City of Highland Park

City Council Meeting
Regular Rescheduled Consolidated Meeting
City Hall
1707 St Johns Avenue,
Highland Park, Il 60035
March 30, 2026
8:00 PM
Agenda

Individuals with questions or feedback about an agenda item can address the City in the following ways:

1. **Emails with Unlimited Information**. Individuals may email the City an unlimited number of words at cityhp@cityhpil.com. Emails will be forwarded to the City Council if requested. All emails received will be acknowledged.
2. **Telephone**. Individuals with no access to email may leave a message with the City Manager's Office at 847.926.1000.
3. **Live Comments**. Individuals are able to address the Council during the City Council meeting. Questions/comments should be limited to three minutes or less.

Committee of the Whole and City Council meetings are broadcast live on the City's Facebook page and on the City's website. Meetings can be watched after the meeting from a video link on the City's website.

The City encourages individuals to sign-up for its enews for important information from the City. To sign-up for the enews, visit www.cityhpil.com.

I. Call to Order

II. Roll Call

III. Pledge of Allegiance

IV. Approval of Minutes

A. Approval of the Minutes of the Regular Meeting of the City Council Held on February 23, 2026

B. Approval of the Minutes of the Closed Session of the Rescheduled Regular Meeting of the City Council on February 23, 2026

V. Approval of Warrant List

A. Warrant List and Wire Transfers from February 13, 2026 to March 19, 2026.

VI. Report of Mayor

A. Appointments

- Appointment to Fill a Vacancy - Sustainability Advisory Group

B. Other Business

VII. Business from the Council

A. Councilmember Reports: Library Board of Trustees, Councilmember Blumberg; and Plan & Design Commission Report, Councilmember Ross

VIII. Business from City Staff

IX. Business from the Public (Individuals wishing to be heard regarding items not listed on this agenda)

X. Omnibus

Administration
(Questions concerning these items can be directed to 847-926-1004)

1. A Resolution entering into an Exterior Improvement Grant for 172 Skokie Blvd HP LLC d/b/a Artist Frame Services (176 Skokie Valley Road)

2. A Resolution entering into an Exterior Improvement Grant for Katy the Butcher LLC (1954 First Street)

Finance
(Questions concerning these items can be directed to 847-926-1020)

3. A Resolution Reallocating 2026 Volume Cap to the Village of Buffalo Grove, Illinois

Public Works
(Questions concerning these items can be directed to 847-432-0807)

4. A Resolution Ratifying an Amendment to an Agreement with the Illinois Environmental Protection Agency for Energy Efficiency Projects at the Water Treatment Plant

5. A Resolution Approving the Award of the Sheridan Utility Improvements (Edgecliff to North End) Project Contract to Martam Construction, Inc. of Elgin, Illinois.

6. A Resolution Approving the First Amendment to the Intergovernmental Agreement Between the City of Lake Forest and the City of Highland Park Relating to Water Interconnection for Both Emergency and System Maintenance Purposes

7. A Resolution Approving a Grant of Easement to Commonwealth Edison Company

8. A Resolution Approving Award of the 2026 Leak Detection Services Contract to M.E. Simpson Company, Inc., of Valparaiso, Indiana

9. A Resolution Approving Certain City Officials and Officers to Execute Approved Contracts with the State of Illinois and Directing the City Clerk to

Complete and Execute a Certificate of Authority for State Contracts (Salt Purchase)

10. A Resolution Approving Change Order No. 2 to the Agreement for the Finished Water Meter Improvements Services with Joseph J. Henderson & Son, Inc.

11. A Resolution Approving the Contract for The Art Center Tuckpointing Project to ALFA Chicago, Inc. of Chicago, Illinois through the Equalis Group Purchasing Cooperative.

12. A Resolution Approving Award of the 2026 Concrete Street Patching and Sidewalk Repair Program Contract to Triggi Construction, Inc. of West Chicago, Illinois

Community Development
(Questions concerning these items can be directed to 847-432-0867)

13. An Ordinance Designating the Property at 818 Hill Street a Local Landmark

Public Safety
(Questions concerning these items can be directed to 847-926-1084)

14. A Resolution Approving an Intergovernmental Agreement with the Board of Education of Township High School District No. 113 Regarding Use of Buses for Independence Day Parade.

15. A Resolution Approving the Purchase of Two Police Vehicles from the Highland Park Ford Lincoln Superstore

16. A Resolution Approving Indemnification Agreements with the Suburban Law Enforcement Academy at the College of DuPage for Entry-Level Police Recruit Training

XI. Items Removed From Omnibus Vote Consideration

XII. Other Business

A. A Resolution Approving an Agreement with Camosy, Inc. for Construction Management Services for the Renovation of the City Public Services Center and Fire Station 34

B. A Resolution Directing the Consideration of a Zoning Code Text Amendment Allowing a New Land Use as a Conditional Use Requiring a Planned Development in Certain Limited Locations in the R2 Residential Zoning District

XIII. Closed Session

A. 5 ILCS 120/2(C)(1) – Personnel

XIV. Adjournment

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Ashley Palbitska, Assistant to the City Manager/Deputy City Clerk

Department: City Manager's Office

Title: Approval of the Minutes of the Regular Meeting of the City Council Held on February 23, 2026

Recommendation:
For the City Council's approval are the minutes of the Regular Meeting of the City Council held on February 23, 2026.

Attachments:
1. MIN CC 2-23-2026

MINUTES OF A REGULAR MEETING OF THE CITY COUNCIL OF THE CITY OF HIGHLAND PARK

MEETING DATE: February 23, 2026

MEETING LOCATION: City Hall, 1707 St Johns Avenue, Highland Park, Il 60035

I. Call to Order

At 7:31 PM, Mayor Rotering called the meeting to order and asked for a roll call:

II. Roll Call

Present: Mayor Rotering, Councilmembers Center, Bruckman, Ross, Tapia, Lidawer (Remote)

Absent: Councilmember Blumberg

Staff Present: City Manager Neukirch, Director of Public Works Bannon, Community Development Director Fontane, Assistant City Manager Jason, Police Chief Jogmen, Finance Director McCaulou, Fire Chief Schrage, Assistant City Manager Taub, Commander Curran, Communications Manager Bennett, Assistant to the City Manager Palbitska

Also Present: Corporation Counsel Elrod, Assistant Corporation Counsel Martinez

III. Pledge of Allegiance

IV. Approval of Minutes

A. Approval of the Minutes of the Regular Meeting of the City Council Held on February 9, 2026

Councilmember Tapia moved to approve as amended the Minutes of the Regular Meeting of the City Council Held on February 9, 2026. Councilmember Center seconded the motion. Upon a voice vote, the Mayor declared the motion Passed (6 - 0).

MOVER:	Councilmember Tapia
SECONDER:	Councilmember Center
AYES:	Mayor Rotering, Councilmembers Center, Bruckman, Ross, Tapia, Lidawer
NAYS:	None
ABSENT:	Councilmember Blumberg

V. Approval of Warrant List

A. Warrant List and Wire Transfers from January 31, 2026 to February 12, 2026. Councilmember Bruckman moved to approve the Warrant List. Councilmember Ross seconded the motion. Upon a roll call vote, the Mayor declared the motion Passed (6 - 0).

MOVER:	Councilmember Bruckman
SECONDER:	Councilmember Ross
AYES:	Mayor Rotering, Councilmembers Center, Bruckman, Ross, Tapia, Lidawer
NAYS:	None
ABSENT:	Councilmember Blumberg

VI. Report of Mayor

A. *Other Business*

Solidarity with Puerto Vallarta, Mexico
Mayor Rotering acknowledged reports of violence and instability in parts of Mexico that many in the community are closely watching. She noted that Highland Park is proud of the Sister Cities relationship with Puerto Vallarta. She stated that Highland Park values its global connections, and that we stand with our Sister City and with our neighbors here at home.

Recognition of the GFOA Certificate of Achievement for Excellence in Financial Reporting for the City's 2024 Annual Comprehensive Financial Report
Mayor Rotering provided information on the Recognition of the GFOA Certificate of Achievement for Excellence in Financial Report for the City's 2025 Annual Comprehensive Financial Report.

Election Information
Mayor Rotering noted that the next general primary election is March 17, 2026. She explained that detailed election information is available through LakeVoterPower.info.

VII. Business from the Council

A. Councilmember Reports: Cultural Arts Advisory Group, Councilmember Ross; and Housing Commission Report, Councilmember Tapia.
Councilmember Ross provided an update on the work being conducted by the Cultural Arts Advisory Group.

Mayor Rotering thanked the Cultural Arts Advisory Group for their work.

Councilmember Tapia provided an update on the work being conducted by the Housing Commission.

Mayor Rotering thanked the Housing Commission for all of their work, including affordable housing.

Councilmember Bruckman provided a message regarding MS Awareness and noted that March is MS Awareness month.

Mayor Rotering thanked Councilmember Bruckman for her advocacy and sharing her personal experience with the community.

VIII. Business from City Staff

City Manager Neukirch provided highlights of discussions at the Committee of the Whole meeting and items on the omnibus agenda.

IX. Business from the Public (Individuals wishing to be heard regarding items not listed on this agenda)

Assistant to the City Manager Palbitska provided opening comments for Business from the Public.

Nancy Goldberg, League of Women Voters, provided information on the League of Women Voters and highlighted important points for the upcoming primary election.

X. Omnibus

Councilmember Tapia moved to approve items 1-7 by omnibus vote consideration. Councilmember Ross seconded the motion. Upon a roll call vote, the Mayor declared the motion Passed (6 - 0).

MOVER:	Councilmember Tapia
SECONDER:	Councilmember Ross
AYES:	Mayor Rotering, Councilmembers Center, Bruckman, Ross, Tapia, Lidawer
NAYS:	None
ABSENT:	Councilmember Blumberg

Finance

1. Adoption of a Resolution (R24-2026) by omnibus vote consideration titled, "A Resolution Waiving the Formal Bidding Requirements of the City's Purchasing Manual and Approving the Purchase of Adobe Software from CDW Government LLC of Vernon Hills, Illinois".

2. Adoption of a Resolution (R25-2026) by omnibus vote consideration titled, "A Resolution Waiving the Formal Bidding Requirements of the City's Purchasing Manual and Approving the Purchase of Internet Services from Comcast Business Communications, LLC of Philadelphia, Pennsylvania".

Public Works

3. Adoption of a Resolution (R26-2026) by omnibus vote consideration titled, “A Resolution Waiving the Formal Bidding Requirements of the City’s Purchasing Manual and Approving an Agreement with Infrastructure Management Systems, of Largo, Florida, for Pavement Analysis Services”.

4. Adoption of a Resolution (R27-2026) by omnibus vote consideration titled, “A Resolution Waiving the Formal Bidding Requirements of the City’s Purchasing Manual and Approving an Agreement with Ferguson Waterworks, of Chicago, Illinois, for Neptune 360 Software Services”.

Community Development

5. Adoption of an Ordinance (O13-2026) by omnibus vote consideration titled, “An Ordinance Amending Chapters 93, 170, and 174 of "The Highland Park Code of 1968," as Amended, Regarding the City's Building Regulations”.

Public Safety

6. Adoption of a Resolution (R28-2026) by omnibus vote consideration titled, “A Resolution Approving the Purchase of Three Police Vehicles from Highland Park Ford Lincoln Superstore of Highland Park, Illinois

7. Adoption of a Resolution (R29-2026) by omnibus vote consideration titled, “A Resolution Approving an Intergovernmental Agreement with the Board of Education of North Shore School District No. 112 for School Resource Officer Services”.

XI. Other Business

Councilmember Tapia moved to approve items A - C by omnibus vote consideration. Councilmember Bruckman seconded the motion. Upon a roll call vote, the Mayor declared the motion Passed (6 - 0).

MOVER:	Councilmember Tapia
SECONDER:	Councilmember Meckler Bruckman
AYES:	Mayor Rotering, Councilmembers Center, Bruckman, Ross, Tapia, Lidawer
NAYS:	None
ABSENT:	Councilmember Blumberg

A. Adoption of a Resolution (R30-2026) by omnibus vote consideration titled, “A Resolution Approving a Plat of Subdivision (734 Central Avenue)”.

B. Adoption of an Ordinance (O14-2026) by omnibus vote consideration titled, “An Ordinance Granting a Special Use Permit for a Planned Development (734 Central Avenue)”.

C. Adoption of a Resolution (R31-2026) by omnibus vote consideration titled, "A Resolution Approving a Development Agreement (734 Central Avenue)".

XII. Closed Session

Councilmember Tapia moved the Council to close its meeting to the public, pursuant to the following cited section of the Illinois Open Meetings Act (5 ILCS 120/2(c)), for the purposes of, (i) purchase or lease of property (5 ILCS 120/2(c)(5)). Councilmember Center seconded the motion. On a roll call vote, the Mayor declared the motion passed unanimously.

At 8:01 PM, the Council recessed the public portion of the meeting to meet in Closed Session.

At 8:33 PM, Mayor Rotering reconvened the open session of the City Council meeting.

Present:	Mayor Rotering, Councilmembers Center, Bruckman, Ross, Tapia, Lidawer (Remote)
Absent:	Councilmember Blumberg
Staff Present:	City Manager Neukirch, Assistant to the City Manager Palbitska
Also Present:	Corporation Counsel Elrod, Assistant Corporation Counsel Martinez

XIII. Adjournment

Councilmember Lidawer moved to adjourn the City Council meeting. Councilmember Center seconded the motion. Upon a voice vote, Mayor Rotering declared the motion passed unanimously.

The City Council adjourned its meeting at 8:33 PM

Respectfully Submitted,

Ashley Palbitska
Assistant to the City Manager/Deputy City Clerk

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Ashley Palbitska, Assistant to the City Manager/Deputy City Clerk

Department: City Manager's Office

Title: Approval of the Minutes of the Closed Session of the Rescheduled Regular Meeting of the City Council on February 23, 2026

Recommendation:
For the City Council's approval are the minutes of the Closed Session of the Rescheduled Regular Meeting of the City Council held on February 23, 2026.

Attachments:
1. MIN CCCS 2-23-2026

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Lara Lukasik, Deputy Finance Director
Kristi McCaulou, Finance Director

Department: Finance Department

Title: Warrant List and Wire Transfers from February 13, 2026 to March 19, 2026.

Recommendation:
Staff recommends approval of the warrant list and wire transfers for February 13, 2026 to March 19, 2026 in the amounts of $7,160,092.96 and $1,003,745.44 respectively, for total disbursement of $8,163,838.40.

	Dates	Amount
Warrants:		
Warrant List 1 (Detail Attached)	February 13, 2026 -February 19, 2026	$222,167.13
Warrant List 2 (Detail Attached)	February 20, 2026 - February 26, 2026	$849,396.36
Warrant List 3 (Detail Attached)	February 27, 2026 - March 05, 2026	$798,275.93
Warrant List 4 (Detail Attached)	March 06, 2026 - March 12, 2026	$2,716,522.51
Warrant List 5 (Detail Attached)	March 13, 2026 - March 19, 2026	$227,371.37
Subtotal Warrants (Detail Attached)		**$4,813,733.30**
Payroll	Pay Periods: February 02 - March 15, 2026 Check Dates: February 20, & March 06, 2026	**$2,346,359.66**
Total Warrants & Payroll		**$7,160,092.96**
IMRF Retirement Fund	March 9, 2026	$139,673.09
CCMSI Workers Comp Claims	February 16, 2026	$999.43
CCMSI Workers Comp Claims	February 23, 2026	$999.43
CCMSI Workers Comp Claims	March 2, 2026	$1,086.43
CCMSI Workers Comp Claims	March 9, 2026	$999.43
CCMSI Workers Comp Claims	March 16, 2026	$999.43
United Parcel Service	February 26, 2026	$13.81
United Parcel Service	March 12, 2026	$13.79
HP Fire Pension Fund	March 13, 2026	$27,640.57
HP Police Pension Fund	March 13, 2026	$34,336.42
Amazon Capital Services	February 26, 2026	$6,878.93
Amazon Capital Services	March 12, 2026	$3,513.20

IPBC Medical/Dental Premium	March 2, 2026	$655,018.77
West Government Services	March 12, 2026	$581.70
MacQueen Equipment Group	March 19, 2026	$181.64
William Architects	March 5, 2026	$9,835.12
Elrod Friedman LLP - Legal Services	February 26, 2026	$93,149.50
Williams Scotsman	March 19, 2026	$168.00
Carol Ann King	March 5, 2026	$2,320.00
Ken Ning	March 5, 2026	$320.00
Univar Solutions USA	February 26, 2026	$995.22
Baker Tilly Audit Fieldwork	March 19, 2026	$6,000.00
J.P. Morgan Chase Commercial Card	March 5, 2026	$15,701.39
J.P. Morgan Chase Visa Costco Card	February 19, 2026	$571.29
J.P. Morgan Chase Visa Costco Card	March 12, 2026	$983.80
J.P. Morgan Chase Visa Costco Card	February 26, 2026	$765.05
Total Wires		**$1,003,745.44**
Total Submitted for Approval		**$8,163,838.40**

Purchases are made consistent with the City's purchasing policy. This policy provides that "when all other terms and conditions are equal, preference will be given to vendors whose businesses are located in Highland Park. However, this preference will not adversely affect quality, service, or price consideration."

Attachments:

1. Warrant List and Wire Transfers from February 13, 2026 to March 19, 2026. PDF

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
421323	02/19/26	37426	911 TECH	44365	20260128	AUDITING FIELD TRAINING SOFTWARE	PD	$3,307.50
							Total	**$3,307.50**
421324	02/19/26	6066	ABC PRINTING	44408	20260975	SUPPLIES BUSINESS CARDS	ENG	$120.00
							Total	**$120.00**
421325	02/19/26	33449	ADVOCATE EALTH	44306	20260202	R - MEDICAL SERVICES PACE	TRNST	$201.00
				44358	20260860	MEDICAL SERVICES PW OPS	PW	$665.00
							Total	**$866.00**
421326	02/19/26	40175	AETNA TRUCK PARTS	44283	20260246	PARTS	FLEET	$277.39
							Total	**$277.39**
421327	02/19/26	2669	AMALGAMATED BANK CHICAGO	44329	20260750	ADMIN FEE GO BOND 2018	FIN	$475.00
				44330	20260749	ADMIN FEE GO BOND 2017	FIN	$475.00
							Total	**$950.00**
421328	02/19/26	22582	AUTHORITY ILLINOIS STATE TOLL	44393		FY2025 TOLLS	FIN	$153.88
							Total	**$153.88**
421329	02/19/26	15184	AVALON PETROLEUM	44286	20260278	UNLEADED FUEL	FLEET	$17,789.04
							Total	**$17,789.04**
421330	02/19/26	37930	VALDES	44282	20261009	SUPPLIES FLUIDS	FLEET	$300.30
							Total	**$300.30**
421331	02/19/26	39012	BEC ENTERPRISES	44293	20260526	PARTS	FLEET	$3,180.23
							Total	**$3,180.23**
421332	02/19/26	12480	BERRY TIRE	44360	20260311	TIRES	PD	$48.00
							Total	**$48.00**
421333	02/19/26	35653	BRAY SALES-MIDWEST	44317	20261049	SUPPLIES	WP	$837.23
							Total	**$837.23**
421334	02/19/26	39085	CHC WELLNESS	44359	20261061	WELLNESS MANAGEMENT FEE ANNUAL	HLTH	$210.00
							Total	**$210.00**
421335	02/19/26	33433	CHRISTOPHER BURKE ENGINEERING	44350	20261058	BIANNUAL BRIDGE INSPECT	ENG	$2,647.50
							Total	**$2,647.50**
421336	02/19/26	23349	CINTAS #22	44310	20260001	UNIFORM RENTAL	WP	$63.94
							Total	**$63.94**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
421337	02/19/26	23349		44272	20260237	UNIFORM RENTAL	FLEET	$99.90
				44273	20260195	UNIFORM RENTAL	TRNST	$15.69
				44274	20260400	UNIFORM RENTAL	FACIL	$31.18
				44275	20260417	UNIFORM RENTAL	SEWER	$84.97
				44276	20260365	UNIFORM RENTAL	SEWER	$95.82
				44277	20260366	UNIFORM RENTAL	SEWER	$77.02
				44352	20260158	UNIFORM RENTAL	FD	$7.65
				44363	20260048	UNIFORM RENTAL	PD	$12.40
							Total	**$424.63**
421338	02/19/26	11799	COMMISSION LAKE COUNTY STORMWATER	44394	20260741	MISC SERVICE	ENG	$6,084.41
							Total	**$6,084.41**
421339	02/19/26	39155	CUSTOM AWARDS	44342	20261077	HISTORIC PROPERTY PLAQUES	PLAN	$7,678.75
							Total	**$7,678.75**
421340	02/19/26	11789	DENNY'S RESTAURANTS THE ROAD	44328	20260868	SNOW CREW MEAL	STR	$107.66
							Total	**$107.66**
421341	02/19/26	2588	DREISILKER ELECTRIC MOTORS	44404	20261093	SUPPLIES	WP	$372.55
							Total	**$372.55**
421342	02/19/26	16005	EL-COR INDUSTRIES	44284	20260219	PARTS	FLEET	$47.75
							Total	**$47.75**
421343	02/19/26	39582	ERIC PARFENOFF	44337	20261087	R - REIMBURSEMENT E2 TEST	BLDG	$255.00
							Total	**$255.00**
421344	02/19/26	33395	FACTORY MOTOR PARTS	44290	20261029	SUPPLIES FLUIDS	FLEET	$850.00
				44291	20260487	PARTS	FLEET	$132.64
							Total	**$982.64**
421345	02/19/26	405	FEDEX	44383	20260428	SHIPPING CHARGES	PLAN	$72.03
							Total	**$72.03**
421346	02/19/26	23546	GALE CERABONA	44339	20260438	HC MINUTE TAKER SERVICES	PLAN	$125.00
				44340	20260437	HPC MINUTE TAKER SERVICES	PLAN	$265.00
				44341	20260522	PDC MINUTE TAKER	PLAN	$265.00
							Total	**$655.00**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
421347	02/19/26	40019	GENUINE PARTS	44279	20260675	PARTS	FLEET	$682.24
				44280	20260675	PARTS	FLEET	$5.24
				44281	20260675	PARTS	FLEET	$144.56
				44361	20260347	PARTS	PD	$36.77
				44395	20260477	SUPPLIES	FD	$10.10
				44396	20260477	SUPPLIES	FD	$38.98
				44397	20260477	SUPPLIES	FD	$39.50
				44398	20260477	SUPPLIES	FD	$55.50
							Total	**$1,012.89**
421348	02/19/26	22533	GRAINGER	44390	20260147	SUPPLIES	WP	$185.89
							Total	**$185.89**
421349	02/19/26	35168	GZA ILLINOIS	44382	20260645	PROSPECT AVE BLUFF	ENG	$1,260.00
							Total	**$1,260.00**
421350	02/19/26	36055	HENDERSON	44278	20260315	PARTS	FLEET	$188.10
							Total	**$188.10**
421351	02/19/26	474	HIGHLAND PARK ELECTRIC	44308	20260788	LIGHTING MAINTENANCE	STR	$160.00
							Total	**$160.00**
421352	02/19/26	1326	HIGHLAND PARK FORD	44353	20260858	SQUAD CAR REPAIR	FIN	$8,314.41
				44366	20260357	VEHICLE PARTS	PD	$1,350.70
				44367	20260357	VEHICLE PARTS	PD	$397.78
				44368	20260356	OUTSIDE REPAIRS	PD	$2,326.28
				44399	20260476	SUPPLIES	FD	$17.60
							Total	**$12,406.77**
421353	02/19/26	39938	ICLEI LOCAL GOVERNMENTS	44347	20261076	MEMBERSHIP DUES	CMO	$1,800.00
							Total	**$1,800.00**
421354	02/19/26	25342	JOSEPH J HENDERSON	44323	20260969	MEMBRANCE MODULE FREIGHT	WP	$6,498.00
							Total	**$6,498.00**
421355	02/19/26	40184	JULIAN GROSS	44345	20261070	EVENT DEPOSIT DJ 2026 HOLIDAY LIGHTING	CMO	$1,400.00
				44346	20261071	EVENT DJ TOHP	CMO	$1,200.00
							Total	**$2,600.00**
421356	02/19/26	33275	JX ENTERPRISES	44305	20260199	R - PARTS SUPPLIES PACE BUS	TRNST	$183.24

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$183.24**
421357	02/19/26	40074	KURITA AMERICA	44322	20260985	CHEMICAL SUPPLIES	WP	$13,849.48
							Total	**$13,849.48**
421358	02/19/26	1534	LAKE COUNTY CHIEFS POLICE	44364	20260021	ANNUAL DUES	PD	$350.00
							Total	**$350.00**
421359	02/19/26	23289	LAKE FOREST BANK	44271	20260786	PRK LOT LEASE	FACIL	$2,952.87
							Total	**$2,952.87**
421360	02/19/26	29643	LAW ENFORCEMENT RELATIONS T-MOBILE	44362	20261066	OBTAIN PHONE RECORDS	PD	$150.00
							Total	**$150.00**
421361	02/19/26	1908	LAWSON PRODUCTS	44285	20260319	SUPPLIES	FLEET	$114.89
							Total	**$114.89**
421362	02/19/26	38916	ACER TREE SERVICE	44268	20260468	TREE MAINTENANCE	FORST	$237.38
							Total	**$237.38**
421363	02/19/26	39949	MATRIX IMAGING	44392	20260605	WATER BILL POSTAGE	FIN	$2,401.08
							Total	**$2,401.08**
421364	02/19/26	3027	MCMASTER-CARR	44400	20261031	SUPPLIES	FD	$50.64
				44405	20260148	SUPPLIES	WP	$7.14
							Total	**$57.78**
421365	02/19/26	39940	MES I ACQUISITION	44401	20260597	EQUIPMENT	FD	$3,385.00
							Total	**$3,385.00**
421366	02/19/26	40334	MICHAEL BRUNO	44344	20261000	EVENTS SOUND BACKLINE	CMO	$10,450.00
							Total	**$10,450.00**
421367	02/19/26	17838	MID AMERICAN WATER WAUCONDA	44316	20260820	SUPPLIES	WTRDS	$5,927.34
				44318	20260562	SUPPLIES	WTRDS	$528.00
							Total	**$6,455.34**
421368	02/19/26	29974	MORTON SALT	44320	20260267	LAKE COUNTY IDOT ROCK SALT	STR	$17,758.51
							Total	**$17,758.51**
421369	02/19/26	749	MUTUAL ACE HARDWARE	44288	20260184	PARTS	FLEET	$80.95
				44296	20260184	PARTS	FLEET	$105.25
				44388	20260228	SUPPLIES	STR	$7.19

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$193.39**
421370	02/19/26	36922	NORTH SHORE AUTO SPA	44287	20260181	SPA DETAIL SERVICES	FLEET	$11.00
				44297	20260181	SPA DETAIL SERVICES	FLEET	$15.00
							Total	**$26.00**
421371	02/19/26	10886	NORTHERN ILLINOIS FIRE	44338	20261075	ANNUAL MEMBERSHIP	BLDG	$100.00
							Total	**$100.00**
421372	02/19/26	33907	NORTHWEST TRUCKS	44289	20260252	PARTS	FLEET	$41.43
							Total	**$41.43**
421373	02/19/26	2	PETER BAKER	44315	20260265	ASPHALT	STR	$2,493.00
							Total	**$2,493.00**
421374	02/19/26	32103	PFANG MULTIMEDIA	44348	20260924	HIGHLANDER GRAPHIC DESIGN	CMO	$3,225.00
							Total	**$3,225.00**
421375	02/19/26	8164	PIERO'S PIZZA	44321	20260483	SNOW CREW MEAL	STR	$133.81
				44391	20260483	SNOW CREW MEAL	STR	$114.13
							Total	**$247.94**
421376	02/19/26	9102	POMP'S TIRE	44295	20260240	TIRES	FLEET	$460.00
							Total	**$460.00**
421377	02/19/26	15519	POSTAGE-BY-PHONE U.S. POSTAL	44406		CITY POSTAGE REPLENISH 13104252	FIN	$4,000.00
							Total	**$4,000.00**
421378	02/19/26	923	MICHAEL & WHITNEY DRAEGERT	44402	20261095	SEMI-ANNUAL SAFETY INSPECTION	FD	$35.50
				44403	20261095	SEMI-ANNUAL SAFETY INSPECTION	FD	$35.50
							Total	**$71.00**
421379	02/19/26	25207	RUSH TRUCK CENTER IL	44298	20260274	PARTS	FLEET	$55.90
				44299	20260274	PARTS	FLEET	$562.90
				44300	20260274	PARTS	FLEET	($480.00)
				44301	20260274	PARTS	FLEET	$359.53
				44302	20260274	PARTS	FLEET	($190.00)
				44303	20260274	PARTS	FLEET	$131.80
				44304	20260274	PARTS	FLEET	$219.48
							Total	**$659.61**
421380	02/19/26	11611	SDS HOLDINGS	44270	20260376	UNIFORM SUPPLIES	SEWER	$107.89

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
				44307	20260220	CLOTHING	FLEET	$224.95
				44314	20260146	UNIFORM SUPPLIES	WP	$121.49
				44327	20260376	UNIFORM SUPPLIES	SEWER	$109.58
				44389	20260419	UNIFORM SUPPLIES	WTRDS	$188.95
							Total	**$752.86**
421381	02/19/26	30672	SNOW SYSTEMS	44319	20260264	HAND SHOVELING	STR	$19,650.00
				44324	20260264	HAND SHOVELING	STR	$19,650.00
				44325	20260264	HAND SHOVELING	STR	$19,650.00
				44326	20260268	PARKING LOT SNOW REMOVAL	FACIL	$2,964.00
							Total	**$61,914.00**
421382	02/19/26	1010	SUNSET FOODS	44349	20260507	COUNCIL DINNER SUPPLIES	CMO	$262.04
							Total	**$262.04**
421383	02/19/26	39916	THOMAS ENGINEERING	44351	20260626	MFT RESURFACE PROGRAM	ENG	$8,757.84
							Total	**$8,757.84**
421384	02/19/26	28029	TRAFFIC CONTROL PROTECTION	44269	20260951	SUPPLIES	STR	$5,215.55
							Total	**$5,215.55**
421385	02/19/26	15397	HD SUPPLY	44309	20260113	SUPPLIES	WTRDS	$748.69
							Total	**$748.69**
421386	02/19/26	38898	VERIZON COMMUNICATIONS	44292	20260281	GPS SERVICES	FLEET	$783.02
							Total	**$783.02**
421387	02/19/26	35304	WEST BEND MUTUAL	44343	20260517	POLICY INDIVIDUAL OMISSIONS	PLAN	$30.00
							Total	**$30.00**
421388	02/19/26	15432	WHOLESALE DIRECT	44294	20260241	PARTS	FLEET	$294.00
							Total	**$294.00**
421389	02/19/26	34483	ZORO TOOLS	44311	20260149	SUPPLIES	WP	$120.10
				44312	20260149	SUPPLIES	WP	$63.64
				44313	20260149	CREDIT INV 18316142 INV18328003	WP	($180.63)
							Total	**$3.11**
							Total	**$222,167.13**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
671	02/19/26	36932	VISA FLEX COMMERCIAL CARD	44407	20260416	SUPPLIES	FACIL	$571.29
							Total	**$571.29**
							Total	**$571.29**

Bank code : aphpbt

Warrant	Date	Vendor		Invoice	PO #	Description/Account	Amount
296588	2/26/2026	039105	ALISA OSIPOVICH	Ref000290259		UB REFUND 52 INSIGNIA CT	327.81
						Total :	**327.81**

1 Vouchers for bank code : aphpbt **Bank total :** **327.81**

1 Vouchers in this report **Total vouchers :** **327.81**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
421390	02/26/26	6066	ABC PRINTING	44518	20260548	OFFICE SUPPLIES	FIN	$545.54
				44542	20261006	BUSINESS CARDS	CMO	$61.50
							Total	**$607.04**
421391	02/26/26	38352	ADVANCED CLEANING	44431	20260783	JANITORIAL SERVICES	FACIL	$10,660.51
				44522	20260783	JANITORIAL SERVICES	FACIL	$10,660.51
							Total	**$21,321.02**
421392	02/26/26	14419	AIR ONE EQUIPMENT	44543	20260973	EQUIPMENT	FD	$322.00
							Total	**$322.00**
421393	02/26/26	23547	ALLAN ICS INTEGRATED	44517		FY2025 PROFESSIONAL SERVICES	WP	$1,588.75
							Total	**$1,588.75**
421394	02/26/26	26996	ANDERSON LOCK	44438	20260418	LOCKSMITH	FACIL	$75.08
							Total	**$75.08**
421395	02/26/26	45	RENTOKIL NORTH	44565	20260407	PEST CONTROL	FACIL	$395.03
							Total	**$395.03**
421396	02/26/26	40348	ANNE LIVINGSTON	44487	20261101	R - 2234 LINDEN REIMBURSEMENT	ENG	$4,009.11
							Total	**$4,009.11**
421397	02/26/26	38917	ANTARCTIC MECHANICAL	44433	20260459	LIFE SAFETY REPAIR	FACIL	$2,688.00
				44434	20260459	LIFE SAFETY REPAIR	FACIL	$1,785.00
				44567	20260459	LIFE SAFETY REPAIRS	FACIL	($855.00)
							Total	**$3,618.00**
421398	02/26/26	1538	ARTHUR CLESEN	44451	20261117	SUPPLIES	FORST	$3,500.00
							Total	**$3,500.00**
421399	02/26/26	40355	BORIS CUBAS	44541		REFUND - PLMB-2024-01023	BLDG	$2,000.00
							Total	**$2,000.00**
421400	02/26/26	38677	BOWMAN CONSULTING	44531	20260651	LINDEN AVE	ENG	$6,115.24
							Total	**$6,115.24**
421401	02/26/26	40311	CARGO BED	44544	20260338	MACHINERY EQUIPMENT	FD	$2,032.00
							Total	**$2,032.00**
421402	02/26/26	23349	CINTAS #22	44468	20260001	UNIFORM RENTAL	WP	$63.94
							Total	**$63.94**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
421403	02/26/26	23349		44460	20260366	UNIFORM RENTAL	SEWER	$77.02
				44461	20260365	UNIFORM RENTAL	SEWER	$95.82
				44462	20260417	UNIFORM RENTAL	SEWER	$84.97
				44463	20260400	UNIFORM RENTAL	FACIL	$31.18
				44464	20260237	UNIFORM RENTAL	FLEET	$99.90
				44465	20260195	UNIFORM RENTAL	TRNST	$15.69
				44489	20260158	UNIFORM RENTAL	FD	$13.35
							Total	**$417.93**
421404	02/26/26	22726	COMMERCIAL TIRE	44551	20261033	SUPPLIES	FD	$1,574.64
							Total	**$1,574.64**
421405	02/26/26	233	CRAFTWOOD LUMBER	44440	20260401	SUPPLIES	FACIL	$18.98
				44441	20260401	SUPPLIES	FACIL	$36.77
				44442	20260401	SUPPLIES	FACIL	$34.96
				44443	20260401	SUPPLIES	FACIL	$114.72
				44475	20260033	SUPPLIES	WP	$183.32
							Total	**$388.75**
421406	02/26/26	38817	CUMMINS SOUTHERN PLAINS	44545	20261040	SUPPLIES	FD	$93.66
							Total	**$93.66**
421407	02/26/26	40252	D&G COLLINS ENTERPRISES	44495	20260918	RETRACTABLE DISPLAY	PD	$388.32
							Total	**$388.32**
421408	02/26/26	23952	DAVID MASSELLO	43214	20253567	R - LUNCHEON NEW YEARS EVE	SNR	$150.00
							Total	**$150.00**
421409	02/26/26	23105	EJ EQUIPMENT	44430	20260377	SUPPLIES	SEWER	$4,731.30
							Total	**$4,731.30**
421410	02/26/26	16005	EL-COR INDUSTRIES	44420	20260219	PARTS	FLEET	$154.95
				44425	20260219	PARTS	FLEET	$19.60
				44426	20260219	PARTS	FLEET	$12.40
							Total	**$186.95**
421411	02/26/26	37237	ESO SOLUTIONS	44546	20261134	EQUIPMENT	FD	$530.45
							Total	**$530.45**
421412	02/26/26	14411	ESRI	44452	20261080	ERSI MEMBERSHIP DUES	PW	$684.00

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$684.00**
421413	02/26/26	38194	FACILITY GATEWAY	44444	20260391	UPS SYSTEM SERVICES	FACIL	$595.43
				44445	20260391	UPS SYSTEM SERVICES	FACIL	$390.00
							Total	**$985.43**
421414	02/26/26	405	FEDEX	44519	20261157	SHIPPING CHARGES	STR	$44.20
							Total	**$44.20**
421415	02/26/26	31371	GAG INDUSTRIES	44501	20260910	SUPPLIES	FACIL	$2,369.86
							Total	**$2,369.86**
421416	02/26/26	40239	FLUID COOLING	44560	20260528	SUPPLIES	WP	$8,415.40
							Total	**$8,415.40**
421417	02/26/26	33100	FOSTER COACH	44547	20261032	SUPPLIES	FD	$120.74
							Total	**$120.74**
421418	02/26/26	23546	GALE CERABONA	44479	20260522	PDC MINUTE TAKER	PLAN	$265.00
				44526	20260524	ZBA MINUTE TAKER	PLAN	$265.00
							Total	**$530.00**
421419	02/26/26	40019	GENUINE PARTS	44411	20260675	PARTS	FLEET	$50.59
				44412	20260675	PARTS	FLEET	$99.65
				44413	20260675	PARTS	FLEET	$11.75
				44550	20260477	SUPPLIES	FD	$44.42
				44552	20260477	SUPPLIES	FD	$286.08
				44556	20260477	SUPPLIES	FD	$15.68
							Total	**$508.17**
421420	02/26/26	13888	GORDON FLESCH	44493	20260603	MULTI FUNCTION COPIERS	CS	$3,914.64
							Total	**$3,914.64**
421421	02/26/26	22533	GRAINGER	44422	20260316	PARTS	FLEET	$8.67
							Total	**$8.67**
421422	02/26/26	39202	HARTWIG PLUMBING	44446	20260929	PLUMBING REPAIRS	FACIL	$405.00
				44447	20260911	HVAC REPAIRS	FACIL	$472.50
							Total	**$877.50**
421423	02/26/26	40341	HAWKINS	44476	20261013	CHEMICAL SUPPLIES	WP	$14,727.32
							Total	**$14,727.32**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
421424	02/26/26	27640	HEALTH ENDEAVORS	44553	20260304	MEDICAL PROFESSIONAL SERVICES	FD	$17,559.00
							Total	**$17,559.00**
421425	02/26/26	474	HIGHLAND PARK ELECTRIC	44455	20260788	LIGHTING MAINTENANCE	STR	$300.00
				44456	20260788	LIGHTING MAINTENANCE	STR	$978.75
				44532	20260895	SUPPLIES	ENG	$375.00
							Total	**$1,653.75**
421426	02/26/26	1326	HIGHLAND PARK FORD	44409	20260248	PARTS	FLEET	$78.54
				44538	20260357	VEHICLE PARTS	PD	$228.03
				44554	20260476	SUPPLIES	FD	$134.20
				44557	20260357	VEHICLE PARTS	PD	$37.73
							Total	**$478.50**
421427	02/26/26	29018	HOME DEPOT CREDIT	44448	20260398	SUPPLIES	FACIL	$311.25
							Total	**$311.25**
421428	02/26/26	1285	IL CITY/COUNTY MANAGEMENT	44530	20261162	EVENT LUNCHEON	CLRK	$130.00
							Total	**$130.00**
421429	02/26/26	24621	INDUSTRIAL ORGANIZATIONAL	44535	20261152	FD PSYCHOLOGICAL EVALUATION	HLTH	$575.00
							Total	**$575.00**
421430	02/26/26	6931	INTL CHIEFS POLICE	44537	20260019	IACP MEMBERSHIPS DUE	PD	$220.00
							Total	**$220.00**
421431	02/26/26	1430	IRELAND HEATING	44449	20260784	HVAC MAINTENANCE	FACIL	$2,253.66
				44450	20260577	HVAC REPAIRS	FACIL	$2,811.31
				44457	20260784	HVAC REPAIRS	FACIL	$192.25
				44458	20260784	HVAC REPAIRS	FACIL	$1,472.04
				44459	20260577	HVAC REPAIRS	FACIL	$150.00
				44502	20260784	HVAC REPAIRS	FACIL	$585.78
				44503	20260784	HVAC REPAIRS	FACIL	$982.99
				44504	20260577	HVAC REPAIRS	FACIL	$1,557.40
							Total	**$10,005.43**
421432	02/26/26	33275	JX ENTERPRISES	44410	20260212	PARTS	FLEET	$833.60
				44421	20260212	PARTS	FLEET	$319.96
							Total	**$1,153.56**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
421433	02/26/26	32817	KORDICK ELECTRIC	44505	20260414	ELECTRICAL REPAIRS	FACIL	$330.00
							Total	**$330.00**
421434	02/26/26	1534	LAKE COUNTY CHIEFS POLICE	44497	20260021	ANNUAL DUES	PD	$350.00
							Total	**$350.00**
421435	02/26/26	35675	LAUTERBACH AMEN	44516	20260744	ACTUARIAL REPORT	FIN	$1,200.00
							Total	**$1,200.00**
421436	02/26/26	20570	LINDCO EQUIPMENT	44415	20260791	VEHICLES	FLEET	$182,230.00
				44416	20260341	PARTS	FLEET	$3,521.99
				44418	20260791	VEHICLES	FLEET	$182,230.00
				44419	20260341	PARTS	FLEET	$3,521.99
							Total	**$371,503.98**
421437	02/26/26	39858	LINDE GAS EQUIPMENT	44490	20260143	OXYGEN SUPPLIES	FD	$165.09
							Total	**$165.09**
421438	02/26/26	661	MABAS DIVISION III	44491	20261112	MEMBERSHIP DUES	FD	$7,000.00
							Total	**$7,000.00**
421439	02/26/26	37341	MCGINTY BROS	44488	20260984	RAVINE 8 VEG	ENG	$3,800.00
							Total	**$3,800.00**
421440	02/26/26	3027	MCMASTER-CARR	44472	20260148	SUPPLIES	WP	$357.70
				44473	20260148	CREDIT INV 59938394	WP	($8.66)
				44561	20260148	SUPPLIES	WP	$369.00
							Total	**$718.04**
421441	02/26/26	697	MENONI MOCOGNI	44481	20260370	SUPPLIES	SEWER	$25.60
							Total	**$25.60**
421442	02/26/26	17838	MID AMERICAN WATER WAUCONDA	44500	20260121	SUPPLIES	WTRDS	$1,083.24
							Total	**$1,083.24**
421443	02/26/26	38616	MIDWEST POWER	44507	20260415	GENERATOR REPAIRS	FACIL	$929.78
							Total	**$929.78**
421444	02/26/26	29974	MORTON SALT	44478	20260267	LAKE COUNTY DOT ROCK SALT	STR	$14,160.35
				44540	20260267	LAKE COUNTY DOT ROCK SALT	STR	$10,198.31
							Total	**$24,358.66**
421445	02/26/26	35088	MUNICIPAL FLEET MANAGERS	44429	20260164	MEMBERSHIP DUES	FLEET	$50.00

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$50.00**
421446	02/26/26	749	MUTUAL ACE HARDWARE	44482	20260373	SUPPLIES	SEWER	$50.33
				44508	20260409	SUPPLIES	FACIL	$7.19
				44509	20260409	SUPPLIES	FACIL	$49.15
				44510	20260409	SUPPLIES	FACIL	$55.75
				44562	20260041	SUPPLIES	WP	$26.52
							Total	**$188.94**
421447	02/26/26	37287	NAMETAGCOUNTRY	44467	20261090	SUPPLIES	STR	$71.50
							Total	**$71.50**
421448	02/26/26	772	NATIONAL PUBLIC EMPLOYER LABOR	44484	20261107	TRAINING	CMO	$325.00
							Total	**$325.00**
421449	02/26/26	15041	NCC-PETERSON PRODUCTS	44483	20261063	SUPPLIES	STR	$10,829.00
				44511	20260821	SUPPLIES	FACIL	$2,459.95
							Total	**$13,288.95**
421450	02/26/26	38816	NICHOLAS BARNES	44494	20261146	WIN PROGRAM	HLTH	$51.41
							Total	**$51.41**
421451	02/26/26	17202	P & G KEENE ELECTRICAL	44428	20260112	REPAIRS	FLEET	$759.06
							Total	**$759.06**
421452	02/26/26	39982	PATRICIA GINNELLY	44506		R - AR - 1167 - 28456 REFUND RETIREMENT	FIN	$5.55
							Total	**$5.55**
421453	02/26/26	2	PETER BAKER	44499	20260265	ASPHALT	STR	$170.00
							Total	**$170.00**
421454	02/26/26	8164	PIERO'S PIZZA	44524	20260483	SNOW CREW MEAL	STR	$202.98
				44525	20261158	SNOW CREW MEAL	STR	$21.49
							Total	**$224.47**
421455	02/26/26	39016	PITNEY BOWES	44512	20260609	POSTAGE MACHINES LEASE	FACIL	$592.62
				44513	20260609	POSTAGE MACHINES LEASE	FACIL	$310.20
				44514	20260609	POSTAGE MACHINES LEASE	FACIL	$166.10
							Total	**$1,068.92**
421456	02/26/26	923	MICHAEL WHITNEY DRAEGERT	44414	20260255	DOT INSPECTIONS	FLEET	$105.50
							Total	**$105.50**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
421457	02/26/26	16787	SCOTT LEVENFELD	44480	20260312	ADMIN HEARINGS	LEGL	$850.00
							Total	**$850.00**
421458	02/26/26	18887	SE-INC	44454	20261129	SUPPLIES BAGGED SALT	STR	$10,468.00
							Total	**$10,468.00**
421459	02/26/26	8729	SECURITY ILLINOIS EMPLOYMENT	44536	20260836	UNEMPLOYMENT CLAIMS	CMO	$1,723.00
							Total	**$1,723.00**
421460	02/26/26	40244	SEWERAI	44466	20253556	SOFTWARE SUBSCRIPTION	SEWER	$13,680.00
							Total	**$13,680.00**
421461	02/26/26	32550	SITEONE LANDSCAPE HOLDING	44453	20260482	SUPPLIES	FORST	$480.00
							Total	**$480.00**
421462	02/26/26	5209	STRAND	44471	20261122	ENGINEERING SERVICES	WP	$21,534.24
				44523	20261123	ENGINEERING SERVICES	WP	$4,442.08
							Total	**$25,976.32**
421463	02/26/26	24637	STRYKER MEDICAL	44555	20261026	EQUIPMENT	FD	$1,458.00
							Total	**$1,458.00**
421464	02/26/26	38520	THE SHERWIN-WILLIAMS	44469	20260943	SUPPLIES	WP	$102.20
							Total	**$102.20**
421465	02/26/26	39916	THOMAS ENGINEERING	44533	20260668	SHERIDAN RD UTILITY RELOCATE	ENG	$11,539.97
							Total	**$11,539.97**
421466	02/26/26	40055	TRINE	44559	20260995	LSL REPLACEMENT PROJECT	PW	$222,923.91
							Total	**$222,923.91**
421467	02/26/26	22779	TYLER TECHNOLOGIES	44496	20260763	TRAINING	PD	$1,249.00
							Total	**$1,249.00**
421468	02/26/26	38931	UPKEEP TECHNOLOGIES	44515	20261044	SOFTWARE SERVICES	FACIL	$2,640.00
							Total	**$2,640.00**
421469	02/26/26	1599	US POSTMASTER	44527	20261113	RENTAL REGISTRATION MAILING POSTAGE	PLAN	$3,388.00
							Total	**$3,388.00**
421470	02/26/26	17122	WAREHOUSE DIRECT	44564	20260035	SUPPLIES	WP	$451.63
							Total	**$451.63**
421471	02/26/26	18921	WJN ENTERPRISES	44423	20261100	PARTS SNOW PLOWS	FLEET	$1,868.70
				44424	20261100	PARTS SNOW PLOWS	FLEET	$3,114.50

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							Total	$4,983.20
							Total	$849,068.55

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672	02/26/26	39182	AMAZON	44331	20260764	SUPPLIES	PD	$471.83
				44332	20260767	SUPPLIES AUDIO BATTERIES	CMO	$2,034.26
				44333	20260869	OFFICE SUPPLIES	CMO	$78.85
				44334	20260870	SUPPLIES FRAMES	CMO	$51.98
				44335	20260890	REPLACEMENT PRISONER BLANKETS	PD	$127.96
				44336	20260002	OFFICE SUPPLIES	CLRK	$40.98
				44354	20260551	OFFICE SUPPLIES	FIN	$98.53
				44355	20261055	OFFICE SUPPLIES	HLTH	$18.61
				44356	20261054	OFFICE SUPPLIES	HLTH	$66.98
				44369	20260339	OFFICE SUPPLIES	PW	$63.12
				44371	20260361	SUPPLIES	SEWER	$22.29
				44372	20260339	OFFICE SUPPLIES	PW	$17.28
				44373	20260406	SUPPLIES	FACIL	$364.07
				44374	20260936	SUPPLIES	ENG	$14.78
				44375	20260406	SUPPLIES	FACIL	$175.00
				44376	20260406	SUPPLIES	FACIL	$37.95
				44377	20260855	SUPPLIES	STR	$81.10
				44378	20260339	OFFICE SUPPLIES	PW	$11.71
				44379		CREDIT SUPPLIES	FIN	($149.99)
				44380	20260977	PROGRAM SUPPLIES	SNR	$225.68
				44384	20260498	OFFICE SUPPLIES	FD	$182.88
				44385	20260386	SUPPLIES	HLTH	$311.98
				44387	20261057	EVENT ITEM SUPPLIES	CMO	$33.98
				44534	20261131	SUPPLIES	CS	$2,340.97
				44539	20261161	SUPPLIES	CMO	$156.15
							Total	**$6,878.93**
673	02/26/26	37940	ELROD FRIEDMAN LLP	44529	20260298	LEGAL SERVICES	LEGL	$93,149.50
							Total	**$93,149.50**
674	02/26/26	2527	UNITED PARCEL SERVICE, INC	44477	20260034	SHIPPING FEES	WP	$13.81
							Total	**$13.81**
675	02/26/26	36864	UNIVAR SOLUTIONS USA INC	44563	20260301	CHEMICAL SUPPLIES	WP	$995.22

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$995.22**
676	02/26/26	36932	VISA FLEX PROGRAM JPMORGAN CHASE COMMERCIAL CARD	44520	20260416	SUPPLIES	FACIL	$571.29
				44521	20261145	EVENT BIOMETRIC SUPPLIES	HLTH	$193.76
							Total	**$765.05**
							Total	**$101,802.51**

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421472	03/05/26	38352	ADVANCED CLEANING	44669	20260783	JANITORIAL SERVICES	FACIL	$10,222.91
				44670	20260783	JANITORIAL SERVICES	FACIL	$10,222.91
							Total	**$20,445.82**
421473	03/05/26	38327	AEP ENERGY	1853228		SRVS @ 100 HIAWATHA TRL	FIN	$51.38
				1901735		SRVS @ 0 OLD MILL SKOKIE	FIN	$18,599.38
							Total	**$18,650.76**
421474	03/05/26	39082	AIRTABLE.COM	44701	20261039	AIRTABLE LICENSING CITY USERS	CS	$4,019.40
							Total	**$4,019.40**
421475	03/05/26	39091	ALYSSA KNOBEL	44679	20260779	CRISIS COMMUNICATIONS CONSULTANT	CMO	$325.00
							Total	**$325.00**
421476	03/05/26	4652	AMERICAN WATER WORKS ILLINOIS	44659	20260057	TRAINING	WP	$109.00
							Total	**$109.00**
421477	03/05/26	45	RENTOKIL	44710	20260407	PEST CONTROL	FACIL	$395.03
							Total	**$395.03**
421478	03/05/26	27541	ANDREA AMEND	44764	20260774	R - CLASSES YOGA	SNR	$384.00
							Total	**$384.00**
421479	03/05/26	38917	ANTARCTIC MECHANICAL	44709	20260459	LIFE SAFETY REPAIR	FACIL	$661.00
							Total	**$661.00**
421480	03/05/26	34884	ATLAS COPCO COMPRESSORS	44661	20260421	SUPPLIES	WP	$2,875.23
							Total	**$2,875.23**
421481	03/05/26	15184	AVALON PETROLEUM	44572	20260277	DIESEL FUEL	FLEET	$22,538.16
							Total	**$22,538.16**
421482	03/05/26	40064	BENJAMIN ELLIOT TAXY	44777	20260891	R - CLASSES TECHNOLOGY CLASS LECTURE	SNR	$126.00
							Total	**$126.00**
421483	03/05/26	12480	BERRY TIRE	44749	20260311	FLEET TIRES	PD	$851.80
				44750	20260311	FLEET TIRES	PD	$1,124.00
							Total	**$1,975.80**
421484	03/05/26	8286	BIO-TRON	44684	20261088	EQUIPMENT	FD	$50.00
				44685	20261088	EQUIPMENT	FD	$1,544.75
							Total	**$1,594.75**

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421485	03/05/26	35653	BRAY SALES-MIDWEST	44655	20261050	SUPPLIES	WP	$1,463.23
				44656	20261085	SUPPLIES	WP	$53.85
							Total	**$1,517.08**
421486	03/05/26	20914	BROADWAY CHICAGO	44759	20260728	R - EXCURSIONS GREAT GATSBY	SNR	$4,570.62
							Total	**$4,570.62**
421487	03/05/26	29404	CCMSI	44746	20260831	PROPERTY CASUALTY DEDUCTIBLES	FIN	$10,548.62
							Total	**$10,548.62**
421488	03/05/26	39085	CHC WELLNESS	44708	20260447	CHC PORTAL FEE	HLTH	$2,028.00
				44711	20261061	ANNUAL WELLNESS MANAGEMENT FEE	HLTH	$1,260.00
							Total	**$3,288.00**
421489	03/05/26	23349	CINTAS #22	44657	20260001	UNIFORM RENTAL	WP	$63.94
							Total	**$63.94**
421490	03/05/26	23349		44601	20260237	UNIFORM RENTAL	FLEET	$102.05
				44602	20260195	UNIFORM RENTAL	TRNST	$27.83
				44603	20260400	UNIFORM RENTAL	FACIL	$31.18
				44604	20260417	UNIFORM RENTAL	SEWER	$84.97
				44605	20260365	UNIFORM RENTAL	SEWER	$95.82
				44606	20260366	UNIFORM RENTAL	SEWER	$77.02
				44687	20260158	UNIFORM RENTAL	FD	$35.35
				44752	20260048	UNIFORM RENTAL	PD	$12.40
				44758	20260048	UNIFORM RENTAL	PD	$6.70
							Total	**$473.32**
421491	03/05/26	26496	COMCAST CABLE	44789	20261167	INTERNET CITYWIDE INTERNET SERVICE	CS	$3,906.92
							Total	**$3,906.92**
421492	03/05/26	233	CRAFTWOOD LUMBER	44674	20260227	SUPPLIES	STR	$49.79
				44712	20260401	SUPPLIES	FACIL	$22.99
				44714	20260401	SUPPLIES	FACIL	$46.65
				44715	20260401	SUPPLIES	FACIL	$33.76
				44717	20260401	SUPPLIES	FACIL	$40.76
				44741	20260033	SUPPLIES	WP	$16.68
				44742	20261203	SUPPLIES	WP	$39.19

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
				44779	20260227	SUPPLIES	STR	$13.19
				44780	20260227	SUPPLIES	STR	$11.99
				44781	20260902	SUPPLIES	FD	$4.99
				44782	20260902	SUPPLIES	FD	$13.49
				44783	20260902	SUPPLIES	FD	$32.48
							Total	**$325.96**
421493	03/05/26	40056	CRAIG JACOBSON	44770	20260735	R - CLASSES BRIDGE	SNR	$1,050.00
							Total	**$1,050.00**
421494	03/05/26	36267	CROWN TROPHY	44707	20261178	RETIREMENT CRYSTALS	HLTH	$82.00
							Total	**$82.00**
421495	03/05/26	3228	DRURY LANE	44760	20260726	R - EXCURSIONS ON YOUR FEET	SNR	$1,192.70
							Total	**$1,192.70**
421496	03/05/26	23105	EJ EQUIPMENT	44598	20260247	PARTS	FLEET	$1,914.01
				44607	20261115	VAC CON PARTS	FLEET	$2,805.34
				44608	20260247	PARTS	FLEET	$2,478.46
				44652	20261115	VAC CON PARTS	FLEET	$242.31
							Total	**$7,440.12**
421497	03/05/26	16005	EL-COR INDUSTRIES	44593	20260219	PARTS	FLEET	$134.79
				44594	20260219	PARTS	FLEET	$274.50
							Total	**$409.29**
421498	03/05/26	32102	EPIC BUSINESS	44681	20261163	OFFICE SUPPLIES	CMO	$15.52
							Total	**$15.52**
421499	03/05/26	40333	ERNIES TOWING	44576	20260935	TOWING	FLEET	$566.00
							Total	**$566.00**
421500	03/05/26	358	ERNIES WRECKER	44599	20260201	R - TOWING SERVICES PACE BUS	TRNST	$1,000.00
				44600	20261136	R - TOWING	TRNST	$425.00
							Total	**$1,425.00**
421501	03/05/26	34351	EUROFINS EATON ANALYTICAL	44797	20260930	LAB SERVICES	WP	$258.00
							Total	**$258.00**
421502	03/05/26	405	FEDEX	44676	20260428	SHIPPING CHARGES	PLAN	$96.25
				44677	20260428	SHIPPING CHARGES	PLAN	$89.61

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$185.86**
421503	03/05/26	35589	FERGUSON US HOLDINGS	44672	20260992	SUPPLIES	WTRDS	$4,005.00
							Total	**$4,005.00**
421504	03/05/26	31273	FERGUSON WATERWORKS	44706	20261201	UTILITY SOFTWARE	WTRDS	$25,945.38
							Total	**$25,945.38**
421505	03/05/26	18117	FRANKLIN COVEY	44716	20260721	TRAINING FRANKLIN COVEY	CMO	$7,500.00
							Total	**$7,500.00**
421506	03/05/26	40019	GENUINE PARTS	44579	20260675	PARTS	FLEET	$6.48
				44580	20260675	PARTS	FLEET	($3.24)
				44581	20260675	PARTS	FLEET	$214.72
				44582	20260675	PARTS	FLEET	$16.31
				44583	20260675	PARTS	FLEET	$32.62
				44584	20260675	PARTS	FLEET	$10.38
				44585	20260675	PARTS	FLEET	$558.59
				44586	20260675	PARTS	FLEET	($286.72)
				44587	20260675	PARTS	FLEET	$68.32
				44757	20260347	PARTS	PD	$208.58
							Total	**$826.04**
421507	03/05/26	39490	GERI BLEIER SCHLANGER	44776	20260771	R - CLASSES BETTER BALANCE	SNR	$420.00
							Total	**$420.00**
421508	03/05/26	37548	GFL ENVIRONMENTAL	44785	20261216	CLEANING SERVICES	STR	$812.18
							Total	**$812.18**
421509	03/05/26	22533	GRAINGER	44574	20260316	PARTS	FLEET	$213.41
				44575	20260316	PARTS	FLEET	$362.76
				44718	20260393	SUPPLIES	FACIL	$1,083.06
				44793	20260147	SUPPLIES	WP	$49.95
							Total	**$1,709.18**
421510	03/05/26	20187	HAGG PRESS	44682	20260993	HIGHLANDER PRINTING	CMO	$8,093.00
							Total	**$8,093.00**
421511	03/05/26	39981	HAL EMALFARB	44695		R - AR - 1135 - 28455 REFUND RETIREMENT	FIN	$10.22
							Total	**$10.22**

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421512	03/05/26	39202	HARTWIG PLUMBING	44720	20260929	PLUMBING REPAIRS	FACIL	$600.00
							Total	**$600.00**
421513	03/05/26	36055	HENDERSON	44577	20260315	PARTS	FLEET	$378.90
							Total	**$378.90**
421514	03/05/26	474	HIGHLAND PARK ELECTRIC	44683	20261140	BEECH LANE 151895	ENG	$375.00
				44736	20260788	LIGHTING MAINTENANCE	STR	$1,525.00
				44738	20260788	LIGHTING MAINTENANCE	STR	$2,000.00
							Total	**$3,900.00**
421515	03/05/26	1326	HIGHLAND PARK FORD	44568	20260248	PARTS	FLEET	$112.20
				44569	20260248	PARTS	FLEET	$269.00
				44570	20260248	PARTS	FLEET	$35.09
				44688	20260476	SUPPLIES	FD	$11.06
				44689	20260476	SUPPLIES	FD	$5.96
				44691	20260476	SUPPLIES	FD	$372.90
				44692	20261138	SUPPLIES	FD	$990.00
				44754	20260357	FLEET VEHICLE PARTS	PD	$68.32
				44755	20260357	FLEET VEHICLE PARTS	PD	$268.40
				44756	20261173	OUTSIDE REPAIRS	PD	$70.86
				44804		FY2025 PARTS	FD	$11.00
							Total	**$2,214.79**
421516	03/05/26	35907	IDA GREENFIELD	44768	20260773	R - CLASSES BETTER BALANCE	SNR	$1,170.00
							Total	**$1,170.00**
421517	03/05/26	7262	IL DEPT TRANSPORTATION STATE TREASURER	44658	20260792	IDOT TRAFFIC SIGNAL	STR	$4,254.54
							Total	**$4,254.54**
421518	03/05/26	21102	ILLINOIS DEPT PUBLIC HEALTH	44739		VITAL RECORDS SURCHARGE DISBURSEMENT	FIN	$3,660.00
							Total	**$3,660.00**
421519	03/05/26	1430	IRELAND HEATING	44722	20260784	HVAC MAINTENANCE	FACIL	$232.50
				44723	20260784	HVAC MAINTENANCE	FACIL	$116.25
							Total	**$348.75**
421520	03/05/26	17853	JUDITH SAMUELSON	44775	20260772	R - CLASSES BETTER BALANCE	SNR	$1,080.00

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							Total	**$1,080.00**
421521	03/05/26	31064	JUDITH STERN FRIEDMAN	44766	20260720	R - CLASSES MOVE LIFE CRAFT	SNR	$300.00
							Total	**$300.00**
421522	03/05/26	39023	JUSTIFACTS CREDENTIAL VERIFICATION	44713	20260968	BACKGROUND CHECKS ANNUAL	HLTH	$526.88
							Total	**$526.88**
421523	03/05/26	39743	KAPLAN PAVING	44662		REFUND - EXTR-2025-02312	BLDG	$250.00
							Total	**$250.00**
421524	03/05/26	39944	KATHERINE WAGNER	44778	20260770	R - CLASSES MELANGE MOVEMENT	SNR	$420.00
							Total	**$420.00**
421525	03/05/26	38244	KLOEPFER	44665	20261126	EMERGENCY WATER MAIN REPAIR	SEWER	$16,655.00
							Total	**$16,655.00**
421526	03/05/26	905	LALUZERNE SMITH	44798	20260299	LEGAL SERVICES	LEGL	$5,774.00
							Total	**$5,774.00**
421527	03/05/26	33393	LAW ENFORCEMENT RECORDS	44753	20260053	ANNUAL DUES	PD	$40.00
							Total	**$40.00**
421528	03/05/26	1908	LAWSON PRODUCTS	44597	20260319	SUPPLIES	FLEET	$245.07
							Total	**$245.07**
421529	03/05/26	38916	ACER TREE	44653	20260468	TREE MAINTENANCE	FORST	$369.25
							Total	**$369.25**
421530	03/05/26	13282	LESLIE FENSTER	44765	20260738	R - CLASSES SPANISH	SNR	$813.20
							Total	**$813.20**
421531	03/05/26	20570	LINDCO EQUIPMENT	44573	20260341	PARTS	FLEET	$430.72
							Total	**$430.72**
421532	03/05/26	39858	LINDE GAS EQUIPMENT	44588	20260250	GASES	FLEET	$239.95
							Total	**$239.95**
421533	03/05/26	40034	LISA RUDE	44774	20260733	R - CLASSES NIA FIT	SNR	$392.00
							Total	**$392.00**
421534	03/05/26	40366	MARK LEVERENTZ	44697		R - AR - 8099 - 28446 REFUND RETIREMENT	FIN	$0.26
							Total	**$0.26**
421535	03/05/26	39983	MARY HAYES	44696		R - AR - 1196 - 28457 REFUND RETIREMENT	FIN	$5.55

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							Total	**$5.55**
421536	03/05/26	38854	MATTHEW SHAUGHNESSY	44721	20260888	R - TUITION REIMBURSEMENT	HLTH	$2,130.00
							Total	**$2,130.00**
421537	03/05/26	3027	MCMASTER-CARR	44699	20261031	SUPPLIES	FD	$16.64
							Total	**$16.64**
421538	03/05/26	3027		44792	20260148	SUPPLIES	WP	$131.50
							Total	**$131.50**
421539	03/05/26	697	MENONI MOCOGNI	44705	20260273	CONCRETE	STR	$1,768.25
							Total	**$1,768.25**
421540	03/05/26	39940	MES I ACQUISITION	44784	20260597	EQUIPMENT	FD	$140.00
							Total	**$140.00**
421541	03/05/26	17623	MUNICIPAL GIS PARTNERS	44664	20260469	GIS SERVICES PROGRAM STAFFING	PW	$18,703.30
							Total	**$18,703.30**
421542	03/05/26	749	MUTUAL ACE HARDWARE	44578	20260184	PARTS	FLEET	$30.51
				44675	20260373	SUPPLIES	SEWER	$53.98
				44702	20260115	SUPPLIES	WTRDS	$16.19
				44703	20260115	SUPPLIES	WTRDS	$35.96
				44724	20260409	SUPPLIES	FACIL	$11.86
				44725	20260409	SUPPLIES	FACIL	$117.41
				44727	20260373	SUPPLIES	SEWER	$247.07
							Total	**$512.98**
421543	03/05/26	4002	NORTH EAST MULTI-REGIONAL TRAINING	44751	20261081	NEMRT FEES	PD	$150.00
							Total	**$150.00**
421544	03/05/26	4218	NORTH SHORE GAS	1901029		SRVS @ 525 CENTRAL AVE	FIN	$75.65
				1901128		SRVS @ 2035 RICHFIELD AVE	FIN	$98.56
				1901230		SRVS @ 1707 ST JOHNS AVE	FIN	$102.60
				1901329		SRVS @ 50 LOGAN LOOP	FIN	$196.66
				1901427		SRVS @ 977 VILLAS CT	FIN	$98.49
				1901627		SRVS @ 2035 RICHFIELD AVE	FIN	$370.79
				2206217		SRVS @ 1088 HALF DAY RD	FIN	$103.66

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							Total	**$1,046.41**
421545	03/05/26	1396	NORTH SHORE WATER RECLAMATION DISTRICT	44803		FY2025 UTILITY FEES	PW	$2,560.03
							Total	**$2,560.03**
421546	03/05/26	33907	NORTHWEST TRUCKS	44571	20260252	PARTS	FLEET	$230.49
							Total	**$230.49**
421547	03/05/26	33910	ON TIME EMBROIDERY	44693	20260849	UNIFORM SUPPLIES	FD	$335.00
				44694	20260850	UNIFORM SUPPLIES	FD	$76.00
							Total	**$411.00**
421548	03/05/26	38930	PACE ANALYTICAL	44744	20260847	PROFESSIONAL SERVICES	WP	$538.00
							Total	**$538.00**
421549	03/05/26	39521	PAMELA KRAMER	44772	20260708	R - ACTIVITIES BOOK CLUB	SNR	$125.00
							Total	**$125.00**
421550	03/05/26	37761	PARAGON MICRO	44704	20261168	COMPUTER SERVICES	CS	$12,360.00
							Total	**$12,360.00**
421551	03/05/26	38921	PEERLESS NETWORK	44790		CITY PHONES	FIN	$4,594.35
							Total	**$4,594.35**
421552	03/05/26	9102	POMP'S TIRE	44595	20260240	TIRES	FLEET	$901.20
				44596	20260240	TIRES	FLEET	$791.32
							Total	**$1,692.52**
421553	03/05/26	34396	RIPPLE PUBLIC RELATIONS	44680	20260998	EVENT - RETAINER HP EVENTS	CMO	$8,409.09
							Total	**$8,409.09**
421554	03/05/26	25207	RUSH TRUCK CENTER ILLINOIS	44589	20260274	PARTS	FLEET	$177.90
				44590	20260274	PARTS	FLEET	($55.90)
				44591	20261099	PARTS	FLEET	$3,021.20
				44592	20261099	PARTS	FLEET	($1,330.00)
							Total	**$1,813.20**
421555	03/05/26	11611	SDS HOLDINGS	44671	20260009	UNIFORM SUPPLIES	FORST	$144.46
							Total	**$144.46**
421556	03/05/26	12533	SHERWIN WILLIAMS	44728	20260394	SUPPLIES	FACIL	$32.90
				44729	20260394	SUPPLIES	FACIL	$39.39

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
				44730	20260394	SUPPLIES	FACIL	$115.47
							Total	**$187.76**
421557	03/05/26	40021	SHOSHANA FRIEDMAN	44767	20260734	R - CLASSES SHAKESPEARE	SNR	$450.00
							Total	**$450.00**
421558	03/05/26	40321	SJ FLYNN PUBLIC	44799	20261221	SSA - 17 RETAINER	CMO	$4,100.00
				44800	20261221	SSA - 17 RETAINER	CMO	$4,100.00
							Total	**$8,200.00**
421559	03/05/26	30672	SNOW SYSTEMS	44801		FY2025 HAND SHOVELING	STR	$11,800.00
				44802		FY2025 HAND SHOVELING	STR	$19,650.00
							Total	**$31,450.00**
421560	03/05/26	26883	STAPLES CREDIT PLAN	44731	20260412	SUPPLIES	FACIL	$239.99
				44732	20260412	SUPPLIES	FACIL	$348.40
				44733	20260412	SUPPLIES	FACIL	$402.73
				44734	20260412	SUPPLIES	FACIL	$12.75
				44735	20261017	FURNISHINGS	FACIL	$3,895.99
							Total	**$4,899.86**
421561	03/05/26	39529	STEPHANIE MILLER HOFMAN	44769	20260709	R - ACTIVITIES BOOK CLUB	SNR	$125.00
							Total	**$125.00**
421562	03/05/26	35908	STEPHEN KAUFMAN	44796	20260737	R - CLASSES CHESS	SNR	$492.80
							Total	**$492.80**
421563	03/05/26	40035	STEVEN HUNTER	44663		REFUND - PLMB-2025-01036	BLDG	$2,000.00
							Total	**$2,000.00**
421564	03/05/26	1004	SUBURBAN BUILDING OFFICIAL	44745	20261210	SBOC MARCH SPRING SCHOOL	BLDG	$2,850.00
							Total	**$2,850.00**
421565	03/05/26	1005	THE ART CENTER - HIGHLAND PARK	44763	20260776	R - CLASSES ART	SNR	$1,234.80
							Total	**$1,234.80**
421566	03/05/26	22779	TYLER TECHNOLOGIES	44747	20260915	THREE VEHICLE PRINTERS	PD	$2,025.00
							Total	**$2,025.00**
421567	03/05/26	15751	UNION PACIFIC RAILROAD	44740	20260608	UP LOT LEASE	FIN	$195.98
							Total	**$195.98**
421568	03/05/26	39179	UNIVERUS SOFTWARE CANADA	44761	20261170	COMPUTER SOFTWARE	SNR	$8,099.81

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				44762	20261170	COMPUTER SOFTWARE	SNR	$238.59
							Total	**$8,338.40**
421569	03/05/26	1599	US POSTMASTER	44678	20260925	POSTAGE HIGHLANDER	CMO	$3,166.66
							Total	**$3,166.66**
421570	03/05/26	31841	USIC LOCATING	44686	20260789	UTILITY LOCATES	WTRDS	$6,626.06
				44698	20260621	UTILITY LOCATES	WTRDS	$1,345.96
							Total	**$7,972.02**
421571	03/05/26	19876	VERIZON WIRELESS	44654	20260488	WATER METER DATA COLLECTORS	WTRDS	$208.52
							Total	**$208.52**
421572	03/05/26	13173	VILLAGE GLENVIEW	44748	20260465	CONSOLIDATED DISPATCH SERVICES	PD	$416,905.86
							Total	**$416,905.86**
421573	03/05/26	39435	VISTRA INTERMEDIATE	44667	20260014	ELECTRICITY	WP	$1,299.13
				44743	20260014	ELECTRICITY	WP	$508.99
				44787	20260014	ELECTRICITY	WP	$3,612.25
				44788	20260014	ELECTRICITY	WP	$39,556.01
							Total	**$44,976.38**
421574	03/05/26	34483	ZORO TOOLS	44668	20260149	SUPPLIES	WP	$257.58
				44786	20260878	MACHINERY EQUIPMENT	FD	$53.33
							Total	**$310.91**
							Total	**$798,275.93**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
677	03/05/26	29114	CAROL ANN KING	44771	20260781	R - CLASSES SIT BE FIT TRIPLE FIT	SNR	$2,320.00
							Total	**$2,320.00**
678	03/05/26	32860	JPMORGAN CHASE MASTERCARD	44737		FEBRUARY 2026 CREDIT CARD	FIN	$15,701.39
							Total	**$15,701.39**
679	03/05/26	37168	KEN NING	44773	20260775	R - CLASSES TAI CHI	SNR	$320.00
							Total	**$320.00**
680	03/05/26	15441	WILLIAMS ARCHITECTS	44700	20260926	ARCHITECTURAL ENGINEERING SERVICES	FD	$9,835.12
							Total	**$9,835.12**
							Total	**$28,176.51**

Bank code : aphpbt

Warrant	Date	Vendor		Invoice	PO #	Description/Account	Amount
296589	3/12/2026	039109	2015-3 IH2 BORROWER	Ref000290264		UB REFUND 955 GREEN BAY	61.85
						Total :	**61.85**
296590	3/12/2026	039110	MEODED EREZ	Ref000290265		UB REFUND 860 GREEN BAY	50.83
						Total :	**50.83**
296591	3/12/2026	039111	OZDARYL BURAK	Ref000290266		UB REFUND 2078 LINDEN	47.80
						Total :	**47.80**

3 Vouchers for bank code : aphpbt **Bank total :** **160.48**

3 Vouchers in this report **Total vouchers :** **160.48**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
421575	03/12/26	34115	A TONER WAREHOUSE	44929	20261132	OFFICE SUPPLIES	FD	$256.00
							Total	**$256.00**
421576	03/12/26	33449	ADVOCATE	44830	20260202	R - MEDICAL SERVICES PACE	TRNST	$246.00
				44892	20260860	MEDICAL SERVICES PW OPS	PW	$264.00
							Total	**$510.00**
421577	03/12/26	40175	AETNA TRUCK PARTS	44817	20260246	PARTS	FLEET	$894.32
				44818	20261191	PARTS	FLEET	$367.18
							Total	**$1,261.50**
421578	03/12/26	38615	ALFRED BENESCH	44883	20260685	ST JOHNS BRIDGE	ENG	$41,414.54
							Total	**$41,414.54**
421579	03/12/26	32351	ALL TRAFFIC SOLUTIONS	44943	20261024	SOLAR PANELED RADAR SIGN	PD	$3,727.39
							Total	**$3,727.39**
421580	03/12/26	2669	AMALGAMATED BANK CHICAGO	44938	20260756	ADMIN FEE GO BOND 2025	FIN	$475.00
				44941	20260755	ADMIN FEE GO BOND 2024	FIN	$475.00
				44942	20260753	ADMIN FEE GO BOND 2022	FIN	$475.00
							Total	**$1,425.00**
421581	03/12/26	38992	ANGEL CARRILLO	44839	20261269	R - CDL RENEWAL REIMBURSEMENT	SEWER	$61.35
							Total	**$61.35**
421582	03/12/26	31277	ARMANDO SUAREZ JR.	44829	20260716	R - TOOLS PACE MECHANIC AIDE	TRNST	$77.52
							Total	**$77.52**
421583	03/12/26	35650	ASHLEY PALBITSKA	44882	20261260	R - TYLER CONFERENCE FLIGHTS	CLRK	$522.53
							Total	**$522.53**
421584	03/12/26	29808	AXON ENTERPRISES	44902	20260819	AXON DIGITAL EVIDENCE SYSTEM LEASE	PD	$6,300.24
				44903	20260819	AXON DIGITAL EVIDENCE SYSTEM LEASE	PD	$23,530.75
				44904	20260819	AXON DIGITAL EVIDENCE SYSTEM LEASE	PD	$1,886.29
				44905	20260819	AXON DIGITAL EVIDENCE SYSTEM LEASE	PD	$150,110.88
				44906	20260819	AXON DIGITAL EVIDENCE SYSTEM LEASE	PD	$10.90
							Total	**$181,839.06**
421585	03/12/26	40346	BARNETT MARSHA RUTTENBERG	44861	20261128	EASEMENT PURCHASE	ENG	$13,500.00
							Total	**$13,500.00**
421586	03/12/26	29404	CCMSI	44933	20260831	PROPERTY CASUALTY DEDUCTIBLES	FIN	$6,165.00

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							Total	**$6,165.00**
421587	03/12/26	18105	CDW GOVERNMENT	44847	20260036	SUPPLIES	WP	$45.38
				44848	20260036	SUPPLIES	WP	$83.46
							Total	**$128.84**
421588	03/12/26	33433	CHRISTOPHER B. BURKE ENGINEERING	44885	20260305	BBD BLUEGRASS ALLEY	ENG	$1,605.00
							Total	**$1,605.00**
421589	03/12/26	33433		44875	20261065	ENG SERVICE	FACIL	$1,605.00
				44877	20261065	ENG SERVICE	FACIL	$33,277.08
							Total	**$34,882.08**
421590	03/12/26	38158	CHRISTOPHER GOTTSCHALK	44890	20260886	R - TUITION REIMBURSEMENT	HLTH	$785.60
							Total	**$785.60**
421591	03/12/26	23349	CINTAS #22	44849	20260001	UNIFORM RENTAL	WP	$63.94
							Total	**$63.94**
421592	03/12/26	23349		44805	20260237	UNIFORM RENTAL	FLEET	$100.69
				44806	20260195	UNIFORM RENTAL	TRNST	$15.69
				44807	20260400	UNIFORM RENTAL	FACIL	$31.18
				44808	20260417	UNIFORM RENTAL	SEWER	$84.97
				44809	20260365	UNIFORM RENTAL	SEWER	$95.82
				44810	20260366	UNIFORM RENTAL	SEWER	$77.02
				44900	20260048	UNIFORM RENTAL	PD	$6.70
				44907	20260048	UNIFORM RENTAL	PD	$12.40
				44930	20260158	UNIFORM RENTAL	FD	$13.35
							Total	**$437.82**
421593	03/12/26	24024	CITYTECH USA	44889	20261205	PUBLIC SALARY ANNUAL MEMBERSHIP	CMO	$390.00
							Total	**$390.00**
421594	03/12/26	35430	COMMONWEALTH EDISON	1840431		SRVS @ SECOND ST CENTRAL	FIN	$1.09
				1840633		SRVS @ 500 HAZEL AVE	FIN	$44.49
				1900929		SRVS @ 1E SHERIDAN PARK AVE	FIN	$42.17
				220638		SRVS @ 1 E SHERIDAN	FIN	$18.85
							Total	**$106.60**
421595	03/12/26	33260	CONSTELLATION	44850	20260300	NATURAL GAS	WP	$6,948.36

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$6,948.36**
421596	03/12/26	11789	DENNY'S RESTAURANTS	44842	20260868	EMERGENCY CREW MEAL	STR	$115.68
				44934	20260934	EMERGENCY CREW MEAL	STR	$89.06
				44935	20260868	EMERGENCY CREW MEAL	STR	$15.17
							Total	**$219.91**
421597	03/12/26	31130	DEPENDABLE FIRE EQUIPMENT	44812	20260234	FIRE EXTINGUSHER	FLEET	$568.50
							Total	**$568.50**
421598	03/12/26	40371	EDDIE KUGLER	44835		REFUND - VEND-009324-2026	CMO	$100.00
							Total	**$100.00**
421599	03/12/26	32102	EPIC BUSINESS	44880	20261163	OFFICE SUPPLIES	CMO	$41.85
							Total	**$41.85**
421600	03/12/26	39582	ERIC PARFENOFF	44876	20261265	R - REIMBURSEMENT ELECTRICAL PLAN	BLDG	$255.00
							Total	**$255.00**
421601	03/12/26	34351	EUROFINS EATON ANALYTICAL	44854	20260930	LAB SERVICES	WP	$35.25
				44855	20260930	LAB SERVICES	WP	$35.25
							Total	**$70.50**
421602	03/12/26	37896	FILMTEC	44937	20260825	MEMBRANE MODULE REPLACEMENT	WP	$1,498,234.00
							Total	**$1,498,234.00**
421603	03/12/26	2242	FIRST AYD	44814	20260217	PARTS	FLEET	$1,156.60
							Total	**$1,156.60**
421604	03/12/26	33100	FOSTER COACH SALES	44931	20261159	SUPPLIES	FD	$63.40
				44932	20261159	SUPPLIES	FD	$274.15
							Total	**$337.55**
421605	03/12/26	23546	GALE CERABONA	44879	20260438	HC MINUTE TAKER SERVICES	PLAN	$265.00
							Total	**$265.00**
421606	03/12/26	40349	GASVODA	44851	20261103	SUPPLIES	WP	$937.16
							Total	**$937.16**
421607	03/12/26	40019	GENUINE PARTS	44821	20260675	PARTS	FLEET	$78.61
				44822	20260675	PARTS	FLEET	$85.84
				44823	20260675	PARTS	FLEET	$315.89
				44824	20260675	PARTS	FLEET	$102.08

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
				44825	20260675	PARTS	FLEET	$319.48
				44826	20260675	PARTS	FLEET	$215.04
				44827	20260675	PARTS	FLEET	($48.00)
				44828	20260675	PARTS	FLEET	$62.16
							Total	**$1,131.10**
421608	03/12/26	22533	GRAINGER	44939	20260229	SUPPLIES	STR	$77.76
				44940	20260229	SUPPLIES	STR	$554.17
							Total	**$631.93**
421609	03/12/26	6794	H-O-H CHEMICALS	44927	20261242	SUPPLIES	WP	$1,223.28
							Total	**$1,223.28**
421610	03/12/26	1326	HIGHLAND PARK FORD	44811	20260248	PARTS	FLEET	$30.86
				44896	20260357	VEHICLE PARTS	PD	$86.00
				44897	20261173	OUTSIDE REPAIRS	PD	$72.12
							Total	**$188.98**
421611	03/12/26	3809	HIGHLAND PARK PUBLIC LIBRARY	44886	20260833	2026 REPLACEMENT TAX	FIN	$3,226.97
							Total	**$3,226.97**
421612	03/12/26	25342	JOSEPH J HENDERSON	44949	20260987	WEST MASTER METER REPLACEMENT PROJECT	WP	$309,007.06
							Total	**$309,007.06**
421613	03/12/26	40353	KEVIN KWONG	44857	20261259	R - RENTAL REGISTRATION REFUND	FIN	$60.00
							Total	**$60.00**
421614	03/12/26	1309	LAKE COUNTY CLERK RECORDING	44954	20260436	R - RECORDING FEES	PLAN	$682.00
							Total	**$682.00**
421615	03/12/26	7917	LEACH ENTERPRISES	44816	20260249	PARTS	FLEET	$38.88
							Total	**$38.88**
421616	03/12/26	26539	LOGSDON OFFICE	44928	20260439	SUPPLIES	PLAN	$113.30
							Total	**$113.30**
421617	03/12/26	40369	MARCY MILLER	44831		R - AR - 15531 - 21672 REFUND ALARM	FIN	$25.00
				44832		R - AR - 15531 - 13626 REFUND ALARM	FIN	$25.00
				44833		R - AR - 15531 - 9876 REFUND ALARM	FIN	$25.00
				44834		R - AR - 5851 - 15531 REFUND ALARM	FIN	$35.00

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$110.00**
421618	03/12/26	39949	MATRIX IMAGING SOLUTIONS	44860	20260605	WATER BILL POSTAGE	FIN	$2,299.83
							Total	**$2,299.83**
421619	03/12/26	697	MENONI MOCOGNI	44845	20261124	MATERIAL HAULING	STR	$24,407.29
				44869	20260370	SUPPLIES	SEWER	$195.00
							Total	**$24,602.29**
421620	03/12/26	16847	METROPOLITAN INDUSTRIES	44846	20260372	LIFT STATION SERVICES	SEWER	$3,280.00
							Total	**$3,280.00**
421621	03/12/26	17838	MID AMERICAN WATER	44924	20261119	SUPPLIES	WTRDS	$4,858.26
				44925	20261105	SUPPLIES	WTRDS	$2,424.88
							Total	**$7,283.14**
421622	03/12/26	22886	MIDWEST MOTOR	44898	20260342	SHOP SUPPLIES	PD	$76.09
							Total	**$76.09**
421623	03/12/26	37013	MIKE BILL	44873	20261264	R - MEMBERSHIP REIMBURSEMENT	BLDG	$150.00
							Total	**$150.00**
421624	03/12/26	2078	MOTOROLA	44952	20260297	STARCOM AIRTIME FEES	PD	$3,076.00
							Total	**$3,076.00**
421625	03/12/26	749	MUTUAL ACE HARDWARE	44813	20260184	PARTS	FLEET	$64.77
							Total	**$64.77**
421626	03/12/26	37287	NAMETAGCOUNTR	44867	20261230	NAME TAGS	ENG	$88.20
				44868	20261090	NAME TAGS	STR	$16.80
							Total	**$105.00**
421627	03/12/26	39121	NICHOLAS OBRZUT	44893	20260887	R - TUITION REIMBURSEMENT	HLTH	$500.00
							Total	**$500.00**
421628	03/12/26	36922	NORTH SHORE AUTO SPA	44909	20260355	CAR WASHES DETAILING	PD	$241.00
							Total	**$241.00**
421629	03/12/26	1396	NORTH SHORE WATER RECLAMATION DISTRICT	44951	20261252	FY2025 WASTE DISPOSAL	WP	$5,245.39
							Total	**$5,245.39**
421630	03/12/26	2	PETER BAKER	44843	20260265	ASPHALT	STR	$425.00
				44844	20260265	ASPHALT	STR	$1,411.50

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$1,836.50**
421631	03/12/26	40360	POS SUPPLY SOLUTIONS	44953	20261184	THERMAL PAPER	PD	$152.90
							Total	**$152.90**
421632	03/12/26	37468	RLB HYDRAULIC	44819	20260256	REPAIRS	FLEET	$520.95
							Total	**$520.95**
421633	03/12/26	14680	ROWELL CHEMICAL	44852	20260263	CHEMICAL SUPPLIES	WP	$10,994.41
							Total	**$10,994.41**
421634	03/12/26	11611	SDS HOLDINGS	44838	20260419	UNIFORM SUPPLIES	STR	$976.18
				44853	20260982	UNIFORM SUPPLIES	ENG	$207.84
							Total	**$1,184.02**
421635	03/12/26	18887	SE-INC	44881	20260835	EVENTS SERVICES	CMO	$2,250.00
							Total	**$2,250.00**
421636	03/12/26	40123	SHERIDAN PLUMBING	44955	20261296	ENG - US ROUTE 41 WM	ENG	$238,683.78
							Total	**$238,683.78**
421637	03/12/26	1004	SUBURBAN BUILDING OFFICIAL CONFERENCE	44862	20261263	MEMBERSHIP DUES	BLDG	$100.00
				44863	20261262	TRAINING SESSIONS SPRING SCHOOL	BLDG	$300.00
							Total	**$400.00**
421638	03/12/26	40084	SWA GROUP	44894	20260780	PLACE OF REMEMBRANCE DESIGN	CMO	$11,340.00
							Total	**$11,340.00**
421639	03/12/26	36430	THE HOWARD E NYHART	44936	20260754	ACTUARIAL STUDY POLICE PENSION	FIN	$3,000.00
							Total	**$3,000.00**
421640	03/12/26	1749	PATSON	44820	20261193	PARTS	FLEET	$619.32
							Total	**$619.32**
421641	03/12/26	30073	TRANSPORTATION LAKE COUNTY	44874	20260790	TRAFFIC SIGNAL SERVICES	STR	$18,564.50
							Total	**$18,564.50**
421642	03/12/26	40055	TRINE	44950	20260995	LSL REPLACEMENT PROJECT	PW	$276,600.37
							Total	**$276,600.37**
421643	03/12/26	1599	US POSTMASTER	44870	20261232	PERMIT 97 NEWS LETTER POSTAGE	SNR	$5,900.00
							Total	**$5,900.00**
421644	03/12/26	40362	VEHICLE SAFETY	44908	20261186	PORTABLE LIGHT BAR	PD	$464.04

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$464.04**
421645	03/12/26	38898	VERIZON	44815	20260281	GPS SERVICES	FLEET	$783.02
							Total	**$783.02**
421646	03/12/26	39435	VISTRA INTERMEDIATE	2197030		SRVS @ 0 ST JOHNS AVE	FIN	$51.40
				2197125		SRVS @ 3430 WESTERN AVE	FIN	$48.26
				2197230		SRVS @ 50 LOGAN LOOP	FIN	$354.42
				2197320		SRVS @ 1700 N ST JOHNS AVE	FIN	$1,699.47
				2197729		SRVS @ 0 SHERIDAN RD OLD ELM	FIN	$43.80
				2197825		SRVS @ 2W CENTRAL	FIN	$771.26
				2197926		SRVS @ FIRST ST ELM ST	FIN	$57.87
				2198029		SRVS @ 600 CENTRAL	FIN	$2,495.46
				2198126		SRVS @ 1849 GREENBAY	FIN	$327.54
				2198528		SRVS @ 1793 FIRST ST	FIN	$934.85
				2198729		SRVS @ 1377 DEER CREEK PKWY	FIN	$47.79
				2198829		SRVS @ 0 GREENBAY	FIN	$178.61
				2198931		SRVS @ 1769 EASTWOOD	FIN	$47.93
				2199031		SRVS @ OLD DEERFIELD	FIN	$43.35
				2199128		SRVS @ 2888 LEXINGTON	FIN	$48.27
				2199226		SRVS @ 605 LAUREL AVE	FIN	$108.67
				2199322		SRVS @ 0 SE LAUREL FIRST	FIN	$31.75
				2302422		SRVS @ 438 CENTRAL	FIN	$20.09
							Total	**$7,310.79**
421647	03/12/26	40150	WESTCOM WIRELESS	44841	20260363	SUPPLIES	SEWER	$4,977.00
							Total	**$4,977.00**
421648	03/12/26	34483	ZORO TOOLS	44926	20260149	SUPPLIES	WP	$49.92
							Total	**$49.92**
							Total	**$2,716,362.03**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
661	03/13/26	2720	POLICE PENSION FUND	44962	20260827	PPRT DISTRIBUTION	FIN	$34,336.42
							Total	**$34,336.42**
681	03/12/26	39182	AMAZON CAPITAL SERVICES	44871	20260946	OFFICE SUPPLIES	CMO	$51.60
				44872	20261106	OFFICE SUPPLIES	CMO	$60.26
				44878		SUPPLIES	FIN	($45.99)
				44887	20260551	OFFICE SUPPLIES	FIN	$39.06
				44888	20260551	OFFICE SUPPLIES	FIN	$126.36
				44895	20260919	OFFICE SUPPLIES	PD	$54.10
				44911	20260966	LOCKUP SUPPLIES	PD	$56.77
				44912	20261094	LASER ENGRAVER	PD	$1,804.65
				44914	20260498	OFFICE SUPPLIES	FD	$74.05
				44915	20261022	SUPPLIES	FD	$11.96
				44916	20260037	SUPPLIES	WP	$81.98
				44917	20260406	SUPPLIES	FACIL	$163.17
				44919	20260936	SUPPLIES	ENG	$158.16
				44920	20260936	SUPPLIES	ENG	$195.58
				44921	20261072	PARTS	FLEET	$284.99
				44922	20260921	SUPPLIES	FLEET	$65.07
				44923	20260764	SUPPLIES	PD	$331.43
							Total	**$3,513.20**
682	03/12/26	2527	UNITED PARCEL SERVICE	44856	20260034	SHIPPING FEES	WP	$13.79
							Total	**$13.79**
683	03/12/26	36932	VISA FLEX COMMERCIAL CARD	44858	20260416	SUPPLIES	FACIL	$863.82
				44859	20260416	SUPPLIES	FACIL	$119.98
							Total	**$983.80**
684	03/12/26	30071	WEST GOVERNMENT SERVICES	44899	20260124	CLEAR INVESTIGATIVE SOFTWARE	PD	$581.70
							Total	**$581.70**
685	03/13/26	2721	FIREMENS PENSION FUND	44963	20260834	PPRT DISTRIBUTION	FIN	$27,640.57
							Total	**$27,640.57**
							Total	**$67,069.48**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
421649	03/19/26	6066	ABC PRINTING	45006	20260548	OFFICE SUPPLIES	FIN	$612.75
							Total	**$612.75**
421650	03/19/26	38327	AEP ENERGY	1853115		SRVS @ 632 ROGER WILLIAMS AVE	FIN	$259.55
				1853229		SRVS @ 100 HIAWATHA TRL	FIN	$62.31
							Total	**$321.86**
421651	03/19/26	14419	AIR ONE EQUIPMENT	45060	20261133	EQUIPMENT	FD	$125.00
				45061	20261135	SUPPLIES	FD	$905.00
				45143	20261025	EQUIPMENT	FD	$270.00
				45144	20261226	SUPPLIES TURNOUT BOOTS	FD	$459.00
							Total	**$1,759.00**
421652	03/19/26	31268	ALPHA PRIME	45063	20261330	EQUIPMENT	FD	$528.00
							Total	**$528.00**
421653	03/19/26	31277	ARMANDO SUAREZ JR.	45018	20261236	R - TOOL ALLOWNACE	TRNST	$325.00
				45019	20260716	R - TOOLS PACE MECHANIC	TRNST	$51.53
							Total	**$376.53**
421654	03/19/26	34884	ATLAS COPCO COMPRESSORS	45153	20260421	SUPPLIES	WP	$268.55
							Total	**$268.55**
421655	03/19/26	34391	B & F CONSTRUCTION CODE	45149	20260448	R - PLAN REVIEW SERVICES	PLAN	$3,592.90
							Total	**$3,592.90**
421656	03/19/26	38946	BIANCA RAMIREZ	45043	20261278	R - TUITION REIMBURSEMENT	HLTH	$1,794.00
							Total	**$1,794.00**
421657	03/19/26	38677	BOWMAN CONSULTING	45036	20260534	LINDEN AVE	ENG	$648.24
							Total	**$648.24**
421658	03/19/26	23349	CINTAS #22	44956	20260237	UNIFORM RENTAL	FLEET	$100.69
				44957	20260195	UNIFORM RENTAL	TRNST	$15.69
				44958	20260400	UNIFORM RENTAL	FACIL	$31.18
				44959	20260417	UNIFORM RENTAL	SEWER	$84.97
				44960	20260365	UNIFORM RENTAL	SEWER	$95.82
				44961	20260366	UNIFORM RENTAL	SEWER	$77.02
				45050	20260048	UNIFORM RENTAL	PD	$6.70
				45064	20260158	UNIFORM RENTAL	FD	$7.65

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
				45151	20260048	FY2025 UNIFORM RENTAL	PD	$12.72
				45152	20260048	FY2025 UNIFORM RENTAL	PD	$7.02
							Total	**$439.46**
421659	03/19/26	23349		45016	20260001	UNIFORM RENTAL	WP	$63.94
							Total	**$63.94**
421660	03/19/26	14137	CIVILTECH ENGINEERING	45037	20260644	UTILITY FEE	ENG	$152.19
							Total	**$152.19**
421661	03/19/26	26496	COMCAST CABLE	45052	20260049	MONTHLY CONVERTER BOXES	PD	$42.29
							Total	**$42.29**
421662	03/19/26	35430	COMMONWEALTH EDISON	1840835		SRVS @ 777 N ST JOHNS AVE	FIN	$50.22
							Total	**$50.22**
421663	03/19/26	233	CRAFTWOOD LUMBER	45008	20261203	SUPPLIES	WP	$99.15
							Total	**$99.15**
421664	03/19/26	39447	CREDIT SERVICE INTERNATIONAL	45011	20261328	COLLECTIONS FEE DUE	FIN	$4.75
				45014	20261333	COLLECTIONS FEE DUE	FIN	$13.30
							Total	**$18.05**
421665	03/19/26	36121	D & A ENTERPRISES	45080	20260997	SNOW HAULING	STR	$2,741.25
							Total	**$2,741.25**
421666	03/19/26	40375	DAVID BRITTON	45085	20261356	R - PARKING PERMIT REFUND	FIN	$35.00
							Total	**$35.00**
421667	03/19/26	11789	DENNY'S RESTAURANTS	45022	20260934	EMERGENCY CREW MEAL	STR	$20.76
							Total	**$20.76**
421668	03/19/26	21803	DULTMEIER SALES	44976	20261239	PARTS	FLEET	$163.71
							Total	**$163.71**
421669	03/19/26	23105	EJ EQUIPMENT	44980	20261115	VAC CON PARTS	FLEET	$208.84
				44981	20261115	VAC CON PARTS	FLEET	$136.80
							Total	**$345.64**
421670	03/19/26	40357	ESCH CONSTRUCTION	44983	20261268	SUPPLIES	FLEET	$368.00
							Total	**$368.00**
421671	03/19/26	35434	FBI-LEEDA	45145	20260939	FBI LEEDA 2026	PD	$795.00
							Total	**$795.00**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
421672	03/19/26	36284	FLUID AIRE DYNAMICS	45009	20260956	EQUIPMENT SUPPLIES	WP	$2,843.98
							Total	**$2,843.98**
421673	03/19/26	38944	FREDERICK QUINN	45147		FD2022-001 FIRE STATION	FD	$9,925.00
							Total	**$9,925.00**
421674	03/19/26	38944		45146	20261346	CONSTRUCTION RAVINIA FIRE STATION	FD	$16,158.00
							Total	**$16,158.00**
421675	03/19/26	23546	GALE CERABONA	45033	20260437	HPC MINUTE TAKER SERVICES	PLAN	$265.00
							Total	**$265.00**
421676	03/19/26	35649	GENERAL TRUCK PARTS	44978	20260245	PARTS	FLEET	$75.74
							Total	**$75.74**
421677	03/19/26	40019	GENUINE PARTS	44986	20260675	PARTS	FLEET	$35.69
				44987	20260675	PARTS	FLEET	$35.69
				44988	20260675	PARTS	FLEET	$6.83
				44989	20260675	PARTS	FLEET	$6.83
				44990	20260675	PARTS	FLEET	$11.68
				44991	20260675	PARTS	FLEET	$11.68
				44992	20260675	PARTS	FLEET	$139.06
				44993	20260675	PARTS	FLEET	$139.06
				44994	20260675	PARTS	FLEET	$443.14
				44995	20260675	PARTS	FLEET	$71.10
				44996	20260675	PARTS	FLEET	$47.54
				44997	20260675	PARTS	FLEET	$131.51
				44998	20260675	PARTS	FLEET	$54.23
				45002	20260261	PARTS SUPPLIES PACE BUS	TRNST	$52.80
				45065	20260477	SUPPLIES	FD	$9.24
				45066	20260477	SUPPLIES	FD	$12.52
				45067	20260477	SUPPLIES	FD	$27.72
				45068	20260477	SUPPLIES	FD	$49.36
							Total	**$1,285.68**
421678	03/19/26	22533	GRAINGER	45013	20260147	SUPPLIES	WP	$33.22
				45069	20261235	TOOLS	FD	$13.26

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$46.48**
421679	03/19/26	21615	HASTINGS AIR-ENERGY CONTROL	45070	20261229	SUPPLIES	FD	$147.97
							Total	**$147.97**
421680	03/19/26	474	HIGHLAND PARK ELECTRIC	44967	20260788	LIGHTING MAINTENANCE	STR	$225.00
							Total	**$225.00**
421681	03/19/26	1326	HIGHLAND PARK FORD	44968	20260248	PARTS	FLEET	$190.60
				44969	20260248	PARTS	FLEET	$79.34
				44970	20260248	PARTS	FLEET	$352.00
				44971	20260248	PARTS	FLEET	$113.30
				44972	20260248	PARTS	FLEET	$49.94
				44973	20260248	PARTS	FLEET	$19.06
				45051	20261173	OUTSIDE REPAIRS	PD	$69.22
				45056	20261173	OUTSIDE REPAIRS	PD	$987.60
				45071	20260476	SUPPLIES	FD	$35.59
							Total	**$1,896.65**
421682	03/19/26	39765	IDEA LANGUAGE	45032	20261318	FLYER TRANSLATION FIRE PREVENTION BUREAU	BLDG	$43.31
				45034	20261309	LANDSCAPER LICENSE SPANISH TRANSLATION	CMO	$42.63
							Total	**$85.94**
421683	03/19/26	447	ILLINOIS CHIEFS PD	45053	20260026	ILACP ACCREDITATION FEE	PD	$1,000.00
							Total	**$1,000.00**
421684	03/19/26	8560	ILLINOIS FIRE ADMIN PROFESSIONALS	45072	20261223	MEMBERSHIP DUES	FD	$60.00
							Total	**$60.00**
421685	03/19/26	36879	JOHNS GARAGE	45003	20260213	SNOW PLOW PARTS	FLEET	$500.00
				45004	20261212	SNOW PLOW PARTS	FLEET	$220.00
							Total	**$720.00**
421686	03/19/26	27651	JONES & BARTLETT LEARNING	45073	20261214	BOOKS PERIODICALS	FD	$80.96
							Total	**$80.96**
421687	03/19/26	40372	JOSEPH KELLEY	44944		R - AR - 7716 - 15922 REFUND ALARM	FIN	$25.00
				44945		R - AR - 7716 - 15922 REFUND ALARM	FIN	$35.00

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$60.00**
421688	03/19/26	1908	LAWSON PRODUCTS	44984	20260319	SUPPLIES	FLEET	$60.02
				45001	20260319	SUPPLIES	FLEET	$521.74
							Total	**$581.76**
421689	03/19/26	7917	LEACH ENTERPRISES	44985	20260249	PARTS	FLEET	$15.36
							Total	**$15.36**
421690	03/19/26	38916	ACER TREE SERVICE	45081	20261127	TREE MAINTENANCE	FORST	$1,690.90
				45082	20261127	TREE MAINTENANCE	FORST	$1,266.00
				45083	20261127	TREE MAINTENANCE	FORST	$2,916.40
							Total	**$5,873.30**
421691	03/19/26	39858	LINDE GAS	45074	20260143	OXYGEN SUPPLIES	FD	$116.55
							Total	**$116.55**
421692	03/19/26	2161	LUND INDUSTRIES	45057	20260346	EMERGENCY LIGHTING	PD	$760.67
				45058	20261149	EMERGENCY EQUIPMENT	PD	$1,750.00
							Total	**$2,510.67**
421693	03/19/26	35500	MABAS DIVISION IV	45075	20261351	MEMBERSHIP DUES	FD	$100.00
							Total	**$100.00**
421694	03/19/26	37793	MARTINIZING SUBURBS	45054	20260353	UNIFORM CLEANING ALTERATION REPAIR	PD	$42.00
							Total	**$42.00**
421695	03/19/26	3027	MCMASTER-CARR	44982	20260233	PARTS	FLEET	$48.11
							Total	**$48.11**
421696	03/19/26	3027		44974	20260233	PARTS	FLEET	$258.01
				44975	20260233	PARTS	FLEET	$531.59
				45015	20260148	SUPPLIES	WP	$35.72
				45029	20260148	SUPPLIES	WP	$29.91
				45030	20260148	CREDIT 61227994	WP	($19.56)
							Total	**$835.67**
421697	03/19/26	697	MENONI MOCOGNI	44965	20261118	SUPPLIES	STR	$1,238.40
							Total	**$1,238.40**
421698	03/19/26	29974	MORTON SALT	45024	20260267	LAKE COUNTY DOT ROCK SALT	STR	$9,185.28
				45084	20260267	LAKE COUNTY DOT ROCK SALT	STR	$12,384.23

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
							Total	**$21,569.51**
421699	03/19/26	2078	MOTOROLA	45077	20260604	EQUIPMENT	FD	$1,549.00
							Total	**$1,549.00**
421700	03/19/26	749	MUTUAL ACE HARDWARE	45023	20260228	SUPPLIES	STR	$6.44
							Total	**$6.44**
421701	03/19/26	36876	NEMETH GLASS ILLINOIS	45000	20260183	REPAIR SERVICES	FLEET	$424.85
							Total	**$424.85**
421702	03/19/26	38816	NICHOLAS BARNES	45042	20261332	R - TRAVEL REIMBURSEMENT IPELRA	HLTH	$46.41
							Total	**$46.41**
421703	03/19/26	33910	ON TIME EMBROIDERY	45078	20260587	CLASS A UNIFORM	FD	$62.00
				45079	20261086	SUPPLIES DUTY BOOTS	FD	$189.00
							Total	**$251.00**
421704	03/19/26	9102	POMP'S TIRE	44979	20261326	PARTS	FLEET	$1,200.00
							Total	**$1,200.00**
421705	03/19/26	15519	POSTAGE-BY-PHONE U.S. POSTAL	45005		CITY POSTAGE REPLENISH	FIN	$4,000.00
							Total	**$4,000.00**
421706	03/19/26	34792	ROBINSON ENGINEERING	45045	20261350	FY2025 LSLR PROJECT CONSTRUCTION	WTRDS	$23,750.00
				45046	20261350	FY2025 LSLR PROJECT CONSTRUCTION	WTRDS	$11,875.00
				45047	20261350	FY2025 LSLR PROJECT CONSTRUCTION	WTRDS	$35,625.00
							Total	**$71,250.00**
421707	03/19/26	923	MICHAEL WHITNEY DRAEGERT	44999	20260255	DOT INSPECTIONS	FLEET	$141.50
							Total	**$141.50**
421708	03/19/26	40299	RYAN PRODUCTIONS	45048	20261207	R - ACTIVITIES - CONCERTS	SNR	$300.00
							Total	**$300.00**
421709	03/19/26	11611	SDS HOLDINGS	44966	20260982	UNIFORM SUPPLIES	ENG	$100.00
				45017	20260220	SUPPLIES CLOTHING	FLEET	$44.98
				45025	20260010	UNIFORM SUPPLIES	FORST	$220.40
				45026	20260146	UNIFORM SUPPLIES	WP	$151.96
				45027	20260146	UNIFORM SUPPLIES	WP	$266.97
				45028	20260146	UNIFORM SUPPLIES	WP	$60.19
							Total	**$844.50**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
421710	03/19/26	675	SHARON KLIBANOW	45150	20260520	HC ACCOUNTING SERVICES	PLAN	$416.25
							Total	**$416.25**
421711	03/19/26	34941	SIGNATURE TRANSPORTATION	45049	20260826	R - EXCURSIONS - TRANSPORTATION	SNR	$943.08
							Total	**$943.08**
421712	03/19/26	30672	SNOW SYSTEMS	45021	20260264	HAND SHOVELING	STR	$4,920.00
							Total	**$4,920.00**
421713	03/19/26	40084	SWA GROUP	45044	20260780	PLACE REMEMBRANCE DESIGN	CMO	$34,005.00
							Total	**$34,005.00**
421714	03/19/26	27440	THE JOSSELYN CENTER	45040	20260671	EAP CITY EMPLOYEES	HLTH	$2,800.00
				45041	20260671	EAP CITY EMPLOYEES	HLTH	$3,990.00
							Total	**$6,790.00**
421715	03/19/26	22779	TYLER TECHNOLOGIES	45039	20261331	CONFERENCE TRAINING	CS	$1,499.00
							Total	**$1,499.00**
421716	03/19/26	1599	US POSTMASTER	45007		PERMIT 10 P1 2026	FIN	$370.00
							Total	**$370.00**
421717	03/19/26	19876	VERIZON WIRELESS	45020		CITYWIDE CELL PHONE	FIN	$7,272.72
				45031		CITYWIDE CELL PHONE	FIN	$7,410.54
							Total	**$14,683.26**
421718	03/19/26	39435	VISTRA INTERMEDIATE	2198324		SRVS @ 700 ST. JOHNS	FIN	$117.34
				2198425		SRVS @ 700 ST. JOHNS B	FIN	$51.64
				2198626		SRVS @ SE LAUREL AVE	FIN	$16.80
				2199425		SRVS @ ROGER WILIIAMS	FIN	$203.92
				2206725		SRVS @ 418 SHERIDAN	FIN	$47.66
							Total	**$437.36**
421719	03/19/26	38896	WEX BANK	44977	20261240	WEX FUEL CARDS	FLEET	$249.50
							Total	**$249.50**
							Total	**$227,371.37**

Check #	Date	Ven#	Vendor Name	Inv #	PO #	Description/Account	Dept	Amount
686	03/19/26	33258	BAKER TILLY US	45038	20260606	2025 AUDIT FIELDWORK	FIN	$6,000.00
							Total	**$6,000.00**
687	03/19/26	37935	MACQUEEN EQUIPMENT	45076	20261151	SUPPLIES	FD	$181.64
							Total	**$181.64**
688	03/19/26	38881	WILLIAMS SCOTSMAN	45035	20260948	STORAGE CONTAINER SCULPTURE	CMO	$168.00
							Total	**$168.00**
							Total	**$6,349.64**

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Jennifer Dotson, Executive Assistant to the Mayor and City Manager

Department: City Manager's Office

Title: Appointment to Fill a Vacancy - Sustainability Advisory Group

Recommendation:
Appointment Jessica D. Scott to fill a vacancy on the Sustainability Advisory Group through December 31, 2026.

Attachments:
1. 001 2026 Appointment RFCA for March 30 2026 to fill a vacancy on Sustainability Advisory Group

Appointment to Fill a Vacancy

Sustainability Advisory Group	Term of Service
• Appointment to Fill a Vacancy – Jessica D. Scott	5/1/26 – 12/31/26

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Corey Cohn, Business Development Specialist

Department: City Manager's Office

Title: A Resolution entering into an Exterior Improvement Grant for 172 Skokie Blvd HP LLC d/b/a Artist Frame Services (176 Skokie Valley Road)

Recommendation:
Staff recommends approving funding from the Exterior Improvement Grant Program, not to exceed $20,000 for 172 Skokie Blvd HP LLC d/b/a Artist Frame Services for eligible expenditures at 176 Skokie Valley Road.

Policy Consideration:
In recognition of the importance of independent merchants to the City's vibrancy and tax base, the Exterior Improvement Program Grant (EIP), effective January 1, 2024, encourages the improvement and revitalization of the visible exterior appearance of existing buildings. A copy of the completed application is on file in the City Manager's Office.

Eligible Improvements

- Building cleaning (pressure wash and tuck pointing)
- Installing or replacing landscaping
- Removing excess exterior materials
- Replacing windows

Program Requirements and Required Documentation Received

- The applicant is both the property owner and the business owner. Written consent was included in the application form to implement the improvements and participate in the program.
- Photos of the existing façade with a diagram outlining the scope of the area to be repaired.
- Itemized costs for the proposed project.

Cost Estimates
The applicant provided two cost proposals for the listed eligible improvements. The applicant intends to select the contractor with the lowest bid at a total cost of $51,000. The grant request of $20,000 is in accordance with the City's current ordinance, as it does not exceed the maximum cap of $20,000 or 50% of the total eligible improvements.

Eligibility
172 Skokie Blvd HP LLC has met all program requirements per Chapter 107 of "The Highland Park Code of 1968". The application is eligible for consideration of a grant. Staff confirmed that this business generates sales tax as the program requires. Council action on this item constitutes approval of funding through the EIP contingent on the applicant receiving all necessary permit approvals separate from this application and the submittal of paid invoices.

Core Priorities:

Fiscal Stability
172 Skokie Blvd HP LLC is eligible for a grant up to $20,000. Funds for the Exterior Improvement Grant Program are budgeted in FY2026 in account 1110107.62100 *Business Development Programs & Events*.

Economic Development
The Exterior Improvement Grant directly contributes to economic development by lowering the financial barrier for property owners and sales tax-producing businesses to make necessary structural, functional, and aesthetic upgrades to improve the functionality of the property and place of business. Through the use of this incentive program, the City effectively leverages public funds to stimulate greater private investment in commercial real estate improvements. A higher quality and more modern physical environment helps local sales-tax-generating businesses become more competitive and ensures their long-term retention.

Vibrancy

The Grant Program significantly boosts community vibrancy by directly improving the overall aesthetic of commercial business districts. Enhanced exterior improvements create a welcoming, safe, and visually appealing environment, transforming commercial areas into vibrant destinations. Furthermore, improvements to functionality support a positive patron experience. This increased foot traffic and public engagement in the business districts are key indicators of a thriving and dynamic community life.

Attachments:
1. Resolution Approving EIP Grant to 172 Skokie Blvd HP LLC
2. Existing Facade - 172 Skokie Blvd HP LLC
3. Rendering - 172 Skokie Blvd HP LLC

CITY OF HIGHLAND PARK

RESOLUTION NO. R2026-_____

A RESOLUTION APPROVING AN EXTERIOR IMPROVEMENT GRANT FOR 172 SKOKIE BLVD HP LLC

WHEREAS, the City of Highland Park (***"City"***) recognizes the importance of independent merchants to the City's vibrancy, quality of life, and tax base; and

WHEREAS, Chapter 107 of "The Highland Park Code of 1968", as amended (***"City Code"***), establishes the City's Exterior Improvement Program, through which the City provides financial assistance to sales tax generating businesses and property owners to improve the appearance and image of business properties; and

WHEREAS, the City has designated funds in the City's FY2026 budget to approve Exterior Improvement Program grants (***"EIP Grants"***); and

WHEREAS, 172 Skokie Blvd HP LLC (**"*Applicant*"**) is the owner of the real property located at the address commonly known as 176 Skokie Valley Road (***"Property"***); and

WHEREAS, the Applicant has submitted an application for an EIP Grant from the City to improve the exterior of the Property (***"Approved Eligible Improvements"***); and

WHEREAS, the City Manager has determined that the Applicant qualifies for an EIP Grant and has recommended issuance of an EIP Grant to the Applicant; and

WHEREAS, the City Council has determined that it will serve and be in the best interest of the City to award an EIP Grant to the Applicant in accordance with, and subject to, the conditions, restrictions, and provisions of this Resolution;

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: APPROVAL OF EIP GRANT. Subject to, and contingent upon, the condition set forth in Section Three of this Resolution, the City Council hereby approves the issuance of an EIP Grant to the Applicant in an amount not to exceed 50% of the cost of the Approved Eligible Improvements and up to a maximum of $20,000, in accordance with, and pursuant to, Section 107.006(C) of the City Code and the home rule powers of the City.

SECTION THREE: CONDITION. The approval granted in Section Two of this Resolution is hereby expressly subject to and contingent upon the completion by the Applicant of the construction of the Approved Eligible Improvement within 120 days after the effective date of this Resolution.

SECTION FOUR: EFFECTIVE DATE. This Resolution will be in full force and effect upon its passage and approval by a majority of the members of the City Council.

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

RESOLUTION NO.

_____

Nancy R. Rotering, Mayor

ATTEST:

_

_____

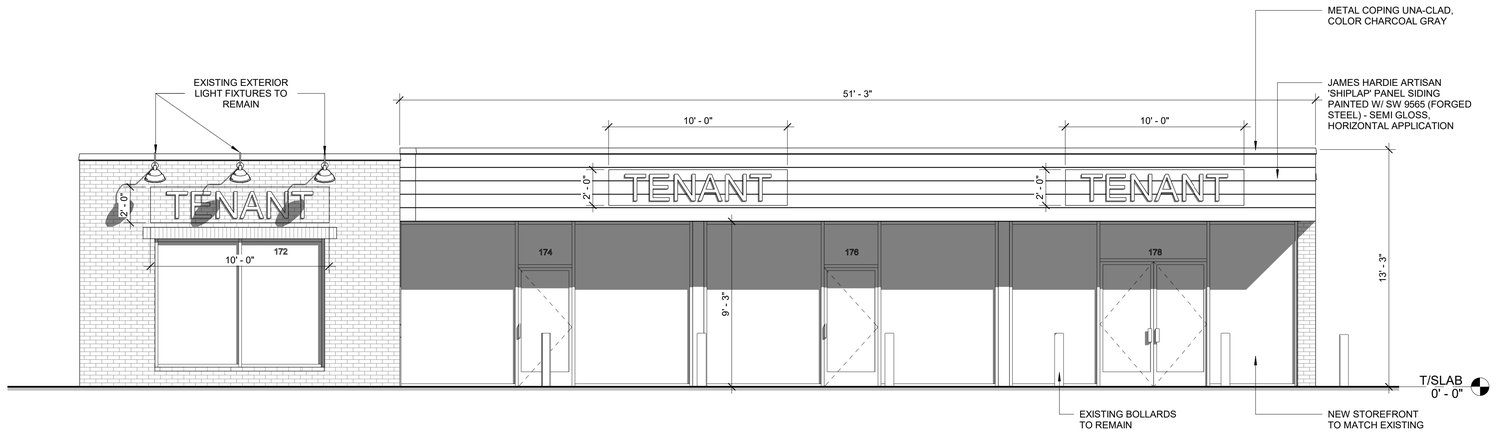
Ghida S. Neukirch, City Clerk


UNIQUE BUILDERS
Additions • Decks • Remodeling
UNIQUE BUILDERS
Additions • Decks • Remodeling
Highland Park Veterinary Clinic
NOW OPEN
HYLAND CLEANERS
Expert Tailor on Duty

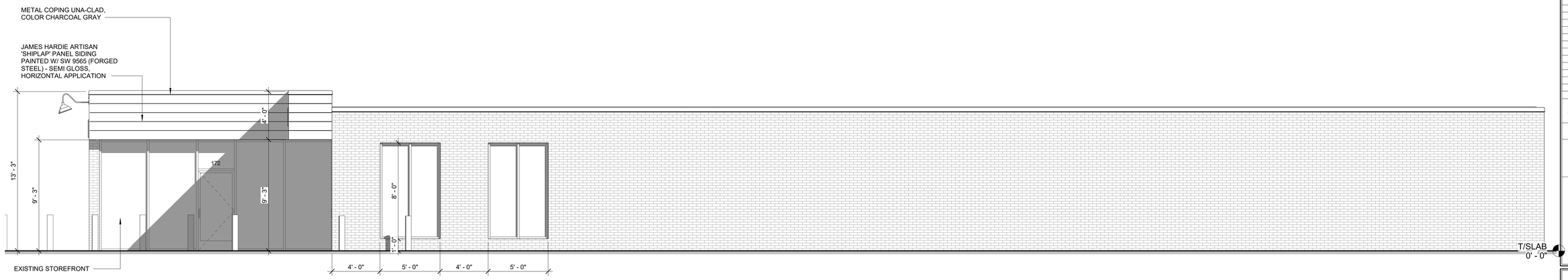
illumination will comply with Sec 150.2007



1 EXISTING FRONT ELEVATION @ #172-178
1/4" = 1'-0"



2 PROPOSED FRONT ELEVATION @ #172-178
1/4" = 1'-0"



3 PROPOSED NORTH ELEVATION 1 @ #172-178
1/4" = 1'-0"

BUILDING ELEVATIONS

FACADE RENOVATION

172-178 SKOKIE VALLEY ROAD
HIGHLAND PARK, IL. 60035

DESIGN STUDIO 24, LLC.
ARCHITECTS - DESIGNERS - PLANNERS
2970 MARIA AVE., SUITE 202, NORTHBROOK, ILLINOIS 60062

NOT PUBLISHED - ALL RIGHTS AND COPYRIGHTS RESERVED. DESIGN STUDIO 24, LLC, EXPRESSLY DISCLAIMS ANY RESPONSIBILITY ARISING FROM ANY UNAUTHORIZED USE OF THE DRAWINGS AND NOTES. ANY AUTHORIZATION MUST BE IN WRITING.

CAUTION: Contractor to verify all existing conditions, dimensions, etc. PRIOR to bid and construction. Contractor to notify owner and architect of any discrepancies. No plea of ignorance to existing conditions found to be different from drawings will be accepted.

CAUTION: This drawing may have been reproduced at a size different than originally drawn. The owner and architect assume no responsibility for the use of incorrect scale. Drawings are NOT to be scaled. Not published. All rights reserved. Notify architect of any discrepancies.

NOTES:

ADDITION AND/OR MODIFICATIONS TO THE EXTERIOR OF THE EXISTING BUILDING VISIBLE FROM THE PUBLIC RIGHT OF WAY (I.E. AWNING, EXTERIOR/ROOF MOUNTED EQUIPMENT, LIGHTING, PARAPET CONSTRUCTION, SIGNAGE, ETC.), REQUIRES DESIGN REVIEW APPROVAL.

AIR-IMPERMEABLE INSULATION WILL BE INSTALLED PER SECTION 1202.3.5.1.3.

STATEMENT OF COMPLIANCE I have prepared, or caused to be prepared under my supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my contractural obligation, they are in compliance with the Codes and Ordinances of Highland Park, Illinois

DATE	Issue Date
REVISIONS	
10.28.2025	ISSUED FOR PERMIT

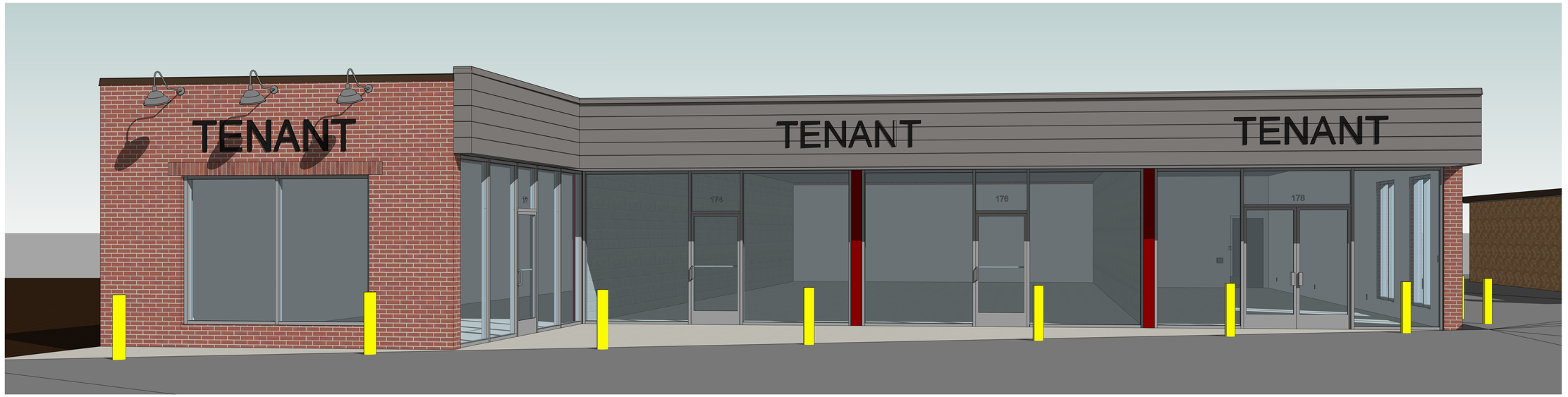
SCALE	
DRAWN BY:	Agnes S.

MARK T. DiGANCI
REG. ARCHITECT

STATE OF ILLINOIS
MARK T. DIGANCI
001.013454
REGISTERED ARCHITECT

LICENSE EXPIRES: 11.30.2026

A5.0



1 EAST ELEVATIONS



2 NORTH-EAST VIEW



3 SOUTH-EAST VIEW

PROPOSED 3D VIEWS

FACADE RENOVATION
172-178 SKOKIE VALLEY ROAD
HIGHLAND PARK, IL. 60035

DESIGN STUDIO 24, LLC.
ARCHITECTS DESIGNERS - PLANNERS
2970 MARIA AVE., SUITE 202, NORTHBROOK, ILLINOIS 60062

NOT PUBLISHED - ALL RIGHTS AND COPYRIGHTS RESERVED. DESIGN STUDIO 24, LLC. EXPRESSLY DISCLAIMS ANY RESPONSIBILITY ARISING FROM ANY UNAUTHORIZED USE OF THE DRAWINGS AND NOTES. ANY AUTHORIZATION MUST BE IN WRITING.

CAUTION: Contractor to verify all existing conditions, dimensions, etc. PRIOR to bid and construction. Contractor to notify owner and architect of any discrepancies. No plea of ignorance to existing conditions found to be different from drawings will be accepted.

CAUTION: This drawing may have been reproduced at a size different than originally drawn. The owner and architect assume no responsibility for the use of incorrect scale. Drawings are NOT to be scaled. Not published. All rights reserved. Notify architect of any discrepancies.

STATEMENT OF COMPLIANCE I have prepared, or caused to be prepared under my supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my contractural obligation, they are in compliance with the Codes and Ordinances of Highland Park, Illinois

DATE	Issue Date
REVISIONS	
10.28.2025	ISSUED FOR PERMIT

SCALE	
DRAWN BY:	Agnes S.

MARK T. DiGANCI
REG. ARCHITECT

STATE OF ILLINOIS
MARK T. DIGANCI
001.013402
REGISTERED ARCHITECT

LICENSE EXPIRES: 11.30.2026

A5.1

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Corey Cohn, Business Development Specialist

Department: City Manager's Office

Title: A Resolution entering into an Exterior Improvement Grant for Katy the Butcher LLC (1954 First Street)

Recommendation:
Staff recommends approving funding from the Exterior Improvement Grant Program not to exceed $2,064.99 for Katy the Butcher LLC towards eligible grant improvements at 1954 First Street.

Policy Consideration:
In recognition of the importance of independent merchants to the City's vibrancy and tax base, the Exterior Improvement Program Grant (EIP), effective January 1, 2024, encourages the improvement and revitalization of the visible exterior appearance of existing buildings. A copy of the completed application from Katy the Butcher LLC is on file in the City Manager's Office.

Eligible Improvements

- Outdoor Security Cameras
- Signage

Program Requirements and Required Documentation Received

- The property owner's written consent on the application form to implement the improvements and participate in the program.
- Photos of the existing façade with a diagram outlining the scope of the area to be repaired.
- Itemized costs for the proposed project.

Cost Estimates
The applicant provided two cost proposals for both of the eligible improvements. The applicant

intends to select the contractors with the lowest bid at a total cost of $4,129.99. The grant request of $2,064.99 is in accordance with the City's current ordinance, as it does not exceed the maximum cap of $20,000 or 50% of the total eligible improvements.

Eligibility
Katy The Butcher LLC has met all program requirements per Chapter 107 of "The Highland Park Code of 1968". The application is eligible for consideration of a grant. Staff confirmed that this business generates sales tax as the program requires. Council action on this item constitutes approval of funding through the EIP contingent on the applicant receiving all necessary permit approvals separate from this application and the submittal of paid invoices.

Core Priorities:

Fiscal Stability
Katy The Butcher LLC is eligible for a grant up to $2,064.99. Funds for the Exterior Improvement Grant Program are budgeted in FY2026 in account 1110107.62100 *Business Development Programs & Events*.

Economic Development
The Exterior Improvement Grant directly contributes to economic development by lowering the financial barrier for property owners and sales tax-producing businesses to make structural, functional, and aesthetic upgrades and provide necessary signage. Through the use of this incentive program, the City effectively leverages public funds to stimulate greater private investment in commercial real estate improvements. A higher quality and more modern physical environment helps local sales-tax-generating businesses become more competitive and ensures their long-term retention. Clear branding through signage provides for easy recognition and identification of new and existing businesses.

Vibrancy
The Grant Program significantly boosts community vibrancy by directly improving the overall aesthetic of commercial business districts. Enhanced signage and the addition of security cameras create a welcoming, safe, and visually appealing environment, transforming commercial areas into vibrant destinations. Furthermore, improvements to functionality, such as enhanced accessibility and safer walkways, support a positive pedestrian experience. This increased foot traffic and public engagement in the business districts are key indicators of a thriving and dynamic community life.

Attachments:
1. Resolution Approving EIP Grant to Katy The Butcher LLC
2. Existing Facade - Katy The Butcher LLC
3. Rendering - Katy The Butcher LLC

CITY OF HIGHLAND PARK

RESOLUTION NO. R2026-_____

A RESOLUTION APPROVING AN EXTERIOR IMPROVEMENT GRANT FOR KATY THE BUTCHER LLC

WHEREAS, the City of Highland Park (***"City"***) recognizes the importance of independent merchants to the City's vibrancy, quality of life, and tax base; and

WHEREAS, Chapter 107 of "The Highland Park Code of 1968", as amended (***"City Code"***), establishes the City's Exterior Improvement Program, through which the City provides financial assistance to sales tax generating businesses and property owners to improve the appearance and image of business properties; and

WHEREAS, the City has designated funds in the City's FY2026 budget to approve Exterior Improvement Program grants (***"EIP Grants"***); and

WHEREAS, Katy the Butcher LLC (**"*Applicant*"**) is the business owner of Katy The Butcher LLC, located at the address commonly known as 1954 First Street (***"Property"***); and

WHEREAS, the Applicant has submitted an application for an EIP Grant from the City to improve the exterior of the Property (***"Approved Eligible Improvements"***); and

WHEREAS, the City Manager has determined that the Applicant qualifies for an EIP Grant and has recommended issuance of an EIP Grant to the Applicant; and

WHEREAS, the City Council has determined that it will serve and be in the best interest of the City to award an EIP Grant to the Applicant in accordance with, and subject to, the conditions, restrictions, and provisions of this Resolution;

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: APPROVAL OF EIP GRANT. Subject to, and contingent upon, the condition set forth in Section Three of this Resolution, the City Council hereby approves the issuance of an EIP Grant to the Applicant in an amount not to exceed 50% of the cost of the Approved Eligible Improvements and up to a maximum of $2,064.99, in accordance with, and pursuant to, Section 107.006(C) of the City Code and the home rule powers of the City.

SECTION THREE: CONDITION. The approval granted in Section Two of this Resolution is hereby expressly subject to and contingent upon the completion by the Applicant of the construction of the Approved Eligible Improvement within 120 days after the effective date of this Resolution.

SECTION FOUR: EFFECTIVE DATE. This Resolution will be in full force and effect

upon its passage and approval by a majority of the members of the City Council.

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

RESOLUTION NO.

_____

Nancy R. Rotering, Mayor

ATTEST:

_____

Ghida S. Neukirch, City Clerk


ANERS
LA TAQUIZA
FLEXX


16 in
16 in
KATY
THE BUTCHER
42 in
144.5 in
UTCHER SIGN MOCKUP
Highland Park, IL 60035

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Kristi McCaulou, Finance Director

Department: Finance Department

Title: A Resolution Reallocating 2026 Volume Cap to the Village of Buffalo Grove, Illinois

Recommendation:
Staff recommends transfer of the City's Private Activity Bond (PAB) allocation to the Lake County PAB Clearinghouse Pool (Pool), hosted by the Village of Buffalo Grove (Village).

Policy Consideration:
The Internal Revenue Code Section 146 allocates the City an annual per capita amount for PAB use, which totals $4,157,190 for 2026. The Illinois PAB Allocation Act provides that a home rule unit of government may transfer its allocation to any other home rule unit of government, the State of Illinois, any State agency, or any non-home rule unit of government. The attached City Volume Cap Policy defines the use, transfer, or reservation of the City's volume cap allocation. The City advertised the allocation availability on the City's website, direct outreach to businesses, through an electronic newsletter, and posting on the City's social media pages. The City received one request to cede (transfer) its PAB allocation to the Upper Illinois River Valley Development Authority (UIRVDA). UIRVDA indicated they do not offer an incentive to transfer the PAB to them. As such, staff recommends the usual transfer to the Pool whereby the funds could be used to support investment in the county.

PABS or Industrial Revenue Bonds (IRBs)
PABs or IRBs are tax-exempt bonds issued on behalf of businesses engaged in the manufacture or production of tangible personal property. This program is an economic development tool to support Illinois businesses. A wide variety of businesses can qualify, including non-traditional manufacturing operations such as food processing or printing firms. PABs can be used to finance fixed asset acquisition such as land, buildings, or equipment; for renovation and new construction; and for construction or renovation of residential units that meet income guidelines. PABs are exempt from federal income tax, typically command competitive interest rates, and may be combined with other tax credit programs to stimulate projects. The State of Illinois 2026 PAB Allocation Guidelines (Guidelines) are attached.

Pool Allocation

Federal law allocates home rule units of government $135 per capita for 2026. The Guidelines estimate the City's population at 30,794, bringing the 2026 allocation to $4,157,190. This allocation does not translate to local government funding. An issue of this aggregate size is generally not cost-effective, due to significant up-front PAB issuance costs. Therefore, municipalities often cede their volume cap to other towns or to the State of Illinois, who combine resources and approve larger bond issues.

About the Pool

Lake County, Lake County Partners, and the Lake County Municipal League entered into a joint agreement with interested Lake County Home Rule Communities, in 2001, to structure the Pool. Lake County Partners manages the Pool. The Village, a home rule municipality, hosts the Pool in order to maximize the roll-over and transfer benefits consistent with the Guidelines. The Village does not gain financial benefit serving as Pool host. An Advisory Committee reviews applications and ranks them based on objective criteria such as job creation, amount to be invested in real estate and other sources of funding available for the project. Should the Pool be oversubscribed, the Lake County Partners works with prospective borrowers to secure alternate funding through the Illinois Development Finance Authority, Illinois Department of Commerce & Economic Opportunity, State Treasurer's Office, or Small Business Administration. Participating communities receive a .5% fee for their cap when it is allocated to fund a project.

Since its inception, the Pool funded nearly $200,000,000 in local projects, resulting in the construction of over 360,000 sq. ft. of manufacturing space, the creation of 648 manufacturing jobs, the renovation of 1,600 multi-family dwelling units, the purchase of an estimated 251 homes by first-time home buyers, the expansion of a Montessori School, and the construction of a solid waste disposal cell.

Core Priorities:

Fiscal Stability

The City will receive 0.5% of the $4,157,190 allocation, or $20,786, for ceding the allocation to the Pool, upon the Pool utilizing the City's Volume Cap.

Attachments:

1. Resolution - PABC Private Activity Bond Volume Cap 2026
2. Attach 1 - PABC Private Activity Bond Volume Cap Policy
3. Attach 2 - PABC Private Activity Bond Volume Cap 2026 Guidelines

CITY OF HIGHLAND PARK

RESOLUTION NO. R

A RESOLUTION REALLOCATING 2026 VOLUME CAP TO THE VILLAGE OF BUFFALO GROVE, ILLINOIS

WHEREAS, the City is a municipality and a home rule unit of government duly organized and validly existing under Section 6(a) of Article VII of the 1970 Constitution and laws of the State of Illinois; and

WHEREAS, certain tax exempt private activity bonds may be issued only if sufficient volume cap pursuant to Section 146 of the Internal Revenue Code of 1986, as amended (***"Code"***), is available for the bonds; and

WHEREAS, pursuant to the Code, the City has been allocated volume cap equal to $135.00 per resident of the City in calendar year 2026, or $4,157,190, for the issuance of such tax exempt private activity bonds; and

WHEREAS, pursuant to Section 6 and Section 6.1 of the Illinois Private Activity Bond Allocation Act, 30 ILCS 345/1 *et seq.* (***"Bond Allocation Act"***), and the Guidelines and Procedures promulgated thereunder, the City may, prior to May 1, 2026, reallocate to other home rule units of government the volume cap allocated to the City by the Code for their issuance of such tax exempt private activity bonds or for subsequent transfer or reallocation; and

WHEREAS, the City has not used any of its 2026 volume cap and has no present intention to use the same; and

WHEREAS, the Lake County Partnership for Economic Development, Inc. has offered Lake County home rule communities the opportunity to participate in a program to combine their respective volume cap allocations and create a Private Activity Bond Clearinghouse Pool (***"Pool"***) to facilitate the issuance of tax-exempt private activity bonds to finance manufacturing and multi-family housing commercial projects in Lake County, Illinois, for economic development purposes (***"Eligible Projects"***); and

WHEREAS, the Village of Buffalo Grove, a home rule unit of government (***"Buffalo Grove"***), pursuant to its Resolution No. 2001-51 adopted December 17, 2001, agreed to host the Pool and to reserve its own volume cap, and accept volume cap reallocated to Buffalo Grove by other home rule units of government, for the issuance of tax-exempt private activity bonds placed through the Pool to finance Eligible Projects; and

WHEREAS, Buffalo Grove has requested that the City reallocate all of its 2026 volume cap to Buffalo Grove to be used for the issuance of tax-exempt private activity bonds placed through the Pool to finance Eligible Projects;

WHEREAS, the City Council has determined that it is in the best interest of the City and its residents to reallocate all of its 2026 volume cap to Buffalo Grove, to be used for the issuance of tax-exempt private activity bonds placed through the Pool to finance Eligible Projects;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as finding of the City Council.

SECTION TWO: TRANSFER AND REALLOCATION OF 2026 VOLUME CAP. Pursuant to Section 6 and Section 6.1 of the Bond Allocation Act and the Guidelines and Procedures promulgated thereunder, the City irrevocably agrees to, and does hereby, transfer and reallocate all of its 2025 volume cap to Buffalo Grove to be used for the issuance of tax-exempt private activity bonds placed through the Pool to finance Eligible Projects as directed by the Advisory Committee created pursuant to Buffalo Grove Resolution No. 2001-51.

SECTION THREE: AGREEMENT. This Resolution constitutes the agreement of the City to a different allocation under Section 146(e)(3) of the Code and the writing required under Section 6 of the Bond Allocation Act.

SECTION FOUR: WARRANTY. The City covenants and warrants that it has taken no action or issued bonds that would abrogate, diminish, or impair its ability to fulfill the written agreement, covenants, and undertakings on its part under this Resolution.

SECTION FIVE: AUTHORIZATION. As required by the Bond Allocation Act and the Guidelines and Procedures promulgated thereunder, the City Clerk is directed to transmit a certified copy of this Resolution to the Office of the Governor of the State of Illinois. Any and all appropriate and proper officers, officials, agents, and employees of the City are hereby authorized, empowered, and directed to take all necessary and advisable actions, and to execute all such documents and certificates, as may be necessary to further the purposes and intent of this Resolution.

SECTION SIX: MAINTAIN RECORD. The City Clerk is directed to maintain a written record of this Resolution in its records for so long as the bonds to which the volume cap transferred by this Resolution is reallocated remain outstanding.

SECTION SEVEN: EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage and approval as provided by law.

AYES:

NAYS:

ABSENT:

City of Highland Park
Volume Cap Policy

After determining that there is no need for the Private Activity Volume Cap within Highland Park, the City will grant:

1) First priority to those entities offering the highest transfer fee to the City. This fee will then be transferred to the City's Housing Trust Fund to support affordable housing in Highland Park.

2) Second priority to those municipalities or governmental units located in Lake County, provided that a minimum of a .5% transfer fee is paid to the City of Highland Park.

3) Third priority to those municipalities or governmental units outside of Lake County.

In those instances where competing requests cannot be differentiated by the above criteria, the City will consider the proposed use of the cap and its benefit to the residents of the City of Highland Park and Lake County, Illinois.

Amended by City Council - April 8, 2002

STATE OF ILLINOIS

GUIDELINES AND PROCEDURES

FOR THE

ALLOCATION OF PRIVATE ACTIVITY BONDING AUTHORITY

IN ACCORDANCE WITH THE TAX REFORM ACT OF 1986

AND THE ILLINOIS PRIVATE ACTIVITY BOND ALLOCATION ACT

OFFICE OF THE GOVERNOR

Effective January 2, 2026

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Questions regarding these guidelines and procedures may be directed to the Capital Markets Unit of the Governor's Office of Management and Budget at (312) 814-0023**. ** Please note that the Hard Copy Submission Address has changed to 555 W. Monroe Street, Suite 1500-S-GOMB, Chicago, IL. 60661**

INTRODUCTION

The Federal Tax Reform Act of 1986 (the "Code"), as amended, imposes a limit on the aggregate amount of "tax exempt private activity" bonds (also known as "Volume Cap") that can be issued in a state. While the Code provides an allocation scheme for specific issuing authorities, it also provides that a state may, by law, provide a different formula for allocating the State ceiling among the governmental units in the state having authority to issue such bonds. The State of Illinois ("the State") has enacted procedures for the allocation of Volume Cap pursuant to the Illinois Private Activity Bond Allocation Act, 30 ILCS 345/1 *et seq.* (the "Illinois Allocation Act").

The Governor's Office is the entity charged with authority to allocate Volume Cap among the political subdivisions within the State. In the event of conflict between the Code, the Illinois Allocation Act, and these "2026 Guidelines and Procedures" (the "Guidelines"), the Code and the Illinois Allocation Act shall control. Any matters not covered by the Code or the Illinois Allocation Act or the Guidelines shall be decided by the Governor's Office, and the Governor's Office reserves the right to amend the Guidelines at any time.

These Guidelines are provided by the Governor's Office to assist issuers in understanding how the allocation formula will be administered. They do not represent a binding legal interpretation of either the Code or the Illinois Allocation Act. The Governor's Office will not make a legal determination of the applicability of the Code to an issuer, nor will it determine an issuer's compliance under the Code. Issuers should consult their own legal counsel to make these determinations.

The Guidelines require certain issuers to submit requests to the Governor's Office for allocations of Volume Cap. In addition, the Governor's Office requires issuers within the State to report on reallocations and their use of Volume Cap.

PLEASE NOTE – ALL REQUESTS AND REPORTING SUBMISSIONS, AS DESCRIBED HEREIN, MUST BE SUBMITTED IN BOTH (i) HARD AND (ii) ELECTRONIC FORMATS (ADOBE ACROBAT "PDF") TO THE FOLLOWING ADDRESSES:

HARD COPY SUBMISSIONS TO:

Governor's Office of Management and Budget
Capital Markets Unit – Volume Cap Submission
555 W. Monroe Street – Suite 1500-S-GOMB
Chicago, IL 60661
Attn: Sophia Ronis

ELECTRONIC (PDF) SUBMISSIONS TO:

OMB.VolumeCapRequest2026@Illinois.gov

Please indicate the (i) name, (ii) status of your organization (Home Rule, Non-Home Rule or State Agency) and (iii) type of submission (either a "REPORT" or a "REQUEST") in the "SUBJECT" line of your submission e-mail. Please include the following information for a primary and secondary contact person in the body of each electronic submission (email):

Name
Title
Department/Division
Phone Number
Email address

IMPORTANT NOTE – The time and date stamp of the email will be used for the purpose of determining the order in which the submissions are received unless otherwise noted herein.

**** Please note that the Hard Copy Submission Address has changed to 555 W. Monroe Street, Suite 1500-S-GOMB, Chicago, IL. 60661**

Calendar Year 2026 State Ceiling and Allocations

2026 State Ceiling – Background and Calculation

Section 146 of the Code limits the amount of qualified private activity bond debt that may be issued in a state during a calendar year ("the State Ceiling"). Section 146(d) of the Code was amended by H.R. 5662, the "Community Renewal Tax Relief Act of 2000 (the "CRTF Act")," to specify that beginning in calendar year 2002 the limit shall be the greater of (i) $75 multiplied by a state's population or (ii) $225 million. The CRTF Act further specifies that beginning in calendar year 2003 the volume limit may be adjusted annually for inflation. Pursuant to Revenue Procedure 2008-66 published by the Internal Revenue Service, the volume limit on qualified private activity bonds adjusted for inflation for calendar year 2026 is $135 multiplied by the state's population.

Section 146(j) of the Code further requires that the calculation of the State Ceiling be based on the most recent resident population estimate released by the U. S. Bureau of the Census before the beginning of the calendar year. On December 19, 2024, the Population Division of the U.S. Census Bureau issued "Table 1: Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2000, to July 1, 2024 (NST-EST2024-01)" which reports Illinois's estimated population as 12,710,158.

Illinois 2026 State Ceiling is $1,715,871,330.00 ($135 x 12,710,158).

Allocations

Pursuant to the Illinois Allocation Act, the table below denotes the initial allocation of the 2026 State Ceiling.

Home Rule Units	$1,107,388,260.00
Non-Home Rule Units	$ 304,241,535.00
State Agencies/Authorities	$ 304,241,535.00
Total	$1,715,871,330.00

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HOME RULE UNITS

Allocation

January 1 Benchmark
As described in "2026 State Ceiling – Background and Calculation" above, each Home Rule community is allocated an amount equal to $135 multiplied by its population and Cook County, as a Home Rule County, is allocated an amount equal to $135 multiplied by the population of its unincorporated area. Based on the most recent US Census estimates the total amount for all Home Rule units has been determined to be $ 1,107,388,260.00. Appendix C identifies the list of Home Rule units and the population count used by the Governor's Office for the volume cap allocation. Special census estimates or other estimates for individual municipalities are not recognized by the Governor's Office.

During the period from January 2, 2026, through May 1, 2026, Home Rule units may not apply to the State for an allocation under the Illinois Allocation Act. Rather, Home Rule units must determine and monitor their own private activity bond limits as provided in the Illinois Allocation Act. Please see reporting requirements detailed below in "Home Rule Reporting".

June 1 Benchmark
The amount of Volume Cap available to each Home Rule unit of government with less than 2,000,000 inhabitants that has not been granted, transferred, or reserved by Home Rule units for specific projects or purposes as of May 1, 2026, shall be reserved to the Governor's Office for reallocation on June 1, 2026 (the "home Rule Pool"). During the period of June 1 through July 15, 2026, one-half of the home rule Pool will be available to all Home Rule units with less than 2,000,000 inhabitants (the remaining half is available for allocation to the State or State Agencies as herein after described).

The Governor's Office will accept Home Rule units' requests for volume cap from the Home Rule Pool beginning on the first State business day on or after June 1, 2026. Requests will be accepted, via the methods described on page 3, only on or after 8:30 a.m., June 1, 2026. No requests can or will be accepted prior to this date and time. **On the first date that applications may be received all applications received between 8:30am and 5pm on such date shall be deemed equally first in line and the Governor's Office shall grant cap as it may determine. If more than one request is received in a day, other than the first day that applications may be submitted, completed requests will be logged in by the time the electronic submission is received, and processed on a first come, first-granted basis.**

If a determination is made that there is a sufficient amount of allocation remaining in the Home Rule Pool upon a request made, an allocation approval letter will be sent to the applicant. The approval letter will be mailed by first class U.S. Mail to the signatory of the application letter. Express mail will be used upon request and at the issuer's expense. The allocation is valid until the earlier the end of a period of 60 calendar days from the date of the letter or December 27 of the year of the allocation. This period is set by the Illinois Allocation Act and cannot be extended.

July 15 Benchmark
On and after July 15, 2026, the amount of the unused allocation from the Home Rule Pool shall be available to both Home Rule units of government (with less than 2,000,000 inhabitants) and to State agencies. Requests submitted prior to July 15 that are not completely fulfilled must be re-filed after July 15 if cap is still requested.

The Governor's Office will accept Home Rule units' requests for volume cap from the Home Rule pool beginning on the first State business day on or after July 15, 2026. Requests will be accepted, via the methods described on page 3, only on or after 8:30 a.m., July 15, 2026. No requests can or will be accepted prior to this date and time. **On the first date that applications may be received all applications received between 8:30am and 5pm on such date shall be deemed equally first in line and the Governor's Office shall grant cap as it may determine. If more than one request is received in a day, other than the first day that applications may be submitted, completed requests will be logged in by the time the electronic submission is received, and processed on a first come, first-granted basis.**

Please Note –

- **A completed "Allocation Request Letter" (Appendix A) and a copy of an "official action," as defined in the Illinois Allocation Act, must accompany all request submissions (June 1 or July 15). A submission will not be deemed complete unless a copy of an official action is included in the transmittal.**
- **No Home Rule unit may be granted more than 10% of the amount of total allocation initially available for Home Rule units for a single project. Home Rule units may submit separate requests for multiple projects. Requests must be for specific projects, not general use. Requests will be processed only for allocation to be used directly by the requesting Home Rule unit. Joint requests from more than one unit or requests from one unit for allocation that will also be used by other units of government will not be considered. Once an allocation is given to a specific unit, the Governor's Office will not object if units pool their allocations and join together in a bond issue as advised by legal counsel.**
- **The allocation approval letter to Home Rule units of government is valid for a period of 60 calendar days from the date of the letter or through December 27, 2026, whichever date comes first. If an issuer's allocation has expired, it may apply for a new allocation if allocation is still available. Such application will be processed by the Governor's Office in the same manner as any other new application.**
- **The State, a State Agency, or Home Rule unit may reallocate all or a portion of its ORIGINAL allocation to a Home Rule Unit, the State, a State Agency, or a Non-Home Rule Unit of local government. Home Rule units may reallocate by official action of their governing body only as to volume cap reserved prior to May 1, 2026. Home Rule units MAY NOT reallocate any allocation granted by the Governor's Office after June 1. Please see "REALLOCATION PROVISIONS" for further details.**

Home Rule Reporting

Confirmation of Issuance
Pursuant to Section 7 of the Illinois Allocation Act, any Home Rule unit utilizing Volume Cap (regardless of its source) is required to report, within 10 calendar days of issuance, the following:

(a) Name of the Issuer;
(b) Principal amount of the issue;
(c) Purpose for which the private activity bonds were issued;
(d) The amount, if any, used to refund any prior issue of private activity bond; and
(e) IRS 8038.

A form of the "Confirmation of Bond Issuance" letter is provided in Appendix A.

If the amount of bonds issued as stated in the confirmation letter is less than the amount approved for allocation for that project, the amount of unused allocation shall be added to the remaining pool allocation available. This "lapsed" volume cap will be offered first to all issuers who have requested volume cap whose requests were not completely fulfilled, in the order that such requests were initially filed. If more than one request was initially filed at the same time, the order of filing will be randomly assigned for purposes of offering lapsed cap. Volume cap is not considered lapsed unless the issuer or issuer's representative states in writing that all or a portion of the cap will not be used.

Mid-Year Reporting
No later than May 10, 2026, each Home Rule unit with less than 2,000,000 inhabitants must report to the Governor's Office in writing on volume cap (i) granted, (ii) transferred, or (iii) reserved by official action of the unit's governing body prior to May 1, 2026. The form described in Appendix A is provided for this purpose – "Report of Allocation Granted by Home Rule".

Once Volume Cap is properly reserved by a Home Rule unit prior to May 1, 2026, the Governor's Office will not object to the subsequent transfer or reallocation of such cap or filing of a carry-forward of such volume cap, and no notice to the Governor's Office of any such subsequent action is required. Please note, however, that Home Rule units must provide notice to the Governor's Office, as provided in Section 6 of the Illinois Allocation Act, within fourteen days of said reallocation.

Please Note - Copies of "Official Action," as defined in the Illinois Allocation Act, must accompany this reporting submission. Submission will not be deemed complete unless a copy of Official Action is included with the submissions.

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NON-HOME RULE UNITS

Allocation Requests

January 1 Benchmark
The 2026 allocation of Volume Cap available on or after January 2, 2026, to be issued by Non-Home Rule units of local government is expected to be $304,241,535.00. Non-Home Rule units are defined as municipalities or counties, other than Home-Rule units. All other forms of government, such as local water districts or airport authorities, must apply for Volume Cap as a State Agency.

The Governor's Office will accept Non-Home Rule units' requests for Volume Cap from the Local Government Pool beginning on the first State business day on or after January 2, 2026 (January 3, 2026). Requests will be accepted, via the methods described on page 3, only on or after 8:30 a.m., January 3, 2026. No requests can or will be accepted prior to this date and time. **On the first date that applications may be received all applications received between 8:30am and 5pm on such date shall be deemed equally first in line and the Governor's Office shall grant cap as it may determine. If more than one request is received in a day, other than the first day that applications may be submitted, completed requests will be logged in by the time the electronic submission received, and processed on a first come, first-granted basis.**

If a determination is made that there is a sufficient amount of allocation remaining in the total available allocation, an allocation approval letter will be sent to the applicant. The approval letter will be mailed by first class U.S. Mail to the signatory of the application letter. Express mail may be used upon request and at the issuer's expense.

July 15 Benchmark
Of the total amount allocated to Non-Home Rule units, the amount of remaining allocation as of July 14, 2026 (the "Non-Home Rule Pool") shall be reserved to the Governor's Office on July 15, 2026, to be allocated to the State, State agencies or Non-Home Rule units as described in the Illinois Allocation Act. Requests submitted prior to July 15 that are not completely fulfilled must be re-filed on or after July 15 if volume cap is still requested**.**

The Governor's Office will accept Non-Home Rule units' requests for Volume Cap from the Non-Home Rule Pool beginning on the first State business day on or after July 15, 2026. Requests will be accepted, via the methods described on page 3, only on or after 8:30 a.m., July 15, 2026. No requests can or will be accepted prior to this date and time. **On the first date that applications may be received all applications received between 8:30am and 5pm on such date shall be deemed equally first in line and the Governor's Office shall grant cap as it may determine. If more than one request is received in a day, other than the first day that applications may be submitted, completed requests will be logged in by the time the electronic submission is received, and processed on a first come, first-granted basis.**

Please Note –

- **A completed "Allocation Request Letter" (Appendix A) and a copy of an "Official Action," as defined in the Illinois Allocation Act, must accompany all request submissions (January 1 or July 15). A submission will not be deemed complete unless a copy of Official Action is included in the transmittal.**
- **No Non-Home Rule unit may not be granted more than 10% of the amount of total allocation initially available to units of local government for a single project. Non-Home Rule units may submit separate requests for multiple projects. Requests must be for specific projects, not general use. Non-Home Rule units do not have power under statute to transfer or reallocate cap to other Non-Home Rule or Home-Rule units. Requests may be made only for cap that will be used within the Non-Home Rule unit's jurisdiction, as**

evidenced by such documentation or evidence as the Governor's Office shall request. Letters of intent from lenders shall be deemed prima facie evidence. Units planning to pool their allocations must certify their intent to comply with this section in their request letter.

- **The allocation approval letter is valid for a period of 60 calendar days from the date of the letter. This period is set by the Illinois Allocation Act and cannot be extended.**
- **Pursuant to Section 6 of Illinois Allocation Act, a Non-Home Rule unit IS NOT AUTHORIZED TO REALLOCATE all or any unused portion of its allocation. Direct and indirect reallocations by Non-Home Rule Units are strictly prohibited. This prohibition is discussed more fully in the "Reallocation Provisions" of these Guidelines.**
- **The proceeds from bonds utilizing Volume Cap allocated to a Non-Home Rule unit pursuant to these Guidelines must be used within the jurisdiction of the Non-Home Rule unit.**

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Non-Home Rule Reporting

Confirmation of Issuance
Pursuant to Section 7 of the Illinois Allocation Act, Non-Home Rule units are required to report, within 10 calendar days of issuance, the following:

(a) Name of the Issuer;
(b) Principal amount of the issue;
(c) Purpose for which the private activity bonds were issued;
(d) The amount, if any, used to refund any prior issue of private activity bond; and
(e) IRS 8038.

A form of the "Confirmation of Bond Issuance" letter is provided in Appendix A.

If the amount of bonds issued as stated in the confirmation letter is less than the amount approved for allocation for that project, the amount of unused allocation shall be added to the remaining pool allocation available. This "lapsed" volume cap will be offered first to all issuers who have requested volume cap whose requests were not completely fulfilled, in the order that such requests were initially filed. If more than one request was initially filed at the same time, the order of filing will be randomly assigned for purposes of offering lapsed cap. Volume cap is not considered lapsed unless the issuer or issuer's representative states in writing that all or a portion of the cap will not be used.

Annual Reporting of Housing Projects
The Illinois Allocation Act requires Non-Home Rule units to provide an annual report of all private activity bonds issued for any housing purposes which utilizes volume cap allocated by the State. Details on the reporting requirement can be located in the Section 7.5 of the Illinois Allocation Act. A form to aid reporting has been provided in Appendix B to these Guidelines. Calendar Year 2026 submissions are to be sent via the instructions set forth on page 3 of these Guidelines by February 1, 2026. An additional copy of this report only must also be submitted to the Illinois Housing Development Authority ("IHDA") at the following address:

Illinois Housing Development Authority
Attention: General Counsel
111 E. Wacker Drive
Suite 1000
Chicago, IL 60601

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STATE AGENCIES

Allocation Requests

For calendar year 2026 there is expected to be $304,241,535.00 for use by State Agencies, (the "State Agency Pool"), defined as any State agency, commission, board, authority, or body politic and corporate of the State authorized by law to issue Private Activity Bonds, other than a Non-Home Rule or Home-Rule unit.

The Governor's Office may allocate among all State Agencies from the State Allocation Pool available after January 2, 2026. In addition, State Agencies may apply beginning on or after the first State business day after June 1, 2026, for the allocation retained by the Governor's Office from the Home-Rule Pool and beginning on or after July 15, 2026, for the allocation retained, if any, from the Non-Home Rule Pool. Requests submitted prior to June 1 which are not completely fulfilled, and requests submitted prior to July 15 which are not completely fulfilled must be re-filed after July 15 if cap from the Non-Home Rule pool is requested. Please see "HOME RULE" and "NON-HOME RULE" sections for submission procedures.

Please Note-

- **Requests will be processed only for allocation to be used directly by the requesting State Agency. Requests may be requested and granted on a lump-sum by private activity bond category or individual project basis as the Governor's Office may determine. Joint requests from more than one State Agency or unit of government or requests from one State Agency for an allocation that will be used by other units of government will not be considered. Once an allocation is given to a specific State Agency, the Governor's Office will not object if units pool their allocations and join together in a bond issue as advised by legal counsel.**
- **State Agencies may submit requests for allocations of any amount. The 10% limit does not apply to State Agencies**
- **The Governor's Office may consult with State Agencies prior to submission of their allocation requests and determine the amount of allocation that shall be requested and approved. The allocation shall be valid through the end of the calendar year.**
- **State Agencies may reallocate their unused allocation in the manner described in "REALLOCATION PROVISIONS" with the approval of the Governor's Office. A State Agency that issues bonds after receiving a reallocation from a Home-Rule unit or another State Agency shall submit the information described in the "Reporting" section below.**
- **State Agencies may also file a carry-forward for an allocation remaining at the end of one calendar year to the next under certain circumstances, with the approval of the Governor's Office. Issuers should consult their legal counsel with respect to the applicability of this provision to their circumstances.**

State Agency Reporting

Confirmation of Issuance
Pursuant to Section 7 of the Illinois Allocation Act. State Agencies are required to report, within 10 calendar days of issuance, the following:

(a) Name of the Issuer;
(b) Principal amount of the issue;
(c) Purpose for which the private activity bonds were issued;
(d) The amount, if any, used to refund any prior issue of private activity bond; and
(e) IRS 8038.

A form of the "Confirmation of Bond Issuance" letter is provided in Appendix A.

If the amount of the bonds issued as stated in the confirmation letter is less than the amount approved for allocation for that project, the unused allocation amount shall be retained by the State Agency unless otherwise directed by the Governor's Office.

Annual Reporting of Housing Projects
Pursuant to the Illinois Allocation Act, State Agencies are required to provide an annual report of all private activity bonds issued for any housing purposes which utilize volume cap allocated by the State. Details on the reporting requirement can be located in Section 7.5 of the Illinois Allocation Act and a form has been provided in Appendix B for submission. Calendar Year 2026 Submissions are to be sent via the instructions set forth on page 3 of these guidelines by February 1, 2026. An additional copy of this report only must also be submitted to the Illinois Housing Development Authority ("IHDA") at the following address:

Illinois Housing Development Authority
Attention: General Counsel
111 E. Wacker Drive
Suite 1000
Chicago, IL 60601

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REALLOCATION PROVISIONS

Reallocations by the State, a State Agency, or a Home Rule Unit

The State, any State Agency, or Home Rule unit may voluntarily reallocate to any Non-Home Rule unit of local government, Home-Rule unit, the State, or any State Agency all or any portion of its unused allocation. The State Agency or Home Rule unit reallocating all or a portion of its unused allocation must provide notice to the Governor's office within fourteen days of said reallocation.

Consistent with the Illinois Allocation Act and these Guidelines, entities that issue private activity bonds on the basis of reallocations must submit to the Governor's Office written evidence of such reallocation and a confirmation of bond issuance letter within ten calendar days from the date the bonds are issued.

Reallocations by a Non-Home Rule Unit Are Prohibited.

Non-Home Rule units may not reallocate to any issuer. This prohibition applies to direct reallocations and to reallocations attempted via an intergovernmental or other agreement. Allocations made to Non-Home Rule units pursuant to the Illinois Allocation Act and these Guidelines may not be used in an issuance by another governmental entity on behalf of the Non-Home Rule unit or as a surrogate for the Non-Home Rule unit via an intergovernmental or other agreement.

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APPENDIX A

STANDARD FORM OF LETTERS

(Letterhead of Signatory)

ALLOCATION REQUEST LETTER
FROM ALL ISSUERS

(Date)

Office of the Governor
Governor's Office of Management and Budget
555 W Monroe Street - Suite 1500 S GOMB
Chicago, IL. 60661

Attn: Sophia Ronis

ATTENTION: Debt Management Unit

RE: Issuer: _____
Type: (Home-Rule, Non-Home Rule or State Agency)
Maximum Principal Amount: _____
Bond Description: (project, beneficiary, location, type/category of bonds)

Dear Governor J B Pritzker:

In accordance with the Tax Reform Act of 1986 as passed by 99th Congress 2nd Session (1986), as amended, and *30 ILCS 345*, the (name of issuer) respectfully requests an allocation for the above-captioned private activity bonds. In preparation for this bond issue to date, all applicable Federal and State requirements have been complied with. A copy of the inducement resolution or similar official action for this issue has been attached herewith.

[(The following is required only of Non-Home Rule units which expect to join other units in a single bond issue as described in the guidelines): I hereby certify that (name of issuer) intends to comply with requirements set forth in the Governor's Office guidelines and will not transfer or reallocate any cap received from the Governor's Office to other Non-Home Rule or Home-Rule units and will use the cap only within our jurisdiction.]

I hereby certify, under penalty of perjury, that to the best of my knowledge the issuance of the Private Activity Bond was or will not be made in consideration of any bribe, gift, gratuity or direct or indirect contribution to any political campaign.

Please forward the allocation approval letter to the undersigned [or to: _____]. Bond counsel for these bonds [is expected to be _____, who may be reached at [phone number]] [has not yet been selected].

Sincerely,

(Name of issuer)

_____
(Signature of authorized public official)
(Title)
(Phone number)

[Note: The Bond description cannot be materially changed after submission.]

(Governor's Letterhead)

BOND ALLOCATION APPROVAL LETTER

(Date)

Allocation Number (our assigned number)

(Name of issuer)

Attention: (Name of Official)

Re: Issuer: _____
Type: (Home-Rule, Non-Home Rule or State Agency)
Maximum Principal Amount: _____
Bond Description: (project, beneficiary, location, type/category of bonds)

Ladies and Gentlemen:

In accordance with the Tax Reform Act of 1986, as amended, and *30 ILCS 345*, the above-captioned Issuer has requested an allocation for Private Activity Bonds with respect to the above-captioned bonds. In support of this request, I have been presented with the resolution duly adopted by the Issuer or similar official action with respect to the above-captioned bonds.

I hereby allocate $_____ of the State's 2026 maximum limit on private activity bonds to the above-captioned Issuer.

Pursuant to Section 6 of the Illinois Private Activity Bond Allocation Act, this allocation is only valid if:

(1) the proceeds from the bonds (the "Bonds") utilizing the bond volume cap are to originate single family mortgages to finance the purchase of homes located within the jurisdiction of the unit local government applying for the bond volume cap, or the costs associated therewith, or, if not so used, applied to redeem the Bonds; and

(2) the unit of local government is the Issuer of the Bonds.

"Issuer" as used herein is the entity named on the Bonds and obligated for the repayment of the Bonds and does not include an entity for whom bonds have been issued by another party via an intergovernmental or other agreement.

This allocation is valid through and including _____. If the above-captioned bonds have not been issued by said date this allocation automatically expires and is available for reallocation.

Sincerely,
J B PRITZKER

Governor

(Letterhead of Signatory)

CONFIRMATION OF BOND ISSUANCE
TO BE PROVIDED BY ISSUER

(Date) [Within 10 calendar days of issuance]

Allocation Number: (assigned by us in the allocation approval letter)

Office of the Governor
Governor's Office of Management and Budget
555 W Monroe Street - Suite 1500 S GOMB
Chicago, IL. 60661
Attn: Sophia Ronis

ATTENTION: Debt Management Unit

Re: Issuer: _____
Type: (Non-Home-Rule, Home-Rule or State Agency)
Date of Issuance: _____
Principal Amount Issued: _____
Bond Description: (project, beneficiary, location, type/category of bonds)

Dear _____:

In accordance with the Tax Reform Act of 1986, as amended, and the Illinois Private Activity Bond Allocation Act, the above-captioned Issuer is giving notice that the above-captioned private activity bonds have been issued. With regard to the issuance of these bonds, all applicable federal and state requirements have been complied with. The total allocation provided for this bond issue in the Allocation Approval Letter dated _____ was $_____. The total principal amount actually issued was $_____ and, therefore, the amount of $_____ is unused allocation that may be added to the total available allocation.

Sincerely,

(Name of issuer)

_____
(Signature of authorized public official)
(Title)

Attachments

[Note: If the bonds were issued on the basis of a voluntary reallocation of unused allocation or as a result of a carry-forward of allocation from a prior year, this fact should be so stated in this confirmation letter and a copy of the written evidence of such reallocation or carry-forward should be attached.]

(Letterhead of Signatory)

REPORT OF ALLOCATION GRANTED
BY HOME-RULE UNITS

(Date) [Due Thursday, May 10, 2026]

Office of the Governor
Governor's Office of Management and Budget
555 W Monroe Street - Suite 1500 S GOMB
Chicago, IL. 60661
Attn: Sophia Ronis

ATTENTION: Debt Management Unit

Re: Issuer: (Home-Rule unit)
Total 2026 Volume Cap Allocation: [see list attached to guidelines for population, multiplied by $135.00]

Volume Cap allocations granted, transferred, or reserved by Issuer resolution prior to May 1, 2026:

1. Principal Amount of Issue: _____
Bond Description: (Type of bond)
(Repeat as necessary identify all specific allocations)
If reallocated to another issuer, state name of issuer: _____

Copies of allocation resolutions or ordinances are attached. [Note: Memorandums of agreements with businesses need not be attached.]

Total Allocation Granted or Reallocated $_____

Sincerely,

(Name of issuer)

_____
(Signature of authorized public official)
(Title)
(Phone number)

APPENDIX B

ANNUAL HOUSING REPORT

SAMPLE FORM

Bond Issuer Annual Reporting Form

Statutory Requirement (30 ILCS 345/7.5)	Explanation/Detail	Insert Required Information
Information Required for All Bond Issues		
Bond Issuer	Entity Issuing Bonds:	
Person Completing Report (Drafter)	Name:	
Drafter Contact Information	Company:	
	Address:	
	Address:	
	City, State, Zip:	
	Phone:	
	E-mail Address:	
Reporting Period	Calendar Year:	
Date of Report	Date (no less than 45 days prior to end of Reporting Period):	
Bond Proceeds Used for Projects and Loans	Percentage of Total Issuance:	
Total Cost of Issuance	Amount:	
Bond Proceeds Used to Refund Prior Bonds	Amount:	
Unused Proceeds at Time of Report	Amount:	
Plan for Use of Any Unused Proceeds	*Attach Narrative and Supporting Documentation ShowingCommitments to Utilize Proceeds, including timetable for use.*	
For Multifamily Rental Units Only		
Total Number of Developments	Total:	
Total Number of Units	Total:	
Income Levels for All Units (using Area Median Income, or "AMI")	No. Units at 30% AMI or less:	
NOTE: The table of current AMI figuresto be used in compiling this informationmaybe found by calling the Illinois Housing Development Authority at 312-836-5200.	No. Units at 40% AMI:	
	No. Units at 50% AMI:	
	No. Units at 60% AMI:	
	No. Units at 80% AMI:	
	No. of Other Restricted Units (% AMI):	
	No. of Other Restricted Units (% AMI):	
	No. of Other Restricted Units (% AMI):	
	Unrestricted (Market Rate):	
Annual Comprehensive Housing PlanPriorities (see below for priority key)	*Attach detail showing the number units serving the prioritypopulations described below, along with documentation showing efforts to serve Priority Populations, when available.*	
For Single Family Units Only		
Loans and Households Achieving Homeownership with Bond Proceeds	Number of Mortgage Loans:	
	Number of Households:	
Loan Amounts, Actual and Effective Interest Rates	*Attach List of Individual Loan Amounts, detailing the actual and effective interest rate for each loan.*	
Annual Comprehensive Housing PlanPriorities (see below for priority key)	*Attach detail showing the number units serving the prioritypopulations described below, along with documentation showing efforts to serve Priority Populations, when available.*	
First-time Homebuyers	Number:	
Homeownership Counseling	No. of assisted homeowners who received any homeownership counseling:	

Key to Priorities
Disabled - No. Units Serving People with Disabilities (as defined in the Illinois Comprehensive Housing Plan, found at www.ihda.org; choose "Housing Policy and Planning" in the left margin)
Extremely Low Income - No. Units Serving Very Low-Income (less than 30% AMI) Households andFamilies
Homeless - No. Units Serving Homeless People and Families and Those At-Risk of Homelessness
Live Near Work - No. Units Serving Low and Moderate-Income Families and People Unable to FindAffordable Housing Near Employment or Transportation
Preservation - No. of Units for Low-Income Families and People Living in Existing Affordable Housingthat is in Danger of Becoming Unaffordable
Very Low Income - No. Units Serving Very Low-Income (31 to 50% AMI) Households and Families

QUESTIONS?

Any questions on how to complete this form should be directed to IHDA's CFO or General Counsel at 312-836-5200 or TTD 312-836-5222.

APPENDIX C

POPULATION ESTIMATES

Home Rule Unit[1]	Population[2]	Home Rule Unit[1]	Population[2]
Addison Village	35,728	East Dundee Village	3,116
Alsip Village	18,486	East Hazel Crest Village	1,254
Alton City	24,967	East St. Louis City	17,808
Arlington Heights Village	75,596	Edwardsville City	26,715
Aurora City	180,710	Elgin City	114,701
Bannockburn Village	1,377	Elk Grove Village Village	31,802
Barrington Hills Village	4,080	Elmhurst City	46,108
Bartlett Village	40,718	Elmwood Park Village	23,698
Bartonville Village	5,836	Elwood Village	2,248
Batavia City	26,555	Evanston City	76,006
Bedford Park Village	585	Evergreen Park Village	19,301
Belleville City	40,560	Fairview Heights City	16,115
Bellwood Village	18,132	Flora City	4,647
Belvidere City	25,325	Forest View Village	765
Benton City	6,578	Freeport City	23,140
Berkeley Village	5,155	Galesburg City	29,289
Berwyn City	55,152	Gilman City	1,674
Bloomingdale Village	22,622	Glencoe Village	8,720
Bloomington City	79,232	Glendale Heights Village	32,866
Bolingbrook Village	74,756	Glen Ellyn Village	28,872
Bridgeview Village	16,559	Glenview Village	47,634
Bryant Village	164	Glenwood Village	8413
Buffalo Grove Village	43,072	Golf Village	504
Burbank City	28,606	Granite City City	26,854
Burnham Village	3,916	Gurnee Village	30,546
Cahokia Village	17,052	Hanover Park Village	36,685
Calumet City City	34,855	Harvey City	19,781
Calumet Park Village	6,777	Harwood Heights Village	8,755
Carbon Cliff Village	1,808	Hazel Crest Village	13,036
Carbondale City	22,223	Herrin City	12,253
Carlock Village	569	Highland Park City	30,794
Carol Stream Village	39,556	Highwood City	5,358
Carpentersville Village	37,144	Hillside Village	8,031
Carterville City	5,821	Hodgkins Village	1,487
Champaign City	91,961	Hoffman Estates Village	50,920
Channahon Village	14,392	Homer Glen Village	24852
Chicago City	2,721,308	Hopkins Park Village	625
Chicago Heights City	26,533	Huntley Village	28,495
Chicago Ridge Village	14,036	Inverness Village	7,428
Christopher City	2,621	Jacksonville City	17,801
Cicero town	82,090	Johnston City City	3,309
Collinsville City	23,766	Joliet City	151,837
Cook County, Unincorporated	101,455	Kankakee City	23,535
Country Club Hills City	16,238	Lake Barrington Village	5,160
Countryside City	6,246	Lake Bluff Village	5,600
Crainville Village	1,493	Lake Forest City	19,642
Crystal Lake City	41,513	Lake in the Hills Village	28,706
Danville City	27,981	Lansing Village	28,107
Darien City	22,015	LaSalle City	9,424
Decatur City	68,763	Lincolnshire Village	8,008
Deerfield Village	19,138	Lincolnwood Village	13,055
DeKalb City	40,491	Lockport City	26915
De Pue Village	1,573	McCook Village	241
Des Plaines City	58,832	McHenry City	28,825
Dolton Village	20,697	Manhattan Village	10,772
Downers Grove Village	50,552	Marion City	17,021
Du Quoin City	5,611	Mascoutah City	9,118

1. Home Rule Communities: Secretary of State – Index Department
2. Population Data Source: Population Division of the U.S. Census Bureau - "Table 1: Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2020, to July 1, 2024 (NST-EST2024-POP-17) on December 30, 2025

Home Rule Unit[1]	Population[2]		Home Rule Unit[1]	Population[2]
Matteson Village	18,566		Robbins Village	4,567
Maywood Village	23,364		Rockdale Village	1,980
Melrose Park Village	23,999		Rock Island City	36,434
Mettawa Village	562		Rolling Meadows City	23,732
Midlothian Village	13,870		Romeoville Village	41,177
Moline City	42,442		Roselle Village	22,871
Monee Village	5,139		Rosemont Village	3,822
Monmouth City	8,639		Round Lake Beach Village	27,091
Morton Grove Village	24,467		St. Charles City	33,482
Mound City City	481		Sauget Village	134
Mount Prospect Village	55,460		Savoy Village	9,260
Mount Vernon City	14,162		Schaumburg Village	77,099
Muddy Village	57		Schiller Park Village	11,325
Mundelein Village	32,641		Sesser City	1,876
Murphysboro City	7,044		Sherman Village	4,634
Naperville City	153,124		Shorewood Village	18,522
Naples town	97		Skokie Village	65,850
Nauvoo City	910		South Barrington Village	5,061
New Lenox Village	28,480		South Chicago Heights Village	3,887
Niles Village	29,918		South Holland Village	20,775
Normal town	53,304		Springfield City	112,949
Norridge Village	14,817		Standard Village	222
Northbrook Village	34,546		Stickney Village	6,902
North Chicago City	30,639		Stone Park Village	4,473
Northfield Village	5,625		Streamwood Village	38,360
Northlake City	12,433		Summit Village	10,761
North Utica Village	1,343		Sycamore City	18,968
Oakbrook Terrace City	2,729		Thornton Village	2,300
Oak Forest City	26,813		Tilton Village	2,533
Oak Lawn Village	56,531		Tinley Park Village	54,856
Oak Park Village	52,947		Tuscola City	4,658
O'Fallon City	32,169		University Park Village	7,043
Old Mill Creek Village	160		Urbana City	39,831
Onarga Village	1,294		Valier Village	539
Orland Park Village	58,020		Valmeyer Village	1,214
Oswego Village	38,778		Vernon Hills Village	27,002
Palatine Village	65,951		Volo Village	7,361
Park City City	7,940		Warrenville City	15,247
Park Forest Village	21,016		Washington City	15,857
Park Ridge City	38,445		Watseka City	4,495
Pekin City	31,266		Waukegan City	88,570
Peoria City	111,696		West Chicago City	25,469
Peoria Heights Village	5,802		West City Village	640
Peru City	9,793		West Dundee Village	7,906
Phoenix Village	1,650		West Frankfort City	7,131
Plainfield Village	48,881		Wheaton City	53,741
Posen Village	5,413		Wheeling Village	38,329
Prairie Grove Village	1,951		Williamsville Village	1,441
Quincy City	38,786		Willowbrook Village	9,179
Rantoul Village	12,268		Wilmette Village	27,443
Richton Park	12,504		Winnetka Village	12,494
Riverdale Village	10,299		Woodridge Village	34,103
River Grove Village	10,424		Woodstock City	25,892
Riverwoods Village	3,784			

1. Home Rule Communities: Secretary of State – Index Department
2. Population Data Source: Population Division of the U.S. Census Bureau - "Table 1: Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2020, to July 1, 2024 (NST-EST2024-POP-17) on December 30, 2025

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Don Jensen, Water Plant Superintendent
Marianne Evangelista, Lead Water Plant Operator

Department: Public Works Department

Title: A Resolution Ratifying an Amendment to an Agreement with the Illinois Environmental Protection Agency for Energy Efficiency Projects at the Water Treatment Plant

Recommendation:
Staff Recommends Ratifying an Amendment to Agreement No. 25-3312-PWS241 02, Grant Agreement between IEPA and the City of Highland Park (Grant)

Policy Consideration:
On July 29, 2024, City Council approveda grant agreement with the Illinois Environmental Protection Agency (IEPA) for the Energy Efficiency Projects at the Water Treatment Plant. The energy efficiency improvements included a grant in the amount of $328,000 (with a 20% local match of $82,000) to provide optimization of the facilities' high-lift pump, including the addition of a variable frequency drive (VFD), replacement of light fixtures, installation of occupancy sensors, control monitors, and hazardous gas detection system for ventilation fans. The improvements are estimated to save $48,800 annually.

The project was advertised with a bid opening on March 12, 2026. Although several firms showed interest in the project, no bids were received. The original timeline for the grant required the City to seek reimbursement for allowable costs beginning August 1, 2024, through March 31, 2026. In order to not lose the grant funding, the City Manager executed an amendment to the IEPA Grant agreement extending the grant term to December 31, 2026.

Staff recommends ratifying the Amendment of the Agreement extending the original project timeline in order to allow staff additional time to review the bid documents and research the reasons firms did not bid on the project. Upon completion of the review, bid documents will be revised to address any concerns and the project will be rebid.

Core Priorities:
Fiscal Stability
Sufficient funds are budgeted under the Department of Public Works Water Production Division

FY 2025 and 2026 Capital Improvement Plan budget to cover City's 20 % share of this project.

Attachments:

1. HP Resolution Ratifying Amendment to Grant Agreement with IEPA
2. 26-3312-PWS24102-A1 City of Highland Park final AB

City of Highland Park

Resolution No. _____

A Resolution Ratifying an Amendment to an Agreement with the Illinois Environmental Protection Agency for Energy Efficiency Projects at the Water Treatment Plant

WHEREAS, Illinois Environmental Protection Agency (***"IEPA"***) provides grant funding for energy efficiency projects at publicly-owned water supply facilities; and

WHEREAS, on July 29, 2024, the City Council adopted Resolution No. R84-2024, approving an agreement with the IEPA to receive grant funding for energy efficiency improvements to the Water Treatment Plant (***"Agreement"***); and

WHEREAS, the Agreement expires on March 31, 2026; and

WHEREAS, the City and the IEPA desire to amend the Agreement to: (i) extend the term of and various dates in the Agreement, and (ii) include additional reporting requirements (***"Amendment"***); and

WHEREAS, on March 20, 2026, the City Manager executed the Amendment on behalf of the City; and

WHEREAS, the City Council has determined that ratifying the execution of the Amendment will serve and be in the best interest of the City and its residents;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: RATIFICATION OF AMENDMENT. The City Council hereby authorizes and approves the Amendment, and hereby acknowledges, ratifies, and approves the prior execution of the Amendment by the City Manager on March 20, 2026.

SECTION THREE: EFFECTIVE DATE. This Resolution will be in full force and effect upon its passage and approval by a majority of the members of the City Council.

[SIGNATURE PAGE FOLLOWS]

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

RESOLUTION NO.:

_____
Nancy R. Rotering, Mayor

ATTEST:

_____
Ghida S. Neukirch, City Clerk

Amendment No. 26-3312-PWS24102-A1

Agreement No. 25-3312-PWS24102

AMENDMENT TO THE GRANT AGREEMENT

BETWEEN

THE STATE OF ILLINOIS, ENVIRONMENTAL PROTECTION AGENCY

AND

CITY OF HIGHLAND PARK

The State of Illinois (State), acting through the undersigned agency (Grantor) and

CITY OF HIGHLAND PARK (Grantee)

(collectively, the "Parties" and individually, a "Party") agree that this Amendment (Amendment) will amend the Grant Agreement (Agreement) referenced herein. All terms and conditions set forth in the original Agreement and any subsequent amendment, but not amended herein, shall remain in full force and effect as written. In the event of conflict, the terms of this Amendment shall prevail.

The Parties or their duly authorized representatives hereby execute this Amendment.

Illinois Environmental Protection Agency

By: _____

Signature of James Jennings , Title Acting Director

By: N/A

Signature of Designee

Date: _____

Printed Name: N/A

Printed Title: N/A

Designee

By: _____

Signature of Second Grantor Approver, if applicable

Date: _____

Printed Name: Andrew Armstrong

Printed Title: Chief Legal Counsel

Second Grantor Approver

By: _____

Signature of Third Grantor Approver, if applicable

Date: _____

Printed Name: Max Paller

Printed Title: Chief Financial Officer

Third Grantor Approver

City of Highland Park

By: Ghida S. Neukirch

Signature of Authorized Representative

Date: 20 March 2026

Printed Name: Ghida S. Neukirch

Printed Title: City Manager

Email: gneukirch@cityhpil.com

By: _____

Signature of Second Grantee Approver, if applicable

Date: _____

Printed Name: _____

Printed Title: _____

Email: _____

Second Grantee Approver
(optional at Grantee's discretion)

APPROVED AS TO FORM ONLY
HMP
CORPORATION COUNSEL

ARTICLE I
AWARD AND AMENDMENT INFORMATION AND CERTIFICATION

1.1. Original Agreement. The Agreement, numbered 25-3312-PWS24102, has an original term from 08/14/24 to 03/31/26.

1.2. Prior Amendments. Below is the list of all prior amendments to the Agreement (mark N/A if none):
Amendment Number: N/A, Effective Date: N/A

1.3. Current Agreement Term. The Agreement expires on 03/31/26, unless terminated pursuant to the Agreement.

1.4. Item(s) Altered. Identify which of the following Agreement elements are amended herein (check all that apply):

- ☐ Exhibit A (Project Description)
- ☒ Exhibit B (Deliverables/Milestones)
- ☐ Exhibit C (Contact Information)
- ☐ Exhibit D (Performance Measures/Stds.)
- ☐ Exhibit E (Specific Conditions)
- ☒ Award Term
- ☐ Award Amount
- ☐ PART TWO (Grantor-Specific Terms)
- ☒ PART THREE (Project-Specific Terms)
- ☐ Budget
- ☐ Funding Source
- ☐ Other (specify): _____

1.5. Effective Date. This Amendment shall be effective upon execution. If an effective date is not identified in this Paragraph, the Amendment shall be effective upon the last dated signature of the Parties.

1.6. Certification. Grantee certifies under oath that (1) all representations made in this Amendment are true and correct and (2) all Grant Funds awarded pursuant to the Agreement shall be used only for the purpose(s) described therein, including all subsequent amendments. Grantee acknowledges that the Award is made solely upon this certification and that any false statements, misrepresentations, or material omissions shall be the basis for immediate termination of the Agreement and repayment of all Grant Funds.

THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK.

AMENDMENTS

ARTICLE II

2.1. Current Agreement Term. The Agreement expires on 12/31/26, unless terminated pursuant to the Agreement

2.2. Payment. Payment will be made as follows (see additional payment requirements in ARTICLE IV; additional payment provisions specific to this Award may be included in PART TWO or PART THREE):
The Grantee shall receive a total of $328,000.00 under this Agreement. The line item and maximum allowable project costs are identified in the provided and signed Uniform Grant Budget Template. The Grantee will NOT be reimbursed by the Grantor for any expenditures or obligations incurred that exceed $328,000.00 Any such expenditures or obligations incurred by the Grantee will be incurred at the Grantee's own risk.

The Grantee may seek reimbursement for allowable costs beginning August 1, 2024 through November 31, 2026. Final requests for reimbursement of costs should be received by the Grantor no later than December 31, 2026.

Reimbursement to the Grantee is reviewed and processed by the Grantor based on invoices and supporting documentation from the Grantee providing a detailed representation of costs incurred to complete the requirements of the Agreement. Such invoices must be presented no more frequently than once a month with the final invoice submitted no later than thirty days after completion of full performance on the part of the Grantee or December 31, 2026, whichever occurs first. All requests for reimbursements must include a cover page with the identifier: City of Highland Park PWS24102.

Cost sharing or matching is a requirement of the Public Water Supply Energy Efficiency Grant Program. Minimum match requirement for Grantee is 20% of total project cost which equals $82,000.

Non-complianceRequests for reimbursements and all supplemental documentation must be submitted electronically to both: EPA.FiscalServ@illinois.gov AND EPA.EnergyGrants@illinois.gov.

Non-compliance with terms of this Agreement may result in the denial or decrease in reimbursement made to the Grantee.

2.3. Exhibit B Changes. Exhibit B is amended as detailed in the attached new Exhibit B.

2.4. PART THREE Changes. Project specific terms are amended as detailed in the attached new ARTICLE XXIII Additional Reporting Requirements.

THE REMAINDER OF THS PAGE IS INTENTIONALLY LEFT BLANK.

EXHIBIT B

DELIVERABLES AND MILESTONES

Deliverables

Items completed prior to the execution of this Agreement do not count toward meeting the project deliverables.

1. Email EPA.EnergyGrants@Illinois.gov to notify the Office of Energy of project initiation and completion.
2. Complete installation and/or upgrade of all energy efficiency measures as outlined in the Project Description (Exhibit A).
3. Submit a Final Narrative Project Report that includes the following:
    a. Grant agreement number
    b. Project period
    c. Project title
    d. Project milestones
    e. Project budget (including cost-share)
    f. Description and pictures of pre/post conditions
    g. Estimated annual energy savings and energy cost reduction
    h. Discussion of project challenges and successes

Milestones

Date for Beginning Project Work	February 2025
Project completion date	October 2026
Final Narrative Project Report Due	November 2026
Final monthly reimbursement request	December 2026

In the event the Grantee cannot complete any of the Milestones within the timeframe identified, or anticipates non-performance due to circumstances outside of the Grantee's control, the Grantee must notify the Grantor as soon as practicable.

ARTICLE XXIII

ADDITIONAL REPORTING REQUIREMENTS

1. State Reporting Requirements
    a. Quarterly Narrative Performance Report (NPR) due no later than 15 calendar days following the period covered by the report, for quarters ending March 31, June 30, September 30, and December 31.
        i. Updates and highlights associated with meeting the deliverables and/or milestones as outlined in Exhibit B.
        ii. A description of any challenges and plans to overcome those challenges in the event where a milestone and/or deliverable is completed after the due date; deliverable not completed and due date has passed; or where the grantee anticipates the deliverables will not be completed by future due dates.
    b. Final Narrative Project Report (NPR) due not later than 30 days after the end date of the project work has been completed or December 31, 2026, whichever is earlier. Requirements for report is outlined in Exhibit B.

2. Federal Reporting Requirements
    a. Davis-Bacon Act (if applicable) Reports
        i. Payroll reports submitted weekly through LCPtracker.
        ii. Assurance report submitted semi-annually through LCPtracker.
    b. Bipartisan Infrastructure Law (BIL) Supplemental Annual Data Report
    See Federal Terms and Conditions

The Grantee may be required to complete additional reporting for National Environmental Policy Act (NEPA) and/or State and Federal Historic Preservation Act, based on project scope and U.S. DOE and State Historic Preservation Office (SHPO) determinations.

*As a requirement of the Davis-Bacon Act (DBA), award recipients must submit weekly, certified payrolls to the U.S. DOE. This ensures that employers are in compliance with the law by paying applicable workers the required prevailing wage and benefits on a weekly basis. U.S. DOE has contracted with LCPtracker, a third-party software application, to make this tracking and submission as accessible as possible. This software is free to use. More information can be found at the websites provided below:

U.S. DOE Weekly DBA Payroll Tracking with LCPtracker:
https://www.energy.gov/infrastructure/weekly-dba-payroll-tracking-lcptracker

LCPtracker Guide for BIL Award Recipients: https://www.energy.gov/sites/default/files/2024-05/BIL%20DBA%20Compliance%20using%20LCPtracker%20-%20External%20Guidance%20Final%20050124.pdf

LCPtracker Login Page: https://prod-cdn.lcptracker.net/login/login

Agreement No. 25-3312-PWS24102

GRANT AGREEMENT

BETWEEN

THE STATE OF ILLINOIS, ENVIRONMENTAL PROTECTION AGENCY

AND

CITY OF HIGHLAND PARK

The parties to this Grant Agreement (Agreement) are the State of Illinois (State), acting through the undersigned agency and City of Highland Park (Grantee) (collectively, the "Parties" and individually, a "Party"). The Agreement, consisting of the signature page, the parts listed below, and any additional exhibits or attachments referenced in this Agreement, constitute the entire agreement between the Parties. No promises, terms, or conditions not recited, incorporated or referenced herein, including prior agreements or oral discussions, are binding upon either Grantee or Grantor.

PART ONE - The Uniform Terms

Article I	**Definitions**
Article II	**Award Information**
Article III	**Grantee Certifications and Representations**
Article IV	**Payment Requirements**
Article V	**Scope of Award Activities/Purpose of Award**
Article VI	**Budget**
Article VII	**Allowable Costs**
Article VIII	**Lobbying**
Article IX	**Maintenance and Accessibility of Records; Monitoring**
Article X	**Financial Reporting Requirements**
Article XI	**Performance Reporting Requirements**
Article XII	**Audit Requirements**
Article XIII	**Termination; Suspension; Non-compliance**
Article XIV	**Subcontracts/Subawards**
Article XV	**Notice of Change**
Article XVI	**Structural Reorganization and Reconstitution of Board Membership**
Article XVII	**Conflict of Interest**
Article XVIII	**Equipment or Property**
Article XIX	**Promotional Materials; Prior Notification**
Article XX	**Insurance**
Article XXI	**Lawsuits and Indemnification**
Article XXII	**Miscellaneous**
Exhibit A	**Project Description**
Exhibit B	**Deliverables or Milestones**
Exhibit C	**Contact Information**
Exhibit D	**Performance Measures and Standards**
Exhibit E	**Specific Conditions**

PART TWO - Grantor-Specific Terms

PART THREE - Project-Specific Terms

Agreement No. 25-3312-PWS24102

The Parties or their duly authorized representatives hereby execute this Agreement.

Illinois Environmental Protection Agency

By: James Jennings Digitally signed by James Jennings Date: 2024.08.14 09:08:38 -05'00'

Signature of James M. Jennings, Title Interim Director

By: N/A

Signature of Designee

Date:

Printed Name: N/A

Printed Title: N/A

By: Andrew Armstrong Digitally signed by Andrew Armstrong Date: 2024.08.13 22:01:17 -05'00'

Signature of Second Grantor Approver, if applicable

Date:

Printed Name: Andrew Armstrong

Printed Title: Chief Legal Counsel

Second Grantor Approver

By: Digitally signed by Jake Poeschel Date: 2024.08.13 15:52:39 -05'00'

Signature of Third Grantor Approver, if applicable

Date:

Printed Name: Jacob Poeschel

Printed Title: Chief Financial Officer

Third Grantor Approver

By:

Signature of Fourth Grantor Approver, if applicable

Date:

Printed Name:

Printed Title:

Fourth Grantor Approver

City of Highland Park

APPROVED AS TO FORM ONLY
HMP
CORPORATION COUNSEL

By:

Signature of Authorized Representative

Date: 12 August 2024

Printed Name: Ghida S. Neukirch

Printed Title: City Manager

Email: gneukirch@cityhpil.com

By:

Signature of Second Grantee Approver, if applicable

Date: 8/13/2024

Printed Name: Ashley Palbitska

Printed Title: Deputy City Clerk

Email: apalbitska@cityhpil.com

Second Grantee Approver
(optional at Grantee's discretion)

PART ONE - THE UNIFORM TERMS

ARTICLE I
DEFINITIONS

1.1. Definitions. Capitalized words andphrases used in this Agreement have the meanings stated in 2 CFR 200.1 unless otherwise stated below.

"Allowable Costs" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Award" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Budget" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Catalog of State Financial Assistance" or "CSFA" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Close-out Report" means a report from the Grantee allowing Grantor to determine whether all applicable administrative actions and required work have been completed, and therefore closeout actions can commence.

"Conflict of Interest" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Cooperative Research and Development Agreement" has the same meaning as in 15 USC 3710a.

"Direct Costs" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Financial Assistance" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"GATU" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Grant Agreement" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Grantee Compliance Enforcement System" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Grant Funds" means the Financial Assistance made available to Grantee through this Agreement.

"Grantee Portal" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Indirect Costs" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Indirect Cost Rate" means a device for determining in a reasonable manner the proportion of Indirect Costs each Program should bear. It is a ratio (expressed as a percentage) of the Indirect Costs to a Direct Cost base. If reimbursement of Indirect Costs is allowable under an Award, Grantor will not reimburse those Indirect Costs unless Grantee has established an Indirect Cost Rate covering the applicable activities and period of time, unless Indirect Costs are reimbursed at a fixed rate.

"Indirect Cost Rate Proposal" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Obligations" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Period of Performance" has the same meaning as in 44 Ill. Admin. Code 7000.30.

“Prior Approval” has the same meaning as in 44 Ill. Admin. Code 7000.30.

“Profit” means an entity's total revenue less its operating expenses, interest paid, depreciation, and taxes. “Profit” is synonymous with the term “net revenue.”

“Program” means the services to be provided pursuant to this Agreement. "Program" is used interchangeably with "Project."

“Program Costs” means all Allowable Costs incurred by Grantee and the value of the contributions made by third parties in accomplishing the objectives of the Award during the Term of this Agreement.

“Related Parties” has the meaning set forth in Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 850-10-20.

“SAM” has the same meaning as in 44 Ill. Admin. Code 7000.30.

“State-issued Award” means the assistance that a grantee receives directly from a State agency. The funding source of the State-issued Award can be federal pass-through, State or a combination thereof. "State-issued Award" does not include the following:

- contracts issued pursuant to the Illinois Procurement Code that a State agency uses to buy goods or services from a contractor or a contract to operate State government-owned, contractor-operated facilities;
- agreements that meet the definition of "contract" under 2 CFR 200.1 and 2 CFR 200.331, which a State agency uses to procure goods or services but are exempt from the Illinois Procurement Code due to an exemption listed under 30 ILCS 500/1-10, or pursuant to a disaster proclamation, executive order, or any other exemption permitted by law;
- amounts received for services rendered to an individual;
- Cooperative Research and Development Agreements;
- an agreement that provides only direct cash assistance to an individual;
- a subsidy;
- a loan;
- a loan guarantee; or
- insurance.

“Illinois Stop Payment List” has the same meaning as in 44 Ill. Admin. Code 7000.30.

“Unallowable Cost” has the same meaning as in 44 Ill. Admin. Code 7000.30.

“Unique Entity Identifier” or “UEI” has the same meaning as in 44 Ill. Admin. Code 7000.30.

ARTICLE II
AWARD INFORMATION

2.1. Term. This Agreement is effective on upon execution and expires on 3/31/26 (the Term), unless terminated pursuant to this Agreement.

2.2. Amount of Agreement. Grant Funds (check one) ☐ must not exceed or ☐ are estimated to be $328,000.00 , of which $328,000.00 are federal funds. Grantee accepts Grantor's payment as specified in this ARTICLE.

2.3. Payment. Payment will be made as follows (see additional payment requirements in ARTICLE IV; additional payment provisions specific to this Award may be included in **PART TWO** or **PART THREE**):
The Grantee shall receive a total of $328,000.00 under this Agreement. The line item and maximum allowable project costs are identified in the provided and signed Uniform Grant Budget Template. The Grantee will NOT be reimbursed by the Grantor for any expenditures or obligations incurred that exceed $328,000.00 Any such expenditures or obligations incurred by the Grantee will be incurred at the Grantee's own risk.

The Grantee may seek reimbursement for allowable costs beginning August 1, 2024 through March 31, 2026. Final requests for reimbursement of costs should be received by the Grantor no later than April 30, 2026.

Reimbursement to the Grantee is reviewed and processed by the Grantor based on invoices and supporting documentation from the Grantee providing a detailed representation of costs incurred to complete the requirements of this Agreement. Such invoices must be presented no more frequently than once a month with the final invoice submitted no later than thirty days after completion of full performance on the part of the Grantee or April 30, 2026, whichever occurs first. All requests for reimbursements must include a cover page with the identifier: City of Highland Park PWS24102.

Cost sharing or matching is a requirement of the Public Water Supply Energy Efficiency Grant Program. Minimum match requirement for Grantee is 20% of total project cost which equals $82,000.

Requests for reimbursements and all supplemental documentation must be submitted electronically to both: EPA.FiscalServ@illinois.gov AND EPA.EnergyGrants@illinois.gov.

Non-compliance with the terms of this Agreement may result in the denial or decrease in reimbursement made to the Grantee.

2.4. Award Identification Numbers. If applicable, the Federal Award Identification Number (FAIN) is EE0010070 , the federal awarding agency is U.S. Department of Energy , the Federal Award date is 10/1/23 . If applicable, the Assistance Listing Program Title is State Energy Program – BIL - IL and Assistance Listing Number is 81.041 . The Catalog of State Financial Assistance (CFSA) Number is 532-30-3312 and the CSFA Name is Public Water Supply Energy Efficiency Program . If applicable, the State Award Identification Number (SAIN) is N/A .

ARTICLE III
GRANTEE CERTIFICATIONS AND REPRESENTATIONS

3.1. Registration Certification. Grantee certifies that: (i) it is registered with SAM and UQMLM2TC1YF7 is Grantee's correct UEI; (ii) it is in good standing with the Illinois Secretary of State, if applicable; and (iii) Grantee has successfully completed the annual registration and prequalification through the Grantee Portal.

Grantee must remain current with these registrations and requirements. If Grantee's status with regard to any of these requirements changes, or the certifications made in and information provided in the uniform grant application changes, Grantee must notify Grantor in accordance with ARTICLE XV.

3.2. Tax Identification Certification. Grantee certifies that: 366005924 is Grantee's correct federal employer identification number (FEIN) or Social Security Number. Grantee further certifies, if applicable:
(a) that Grantee is not subject to backup withholding because (i) Grantee is exempt from backup withholding, or (ii) Grantee has not been notified by the Internal Revenue Service (IRS) that Grantee is subject to backup withholding as a result of a failure to report all interest or dividends, or (iii) the IRS has notified Grantee that Grantee is no longer subject to backup withholding; and (b) Grantee is a U.S. citizen or other U.S. person.
Grantee is doing business as a (check one):

- ☐ Individual
- ☐ Sole Proprietorship
- ☐ Partnership
- ☐ Corporation (includes Not For Profit)
- ☐ Medical Corporation
- ☒ Governmental Unit
- ☐ Estate or Trust
- ☐ Pharmacy-Non-Corporate
- ☐ Pharmacy/Funeral Home/Cemetery Corp.
- ☐ Tax Exempt
- ☐ Limited Liability Company (select applicable tax classification)
  - ☐ P = partnership
  - ☐ C = corporation

If Grantee has not received a payment from the State of Illinois in the last two years, Grantee must submit a W-9 tax form with this Agreement.

3.3. Compliance with Uniform Grant Rules. Grantee certifies that it must adhere to the applicable Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, which are published in Title 2, Part 200 of the Code of Federal Regulations (2 CFR Part 200) and are incorporated herein by reference. 44 Ill. Admin. Code 7000.40(c)(1)(A). The requirements of 2 CFR Part 200 apply to the Grant Funds awarded through this Agreement, regardless of whether the original source of the funds is State or federal, unless an exception is noted in federal or State statutes or regulations. 30 ILCS 708/5(b).

3.4. Representations and Use of Funds. Grantee certifies under oath that (1) all representations made in this Agreement are true and correct and (2) all Grant Funds awarded pursuant to this Agreement must be used only for the purpose(s) described herein. Grantee acknowledges that the Award is made solely upon this certification and that any false statements, misrepresentations, or material omissions will be the basis for immediate termination of this Agreement and repayment of all Grant Funds.

3.5. Specific Certifications. Grantee is responsible for compliance with the enumerated certifications in this Paragraph to the extent that the certifications apply to Grantee.

(a) **Bribery.** Grantee certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, nor made an admission of guilt of such conduct which is a matter of record.

(b) **Bid Rigging.** Grantee certifies that it has not been barred from contracting with a unit of State or local government as a result of a violation of Paragraph 33E-3 or 33E-4 of the Criminal Code of 2012 (720 ILCS 5/33E-3 or 720 ILCS 5/33E-4, respectively).

(c) **Debt to State.** Grantee certifies that neither it, nor its affiliate(s), is/are barred from receiving an Award because Grantee, or its affiliate(s), is/are delinquent in the payment of any debt to the State, unless Grantee, or its affiliate(s), has/have entered into a deferred payment plan to pay off the debt.

(d) **International Boycott.** Grantee certifies that neither it nor any substantially owned affiliated company is participating or will participate in an international boycott in violation of the provision of the Anti-Boycott Act of 2018, Part II of the Export Control Reform Act of 2018 (50 USC 4841 through 4843), and the anti-boycott provisions set forth in Part 760 of the federal Export Administration Regulations (15 CFR Parts 730 through 774).

(e) **Discriminatory Club Dues or Fees.** Grantee certifies that it is not prohibited from receiving an Award because it pays dues or fees on behalf of its employees or agents, or subsidizes or otherwise reimburses employees or agents for payment of their dues or fees to any club which unlawfully discriminates (775 ILCS 25/2).

(f) **Pro-Children Act.** Grantee certifies that it is in compliance with the Pro-Children Act of 2001 in that it prohibits smoking in any portion of its facility used for the provision of health, day care, early childhood development services, education or library services to children under the age of eighteen (18) (except such portions of the facilities which are used for inpatient substance abuse treatment) (20 USC 7181-7184).

(g) **Drug-Free Workplace.** If Grantee is not an individual, Grantee certifies it will provide a drug free workplace pursuant to the Drug Free Workplace Act. 30 ILCS 580/3. If Grantee is an individual and this Agreement is valued at more than $5,000, Grantee certifies it will not engage in the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance during the performance of the Agreement. 30 ILCS 580/4. Grantee further certifies that if it is a recipient of federal pass-through funds, it is in compliance with government-wide requirements for a drug-free workplace as set forth in 41 USC 8103.

(h) **Motor Voter Law.** Grantee certifies that it is in full compliance with the terms and provisions of the National Voter Registration Act of 1993 (52 USC 20501 *et seq.*).

(i) **Clean Air Act and Clean Water Act.** Grantee certifies that it is in compliance with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 USC 7401 *et seq.*) and the Federal Water Pollution Control Act, as amended (33 USC 1251 *et seq.*).

(j) **Debarment.** Grantee certifies that it is not debarred, suspended, proposed for debarment or permanent inclusion on the Illinois Stop Payment List, declared ineligible, or voluntarily excluded from participation in this Agreement by any federal department or agency (2 CFR 200.205(a)), or by the State (30 ILCS 708/25(6)(G)).

(k) **Non-procurement Debarment and Suspension.** Grantee certifies that it is in compliance with Subpart C of 2 CFR Part 180 as supplemented by 2 CFR Part 376, Subpart C.

(l) **Health Insurance Portability and Accountability Act.** Grantee certifies that it is in compliance with the Health Insurance Portability and Accountability Act of 1996 (HIPAA) (Public Law No. 104-191, 45 CFR Parts 160, 162 and 164, and the Social Security Act, 42 USC 1320d-2 through 1320d-7), in that it may not use or disclose protected health information other than as permitted or required by law and agrees to use appropriate safeguards to prevent use or disclosure of the protected health information. Grantee must maintain, for a minimum of six (6) years, all protected health information.

(m) **Criminal Convictions.** Grantee certifies that:

(i) Neither it nor a managerial agent of Grantee (for non-governmental grantees only, this includes any officer, director or partner of Grantee) has been convicted of a felony under the Sarbanes-Oxley Act of 2002, nor a Class 3 or Class 2 felony under Illinois Securities Law of 1953, or that at least five (5) years have passed since the date of the conviction; and

(ii) It must disclose to Grantor all violations of criminal law involving fraud, bribery or gratuity violations potentially affecting this Award. Failure to disclose may result in remedial actions as stated in the Grant Accountability and Transparency Act. 30 ILCS 708/40. Additionally, if Grantee receives over $10 million in total federal Financial Assistance, during the period of this Award, Grantee must maintain the currency of information reported to SAM regarding civil, criminal or administrative proceedings as required by 2 CFR 200.113 and Appendix XII of 2 CFR Part 200, and 30 ILCS 708/40.

(n) **Federal Funding Accountability and Transparency Act of 2006 (FFATA).** Grantee certifies that it is in compliance with the terms and requirements of 31 USC 6101 with respect to Federal Awards greater than or equal to $30,000. A FFATA subaward report must be filed by the end of the month following the month in which the award was made.

(o) **Illinois Works Review Panel**. For Awards made for public works projects, as defined in the Illinois Works Jobs Program Act, Grantee certifies that it and any contractor(s) or subcontractor(s) that performs work using funds from this Award, must, upon reasonable notice, appear before and respond to requests for information from the Illinois Works Review Panel. 30 ILCS 559/20-25(d).

(p) **Anti-Discrimination.** Grantee certifies that its employees and subcontractors under subcontract made pursuant to this Agreement, must comply with all applicable provisions of State and federal laws and regulations pertaining to nondiscrimination, sexual harassment and equal employment opportunity including, but not limited to: Illinois Human Rights Act (775 ILCS 5/1-101 *et seq.*), including, without limitation, 44 Ill. Admin. Code 750-Appendix A, which is incorporated herein; Public Works Employment Discrimination Act (775 ILCS 10/1 *et seq.*); Civil Rights Act of 1964 (as amended) (42 USC 2000a - 2000h-6); Section 504 of the Rehabilitation Act of 1973 (29 USC 794); Americans with Disabilities Act of 1990 (as amended) (42 USC 12101 *et seq.*); and the Age Discrimination Act of 1975 (42 USC 6101 *et seq.*).

(q) **Internal Revenue Code and Illinois Income Tax Act**. Grantee certifies that it complies with all provisions of the federal Internal Revenue Code (26 USC 1), the Illinois Income Tax Act (35 ILCS 5), and all regulations and rules promulgated thereunder, including withholding provisions and timely deposits of employee taxes and unemployment insurance taxes.

ARTICLE IV
PAYMENT REQUIREMENTS

4.1. Availability of Appropriation; Sufficiency of Funds. This Agreement is contingent upon and subject to the availability of sufficient funds. Grantor may terminate or suspend this Agreement, in whole or in part, without penalty or further payment being required, if (i) sufficient funds for this Agreement have not been appropriated or otherwise made available to Grantor by the State or the federal funding source, (ii) the Governor or Grantor reserves funds, or (iii) the Governor or Grantor determines that funds will not or may not be available for payment. Grantor must provide notice, in writing, to Grantee of any such funding failure and its election to terminate or suspend this Agreement as soon as practicable. Any suspension or termination pursuant to this Paragraph will be effective upon the date of the written notice unless otherwise indicated.

4.2. Pre-Award Costs. Pre-award costs are not permitted unless specifically authorized by Grantor in **Exhibit A**, **PART TWO** or **PART THREE** of this Agreement. If they are authorized, pre-award costs must be charged to the initial Budget Period of the Award, unless otherwise specified by Grantor. 2 CFR 200.458.

4.3. Return of Grant Funds. Grantee must liquidate all Obligations incurred under the Award within forty-five (45) days of the end of the Period of Performance, or in the case of capital improvement Awards, within forty-five (45) days of the end of the time period the Grant Funds are available for expenditure or obligation, unless Grantor permits a longer period in **PART TWO** OR **PART THREE**. Grantee must return to Grantor within forty-five (45) days of the end of the applicable time period as set forth in this Paragraph all remaining Grant Funds that are not expended or legally obligated.

4.4. Cash Management Improvement Act of 1990. Unless notified otherwise in **PART TWO** or **PART THREE**, Grantee must manage federal funds received under this Agreement in accordance with the Cash Management Improvement Act of 1990 (31 USC 6501 *et seq.*) and any other applicable federal laws or regulations. 2 CFR 200.305; 44 Ill. Admin. Code 7000.120.

4.5. Payments to Third Parties. Grantor will have no liability to Grantee when Grantor acts in good faith to redirect all or a portion of any Grantee payment to a third party. Grantor will be deemed to have acted in good faith when it is in possession of information that indicates Grantee authorized Grantor to intercept or redirect payments to a third party or when so ordered by a court of competent jurisdiction.

4.6. Modifications to Estimated Amount. If the Agreement amount is established on an estimated basis, then it may be increased by mutual agreement at any time during the Term. Grantor may decrease the estimated amount of this Agreement at any time during the Term if (i) Grantor believes Grantee will not use the funds during the Term, (ii) Grantor believes Grantee has used Grant Funds in a manner that was not authorized by this Agreement, (iii) sufficient funds for this Agreement have not been appropriated or otherwise made available to Grantor by the State or the federal funding source, (iv) the Governor or Grantor reserves funds, or (v) the Governor or Grantor determines that funds will or may not be available for payment. Grantee will be notified, in writing, of any adjustment of the estimated amount of this Agreement. In

the event of such reduction, services provided by Grantee under **Exhibit A** may be reduced accordingly. Grantor must pay Grantee for work satisfactorily performed prior to the date of the notice regarding adjustment. 2 CFR 200.308.

4.7. Interest.

(a) All interest earned on Grant Funds held by a Grantee will be treated in accordance with 2 CFR 200.305(b)(9), unless otherwise provided in **PART TWO** or **PART THREE**. Grantee must remit annually any amount due in accordance with 2 CFR 200.305(b)(9) or to Grantor, as applicable.

(b) Grant Funds must be placed in an insured account, whenever possible, that bears interest, unless exempted under 2 CFR 200.305(b)(8).

4.8. Timely Billing Required. Grantee must submit any payment request to Grantor within fifteen (15) days of the end of the quarter, unless another billing schedule is specified in **ARTICLE II, PART TWO**, or **PART THREE**. Failure to submit such payment request timely will render the amounts billed Unallowable Costs which Grantor cannot reimburse. In the event that Grantee is unable, for good cause, to submit its payment request timely, Grantee shall timely notify Grantor and may request an extension of time to submit the payment request. Grantor's approval of Grantee's request for an extension shall not be unreasonably withheld.

4.9. Certification. Pursuant to 2 CFR 200.415, each invoice and report submitted by Grantee (or subrecipient) must contain the following certification by an official authorized to legally bind Grantee (or subrecipient):

> By signing this report [or payment request or both], I certify to the best of my knowledge and belief that the report [or payment request] is true, complete, and accurate; that the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the State or federal pass-through award; and that supporting documentation has been submitted as required by the grant agreement. I acknowledge that approval for any other expenditure described herein is considered conditional subject to further review and verification in accordance with the monitoring and records retention provisions of the grant agreement. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812; 30 ILCS 708/120).

ARTICLE V
SCOPE OF AWARD ACTIVITIES/PURPOSE OF AWARD

5.1. Scope of Award Activities/Purpose of Award. Grantee must perform as described in this Agreement, including as described in **Exhibit A** (Project Description), **Exhibit B** (Deliverables or Milestones), and **Exhibit D** (Performance Measures and Standards), as applicable. Grantee must further comply with all terms and conditions set forth in the Notice of State Award (44 Ill. Admin. Code 7000.360) which is incorporated herein by reference. All Grantor-specific provisions and programmatic reporting required under this Agreement are described in **PART TWO** (Grantor-Specific Terms). All Project-specific provisions and reporting required under this Agreement are described in **PART THREE** (Project-Specific Terms).

5.2. Scope Revisions. Grantee must obtain Prior Approval from Grantor whenever a scope revision is necessary for one or more of the reasons enumerated in 44 Ill. Admin. Code 7000.370(b)(2). All requests for scope revisions that require Grantor approval must be signed by Grantee's authorized representative and submitted to Grantor for approval. Expenditure of funds under a requested revision is prohibited and will not be reimbursed if expended before Grantor gives written approval. 2 CFR 200.308.

5.3. Specific Conditions. If applicable, specific conditions required after a risk assessment are included in **Exhibit E**. Grantee must adhere to the specific conditions listed therein. 44 Ill. Admin. Code 7000.340(e).

ARTICLE VI
BUDGET

6.1. Budget. The Budget submitted by Grantee at application, or a revised Budget subsequently submitted and approved by Grantor, is considered final and is incorporated herein by reference.

6.2. Budget Revisions. Grantee must obtain Prior Approval, whether mandated or discretionary, from Grantor whenever a Budget revision, is necessary for one or more of the reasons enumerated in 44 Ill. Admin. Code 7000.370(b). All requests for Budget revisions that require Grantor approval must be signed by Grantee's authorized representative and submitted to Grantor for approval. Expenditure of funds under a requested revision is prohibited and will not be reimbursed if expended before Grantor gives written approval.

6.3. Notification. Within thirty (30) calendar days from the date of receipt of the request for Budget revisions, Grantor will review the request and notify Grantee whether the Budget revision has been approved, denied, or the date upon which a decision will be reached. 44 Ill. Admin. Code 7000.370(b)(7).

ARTICLE VII
ALLOWABLE COSTS

7.1. Allowability of Costs; Cost Allocation Methods. The allowability of costs and cost allocation methods for work performed under this Agreement will be determined in accordance with 2 CFR Part 200 Subpart E and Appendices III, IV, V, and VII.

7.2. Indirect Cost Rate Submission.

(a) All grantees, except for Local Education Agencies (as defined in 34 CFR 77.1), must make an Indirect Cost Rate election in the Grantee Portal, even grantees that do not charge or expect to charge Indirect Costs. 44 Ill. Admin. Code 7000.420(e).

(i) Waived and de minimis Indirect Cost Rate elections will remain in effect until Grantee elects a different option.

(b) Grantee must submit an Indirect Cost Rate Proposal in accordance with federal and State regulations, in a format prescribed by Grantor. For grantees who have never negotiated an Indirect Cost Rate before, the Indirect Cost Rate Proposal must be submitted for approval no later than three months after the effective date of the Award. For grantees who have previously negotiated an Indirect Cost Rate, the Indirect Cost Rate Proposal must be submitted for approval within 180 days of Grantee's fiscal year end, as dictated in the applicable appendices, such as:

(i) Appendix VII to 2 CFR Part 200 governs Indirect Cost Rate Proposals for state and Local Governments and Indian Tribes,

(ii) Appendix III to 2 CFR Part 200 governs Indirect Cost Rate Proposals for public and private institutions of higher education,

(iii) Appendix IV to 2 CFR Part 200 governs Indirect (F&A) Costs Identification and Assignment, and Rate Determination for Nonprofit Organizations, and

(iv) Appendix V to 2 CFR Part 200 governs state/Local Governmentwide Central Service Cost Allocation Plans.

(c) A grantee who has a current, applicable rate negotiated by a cognizant federal agency must provide to Grantor a copy of its Indirect Cost Rate acceptance letter from the federal government and a copy of all documentation regarding the allocation methodology for costs used to negotiate that rate, e.g., without limitation, the cost policy statement or disclosure narrative statement. Grantor will accept that Indirect Cost Rate, up to any

statutory, rule-based or programmatic limit.

(d) A grantee who does not have a current negotiated rate, may elect to charge the de minimis rate as set forth in CFR 200.414(f), which may be used indefinitely. No documentation is required to justify the de minimis Indirect Cost Rate. 2 CFR 200.414(f).

7.3. Transfer of Costs. Cost transfers between Grants, whether as a means to compensate for cost overruns or for other reasons, are unallowable. 2 CFR 200.451.

7.4. Commercial Organization Cost Principles. The federal cost principles and procedures for cost analysis and the determination, negotiation and allowance of costs that apply to commercial organizations are set forth in 48 CFR Part 31.

7.5. Financial Management Standards. The financial management systems of Grantee must meet the following standards:

(a) **Accounting System**. Grantee organizations must have an accounting system that provides accurate, current, and complete disclosure of all financial transactions related to each state- and federally-funded Program. Accounting records must contain information pertaining to State and federal pass-through awards, authorizations, Obligations, unobligated balances, assets, outlays, and income. These records must be maintained on a current basis and balanced at least quarterly. Cash contributions to the Program from third parties must be accounted for in the general ledger with other Grant Funds. Third party in-kind (non-cash) contributions are not required to be recorded in the general ledger, but must be under accounting control, possibly through the use of a memorandum ledger. To comply with 2 CFR 200.305(b)(7)(i) and 30 ILCS 708/97, Grantee must use reasonable efforts to ensure that funding streams are delineated within Grantee's accounting system. 2 CFR 200.302.

(b) **Source Documentation**. Accounting records must be supported by such source documentation as canceled checks, bank statements, invoices, paid bills, donor letters, time and attendance records, activity reports, travel reports, contractual and consultant agreements, and subaward documentation. All supporting documentation must be clearly identified with the Award and general ledger accounts which are to be charged or credited.

(i) The documentation standards for salary charges to Grants are prescribed by 2 CFR 200.430, and in the cost principles applicable to the Grantee's organization.

(ii) If records do not meet the standards in 2 CFR 200.430, then Grantor may notify Grantee in **PART TWO**, **PART THREE** or **Exhibit E** of the requirement to submit personnel activity reports. 2 CFR 200.430(i)(8). Personnel activity reports must account on an after-the-fact basis for one hundred percent (100%) of the employee's actual time, separately indicating the time spent on the Award, other grants or projects, vacation or sick leave, and administrative time, if applicable. The reports must be signed by the employee, approved by the appropriate official, and coincide with a pay period. These time records must be used to record the distribution of salary costs to the appropriate accounts no less frequently than quarterly.

(iii) Formal agreements with independent contractors, such as consultants, must include a description of the services to be performed, the period of performance, the fee and method of payment, an itemization of travel and other costs which are chargeable to the agreement, and the signatures of both the contractor and an appropriate official of Grantee.

(iv) If third party in-kind (non-cash) contributions are used for Award purposes, the valuation of these contributions must be supported with adequate documentation.

(c) **Internal Control**. Grantee must maintain effective control and accountability for all cash, real and personal property, and other assets. Grantee must adequately safeguard all such property and must provide assurance that it is used solely for authorized purposes. Grantee must also have systems in place that provide reasonable assurance that the information is accurate, allowable, and compliant with the terms and conditions of this Agreement. 2 CFR 200.303.

(d) **Budget Control**. Grantee must maintain records of expenditures for each Award by the cost

categories of the approved Budget (including Indirect Costs that are charged to the Award), and actual expenditures are to be compared with budgeted amounts at least quarterly.

(e) **Cash Management**. Requests for advance payment must be limited to Grantee's immediate cash needs. Grantee must have written procedures to minimize the time elapsing between the receipt and the disbursement of Grant Funds to avoid having excess funds on hand. 2 CFR 200.305.

7.6 Profits. It is not permitted for any person or entity to earn a Profit from an Award. *See, e.g.*, 2 CFR 200.400(g); *see also* 30 ILCS 708/60(a)(7).

7.7. Management of Program Income. Grantee is encouraged to earn income to defray Program Costs where appropriate, subject to 2 CFR 200.307.

ARTICLE VIII
LOBBYING

8.1. Improper Influence. Grantee certifies that it will not use and has not used Grant Funds to influence or attempt to influence an officer or employee of any government agency or a member or employee of the State or federal legislature in connection with the awarding of any agreement, the making of any grant, the making of any loan, the entering into of any cooperative agreement, or the extension, continuation, renewal, amendment or modification of any agreement, grant, loan or cooperative agreement. Additionally, Grantee certifies that it has filed the required certification under the Byrd Anti-Lobbying Amendment (31 USC 1352), if applicable.

8.2. Federal Form LLL. If any federal funds, other than federally-appropriated funds, were paid or will be paid to any person for influencing or attempting to influence any of the above persons in connection with this Agreement, the undersigned must also complete and submit Federal Form LLL, Disclosure of Lobbying Activities Form, in accordance with its instructions.

8.3. Lobbying Costs. Grantee certifies that it is in compliance with the restrictions on lobbying set forth in 2 CFR 200.450. For any Indirect Costs associated with this Agreement, total lobbying costs must be separately identified in the Program Budget, and thereafter treated as other Unallowable Costs.

8.4. Procurement Lobbying. Grantee warrants and certifies that it and, to the best of its knowledge, its subrecipients have complied and will comply with Illinois Executive Order No. 1 (2007) (EO 1-2007). EO 1-2007 generally prohibits grantees and subcontractors from hiring the then-serving Governor's family members to lobby procurement activities of the State, or any other unit of government in Illinois including local governments, if that procurement may result in a contract valued at over $25,000. This prohibition also applies to hiring for that same purpose any former State employee who had procurement authority at any time during the one-year period preceding the procurement lobbying activity.

8.5. Subawards. Grantee must include the language of this ARTICLE in the award documents for any subawards made pursuant to this Award at all tiers. All subrecipients are also subject to certification and disclosure. Pursuant to Appendix II(I) to 2 CFR Part 200, Grantee must forward all disclosures by contractors regarding this certification to Grantor.

8.6. Certification. This certification is a material representation of fact upon which reliance was placed to enter into this transaction and is a prerequisite for this transaction, pursuant to 31 USC 1352. Any person who fails to file the required certifications will be subject to a civil penalty of not less than $10,000, and not more than $100,000, for each such failure.

ARTICLE IX

MAINTENANCE AND ACCESSIBILITY OF RECORDS; MONITORING

9.1. Records Retention. Grantee must maintain for three (3) years from the date of submission of the final expenditure report, adequate books, all financial records and, supporting documents, statistical records, and all other records pertinent to this Award, adequate to comply with 2 CFR 200.334, unless a different retention period is specified in 2 CFR 200.334, 44 Ill. Admin. Code 7000.430(a) and (b) or **PART TWO** or **PART THREE**. If any litigation, claim or audit is started before the expiration of the retention period, the records must be retained until all litigation, claims or audit exceptions involving the records have been resolved and final action taken.

9.2. Accessibility of Records. Grantee, in compliance with 2 CFR 200.337 and 44 Ill. Admin. Code 7000.430(f), must make books, records, related papers, supporting documentation and personnel relevant to this Agreement available to authorized Grantor representatives, the Illinois Auditor General, Illinois Attorney General, any Executive Inspector General, Grantor's Inspector General, federal authorities, any person identified in 2 CFR 200.337, and any other person as may be authorized by Grantor (including auditors), by the State of Illinois or by federal statute. Grantee must cooperate fully in any such audit or inquiry.

9.3. Failure to Maintain Books and Records. Failure to maintain adequate books, records and supporting documentation, as described in this ARTICLE, will result in the disallowance of costs for which there is insufficient supporting documentation and also establishes a presumption in favor of the State for the recovery of any Grant Funds paid by the State under this Agreement for which adequate books, records and supporting documentation are not available to support disbursement.

9.4. Monitoring and Access to Information. Grantee must monitor its activities to assure compliance with applicable state and federal requirements and to assure its performance expectations are being achieved. Grantor will monitor the activities of Grantee to assure compliance with all requirements including appropriate programmatic rules, regulations, and guidelines that the Grantor promulgates or implements, and performance expectations of the Award. Grantee must timely submit all financial and performance reports, and must supply, upon Grantor's request, documents and information relevant to the Award. Grantor may make site visits as warranted by Program needs. 2 CFR 200.329; 200.332. Additional monitoring requirements may be in **PART TWO** or **PART THREE**.

ARTICLE X
FINANCIAL REPORTING REQUIREMENTS

10.1. Required Periodic Financial Reports. Grantee must submit financial reports as requested and in the format required by Grantor no later than the dues date(s) specified in **PART TWO** or **PART THREE**. Grantee must submit quarterly reports with Grantor describing the expenditure(s) of the funds related thereto, unless more frequent reporting is required by the Grantee due to the funding source or pursuant to specific award conditions. 2 CFR 200.208. Any report required by 30 ILCS 708/125 may be detailed in **PART TWO** or **PART THREE**.

10.2. Financial Close-out Report.

(a) Grantee must submit a financial Close-out Report, in the format required by Grantor, by the due date specified in **PART TWO** or **PART THREE**, which must be no later than sixty (60) calendar days following the end of the Period of Performance for this Agreement or Agreement termination. The format of this financial Close-out Report must follow a format prescribed by Grantor. 2 CFR 200.344; 44 Ill. Admin. Code 7000.440(b).

(b) If an audit or review of Grantee occurs and results in adjustments after Grantee submits a Close-out Report, Grantee must submit a new financial Close-out Report based on audit adjustments, and immediately submit a refund to Grantor, if applicable. 2 CFR 200.345; 44 Ill. Admin. Code 7000.450.

10.3. Effect of Failure to Comply. Failure to comply with the reporting requirements in this Agreement may cause a delay or suspension of funding or require the return of improper payments or Unallowable Costs, and will be considered a material breach of this Agreement. Grantee's failure to comply with ARTICLE X, ARTICLE XI, or ARTICLE XVII will be

considered prima facie evidence of a breach and may be admitted as such, without further proof, into evidence in an administrative proceeding before Grantor, or in any other legal proceeding. Grantee should refer to the State Grantee Compliance Enforcement System for policy and consequences for failure to comply. 44 Ill. Admin. Code 7000.80.1.1.

ARTICLE XI
PERFORMANCE REPORTING REQUIREMENTS

11.1. Required Periodic Performance Reports. Grantee must submit performance reports as requested and in the format required by Grantor no later than the due date(s) specified in **PART TWO** or **PART THREE**. 44 Ill. Admin. Code 7000.410. Grantee must report to Grantor on the performance measures listed in **Exhibit D**, **PART TWO** or **PART THREE** at the intervals specified by Grantor, which must be no less frequent than annually and no more frequent than quarterly, unless otherwise specified in **PART TWO**, **PART THREE**, or **Exhibit E** pursuant to specific award conditions. For certain construction-related Awards, such reports may be exempted as identified in **PART TWO** or **PART THREE**. 2 CFR 200.329.

11.2. Performance Close-out Report. Grantee must submit a performance Close-out Report, in the format required by Grantor by the due date specified in **PART TWO** or **PART THREE,** which must be no later than 60 calendar days following the end of the Period of Performance or Agreement termination. 2 CFR 200.344; 44 Ill. Admin. Code 7000.440(b).

11.3. Content of Performance Reports. Pursuant to 2 CFR 200.329(b) and (c), all performance reports must relate the financial data and accomplishments to the performance goals and objectives of this Award and also include the following: a comparison of actual accomplishments to the objectives of the Award established for the period; where the accomplishments can be quantified, a computation of the cost and demonstration of cost effective practices (e.g., through unit cost data); performance trend data and analysis if required; and reasons why established goals were not met, if appropriate. Additional content and format guidelines for the performance reports will be determined by Grantor contingent on the Award's statutory, regulatory and administrative requirements, and are included in **PART TWO** or **PART THREE** of this Agreement.

ARTICLE XII
AUDIT REQUIREMENTS

12.1. Audits. Grantee is subject to the audit requirements contained in the Single Audit Act Amendments of 1996 (31 USC 7501-7507), Subpart F of 2 CFR Part 200, and the audit rules and policies set forth by the Governor's Office of Management and Budget. 30 ILCS 708/65(c); 44 Ill. Admin. Code 7000.90.

12.2. Consolidated Year-End Financial Reports (CYEFR). All grantees must complete and submit a CYEFR through the Grantee Portal, except those exempted by federal or State statute or regulation, as set forth in **PART TWO** or **PART THREE**. The CYEFR is a required schedule in Grantee's audit report if Grantee is required to complete and submit an audit report as set forth herein.

(a) Grantee's CYEFR must cover the same period as the audited financial statements, if required, and must be submitted in accordance with the audit schedule at 44 Ill. Admin. Code 7000.90. If Grantee is not required to complete audited financial statements, the CYEFR must cover Grantee's fiscal year and must be submitted within 6 months of the Grantee's fiscal year-end.

(b) The CYEFR must include an in relation to opinion from the auditor of the financial statements included in the audit.

(c) The CYEFR must follow a format prescribed by Grantor.

12.3. Entities That Are Not “For-Profit”.

(a) This Paragraph applies to Grantees that are not "for-profit" entities.

(b) Single and Program-Specific Audits. If, during its fiscal year, Grantee expends at least the threshold amount as set out in 2 CFR 200.501(a) in federal Awards (direct federal and federal pass-through awards combined), Grantee must have a single audit or program-specific audit conducted for that year as required by 2 CFR 200.501 and other applicable sections of Subpart F of 2 CFR Part 200. The audit report packet must be completed as described in 2 CFR 200.512 (single audit) or 2 CFR 200.507 (program-specific audit), 44 Ill. Admin. Code 7000.90(h)(1) and the current GATA audit manual and submitted to the Federal Audit Clearinghouse, as required by 2 CFR 200.512. The results of peer and external quality control reviews, management letters issued by the auditors and their respective corrective action plans if significant deficiencies or material weaknesses are identified, and the CYEFR(s) must be submitted to the Grantee Portal at the same time the audit report packet is submitted to the Federal Audit Clearinghouse. The due date of all required submissions set forth in this Paragraph is the earlier of (i) thirty (30) calendar days after receipt of the auditor's report(s) or (ii) nine (9) months after the end of Grantee's audit period.

(c) Financial Statement Audit. If, during its fiscal year, Grantee expends less than the threshold amount as set out in 2 CFR 200.501(a) in federal Awards, Grantee is subject to the following audit requirements:

(i) If, during its fiscal year, Grantee expends at least the threshold amount as set out in 44 Ill. Admin. Code 7000.90(c)(1) in State-issued Awards, Grantee must have a financial statement audit conducted in accordance with the Generally Accepted Government Auditing Standards (GAGAS). Grantee may be subject to additional requirements in **PART TWO, PART THREE** or **Exhibit E** based on Grantee's risk profile.

(ii) If, during its fiscal year, Grantee expends less than the threshold amount as set out in 44 Ill. Admin. Code 7000.90(c)(1) in State-issued Awards, but expends at least the threshold amount as set out in 44 Ill. Admin. Code 7000.90(c)(2) or more in State-issued Awards, Grantee must have a financial statement audit conducted in accordance with the Generally Accepted Auditing Standards (GAAS).

(iii) If Grantee is a Local Education Agency (as defined in 34 CFR 77.1), Grantee must have a financial statement audit conducted in accordance with GAGAS, as required by 23 Ill. Admin. Code 100.110, regardless of the dollar amount of expenditures of State-issued Awards.

(iv) If Grantee does not meet the requirements in subsections 12.3(b) and 12.3(c)(i-iii) but is required to have a financial statement audit conducted based on other regulatory requirements, Grantee must submit those audits for review.

(v) Grantee must submit its financial statement audit report packet, as set forth in 44 Ill. Admin. Code 7000.90(h)(2) and the current GATA audit manual, to the Grantee Portal within the earlier of (i) thirty (30) calendar days after receipt of the auditor's report(s) or (ii) six (6) months after the end of Grantee's audit period.(i)

12.4. "For-Profit" Entities.

(a) This Paragraph applies to Grantees that are "for-profit" entities.

(b) Program-Specific Audit. If, during its fiscal year, Grantee expends at least the threshold amount as set out in 2 CFR 200.501(a) or more in federal pass-through funds from State-issued Awards, Grantee must have a program-specific audit conducted in accordance with 2 CFR 200.507. The auditor must audit federal pass-through programs with federal pass-through Awards expended that, in the aggregate, cover at least 50 percent (0.50) of total federal pass-through Awards expended. The audit report packet must be completed as described in 2 CFR 200.507 (program-specific audit), 44 Ill. Admin. Code 7000.90 and the current GATA audit manual, and must be submitted to the Grantee Portal. The due date of all required submissions set forth in this Paragraph is the earlier of (i) thirty (30) calendar days after receipt of the auditor's report(s) or (ii) nine (9) months after the end of Grantee's audit period.

(c) Financial Statement Audit. If, during its fiscal year, Grantee expends less than at least the threshold amount as set out in 2 CFR 200.501(a) in federal pass-through funds from State-issued Awards, Grantee must

follow all of the audit requirements in Paragraphs 12.3(c)(i)-(v), above.

(d) Publicly-Traded Entities. If Grantee is a publicly-traded company, Grantee is not subject to the single audit or program-specific audit requirements, but must submit its annual audit conducted in accordance with its regulatory requirements.

12.5. Performance of Audits. For those organizations required to submit an independent audit report, the audit must be conducted by the Illinois Auditor General (as required for certain governmental entities only), or a Certified Public Accountant or Certified Public Accounting Firm licensed in the State of Illinois or in accordance with Section 5.2 of the Illinois Public Accounting Act (225 ILCS 450/5.2). For all audits required to be performed subject to GAGAS or Generally Accepted Auditing Standards, Grantee must request and maintain on file a copy of the auditor's most recent peer review report and acceptance letter. Grantee must follow procedures prescribed by Grantor for the preparation and submission of audit reports and any related documents.

12.6. Delinquent Reports. When audit reports or financial statements required under this ARTICLE are prepared by the Illinois Auditor General, if they are not available by the above-specified due date, they must be provided to Grantor within thirty (30) days of becoming available. Grantee should refer to the State Grantee Compliance Enforcement System for the policy and consequences for late reporting. 44 Ill. Admin. Code 7000.80.

ARTICLE XIII
TERMINATION; SUSPENSION; NON-COMPLIANCE

13.1. Termination.

(a) Either Party may terminate this Agreement, in whole or in part, upon thirty (30) calendar days' prior written notice to the other Party.

(b) If terminated by the Grantee, Grantee must include the reasons for such termination, the effective date, and, in the case of a partial termination, the portion to be terminated. If Grantor determines in the case of a partial termination that the reduced or modified portion of the Award will not accomplish the purposes for which the Award was made, Grantor may terminate the Agreement in its entirety. 2 CFR 200.340(a)(4).

(c) This Agreement may be terminated, in whole or in part, by Grantor:

(i) Pursuant to a funding failure under Paragraph 4.1;

(ii) If Grantee fails to comply with the terms and conditions of this or any Award, application or proposal, including any applicable rules or regulations, or has made a false representation in connection with the receipt of this or any Award; or

(iii) If the Award no longer effectuates the Program goals or agency priorities as set forth in **Exhibit A**, **PART TWO** or **PART THREE**.

13.2. Suspension. Grantor may suspend this Agreement, in whole or in part, pursuant to a funding failure under Paragraph 4.1 or if the Grantee fails to comply with terms and conditions of this or any Award. If suspension is due to Grantee's failure to comply, Grantor may withhold further payment and prohibit Grantee from incurring additional Obligations pending corrective action by Grantee or a decision to terminate this Agreement by Grantor. Grantor may allow necessary and proper costs that Grantee could not reasonably avoid during the period of suspension.

13.3. Non-compliance. If Grantee fails to comply with the U.S. Constitution, applicable statutes, regulations or the terms and conditions of this or any Award, Grantor may impose additional conditions on Grantee, as described in 2 CFR 200.208. If Grantor determines that non-compliance cannot be remedied by imposing additional conditions, Grantor may take one or more of the actions described in 2 CFR 200.339. The Parties must follow all Grantor policies and procedures

regarding non-compliance, including, but not limited to, the procedures set forth in the State Grantee Compliance Enforcement System. 44 Ill. Admin. Code 7000.80 and 7000.260.

13.4. Objection. If Grantor suspends or terminates this Agreement, in whole or in part, for cause, or takes any other action in response to Grantee's non-compliance, Grantee may avail itself of any opportunities to object and challenge such suspension, termination or other action by Grantor in accordance with any applicable processes and procedures, including, but not limited to, the procedures set forth in the State Grantee Compliance Enforcement System. 2 CFR 200.342; 44 Ill. Admin. Code 7000.80 and 7000.260.

13.5. Effects of Suspension and Termination.

(a) Grantor may credit Grantee for allowable expenditures incurred in the performance of authorized services under this Agreement prior to the effective date of a suspension or termination.

(b) Except as set forth in subparagraph (c), below, Grantee must not incur any costs or Obligations that require the use of Grant Funds after the effective date of a suspension or termination, and must cancel as many outstanding Obligations as possible.

(c) Costs to Grantee resulting from Obligations incurred by Grantee during a suspension or after termination of the Agreement are not allowable unless Grantor expressly authorizes them in the notice of suspension or termination or subsequently. However, Grantor may allow costs during a suspension or after termination if:

(i) The costs result from Obligations properly incurred before the effective date of suspension or termination, are not in anticipation of the suspension or termination, and the costs would be allowable if the Agreement was not suspended or terminated prematurely. 2 CFR 200.343.

13.6. Close-out of Terminated Agreements. If this Agreement is terminated, in whole or in part, the Parties must comply with all close-out and post-termination requirements of this Agreement. 2 CFR 200.340(d).

ARTICLE XIV
SUBCONTRACTS/SUBAWARDS

14.1. Subcontracting/Subrecipients/Delegation. Grantee must not subcontract nor issue a subaward for any portion of this Agreement nor delegate any duties hereunder without Prior Approval of Grantor. The requirement for Prior Approval is satisfied if the subcontractor or subrecipient has been identified in the uniform grant application, such as, without limitation, a Project description, and Grantor has approved. Grantee must notify any potential subrecipient that the subrecipient must obtain and provide to the Grantee a Unique Entity Identifier prior to receiving a subaward. 2 CFR 25.300.

14.2. Application of Terms. If Grantee enters into a subaward agreement with a subrecipient, Grantee must notify the subrecipient of the applicable laws and regulations and terms and conditions of this Award by attaching this Agreement to the subaward agreement. The terms of this Agreement apply to all subawards authorized in accordance with Paragraph 14.1. 2 CFR 200.101(b)(2).

14.3. Liability as Guaranty. Grantee will be liable as guarantor for any Grant Funds it obligates to a subrecipient or subcontractor pursuant to this ARTICLE in the event Grantor determines the funds were either misspent or are being improperly held and the subrecipient or subcontractor is insolvent or otherwise fails to return the funds. 2 CFR 200.345; 30 ILCS 705/6; 44 Ill. Admin. Code 7000.450(a).

ARTICLE XV

NOTICE OF CHANGE

15.1. Notice of Change. Grantee must notify Grantor if there is a change in Grantee's legal status, FEIN, UEI, SAM registration status, Related Parties, senior management (for non-governmental grantees only) or address. If the change is anticipated, Grantee must give thirty (30) days' prior written notice to Grantor. If the change is unanticipated, Grantee must give notice as soon as practicable thereafter. Grantor reserves the right to take any and all appropriate action as a result of such change(s).

15.2. Failure to Provide Notification. To the extent permitted by Illinois law (*see* Paragraph 21.2), Grantee must hold harmless Grantor for any acts or omissions of Grantor resulting from Grantee's failure to notify Grantor as required by Paragraph 15.1.

15.3. Notice of Impact. Grantee must notify Grantor in writing of any event, including, by not limited to, becoming a party to litigation, an investigation, or transaction that may have a material impact on Grantee's ability to perform under this Agreement. Grantee must provide notice to Grantor as soon as possible, but no later than five (5) days after Grantee becomes aware that the event may have a material impact.

15.4. Effect of Failure to Provide Notice. Failure to provide the notice described in this ARTICLE is grounds for termination of this Agreement and any costs incurred after the date notice should have been given may be disallowed.

ARTICLE XVI
STRUCTURAL REORGANIZATION AND RECONSTITUTION OF BOARD MEMBERSHIP

16.1. Effect of Reorganization. This Agreement is made by and between Grantor and Grantee, as Grantee is currently organized and constituted. Grantor does not agree to continue this Agreement, or any license related thereto, should Grantee significantly reorganize or otherwise substantially change the character of its corporate structure, business structure or governance structure. Grantee must give Grantor prior notice of any such action or changes significantly affecting its overall structure or, for non-governmental grantees only, management makeup (for example, a merger or a corporate restructuring), and must provide all reasonable documentation necessary for Grantor to review the proposed transaction including financial records and corporate and shareholder minutes of any corporation which may be involved. Grantor reserves the right to terminate the Agreement based on whether the newly organized entity is able to carry out the requirements of the Award. This ARTICLE does not require Grantee to report on minor changes in the makeup of its board membership or governance structure, as applicable. Nevertheless, **PART TWO** or **PART THREE** may impose further restrictions. Failure to comply with this ARTICLE constitutes a material breach of this Agreement.

ARTICLE XVII
CONFLICT OF INTEREST

17.1. Required Disclosures. Grantee must immediately disclose in writing any potential or actual Conflict of Interest to Grantor. 2 CFR 200.113; 30 ILCS 708/35. 1.1.

17.2. Prohibited Payments. Payments made by Grantor under this Agreement must not be used by Grantee to compensate, directly or indirectly, any person currently holding an elective office in this State including, but not limited to, a seat in the General Assembly. In addition, where Grantee is not an instrumentality of the State of Illinois, as described in this Paragraph, Grantee must request permission from Grantor to compensate, directly or indirectly, any person employed by an office or agency of the State of Illinois. An instrumentality of the State of Illinois includes, without limitation, State departments, agencies, boards, and State universities. An instrumentality of the State of Illinois does not include, without limitation, units of Local Government and related entities.

17.3. Request for Exemption. Grantee may request written approval from Grantor for an exemption from Paragraph 17.2. Grantee acknowledges that Grantor is under no obligation to provide such exemption and that Grantor may grant an such exemption subject to additional terms and conditions as Grantor may require.

ARTICLE XVIII
EQUIPMENT OR PROPERTY

18.1. Purchase of Equipment. For any equipment purchased in whole or in part with Grant Funds, if Grantor determines that Grantee has not met the conditions of 2 CFR 200.439, the costs for such equipment will be disallowed. Grantor must notify Grantee in writing that the purchase of equipment is disallowed.

18.2. Prohibition against Disposition/Encumbrance. Any equipment, material, or real property that Grantee purchases or improves with Grant Funds must not be sold, transferred, encumbered (other than original financing) or otherwise disposed of during the Award Term without Prior Approval of Grantor unless a longer period is required in **PART TWO** or **PART THREE** and permitted by 2 CFR Part 200 Subpart D. Use or disposition of real property acquired or improved using Grant Funds must comply with the requirements of 2 CFR 200.311. Real property, equipment, and intangible property that are acquired or improved in whole or in part using Grant Funds are subject to the provisions of 2 CFR 200.316. Grantor may require the Grantee to record liens or other appropriate notices of record to indicate that personal or real property has been acquired or improved with this Award and that use and disposition conditions apply to the property.

18.3. Equipment and Procurement. Grantee must comply with the uniform standards set forth in 2 CFR 200.310 -200.316 governing the management and disposition of property, the cost of which was supported by Grant Funds. Any waiver from such compliance must be granted by either the President's Office of Management and Budget, the Governor's Office of Management and Budget, or both, depending on the source of the Grant Funds used. Additionally, Grantee must comply with the standards set forth in 2 CFR 200.317-200.326 to establish procedures to use Grant Funds for the procurement of supplies and other expendable property, equipment, real property and other services.

18.4. Equipment Instructions. Grantee must obtain disposition instructions from Grantor when equipment, purchased in whole or in part with Grant Funds, is no longer needed for their original purpose. Notwithstanding anything to the contrary contained in this Agreement, Grantor may require transfer of any equipment to Grantor or a third party for any reason, including, without limitation, if Grantor terminates the Award or Grantee no longer conducts Award activities. Grantee must properly maintain, track, use, store and insure the equipment according to applicable best practices, manufacturer's guidelines, federal and state laws or rules, and Grantor requirements stated herein.

18.5. Domestic Preferences for Procurements. In accordance with 2 CFR 200.322, as appropriate and to the extent consistent with law, Grantee must, to the greatest extent practicable under this Award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The requirements of this Paragraph must be included in all subawards and in all contracts and purchase orders for work or products under this Award. .

ARTICLE XIX
PROMOTIONAL MATERIALS; PRIOR NOTIFICATION

19.1. Promotional and Written Materials. Use of Grant Funds for promotions is subject to the prohibitions for advertising or public relations costs in 2 CFR 200.421(e). In the event that Grant Funds are used in whole or in part to produce any written publications, announcements, reports, flyers, brochures or other written materials, Grantee must obtain Prior Approval for the use of those funds (2 CFR 200.467) and must include in these publications, announcements, reports, flyers, brochures and all other such material, the phrase “Funding provided in whole or in part by the [Grantor].” 2 CFR 200.467. Exceptions to this requirement must be requested, in writing, from Grantor and will be considered authorized only upon written notice thereof to Grantee.

19.2. Prior Notification/Release of Information. Grantee must notify Grantor ten (10) days prior to issuing public announcements or press releases concerning work performed pursuant to this Agreement, or funded in whole or in part by this Agreement, and must cooperate with Grantor in joint or coordinated releases of information.

ARTICLE XX
INSURANCE

20.1. Maintenance of Insurance. Grantee must maintain in full force and effect during the Term of this Agreement casualty and bodily injury insurance, as well as insurance sufficient to cover the replacement cost of any and all real or personal property, or both, purchased or, otherwise acquired, or improved in whole or in part, with funds disbursed pursuant to this Agreement. 2 CFR 200.310. Additional insurance requirements may be detailed in **PART TWO** or **PART THREE**.

20.2. Claims. If a claim is submitted for real or personal property, or both, purchased in whole with funds from this Agreement and such claim results in the recovery of money, such money recovered must be surrendered to Grantor.

ARTICLE XXI
LAWSUITS AND INDEMNIFICATION

21.1. Independent Contractor. Neither Grantee nor any employee or agent of Grantee acquires any employment rights with Grantor by virtue of this Agreement. Grantee must provide the agreed services and achieve the specified results free from the direction or control of Grantor as to the means and methods of performance. Grantee must provide its own equipment and supplies necessary to conduct its business; provided, however, that in the event, for its convenience or otherwise, Grantor makes any such equipment or supplies available to Grantee, Grantee's use of such equipment or supplies provided by Grantor pursuant to this Agreement is strictly limited to official Grantor or State of Illinois business and not for any other purpose, including any personal benefit or gain.

21.2. Indemnification and Liability.

(a) **Non-governmental entities**. This subparagraph applies only if Grantee is a non-governmental entity. Grantee must hold harmless Grantor against any and all liability, loss, damage, cost or expenses, including attorneys' fees, arising from the intentional torts, negligence or breach of contract of Grantee, with the exception of acts performed in conformance with an explicit, written directive of Grantor. Indemnification by Grantor is governed by the State Employee Indemnification Act (5 ILCS 350/.01 *et seq.*) as interpreted by the Illinois Attorney General. Grantor makes no representation that Grantee, an independent contractor, will qualify or be eligible for indemnification under said Act.

(b) **Governmental entities**. This subparagraph applies only if Grantee is a governmental unit as designated in Paragraph 3.2. Neither Party shall be liable for actions chargeable to the other Party under this Agreement including, but not limited to, the negligent acts and omissions of the other Party's agents, employees or subcontractors in the performance of their duties as described under this Agreement, unless such liability is imposed by law. This Agreement is not construed as seeking to enlarge or diminish any obligation or duty owed by one Party against the other or against a third party.

ARTICLE XXII
MISCELLANEOUS

22.1. Gift Ban. Grantee is prohibited from giving gifts to State employees pursuant to the State Officials and Employees Ethics Act (5 ILCS 430/10-10) and Illinois Executive Order 15-09.

22.2. Assignment Prohibited. This Agreement must not be sold, assigned, or transferred in any manner by Grantee, to include an assignment of Grantee's rights to receive payment hereunder, and any actual or attempted sale, assignment, or transfer by Grantee without the Prior Approval of Grantor in writing renders this Agreement null, void and of no further effect.

22.3. Copies of Agreements upon Request. Grantee must, upon request by Grantor, provide Grantor with copies of contracts or other agreements to which Grantee is a party with any other State agency.

22.4. Amendments. This Agreement may be modified or amended at any time during its Term by mutual consent of the Parties, expressed in writing and signed by the Parties.

22.5. Severability. If any provision of this Agreement is declared invalid, its other provisions will remain in effect.

22.6. No Waiver. The failure of either Party to assert any right or remedy pursuant to this Agreement will not be construed as a waiver of either Party's right to assert such right or remedy at a later time or constitute a course of business upon which either Party may rely for the purpose of denial of such a right or remedy.

22.7. Applicable Law; Claims. This Agreement and all subsequent amendments thereto, if any, are governed and construed in accordance with the laws of the State of Illinois. Any claim against Grantor arising out of this Agreement must be filed exclusively with the Illinois Court of Claims. 705 ILCS 505/1 *et seq.* Grantor does not waive sovereign immunity by entering into this Agreement.

22.8. Compliance with Law. Grantee is responsible for ensuring that Grantee's Obligations and services hereunder are performed in compliance with all applicable federal and State laws, including, without limitation, federal regulations, State administrative rules, including but not limited to 44 Ill. Admin. Code Part 7000, laws and rules which govern disclosure of confidential records or other information obtained by Grantee concerning persons served under this Agreement, and any license requirements or professional certification provisions.

22.9. Compliance with Freedom of Information Act. Upon request, Grantee must make available to Grantor all documents in its possession that Grantor deems necessary to comply with requests made under the Freedom of Information Act. 5 ILCS 140/7(2).

22.10. Precedence.

(a) Except as set forth in subparagraph (b), below, the following rules of precedence are controlling for this Agreement: In the event there is a conflict between this Agreement and any of the exhibits or attachments hereto, this Agreement controls. In the event there is a conflict between **PART ONE** and **PART TWO** or **PART THREE** of this Agreement, **PART ONE** controls. In the event there is a conflict between **PART TWO** and **PART THREE** of this Agreement, **PART TWO** controls. In the event there is a conflict between this Agreement and relevant statute(s) or rule(s), the relevant statute(s) or rule(s) controls.

(b) Notwithstanding the provisions in subparagraph (a), above, if a relevant federal or state statute(s) or rule(s) requires an exception to this Agreement's provisions, or an exception to a requirement in this Agreement is granted by GATU, such exceptions must be noted in **PART TWO** or **PART THREE**, and in such cases, those requirements control.

22.11. Illinois Grant Funds Recovery Act. In the event of a conflict between the Illinois Grant Funds Recovery Act and the Grant Accountability and Transparency Act, the provisions of the Grant Accountability and Transparency Act control. 30 ILCS 708/80.

22.12. Headings. Articles and other headings contained in this Agreement are for reference purposes only and are not intended to define or limit the scope, extent or intent of this Agreement or any provision hereof.

22.13. Counterparts. This Agreement may be executed in one or more counterparts, each of which are considered to be one and the same agreement, binding on all Parties hereto, notwithstanding that all Parties are not signatories to the same counterpart. Duplicated signatures, signatures transmitted via facsimile, or signatures contained in a Portable Document Format (PDF) document are deemed original for all purposes.

22.14. Attorney Fees and Costs. Unless prohibited by law, if Grantor prevails in any proceeding to enforce the

terms of this Agreement, including any administrative hearing pursuant to the Grant Funds Recovery Act or the Grant Accountability and Transparency Act, Grantor has the right to recover reasonable attorneys' fees, costs and expenses associated with such proceedings.

22.15. Continuing Responsibilities. The termination or expiration of this Agreement does not affect: (a) the right of Grantor to disallow costs and recover funds based on a later audit or other review; (b) the obligation of the Grantee to return any funds due as a result of later refunds, corrections or other transactions, including, without limitation, final Indirect Cost Rate adjustments and those funds obligated pursuant to ARTICLE XIV; (c) the CYEFR(s); (d) audit requirements established in 44 Ill. Admin. Code 7000.90 and ARTICLE XII ; (e) property management and disposition requirements established in 2 CFR 200.310 through 2 CFR 200.316 and ARTICLE XVIII; or (f) records related requirements pursuant to ARTICLE IX. 44 Ill. Admin. Code 7000.440.

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EXHIBIT A

PROJECT DESCRIPTION

The Public Water Supply Energy Efficiency Grant Program, administered by the Illinois EPA Office of Energy and funded by the U.S. Department of Energy (U.S. DOE) Infrastructure Investment and Jobs Act (IIJA) State Energy Program (SEP), funds the implementation of energy efficiency projects at Illinois publicly-owned public water supply (PWS) facilities, also referred to as drinking water treatment plants. Eligible energy efficiency measures must have been identified in an earlier energy efficiency assessment completed at the facility by a third-party assessor within the previous five (5) years.

The Grantee's 30 MGD drinking water treatment facility uses Lake Michigan as its main water source and serves the City of Highland Park as well as municipalities of Deerfield, Lincolnshire, Bannockburn, as well as Glenbrook Sanitary District and Fort Sheridan. The Grantee is awarded funds to 1) optimize the facilities high-lift pump which will include the addition of a variable frequency drive (VFD); 2) replace remaining T8 and HID light fixtures and manual switches to Type B LED lights; 3) add in occupancy sensors for approximately 33 infrequently occupied spaces; and 4) add in control monitors and a hazardous gas detection system for ventilation fans.

The Grantee is estimated to decrease energy use at the Water Treatment Plant by approximately 405,000 kWh/year and save an estimated $48,800.00 annually by completing the facility upgrades funded by this Agreement.

EXHIBIT B

DELIVERABLES OR MILESTONES

Deliverables
Items completed prior to the execution of this Agreement do not count toward meeting the project deliverables.

1. Email EPA.EnergyGrants@Illinois.gov to notify the Office of Energy of project initiation and completion.
2. Complete installation and/or upgrade of all energy efficiency measures as outlined in the Project Description (Exhibit A).

3. Submit a Final Narrative Project Report that includes the following:
   a. Grant agreement number
   b. Project period
   c. Project title
   d. Project milestones
   e. Project budget (including cost-share)
   f. Description and pictures of pre/post conditions
   g. Estimated annual energy savings and energy cost reduction
   h. Discussion of project challenges and successes

Milestones
Date for Beginning Project Work - February 2025
Project completion date - January 2026
Final Narrative Project Report Due - February 2026
Final monthly reimbursement request - March 2026

In the event the Grantee cannot complete any of the Milestones within the timeframe identified, or anticipates non-performance due to circumstances outside of the Grantee's control, the Grantee must notify the Grantor as soon as practicable.

EXHIBIT C

CONTACT INFORMATION

CONTACTS FOR NOTIFICATION AND GRANT ADMINISTRATION:

Unless specified elsewhere, all notices required or desired to be sent by either Party must be sent to the persons listed below. Grantee must notify Grantor of any changes in its contact information listed below within five (5) business days from the effective date of the change, and Grantor must notify Grantee of any changes to its contact information as soon as practicable. The Party making a change must send any changes in writing to the contact for the other Party. No amendment to this Agreement is required if information in this Exhibit is changed.

FOR OFFICIAL GRANT NOTIFICATIONS

GRANTOR CONTACT

Name: **John DeRosa**

Title: Manager, Office of Energy

Address: Illinois Environmental Protection Agency
1021 North Grand Avenue
Springfield, IL 62794-9276

Additional Information
John.R.DeRosa@illinois.gov

GRANTEE CONTACT

Name: **Thomas Schroeder**

Title:

Address: City of Highland Park
1707 St. Johns Avenue
Highland Park, IL 60035

GRANTEE PAYMENT ADDRESS
(if different than the address above)

Address:

FOR GRANT ADMINISTRATION

GRANTOR CONTACT

Name: **Adena Rivas**

Title: Energy Projects Coordinator

Address: 1021 N. Grand Avenue, Springfield, IL

Phone: 217-785-7332

TTY#:

Email Address: Adena.Rivas@illinois.gov

GRANTEE CONTACT

Name: **Thomas Schroeder**

Title:

Address: 1707 St. Johns Ave, Highland Park, IL

Phone: 847-432-2617

TTY#:

Email Address: tschroeder@cityhpil.com

EXHIBIT D

PERFORMANCE MEASURES AND STANDARDS

Performance Measures

Building Retrofits by Sector- Public Water Supply
Number of Buildings Retrofitted 1
Square Footage (ft2) of Buildings Retrofitted 73,000 sq ft

Energy & Water Saved- Public Water Supply
Estimated Project Savings ($) Annually $48,800
Estimated Project Savings (kWh of Electricity) Annually 405,000 kWh/year
Estimated Project Savings (Therms of Natural Gas) Annually 4,500
Estimated Project Savings (Gallons of Water) Annually 0

Performance Standards

All products produced, and all work performed by the Grantee under this Agreement shall be subject to review and approval by the Grantor to determine eligibility and acceptability in meeting the terms and intent of this Agreement. The Grantee will be responsible for the professional quality, technical accuracy, timely completion, and the coordination of all services furnished by the Grantee under this Agreement. The Grantee must, without additional financial assistance, correct or revise any errors or deficiencies in its services, and should generally be available to the Grantor for coordination and progress briefings over the performance period.

The Grantee will be required to secure any necessary permits prior to the implementation of project/s related to funding under this Agreement and is expected to perform such services as necessary to accomplish the objectives of this Agreement, in accordance with all the terms of the Agreement.

EXHIBIT E

SPECIFIC CONDITIONS

Grantor may remove (or reduce) a Specific Condition included in this Exhibit by proving written notice to the Grantee, in accordance with established procedures for removing a Specific Condition.

None Identified

PART TWO -GRANTOR-SPECIFIC TERMS

In addition to the uniform requirements in **PART ONE**, Grantor has the following additional requirements for its Grantee:

ARTICLE XXIII
REPORTING

23.1. Grantee shall file a Quarterly Periodic Financial Report (PFR) and Periodic Performance Report (PPR) for quarters ending March 31, June 30, September 30, and December 31 , with the Grantor describing the expenditure(s) of the funds and performance measures related thereto.

The first Periodic Financial Report (PFR) and Periodic Performance Report shall cover the reporting period after the effective date of the Agreement. a Quarterly reports must be submitted no later than 15 calendar days following the period covered by the report.

For the purpose of reconciliation, the Grantee must submit an annual Periodic Financial Report (PFR) for the period ending 12/31 (Grantee's Fiscal Year End date). This report should include the Grantee's entire Fiscal Year expenditures for this award. Reports must be submitted no later than 15 calendar days following the period covered by the report.

A Periodic Financial Report (PFR) and Periodic Performance Report (PPR) marked as "Final Report" must be submitted to Grantor 30 days after the end date of the Agreement. Failure to submit the required PFR and PPR reports may cause a delay or suspension of funding.

In addition to the aforementioned reporting requirements, Grantee shall submit the following reports:

1. State Reporting Requirements
    a. Quarterly Narrative Performance Report (NPR) due no later than 15 calendar days following the period covered by the report, for quarters ending March 31, June 30, September 30, and December 31.
        i. Updates and highlights associated with meeting the deliverables and/or milestones as outlined in Exhibit B.
        ii. A description of any challenges and plans to overcome those challenges in the event where a milestone and/or deliverable is completed after the due date; deliverable not completed and due date has passed; or where the grantee anticipates the deliverables will not be completed by future due dates.
    b. Final Narrative Project Report (NPR) due not later than 30 days after the end date of the project work has been completed or February 28,2026, whichever is earlier. Requirements for report is outlined in Exhibit B.

2. Federal Reporting Requirements
    a. Davis-Bacon Act (if applicable) Reports
        i. Payroll reports submitted weekly through LCPtracker.
        ii. Assurance report submitted semi-annually through LCPtracker.

b. Bipartisan Infrastructure Law (BIL) Supplemental Annual Data Report

See Federal Terms and Conditions

The Grantee may be required to complete additional reporting for National Environmental Policy Act (NEPA) and/or State and Federal Historic Preservation Act, based on project scope and U.S. DOE and State Historic Preservation Office (SHPO) determinations.

*As a requirement of the Davis-Bacon Act (DBA), award recipients must submit weekly, certified payrolls to the U.S. DOE. This ensures that employers are in compliance with the law by paying applicable workers the required prevailing wage and benefits on a weekly basis. U.S. DOE has contracted with LCPtracker, a third-party software application, to make this tracking and submission as accessible as possible. This software is free to use. More information can be found at the websites provided below:

U.S. DOE Weekly DBA Payroll Tracking with LCPtracker: https://www.energy.gov/infrastructure/weekly-dba-payroll-tracking-lcptracker

LCPtracker Guide for BIL Award Recipients: https://www.energy.gov/sites/default/files/2024-05/BIL%20DBA%20Compliance%20using%20LCPtracker%20-%20External%20Guidance%20Final%20050124.pdf

LCPtracker Login Page: https://prod-cdn.lcptracker.net/login/login

PART THREE -PROJECT-SPECIFIC TERMS

In addition to the uniform requirements in **PART ONE** and Grantor-Specific Terms in **PART TWO**, Grantor has the following additional requirements for this Project:

See Attached Federal Conditions

Bipartisan Infrastructure Law (BIL)
Special Terms and Conditions

The Grantee ("Recipient"), which is identified in Block 5 of the Assistance Agreement, and the Office of Energy Efficiency and Renewable Energy ("EERE"), an office within the United States Department of Energy ("DOE"), enter into this Award, referenced above, to achieve the project objectives and the technical milestones and deliverables stated in Attachment 1 to this Award.

This Award consists of the following documents, including all terms and conditions therein:

	Assistance Agreement
	Special Terms and Conditions
Attachment 1	Annual File
Attachment 2	Federal Assistance Reporting Checklist and Instructions
Attachment 3	Budget Information SF-424A
Attachment 4	Intellectual Property Provisions
Attachment 5	Master File
Attachment 6	NEPA Determination

The following are incorporated into this Award by reference:

- Applicable program regulations, including 10 CFR Part 420 – State Energy Program at http://eCFR.gov.
- DOE Assistance Regulations, 2 CFR part 200 as amended by 2 CFR part 910 at http://www.eCFR.gov.
- Public Law 117-58 Bipartisan Infrastructure Law (BIL)
- National Policy Requirements (November 12, 2020) at http://www.nsf.gov/awards/managing/rtc.jsp.
- The Recipient's application/proposal as approved by EERE.

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Subpart A. General Provisions

Term 1. Legal Authority and Effect

A DOE financial assistance award is valid only if it is in writing and is signed, either in writing or electronically, by a DOE Contracting Officer.

The Recipient may accept or reject the Award. A request to draw down DOE funds or acknowledgement of award documents by the Recipient's authorized representative through electronic systems used by DOE, specifically FedConnect, constitutes the Recipient's acceptance of the terms and conditions of this Award. Acknowledgement via FedConnect by the Recipient's authorized representative constitutes the Recipient's electronic signature.

Term 2. Flow Down Requirement

The Recipient agrees to apply the terms and conditions of this Award, as applicable, including the Intellectual Property Provisions, to all subrecipients (and subcontractors, as appropriate), as required by 2 CFR 200.101, and to require their strict compliance therewith. Further, the Recipient must apply the Award terms as required by 2 CFR 200.327 to all subrecipients (and subcontractors, as appropriate), and to require their strict compliance therewith.

Term 3. Compliance with Federal, State, and Municipal Law

The Recipient is required to comply with applicable Federal, state, and local laws and regulations for all work performed under this Award. The Recipient is required to obtain all necessary Federal, state, and local permits, authorizations, and approvals for all work performed under this Award.

Term 4. Inconsistency with Federal Law

Any apparent inconsistency between Federal statutes and regulations and the terms and conditions contained in this Award must be referred to the DOE Award Administrator for guidance.

Term 5. Federal Stewardship

EERE will exercise normal Federal stewardship in overseeing the project activities performed under this Award. Stewardship activities include, but are not limited to, conducting site visits; reviewing performance and financial reports; providing technical assistance and/or temporary intervention in unusual circumstances to address deficiencies that develop during the project; assuring compliance with terms and conditions; and reviewing technical performance after project completion to ensure that the project objectives have been accomplished.

Term 6. Federal Involvement

A. Review Meetings

The Recipient, including but not limited to, the principal investigator (or, if applicable, co-principal investigators), is required to participate in periodic review meetings with EERE. Review meetings enable EERE to assess the work performed under this Award and determine whether the Recipient has timely achieved the technical milestones and deliverables stated in Attachment 1 to this Award.

EERE shall determine the frequency of review meetings and select the day, time, and location of each review meeting and shall do so in a reasonable and good faith manner. EERE will provide the Recipient with reasonable notice of the review meetings.

For each review meeting, the Recipient is required to provide a comprehensive overview of the project, including:

- The Recipient's technical progress compared to the Milestone Summary Table stated in Attachment 1 to this Award.
- The Recipient's actual expenditures compared to the approved budget in Attachment 3 to this Award.
- Other subject matter specified by the DOE Technology Manager/Project Officer.

B. Project Meetings

The Recipient is required to notify EERE in advance of scheduled tests and internal project meetings that would entail discussion of topics that could result in major changes to the baseline project technical scope/approach, cost, or schedule. Upon request by EERE, the Recipient is required to provide EERE with reasonable access (by telephone, webinar, or otherwise) to the tests and project meetings. The Recipient is not expected to delay any work under this Award for the purpose of government insight.

C. Site Visits

EERE's authorized representatives have the right to make site visits at reasonable times to review project accomplishments and management control systems and to provide technical assistance, if required. The Recipient must provide, and must require subrecipients to provide, reasonable access to facilities, office space, resources, and assistance for the safety and convenience of the government representatives in the performance of their duties. All site visits and evaluations must be performed in a manner that does not unduly interfere with or delay the work.

D. EERE Access

The Recipient must provide any information, documents, site access, or other assistance requested by EERE for the purpose of its Federal stewardship or substantial involvement.

Term 7. NEPA Requirements

A. Authorization

DOE must comply with the National Environmental Policy Act (NEPA) prior to authorizing the use of Federal funds.

For Recipients with a DOE executed Historic Preservation Programmatic Agreement (PA), DOE has determined that the "Bounded Categories" listed in the State Energy Program NEPA Determination (Attachment 6) are categorically excluded and require no further NEPA review, when the Recipient demonstrates the activities are compliant with the restrictions of the "Bounded Categories" and the NEPA logs are available to DOE upon request as well as submitted quarterly, per the Federal Assistance Reporting Checklist. The Recipient is thereby authorized to use Federal funds for the "Bounded Categories" listed in the SEP IIJA Provision 40109 Administrative and Legal Requirements Document (SEP-IIJAALRD-2022) NEPA Determination, subject to the Recipient's compliance with paragraphs B. "Conditions" and C. "Future Modifications," and the restrictions listed in Attachment 6.

B. Conditions

Activities/projects not listed under "Bounded Categories" are subject to additional NEPA review and approval by DOE. For activities/projects requiring additional NEPA review, Recipients must complete the environmental questionnaire(https://www.eere-pmc.energy.gov/NEPA.aspx) and receive notification from DOE that the NEPA review has been completed and approved by the Contracting Officer prior to initiating the project or activities.

1. This NEPA Determination only applies to activities funded by the SEP IIJA Provision 40109 Administrative and Legal Requirements Document.

2. All activities must be documented (e.g., a NEPA log) to ensure compliance with the restrictions of the Bounded Categories. The documentation must be available for DOE review upon request.

3. Activities not listed under "Bounded Categories" including ground disturbing activities outside the boundaries of a facility (defined as an already disturbed area due to regular ground maintenance), structural improvements to facilities, and tree removal, are subject to additional NEPA review and approval by DOE. For activities requiring additional NEPA review, Recipients must complete the environmental questionnaire found at https: //www.eere-pmc.energy.gov/NEPA.aspx and receive notification from DOE that the NEPA review has been completed and approved by the Contracting Officer prior to initiating the project or activities.

4. This authorization does not include activities where the following elements exist: extraordinary circumstances; cumulative impacts or connected actions that may lead to significant effects on the human environment; or any inconsistency with the "integral elements" (as contained in 10 CFR Part 1021, Appendix B) as they relate to a particular project.

5. The Recipient must identify and promptly notify DOE of extraordinary circumstances, cumulative impacts or connected actions that may lead to significant effects on the human environment, or any inconsistency with the “integral elements” (as contained in 10 CFR Part 1021, Appendix B) as they relate to project activities.

6. Recipients must have a DOE executed Historic Preservation Programmatic Agreement and adhere to the terms and restrictions of its DOE executed Historic Preservation Programmatic Agreement. DOE executed historic preservation programmatic agreements are available on the Weatherization and Intergovernmental Programs website:https://www.energy.gov/eere/wipo/historic-preservation-executed-programmatic-agreements.

7. Most activities listed under "Bounded Categories" are more restrictive than the Categorical Exclusion. The restrictions listed in the "Bounded Categories" must be followed.

8. Recipients are responsible for completing the online NEPA and Historic preservation training at http://www.energy.gov/node/4816816 and contacting NEPA with any questions GONEPA@ee.doe.gov.

9. This authorization excludes any activities that are otherwise subject to a restriction set forth elsewhere in the Award.

C. Modifications and Activities not covered by the NEPA Determination

If the Recipient intends to undertake activities or projects that do not fall within the NEPA determination, those activities and projects are subject to additional NEPA review by DOE and are not authorized for Federal funding unless and until the Contracting Officer provides written authorization on those additions or modifications. Should the Recipient elect to undertake activities or projects prior to written authorization from the Contracting Officer, the Recipient does so at risk of not receiving Federal funding for those activities and projects, and such costs may not be recognized as allowable cost match.

Term 8. Historic Preservation

A. Authorization

DOE must comply with the requirements of Section 106 of the National Historic Preservation Act (NHPA) prior to authorizing the use of Federal funds. Section 106 applies to historic properties that are listed in or eligible for listing in the National Register of Historic Places. Recipients with a DOE-executed Programmatic Agreement (PA) must comply with the requirements identified in paragraph B. Conditions below.

B. Conditions

Recipients with a DOE executed PA for Historic Preservation:
(AL, AK, AS, AZ, AR, CA, CO, CT, DE, DC,FL,GA, HI, ID, IL, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MP, MS, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH,OK,OR, PA, PR, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, WY, and VI.)

Recipients with a DOE executed historic preservation Programmatic Agreement (PA) must adhere to all the Stipulations of their PA. All DOE executed PAs are available on the Weatherization and Intergovernmental Programs website: https://www.energy.gov/eere/wipo/historic-preservation-executed-programmatic-agreements.

In addition to the Stipulations in their PAs, Recipients must notify DOE via GONEPA@ee.doe.gov whenever:

- Either the Recipient or the State Historic Preservation Office (SHPO)/Tribal Historic Preservation Office (THPO) believes that the Criteria of Adverse Effect pursuant to 36 CFR § 800.5, apply to the proposal under consideration by DOE;
- There is a disagreement between an Applicant, or its authorized representative, and the SHPO/THPO about the scope of the area of potential effects, identification and evaluation of historic properties and/or the assessment of effects;

- There is an objection from a consulting party or the public regarding their involvement in the review process established by 36 CFR Part 800, Section 106 findings and determinations, or implementation of agreed upon measures; or
- There is the potential for a foreclosure situation or anticipatory demolition as defined under 36 CFR §800.9 (b) and 36 CFR § 800.9 (c)

Term 9. Performance of Work in United States

A. Requirement

All work performed under this Award must be performed in the United States unless the Contracting Officer provides a waiver. This requirement does not apply to the purchase of supplies and equipment; however, the Recipient should make every effort to purchase supplies and equipment within the United States. The Recipient must flow down this requirement to its subrecipients.

B. Failure to Comply

If the Recipient fails to comply with the Performance of Work in the United States requirement, the Contracting Officer may deny reimbursement for the work conducted outside the United States and such costs may not be recognized as allowable Recipient cost share regardless if the work is performed by the Recipient, subrecipients, vendors or other project partners.

C. Waiver for Work Outside the U.S.

All work performed under this Award must be performed in the United States. However, the Contracting Officer may approve the Recipient to perform a portion of the work outside the United States under limited circumstances. The Recipient must obtain a waiver from the Contracting Officer prior to conducting any work outside the U.S. To request a waiver, the Recipient must submit a written waiver request to the Contracting Officer, which includes the following information:

- The rationale for performing the work outside the U.S.;
- A description of the work proposed to be performed outside the U.S.;
- Proposed budget of work to be performed; and
- The countries in which the work is proposed to be performed.

For the rationale, the Recipient must demonstrate to the satisfaction of the Contracting Officer that the performance of work outside the United States would further the purposes of the FOA or Program that the Award was selected under and is in the economic interests of the United States. The Contracting Officer may require additional information before considering such request.

Term 10. Foreign National Involvement

The Recipient and project participants (including subrecipients and contractors) who anticipate involving foreign nationals in the performance of an award, may be required to provide DOE with specific information about each foreign national to satisfy requirements for foreign national participation. A foreign national is defined as any person who is not a U.S. citizen by birth or naturalization. The volume and type of information collected may depend on various factors associated with the award.

Term 11. Reporting Requirements

A. Requirements

The reporting requirements for this Award are identified on the Federal Assistance Reporting Checklist, attached to this Award. Failure to comply with these reporting requirements is considered a material noncompliance with the terms of the Award. Noncompliance may result in withholding of future payments, suspension, or termination of the current award, and withholding of future awards. A willful failure to perform, a history of failure to perform, or unsatisfactory performance of this and/or other financial assistance awards, may also result in a debarment action to preclude future awards by Federal agencies.

B. Dissemination of Scientific and Technical Information

Scientific and Technical Information (STI) generated under this Award will be submitted to DOE via the Office of Scientific and Technical Information's Energy Link (E-Link) system. STI submitted under this Award will be disseminated via DOE's OSTI.gov website subject to approved access limitations. Citations for journal articles produced under the Award will appear on the DOE PAGES website.

C. Restrictions

Scientific and Technical Information submitted to E-Link must not contain any Protected Personal Identifiable Information (PII), limited rights data (proprietary data), classified information, information subject to export control classification, or other information not subject to release.

Term 12. Lobbying

By accepting funds under this Award, the Recipient agrees that none of the funds obligated on the Award shall be expended, directly or indirectly, to influence congressional action on any legislation or appropriation matters pending before Congress, other than to communicate to Members of Congress as described in 18 U.S.C. 1913. This restriction is in addition to those prescribed elsewhere in statute and regulation.

Term 13. Publications

The Recipient is required to include the following acknowledgement in publications arising out of, or relating to, work performed under this Award, whether copyrighted or not:

- *Acknowledgment:* "This material is based upon work supported by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) under the State Energy Program Award Number DE-EE0010070."

- *Full Legal Disclaimer: "*This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof."

  Abridged Legal Disclaimer: "The views expressed herein do not necessarily represent the views of the U.S. Department of Energy or the United States Government."

  Recipients should make every effort to include the full Legal Disclaimer. However, in the event that recipients are constrained by formatting and/or page limitations set by the publisher, the abridged Legal Disclaimer is an acceptable alternative.

Term 14. No-Cost Extension

As provided in 2 CFR 200.308, the Recipient must provide the Contracting Officer with notice in advance if it intends to utilize a one-time, no-cost extension of this Award. The notification must include the supporting reasons and the revised period of performance. The Recipient must submit this notification in writing to the Contracting Officer and DOE Technology Manager/ Project Officer at least 30 days before the end of the current budget period.

Any no-cost extension will not alter the project scope, milestones, deliverables, or budget of this Award.

Term 15. Property Standards

The complete text of the Property Standards can be found at 2 CFR 200.310 through 200.316. Also see 2 CFR 910.360 for additional requirements for real property and equipment for For-Profit recipients.

Term 16. Insurance Coverage

See 2 CFR 200.310 for insurance requirements for real property and equipment acquired or improved with Federal funds. Also see 2 CFR 910.360(d) for additional requirements for real property and equipment for For-Profit recipients.

Term 17. Real Property

Subject to the conditions set forth in 2 CFR 200.311, title to real property acquired or improved under a Federal award will conditionally vest upon acquisition in the non-Federal entity. The non-Federal entity cannot encumber this property and must follow the requirements of 2 CFR 200.311 before disposing of the property.

Except as otherwise provided by Federal statutes or by the Federal awarding agency, real property will be used for the originally authorized purpose as long as needed for that purpose. When real property is no longer needed for the originally authorized purpose, the non-Federal entity must obtain disposition instructions from DOE or pass-through entity. The instructions must provide for one of the following alternatives: (1) retain title after compensating DOE as described in 2 CFR 200.311(c)(1); (2) Sell the property and compensate DOE as specified in 2 CFR 200.311(c)(2); or (3) transfer title to DOE or to a third party designated/approved by DOE as specified in 2 CFR 200.311(c)(3).

See 2 CFR 200.311 for additional requirements pertaining to real property acquired or improved under a Federal award. Also see 2 CFR 910.360 for additional requirements for real property for For-Profit recipients.

Term 18. Equipment

Subject to the conditions provided in 2 CFR 200.313, title to equipment (property) acquired under a Federal award will conditionally vest upon acquisition with the non-Federal entity. The non-Federal entity cannot encumber this property and must follow the requirements of 2 CFR 200.313 before disposing of the property.

A state must use equipment acquired under a Federal award by the state in accordance with state laws and procedures.

Equipment must be used by the non-Federal entity in the program or project for which it was acquired as long as it is needed, whether or not the project or program continues to be supported by the Federal award. When no longer needed for the originally authorized purpose, the equipment may be used by programs supported by DOE in the priority order specified in 2 CFR 200.313(c)(1)(i) and (ii).

Management requirements, including inventory and control systems, for equipment are provided in 2 CFR 200.313(d).

When equipment acquired under a Federal award is no longer needed, the non-Federal entity must obtain disposition instructions from DOE or pass-through entity.

Disposition will be made as follows: (1) items of equipment with a current fair market value of $5,000 or less may be retained, sold, or otherwise disposed of with no further obligation to DOE; (2) Non-Federal entity may retain title or sell the equipment after compensating DOE as described in 2 CFR 200.313(e)(2); or (3) transfer title to DOE or to an eligible third party as specified in 2 CFR 200.313(e)(3).

See 2 CFR 200.313 for additional requirements pertaining to equipment acquired under a Federal award. Also see 2 CFR 910.360 for additional requirements for equipment for For-Profit recipients. See also 2 CFR 200.439 Equipment and other capital expenditures.

Term 19. Supplies

See 2 CFR 200.314 for requirements pertaining to supplies acquired under a Federal award. See also 2 CFR 200.453 Materials and supplies costs, including costs of computing devices.

Term 20. Property Trust Relationship

Real property, equipment, and intangible property, that are acquired or improved with a Federal award must be held in trust by the non-Federal entity as trustee for the beneficiaries of the project or program under which the property was acquired or improved. See 2 CFR 200.316 for additional requirements pertaining to real property, equipment, and intangible property acquired or improved under a Federal award.

Term 21. Record Retention

Consistent with 2 CFR 200.334 through 200.338, the Recipient is required to retain records relating to this Award.

Term 22. Audits

A. Government-Initiated Audits

The Recipient must provide any information, documents, site access, or other assistance requested by EERE, DOE or Federal auditing agencies (e.g., DOE Inspector General, Government Accountability Office) for the purpose of audits and investigations. Such assistance may include, but is not limited to, reasonable access to the Recipient's records relating to this Award.

Consistent with 2 CFR part 200 as amended by 2 CFR part 910, DOE may audit the Recipient's financial records or administrative records relating to this Award at any time. Government-initiated audits are generally paid for by DOE.

DOE may conduct a final audit at the end of the project period (or the termination of the Award, if applicable). Upon completion of the audit, the Recipient is required to refund to DOE any payments for costs that were determined to be unallowable. If the audit has not been performed or completed prior to the closeout of the award, DOE retains the right to recover an appropriate amount after fully considering the recommendations on disallowed costs resulting from the final audit.

DOE will provide reasonable advance notice of audits and will minimize interference with ongoing work, to the maximum extent practicable.

B. Annual Independent Audits (Single Audit or Compliance Audit)

The Recipient must comply with the annual independent audit requirements in 2 CFR 200.500 through .521 for institutions of higher education, nonprofit organizations, and state and local governments (Single audit), and 2 CFR 910.500 through .521 for for-profit entities (Compliance audit).

The annual independent audits are separate from Government-initiated audits discussed in part A. of this Term, and must be paid for by the Recipient. To minimize expense, the Recipient may have a Compliance audit in conjunction with its annual audit of financial statements. The financial statement audit is **not** a substitute for the Compliance audit. If the audit (Single audit or Compliance audit, depending on Recipient entity type) has not been performed or completed prior to the closeout of the award, DOE may impose one or more of the actions outlined in 2 CFR 200.338, Remedies for Noncompliance.

Subpart B. Financial Provisions

Term 23. Maximum Obligation

The maximum obligation of DOE for this Award is the total "Funds Obligated" stated in Block 13 of the Assistance Agreement to this Award.

Term 24. Continuation Application and Funding

A. Continuation Application

A continuation application is a non-competitive application for an additional budget period and extended project period. The continuation application shall be submitted to EERE in accordance with the annual Announcement/Grant Guidance that is issued.

B. Continuation Funding

Continuation funding is contingent on (1) the availability of funds appropriated by Congress for the purpose of this program; (2) the availability of future-year budget authority; (3) Recipient's satisfactory progress towards meeting the objectives of the State Energy Program; (4) Recipient's submittal of required reports; (5) Recipient's compliance with the terms and conditions of the Award; (6) the Recipient's submission of a continuation application; and (7) written approval of the continuation application by the Contracting Officer.

Term 25. Refund Obligation

The Recipient must refund any excess payments received from EERE, including any costs determined unallowable by the Contracting Officer. Upon the end of the project period (or the termination of the Award, if applicable), the Recipient must refund to EERE the difference between (1) the total payments received from EERE, and (2) the Federal share of the costs incurred. Refund obligations under this Term do not supersede the annual reconciliation or true up process if specified under the Indirect Cost Term.

Term 26. Allowable Costs

EERE determines the allowability of costs through reference to 2 CFR part 200 as amended by 2 CFR part 910. All project costs must be allowable, allocable, and reasonable. The Recipient must document and maintain records of all project costs, including, but not limited to, the costs paid by Federal funds, costs claimed by its subrecipients and project costs that the Recipient claims as cost sharing, including in-kind contributions. The Recipient is responsible for maintaining records adequate to demonstrate that costs claimed have been incurred, are reasonable, allowable and allocable, and comply with the cost principles. Upon request, the Recipient is required to provide such records to EERE. Such records are subject to audit. Failure to provide EERE adequate supporting documentation may result in a determination by the Contracting Officer that those costs are unallowable.

The Recipient is required to obtain the prior written approval of the Contracting Officer for any foreign travel costs.

Term 27. Indirect Costs

A. Indirect Cost Allocation:

The Recipient does not have an approved or current Negotiated Indirect Cost Rate Agreement (NICRA) and has submitted an indirect rate proposal as approval for indirect costs to be invoiced to the DOE under segregated billing rates. The approved indirect cost billing rate is 31.78% and shall be allocated to the base of direct salaries and wages including applicable divisional fringe benefits. An updated rate proposal is required if the Recipient requests to bill the DOE higher billing rates than those listed herein.

B. Fringe Cost Allocation:
Fringe benefit costs have been allocated to this award under a segregated fringe billing rate. The fringe costs were found to be reasonable, allocable, and allowable as reflected in the budget. Fringe elements apply to both direct and indirect labor. Under a segregated cost pool, the fringe billing rate shall be treated as an indirect cost expenditure and must be reconciled annually.

C. Subrecipient Indirect Costs (If Applicable):
The Recipient must ensure its subrecipient's indirect costs are appropriately managed, have been found to be allowable, and comply with the requirements of this Award and 2 CFR Part 200 as amended by 2 CFR Part 910.

D. Indirect Cost Stipulations:

i. Modification to Indirect Cost Billing Rates
EERE will not modify this Award solely to provide additional funds to cover increases in the Recipient's indirect cost billing rate(s). Adjustments to the indirect cost billing rates must be approved by the Recipient's Cognizant Agency or Cognizant Federal Agency Official.

The Recipient must provide a copy of an updated NICRA or indirect rate proposal to the DOE Award Administrator in order to increase indirect cost billing rates. If the Contracting Officer provides prior written approval, the Recipient may incur an increase in the indirect cost billing rates. Reimbursement will be limited by the budgeted dollar amount for indirect costs for each budget period as shown in Attachment 3 to this Award.

ii. Award Closeout
The closeout of the DOE award does not affect (1) the right of the DOE to disallow costs and recover funds on the basis of a later audit or other review; (2) the requirement for the Recipient to return any funds due as a result of later refunds, corrections or other transactions including final indirect cost billing rate adjustments; and (3) the ability of the DOE to make financial adjustments to a previously closed award resolving indirect cost payments and making final payments.

Term 28. Decontamination and/or Decommissioning (D&D) Costs

Notwithstanding any other provisions of this Award, the Government shall not be responsible for or have any obligation to the Recipient for (1) Decontamination and/or Decommissioning (D&D) of any of the Recipient's facilities, or (2) any costs which may be incurred by the Recipient in connection with the D&D of any of its facilities due to the performance of the work under this Award, whether said work was performed prior to or subsequent to the effective

date of the Award

Term 29. Use of Program Income

If the Recipient earns program income during the project period as a result of this Award, the Recipient must add the program income to the funds committed to the Award and used to further eligible project objectives.

Term 30. Payment Procedures

A. Method of Payment

Payment will be made by advances through the Department of Treasury's ASAP system.

B. Requesting Advances

Requests for advances must be made through the ASAP system. The Recipient may submit requests as frequently as required to meet its needs to disburse funds for the Federal share of project costs. If feasible, the Recipient should time each request so that the Recipient receives payment on the same day that the Recipient disburses funds for direct project costs and the proportionate share of any allowable indirect costs. If same-day transfers are not feasible, advance payments must be as close to actual disbursements as administratively feasible.

C. Adjusting Payment Requests for Available Cash

The Recipient must disburse any funds that are available from repayments to and interest earned on a revolving fund, program income, rebates, refunds, contract settlements, audit recoveries, credits, discounts, and interest earned on any of those funds before requesting additional cash payments from EERE.

D. Payments

All payments are made by electronic funds transfer to the bank account identified on the Bank Information Form that the Recipient filed with the U.S. Department of Treasury.

E. Unauthorized Drawdown of Federal Funds

For each budget period, the Recipient may not spend more than the Federal share authorized to that particular budget period, without specific written approval from the Contracting Officer. The Recipient must immediately refund EERE any amounts spent or drawn down in excess of the authorized amount for a budget period. The Recipient and subrecipients shall promptly, but at least quarterly, remit to DOE interest earned on advances drawn in excess of disbursement needs, and shall comply with the procedure for remitting interest earned to the Federal government per 2 CFR 200.305, as applicable.

F. Supporting Documents for Agency Approval of Payments

DOE may require Agency pre-approval of payments. If the Agency approval requirement is in effect for the Recipient's Award, the ASAP system will indicate that Agency approval is required when the Recipient submits a request for payment.

The Recipient must notify the DOE Technical Project Officer and DOE Award Administrator identified on the Assistance Agreement that a payment request has been submitted.

The following items are required to be submitted to the DOE Technical Project Officer and DOE Award Administrator identified on the Assistance Agreement:

- Summary cost data, for the billing period and cumulative cost data, showing all categories listed in the SF-424A and identifying Federal, non-Federal, and total amounts.
- SF-270.
- If there are unauthorized phases and/or tasks for the current budget period in the NEPA Requirements term in these Special Terms and Conditions, a statement affirming that no invoiced costs are related to tasks or activities prohibited by the NEPA Requirements term.
- *Applicable to for-profit recipients and subrecipients* UCC filing proof for all equipment acquired with project funds (i.e., Federal share or Recipient share) and equipment offered as cost share.

The DOE payment authorizing official may request additional information from the Recipient to support the payment requests prior to release of funds, as deemed necessary. The Recipient is required to comply with these requests. Supporting documents include invoices, copies of contracts, vendor quotes, and other expenditure explanations that justify the payment requests.

Term 31. Budget Changes

A. Budget Changes Generally

The Contracting Officer has reviewed and approved the SF-424A in Attachment 3 to this Award.

Any increase in the total project cost, whether DOE share or Cost Share, which is stated as "Total" in Block 12 to the Assistance Agreement of this Award, must be approved in advance and in writing by the Contracting Officer.

Any change that alters the project scope, milestones or deliverables requires prior written approval of the Contracting Officer. EERE may deny reimbursement for any

failure to comply with the requirements in this term.

B. Transfers of Funds Among Direct Cost Categories

The Recipient is required to submit written notification via email (not in PAGE) to the Project Officer identified in the Assistance Agreement of any transfer of funds among direct cost categories where the cumulative amount of such transfers exceeds or is expected to exceed 10 percent of the total project cost, which is stated as "Total" in Block 12 to the Assistance Agreement of this Award.

Upon receipt of adequate notification documentation by the Project Officer, the recipient is hereby authorized to transfer funds among direct cost categories for program activities consistent with their approved State/Annual Plan, without prior approval by the awarding agency.

Limitations on supplies and equipment as detailed in the respective year's SEP Grant Guidance still apply and are not waived under this provision.

C. Transfer of Funds Between Direct and Indirect Cost Categories

The Recipient is required to obtain the prior written approval of the Contracting Officer for any transfer of funds between direct and indirect cost categories. If the Recipient's actual allowable indirect costs are less than those budgeted in Attachment 3 to this Award, the Recipient may use the difference to pay additional allowable direct costs during the project period so long as the total difference is less than 10% of total project costs and the difference is reflected in actual requests for reimbursement to DOE.

Term 32. Carryover of Unobligated Balances

The Recipient is hereby authorized to carry over unobligated balances of Federal and non-Federal funds from one budget period to a subsequent budget period, for program activities consistent with their approved State/Annual Plan, without prior approval by the Contracting Officer. Should the Recipient wish to use carryover funds for activities that are not consistent with the approved State/Annual Plan, a budget revision application must be submitted for approval by DOE.

For purposes of this Award, an unobligated balance is the portion of the funds authorized by DOE that have not been obligated by the Recipient at the end of a budget period. The Recipient is advised to carefully manage grant funds to minimize unobligated balances each year, but especially at the end of the grant project period.

Subpart C. Miscellaneous Provisions

Term 33. Reporting Subawards and Executive Compensation

A. Reporting of first tier subawards

i. *Applicability*. Unless the Recipient is exempt as provided in paragraph D. of this award term, the Recipient must report each action that equals or exceeds $30,000 in Federal funds for a subaward to an entity (see definitions in paragraph E. of this award term).

ii. *Where and when to report*.

1. The Recipient must report each obligating action described in paragraph A.i. of this award term to https://www.fsrs.gov.

2. For subaward information, report no later than the end of the month following the month in which the obligation was made. (For example, if the obligation was made on November 7, 2010, the obligation must be reported no later than December 31, 2010.)

iii. *What to report*. The Recipient must report the information about each obligating action that the submission instructions posted at https://www.fsrs.gov specify.

B. Reporting Total Compensation of Recipient Executives

i. *Applicability and what to report*. The Recipient must report total compensation for each of its five most highly compensated executives for the preceding completed fiscal year, if:

1. The total Federal funding authorized to date under this Award equals or exceeds $30,000 as defined in 2 CFR 170.320;

2. In the preceding fiscal year, the Recipient received;

a. 80 percent or more of the Recipient's annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and

b. $25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards)

3. The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at http://www.sec.gov/answers/execomp.htm).

ii. *Where and when to report*. The Recipient must report executive total compensation described in paragraph B.i. of this award term:

1. As part of the Recipient's registration profile at https://www.sam.gov.

2. By the end of the month following the month in which this award is made, and annually thereafter.

C. Reporting of Total Compensation of Subrecipient Executives

i. *Applicability and what to report*. Unless the Recipient is exempt as provided in paragraph D. of this award term, for each first-tier subrecipient under this award, the Recipient shall report the names and total compensation of each of the subrecipient's five most highly compensated executives for the subrecipient's preceding completed fiscal year, if:

1. In the subrecipient's preceding fiscal year, the subrecipient received:

a. 80 percent or more of its annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and

b. $25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts), and Federal financial assistance subject to the Transparency Act (and subawards)

2. The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at http://www.sec.gov/answers/execomp.htm).

ii. *Where and when to report*. The Recipient must report subrecipient executive total compensation described in paragraph C.i. of this award term:

1. To the recipient.

2. By the end of the month following the month during which the Recipient makes the subaward. For example, if a subaward is obligated on any date during the month of October of a given year (*i.e.*, between October 1 and 31), the Recipient must report any required compensation information of the subrecipient by November 30 of that year.

D. Exemptions

If, in the previous tax year, the Recipient had gross income, from all sources, under $300,000, it is exempt from the requirements to report:

i. Subawards; and

ii. The total compensation of the five most highly compensated executives of any subrecipient.

E. Definitions

For purposes of this Award term:

i. Entity means all of the following, as defined in 2 CFR Part 25:

1. A Governmental organization, which is a State, local government, or Indian tribe.
2. A foreign public entity.
3. A domestic or foreign nonprofit organization.
4. A domestic or foreign for-profit organization.
5. A Federal agency, but only as a subrecipient under an award or subaward to a non-Federal entity.

ii. Executive means officers, managing partners, or any other employees in management positions.

iii. Subaward:

1. This term means a legal instrument to provide support for the performance of any portion of the substantive project or program for which the Recipient received this award and that the recipient awards to an eligible subrecipient.

2. The term does not include the Recipient's procurement of property and services needed to carry out the project or program (for further explanation, see 2 CFR 200.501 Audit requirements, (f) *Subrecipients and Contractors* and/or 2 CFR 910.501 Audit requirements, (f) *Subrecipients and Contractors*).

3. A subaward may be provided through any legal agreement, including an agreement that the Recipient or a subrecipient considers a contract.

iv. Subrecipient means an entity that:

1. Receives a subaward from the Recipient under this award; and

2. Is accountable to the Recipient for the use of the Federal funds provided by the subaward.

v. Total compensation means the cash and noncash dollar value earned by the executive during the recipient's or subrecipient's preceding fiscal year and includes the following (for more information see 17 CFR 229.402(c)(2)):

1. Salary and bonus.

2. Awards of stock, stock options, and stock appreciation rights. Use the dollar amount recognized for financial statement reporting purposes with respect to the fiscal year in accordance with the Statement of Financial Accounting Standards No. 123 (Revised 2004) (FAS 123R), Shared Based Payments.

3. Earnings for services under non-equity incentive plans. This does not include group life, health, hospitalization or medical reimbursement

plans that do not discriminate in favor of executives and are available generally to all salaried employees.

4. Change in pension value. This is the change in present value of defined benefit and actuarial pension plans.

5. Above-market earnings on deferred compensation which is not tax-qualified.

6. Other compensation, if the aggregate value of all such other compensation (*e.g.* severance, termination payments, value of life insurance paid on behalf of the employee, perquisites or property) for the executive exceeds $10,000.

Term 34. System for Award Management and Universal Identifier Requirements

A. Requirement for Registration in the System for Award Management (SAM)
Unless the Recipient is exempted from this requirement under 2 CFR 25.110, the Recipient must maintain the currency of its information in SAM until the Recipient submits the final financial report required under this Award or receive the final payment, whichever is later. This requires that the Recipient reviews and updates the information at least annually after the initial registration, and more frequently if required by changes in its information or another award term.

B. Unique Entity Identifier (UEI)
SAM automatically assigns a UEI to all active SAM.gov registered entities. Entities no longer have to go to a third-party website to obtain their identifier. This information is displayed on SAM.gov.

If the Recipient is authorized to make subawards under this Award, the Recipient:

i. Must notify potential subrecipients that no entity (see definition in paragraph C of this award term) may receive a subaward from the Recipient unless the entity has provided its UEI number to the Recipient.

ii. May not make a subaward to an entity unless the entity has provided its UEI number to the Recipient.

C. Definitions

For purposes of this award term:

i. System for Award Management (SAM) means the Federal repository into which an entity must provide information required for the conduct of business as a recipient. Additional information about registration procedures may be found at the SAM Internet site (currently at https://www.sam.gov).

ii. Unique Entity Identifier (UEI) is the 12-character, alpha-numeric identifier that will be assigned by SAM.gov upon registration.

iii. Entity, as it is used in this award term, means all of the following, as defined at 2 CFR Part 25, subpart C:

1. A Governmental organization, which is a State, local government, or Indian Tribe.
2. A foreign public entity.
3. A domestic or foreign nonprofit organization.
4. A domestic or foreign for-profit organization.
5. A Federal agency, but only as a subrecipient under an award or subaward to a non-Federal entity.

iv. Subaward:

1. This term means a legal instrument to provide support for the performance of any portion of the substantive project or program for which the Recipient received this Award and that the Recipient awards to an eligible subrecipient.

2. The term does not include the Recipient's procurement of property and services needed to carry out the project or program (for further explanation, see 2 CFR 200.501 Audit requirements, (f) *Subrecipients and Contractors* and/or 2 CFR 910.501 Audit requirements, (f) *Subrecipients and Contractors*).

3. A subaward may be provided through any legal agreement, including an agreement that the Recipient considers a contract.

v. Subrecipient means an entity that:

1. Receives a subaward from the Recipient under this Award; and
2. Is accountable to the Recipient for the use of the Federal funds provided by the subaward

Term 35. Nondisclosure and Confidentiality Agreements Assurances

A. By entering into this agreement, the Recipient attests that it **does not and will not** require its employees or contractors to sign internal nondisclosure or confidentiality agreements or statements prohibiting or otherwise restricting its employees or contactors from lawfully reporting waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.

B. The Recipient further attests that it **does not and will not** use any Federal funds to implement or enforce any nondisclosure and/or confidentiality policy, form, or agreement it uses unless it contains the following provisions:

i. *''These provisions are consistent with and do not supersede, conflict with, or otherwise alter the employee obligations, rights, or liabilities created by existing statute or Executive order relating to (1) classified information, (2) communications to Congress, (3) the reporting to an Inspector General of a violation of any law, rule, or regulation, or mismanagement, a gross waste of funds, an abuse of authority, or a substantial and specific danger to public health or safety, or (4) any other whistleblower protection. The definitions, requirements, obligations, rights, sanctions, and liabilities created by controlling Executive orders and statutory provisions are incorporated into this agreement and are controlling.''*

ii. The limitation above shall not contravene requirements applicable to Standard Form 312, Form 4414, or any other form issued by a Federal department or agency governing the nondisclosure of classified information.

iii. Notwithstanding provision listed in paragraph (a), a nondisclosure or confidentiality policy form or agreement that is to be executed by a person connected with the conduct of an intelligence or intelligence-related activity, other than an employee or officer of the United States Government, may contain provisions appropriate to the particular activity for which such document is to be used. Such form or agreement shall, at a minimum, require that the person will not disclose any classified information received in the course of such activity unless specifically authorized to do so by the United States Government. Such nondisclosure or confidentiality forms shall also make it clear that they do not bar disclosures to Congress, or to an authorized official of an executive agency or the Department of Justice, that are essential to reporting a substantial violation of law.

Term 36. Conference Spending

The Recipient shall not expend any funds on a conference not directly and programmatically related to the purpose for which the grant or cooperative agreement was awarded that would defray the cost to the United States Government of a conference held by any Executive branch department, agency, board, commission, or office for which the cost to the United States Government would otherwise exceed $20,000, thereby circumventing the required notification by the head of any such Executive Branch department, agency, board, commission, or office to the Inspector General (or senior ethics official for any entity without an Inspector General), of the date, location, and number of employees attending such conference.

Term 37. Recipient Integrity and Performance Matters

A. General Reporting Requirement

If the total value of the Recipient's currently active Financial Assistance awards, cooperative agreements, and procurement contracts from all Federal awarding agencies exceeds $10,000,000 for any period of time during the period of performance of this Federal award, then you as the recipient during that period of time must maintain the currency of information reported to the System for Award Management (SAM) that is made available in the designated integrity and performance system (currently the Federal Awardee Performance and Integrity Information System (FAPIIS)) about civil, criminal, or administrative proceedings described in paragraph 2 of this term. This is a statutory requirement under section 872 of Public Law 110-417, as amended (41 U.S.C. 2313). As required by section 3010 of Public Law 111-212, all information posted in the designated integrity and performance system on or after April 15, 2011, except past performance reviews required for Federal procurement contracts, will be publicly available.

B. Proceedings About Which You Must Report

Submit the information required about each proceeding that:

i. Is in connection with the award or performance of a Financial Assistance, cooperative agreement, or procurement contract from the Federal Government;

ii. Reached its final disposition during the most recent five-year period; and

iii. Is one of the following:

1. A criminal proceeding that resulted in a conviction, as defined in paragraph E of this award term and condition;
2. A civil proceeding that resulted in a finding of fault and liability and payment of a monetary fine, penalty, reimbursement, restitution, or damages of $5,000 or more;
3. An administrative proceeding, as defined in paragraph E of this term, that resulted in a finding of fault and liability and your payment of either a monetary fine or penalty of $5,000 or more or reimbursement, restitution, or damages in excess of $100,000; or

4. Any other criminal, civil, or administrative proceeding if:
    a. It could have led to an outcome described in paragraph B.iii.1, 2, or 3 of this term;
    b. It had a different disposition arrived at by consent or compromise with an acknowledgment of fault on your part; and
    c. The requirement in this term to disclose information about the proceeding does not conflict with applicable laws and regulations.

C. Reporting Procedures

Enter in the SAM Entity Management area the information that SAM requires about each proceeding described in paragraph B of this term. You do not need to submit the information a second time under assistance awards that you received if you already provided the information through SAM because you were required to do so under Federal procurement contracts that you were awarded.

D. Reporting Frequency

During any period of time when you are subject to the requirement in paragraph A of this term, you must report proceedings information through SAM for the most recent five-year period, either to report new information about any proceeding(s) that you have not reported previously or affirm that there is no new information to report. Recipients that have Federal contract, Financial Assistance awards, (including cooperative agreement awards) with a cumulative total value greater than $10,000,000, must disclose semiannually any information about the criminal, civil, and administrative proceedings.

E. Definitions

For purposes of this term:

i. Administrative proceeding means a non-judicial process that is adjudicatory in nature in order to make a determination of fault or liability (e.g., Securities and Exchange Commission Administrative proceedings, Civilian Board of Contract Appeals proceedings, and Armed Services Board of Contract Appeals proceedings). This includes proceedings at the Federal and State level but only in connection with performance of a Federal contract or Financial Assistance awards. It does not include audits, site visits, corrective plans, or inspection of deliverables.

ii. Conviction means a judgment or conviction of a criminal offense by any court of competent jurisdiction, whether entered upon a verdict or a plea, and includes a conviction entered upon a plea of *nolo contendere*.

iii. Total value of currently active Financial Assistance awards, cooperative agreements and procurement contracts includes—

1. Only the Federal share of the funding under any Federal award with a recipient cost share or match; and
2. The value of all expected funding increments under a Federal award and options, even if not yet exercised.

Term 38. Export Control

The U.S. government regulates the transfer of information, commodities, technology, and software considered to be strategically important to the U.S. to protect national security, foreign policy, and economic interests without imposing undue regulatory burdens on legitimate international trade. There is a network of Federal agencies and regulations that govern exports that are collectively referred to as "Export Controls." To ensure compliance with Export Controls, it is the Recipient's responsibility to determine when its project activities trigger Export Controls and to ensure compliance.

Certain information, technology or material under an award may be considered export-controlled items that cannot be released to any foreign entity (organization, company, or person) without a license. The Recipient, and any subrecipients, must take the appropriate steps to obtain any required licenses, monitor and control access to restricted information and material, and safeguard all controlled items to ensure compliance with Export Controls. Under no circumstances may any foreign entity (organizations, companies, or persons) receive access to an export-controlled item unless proper export procedures have been satisfied and such access is authorized pursuant to law or regulation.

The Recipient must immediately report to DOE any export control violations related to the project funded under this Award, at the recipient or subrecipient level, and provide the corrective action(s) to prevent future violations.

Term 39. Prohibition on Certain Telecommunications and Video Surveillance Services or Equipment

As set forth in 2 CFR 200.116, recipients and subrecipients are prohibited from obligating or expending project funds (Federal funds and recipient cost share) to:

(1) Procure or obtain;

(2) Extend or renew a contract to procure or obtain; or

(3) Enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115-232, section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).

(i) For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).

(ii) Telecommunications or video surveillance services provided by such entities or using such equipment.

(iii) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

See Public Law 115-232, section 889 for additional information.

Term 40. Fraud, Waste and Abuse

The mission of the DOE Office of Inspector General (OIG) is to strengthen the integrity, economy and efficiency of DOE's programs and operations including deterring and detecting fraud, waste, abuse and mismanagement. The OIG accomplishes this mission primarily through investigations, audits, and inspections of Department of Energy activities to include grants, cooperative agreements, loans, and contracts.

The OIG maintains a Hotline for reporting allegations of fraud, waste, abuse, or mismanagement. To report such allegations, please visit https://www.energy.gov/ig/ig-hotline.

Additionally, the Recipient must be cognizant of the requirements of 2 CFR § 200.113 Mandatory disclosures:, which states:

> *The non-Federal entity or applicant for a Federal award must disclose, in a timely manner, in writing to the Federal awarding agency or pass-through entity all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the Federal award. Non-Federal entities that have received a Federal award including the term and condition outlined in appendix XII to this part are required to report certain civil, criminal, or administrative proceedings to SAM (currently FAPIIS). Failure to make required disclosures can result in any of the remedies described in § 200.339. (See also 2 CFR part 180, 31 U.S.C. 3321, and 41 U.S.C. 2313.) [85 FR 49539, Aug. 13, 2020]*

Term 41. Interim Conflict of Interest Policy for Financial Assistance Policy

The DOE interim Conflict of Interest Policy for Financial Assistance (COI Policy) can be found at https://www.energy.gov/management/pf-2022-17-department-energy-interim-conflict-interest-policy-requirements-financial. This policy is applicable to all non-Federal entities applying for, or that receive, DOE funding by means of a financial assistance award (e.g., a grant, cooperative agreement, or technology investment agreement) and, through the implementation of this policy by the entity, to each Investigator who is planning to participate in, or is participating in, the project funded wholly or in part under the DOE financial assistance award.

Recipients must flow down the requirements of the interim COI Policy to any subrecipient non-Federal entities.

It is understood that non-Federal entities and individuals receiving DOE financial assistance awards will need sufficient time to come into full compliance with DOE's interim COI Policy. To provide some flexibility, EERE allows for a staggered implementation. Specifically, prior to award, the Recipient must ensure all Investigators complete their significant financial disclosures; review the disclosures; determine whether a FCOI exists; develop and implement a management plan for FCOIs; and provide DOE with an initial FCOI report that includes any unmanaged/ unmanageable FCOIs.

To further ease the administrative burden, EERE established a model conflict of interest policy that WIPO Recipients may adopt and implement. The Recipients has 180 days from the date of this Award to either adopt and implement the WIPO model conflict of interest policy or ensure its existing conflict of interest policy aligns with the requirements of the WIPO model COI policy. The WIPO model COI Policy is available upon request from the Contracting Officer.

Subpart D. Bipartisan Infrastructure Law (BIL)-specific requirements

Term 42. Recipient Notification of prospective BIL- specific requirements

The funding for this Award is made available under the BIL and is subject to the applicable requirements included in the BIL. Requirements for this Award are listed in the subsequent award terms, however the Recipient should be aware that additional terms and modifications may be included when the Award is modified with the incorporation of the Full Application. Additional terms that may be incorporated include, but are not limited to:

1. Publication of Information on the Internet
2. Certification and Registration
3. Whistleblowers and False Claims

Term 43. Reporting Tracking and Segregation of Incurred Costs

BIL funds may be used in conjunction with other funding, as necessary to complete projects, but tracking and reporting must be separate. The Recipient must keep separate records for BIL funds and must ensure those records comply with the requirements of the BIL.

Term 44. Buy American Requirements for Infrastructure Projects

A. Definitions

Infrastructure includes, at a minimum, the structures, facilities, and equipment for, in the United States:

- Roads, highways, and bridges;
- Public transportation;
- Dams, ports, harbors, and other maritime facilities;
- Intercity passenger and freight railroads;
- Freight and intermodal facilities;
- Airports;
- Water systems, including drinking water and wastewater systems;
- Electrical transmission facilities and systems;
- Utilities;
- Broadband infrastructure;
- Buildings and real property; and
- Facilities that generate, transport, and distribute energy.

Further, the "infrastructure" in question must either be publicly owned or serve a public function; privately owned infrastructure that is not open to the public, such as a personal residence, is not considered "infrastructure" for purposes of this requirement. In cases where the "public" nature of the infrastructure is unclear, the recipient is required to consult with the DOE Grants Officer who will render a determination.

Project means the construction, alteration, maintenance, or repair of infrastructure in the United States.

Construction Materials includes an article, material, or supply—other than an item of primarily iron or steel; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives—that is, or consists primarily of:

- Non-ferrous metals;
- Plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
- Glass (including optic glass);
- Lumber; or
- Drywall.

Domestic content procurement preference means and refers to the same thing as "Buy America Preference."

B. Buy America Preference

None of the funds provided under this award may be used for a project for infrastructure unless:

1. All iron and steel used in the project are produced in the United States—this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States;

2. All manufactured products used in the project are produced in the United States—this means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation; and

3. All construction materials are manufactured in the United States—this means that all manufacturing processes for the construction material occurred in the United States.

The Buy America Preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought into the construction site and removed at or before the completion of the infrastructure project. Nor does a Buy America Preference apply to equipment and furnishings, such as movable chairs, desks, and portable computer equipment, that are used at or within the finished infrastructure project but are not an integral part of the structure or permanently affixed to the infrastructure project.

C. Waivers

When necessary, recipients may apply for, and DOE may grant, a waiver from the Buy America Preference requirements. Requests to waive the application of the Buy America Preference must be in writing. Waiver requests are subject to public comment periods of no less than 15 days, as well as review by the Office of Management and Budget.
Waivers must be based on one of the following justifications:

1. Applying the Buy America Preference would be inconsistent with the public interest (Public Interest);
2. The types of iron, steel, manufactured products, or construction materials are not produced in the United States in sufficient and reasonably available quantities or of a satisfactory quality (Nonavailability); or

3. The inclusion of iron, steel, manufactured products, or construction materials produced in the United States will increase the cost of the overall project by more than 25 percent (Unreasonable Cost).

Requests to waive the Buy America Preference must include the following:

- Waiver type (Public Interest, Nonavailability, or Unreasonable Cost);
- Recipient name and Unique Entity Identifier (UEI);
- A detailed justification as to how the non-domestic item(s) is/are essential the project;
- A certification that the recipient made a good faith effort to solicit bids for domestic products supported by terms included in requests for proposals, contracts, and non-proprietary communications with potential suppliers;
- Total estimated project cost, with estimated Federal share and recipient cost share breakdowns;
- Total estimated infrastructure costs, with estimated Federal share and recipient cost share breakdowns;
- A brief description of the project, its location, and the specific infrastructure involved;
- List and description of iron or steel item(s), manufactured goods, and/or construction material(s) the recipient seeks to waive from the Buy America Preference, including name, cost, country(ies) of origin, and relevant PSC and NAICS codes for each;
- A justification statement—based on one of the applicable justifications outlined above—as to why the items in question cannot be procured domestically, including the due diligence performed (e.g., market research, industry outreach) by the recipient to attempt to avoid the need for a waiver. This justification may cite, if applicable, the absence of any Buy America-compliant bids received for domestic products in response to a solicitation; and
- Anticipated impact to the project if no waiver is issued.

DOE may request, and the recipient must provide, additional information for consideration of this wavier. The Agency's final determination regarding approval or rejection of the waiver request may not be appealed.

Term 45. Davis Bacon Requirements

This Award is funded under Division D of the Bipartisan Infrastructure Law (BIL). All laborers and mechanics employed by the Recipient, subrecipients, contractors or subcontractors in the performance of construction, alteration, or repair work in excess of $2000 on an Award funded directly by or assisted in whole or in part by funds made available under this Award shall be paid wages at rates not less than those prevailing on similar projects in the locality, as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code commonly referred to as the "Davis-Bacon Act" (DBA).

By accepting this Award, the Recipient acknowledges the DBA requirements for the Award and confirms that all of the laborers and mechanics performing construction, alteration, or repair work in excess of $2000 on projects funded directly by or assisted in whole or in part by and through funding under the Award are paid or will be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by Subchapter IV of Chapter 31 of Title 40, United States Code (Davis-Bacon Act).

The Recipient must comply with all of the Davis-Bacon Act requirements, including but not limited to:

(1) ensuring that the wage determination(s) and appropriate Davis-Bacon clauses and requirements are flowed down to and incorporated into any applicable subcontracts or subrecipient awards.

(2) being responsible for compliance by any subcontractor or subrecipient with the Davis-Bacon labor standards.

(3) receiving and reviewing certified weekly payrolls submitted by all subcontractors and subrecipients for accuracy and to identify potential compliance issues.

(4) maintaining original certified weekly payrolls for 3 years after the completion of the project and must make those payrolls available to the DOE or the Department of Labor upon request, as required by 29 CFR 5.6(a)(2).

(5) conducting payroll and job-site reviews for construction work, including interviews with employees, with such frequency as may be necessary to assure compliance by its subcontractors and subrecipients and as requested or directed by the DOE.

(6) cooperating with any authorized representative of the Department of Labor in their inspection of records, interviews with employees, and other actions undertaken as part of a Department of Labor investigation.

(7) posting in a prominent and accessible place the wage determination(s) and Department of Labor Publication: WH-1321, Notice to Employees Working on Federal or Federally Assisted Construction Projects.

(8) notifying the Contracting Officer of all labor standards issues, including all complaints regarding incorrect payment of prevailing wages and/or fringe benefits, received from the recipient, subrecipient, contractor, or subcontractor employees; significant labor standards violations, as defined in 29 CFR 5.7; disputes concerning labor standards pursuant to 29 CFR parts 4, 6, and 8 and as defined in FAR 52.222-14; disputed labor standards determinations; Department of Labor investigations; or legal or judicial proceedings related to the labor standards under this Contract, a subcontract, or subrecipient award.

(9) preparing and submitting to the Contracting Officer, the Office of Management and Budget Control Number 1910-5165, Davis Bacon Semi-Annual Labor Compliance Report, by April 21 and October 21 of each year. Form submittal will be administered through the iBenefits system (https://doeibenefits2.energy.gov) or its successor system.

The Recipient must undergo Davis-Bacon Act compliance training and must maintain competency in Davis-Bacon Act compliance. The Contracting Officer will notify the Recipient of any DOE sponsored Davis-Bacon Act compliance trainings. The U.S. Department of Labor ("DOL") offers free Prevailing Wage Seminars several times a year that meet this requirement, at https://www.dol.gov/agencies/whd/government-contracts/construction/seminars/events.

For additional guidance on how to comply with the Davis-Bacon provisions and clauses, see https://www.dol.gov/agencies/whd/government-contracts/construction and https://www.dol.gov/agencies/whd/government-contracts/protections-for-workers-in-construction .

State of Illinois
UNIFORM GRANT BUDGET TEMPLATE

This form is used to apply to individual State of Illinois discretionary grant programs. Applicants should submit budgets based upon the total estimated costs for the project including all funding sources. Pay attention to applicable program specific instructions, if attached. The applicant organization should refer to 2 CFR 200, "Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards" cited within these instructions.

You must consult with your Business Office prior to submitting this form for any award restrictions, limitations or requirements when filling out the narrative and Uniform Budget Template.

Section A – Budget Summary

STATE OF ILLINOIS FUNDS

All applicants must complete Section A and provide a break-down by the applicable budget categories shown in lines 1-17. Eligible applicants requesting funding for only one year should complete the column under " Year 1." Eligible applicants requesting funding for multi-year grants should complete all applicable columns. **Please read all instructions before completing form.**

STATE OF ILLINOIS GRANT FUNDS

Provide a total requested State of Illinois Grant amount for each year in the Revenue portion of Section A. The amount entered in Line (a) will equal the total amount budgeted on Line 18 of Section A.

BUDGET SUMMARY – STATE OF ILLINOIS FUNDS

All applicants must complete Section A and provide a break-down by the applicable budget categories shown in lines 1-17.

Line 18: Show the total budget request for each fiscal year for which funding is requested.

Please use detail worksheet and narrative section for further descriptions and explanations of budgetary line items.

Section A (continued) Indirect Cost Information: *(This information should be completed by the applicant's Business Office).* If the applicant is requesting reimbursement for indirect costs on line 17, the applicant's Business Office must select one of the options listed on the Indirect Cost Information page under Section-A Indirect Cost Information (1-4).

Option (1): The applicant has a Negotiated Indirect Cost Rate Agreement (NICRA) that was approved by the Federal government. A copy of this agreement must be provided to the State of Illinois' Indirect Cost Unit for review and documentation. This NICRA will be accepted by all State of Illinois Agencies up to any statutory, rule-based or programmatic restrictions or limitations. *If this option is selected by the applicant, basic information is required for completion of this section. See bottom of "Section-A Indirect Cost Information".*

NOTE: The applicant may not have a Federally Negotiated Indirect Cost Rate Agreement. Therefore, in order for the applicant to be reimbursed for Indirect Costs from the State of Illinois, the applicant must either:

A) Negotiate an Indirect Cost Rate with the State of Illinois' Indirect Cost Unit with guidance from our State Cognizant Agency on an annual basis.

B) Elect to use the de minimis rate of 10% modified total direct cost (MTDC) which may be used indefinitely on State of Illinois Awards.

C) Use a Restricted Rate designated by programmatic statutory policy. (See Notice of Funding Opportunity for Restricted Rate Programs).

Section A – Budget Summary (continued)

Option (2a): The applicant currently has a Negotiated Indirect Cost Rate Agreement with the State of Illinois that will be accepted by all State of Illinois Agencies up to any statutory, rule-based or programmatic restrictions or limitations. The applicant is required to submit a new Indirect Cost Rate Proposal to the Indirect Cost Unit within six (6) months after the close of each fiscal year (2 CFR 200 Appendix IV (C)(2)(c). ***Note****: If this option is selected by the applicant, basic information is required for completion of this section. See bottom of "Section-A Indirect Cost Information".*

Option (2b): The applicant currently does not have a Negotiated Indirect Cost Rate Agreement with the State of Illinois. The applicant must submit its initial Indirect Cost Rate Proposal (ICRP) immediately after the applicant is advised that the State award will be made and, in no event, later than three (3) months after the effective date of the State award (2 CFR 200 Appendix IV (C)(2)(b). The initial ICRP will be sent to the State of Illinois' Indirect Cost Unit. ***Note****: The applicant should check with the State of Illinois awarding Agency for information regarding reimbursement of indirect costs while its proposal is being negotiated.*

Option (3): The applicant elects to charge the de minimis rate of 10% modified total direct cost (MTDC) which may be used indefinitely on State of Illinois awards (2 CFR 200.414 (c)(4)(f) & (200.68). ***Note****: (The applicant must be eligible, see 2 CFR 200.414 (f), and submit documentation on the calculation of MTDC within your Budget Narrative under Indirect Costs.)*

Option (4): If you are applying for a grant under a Restricted Rate Program, indicate whether you are using a restricted indirect cost rate that is included on your approved Indirect Cost Rate Agreement, or whether you are using a restricted indirect cost rate that complies with statutory or programmatic policies. ***Note****: See Notice of State Award for Restricted Rate Programs.*

Section B – Budget Summary
NON-STATE OF ILLINOIS FUNDS

NON-STATE OF ILLINOIS FUNDS: If the applicant is required to provide or volunteers to provide cost-sharing or matching funds or other non-State of Illinois resources to the project, the applicant must provide a revenue breakdown of all Non-State of Illinois funds in lines (b)-(d). the total of "Non-State Funds" should equal the amount budgeted on Line 18 of Section B. If a match percentage is required, the amount should be entered in this section.

BUDGET SUMMARY – NON-STATE OF ILLINOIS FUNDS

If the applicant is required to provide or volunteers to provide cost-sharing or matching funds or other non-State of Illinois resources to the project, these costs should be shown for each applicable budget category on lines 1-17 of Section B.

Lines 1-17: For each project year, for which matching funds or other contributions are provided, show the total contribution for each applicable budget category.

Line 18: Show the total matching or other contribution for each fiscal year.

Please see detail worksheet and narrative section for further descriptions and explanations of budgetary line items.

State of Illinois
UNIFORM GRANT BUDGET TEMPLATE

Section C – Budget Worksheet & Narrative

[Attach separate sheet(s)]

Pay attention to applicable program specific instructions, if attached.

All applicants are required to submit a budget narrative along with Section A and Section B. The budget narrative is sometimes referred to as the budget justification. The narrative serves two purposes: it explains how the costs were estimated and it justifies the need for the cost. The narrative may include tables for clarification purposes. The State of Illinois recommends using the State of Illinois Uniform Budget Template worksheet and narrative guide provided.

1. Provide an itemized budget breakdown, and justification by project year, for each budget category listed in Sections A and B.

2. For non-State of Illinois funds or resources listed in Section B that are used to meet a cost-sharing or matching requirement or provided as a voluntary cost-sharing or matching commitment, you must include:

a. The specific costs or contributions by budget category;
b. The source of the costs or contributions; and
c. In the case of third-party in-kind contributions, a description of how the value was determined for the donated or contributed goods or services.

[Please review cost sharing and matching regulations found in 2 CFR 200.306.]

3. If applicable to this program, provide the rate and base on which fringe benefits are calculated.

4. If the applicant is requesting reimbursement for indirect costs on line 17, this information should be completed by the applicant's Business Office. Specify the estimated amount of the base to which the indirect cost rate is applied and the total indirect expense. Depending on the grant program to which the applicant is applying and/or the applicant's approved Indirect Cost Rate Agreement, some direct cost budget categories in the applicant's grant application budget may not be included in the base and multiplied by your indirect cost rate. Please indicate which costs are included and which costs are excluded from the base to which the indirect cost rate is applied.

5. Provide other explanations or comments you deem necessary.

Keep in mind the following—

Although the degree of specificity of any budget will vary depending on the nature of the project and State of Illinois agency requirements, a complete, well-thought-out budget serves to reinforce your credibility and increase the likelihood of your proposal being funded.

- A well-prepared budget should be reasonable and demonstrate that the funds being asked for will be used wisely.
- The budget should be as concrete and specific as possible in its estimates. Make every effort to be realistic, to estimate costs accurately.
- The budget format should be as clear as possible. It should begin with a budget narrative, which you should write after the entire budget has been prepared.
- Each section of the budget should be in outline form, listing line items under major headings and subheadings.
- Each of the major components should be subtotaled with a grand total at the end.

Your budget should justify all expenses and be consistent with the program narrative:

- Salaries should be comparable to those within the applicant organization.
- If new staff is being hired, additional space and equipment are considered, as necessary.
- If the budget lists an equipment purchase, it is the type allowed by the agency.
- If additional space is rented, the increase in insurance is supported.
- If an indirect cost rate applies to the proposal, the division between direct and indirect costs is not in conflict, and the aggregate budget totals refer directly to the approved formula. Indirect costs are costs that are not readily assignable to a particular project, but are necessary to the operation of the organization and the performance of the project (like the cost of operating and maintaining facilities, depreciation, and administrative salaries).

§200.308 Revision of budget and program plans

(e) The Federal/State awarding agency may, at its option, restrict the transfer of funds among direct cost categories or programs, functions and activities for Federal/State awards in which the Federal/State share of the project exceeds the Simplified Acquisition Threshold and the cumulative amount of such transfers exceeds or is expected to exceed 10 percent or $1,000 per detail line item, whichever is greater of the total budget as last approved by the Federal/State awarding agency. The Federal/State awarding agency cannot permit a transfer that would cause any Federal/State appropriation to be used for purposes other than those consistent with the appropriation.

State of Illinois
UNIFORM GRANT BUDGET TEMPLATE

State Agency: Illinois Environmental Protection Agency (IEPA)

Organization Name: City of Highland Park

Notice of Funding Opportunity (NOFO) Number: 24-3312-01

Data Universal Number System (DUNS)/Unique Entity Identifier (UEI) Number: UQMLM2TC1YF7

Catalog of State Financial Assistance (CSFA) Number: 532-30-3312

CSFA Short Description: Public Water Supply Energy Efficiency Grant Program

Fiscal Year: FY25

Section A: State of Illinois Funds

REVENUES			Total Revenue
State of Illinois Grant Requested		$	328,000.00
Budget Expenditure Categories	**OMB Uniform Guidance Federal Awards Reference 2 CFR 200**		**Total Expenditures**
1. Personnel (Salary and Wages)	200.430	$	
2. Fringe Benefits	200.431	$	
3. Travel	200.474	$	
4. Equipment	200.439	$	
5. Supplies	200.94	$	
6. Contractual Services and Subawards	200.318 & 200.92	$	42,000.00
7. Consultant (Professional Service)	200.459	$	88,000.00
8. Construction		$	198,000.00
9. Occupancy (Rent and Utilities)	200.465	$	
10. Research and Development (R&D)	200.87	$	
11. Telecommunications		$	
12. Training and Education	200.472	$	
13. Direct Administrative Costs	200.413 (c)	$	
14. Miscellaneous Costs		$	
15. A. Grant Exclusive Line Item(s)		$	
15. B. Grant Exclusive Line Item(s)			
16. Total Direct Costs (add lines 1-15)	200.413	$	328,000.00
17. Total Indirect Costs	200.414	$	
Rate %:			
Base:			
18. Total Costs State Grant Funds (Lines 16 and 17) **MUST EQUAL REVENUE TOTALS ABOVE**		$	328,000.00

Instructions found at end of document.

State of Illinois
UNIFORM GRANT BUDGET TEMPLATE

Organization Name: City of Highland Park NOFO Number: 24-3312-01

SECTION A - Continued - Indirect Cost Rate Information

If your organization is requesting reimbursement for indirect costs on line 17 of the Budget Summary, please select one of the following options

☐ 1. Our Organization receives direct Federal funding and currently has a Negotiated Indirect Cost Rate Agreement (NICRA) with our Federal Cognizant Agency. A copy of this agreement will be provided to the State of Illinois' Indirect Cost Unit for review and documentation before reimbursement is allowed. This NICRA will be accepted by all State of Illinois agencies up to any statutory, rule-based or programmatic restrictions or limitations. **NOTE: (If this option is selected, please, provide basic Negotiated Indirect Cost Rate Agreement in area designated below.)**

Your organization may not have a Federally Negotiated Cost Rate Agreement. Therefore, in order for your organization to be reimbursed for the Indirect Costs from the State of Illinois your organization must either:

a. Negotiate an Indirect Cost Rate with the State of Illinois' Indirect Cost Unit with guidance from your State Cognizant Agency on an annual basis;
b. Elect to use the de minimis rate of 10% modified for total direct costs (MTDC) which may be used indefinitely on State of Illinois awards; or
c. Use a Restricted Rate designated by programmatic or statutory policy (see Notice of Funding Opportunity for Restricted Rate Programs).

☐ 2a. Our Organizations currently has a Negotiated Indirect Cost Rate Agreement (NICRA) with the State of Illinois that will be accepted by all State of Illinois agencies up to any statutory, rule-based or programmatic restrictions or limitations. Our Organization is required to submit a new Indirect Cost Rate Proposal to the Indirect Cost Unit within 6 months after the close of each fiscal year [2 CFR 200, Appendix IV(C)(2)(c)]. **NOTE: (If this option is selected, please provide basic Indirect Cost Rate information in area designated below.)**

☐ 2b. Our Organization currently does not have a Negotiated Indirect Cost Rate Agreement (NICRA) with the State of Illinois. Our organization will submit our initial Indirect Cost Rate Proposal (ICRP) immediately after our Organization is advised that the State award will be made no later than three (3) months after the effective date of the State award [2 CFR 200 Appendix (C)(2)(b)]. The initial ICRP will be sent to the State of Illinois Indirect Cost unit. **Note: (Check with you State of Illinois Agency for information regarding reimbursement of indirect costs while your proposal is being negotiated.)**

☐ 3. Our Organization has never received a Negotiated Indirect Cost Rate Agreement from either the Federal government or the State or Illinois and elects to charge the de minimis rate of 10% modified total direct cost (MTDC) which may be used indefinitely on State of Illinois awards [2 CFR 200.414 (C)(4)(f) and 200.68.] **[Note: Your Organization must be eligible, see 2 CFR 200.414 (f), and submit documentation on the calculation of MTDC within your Budget Narrative under Indirect Costs.]**

☐ 4. For Restricted Rate Programs, our Organization is using a restricted indirect cost rate that:

☐ is included as a "Special Indirect Cost Rate" in the NICRA, pursuant to 2 CFR 200 Appendix IV(5); or

☐ complies with other statutory policies.

The Restricted Indirect Cost Rate is: _____ %

☒ 5. No reimbursement of Indirect Cost is being requested. (Please consult your program office regarding possible match requirements.)

Basic Negotiated Indirect Cost Rate Information (Use only if option 1 or 2(a), above is selected.)

Period Covered by NICRA: From: _____ To: _____ Approving Federal or State Agency: _____

Indirect Cost Rate: _____ % The Distribution Base Is: _____

State of Illinois
UNIFORM GRANT BUDGET TEMPLATE

Organization Name: City of Highland Park NOFO Number: 24-3312-01

Section B: Non-State of Illinois Funds Fiscal Year: FY25

REVENUES			**Total Revenue**
Grantee Match Requirement %: 20	(Agency to Populate)		
b) Cash		$	82,000.00
c) Non-Cash		$	
d) other Funding and Contributions		$	
Total Non-State Funds (lined b through d)		$	82,000.00

Budget Expenditure Categories	**OMB Uniform Guidance Federal Awards Reference 2 CFR 200**		**Total Expenditures**
1. Personnel (Salaries and Wages)	200.430	$	
2. Fringe Benefits	200.431	$	
3. Travel	200.474	$	
4. Equipment	200.439	$	
5. Supplies	200.94	$	
6. Contractual Services and Subawards	200.318 & 200.92	$	10,500.00
7. Consultant (Professional Services)	200.459	$	22,000.00
8. Construction		$	49,500.00
9. Occupancy (Rent and Utilities)	200.465	$	
10. Research and Development (R&D(	200.87	$	
11. Telecommunications		$	
12. Training and Education	200.472	$	
13. Direct Administrative Costs	200.413 (c)	$	
14. Miscellaneous Costs		$	
15. A. Grant Exclusive Line Item(s)		$	
15. B. Grant Exclusive Line Item(s)		$	
16. Total Direct Costs (add lines 1-15)	200.413	$	82,000.00
17. Total indirect Costs	200.414	$	
Rate %:			
Base:			
18. Total Costs State Grant Funds (Lines 16 and 17) **MUST EQUAL REVENUE TOTALS ABOVE**		$	82,000.00

State of Illinois
UNIFORM GRANT BUDGET TEMPLATE

Organization Name: City of Highland Park
NOFO Number: 24-3312-01
Data Universal Number System (DUNS)/UEI Number : UQMLM2TC1YF7
Fiscal Year: FY25
Catalog of State Financial Assistance (CSFA) Number: 532-30-3312
CSFA Short Description: Public Water Supply Energy Efficiency Grant Program

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete and accurate and that any false, fictitious or fraudulent information or the omission of any material fact could result in the immediate termination of my grant award(s).

City of Highland Park	City of Highland Park
Institution/Organization Name:	Institution/Organization Name:
Finance Director	City Manager
Title (Chief Financial Officer or equivalent):	Title (Executive Director or equivalent):
Julie Logan	Ghida S. Neukirch
Printed Name (Chief Financial Officer or equivalent):	Printed Name (Executive Director or equivalent):
Julie Logan Digitally signed by Julie Logan Date: 2024.06.18 11:10:57 -05'00'	Ghida S Neukirch Digitally signed by Ghida S Neukirch Date: 2024.06.18 14:31:48 -05'00'
Signature (Chief Financial Officer or equivalent):	Signature (Executive Director or equivalent):
6.18.2024	18 June 2024
Date of Execution (Chief Financial Officer):	Date of Execution (Executive Director):

Note: The State Awarding Agency may change required signers based on the grantee's organizational structure. The required signers must have the authority to enter onto contractual agreements on the behalf of the organization.

State of Illinois
UNIFORM GRANT BUDGET TEMPLATE

FFATA Data Collection Form (if needed by agency)

Under FFATA, all sub-recipients who receive $30,000 or more must provide the following information for federal reporting. Please fill out the following form accurately and completely.

4-digit extension if applicable:			
Sub-recipient DUNS/UEI: UQMLM2TC1YF7		Sub-recipient Parent Company DUNS/UEI:	
Sub-recipient Name: City of Highland Park			
Sub-recipient DBA Name:			
Sub-recipient Street Address: 1707 St. Johns Avenue			
City: Highland Park	State: Illinois	Zip-Code: 60035	Congressional District: 10th District
Sub-recipient Principal Place of Performance:			
City:	State:	Zip-Code:	Congressional District:
Contract Number (if known):	Award Amount: $328,000.00	Project Period: From: July 1, 2024	Project Period: To: January 31, 2025
State of Illinois Awarding Agency and Project Detail Description: Water treatment plant energy efficiency improvements.			

Under certain circumstances, sub-recipient must provide names and total compensation of its top 5 highly compensated officials. Please answer the following questions and follow the instructions.

Q1. In your business or organization's previous fiscal year, did your business or organization (including parent organization, all branches and affiliates worldwide) receive (1) 80% or more of your annual gross revenues in U.S. federal contracts, subcontracts, loans, grants, subgrants and/or cooperative agreements and (2) $25,000,000 or more in annual gross revenue from U.S. federal contracts, subcontracts, loans, grants, subgrants and/or cooperative agreements?

Yes ☐ If Yes, must answer Q2 below. No ☒ If No, you are not required to provide data.

Q2. Does the public have access to information about the compensation of the senior executives in your business or organization (including parent organization, all branches and all affiliates worldwide) through periodic reports filed under section 13(a) or 15(d) of the Security Exchange Act of 1934 (5 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue code of 1986 (i.e., on IRS Form 990)?

Yes ☒ No ☐ If No, you must provide the data. Please fill out the rest of this form.

Please provide names and total compensation of the top five officials:

Name:	Amount:
Name:	Amount:
Name:	Amount:
Name:	Amount:
Name:	Amount:

1). Personnel (Salaries and Wages) (*2 CFR 200.430*)

List each position by title and name of employee, if available. Show the annual salary rate and the percentage of time to be devoted to the project and length of time working on the project . Compensation paid for employees engaged in grant activities must be consistent with that paid for similar work within the applicant organization. Include a description of the responsibilities and duties of each position in relationship to fulfilling the project goals and objectives in the narrative space provided below. Also, provide a justification and description of each position (including vacant positions). Relate each position specifically to program objectives. Personnel cannot exceed 100% of their time on all active projects.

Name	Position	Salary or Wage	Basis (Yr./Mo./Hr.)	% of Time	Length of Time	Personnel Cost	Add/Delete Row
				%			Add Delete
					State Total		
				%			Add Delete
					NON-State Total		
					Total Personnel		
Personnel Narrative (State):							
Personnel Narrative (Non-State): (i.e. "Match" or "Other Funding")							

2). Fringe Benefits *(2 CFR 200.431)*

Fringe benefits should be based on actual known costs or an established formula. Fringe benefits are for the personnel listed in category (1) direct salaries and wages, and only for the percentage of time devoted to the project. Provide the fringe benefit rate used and a clear description of how the computation of fringe benefits was done. Provide both the annual (for multiyear awards) and total. If a fringe benefit rate is not used, show how the fringe benefits were computed for each position. The budget justification should be reflected in the budget description. Elements that comprise fringe benefits should be indicated.

Name	Position(s)	Base	Rate (%)	Fringe Benefit Cost	Add/Delete Rows
			%		Add Delete
			State Total		
			%		Add Delete
			Non-State Total		
			Total Fringe Benefits		

Fringe Benefits Narrative (State):

Fringe Benefits Narrative (Non-State): (i.e. "Match" or "Other Funding")

3). Travel *(2 CFR 200.474)*

Travel should include: origin and destination, estimated costs and type of transportation, number of travelers, related lodging and per diem costs, brief description of the travel involved, its purpose, and explanation of how the proposed travel is necessary for successful completion of the project. In training projects, travel and meals for trainees should be listed separately. Show the number of trainees and unit cost involved. Identify the location of travel, if known; or if unknown, indicate "location to be determined." Indicate source of Travel Policies applied, Applicant or State of Illinois Travel Regulations. NOTE: Dollars requested in the travel category should be for staff travel only. Travel for consultants should be shown in the consultant category along with the consultant's fee. Travel for training participants, advisory committees, review panels and etc., should be itemized the same way as indicated above and placed in the "Miscellaneous" category.

Purpose of Travel/Items	Location	Cost Rate	Basis	Quantity	Number of Trips	Travel Cost	Add/Delete Row
							Add Delete
					State Total		
							Add Delete
					NON-State Total		
					Total Travel		

Travel Narrative (State):
Travel Narrative (Non-State): (i.e..e "Match" of "Other Funding)

4). Equipment *(2 CFR 200.439)*

Provide justification for the use of each item and relate them to specific program objectives. Provide both the annual (for multiyear awards) and total for equipment. Equipment is defined as an article of tangible personal property that has a useful life of more than one year and a per-unit acquisition cost which equals or exceeds the lesser of the capitalization level established by the non-Federal entity for financial statement purposes, or $5,000. An applicant organization may classify equipment at a lower dollar value but cannot classify it higher than $5,000. (Note: Organization's own capitalization policy for classification of equipment can be used). Applicants should analyze the cost benefits of purchasing versus leasing equipment, especially high cost items and those subject to rapid technical advances. Rented or leased equipment costs should be listed in the "Contractual" category. Explain how the equipment is necessary for the success of the project. Attach a narrative describing the procurement method to be used.

Item	Quantity	Cost Per Item	Equipment Cost	Add/Delete Rows
				Add / Delete
State Total				
				Add / Delete
Non-State Total				
Total Equipment				

Equipment Narrative (State):

Equipment Narrative (Non-State): (i.e. "Match" or "Other Funding")

5). Supplies *(2 CFR 200.94)*

List items by type (office supplies, postage, training materials, copying paper, and other expendable items such as books, hand held tape recorders) and show the basis for computation. Generally, supplies include any materials that are expendable or consumed during the course of the project.

Item	Quantity/Duration	Cost Per Item	Supplies Cost	Add/Delete Rows
				Add / Delete
		State Total		
				Add / Delete
		Non-State Total		
		Total Supplies		

Supplies Narrative (State):

Supplies Narrative (Non-State): (i.e. "Match" or "Other Funding")

6). Contractual Services *(2 CFR 200.318)* & **Subawards** *(200.92)*

Provide a description of the product or service to be procured by contract and an estimate of the cost. Applicants are encouraged to promote free and open competition in awarding contracts. A separate justification must be provided for sole contracts in excess of $150,000 (See 2 CFR 200.88). NOTE : this budget category may include **subawards.** Provide separate budgets for each subaward or contract, regardless of the dollar value and indicate the basis for the cost estimates in the narrative. Describe products or services to be obtained and indicate the applicability or necessity of each to the project.

Please also note the differences between subaward, contract, and contractor (vendor):

1) Subaward (200.92) means an award provided by a pass-through entity to a sub-recipient for the sub-recipient to carry out part of a Federal/State award, including a portion of the scope of work or objectives. It does not include payments to a contractor or payments to an individual that is a beneficiary of a Federal/State program.
2) Contract (200.22) means a legal instrument by which a non-Federal entity purchases property or services needed to carry out the project or program under a Federal award. The term as used in this part does not include a legal instrument, even if the non-Federal entity considers it a contract, when the substance of the transaction meets the definition of a Federal award or subaward.
3) "Vendor" or "Contractor" is generally a dealer, distributor or other seller that provides supplies, expendable materials, or data processing services in support of the project activities.

Item	Contractual Services Cost	Add/Delete Rows
Professional Services	$42,000.00	Add Delete
State Total	$42,000.00	
Additional Professional Services	$10,500.00	Add Delete
Non-State Total	$10,500.00	
Total Contractual Services	$52,500.00	

Contractual Services Narrative (State):
Amount represents approximately 15% of the project to adjust for conditions discovered during design and construction of the project. Additional legal and financial professional services are included for the City to establish a fully funded contract with general construction contractor prior to Notice to Proceed.

Contractual Services Narrative (Non-State): (i.e. "Match" or "Other Funding")

Match

7). Consultant Services and Expenses *(2 CFR 200.459)*

Consultant Services (Fees): For each consultant enter the name, if known, service to be provided, hourly or daily fee (8-hour day), and estimated time on the project. **Consultant Expenses:** List all expenses to be paid from the grant to the individual consultant in addition to their fees (i.e., travel, meals, lodging, etc.) Consultant--Indicate whether applicant's formal, written Procurement Policy or the Federal Acquisitions Policy is used.

Consultant Services (Fees)	Services Provided	Fee	Basis	Quantity	Consultant Services (Fee) Cost	Add/Delete Row
Strand Associates	General Services	$40,000.00	Lump Sum	1	$40,000.00	Add Delete
Strand Associates	Engineering Services	$48,000.00	Lump Sum	1	$48,000.00	Add Delete
				State Total	$88,000.00	
Strand Associates, Inc.	General Services	$10,000.00	Lump Sum	1	$10,000.00	Add Delete
Strand Associates, Inc.	Engineering Services	$12,000.00	Lump Sum	1	$12,000.00	Add Delete
				NON-State Total	$22,000.00	
				Total Consultant Services (Fees)	$110,000.00	

Consultant Services Narrative (State):
City has procured General Water Treatment Plant Services from firm as well as engineering services through current General Water Treatment Plant Engineering Services Agreement.

Consultant Services Narrative (Non-State):
Match

Consultant Expenses - Items	Location	Cost Rate	Basis	Quantity	Number of Trips	Consultant Expenses Cost	Add/Delete Row
							Add Delete
					State Total		
							Add Delete
					NON-State Total		
					Total Consultant Expenses		

7). Consultant Services and Expenses *(2 CFR 200.459)*

Consultant Expenses Narrative (State):
Consultant Expenses Narrative (Non-State): (i.e. "Match" or "Other Funding")

8). Construction

Provide a description of the construction project and an estimate of the costs. As a rule, construction costs are not allowable unless with prior written approval. In some cases, minor repairs or renovations may be allowable. Consult with the program office before budgeting funds in this category. Estimated construction costs must be supported by documentation including drawings and estimates, formal bids, etc. As with all other costs, follow the specific requirements of the program, the terms and conditions of the award, and applicable regulations.

Purpose	Description of Work	Construction Cost	Add/Delete Rows
General Contractor		$198,000.00	Add Delete
	State Total	$198,000.00	
General Contractor		$49,500.00	Add Delete
	Non-State Total	$49,500.00	
	Total Construction	$247,500.00	

Construction Narrative (State):
Contractor will be responsible for furnishing and installing energy improvements to the Water Treatment Plant as outlined in the Energy Efficiency Report. Proposed projects include high-lift pump optimization, lighting and controls upgrades, and ventilation fan controls. Drawings and Bid Package to be designed in 2024 for public bidding.

Construction Narrative (Non-State): (i.e. "Match" or "Other Funding")

Match

9). Occupancy - Rent and Utilities *(2 CFR 200.465)*

List items and descriptions by major type and the basis of the computation. Explain how rental and utility expenses are allocated for distribution as an expense to the program/service. For example, provide the square footage and the cost per square foot rent and utility, and provide a monthly rental and utility cost and how many months to rent. **NOTE**: This budgetary line item is to be used for direct program rent and utilities, all other indirect or administrative occupancy costs should be listed in the indirect expense section of the Budget worksheet and narrative. Maintenance and repair costs may be included here if directly allocated to program.

Description	Quantity	Basis	Cost	Length of Time	Occupancy Cost	Add/Delete Row
						Add Delete
				State Total		
						Add Delete
				NON-State Total		
				Total Occupancy - Rent and Utilities		

Occupancy - Rent and Utilities Narrative (State):
Occupancy - Rent and Utilities Narrative (Non-State): (i.e. "Match" or "Other Funding")

10). Research & Development (R&D) *(2 CFR 200.87)*

Definition: All research activities, both basic and applied, and all development activities that are performed by non-Federal entities directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes. Provide a description of the research and development project and an estimate of the costs. Consult with the program office before budgeting funds in this category.

Purpose	Description of Work	Research and Development Cost	Add/Delete Rows
			Add Delete
State Total			
			Add Delete
Non-State Total			
Total Research and Development			

Research and Development Narrative (State):
Research and Development Narrative (Non-State): (i.e. "Match" or "Other Funding")

11). Telecommunications

List items and descriptions by major type and the basis of the computation. Explain how telecommunication expenses are allocated for distribution as an expense to the program/service. NOTE: This budgetary line item is to be used for direct program telecommunications, all other indirect or administrative telecommunication costs should be listed in the indirect expense section of the Budget worksheet and narrative.

Description	Quantity	Basis	Cost	Length of Time	Telecommunications Cost	Add/Delete Row
						Add Delete
				State Total		
						Add Delete
				NON-State Total		
				Total Telecommunications		

Telecommunications Narrative (State):
Telecommunications Narrative (Non-State): (i.e. "Match" or "Other Funding")

12). Training and Education *(2 CFR 200.472)*

Describe the training and education cost associated with employee development. Include rental space for training (if required), training materials, speaker fees, substitute teacher fees, and any other applicable expenses related to the training. When training materials (pamphlets, notebooks, videos, and other various handouts) are ordered for specific training activities, these items should be itemized below.

Description	Quantity	Basis	Cost	Length of Time	Training and Education Cost	Add/Delete Row
						Add Delete
				State Total		
						Add Delete
				NON-State Total		
				Total Training and Education		

Training and Education Narrative (State):
Training and Education Narrative (Non-State): (i.e. "Match" or "Other Funding")

13). Direct Administrative Costs *(2 CFR 200.413 (c))*

The salaries of administrative and clerical staff should normally be treated as indirect (F&A) costs. Direct charging of these costs may be appropriate only if all of the following conditions are met: (1) Administrative or clerical services are integral to a project or activity; (2) Individuals involved can be specifically identified with the project or activity; (3) Such costs are explicitly included in the budget or have the prior written approval of the State awarding agency; and (4) The costs are not also recovered as indirect costs.

Name	Position	Salary or Wage	Basis (Yr./Mo./Hr.)	% of Time	Length of Time	Direct Administrative Cost	Add/Delete Row
				%			Add / Delete
					State Total		
				%			Add / Delete
					NON-State Total		
					Total Direct Administrative Costs		

Direct Administrative Costs Narrative (State):

Direct Administrative Costs Narrative (Non-State): (i.e. "Match" or "Other Funding")

14). Other or Miscellaneous Costs

This category contains items not included in the previous categories. List items by type of material or nature of expense, break down costs by quantity and cost per unit if applicable, state the necessity of other costs for successful completion of the project and exclude unallowable costs (e.g.. Printing, Memberships & subscriptions, recruiting costs, etc.)

Description	Quantity	Basis	Cost	Length of Time	Other or Miscellaneous Cost	Add/Delete Row
						Add Delete
				State Total		
						Add Delete
				NON-State Total		
				Total Other or Miscellaneous Costs		

Other or Miscellaneous Costs Narrative (State):
Other or Miscellaneous Costs Narrative (Non-State): (i.e. "Match" or "Other Funding")

15). GRANT EXCLUSIVE LINE ITEM

Grant Exclusive Line Item Description: _____

Costs directly related to the service or activity of the program that is an integral line item for budgetary purposes. To use this budgetary line item, an applicant must have Program approval. (Please cite reference per statute for unique costs directly related to the service or activity of the program). (Note: Use columns within table as needed for the item being reported. Leave blank those columns that are not applicable. This table does NOT auto-calculate each line. You must enter the line totals. The table will auto-calculate the State, Non-State, and Total Grant Exclusive Line Item amounts based on your line entries. The State, Non-State and Total Grant Exclusive Line Item amounts will NOT carry forward to the Budget Narrative Summary table. You will have to enter the State and Non-State Totals for ALL Grant Exclusive Line Items in the Budget Narrative Summary table. Use the "Add New Grant Exclusive Line Item" button below to add additional tables as needed.)

Description	Quantity	Basis	Cost	Length of Time	Grant Exclusive Line Item Cost	Add/Delete Row
						Add / Delete
				State Total		
						Add / Delete
				NON-State Total		
				Total Grant Exclusive Line Item		

Grant Exclusive Line Item Narrative (State):

Grant Exclusive Line Item Narrative (Non-State): (i.e. "Match" or "Other Funding")

Add New Grant Exclusive Line Item | Delete Grant Exclusive Line Item

16). Indirect Cost *(2 CFR 200.414)*

Provide the most recent indirect cost rate agreement information with the itemized budget. The applicable indirect cost rate(s) negotiated by the organization with the cognizant negotiating agency must be used in computing indirect costs (F&A) for a program budget. The amount for indirect costs should be calculated by applying the current negotiated indirect cost rate(s) to the approved base(s). After the amount of indirect costs is determined for the program, a breakdown of the indirect costs should be provided in the budget worksheet and narrative below.

Description	Base	Rate	Indirect Cost	Add/Delete Rows
				Add / Delete
State Total				
				Add / Delete
Non-State Total				
Total Indirect Costs				

Indirect Costs Narrative (State):
Indirect Costs Narrative (Non-State):

State of Illinois
UNIFORM GRANT BUDGET TEMPLATE

Budget Narrative Summary--When you have completed the budget worksheet, transfer the totals for each category to the spaces below to the uniform template provided (SECTION A & B). Verify the total costs and the total project costs. Indicate the amount of State requested funds and the amount of non-State funds that will support the project.. (Note: The State, Non-State, and Total cost amounts for each line item below are auto-filled based upon the entries in the preceding budget tables 1-14 and 16. The State and Non-State Total amounts from Table 15 above, Grant Exclusive Line Item(s), must be entered into this table by hand due to the possibility of there being more than one Grant Exclusive Line Item table. Once the Grant Exclusive Line Item(s) amounts are entered into this table, the State Request amount, Non-State Amount and the Total Project Costs will be calculated automatically. It is imperative that the summary tables be completed accurately for the Budget Narrative Summary to be accurate.)

Budget Category	State	Non-State	Total
1. Personnel			
2. Fringe Benefits			
3. Travel			
4. Equipment			
5. Supplies			
6. Contractual Services	$42,000.00	$10,500.00	$52,500.00
7. Consultant (Professional Services)	$88,000.00	$22,000.00	$110,000.00
8. Construction	$198,000.00	$49,500.00	$247,500.00
9. Occupancy (Rent and Utilities)			
10. Research and Development (R & D)			
11. Telecommunications			
12. Training and Education			
13. Direct Administrative Costs			
14. Other or Miscellaneous Costs			
15. GRANT EXCLUSIVE LINE ITEM(S)			
16. Indirect Costs			
State Request	$328,000.00		
Non-State Amount		$82,000.00	
TOTAL PROJECT COSTS			$410,000.00

State of Illinois
UNIFORM GRANT BUDGET TEMPLATE

For State Use Only

Grantee: City of Highland Park

Notice of Funding Opportunity (NOFO) Number: 24-3312-01

Data Universal Number System (DUNS)/UEI Number : UQMLM2TC1YF7

Catalog of State Financial Assistance (CSFA) Number: 532-30-3312

CSFA Short Description: Public Water Supply Energy Efficiency Grant Program

Fiscal Year(s):

Initial Budget Request Amount:

Prior Written Approval for Expense Line Item:

Statutory Limits or Restrictions:

Checklist:

Final Budget Amount Approved: $328,000.00

Adena Rivas	Adena Rivas Digitally signed by Adena Rivas Date: 2024.06.18 16:15:32 -05'00'	June 18, 2024
Program Approval Name	Program Approval Signature	Date
Max Paller	Max Paller Digitally signed by Max Paller Date: 2024.06.21 14:15:27 -05'00'	June 21, 2024
Fiscal & Administrative Approval Name	Fiscal & Administrative Approval Signature	Date

Budget Revision Approved:

Program Approval Name	Program Approval Signature	Date
Fiscal & Administrative Approval Signature	Fiscal & Administrative Approval Signature	Date

§200.308 Revision of budget and program plans

(e) The Federal/State awarding agency may, at its option, restrict the transfer of funds among direct cost categories or programs, functions and activities for Federal/State awards in which the Federal/State share of the project exceeds the Simplified Acquisition Threshold and the cumulative amount of such transfers exceeds or is expected to exceed 10 percent or $1,000 per detail line item, whichever is greater of the total budget as last approved by the Federal/State awarding agency. The Federal/State awarding agency cannot permit a transfer that would cause any Federal/State appropriation to be used for purposes other than those consistent with the appropriation.

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Anna Stawski, City Engineer

Department: Public Works Department

Title: A Resolution Approving the Award of the Sheridan Utility Improvements (Edgecliff to North End) Project Contract to Martam Construction, Inc. of Elgin, Illinois.

Recommendation:

City Staff recommends approval of the Sheridan Utility Improvements (Edgecliff to North End) Project contract with Martam Construction, Inc. of Elgin, Illinois in the not to exceed amount of $2,897,036.24.

Policy Consideration:

The Sheridan Road Utility project limits are on Sheridan Road from Edgecliff Drive to the north end, where the pavement ends. Currently, the street has no water or sanitary sewer utilities, and very little storm sewer utilities, requiring the homes to be connected to the underground infrastructure on Oak Street and Edgecliff Drive. The scope of work includes the installation of new water main, storm sewer, and sanitary sewer on the street. New water, storm, and sanitary service lines are called for to tie the existing homes into the new mains. The new storm sewer will address drainage issues along this section of Sheridan Road. The pavement will be reconstructed with new full-depth asphalt pavement and new concrete curbs. The concrete curbs will direct stormwater run-off into drainage structures and eventually into the new storm sewer. Other improvements include minor parkway restoration with topsoil and sod.

The City received three (3) competitive bids on March 19, 2026 (see attached bid tabulation). Upon review of the bids, Martam Construction, Inc. provided the lowest responsible bid, totaling $2,586,693.50. The not-to-exceed cost of $2,897,036.24 includes a 12% contingency to account for any unforeseen issues that may arise during this extensive project. This project was bid in FY2025 and received no response bids. The engineering design firm for this project, Ciorba Group, Inc., also reviewed the bid submittals and recommends awarding Martam Construction, Inc. Please see the attached letter. Ciorba Group will also perform the construction engineering services for this project.

Regular updates on FY 2026 public infrastructure CIP projects are posted on the City's website, www.cityhpil.com/construction.

City staff will continue to promote the City's infrastructure investment pertaining to this project via its e-news and use social media, as necessary. Communication tools in addition to traditional messaging: US MAIL, door hangers, and message boards. Public improvement signage shall be placed on streets. The contract requires traffic control protection measures to be placed during repair hours.

The project is scheduled to begin in early summer 2026 with an anticipated completion by late August. Public Works Engineering Division staff will provide daily inspection services for this program. Pertinent documents are available for review at the Department of Public Works, 1150 Half Day Road.

Core Priorities:

Fiscal Stability

Sufficient funds in the Street, Water, Storm Sewer, and Sanitary Sewer funds are available to fund the Sheridan Utility Improvements (Edgecliff to North End) Project.

Infrastructure Investment

The installation of new utilities on this section of street that has not previously had them improves stormwater management, drinking water delivery, and eliminates several potential service issues related to private services in backyards.

Attachments:

1. Resolution - Sheridan Improvements
2. City of Highland Park-Sheridan Road-Edgecliff to North End-Bid Analysis_
3. BT Sheridan Imp
4. '26 Sheridan - Martam

CITY OF HIGHLAND PARK

RESOLUTION NO. _____

A RESOLUTION APPROVING AWARD OF THE 2026 SHERIDAN UTILITY IMPROVEMENTS (EDGECLIFF TO NORTH END) PROJECT CONTRACT TO MARTAM CONSTRUCTION, INC. OF ELGIN, ILLINOIS

WHEREAS, the City sought bids for the award of the 2026 Sheridan Utility Improvements (Edgecliff to North End) Project Contract (**"Contract"**), to include a new water main, storm and sanitary sewer, asphalt pavement, concrete curbs, and other restoration improvements: and

WHEREAS, Martam Construction, Inc. of Elgin, Illinois (***"Martam"***), was the low responsible bidder of the firms that submitted bid packages to the City; and

WHEREAS, the City Council has determined that it will serve and be in the best interest of the City to enter into the Contractor with Martam;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: AUTHORIZATION OF CONTRACT. The Contract by and between the City and Martam shall be, and is hereby, authorized in substantially the form attached to this Resolution.

SECTION THREE: EXECUTION OF CONTRACT. The City Manager and the Deputy City Clerk shall be, and they are hereby, authorized and directed to execute and attest, on behalf of the City, the Contract upon receipt by the City Clerk of at least one original copy of the Contract executed by Martam; provided, however, that if the executed copy of the Contract is not received by the City Clerk within 60 days after the effective date of this Resolution, then this authority to execute and attest shall, at the option of the City Council, be null and void.

SECTION FOUR: EFFECTIVE DATE. This Resolution shall be in full force and effect upon its passage and approval by a majority of the members of the City Council.

ADOPTED

AYES:

ADOPTED:

RESOLUTION NO.

_____

Nancy R. Rotering, Mayor

ATTEST:

Ghida S. Neukirch, City Clerk

CiorbaGroup
CONSULTING ENGINEERS

March 23, 2026

Anna Stawski, PE
City Engineer
City of Highland Park Public Works Department
1150 Half Day Road
Highland Park, IL 60035

Subject: Sheridan Road-Edgecliff to North End: Bid Analysis

Dear Ms. Stawski,

The bid tabulations for the Sheridan Road-Edgecliff to North End project for the City of Highland Park have been reviewed.

Martam's bid was the lowest of three bidders. The total sum of their bid was $510,260.17 below the average total bid and $350,832.25 above the Engineer's estimate. Martam's bid consisted primarily of acceptable unit prices within acceptable ranges of the average/ mean bid prices and engineers estimates.

Several Items (below) were above the Engineers estimate; however, were within acceptable ranges of the average/mean bid prices.

Code Number	Item	Unit of Measurement	Quantity	Unit Price	Total Cost
BASE BID					
25000300	SEEDING, CLASS 3	ACRE	0.02	$ 93,500.00	$ 1,870.00
56106700	ADJUSTING WATER MAIN 16"	FOOT	12	$ 3,407.00	$ 40,884.00
60603800	COMBINATION CONCRETE CURB ANDGUTTER, TYPE B-6.12	FOOT	1200	$ 50.00	$ 60,000.00
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	$ 2,133.00	$ 4,266.00
63200310	GUARDRAIL REMOVAL	FOOT	28	$ 88.00	$ 2,464.00
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	35	$ 18.00	$ 630.00
78300202	PAVEMENT MARKING REMOVAL - WATERBLASTING	SQ FT	47	$ 110.00	$ 5,170.00
Z0056604	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	82	$ 191.00	$ 15,662.00
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	$227,291.00	$ 227,291.00
HP-105-01	AS-BUILT DRAWINGS	L SUM	1	$ 6,490.00	$ 6,490.00
HP-403-01	BITUMINOUS MATERIALS (TACK COAT)	POUND	307	$ 4.00	$ 1,228.00
HP-562-01	SADDLE TAP 1-1/2"	EACH	8	$ 4,261.00	$ 34,088.00
HP-562-02	WATER SERVICE LINE, COPPERREPLACEMENT, 1-1/2"	FOOT	971	$ 156.00	$ 151,476.00
HP-562-04	LEAD WATER SERVICE REPLACEMENT	EACH	1	$ 17,032.00	$ 17,032.00
HP-562-05	LEAD FILTER PITCHER WITH SIX MONTHS OFFILTER CARTRIDGES	EACH	1	$ 4,654.00	$ 4,654.00

The unit prices for the items listed below fell within higher percentage differences above both average/mean bid costs and engineers estimate. Ciorba will note these items and monitor them closely in the field to ensure that they stay within range of the plan quantity.

Code Number	Item	Unit of Measurement	Quantity	Unit Price	Total Cost
BASE BID					
20200100	EARTH EXCAVATION	CU YD	730	$ 110.00	$ 80,300.00
20201200	REMOVAL AND DISPOSAL OF UNSUITABLEMATERIAL	CU YD	215	$ 110.00	$ 23,650.00
20800150	TRENCH BACKFILL	CU YD	1501	$ 102.00	$ 153,102.00
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE4"	FOOT	141	$ 46.00	$ 6,486.00
HP-201-02	TREE ROOT PRUNING, 24 INCHES DEEP	FOOT	238	$ 154.00	$ 36,652.00

8725 W. Higgins Road, Suite 600
Chicago, IL 60631
P 773.775.4009
ciorba.com

CiorbaGroup
CONSULTING ENGINEERS

After review and analysis of the bid tabulations for the Sheridan Road-Edgecliff to North End Project, it is Ciorba's professional opinion* that Martam's bid prices are acceptable and recommend award of the contract.

*The bid analysis of all contract pay items is attached for reference

Should you have any questions please contact me at 312-515-3292 or at Mkowalski@ciorba.com.

Sincerely,
Ciorba Group, Inc.



Michael Kowalski, PE
Vice President-Construction

8725 W. Higgins Road, Suite 600
Chicago, IL 60631

P 773.775.4009
ciorba.com

City of Highland Park, Illinois
Sheridan Road-Edgecliff to North End
Bid Tabulation
Bid Opening: Thursday, March 21, 2026

10% Above / Below
More than 10% Above
More than 10% Below

Code Number	Item	Unit of Measurement	Quantity	Martam Construction, Inc. Unit Price	Martam Construction, Inc. Total Cost	LOW BIDDER % ABOVE / BELOW AVERAGE	MEDIAN	ENG ESTIMATE	COMMENT
	BASE BID								
20200100	EARTH EXCAVATION	CU YD	730	$ 110.00	$ 80,300.00	88.57%	144.44%	189.47%	Higher than Engineers Estimate and Average Bid. Quantity will monitored in the field to ensure it is kept within range of plan
20201200	REMOVAL AND DISPOSAL OF UNSUITABLEMATERIAL	CU YD	215	$ 110.00	$ 23,650.00	65.00%	120.00%	175.00%	Higher than Engineers Estimate and Average Bid. Quantity will monitored in the field to ensure it is kept within range of plan
20800150	TRENCH BACKFILL	CU YD	1501	$ 102.00	$ 153,102.00	31.90%	27.50%	104.00%	Higher than Engineers Estimate and Average Bid. Quantity will monitored in the field to ensure it is kept within range of plan
21001000	GEOTECHNICAL FABRIC FOR GROUNDSTABILIZATION	SQ YD	1611	$ 3.00	$ 4,833.00	70.78%	136.22%	50.00%	Acceptable
25000300	SEEDING, CLASS 3	ACRE	0.02	$ 93,500.00	$ 1,870.00	52.36%	16.88%	87.00%	Higher than Engineers Estimate but within acceptable range of other bids
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	76	$ 9.00	$ 684.00	11.11%	0.00%	-10.00%	Acceptable
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	26	$ 6.00	$ 156.00	-61.88%	-70.00%	-40.00%	Acceptable
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	1228	$ 2.00	$ 2,456.00	-16.43%	0.00%	-20.00%	Acceptable
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	294	$ 15.00	$ 4,410.00	-26.02%	0.00%	25.00%	Acceptable
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1673	$ 17.00	$ 28,441.00	-28.16%	0.00%	21.43%	Acceptable
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0,N50	TON	310	$ 113.00	$ 35,030.00	-6.43%	0.00%	7.62%	Acceptable
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5INCH	SQ FT	79	$ 41.00	$ 3,239.00	67.67%	105.00%	105.00%	Small quantity-Acceptable
44000100	PAVEMENT REMOVAL	SQ YD	1383	$ 15.00	$ 20,745.00	-22.12%	-20.13%	0.00%	Acceptable
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	395	$ 15.00	$ 5,925.00	-11.61%	-5.72%	50.00%	Acceptable
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	70	$ 17.00	$ 1,190.00	2.55%	0.00%	13.33%	Acceptable
44000600	SIDEWALK REMOVAL	SQ FT	99	$ 5.00	$ 495.00	-1.96%	0.00%	-16.67%	Acceptable
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	9	$ 255.00	$ 2,295.00	3.88%	0.00%	112.50%	Small quantity-Acceptable
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	28	$ 236.00	$ 6,608.00	9.21%	0.00%	124.76%	Small quantity-Acceptable
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	113	$ 144.00	$ 16,272.00	-39.87%	-17.46%	15.20%	Acceptable
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	133	$ 159.00	$ 21,147.00	-36.46%	-12.48%	22.31%	Acceptable
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	138	$ 176.00	$ 24,288.00	-33.51%	-6.45%	25.71%	Acceptable
55100300	STORM SEWER REMOVAL 8"	FOOT	98	$ 25.00	$ 2,450.00	-19.89%	0.00%	0.00%	Acceptable
56106700	ADJUSTING WATER MAIN 16"	FOOT	12	$ 3,407.00	$ 40,884.00	22.66%	0.00%	386.71%	Higher than Engineers Estimate but within acceptable range of other bids
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	8	$ 5,675.00	$ 45,400.00	-23.24%	0.00%	13.50%	Acceptable
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	$ 5,279.00	$ 5,279.00	-28.25%	-8.88%	5.58%	Acceptable
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	2	$ 2,195.00	$ 4,390.00	-39.36%	-17.63%	-12.20%	Acceptable
60500050	REMOVING CATCH BASINS	EACH	3	$ 729.00	$ 2,187.00	2.10%	0.00%	-8.88%	Acceptable
60603800	COMBINATION CONCRETE CURB ANDGUTTER, TYPE B-6.12	FOOT	1200	$ 50.00	$ 60,000.00	-2.07%	0.00%	42.86%	Higher than Engineers Estimate but within acceptable range of other bids
63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6FOOT POSTS	FOOT	25	$ 92.00	$ 2,300.00	-29.41%	-33.80%	-8.00%	Acceptable
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	$ 2,133.00	$ 4,266.00	13.28%	5.81%	150.94%	Higher than Engineers Estimate but within acceptable range of other bids
63200310	GUARDRAIL REMOVAL	FOOT	28	$ 88.00	$ 2,464.00	35.89%	18.49%	252.00%	Higher than Engineers Estimate but within acceptable range of other bids
67100100	MOBILIZATION	L SUM	1	$155,200.00	$ 155,200.00	-16.14%	-16.56%	24.16%	Acceptable
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	191	$ 6.00	$ 1,146.00	94.17%	200.00%	166.67%	Small quantity-Acceptable
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	10	$ 22.00	$ 220.00	70.81%	144.44%	238.46%	Small quantity-Acceptable
70400100	TEMPORARY CONCRETE BARRIER	FOOT	137.5	$ 43.00	$ 5,912.50	-37.16%	-42.10%	7.50%	Acceptable
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	35	$ 18.00	$ 630.00	-3.42%	0.00%	50.00%	Higher than Engineers Estimate but within acceptable range of other bids
70600241	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	3	$ 4,950.00	$ 14,850.00	27.46%	41.38%	-8.33%	Acceptable
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE4"	FOOT	141	$ 46.00	$ 6,486.00	30.98%	42.15%	2966.67%	Higher than Engineers Estimate and Average Bid. Quantity will monitored in the field to ensure it is kept within range of plan
78300202	PAVEMENT MARKING REMOVAL - WATERBLASTING	SQ FT	47	$ 110.00	$ 5,170.00	-15.79%	0.00%	214.29%	Higher than Engineers Estimate but within acceptable range of other bids
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	78	$ 54.00	$ 4,212.00	-26.16%	0.00%	-22.86%	Acceptable
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	$ 16,140.00	$ 16,140.00	10.58%	7.60%	-58.40%	Acceptable
Z0056604	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	82	$ 191.00	$ 15,662.00	-33.11%	-22.23%	91.00%	Higher than Engineers Estimate but within acceptable range of other bids
Z0056612	STORM SEWER (WATER MAINREQUIREMENTS) 18 INCH	FOOT	108	$ 265.00	$ 28,620.00	-30.44%	-27.98%	32.50%	Acceptable
Z0058000	SANITARY SEWER (SPECIAL)	FOOT	336	$ 152.00	$ 51,072.00	-54.12%	-20.81%	-39.20%	Acceptable
A2002024	TREE, AESCULUS GLABRA (OHIO BUCKEYE),3" CALIPER, BALLED AND BURLAPPED	EACH	1	$ 1,100.00	$ 1,100.00	-13.10%	0.00%	37.50%	Acceptable
B2002222	TREE, CRATAEGUS VIRDIS WINTER KING(WINTER KING GREEN HAWTHORN), 3" CALIPER BALLED AND BURLAPPED	EACH	6	$ 1,100.00	$ 6,600.00	-7.96%	0.00%	37.50%	Acceptable
K1005481	SHREDDED BARK MULCH 3"	SQ YD	50	$ 11.00	$ 550.00	4.40%	3.68%	-26.67%	Acceptable
X0326806	WASHOUT BASIN	L SUM	1	$ 1,307.00	$ 1,307.00	50.65%	64.26%	-56.43%	Acceptable
X1200198	SANITARY SEWERS, PVC, 8"	FOOT	197	$ 152.00	$ 29,944.00	-53.33%	-17.84%	-32.44%	Acceptable
X1200246	WATERMAIN CASING PIPE	FOOT	41	$ 175.00	$ 7,175.00	1.91%	0.00%	-30.00%	Acceptable
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	9	$ 488.00	$ 4,392.00	-21.99%	0.00%	22.00%	Acceptable
X4023000	TEMPORARY ACCESS (ROAD)	EACH	1	$ 744.00	$ 744.00	-23.33%	0.00%	-38.00%	Acceptable
X5510306	SANITARY SEWER REMOVAL 6"	FOOT	25	$ 45.00	$ 1,125.00	-4.32%	-2.36%	50.00%	Acceptable
X5510308	SANITARY SEWER REMOVAL 8"	FOOT	16	$ 45.00	$ 720.00	-4.48%	-2.87%	50.00%	Acceptable
X6020399	CONNECTION TO EXISTING MANHOLE	EACH	2	$ 714.00	$ 1,428.00	-84.59%	-77.62%	-82.15%	Acceptable
X6022712	CATCH BASINS, TYPE A, 4'-DIAMETER, WITHSPECIAL FRAME AND GRATE	EACH	4	$ 6,191.00	$ 24,764.00	-29.76%	-14.64%	3.18%	Acceptable
X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1FRAME, CLOSED LID	EACH	5	$ 6,572.00	$ 32,860.00	-37.69%	-18.58%	-30.82%	Acceptable
X6025604	PROPOSED MANHOLE/CATCH BASINCONNECTION OVER EXISTING STORM SEWER	EACH	5	$ 7,189.00	$ 35,945.00	87.58%	147.18%	79.73%	Small quantity-Acceptable
X6025620	CATCH BASINS, TYPE A, 5'-DIAMETER, WITHSPECIAL FRAME AND GRATE	EACH	1	$ 8,157.00	$ 8,157.00	-22.92%	-14.94%	16.53%	Acceptable
X6026400	MANHOLES, DROP TYPE, 4'-DIAMETER, TYPE 1FRAME, CLOSED LID	EACH	2	$ 8,785.00	$ 17,570.00	-69.16%	-63.40%	-73.38%	Acceptable
X6050220	FILLING EXISTING WELLS	EACH	1	$ 1,239.00	$ 1,239.00	14.76%	0.00%	54.88%	Acceptable
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	$227,291.00	$ 227,291.00	-9.95%	0.00%	127.29%	Higher than Engineers Estimate but within acceptable range of other bids
XX001470	SANITARY SERVICE CONNECTION	EACH	5	$ 780.00	$ 3,900.00	-73.57%	-74.62%	-61.00%	Acceptable
XX003470	SANITARY CLEANOUT 6"	EACH	15	$ 1,467.00	$ 22,005.00	-27.29%	-8.31%	-2.20%	Acceptable
XX003803	SANITARY SEWER SERVICE 6"	FOOT	1098	$ 218.00	$ 239,364.00	-32.08%	0.00%	17.84%	Acceptable
HP-002	PRECONSTRUCTION VIDEO RECORDING	L SUM	1	$ 853.00	$ 853.00	38.15%	0.00%	-14.70%	Acceptable
HP-018	BRICK PAVER REMOVAL ANDREINSTALLATION	SQ FT	795	$ 20.00	$ 15,900.00	-20.35%	0.00%	-42.86%	Acceptable
HP-105-01	AS-BUILT DRAWINGS	L SUM	1	$ 6,490.00	$ 6,490.00	23.62%	3.68%	549.00%	Higher than Engineers Estimate but within acceptable range of other bids
HP-201-01	TREE PROTECTION	FOOT	1387	$ 5.00	$ 6,935.00	-26.04%	-16.67%	-50.00%	Acceptable
HP-201-02	TREE ROOT PRUNING, 24 INCHES DEEP	FOOT	238	$ 154.00	$ 36,652.00	163.10%	1227.59%	2980.00%	Higher than Engineers Estimate and Average Bid. Quantity will monitored in the field to ensure it is kept within range of plan
HP-201-03	TREE REMOVAL (<15 INCH DIA)	UNIT	123	$ 55.00	$ 6,765.00	32.93%	48.13%	10.00%	Acceptable
HP-201-04	TREE REMOVAL (>15 INCH DIA)	UNIT	75	$ 83.00	$ 6,225.00	50.83%	88.25%	18.57%	Acceptable
HP-211-01	TOPSOIL FURNISH AND PLACE, VARIABLEDEPTH	SQ YD	1381	$ 1.00	$ 1,381.00	-84.73%	-78.45%	-87.50%	Acceptable
HP-252-01	SODDING (SPECIAL)	SQ YD	1306	$ 27.00	$ 35,262.00	21.86%	25.76%	35.00%	Acceptable
HP-252-02	SUPPLEMENTAL WATERING	EACH	8	$ 1.00	$ 8.00	-99.35%	-98.28%	-99.00%	Acceptable
HP-280-01	DRAINAGE STRUCTURE INLET FILTER	EACH	22	$ 248.00	$ 5,456.00	50.22%	25.72%	24.00%	Acceptable
HP-280-02	INLET FILTER CLEANING	EACH	22	$ 28.00	$ 616.00	-53.82%	0.00%	-30.00%	Acceptable
HP-280-03	SILT FENCE	FOOT	925	$ 6.00	$ 5,550.00	28.02%	47.78%	50.00%	Acceptable
HP-403-01	BITUMINOUS MATERIALS (TACK COAT)	POUND	307	$ 4.00	$ 1,228.00	7.05%	7.82%	300.00%	Higher than Engineers Estimate but within acceptable range of other bids
HP-406-01	WARM-MIX ASPHALT SURFACE COURSE "D"N50 (MODIFIED)	TON	155	$ 136.00	$ 21,080.00	3.93%	3.37%	-30.26%	Acceptable
HP-406-02	WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3INCH	SQ YD	294	$ 59.00	$ 17,346.00	27.65%	40.48%	7.27%	Acceptable
HP-423-01	PORTLAND CEMENT CONCRETE DRIVEWAYPAVEMENT (SPECIAL)	SQ YD	75	$ 131.00	$ 9,825.00	3.47%	0.77%	37.89%	Acceptable
HP-561-02	WATER MAIN, D.I.P. CL 52, 8"	FOOT	714	$ 194.00	$ 138,516.00	-46.79%	-28.08%	-0.51%	Acceptable
HP-561-04	WATER VALVE 8" & 4' DIA. VALVE VAULT	EACH	3	$ 9,206.00	$ 27,618.00	-14.37%	0.00%	8.31%	Acceptable
HP-561-05	WATER MAIN CONNECTION (NON-PRESSURE), 16"	EACH	2	$ 9,735.00	$ 19,470.00	-40.41%	-43.65%	-39.16%	Acceptable
HP-561-06	HORIZONTAL DIRECTIONALLY DRILLEDWATER MAIN 8"	FOOT	372	$ 276.00	$ 102,672.00	-40.39%	-33.18%	-4.83%	Acceptable
HP-562-01	SADDLE TAP 1-1/2"	EACH	8	$ 4,261.00	$ 34,088.00	-23.81%	-5.65%	113.05%	Higher than Engineers Estimate but within acceptable range of other bids
HP-562-02	WATER SERVICE LINE, COPPERREPLACEMENT, 1-1/2"	FOOT	971	$ 156.00	$ 151,476.00	15.71%	0.00%	95.00%	Higher than Engineers Estimate but within acceptable range of other bids
HP-562-04	LEAD WATER SERVICE REPLACEMENT	EACH	1	$ 17,032.00	$ 17,032.00	-7.11%	0.00%	70.32%	Higher than Engineers Estimate but within acceptable range of other bids
HP-562-05	LEAD FILTER PITCHER WITH SIX MONTHS OFFILTER CARTRIDGES	EACH	1	$ 4,654.00	$ 4,654.00	163.40%	941.77%	2227.00%	Higher than Engineers Estimate but within acceptable range of other bids
HP-563-06	ABANDON AND FILL EXISTING SEWER	FOOT	359	$ 30.00	$ 10,770.00	76.47%	87.50%	-64.71%	Acceptable
HP-562-06	ABANDON EXISTING WATER SERVICE	EACH	7	$ 3,239.00	$ 22,673.00	129.23%	547.80%	61.95%	Small quantity-Acceptable
HP-563-05	SANITARY SEWER, PVC 8", GUIDED AUGERAND HDD INSTALLATION	FOOT	191	$ 678.00	$ 129,498.00	-15.96%	-19.49%	-15.25%	Acceptable

HP-563-07	ABANDON EXISTING SANITARY SERVICE	EACH	7	$ 2,893.00	$ 20,251.00	122.94%	478.60%	44.65%	Small quantity-Acceptable
HP-564-01	FIRE HYDRANT/AUX. VALVE AND VALVE BOX	EACH	2	$ 11,804.00	$ 23,608.00	-22.97%	0.00%	7.31%	Acceptable
HP-565-01	DOMESTIC METER VAULT REMOVED &REPLACED WITH NEW METER VAULT	EACH	1	$ 5,578.00	$ 5,578.00	-23.30%	-10.59%	39.45%	Acceptable
HP-565-04	NEW DOMESTIC METER VAULT	EACH	7	$ 4,701.00	$ 32,907.00	-32.65%	-24.64%	34.31%	Acceptable
HP-570-01	RESIDENTIAL RESTORATION FOR SERVICELINE INSTALLATION	L SUM	1	$ 88,000.00	$ 88,000.00	50.00%	10.00%	-41.33%	Acceptable

RFP - Sheridan Road Improvements (Edgecliff to North End) (#10088080)
Owner: Highland Park IL, City of
Solicitor: Highland Park IL, City of
03/19/2026 11:00 AM CDT

Section Title	Line Item	Item Code	Item Description	UofM	Quantity	Engineer Estimate		Martam Construction, Inc.		Acqua Contractors Corp		Bolder Contractors	
						Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
BASE BID							$2,235,807.25		$2,586,639.50		$3,115,000.00		$3,589,059.50
	1	20200100	EARTH EXCAVATION	CU YD	730	$ 38.00	$ 27,740.00	$ 110.00	$ 80,300.00	$ 45.00	$ 32,850.00	$ 20.00	$ 14,600.00
	2	20201200	REMOVAL AND DISPOSAL OF UNSUITABLEMATERIAL	CU YD	215	$ 40.00	$ 8,600.00	$ 110.00	$ 23,650.00	$ 50.00	$ 10,750.00	$ 40.00	$ 8,600.00
	3	20800150	TRENCH BACKFILL	CU YD	1501	$ 50.00	$ 75,050.00	$ 102.00	$ 153,102.00	$ 80.00	$ 120,080.00	$ 50.00	$ 75,050.00
	4	21001000	GEOTECHNICAL FABRIC FOR GROUNDSTABILIZATION	SQ YD	1611	$ 2.00	$ 3,222.00	$ 3.00	$ 4,833.00	$ 1.27	$ 2,045.97	$ 1.00	$ 1,611.00
	5	25000300	SEEDING, CLASS 3	ACRE	0.02	$ 50,000.00	$ 1,000.00	$ 93,500.00	$ 1,870.00	$ 10,609.20	$ 212.18	$ 80,000.00	$ 1,600.00
	6	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	76	$ 10.00	$ 760.00	$ 9.00	$ 684.00	$ 5.30	$ 402.80	$ 10.00	$ 760.00
	7	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	26	$ 10.00	$ 260.00	$ 6.00	$ 156.00	$ 21.22	$ 551.72	$ 20.00	$ 520.00
	8	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	1228	$ 2.50	$ 3,070.00	$ 2.00	$ 2,456.00	$ 3.18	$ 3,905.04	$ 2.00	$ 2,456.00
	9	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	294	$ 12.00	$ 3,528.00	$ 15.00	$ 4,410.00	$ 33.83	$ 9,946.02	$ 12.00	$ 3,528.00
	10	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1673	$ 14.00	$ 23,422.00	$ 17.00	$ 28,441.00	$ 36.99	$ 61,884.27	$ 17.00	$ 28,441.00
	11	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0,N50	TON	310	$ 105.00	$ 32,550.00	$ 113.00	$ 35,030.00	$ 109.28	$ 33,876.80	$ 140.00	$ 43,400.00
	12	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5INCH	SQ FT	79	$ 20.00	$ 1,580.00	$ 41.00	$ 3,239.00	$ 12.36	$ 976.44	$ 20.00	$ 1,580.00
	13	44000100	PAVEMENT REMOVAL	SQ YD	1383	$ 15.00	$ 20,745.00	$ 15.00	$ 20,745.00	$ 18.78	$ 25,972.74	$ 24.00	$ 33,192.00
	14	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	395	$ 10.00	$ 3,950.00	$ 15.00	$ 5,925.00	$ 15.91	$ 6,284.45	$ 20.00	$ 7,900.00
	15	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	70	$ 15.00	$ 1,050.00	$ 17.00	$ 1,190.00	$ 12.73	$ 891.10	$ 20.00	$ 1,400.00
	16	44000600	SIDEWALK REMOVAL	SQ FT	99	$ 6.00	$ 594.00	$ 5.00	$ 495.00	$ 5.30	$ 524.70	$ 5.00	$ 495.00
	17	44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	9	$ 120.00	$ 1,080.00	$ 255.00	$ 2,295.00	$ 181.42	$ 1,632.78	$ 300.00	$ 2,700.00
	18	44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	28	$ 105.00	$ 2,940.00	$ 236.00	$ 6,608.00	$ 162.32	$ 4,544.96	$ 250.00	$ 7,000.00
	19	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	113	$ 125.00	$ 14,125.00	$ 144.00	$ 16,272.00	$ 174.46	$ 19,713.98	$ 400.00	$ 45,200.00
	20	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	133	$ 130.00	$ 17,290.00	$ 159.00	$ 21,147.00	$ 181.67	$ 24,162.11	$ 410.00	$ 54,530.00
	21	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	138	$ 140.00	$ 19,320.00	$ 176.00	$ 24,288.00	$ 188.14	$ 25,963.32	$ 430.00	$ 59,340.00
	22	55100300	STORM SEWER REMOVAL 8"	FOOT	98	$ 25.00	$ 2,450.00	$ 25.00	$ 2,450.00	$ 57.62	$ 5,646.76	$ 11.00	$ 1,078.00
	23	56106700	ADJUSTING WATER MAIN 16"	FOOT	12	$ 700.00	$ 8,400.00	$ 3,407.00	$ 40,884.00	$ 3,625.88	$ 43,510.56	$ 1,300.00	$ 15,600.00
	24	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	8	$ 5,000.00	$ 40,000.00	$ 5,675.00	$ 45,400.00	$ 5,503.29	$ 44,026.32	$ 11,000.00	$ 88,000.00
	25	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	$ 5,000.00	$ 5,000.00	$ 5,279.00	$ 5,279.00	$ 5,793.42	$ 5,793.42	$ 11,000.00	$ 11,000.00
	26	60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	2	$ 2,500.00	$ 5,000.00	$ 2,195.00	$ 4,390.00	$ 2,664.69	$ 5,329.38	$ 6,000.00	$ 12,000.00
	27	60500050	REMOVING CATCH BASINS	EACH	3	$ 800.00	$ 2,400.00	$ 729.00	$ 2,187.00	$ 613.03	$ 1,839.09	$ 800.00	$ 2,400.00
	28	60603800	COMBINATION CONCRETE CURB ANDGUTTER, TYPE B-6.12	FOOT	1200	$ 35.00	$ 42,000.00	$ 50.00	$ 60,000.00	$ 48.17	$ 57,804.00	$ 55.00	$ 66,000.00
	29	63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6FOOT POSTS	FOOT	25	$ 100.00	$ 2,500.00	$ 92.00	$ 2,300.00	$ 138.98	$ 3,474.50	$ 160.00	$ 4,000.00
	30	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	$ 850.00	$ 1,700.00	$ 2,133.00	$ 4,266.00	$ 2,015.80	$ 4,031.60	$ 1,500.00	$ 3,000.00
	31	63200310	GUARDRAIL REMOVAL	FOOT	28	$ 25.00	$ 700.00	$ 88.00	$ 2,464.00	$ 74.27	$ 2,079.56	$ 32.00	$ 896.00
	32	67100100	MOBILIZATION	L SUM	1	$125,000.00	$ 125,000.00	$155,200.00	$ 155,200.00	$186,000.00	$ 186,000.00	$214,000.00	$ 214,000.00
	33	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	191	$ 2.25	$ 429.75	$ 6.00	$ 1,146.00	$ 1.27	$ 242.57	$ 2.00	$ 382.00
	34	70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	10	$ 6.50	$ 65.00	$ 22.00	$ 220.00	$ 7.64	$ 76.40	$ 9.00	$ 90.00
	35	70400100	TEMPORARY CONCRETE BARRIER	FOOT	137.5	$ 40.00	$ 5,500.00	$ 43.00	$ 5,912.50	$ 74.27	$ 10,212.13	$ 88.00	$ 12,100.00
	36	70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	35	$ 12.00	$ 420.00	$ 18.00	$ 630.00	$ 15.91	$ 556.85	$ 22.00	$ 770.00
	37	70600241	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	3	$ 5,400.00	$ 16,200.00	$ 4,950.00	$ 14,850.00	$ 3,501.12	$ 10,503.36	$ 3,200.00	$ 9,600.00
	38	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE4"	FOOT	141	$ 1.50	$ 211.50	$ 46.00	$ 6,486.00	$ 32.36	$ 4,562.76	$ 27.00	$ 3,807.00
	39	78300202	PAVEMENT MARKING REMOVAL - WATERBLASTING	SQ FT	47	$ 35.00	$ 1,645.00	$ 110.00	$ 5,170.00	$ 206.88	$ 9,723.36	$ 75.00	$ 3,525.00
	40	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	78	$ 70.00	$ 5,460.00	$ 54.00	$ 4,212.00	$ 145.38	$ 11,339.64	$ 20.00	$ 1,560.00
	41	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	$ 38,800.00	$ 38,800.00	$ 16,140.00	$ 16,140.00	$ 12,647.91	$ 12,647.91	$ 15,000.00	$ 15,000.00
	42	Z0056604	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	82	$ 100.00	$ 8,200.00	$ 191.00	$ 15,662.00	$ 245.59	$ 20,138.38	$ 420.00	$ 34,440.00
	43	Z0056612	STORM SEWER (WATER MAINREQUIREMENTS) 18 INCH	FOOT	108	$ 200.00	$ 21,600.00	$ 265.00	$ 28,620.00	$ 367.95	$ 39,738.60	$ 510.00	$ 55,080.00
	44	Z0058000	SANITARY SEWER (SPECIAL)	FOOT	336	$ 250.00	$ 84,000.00	$ 152.00	$ 51,072.00	$ 191.94	$ 64,491.84	$ 650.00	$ 218,400.00
	45	A2002024	TREE, AESCULUS GLABRA (OHIO BUCKEYE),3" CALIPER, BALLED AND BURLAPPED	EACH	1	$ 800.00	$ 800.00	$ 1,100.00	$ 1,100.00	$ 1,697.51	$ 1,697.51	$ 1,000.00	$ 1,000.00
	46	B2002222	TREE, CRATAEGUS VIRDIS WINTER KING(WINTER KING GREEN HAWTHORN), 3" CALIPER BALLED AND BURLAPPED	EACH	6	$ 800.00	$ 4,800.00	$ 1,100.00	$ 6,600.00	$ 1,485.32	$ 8,911.92	$ 1,000.00	$ 6,000.00
	47	K1005481	SHREDDED BARK MULCH 3"	SQ YD	50	$ 15.00	$ 750.00	$ 11.00	$ 550.00	$ 10.61	$ 530.50	$ 10.00	$ 500.00
	48	X0326806	WASHOUT BASIN	L SUM	1	$ 3,000.00	$ 3,000.00	$ 1,307.00	$ 1,307.00	$ 795.71	$ 795.71	$ 500.00	$ 500.00
	49	X1200198	SANITARY SEWERS, PVC, 8"	FOOT	197	$ 225.00	$ 44,325.00	$ 152.00	$ 29,944.00	$ 185.01	$ 36,446.97	$ 640.00	$ 126,080.00
	50	X1200246	WATERMAIN CASING PIPE	FOOT	41	$ 250.00	$ 10,250.00	$ 175.00	$ 7,175.00	$ 190.15	$ 7,796.15	$ 150.00	$ 6,150.00
	51	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	9	$ 400.00	$ 3,600.00	$ 488.00	$ 4,392.00	$ 1,338.77	$ 12,048.93	$ 50.00	$ 450.00
	52	X4023000	TEMPORARY ACCESS (ROAD)	EACH	1	$ 1,200.00	$ 1,200.00	$ 744.00	$ 744.00	$ 1,667.03	$ 1,667.03	$ 500.00	$ 500.00
	53	X5510306	SANITARY SEWER REMOVAL 6"	FOOT	25	$ 30.00	$ 750.00	$ 45.00	$ 1,125.00	$ 46.09	$ 1,152.25	$ 50.00	$ 1,250.00
	54	X5510308	SANITARY SEWER REMOVAL 8"	FOOT	16	$ 30.00	$ 480.00	$ 45.00	$ 720.00	$ 46.33	$ 741.28	$ 50.00	$ 800.00
	55	X6020399	CONNECTION TO EXISTING MANHOLE	EACH	2	$ 4,000.00	$ 8,000.00	$ 714.00	$ 1,428.00	$ 3,190.22	$ 6,380.44	$ 10,000.00	$ 20,000.00
	56	X6022712	CATCH BASINS, TYPE A, 4'-DIAMETER, WITHSPECIAL FRAME AND GRATE	EACH	4	$ 6,000.00	$ 24,000.00	$ 6,191.00	$ 24,764.00	$ 7,252.64	$ 29,010.56	$ 13,000.00	$ 52,000.00
	57	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1FRAME, CLOSED LID	EACH	5	$ 9,500.00	$ 47,500.00	$ 6,572.00	$ 32,860.00	$ 8,071.69	$ 40,358.45	$ 17,000.00	$ 85,000.00
	58	X6025604	PROPOSED MANHOLE/CATCH BASINCONNECTION OVER EXISTING STORM SEWER	EACH	5	$ 4,000.00	$ 20,000.00	$ 7,189.00	$ 35,945.00	$ 2,908.46	$ 14,542.30	$ 1,400.00	$ 7,000.00
	59	X6025620	CATCH BASINS, TYPE A, 5'-DIAMETER, WITHSPECIAL FRAME AND GRATE	EACH	1	$ 7,000.00	$ 7,000.00	$ 8,157.00	$ 8,157.00	$ 9,590.24	$ 9,590.24	$ 14,000.00	$ 14,000.00
	60	X6026400	MANHOLES, DROP TYPE, 4'-DIAMETER, TYPE 1FRAME, CLOSED LID	EACH	2	$ 33,000.00	$ 66,000.00	$ 8,785.00	$ 17,570.00	$ 52,674.27	$ 105,348.54	$ 24,000.00	$ 48,000.00
	61	X6050220	FILLING EXISTING WELLS	EACH	1	$ 800.00	$ 800.00	$ 1,239.00	$ 1,239.00	$ 500.00	$ 500.00	$ 1,500.00	$ 1,500.00
	62	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	$100,000.00	$ 100,000.00	$227,291.00	$ 227,291.00	$109,930.15	$ 109,930.15	$420,000.00	$ 420,000.00
	63	XX001470	SANITARY SERVICE CONNECTION	EACH	5	$ 2,000.00	$ 10,000.00	$ 780.00	$ 3,900.00	$ 3,072.70	$ 15,363.50	$ 5,000.00	$ 25,000.00
	64	XX003470	SANITARY CLEANOUT 6"	EACH	15	$ 1,500.00	$ 22,500.00	$ 1,467.00	$ 22,005.00	$ 2,985.64	$ 44,784.60	$ 1,600.00	$ 24,000.00
	65	XX003803	SANITARY SEWER SERVICE 6"	FOOT	1098	$ 185.00	$ 203,130.00	$ 218.00	$ 239,364.00	$ 634.92	$ 697,142.16	$ 110.00	$ 120,780.00
	66	HP-002	PRECONSTRUCTION VIDEO RECORDING	L SUM	1	$ 1,000.00	$ 1,000.00	$ 853.00	$ 853.00	$ 899.28	$ 899.28	$ 100.00	$ 100.00
	67	HP-018	BRICK PAVER REMOVAL ANDREINSTALLATION	SQ FT	795	$ 35.00	$ 27,825.00	$ 20.00	$ 15,900.00	$ 15.33	$ 12,187.35	$ 40.00	$ 31,800.00
	68	HP-105-01	AS-BUILT DRAWINGS	L SUM	1	$ 1,000.00	$ 1,000.00	$ 6,490.00	$ 6,490.00	$ 6,259.58	$ 6,259.58	$ 3,000.00	$ 3,000.00
	69	HP-201-01	TREE PROTECTION	FOOT	1387	$ 10.00	$ 13,870.00	$ 5.00	$ 6,935.00	$ 9.28	$ 12,871.36	$ 6.00	$ 8,322.00
	70	HP-201-02	TREE ROOT PRUNING, 24 INCHES DEEP	FOOT	238	$ 5.00	$ 1,190.00	$ 154.00	$ 36,652.00	$ 11.60	$ 2,760.80	$ 10.00	$ 2,380.00
	71	HP-201-03	TREE REMOVAL (<15 INCH DIA)	UNIT	123	$ 50.00	$ 6,150.00	$ 55.00	$ 6,765.00	$ 37.13	$ 4,566.99	$ 32.00	$ 3,936.00
	72	HP-201-04	TREE REMOVAL (>15 INCH DIA)	UNIT	75	$ 70.00	$ 5,250.00	$ 83.00	$ 6,225.00	$ 44.09	$ 3,306.75	$ 38.00	$ 2,850.00
	73	HP-211-01	TOPSOIL FURNISH AND PLACE, VARIABLEDEPTH	SQ YD	1381	$ 8.00	$ 11,048.00	$ 1.00	$ 1,381.00	$ 4.64	$ 6,407.84	$ 14.00	$ 19,334.00
	74	HP-252-01	SODDING (SPECIAL)	SQ YD	1306	$ 20.00	$ 26,120.00	$ 27.00	$ 35,262.00	$ 21.47	$ 28,039.82	$ 18.00	$ 23,508.00
	75	HP-252-02	SUPPLEMENTAL WATERING	EACH	8	$ 100.00	$ 800.00	$ 1.00	$ 8.00	$ 58.02	$ 464.16	$ 400.00	$ 3,200.00
	76	HP-280-01	DRAINAGE STRUCTURE INLET FILTER	EACH	22	$ 200.00	$ 4,400.00	$ 248.00	$ 5,456.00	$ 197.26	$ 4,339.72	$ 50.00	$ 1,100.00
	77	HP-280-02	INLET FILTER CLEANING	EACH	22	$ 40.00	$ 880.00	$ 28.00	$ 616.00	$ 133.91	$ 2,946.02	$ 20.00	$ 440.00
	78	HP-280-03	SILT FENCE	FOOT	925	$ 4.00	$ 3,700.00	$ 6.00	$ 5,550.00	$ 4.06	$ 3,755.50	$ 4.00	$ 3,700.00
	79	HP-403-01	BITUMINOUS MATERIALS (TACK COAT)	POUND	307	$ 1.00	$ 307.00	$ 4.00	$ 1,228.00	$ 3.71	$ 1,138.97	$ 3.50	$ 1,074.50
	80	HP-406-01	WARM-MIX ASPHALT SURFACE COURSE "D"N50 (MODIFIED)	TON	155	$ 195.00	$ 30,225.00	$ 136.00	$ 21,080.00	$ 131.56	$ 20,391.80	$ 125.00	$ 19,375.00
	81	HP-406-02	WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3INCH	SQ YD	294	$ 55.00	$ 16,170.00	$ 59.00	$ 17,346.00	$ 37.66	$ 11,072.04	$ 42.00	$ 12,348.00
	82	HP-423-01	PORTLAND CEMENT CONCRETE DRIVEWAYPAVEMENT (SPECIAL)	SQ YD	75	$ 95.00	$ 7,125.00	$ 131.00	$ 9,825.00	$ 118.83	$ 8,912.25	$ 130.00	$ 9,750.00
	83	HP-561-02	WATER MAIN, D.I.P. CL 52, 8"	FOOT	714	$ 195.00	$ 139,230.00	$ 194.00	$ 138,516.00	$ 269.73	$ 192,587.22	$ 630.00	$ 449,820.00
	84	HP-561-04	WATER VALVE 8" & 4' DIA. VALVE VAULT	EACH	3	$ 8,500.00	$ 25,500.00	$ 9,206.00	$ 27,618.00	$ 7,046.13	$ 21,138.39	$ 16,000.00	$ 48,000.00
	85	HP-561-05	WATER MAIN CONNECTION (NON-PRESSURE), 16"	EACH	2	$ 16,000.00	$ 32,000.00	$ 9,735.00	$ 19,470.00	$ 17,275.07	$ 34,550.14	$ 22,000.00	$ 44,000.00
	86	HP-561-06	HORIZONTAL DIRECTIONALLY DRILLEDWATER MAIN 8"	FOOT	372	$ 290.00	$ 107,880.00	$ 276.00	$ 102,672.00	$ 413.07	$ 153,662.04	$ 700.00	$ 260,400.00
	87	HP-562-01	SADDLE TAP 1-1/2"	EACH	8	$ 2,000.00	$ 16,000.00	$ 4,261.00	$ 34,088.00	$ 4,516.14	$ 36,129.12	$ 8,000.00	$ 64,000.00
	88	HP-562-02	WATER SERVICE LINE, COPPERREPLACEMENT, 1-1/2"	FOOT	971	$ 80.00	$ 77,680.00	$ 156.00	$ 151,476.00	$ 201.46	$ 195,617.66	$ 47.00	$ 45,637.00
	89	HP-562-04	LEAD WATER SERVICE REPLACEMENT	EACH	1	$ 10,000.00	$ 10,000.00	$ 17,032.00	$ 17,032.00	$ 26,976.88	$ 26,976.88	$ 11,000.00	$ 11,000.00
	90	HP-562-05	LEAD FILTER PITCHER WITH SIX MONTHS OFFILTER CARTRIDGES	EACH	1	$ 200.00	$ 200.00	$ 4,654.00	$ 4,654.00	$ 446.74	$ 446.74	$ 200.00	$ 200.00
	91	HP-563-06	ABANDON AND FILL EXISTING SEWER	FOOT	359	$ 85.00	$ 30,515.00	$ 30.00	$ 10,770.00	$ 5.00	$ 1,795.00	$ 16.00	$ 5,744.00
	92	HP-562-06	ABANDON EXISTING WATER SERVICE	EACH	7	$ 2,000.00	$ 14,000.00	$ 3,239.00	$ 22,673.00	$ 500.00	$ 3,500.00	$ 500.00	$ 3,500.00
	93	HP-563-05	SANITARY SEWER, PVC 8", GUIDED AUGERAND HDD INSTALLATION	FOOT	191	$ 800.00	$ 152,800.00	$ 678.00	$ 129,498.00	$ 842.17	$ 160,854.47	$ 900.00	$ 171,900.00
	94	HP-563-07	ABANDON EXISTING SANITARY SERVICE	EACH	7	$ 2,000.00	$ 14,000.00	$ 2,893.00	$ 20,251.00	$ 500.00	$ 3,500.00	$ 500.00	$ 3,500.00
	95	HP-564-01	FIRE HYDRANT/AUX. VALVE AND VALVE BOX	EACH	2	$ 11,000.00	$ 22,000.00	$ 11,804.00	$ 23,608.00	$ 10,167.63	$ 20,335.26	$ 24,000.00	$ 48,000.00
	96	HP-565-01	DOMESTIC METER VAULT REMOVED &REPLACED WITH NEW METER VAULT	EACH	1	$ 4,000.00	$ 4,000.00	$ 5,578.00	$ 5,578.00	$ 6,238.42	$ 6,238.42	$ 10,000.00	$ 10,000.00
	97	HP-565-04	NEW DOMESTIC METER VAULT	EACH	7	$ 3,500.00	$ 24,500.00	$ 4,701.00	$ 32,907.00	$ 6,238.41	$ 43,668.87	$ 10,000.00	$ 70,000.00
	98	HP-570-01	RESIDENTIAL RESTORATION FOR SERVICELINE INSTALLATION	L SUM	1	$150,000.00	$ 150,000.00	$ 88,000.00	$ 88,000.00	$ 8,000.00	$ 8,000.00	$ 80,000.00	$ 80,000.00
Base Bid Total:							$2,235,807.25		$2,586,639.50		$3,115,000.00		$3,589,059.50

City of Highland Park
1150 Half Day Rd.
Highland Park, Illinois 60035
847.432.0807
cityhpil.com

Public Works Department

CONTRACT BETWEEN

City of Highland Park

and

Martam Construction, Inc.

for

SHERIDAN ROAD IMPROVEMENT (EDGECLIFF TO NORTH END) PROJECT

Project #10088080

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In consideration of the mutual promises set forth below, the CITY OF HIGHLAND PARK, 1150 Half Day Road, Highland Park, Illinois, 60035, a municipal corporation ("***Owner***"), and **Martam Construction, Inc., of Elgin, Illinois**, ("***Contractor***"), make this Contract as of the _____ day of _____**, 2026**, and hereby agree as follows:

ARTICLE I
THE WORK

1.1 Performance of the Work

Contractor shall, at its sole cost and expense, provide, perform, and complete all of the following, all of which is herein referred to as the "Work":

1. Labor, Equipment, Materials, and Supplies. Provide, perform, and complete, in the manner described and specified in this Contract, all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data, and other means and items necessary to accomplish the Project at the Work Site, both as defined in Attachment A, in accordance with the specifications attached hereto as Attachment B, the drawings identified in the list attached hereto as Attachment C, and the Special Project Requirements attached hereto as Attachment D.

2. Permits. Except as otherwise provided in Attachment A, procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith.

3. Bonds and Insurance. Procure and furnish all Bonds and all certificates and policies of insurance specified in this.

4. Taxes. Pay all applicable federal, state, and local taxes.

5. Miscellaneous. Do all other things required of Contractor by this Contract, including, without limitation, arranging for utility and other services needed for the work and for testing, including the installation of temporary utility lines, wiring, switches, fixtures, hoses, connections, and meters, and providing sufficient sanitary conveniences and shelters to accommodate all workers and all personnel of Owner engaged in the Work.

6. Quality. Provide, perform and complete all of the foregoing in a proper and workmanlike manner, consistent with the highest standards of professional and construction practices and in full compliance with, and as required by or pursuant to, this Contract, and with the greatest economy, efficiency, and expedition consistent therewith, with only new, undamaged and first quality equipment, materials, and supplies.

1.2 Commencement and Completion Dates

Contractor shall commence the Work not later than the "Commencement Date" set forth on Attachment A and shall diligently and continuously prosecute the Work at such a rate as will allow the Work to be fully provided, performed, and completed in full compliance with this Contract not later than the "Completion Date" set forth in Attachment A. The time of commencement, rate of progress, and time of completion are referred to in this Contract as the "Contract Time."

1.3 Required Submittals

A. Submittals Required. Contractor shall submit to Owner all documents, data, and information specifically required to be submitted by Contractor under this Contract and shall, in addition, submit to Owner all such drawings, specifications, descriptive information, and engineering documents, data, and information as may be required, or as may be requested by Owner, to show the details of the Work, including a complete description of all equipment, materials, and supplies to be provided under this

Contract ("***Required Submittals***"). Such details shall include, but shall not be limited to, design data, structural and operating features, principal dimensions, space required or provided, clearances required or provided, type and brand of finish, and all similar matters, for all components of the Work.

B. Number and Format. Contractor shall provide three complete sets for each Required Submittal. All Required Submittals, except drawings, shall be prepared on 8-1/2 inch by 11-inch paper. Two blue line prints and one sepia transparency of each drawing shall be provided. All prints of drawings shall be folded to 8-1/2 inches by 11 inches, or less. All drawings shall be clearly marked in the lower right-hand corner with the names of Owner and Contractor.

C. Time of Submission and Owner's Review. All Required Submittals shall be provided to Owner no later than the time, if any, specified in this Contract for their submission or, if no time for submission is specified, in sufficient time, in Owner's sole opinion, to permit Owner to review the same prior to the commencement of the part of the Work to which they relate and prior to the purchase of any equipment, materials, or supplies that they describe. Owner shall have the right to require such corrections as may be necessary to make such submittals conform to this Contract. All such submittals shall, after final processing and review with no exception noted by Owner, become a part of this Contract. No Work related to any submittal shall be performed by Contractor until Owner has completed review of such submittal with no exception noted. Owner's review and stamping of any Required Submittal shall be for the sole purpose of examining the general management, design, and details of the proposed Work, shall not relieve Contractor of the entire responsibility for the performance of the Work in full compliance with, and as required by or pursuant to this Contract, and shall not be regarded as any assumption of risk or liability by Owner.

D. Responsibility for Delay. Contractor shall be responsible for any delay in the Work due to delay in providing Required Submittals conforming to this Contract.

1.4 Review and Interpretation of Contract Provisions

Contractor represents and warrants that it has carefully reviewed this Contract, including all of its Attachments, and the drawings identified in Attachment C, all of which are by this reference incorporated into and made a part of this Contract. Contractor shall, at no increase in the Contract Price, provide workmanship, equipment, materials, and supplies that fully conform to this Contract. Whenever any equipment, materials or supplies are specified or described in this Contract by using the name or other identifying feature of a proprietary product or the name or other identifying feature of a particular manufacturer or vendor, the specific item mentioned shall be understood as establishing the type, function and quality desired. Other manufacturers' or vendors' products may be accepted, provided that the products proposed are equivalent in substance and function to those named as determined by Owner in its sole and absolute discretion.

Contractor shall promptly notify Owner of any discrepancy, error, omission, ambiguity, or conflict among any of the provisions of this Contract before proceeding with any Work affected thereby. If Contractor fails to give such notice to Owner, then the subsequent decision of Owner as to which provision of this Contract shall govern shall be final, and any corrective work required shall not entitle Contractor to any damages, to any compensation in excess of the Contract Price, or to any delay or extension of the Contract Time.

When the equipment, materials, or supplies furnished by Contractor cannot be installed as specified in this Contract, Contractor shall, without any increase in the Contract Price, make all modifications required to properly install the equipment, materials, or supplies. Any such modification shall be subject to the prior review and consent of Owner.

1.5 Conditions at the Work Site; Record Drawings

Contractor represents and warrants that it has had a sufficient opportunity to conduct a thorough investigation of the Work Site and the surrounding area and has completed such investigation to its satisfaction. Contractor shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time based upon conditions found at, or in the vicinity of, the Work Site. When information pertaining to subsurface, underground or other concealed conditions, soils analysis, borings, test pits, utility locations or conditions, buried structures, condition of existing structures, and other investigations is or has been provided by Owner, or is or has been otherwise made available to Contractor by Owner, such information is or has been provided or made available solely for the convenience of Contractor and is not part of this Contract. Owner assumes no responsibility whatever in respect to the sufficiency or accuracy of such information, and there is no guaranty or warranty, either expressed or implied, that the conditions indicated are representative of those existing throughout the Work or the Work Site, or that the conditions indicated are representative of those existing at any particular location, or that the conditions indicated may not change, or that unanticipated conditions may not be present.

Contractor shall be solely responsible for locating all existing underground installations by prospecting no later than two workdays prior to any scheduled excavation or trenching, whichever is earlier. Contractor shall check all dimensions, elevations, and quantities indicated in this Contract within the same time period as set forth above for prospecting underground installations. Contractor shall lay out the Work in accordance with this Contract and shall establish and maintain such locations, lines, and levels. Wherever pre-existing work is encountered, Contractor shall verify and be responsible for dimensions and location of such pre-existing work. Contractor shall notify Owner of any discrepancy between the dimensions, elevations, and quantities indicated in this Contract and the conditions of the Work Site or any other errors, omissions or discrepancies which Contract may discover during such inspections. Full instructions will be furnished by Owner should such error, omission, or discrepancy be discovered, and Contractor shall carry out such instructions as if originally specified and without any increase in Contract Price.

Before Final Acceptance of the Work, Contractor shall submit to Owner two sets of Drawings of Record, unless a greater number is specified elsewhere in this Contract, indicating al field deviations from Attachment B or the drawings identified in Attachment C.

1.6 Technical Ability to Perform

Contractor represents and warrants that it is sufficiently experienced and competent, and has the necessary capital, facilities, plant, organization, and staff, to provide, perform, and complete the Work in full compliance with, and as required by or pursuant to, this Contract.

1.7 Financial Ability to Perform

Contractor represents and warrants that it is financially solvent, and Contractor has the financial resources necessary to provide, perform, and complete the Work in full compliance with, and as required by or pursuant to, this Contract.

1.8 Time

Contractor represents and warrants that it is ready, willing, able and prepared to begin the Work on the Commencement Date and that the Contract Time is sufficient time to permit completion of the Work in full compliance with, and as required by or pursuant to, this Contract for the Contract Price, all with due regard to all natural and man-made conditions that may affect the Work or the Work Site and all difficulties, hindrances, and delays that may be incident to the Work. Specifically, and without limitation of the foregoing, Contractor acknowledges and agrees that Contractor shall be responsible for completion of all Work within the Contract Time, notwithstanding any strike or other work stoppage by employees of either Contractor or of Owner.

1.9 Safety at the Work Site

Contractor shall be solely and completely responsible for providing and maintaining safe conditions at the Work Site, including the safety of all persons and property during performance of the Work. This requirement shall apply continuously and shall not be limited to normal working hours. Contractor shall take all safety precautions as shall be necessary to comply with all applicable laws and to prevent injury to persons and damage to property.

Contractor shall conduct all of its operations without interruption or interference with vehicular and pedestrian traffic on public and private rights-of-way, unless it has obtained permits therefore from the proper authorities. If any public or private right-of-way shall be rendered unsafe by Contractor's operations, Contractor shall make such repairs or provide such temporary ways or guards as shall be acceptable to the proper authorities.

1.10 Cleanliness of the Work Site and Environs

Contractor shall keep the Work Site and adjacent areas clean at all times during performance of the Work and shall, upon completion of the Work, leave the Work Site and adjacent areas in a clean and orderly condition.

1.11 Damage to the Work, the Work Site, and Other Property

The Work and everything pertaining thereto shall be provided, performed, completed, and maintained at the sole risk and cost of Contractor from the Commencement Date until Final Payment. Contractor shall be fully responsible for the protection of all public and private property and all persons. Without limiting the foregoing, Contractor shall, at its own cost and expense, provide all permanent and temporary shoring, anchoring and bracing required by the nature of the Work in order to make all parts absolutely stable and rigid, even when such shoring, anchoring and bracing is not explicitly specified, and support and protect all buildings, bridges, roadways, conduits, wires, water pipes, gas pipes, sewers, pavements, curbs, sidewalks, fixtures and landscaping of all kinds and all other public or private property that may be encountered or endangered in providing, performing and completing the Work. Contractor shall have no claim against Owner because of any damage or loss to the Work or to Contractor's equipment, materials, or supplies from any cause whatsoever, including damage or loss due to simultaneous work by others. Contractor shall, promptly and without charge to Owner, repair or replace, to the satisfaction of Owner, any damage done to, and any loss suffered by, the Work and any damage done to, and any loss suffered by, the Work Site or other property as a result of the Work. Notwithstanding any other provision of this Contract, Contractor's obligations under this Section shall exist without regard to, and shall not be construed to be waived by, the availability or unavailability of any insurance, either of Owner or Contractor, to indemnify, hold harmless, or reimburse Contractor for the cost of any repair or replacement work required by this Section.

1.12 Subcontractors and Suppliers

A. Approval and Use of Subcontractors and Suppliers. Contractor shall perform the Work with its own personnel and under the management, supervision, and control of its own organization unless otherwise approved by Owner in writing. All subcontractors, suppliers, and subcontracts used by Contractor shall be acceptable to, and approved in advance by, Owner. Owner's approval of any subcontractor, supplier, and subcontract shall not relieve Contractor of full responsibility and liability for the provision, performance, and completion of the Work in full compliance with, and as required by or pursuant to, this Contract. All Work performed under any subcontract shall be subject to all of the provisions of this Contract in the same manner as if performed by employees of Contractor. Every reference in this Contract to "Contractor" shall be deemed also to refer to all subcontractors and suppliers of Contractor. Every subcontract shall include a provision binding the subcontractor or supplier to all provisions of this Contract.

B. Removal of Subcontractors and Suppliers. If any subcontractor or supplier fails to perform the part of the Work undertaken by it in a manner satisfactory to Owner, Contractor shall immediately upon notice from Owner terminate such subcontractor or supplier. Contractor shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such termination.

1.13 Simultaneous Work By Others

Owner shall have the right to perform or have performed such other work, as Owner may desire in, about, or near the Work Site during the performance of the Work by Contractor. Contractor shall make every reasonable effort to perform the Work in such manner as to enable both the Work and such other work to be completed without hindrance or interference from each other. Contractor shall afford Owner and other contractors reasonable opportunity for the execution of such other work and shall properly coordinate the Work with such other work.

1.14 Occupancy Prior to Final Payment

Owner shall have the right, at its election, to occupy, use, or place in service any part of the Work prior to Final Payment. Such occupancy, use, or placement in service shall be conducted in such manner as not to damage any of the Work or to unreasonably interfere with the progress of the Work. No such occupancy, use, or placement in service shall be construed as an acceptance of any of the Work or a release or satisfaction of Contractor's duty to insure and protect the Work, not shall it, unless conducted in an unreasonable manner, be considered as an interference with Contractor's provision, performance, or completion of the Work.

1.15 Owner's Right to Terminate or Suspend Work for Convenience

A. Termination or Suspension for Convenience. Owner shall have the right, for its convenience, to terminate or suspend the Work in whole or in part at any time by written notice to Contractor. Every such notice shall state the extent and effective date of such termination or suspension. On such effective date, Contractor shall, as and to the extent directed, stop Work under this Contract, cease all placement of further orders or subcontracts, terminate or suspend Work under existing orders and subcontracts, cancel any outstanding orders or subcontracts that may be cancelled, and take any action necessary to protect any property in its possession in which Owner has or may acquire any interest and to dispose of such property in such manner as may be directed by Owner.

B. Payment for Completed Work. In the event of any termination pursuant to Subsection 1.15A above, Owner shall pay Contractor (1) such direct costs, excluding overhead, as Contractor shall have paid or incurred for all Work done in compliance with, and as required by or pursuant to, this Contract up to the effective date of termination together with ten percent of such costs for overhead and profit; and (2) such other costs pertaining to the Work, exclusive of overhead and profit, as Contractor may have reasonably and necessarily incurred as the result of such termination. Any such payment shall be offset by any prior payment or payments and shall be subject to Owner's rights to withhold and deduct as provided in this Contract.

ARTICLE II
CHANGES AND DELAYS

2.1 Changes

Owner shall have the right, by written order executed by Owner, to make changes in the Contract, the Work, the Work Site, and the Contract Time ("***Change Order***"). If any Change Order causes an increase or decrease in the amount of the Work, an equitable adjustment in the Contract Price or Contract Time may be made. All claims by Contractor for an equitable adjustment in either the Contract Price or the Contract Time shall be made within two business days following receipt of such Change Order, and shall, if not made prior to such time, be conclusively deemed to have been waived. No decrease in the amount of the

Work caused by any Change Order shall entitle Contractor to make any claim for damages, anticipated profits, or other compensation.

2.2 Delays

A. Extensions for Unavoidable Delays. For any delay that may result from causes that could not be avoided or controlled by Contractor, Contractor shall, upon timely written application, be entitled to issuance of a Change Order providing for an extension of the Contract Time for a period of time equal to the delay resulting from such unavoidable cause. No extension of the Contract Time shall be allowed for any other delay in completion of the Work.

B. No Compensation for Delays. No payment, compensation, damages, or adjustment of any kind, other than the extension of the Contract Time provided in Subsection 2.2A above, shall be made to, or claimed by, Contractor because of hindrances or delays from any cause in the commencement, prosecution, or completion of the Work, whether caused by Owner or any other party and whether avoidable or unavoidable.

ARTICLE III

CONTRACTOR'S RESPONSIBILITY FOR DEFECTIVE WORK

3.1 Inspection; Testing; Correction of Defects

A. Inspection. Until Final Payment, all parts of the Work shall be subject to inspection and testing by Owner or its designated representatives. Contractor shall furnish, at its own expense, all reasonable access, assistance, and facilities required by Owner for such inspection and testing.

B. Re-Inspection. Re-inspection and re-testing of any Work may be ordered by Owner at any time, and, if so ordered, any covered or closed Work shall be uncovered or opened by Contractor. If the Work is found to be in full compliance with this Contract, then Owner shall pay the cost of uncovering, opening, re-inspecting, or re-testing, as the case may be. If such Work is not in full compliance with this Contract, then Contractor shall pay such cost.

C. Correction. Until Final Payment, Contractor shall, promptly and without charge, repair, correct, or replace all or any part of the Work that is defective, damaged, flawed, or unsuitable or that in any way fails to conform strictly to the requirements of this Contract.

3.2 Warranty of Work

A. Scope of Warranty. Contractor warrants that the Work and all of its components shall be free from defects and flaws in design, workmanship, and materials; shall strictly conform to the requirements of this Contract; and shall be fit, sufficient, and suitable for the purposes expressed in, or reasonably inferred from, this Contract. The warranty herein expressed shall be in addition to any other warranties expressed in this Contract, or expressed or implied by law, which are hereby reserved unto Owner.

B. Repairs; Extension of Warranty. Contractor shall, promptly and without charge, correct any failure to fulfill the above warranty that may be discovered or develop at any time within one year after Final Payment or such longer period as may be prescribed in Attachment B or Attachment D to this Contract or by law. The above warranty shall be extended automatically to cover all repaired and replacement parts and labor provided or performed under such warranty and Contractor's obligation to correct Work shall be extended for a period of one year from the date of such repair or replacement. The time period established in this Subsection 3.2B relates only to the specific obligation of Contractor to correct Work and shall not be construed to establish a period of limitation with respect to other obligations that Contractor has under this Contract.

C. Subcontractor and Supplier Warranties. Whenever Attachment B or Attachment D requires a subcontractor or supplier to provide a guaranty or warranty, Contractor shall be solely responsible for obtaining said guaranty or warranty in form satisfactory to Owner and assigning said warranty or guaranty to Owner. Acceptance of any assigned warranties or guaranties by Owner shall be a precondition to Final Payment and shall not relieve Contractor of any of its guaranty or warranty obligations under this Contract.

3.3 Owner's Right to Correct

If, within two business days after Owner gives Contractor notice of any defect, damage, flaw, unsuitability, nonconformity, or failure to meet warranty subject to correction by Contractor pursuant to Section 3.1 or Section 3.2 of this Contract, Contractor neglects to make, or undertake with due diligence to make, the necessary corrections, then Owner shall be entitled to make, either with its own forces or with contract forces, the corrections and to recover from Contractor all resulting costs, expenses, losses, or damages, including attorneys' fees and administrative expenses.

ARTICLE IV
FINANCIAL ASSURANCES

4.1 Bonds

Contemporaneous with Contractor's execution of this Contract, Contractor shall provide a Performance Bond and a Labor and Material Payment Bond, on forms provided by, or otherwise acceptable to, Owner, from a surety company licensed to do business in the State of Illinois with a general rating of A minus and a financial size category of Class X or better in Best's Insurance Guide, each in the penal sum of the Contract Price ("***Bonds***"). Contractor shall, at all times while providing, performing, or completing the Work, including, without limitation, at all times while correcting any failure to meet warranty pursuant to Section 3.2 of this Contract, maintain and keep in force, at Contractor's expense, the Bonds required hereunder.

4.2 Insurance

Contemporaneous with Contractor's execution of this Contract, Contractor shall provide certificates and policies of insurance evidencing the minimum insurance coverage and limits set forth in Attachment A. For good cause shown, Owner may extend the time for submission of the required policies of insurance upon such terms, and with such assurances of complete and prompt performance, as Owner may impose in the exercise of its sole discretion. Such policies shall be in a form, and from companies, acceptable to Owner. Such insurance shall provide that no change, modification in, or cancellation of any insurance shall become effective until the expiration of 30 days after written notice thereof shall have been given by the insurance company to Owner. Contractor shall, at all times while providing, performing, or completing the Work, including, without limitation, at all times while correcting any failure to meet warranty pursuant to Section 3.2 of this Contract, maintain and keep in force, at Contractor's expense, the minimum insurance coverage and limits set forth in Attachment A.

4.3 Indemnification

Contractor shall indemnify, save harmless, and defend Owner against any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses, including attorneys' fees and administrative expenses, that may arise, or be alleged to have arisen, out of or in connection with Contractor's performance of, or failure to perform, the Work or any part thereof, whether or not due or claimed to be due in whole or in part to the active, passive, or concurrent negligence or fault of Contractor, except to the extent caused by the sole negligence of Owner.

ARTICLE V
PAYMENT

5.1 Contract Price

Owner shall pay to Contractor, in accordance with and subject to the terms and conditions set forth in this Article V and Attachment A, and Contractor shall accept in full satisfaction for providing, performing, and completing the Work, the amount or amounts set forth in Attachment A ("***Contract Price***"), subject to any additions, deductions, or withholdings provided for in this Contract.

5.2 Taxes and Benefits

Owner is exempt from and shall not be responsible to pay, or reimburse Contractor for, any state or local sales, use, or excise taxes. The Contract Price includes all other applicable federal, state, and local taxes of every kind and nature applicable to the Work as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits. All claim or right to claim additional compensation by reason of the payment of any such tax, contribution, or premium is hereby waived and released by Contractor.

5.3 Progress Payments

A. Payment in Installments. The Contract Price shall be paid in monthly installments in the manner set forth in Attachment A ("***Progress Payments***").

B. Pay Requests. Contractor shall, as a condition precedent to its right to receive each Progress Payment, submit to Owner a pay request in the form provided by Owner ("***Pay Request***"). The first Pay Request shall be submitted not sooner than 60 days following commencement of work. Owner may, by written notice to Contractor, designate a specific day of each month on or before which Pay Requests must be submitted. Each Pay Request shall include (a) Contractor's certification of the value of, and partial or final waivers of lien covering, all Work for which payment is then requested and (b) Contractor's certification that all prior Progress Payments have been properly applied to the payment or reimbursement of the costs with respect to which they were paid.

C. Work Entire. This Contract and the Work are entire and the Work as a whole is of the essence of this Contract. Notwithstanding any other provision of this Contract, each and every part of this Contract and of the Work are interdependent and common to one another and to Owner's obligation to pay all or any part of the Contract Price or any other consideration for the Work. Any and all Progress Payments made pursuant to this Article are provided merely for the convenience of Contractor and for no other purpose.

5.4 Final Acceptance and Final Payment

A. Notice of Completion. When the Work has been completed and is ready in all respects for acceptance by Owner, Contractor shall notify Owner and request a final inspection ("***Notice of Completion***"). Contractor's Notice of Completion shall be given sufficiently in advance of the Completion Date to allow for scheduling of the final inspection and for completion or correction before the Completion Date of any items identified by such inspection as being defective, damaged, flawed, unsuitable, nonconforming, incomplete, or otherwise not in full compliance with, or as required by or pursuant to, this Contract ("***Punch List Work***").

B. Punch List and Final Acceptance. The Work shall be finally accepted when, and only when, the whole and all parts thereof shall have been completed to the satisfaction of Owner in full compliance with, and as required by or pursuant to, this Contract. Upon receipt of Contractor's Notice of Completion, Owner shall make a review of the Work and notify Contractor in writing of all Punch List Work, if any, to be completed or corrected. Following Contractor's completion or correction of all Punch List Work, Owner shall make another review of the Work and prepare and deliver to Contractor either a

written notice of additional Punch List Work to be completed or corrected or a written notice of final acceptance of the Work ("***Final Acceptance***").

C. Final Payment. As soon as practicable after Final Acceptance, but in no event later than 30 days after Final Acceptance, Contractor shall submit to Owner a properly completed final Pay Request in the form provided by Owner ("***Final Pay Request***"), which Final Pay Request shall include, without limitation: (i) all final waivers of lien, consistent with the requirements set forth in Section 5.5B of this Contract; and (ii) all final certified payrolls, as required pursuant to Section 7.11B of this Contract. Owner shall pay to Contractor the balance of the Contract Price, after deducting there from all charges against Contractor as provided for in this Contract ("***Final Payment***"). Final Payment shall be made not later than 60 days after Owner approves the Final Pay Request. The acceptance by Contractor of Final Payment shall operate as a full and complete release of Owner of and from any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses of, by, or to Contractor for anything done, furnished for, arising out of, relating to, or in connection with the Work or for or on account of any act or neglect of Owner arising out of, relating to, or in connection with the Work.

5.5 Liens

A. Title. Nothing in this Contract shall be construed as vesting in Contractor any right of property in any equipment, materials, supplies, and other items provided under this Contract after they have been installed in, incorporated into, attached to, or affixed to, the Work or the Work Site. All such equipment, materials, supplies, and other items shall, upon being so installed, incorporated, attached or affixed, become the property of Owner, but such title shall not release Contractor from its duty to insure and protect the Work in accordance with the requirements of this Contract.

B. Waivers of Lien. Contractor shall, from time to time at Owner's request and in any event prior to Final Payment, furnish to Owner such receipts, releases, affidavits, certificates, and other evidence as may be necessary to establish, to the reasonable satisfaction of Owner, that no lien against the Work or the public funds held by Owner exists in favor of any person whatsoever for or by reason of any equipment, material, supplies, or other item furnished, labor performed, or other thing done in connection with the Work or this Contract ("***Lien***") and that no right to file any Lien exists in favor of any person whatsoever.

C. Removal of Liens. If at any time any notice of any Lien is filed, then Contractor shall, promptly and without charge, discharge, remove, or otherwise dispose of such Lien. Until such discharge, removal, or disposition, Owner shall have the right to retain from any money payable hereunder an amount that Owner, in its sole judgment, deems necessary to satisfy such Lien and to pay the costs and expenses, including attorneys' fees and administrative expenses, of any actions brought in connection therewith or by reason thereof.

D. Protection of Owner Only. This Section shall not operate to relieve Contractor's surety or sureties from any of their obligations under the Bonds, nor shall it be deemed to vest any right, interest, or entitlement in any subcontractor or supplier. Owner's retention of funds pursuant to this Section shall be deemed solely for the protection of its own interests pending removal of such Liens by Contractor, and Owner shall have no obligation to apply such funds to such removal but may, nevertheless, do so where Owner's interests would thereby be served.

5.6 Deductions

A. Owner's Right to Withhold. Notwithstanding any other provision of this Contract and without prejudice to any of Owner's other rights or remedies, Owner shall have the right at any time or times, whether before or after approval of any Pay Request, to deduct and withhold from any Progress or Final Payment that may be or become due under this Contract such amount as may reasonably appear necessary to compensate Owner for any actual or prospective loss due to: (1) Work that is defective, damaged, flawed, unsuitable, nonconforming, or incomplete; (2) damage for which Contractor is liable under this Contract; (3) state or local sales, use, or excise taxes from which Owner is exempt; (4) Liens or

claims of Lien regardless of merit; (5) claims of subcontractors, suppliers, or other persons regardless of merit; (6) delay in the progress or completion of the Work; (7) inability of Contractor to complete the Work; (8) failure of Contractor to properly complete or document any Pay Request; (9) any other failure of Contractor to perform any of its obligations under this Contract; or (10) the cost to Owner, including attorneys' fees and administrative costs, of correcting any of the aforesaid matters or exercising any one or more of Owner's remedies set forth in Section 6.3 of this Contract.

B. Use of Withheld Funds. Owner shall be entitled to retain any and all amounts withheld pursuant to Subsection 5.6A above until Contractor shall have either performed the obligations in question or furnished security for such performance satisfactory to Owner. Owner shall be entitled to apply any money withheld or any other money due Contractor under this Contract to reimburse itself for any and all costs, expenses, losses, damages, liabilities, suits, judgments, awards, attorneys' fees and administrative expenses incurred, suffered, or sustained by Owner and chargeable to Contractor under this Contract.

ARTICLE VI
DISPUTES AND REMEDIES

6.1 Dispute Resolution Procedure

A. Notice of Disputes and Objections. If Contractor disputes or objects to any requirement, direction, instruction, interpretation, determination, or decision of Owner, Contractor may notify Owner in writing of its dispute or objection and of the amount of any equitable adjustment to the Contract Price or Contract Time to which Contractor claims it will be entitled as a result thereof; provided, however, that Contractor shall, nevertheless, proceed without delay to perform the Work as required, directed, instructed, interpreted, determined, or decided by Owner, without regard to such dispute or objection. Unless Contractor so notifies Owner within two business days after receipt of such requirement, direction, instruction, interpretation, determination, or decision, Contractor shall be conclusively deemed to have waived all such disputes or objections and all claims based thereon.

B. Negotiation of Disputes and Objections. To avoid and settle without litigation any such dispute or objection, Owner and Contractor agree to engage in good faith negotiations. Within three business days after Owner's receipt of Contractor's written notice of dispute or objection, a conference between Owner and Contractor shall be held to resolve the dispute. Within three business days after the end of the conference, Owner shall render its final decision, in writing, to Contractor. If Contractor objects to the final decision of Owner, then it shall, within three business days, give Owner notice thereof and, in such notice, shall state its final demand for settlement of the dispute. Unless Contractor so notifies Owner, Contractor shall be conclusively deemed (1) to have agreed to and accepted Owner's final decision and (2) to have waived all claims based on such final decision.

6.2 Contractor's Remedies

If Owner fails or refuses to satisfy a final demand made by Contractor pursuant to Section 6.1 of this Contract, or to otherwise resolve the dispute which is the subject of such demand to the satisfaction of Contractor, within ten days following receipt of such demand, then Contractor shall be entitled to pursue such remedies, not inconsistent with the provisions of this Contract, as it may have in law or equity.

6.3 Owner's Remedies

If it should appear at any time prior to Final Payment that Contractor has failed or refused to prosecute, or has delayed in the prosecution of, the Work with diligence at a rate that assures completion of the Work in full compliance with the requirements of this Contract on or before the Completion Date, or has attempted to assign this Contract or Contractor's rights under this Contract, either in whole or in part, or has falsely made any representation or warranty in this Contract, or has otherwise failed, refused, or delayed to perform or satisfy any other requirement of this Contract or has failed to pay its debts as they come due ("***Event of Default***"), and has failed to cure any such Event of Default within five business days

after Contractor's receipt of written notice of such Event of Default, then Owner shall have the right, at its election and without prejudice to any other remedies provided by law or equity, to pursue any one or more of the following remedies:

1. Owner may require Contractor, within such reasonable time as may be fixed by Owner, to complete or correct all or any part of the Work that is defective, damaged, flawed, unsuitable, nonconforming, or incomplete; to remove from the Work Site any such Work; to accelerate all or any part of the Work; and to take any or all other action necessary to bring Contractor and the Work into strict compliance with this Contract.

2. Owner may perform or have performed all Work necessary for the accomplishment of the results stated in Paragraph 1 above and withhold or recover from Contractor all the cost and expense, including attorneys' fees and administrative costs, incurred by Owner in connection therewith.

3. Owner may accept the defective, damaged, flawed, unsuitable, nonconforming, incomplete, or dilatory Work or part thereof and make an equitable reduction in the Contract Price.

4. Owner may terminate this Contract without liability for further payment of amounts due or to become due under this Contract.

5. Owner may, without terminating this Contract, terminate Contractor's rights under this Contract and, for the purpose of completing or correcting the Work, evict Contractor and take possession of all equipment, materials, supplies, tools, appliances, plans, specifications, schedules, manuals, drawings, and other papers relating to the Work, whether at the Work Site or elsewhere, and either complete or correct the Work with its own forces or contracted forces, all at Contractor's expense.

6. Upon any termination of this Contract or of Contractor's rights under this Contract, and at Owner's option exercised in writing, any or all subcontracts and supplier contracts of Contractor shall be deemed to be assigned to Owner without any further action being required, but Owner shall not thereby assume any obligation for payments due under such subcontracts and supplier contracts for any Work provided or performed prior to such assignment.

7. Owner may withhold from any Progress Payment or Final Payment, whether or not previously approved, or may recover from Contractor, any and all costs, including attorneys' fees and administrative expenses, incurred by Owner as the result of any Event of Default or as a result of actions taken by Owner in response to any Event of Default.

8. Owner may recover any damages suffered by Owner.

6.4 <u>Owner's Special Remedy for Delay</u>

If the Work is not completed by Contractor, in full compliance with, and as required by or pursuant to, this Contract, within the Contract Time as such time may be extended by Change Order, then Owner may invoke its remedies under Section 6.3 of this Contract or may, in the exercise of its sole and absolute discretion, permit Contractor to complete the Work but charge to Contractor, and deduct from any Progress or Final Payments, whether or not previously approved, administrative expenses and costs for each day completion of the Work is delayed beyond the Completion Date, computed on the basis of the "Per Diem Administrative Charge" set forth in Attachment A, as well as any additional damages caused by such delay.

6.5 Terminations and Suspensions Deemed for Convenience

Any termination or suspension of Contractor's rights under this Contract for an alleged default that is ultimately held unjustified shall automatically be deemed to be a termination or suspension for the convenience of Owner under Section 1.15 of this Contract.

ARTICLE VII
LEGAL RELATIONSHIPS AND REQUIREMENTS

7.1 Binding Effect

This Contract shall be binding upon Owner and Contractor and upon their respective heirs, executors, administrators, personal representatives, and permitted successors and assigns. Every reference in this Contract to a party shall also be deemed to be a reference to the authorized officers, employees, agents, and representatives of such party.

7.2 Relationship of the Parties

Contractor shall act as an independent contractor in providing and performing the Work. Nothing in, nor done pursuant to, this Contract shall be construed (1) to create the relationship of principal and agent, partners, or joint ventures between Owner and Contractor or (2) except as provided in Paragraph 6.3(6) above, to create any relationship between Owner and any subcontractor or supplier of Contractor.

7.3 No Collusion

Contractor hereby represents that the only persons, firms, or corporations interested in this Contract as principals are those disclosed to Owner prior to the execution of this Contract, and that this Contract is made without collusion with any other person, firm, or corporation. If at any time it shall be found that Contractor has, in procuring this Contract, colluded with any other person, firm, or corporation, then Contractor shall be liable to Owner for all loss or damage that Owner may suffer thereby, and this Contract shall, at Owner's option, be null and void.

7.4 Assignment

Contractor shall not (1) assign this Contract in whole or in part, (2) assign any of Contractor's rights or obligations under this Contract, or (3) assign any payment due or to become due under this Contract without the prior express written approval of Owner, which approval may be withheld in the sole and unfettered discretion of Owner; provided, however, that Owner's prior written approval shall not be required for assignments of accounts, as defined in the Illinois Commercial Code, if to do so would violate Section 9-318 of the Illinois Commercial Code, 810 ILCS 5/9-318. Owner may assign this Contract, in whole or in part, or any or all of its rights or obligations under this Contract, without the consent of Contractor.

7.5 Confidential Information

All information supplied by Owner to Contractor for or in connection with this Contract or the Work shall be held confidential by Contractor and shall not, without the prior express written consent of Owner, be used for any purpose other than performance of the Work.

7.6 No Waiver

No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by Owner, nor any order by Owner for the payment of money, nor any payment for, or use, occupancy, possession, or acceptance of, the whole or any part of the Work by Owner, nor any extension of time granted by Owner, nor any delay by Owner in exercising any right under this Contract, nor any other act or omission of Owner shall constitute or be deemed to be an acceptance of any defective, damaged, flawed, unsuitable, nonconforming or incomplete Work, equipment, materials, or supplies, nor operate to waive or otherwise diminish the effect of any warranty or representation made by Contractor; or of any requirement or provision of this Contract; or of any remedy, power, or right of Owner.

7.7 No Third Party Beneficiaries

No claim as a third party beneficiary under this Contract by any person, firm, or corporation other than Contractor shall be made, or be valid, against the Owner or the Contractor.

7.8 Notices

All notices required or permitted to be given under this Contract shall be in writing and shall be delivered (i) personally, (ii) by a reputable overnight courier or (iii) by certified mail, return receipt requested, and deposited in the U.S. mail, postage prepaid. Unless otherwise expressly provided in this Agreement, notices shall be deemed received upon the earlier of (a) actual receipt; (b) one business day after deposit with an overnight courier as evidenced by a receipt of deposit; or (c) three business days following deposit in the U.S. mail, as evidenced by a return receipt. By notice complying with the requirements of this Section, each party shall have the right to change the address or addressee, or both, for all future notices and communications to the other party but no notice of a change of address or addressee shall be effective until actually received. Notices and communications to the Owner shall be addressed to, and delivered at, the following address:

City of Highland Park
1150 Half Day Road
Highland Park, IL 60035
Attention: City Engineer

With a copy to: Elrod Friedman, LLP.
350 North Clark Street, Second Floor
Chicago, Illinois 60654
Attention: Steven M. Elrod, Corporation Counsel

Notices and communications to the Contractor shall be addressed to, and delivered at, the following address:

_____

_____

_____

_____

_____

7.9 Governing Laws

This Contract shall be governed by, construed, and enforced in accordance with the internal laws, but not the conflicts of laws rules, of the State of Illinois.

7.10 Changes in Laws

Unless otherwise provided in this Contract, any reference to existing law shall be deemed to include any modifications of, or amendments, to existing law that may occur in the future.

7.11 Compliance with Laws

A. Compliance with Laws. Contractor shall give all notices, pay all fees, and take all other action that may be necessary to ensure that the Work is provided, performed, and completed in accordance with all required governmental permits, licenses or other approvals and authorizations that may be required in connection with providing, performing, and completing the Work, and with all applicable statutes, ordinances, rules, and regulations, including without limitation the Prevailing Wage Act, 820 ILCS 130/0.01 et seq. (if the Illinois Department of Labor revises the prevailing rate of hourly wages to be paid, the revised rate shall apply to this Contract); any other prevailing wage laws; the Fair Labor Standards Act; any statutes regarding qualification to do business; any statutes requiring preference to laborers of specified classes including, without limitation, the Employment of Illinois Workers on Public Works Act, 30 ILCS 570/0.01 et seq.; the Illinois Steel Products Procurement Act, 30 ILCS 565/1 et seq.; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. §§ 12101 et seq., the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., and the Public Works Discrimination Act, 775 ILCS 10/1 et seq.; and any statutes regarding safety or the performance of the Work, including the Illinois Underground Utility Facilities Damage Prevention Act, and the Occupational Safety and Health Act. Contractor shall also comply with all conditions of any federal, state, or local grant received by Owner or Contractor with respect to this Contract or the Work. Further, Contractor shall have a written sexual harassment policy in compliance with Section 2-105 of the Illinois Human Rights Act.

B. Certified Payrolls. Contractor shall, in accordance with Section 5 of the Illinois Prevailing Wage Act, 820 ILCS 130/5, submit to Owner, on a monthly basis, a certified payroll. The certified payroll shall consist of a complete copy of those records required to be made and kept by the Prevailing Wage Act. The certified payroll shall be accompanied by a statement signed by Contractor or subcontractor which certifies that: (1) such records are true and accurate; (2) the hourly rate paid is not less than the general prevailing rate of hourly wages required by the Prevailing Wage Act; and (3) Contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class B misdemeanor. A general contractor may rely upon the certification of a lower tier subcontractor, provided that the general contractor does not knowingly rely upon a subcontractor's false certification. Upon two business days' notice, Contractor and each subcontractor shall make available for inspection the records required to be made and kept by the Act: (i) to Owner, its officers and agents, and to the Director of the Illinois Department of Labor and his or hers deputies and agents; and (ii) at all reasonable hours at a location within this State.

C. Liability for Noncompliance. Contractor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Contractor's, or its subcontractors' or suppliers', performance of, or failure to perform, the Work or any part thereof.

D. Required Provisions. Every provision of law required by law to be inserted into this Contract shall be deemed to be inserted herein.

7.12 Compliance with Patents

A. Assumption of Costs, Royalties, and Fees. Contractor shall pay or cause to be paid all costs, royalties, and fees arising from the use on, or the incorporation into, the Work, of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions.

B. Effect of Contractor Being Enjoined. Should Contractor be enjoined from furnishing or using any equipment, materials, supplies, tools, appliances, devices, processes, or inventions supplied or required to be supplied or used under this Contract, Contractor shall promptly offer substitute equipment, materials, supplies, tools, appliances, devices, processes, or inventions in lieu thereof, of equal efficiency, quality, suitability, and market value, for review by Owner. If Owner should disapprove the offered

substitutes and should elect, in lieu of a substitution, to have supplied, and to retain and use, any such equipment, materials, supplies, tools, appliances, devices, processes, or inventions as may by this Contract be required to be supplied, Contractor shall pay such royalties and secure such valid licenses as may be requisite and necessary for Owner to use such equipment, materials, supplies, tools, appliances, devices, processes, or inventions without being disturbed or in any way interfered with by any proceeding in law or equity on account thereof. Should Contractor neglect or refuse to make any approved substitution promptly, or to pay such royalties and secure such licenses as may be necessary, then Owner shall have the right to make such substitution, or Owner may pay such royalties and secure such licenses and charge the cost thereof against any money due Contractor from Owner or recover the amount thereof from Contractor and its surety or sureties notwithstanding that Final Payment may have been made.

7.13 Time of the Essence

Time is of the essence in the performance of all terms and provisions of this Contract Calendar Days and Time.

7.14 Calendar Days and Time

Unless otherwise provided in this Contract, any reference in this Contract to "day" or "days" shall mean calendar days and not business days. If the date for giving of any notice required to be given, or the performance of any obligation, under this Contract falls on a Saturday, Sunday, or federal holiday, then the notice or obligation may be given or performed on the next business day after that Saturday, Sunday, or federal holiday.

7.15 Severability

It is hereby expressed to be the intent of the parties to this Contract that should any provision, covenant, agreement, or portion of this Contract or its application to any Person or property be held invalid by a court of competent jurisdiction, the remaining provisions of this Contract and the validity, enforceability, and application to any Person or property shall not be impaired thereby, but the remaining provisions shall be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Contract to the greatest extent permitted by applicable law.

7.16 Entire Agreement

This Contract constitutes the entire agreement between the parties to this Contract concerning the work and supersedes all prior agreements and negotiations between the parties, whether written or oral relating to the subject matter of this Contract.

7.17 Amendments and Modifications

No amendment or modification to this Contract shall be effective until it is reduced to writing and approved and executed by the corporate authorities of the parties in accordance with all applicable statutory procedures.

7.18 Conflicts of Interest

Contractor represents and certifies that, to the best of its knowledge, (1) no elected or appointed official, employee or agent of Owner has a personal financial interest in the business of the Contractor or in this Contract, or has personally received payment or other consideration for this Contract; (2) as of the date of this Contract, neither Contractor nor any person employed or associated with Contractor has any interest that would conflict in any manner or degree with the performance of the obligations under this Contract; and (3) neither Contractor nor any person employed by or associated with Contractor shall at any time during the term of this Contract obtain or acquire any interest that would conflict in any manner or degree with the performance of the obligations under this Contract.

7.19 Contract Renewal

This Contract may be renewed for no more than four additional and consecutive one-year terms, upon the mutual written consent of the City and Bidder. For all Work performed by Bidder during any renewal term, Bidder shall be paid an amount equal to the total Contract Price, as adjusted by an amount to be mutually agreed by the City and Bidder, and in no event greater than the higher of 3% or the Consumer Price Index for all Urban Consumers published by the Bureau of Labor Statistics of the United States Department of Labor for Chicago-Naperville-Elgin, IL-IN-WI, All Items (1982-84 = $100) for the previous calendar year. ("Renewal Terms").

IN WITNESS WHEREOF, Owner and Contractor have caused this Contract to be executed in three original counterparts as of the day and year first written above.

ATTEST:

_____
Ashley Palbitska, Deputy City Clerk

CITY OF HIGHLAND PARK

_____
Ghida S. Neukirch, City Manager

ATTEST:

By: _____

Print Name: _____

Title: _____

MARTAM CONSTRUCTION INC.:

By: _____
Executing Officer

Print Name: _____

Title: _____

#2149124_v3

STATE OF ILLINOIS)
) SS
COUNTY OF _____)

CONTRACTOR'S CERTIFICATION

_____ **EXECUTING OFFICER**, being first duly sworn on oath, deposes and states that all statements herein made are made on behalf of Contractor, that this deponent is authorized to make them, and that the statements contained herein are true and correct.

Contractor deposes, states, and certifies that Contractor is not barred from contracting with a unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Contractor is contesting, in accordance with the procedures established by the appropriate Revenue Act, its liability for the tax or the amount of tax, as set forth in 65 ILCS 5/11-42.1-1; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33E of the Criminal Code of 2012, 720 ILCS 5/33E-1 et seq.

DATED this _____ day of _____, 20___.

ATTEST: **MARTAM CONSTRUCTION INC.:**

By: _____ By: _____

Print Name: _____ Print Name: _____

Title: _____ Title: _____

Subscribed and sworn to before me this _____ day of _____, 20___

My Commission Expires: _____

_____ [SEAL]
Notary Public

ATTACHMENT A

SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS

1. **Project**:

   The work consists of furnishing all labor, materials, equipment, and other incidentals necessary for the completion of pavement removal, curb and gutter removal, earth excavation, water main, storm sewer, sanitary sewer, hot-mix asphalt pavement, hot-mix asphalt, brick, and Portland cement concrete driveways, combination concrete curb and gutter, and all other items of work in accordance with the Plans, Standard Specifications, and these Special Provisions.

2. **Work Site**:

   The project limits for roadway reconstruction and sanitary and storm sewer installation are Sheridan Road from Edgecliff Drive to the dead-end of Sheridan Road. The project limits for the water main installation are on Sheridan Road from Edgecliff Dr to the northwest dead-end of Sheridan Road, and through an easement on 2744 Sheridan Road and 2787 Oak Street to the parkway in front of 2787 Oak Street.

3. **Permits, Licenses, Approvals, and Authorizations**:

   Contractor shall obtain all required governmental permits, licenses, approvals, and authorizations, except:

   None

4. **Commencement Date**:

   May 4, 2026

5. **Completion Date**:

   October 23, 2026

6. **Invoicing**:

   Invoices must be submitted within sixty (60) days of completion of the Work. The City has no obligation to pay any invoices submitted after sixty (60) days of the completion of the invoiced Work.

7. **Insurance Coverage**:

   A. Worker's Compensation and Employer's Liability with limits not less than:
      (1) Worker's Compensation: Statutory;
      (2) Employer's Liability:
      $500,000 injury-per occurrence
      $500,000 disease-per employee
      $500,000 disease-policy limit

Such insurance shall evidence that coverage applies in the State of Illinois Article 107.02.

B. Comprehensive Motor Vehicle Liability with a combined single limit of liability for bodily injury and property damage of not less than **$1,000,000** for vehicles owned, non-owned, or rented.

All employees shall be included as insured.

C. Comprehensive General Liability with coverage written on an "occurrence" basis and with limits no less than:

(1) General Aggregate: $2,000,000
(2) Bodily Injury: $500,000 per person
$1,000,000 per occurrence
(3) Property Damage: $1,000,000 per occurrence, and
$2,000,000 aggregate
(4) Other Coverage:
Coverages shall include:
- Premises/Operations
- Products/Completed Operations (to be maintained for two years following Final Payment)
- Independent Contractors
- Personal Injury (with Employment Exclusion deleted)
- Broad Form Property Damage Endorsement
- Blanket Contractual Liability (must expressly cover the indemnity provisions of the Contract)
- Bodily Injury and Property Damage

"X", "C", and "U" exclusions shall be deleted.

Railroad exclusions shall be deleted if Work Site is within 50 feet of any railroad track.

All employees shall be included as insured.

D. Umbrella Policy. The $2,000,000 required coverage may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.

E. Owner as Additional Insured. Owner shall be named as an Additional Insured on the required policies excluding worker's compensation.

8. **Contract Price**:

SCHEDULE OF PRICES (SEE ATTACHMENT A-1)

[TO BE SUPPLIED BY BIDDER THROUGH QUESTCDN SUBMITTAL]

9. **Progress Payments**:

A. General. Owner shall pay to Contractor 90 percent of the Value of Work, determined in the manner set forth below, installed and complete in place up to the day before the Pay

Request, less the aggregate of all previous Progress Payments, until 50 percent of contract Value of Work is completed. The total amount of Progress Payments made prior to Final Acceptance by Owner shall not exceed 95 percent of the Contract Price.

B. Value of Work. The Value of the Work shall be determined as follows (when applicable):

(1) Lump Sum Items. For all Work to be paid on a lump sum basis, Contractor shall, not later than 10 days after execution of the Contract and before submitting its first Pay Request, submit to Owner a schedule showing the value of each component part of such Work in form and with substantiating data acceptable to Owner ("***Breakdown Schedule***"). The sum of the items listed in the Breakdown Schedule shall equal the amount or amounts set forth in the Schedule of Prices for Lump Sum Work. An unbalanced Breakdown Schedule providing for overpayment of Contractor on component parts of the Work to be performed first will not be accepted. The Breakdown Schedule shall be revised and resubmitted until acceptable to Owner. No payment shall be made for any lump sum item until Contractor has submitted, and Owner has approved, an acceptable Breakdown Schedule.

Owner may require that the approved Breakdown Schedule be revised based on developments occurring during the provision and performance of the Work. If Contractor fails to submit a revised Breakdown Schedule that is acceptable to Owner, Owner shall have the right either to suspend Progress and Final Payments for Lump Sum Work or to make such Payments based on Owner's determination of the value of the Work completed.

(2) Unit Price Items. For all Work to be paid on a unit price basis, the value of such Work shall be determined by Owner on the basis of the actual number of acceptable units of Unit Price Items installed and complete in place, multiplied by the applicable Unit Price set forth in the Schedule of Prices. The actual number of acceptable units installed and complete in place shall be measured on the basis described in Attachment B to the Contract or, in the absence of such description, on the basis determined by Owner. The number of units of Unit Price Items stated in the Schedule of Prices are Owner's estimate only and shall not be used in establishing the Progress or Final Payments due Contractor. The Contract Price shall be adjusted to reflect the actual number of acceptable units of Unit Price Items installed and complete in place upon Final Acceptance.

C. Application of Payments. All Progress and Final Payments made by Owner to Contractor shall be applied to the payment or reimbursement of the costs with respect to which they were paid and shall not be applied to or used for any pre-existing or unrelated debt between Contractor and Owner or between Contractor and any third party.

END OF SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS

RFP - Sheridan Road Improvements (Edgecliff to North End) (#10088080)
Owner: Highland Park IL, City of
Solicitor: Highland Park IL, City of
03/19/2026 11:00 AM CDT

Section Title	Line Item	Item Code	Item Description	UofM	Quantity	Engineer Estimate		Martam Construction, Inc.		Acqua Contractors Corp		Bolder Contractors	
						Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
BASE BID							$2,235,807.25		$2,586,639.50		$3,115,000.00		$3,589,059.50
	1	20200100	EARTH EXCAVATION	CU YD	730	$ 38.00	$ 27,740.00	$ 110.00	$ 80,300.00	$ 45.00	$ 32,850.00	$ 20.00	$ 14,600.00
	2	20201200	REMOVAL AND DISPOSAL OF UNSUITABLEMATERIAL	CU YD	215	$ 40.00	$ 8,600.00	$ 110.00	$ 23,650.00	$ 50.00	$ 10,750.00	$ 40.00	$ 8,600.00
	3	20800150	TRENCH BACKFILL	CU YD	1501	$ 50.00	$ 75,050.00	$ 102.00	$ 153,102.00	$ 80.00	$ 120,080.00	$ 50.00	$ 75,050.00
	4	21001000	GEOTECHNICAL FABRIC FOR GROUNDSTABILIZATION	SQ YD	1611	$ 2.00	$ 3,222.00	$ 3.00	$ 4,833.00	$ 1.27	$ 2,045.97	$ 1.00	$ 1,611.00
	5	25000300	SEEDING, CLASS 3	ACRE	0.02	$ 50,000.00	$ 1,000.00	$ 93,500.00	$ 1,870.00	$ 10,609.20	$ 212.18	$ 80,000.00	$ 1,600.00
	6	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	76	$ 10.00	$ 760.00	$ 9.00	$ 684.00	$ 5.30	$ 402.80	$ 10.00	$ 760.00
	7	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	26	$ 10.00	$ 260.00	$ 6.00	$ 156.00	$ 21.22	$ 551.72	$ 20.00	$ 520.00
	8	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	1228	$ 2.50	$ 3,070.00	$ 2.00	$ 2,456.00	$ 3.18	$ 3,905.04	$ 2.00	$ 2,456.00
	9	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	294	$ 12.00	$ 3,528.00	$ 15.00	$ 4,410.00	$ 33.83	$ 9,946.02	$ 12.00	$ 3,528.00
	10	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1673	$ 14.00	$ 23,422.00	$ 17.00	$ 28,441.00	$ 36.99	$ 61,884.27	$ 17.00	$ 28,441.00
	11	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0,N50	TON	310	$ 105.00	$ 32,550.00	$ 113.00	$ 35,030.00	$ 109.28	$ 33,876.80	$ 140.00	$ 43,400.00
	12	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5INCH	SQ FT	79	$ 20.00	$ 1,580.00	$ 41.00	$ 3,239.00	$ 12.36	$ 976.44	$ 20.00	$ 1,580.00
	13	44000100	PAVEMENT REMOVAL	SQ YD	1383	$ 15.00	$ 20,745.00	$ 15.00	$ 20,745.00	$ 18.78	$ 25,972.74	$ 24.00	$ 33,192.00
	14	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	395	$ 10.00	$ 3,950.00	$ 15.00	$ 5,925.00	$ 15.91	$ 6,284.45	$ 20.00	$ 7,900.00
	15	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	70	$ 15.00	$ 1,050.00	$ 17.00	$ 1,190.00	$ 12.73	$ 891.10	$ 20.00	$ 1,400.00
	16	44000600	SIDEWALK REMOVAL	SQ FT	99	$ 6.00	$ 594.00	$ 5.00	$ 495.00	$ 5.30	$ 524.70	$ 5.00	$ 495.00
	17	44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	9	$ 120.00	$ 1,080.00	$ 255.00	$ 2,295.00	$ 181.42	$ 1,632.78	$ 300.00	$ 2,700.00
	18	44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	28	$ 105.00	$ 2,940.00	$ 236.00	$ 6,608.00	$ 162.32	$ 4,544.96	$ 250.00	$ 7,000.00
	19	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	113	$ 125.00	$ 14,125.00	$ 144.00	$ 16,272.00	$ 174.46	$ 19,713.98	$ 400.00	$ 45,200.00
	20	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	133	$ 130.00	$ 17,290.00	$ 159.00	$ 21,147.00	$ 181.67	$ 24,162.11	$ 410.00	$ 54,530.00
	21	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	138	$ 140.00	$ 19,320.00	$ 176.00	$ 24,288.00	$ 188.14	$ 25,963.32	$ 430.00	$ 59,340.00
	22	55100300	STORM SEWER REMOVAL 8"	FOOT	98	$ 25.00	$ 2,450.00	$ 25.00	$ 2,450.00	$ 57.62	$ 5,646.76	$ 11.00	$ 1,078.00
	23	56106700	ADJUSTING WATER MAIN 16"	FOOT	12	$ 700.00	$ 8,400.00	$ 3,407.00	$ 40,884.00	$ 3,625.88	$ 43,510.56	$ 1,300.00	$ 15,600.00
	24	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	8	$ 5,000.00	$ 40,000.00	$ 5,675.00	$ 45,400.00	$ 5,503.29	$ 44,026.32	$ 11,000.00	$ 88,000.00
	25	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	$ 5,000.00	$ 5,000.00	$ 5,279.00	$ 5,279.00	$ 5,793.42	$ 5,793.42	$ 11,000.00	$ 11,000.00
	26	60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	2	$ 2,500.00	$ 5,000.00	$ 2,195.00	$ 4,390.00	$ 2,664.69	$ 5,329.38	$ 6,000.00	$ 12,000.00
	27	60500050	REMOVING CATCH BASINS	EACH	3	$ 800.00	$ 2,400.00	$ 729.00	$ 2,187.00	$ 613.03	$ 1,839.09	$ 800.00	$ 2,400.00
	28	60603800	COMBINATION CONCRETE CURB ANDGUTTER, TYPE B-6.12	FOOT	1200	$ 35.00	$ 42,000.00	$ 50.00	$ 60,000.00	$ 48.17	$ 57,804.00	$ 55.00	$ 66,000.00
	29	63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6FOOT POSTS	FOOT	25	$ 100.00	$ 2,500.00	$ 92.00	$ 2,300.00	$ 138.98	$ 3,474.50	$ 160.00	$ 4,000.00
	30	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	$ 850.00	$ 1,700.00	$ 2,133.00	$ 4,266.00	$ 2,015.80	$ 4,031.60	$ 1,500.00	$ 3,000.00
	31	63200310	GUARDRAIL REMOVAL	FOOT	28	$ 25.00	$ 700.00	$ 88.00	$ 2,464.00	$ 74.27	$ 2,079.56	$ 32.00	$ 896.00
	32	67100100	MOBILIZATION	L SUM	1	$125,000.00	$ 125,000.00	$155,200.00	$ 155,200.00	$186,000.00	$ 186,000.00	$214,000.00	$ 214,000.00
	33	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	191	$ 2.25	$ 429.75	$ 6.00	$ 1,146.00	$ 1.27	$ 242.57	$ 2.00	$ 382.00
	34	70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	10	$ 6.50	$ 65.00	$ 22.00	$ 220.00	$ 7.64	$ 76.40	$ 9.00	$ 90.00
	35	70400100	TEMPORARY CONCRETE BARRIER	FOOT	137.5	$ 40.00	$ 5,500.00	$ 43.00	$ 5,912.50	$ 74.27	$ 10,212.13	$ 88.00	$ 12,100.00
	36	70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	35	$ 12.00	$ 420.00	$ 18.00	$ 630.00	$ 15.91	$ 556.85	$ 22.00	$ 770.00
	37	70600241	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	3	$ 5,400.00	$ 16,200.00	$ 4,950.00	$ 14,850.00	$ 3,501.12	$ 10,503.36	$ 3,200.00	$ 9,600.00
	38	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE4"	FOOT	141	$ 1.50	$ 211.50	$ 46.00	$ 6,486.00	$ 32.36	$ 4,562.76	$ 27.00	$ 3,807.00
	39	78300202	PAVEMENT MARKING REMOVAL - WATERBLASTING	SQ FT	47	$ 35.00	$ 1,645.00	$ 110.00	$ 5,170.00	$ 206.88	$ 9,723.36	$ 75.00	$ 3,525.00
	40	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	78	$ 70.00	$ 5,460.00	$ 54.00	$ 4,212.00	$ 145.38	$ 11,339.64	$ 20.00	$ 1,560.00
	41	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	$ 38,800.00	$ 38,800.00	$ 16,140.00	$ 16,140.00	$ 12,647.91	$ 12,647.91	$ 15,000.00	$ 15,000.00
	42	Z0056604	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	82	$ 100.00	$ 8,200.00	$ 191.00	$ 15,662.00	$ 245.59	$ 20,138.38	$ 420.00	$ 34,440.00
	43	Z0056612	STORM SEWER (WATER MAINREQUIREMENTS) 18 INCH	FOOT	108	$ 200.00	$ 21,600.00	$ 265.00	$ 28,620.00	$ 367.95	$ 39,738.60	$ 510.00	$ 55,080.00
	44	Z0058000	SANITARY SEWER (SPECIAL)	FOOT	336	$ 250.00	$ 84,000.00	$ 152.00	$ 51,072.00	$ 191.94	$ 64,491.84	$ 650.00	$ 218,400.00
	45	A2002024	TREE, AESCULUS GLABRA (OHIO BUCKEYE),3" CALIPER, BALLED AND BURLAPPED	EACH	1	$ 800.00	$ 800.00	$ 1,100.00	$ 1,100.00	$ 1,697.51	$ 1,697.51	$ 1,000.00	$ 1,000.00
	46	B2002222	TREE, CRATAEGUS VIRDIS WINTER KING(WINTER KING GREEN HAWTHORN), 3" CALIPER BALLED AND BURLAPPED	EACH	6	$ 800.00	$ 4,800.00	$ 1,100.00	$ 6,600.00	$ 1,485.32	$ 8,911.92	$ 1,000.00	$ 6,000.00
	47	K1005481	SHREDDED BARK MULCH 3"	SQ YD	50	$ 15.00	$ 750.00	$ 11.00	$ 550.00	$ 10.61	$ 530.50	$ 10.00	$ 500.00
	48	X0326806	WASHOUT BASIN	L SUM	1	$ 3,000.00	$ 3,000.00	$ 1,307.00	$ 1,307.00	$ 795.71	$ 795.71	$ 500.00	$ 500.00
	49	X1200198	SANITARY SEWERS, PVC, 8"	FOOT	197	$ 225.00	$ 44,325.00	$ 152.00	$ 29,944.00	$ 185.01	$ 36,446.97	$ 640.00	$ 126,080.00
	50	X1200246	WATERMAIN CASING PIPE	FOOT	41	$ 250.00	$ 10,250.00	$ 175.00	$ 7,175.00	$ 190.15	$ 7,796.15	$ 150.00	$ 6,150.00
	51	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	9	$ 400.00	$ 3,600.00	$ 488.00	$ 4,392.00	$ 1,338.77	$ 12,048.93	$ 50.00	$ 450.00
	52	X4023000	TEMPORARY ACCESS (ROAD)	EACH	1	$ 1,200.00	$ 1,200.00	$ 744.00	$ 744.00	$ 1,667.03	$ 1,667.03	$ 500.00	$ 500.00
	53	X5510306	SANITARY SEWER REMOVAL 6"	FOOT	25	$ 30.00	$ 750.00	$ 45.00	$ 1,125.00	$ 46.09	$ 1,152.25	$ 50.00	$ 1,250.00
	54	X5510308	SANITARY SEWER REMOVAL 8"	FOOT	16	$ 30.00	$ 480.00	$ 45.00	$ 720.00	$ 46.33	$ 741.28	$ 50.00	$ 800.00
	55	X6020399	CONNECTION TO EXISTING MANHOLE	EACH	2	$ 4,000.00	$ 8,000.00	$ 714.00	$ 1,428.00	$ 3,190.22	$ 6,380.44	$ 10,000.00	$ 20,000.00
	56	X6022712	CATCH BASINS, TYPE A, 4'-DIAMETER, WITHSPECIAL FRAME AND GRATE	EACH	4	$ 6,000.00	$ 24,000.00	$ 6,191.00	$ 24,764.00	$ 7,252.64	$ 29,010.56	$ 13,000.00	$ 52,000.00
	57	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1FRAME, CLOSED LID	EACH	5	$ 9,500.00	$ 47,500.00	$ 6,572.00	$ 32,860.00	$ 8,071.69	$ 40,358.45	$ 17,000.00	$ 85,000.00
	58	X6025604	PROPOSED MANHOLE/CATCH BASINCONNECTION OVER EXISTING STORM SEWER	EACH	5	$ 4,000.00	$ 20,000.00	$ 7,189.00	$ 35,945.00	$ 2,908.46	$ 14,542.30	$ 1,400.00	$ 7,000.00
	59	X6025620	CATCH BASINS, TYPE A, 5'-DIAMETER, WITHSPECIAL FRAME AND GRATE	EACH	1	$ 7,000.00	$ 7,000.00	$ 8,157.00	$ 8,157.00	$ 9,590.24	$ 9,590.24	$ 14,000.00	$ 14,000.00
	60	X6026400	MANHOLES, DROP TYPE, 4'-DIAMETER, TYPE 1FRAME, CLOSED LID	EACH	2	$ 33,000.00	$ 66,000.00	$ 8,785.00	$ 17,570.00	$ 52,674.27	$ 105,348.54	$ 24,000.00	$ 48,000.00
	61	X6050220	FILLING EXISTING WELLS	EACH	1	$ 800.00	$ 800.00	$ 1,239.00	$ 1,239.00	$ 500.00	$ 500.00	$ 1,500.00	$ 1,500.00
	62	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	$100,000.00	$ 100,000.00	$227,291.00	$ 227,291.00	$109,930.15	$ 109,930.15	$420,000.00	$ 420,000.00
	63	XX001470	SANITARY SERVICE CONNECTION	EACH	5	$ 2,000.00	$ 10,000.00	$ 780.00	$ 3,900.00	$ 3,072.70	$ 15,363.50	$ 5,000.00	$ 25,000.00
	64	XX003470	SANITARY CLEANOUT 6"	EACH	15	$ 1,500.00	$ 22,500.00	$ 1,467.00	$ 22,005.00	$ 2,985.64	$ 44,784.60	$ 1,600.00	$ 24,000.00
	65	XX003803	SANITARY SEWER SERVICE 6"	FOOT	1098	$ 185.00	$ 203,130.00	$ 218.00	$ 239,364.00	$ 634.92	$ 697,142.16	$ 110.00	$ 120,780.00
	66	HP-002	PRECONSTRUCTION VIDEO RECORDING	L SUM	1	$ 1,000.00	$ 1,000.00	$ 853.00	$ 853.00	$ 899.28	$ 899.28	$ 100.00	$ 100.00
	67	HP-018	BRICK PAVER REMOVAL ANDREINSTALLATION	SQ FT	795	$ 35.00	$ 27,825.00	$ 20.00	$ 15,900.00	$ 15.33	$ 12,187.35	$ 40.00	$ 31,800.00
	68	HP-105-01	AS-BUILT DRAWINGS	L SUM	1	$ 1,000.00	$ 1,000.00	$ 6,490.00	$ 6,490.00	$ 6,259.58	$ 6,259.58	$ 3,000.00	$ 3,000.00
	69	HP-201-01	TREE PROTECTION	FOOT	1387	$ 10.00	$ 13,870.00	$ 5.00	$ 6,935.00	$ 9.28	$ 12,871.36	$ 6.00	$ 8,322.00
	70	HP-201-02	TREE ROOT PRUNING, 24 INCHES DEEP	FOOT	238	$ 5.00	$ 1,190.00	$ 154.00	$ 36,652.00	$ 11.60	$ 2,760.80	$ 10.00	$ 2,380.00
	71	HP-201-03	TREE REMOVAL (<15 INCH DIA)	UNIT	123	$ 50.00	$ 6,150.00	$ 55.00	$ 6,765.00	$ 37.13	$ 4,566.99	$ 32.00	$ 3,936.00
	72	HP-201-04	TREE REMOVAL (>15 INCH DIA)	UNIT	75	$ 70.00	$ 5,250.00	$ 83.00	$ 6,225.00	$ 44.09	$ 3,306.75	$ 38.00	$ 2,850.00
	73	HP-211-01	TOPSOIL FURNISH AND PLACE, VARIABLEDEPTH	SQ YD	1381	$ 8.00	$ 11,048.00	$ 1.00	$ 1,381.00	$ 4.64	$ 6,407.84	$ 14.00	$ 19,334.00
	74	HP-252-01	SODDING (SPECIAL)	SQ YD	1306	$ 20.00	$ 26,120.00	$ 27.00	$ 35,262.00	$ 21.47	$ 28,039.82	$ 18.00	$ 23,508.00
	75	HP-252-02	SUPPLEMENTAL WATERING	EACH	8	$ 100.00	$ 800.00	$ 1.00	$ 8.00	$ 58.02	$ 464.16	$ 400.00	$ 3,200.00
	76	HP-280-01	DRAINAGE STRUCTURE INLET FILTER	EACH	22	$ 200.00	$ 4,400.00	$ 248.00	$ 5,456.00	$ 197.26	$ 4,339.72	$ 50.00	$ 1,100.00
	77	HP-280-02	INLET FILTER CLEANING	EACH	22	$ 40.00	$ 880.00	$ 28.00	$ 616.00	$ 133.91	$ 2,946.02	$ 20.00	$ 440.00
	78	HP-280-03	SILT FENCE	FOOT	925	$ 4.00	$ 3,700.00	$ 6.00	$ 5,550.00	$ 4.06	$ 3,755.50	$ 4.00	$ 3,700.00
	79	HP-403-01	BITUMINOUS MATERIALS (TACK COAT)	POUND	307	$ 1.00	$ 307.00	$ 4.00	$ 1,228.00	$ 3.71	$ 1,138.97	$ 3.50	$ 1,074.50
	80	HP-406-01	WARM-MIX ASPHALT SURFACE COURSE "D"N50 (MODIFIED)	TON	155	$ 195.00	$ 30,225.00	$ 136.00	$ 21,080.00	$ 131.56	$ 20,391.80	$ 125.00	$ 19,375.00
	81	HP-406-02	WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3INCH	SQ YD	294	$ 55.00	$ 16,170.00	$ 59.00	$ 17,346.00	$ 37.66	$ 11,072.04	$ 42.00	$ 12,348.00
	82	HP-423-01	PORTLAND CEMENT CONCRETE DRIVEWAYPAVEMENT (SPECIAL)	SQ YD	75	$ 95.00	$ 7,125.00	$ 131.00	$ 9,825.00	$ 118.83	$ 8,912.25	$ 130.00	$ 9,750.00
	83	HP-561-02	WATER MAIN, D.I.P. CL 52, 8"	FOOT	714	$ 195.00	$ 139,230.00	$ 194.00	$ 138,516.00	$ 269.73	$ 192,587.22	$ 630.00	$ 449,820.00
	84	HP-561-04	WATER VALVE 8" & 4' DIA. VALVE VAULT	EACH	3	$ 8,500.00	$ 25,500.00	$ 9,206.00	$ 27,618.00	$ 7,046.13	$ 21,138.39	$ 16,000.00	$ 48,000.00
	85	HP-561-05	WATER MAIN CONNECTION (NON-PRESSURE), 16"	EACH	2	$ 16,000.00	$ 32,000.00	$ 9,735.00	$ 19,470.00	$ 17,275.07	$ 34,550.14	$ 22,000.00	$ 44,000.00
	86	HP-561-06	HORIZONTAL DIRECTIONALLY DRILLEDWATER MAIN 8"	FOOT	372	$ 290.00	$ 107,880.00	$ 276.00	$ 102,672.00	$ 413.07	$ 153,662.04	$ 700.00	$ 260,400.00
	87	HP-562-01	SADDLE TAP 1-1/2"	EACH	8	$ 2,000.00	$ 16,000.00	$ 4,261.00	$ 34,088.00	$ 4,516.14	$ 36,129.12	$ 8,000.00	$ 64,000.00
	88	HP-562-02	WATER SERVICE LINE, COPPERREPLACEMENT, 1-1/2"	FOOT	971	$ 80.00	$ 77,680.00	$ 156.00	$ 151,476.00	$ 201.46	$ 195,617.66	$ 47.00	$ 45,637.00
	89	HP-562-04	LEAD WATER SERVICE REPLACEMENT	EACH	1	$ 10,000.00	$ 10,000.00	$ 17,032.00	$ 17,032.00	$ 26,976.88	$ 26,976.88	$ 11,000.00	$ 11,000.00
	90	HP-562-05	LEAD FILTER PITCHER WITH SIX MONTHS OFFILTER CARTRIDGES	EACH	1	$ 200.00	$ 200.00	$ 4,654.00	$ 4,654.00	$ 446.74	$ 446.74	$ 200.00	$ 200.00
	91	HP-563-06	ABANDON AND FILL EXISTING SEWER	FOOT	359	$ 85.00	$ 30,515.00	$ 30.00	$ 10,770.00	$ 5.00	$ 1,795.00	$ 16.00	$ 5,744.00
	92	HP-562-06	ABANDON EXISTING WATER SERVICE	EACH	7	$ 2,000.00	$ 14,000.00	$ 3,239.00	$ 22,673.00	$ 500.00	$ 3,500.00	$ 500.00	$ 3,500.00
	93	HP-563-05	SANITARY SEWER, PVC 8", GUIDED AUGERAND HDD INSTALLATION	FOOT	191	$ 800.00	$ 152,800.00	$ 678.00	$ 129,498.00	$ 842.17	$ 160,854.47	$ 900.00	$ 171,900.00
	94	HP-563-07	ABANDON EXISTING SANITARY SERVICE	EACH	7	$ 2,000.00	$ 14,000.00	$ 2,893.00	$ 20,251.00	$ 500.00	$ 3,500.00	$ 500.00	$ 3,500.00
	95	HP-564-01	FIRE HYDRANT/AUX. VALVE AND VALVE BOX	EACH	2	$ 11,000.00	$ 22,000.00	$ 11,804.00	$ 23,608.00	$ 10,167.63	$ 20,335.26	$ 24,000.00	$ 48,000.00
	96	HP-565-01	DOMESTIC METER VAULT REMOVED &REPLACED WITH NEW METER VAULT	EACH	1	$ 4,000.00	$ 4,000.00	$ 5,578.00	$ 5,578.00	$ 6,238.42	$ 6,238.42	$ 10,000.00	$ 10,000.00
	97	HP-565-04	NEW DOMESTIC METER VAULT	EACH	7	$ 3,500.00	$ 24,500.00	$ 4,701.00	$ 32,907.00	$ 6,238.41	$ 43,668.87	$ 10,000.00	$ 70,000.00
	98	HP-570-01	RESIDENTIAL RESTORATION FOR SERVICELINE INSTALLATION	L SUM	1	$150,000.00	$ 150,000.00	$ 88,000.00	$ 88,000.00	$ 8,000.00	$ 8,000.00	$ 80,000.00	$ 80,000.00
Base Bid Total:							$2,235,807.25		$2,586,639.50		$3,115,000.00		$3,589,059.50

INSTRUCTIONS – FORM OF BIDDER'S PROPOSAL

CITY OF HIGHLAND PARK - DEPARTMENT OF PUBLIC WORKS
CONTRACT FOR THE
SHERIDAN ROAD IMPROVEMENT (EDGECLIFF TO NORTH END) PROJECT

BIDDER'S PROPOSAL

Owner will receive sealed Bidder's Proposals for the Work until **11:00 a.m.**, local time, **March 19, 2026** via the online electronic bid service through QuestCDN.com [project **#10088080**].

Name of Bidder Martam Construction ("***Bidder***")
Office Address 1200 Cobblestone Dr
City, State Zip Elgin, IL 60120
Contact Person Robert Kutrovatz
Email Robert@martam.com
Telephone 847-608-6800 Fax 847-608-6804

TO: City of Highland Park ("***Owner***")
Public Works Department
1150 Half Day Road
Highland Park, Illinois 60035
Attention: **Anna Stawski, City Engineer**

Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. 1, which are securely attached to the end of this Bidder's Proposal ("*Bid Package*").

Bidder acknowledges and agrees that all terms capitalized in this Bidder's Proposal shall have the meaning given to them in the documents included in the Bid Package.

1. **Work Proposal**

A. Contract and Work. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will contract with Owner, in the form of the Contract included in the Bid Package: (1) to provide, perform and complete at the site or sites described in the Bid Package ("Work Site") and in the manner described and specified in the Bid Package all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the SHERIDAN ROAD IMPROVEMENT (EDGECLIFF TO NORTH END) PROJECT; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract included in the Bid Package; (3) to procure and furnish all Bonds and all certificates and policies of insurance specified in the Bid Package; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by or pursuant to, the Contract; all of which is herein referred to as the "Work."

B. Manner and Time of Performance. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that the Bidder will perform the Work in the manner and time prescribed in the Bid Package and according to the requirements of Owner pursuant thereto.

C. General. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will do all other things required of Bidder or Contractor, as the case may be, by the Bid Package.

2. **Contract Price Proposal**

If this Bidder's Proposal is accepted, Bidder will, except as otherwise provided in Article 2.1 of the Contract, take in full payment for all Work and other matters set forth under Section 1 above, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, the compensation set forth on the following "Schedule of Prices" ("***Price Proposal***"), which Bidder understands and agrees will be made a part of the Contract:

A. UNIT PRICE CONTRACT

For providing, performing, and completing all Work related to the **SHERIDAN ROAD IMPROVEMENT (EDGECLIFF TO NORTH END) PROJECT**; the sum of the products resulting from multiplying the number of acceptable units of Unit Price Items listed below incorporated in the Work and by the Unit Price set forth in QuestCDN for such Unit Price Item:

SCHEDULE OF PRICES as uploaded into QuestCDN vBid [project #10088080]

Code Number	Item	Unit of Measure	Quantity
20200100	EARTH EXCAVATION	CU YD	730
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	215
20800150	TRENCH BACKFILL	CU YD	1,501
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,611
25000300	SEEDING, CLASS 3	ACRE	0.02
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	76
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	26
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	1,228
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	294
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,673
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	310
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	79
44000100	PAVEMENT REMOVAL	SQ YD	1,383
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	395
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	70
44000600	SIDEWALK REMOVAL	SQ FT	99
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	9
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	28
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	113

X5510308	SANITARY SEWER REMOVAL 8"	FOOT	16
X6020399	CONNECTION TO EXISTING MANHOLE	EACH	2
X6022712	CATCH BASINS, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	4
X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5
X6025604	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	5
X6025620	CATCH BASINS, TYPE A, 5'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1
X6026400	MANHOLES, DROP TYPE, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
X6050220	FILLING EXISTING WELLS	EACH	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
XX001470	SANITARY SERVICE CONNECTION	EACH	5
XX003470	SANITARY CLEANOUT 6"	EACH	15
XX003803	SANITARY SEWER SERVICE 6"	FOOT	1,098
HP-002	PRECONSTRUCTION VIDEO RECORDING	L SUM	1
HP-018	BRICK PAVER REMOVAL AND REINSTALLATION	SQ FT	795
HP-105-01	AS-BUILT DRAWINGS	L SUM	1
HP-201-01	TREE PROTECTION	FOOT	1,387
HP-201-02	TREE ROOT PRUNING, 24 INCHES DEEP	FOOT	238
HP-201-03	TREE REMOVAL (<15 INCH DIA)	UNIT	123
HP-201-04	TREE REMOVAL (>15 INCH DIA)	UNIT	75
HP-211-01	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	1,381
HP-252-01	SODDING (SPECIAL)	SQ YD	1,306
HP-252-02	SUPPLEMENTAL WATERING	EACH	8
HP-280-01	DRAINAGE STRUCTURE INLET FILTER	EACH	22
HP-280-02	INLET FILTER CLEANING	EACH	22
HP-280-03	SILT FENCE	FOOT	925
HP-403-01	BITUMINOUS MATERIALS (TACK COAT)	POUND	307
HP-406-01	WARM-MIX ASPHALT SURFACE COURSE "D" N50 (MODIFIED)	TON	155
HP-406-02	WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH	SQ YD	294
HP-423-01	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (SPECIAL)	SQ YD	75
HP-561-02	WATER MAIN, D.I.P. CL 52, 8"	FOOT	714
HP-561-04	WATER VALVE 8" & 4' DIA. VALVE VAULT	EACH	3
HP-561-05	WATER MAIN CONNECTION (NON-PRESSURE), 16"	EACH	2
HP-561-06	HORIZONTAL DIRECTIONALLY DRILLED WATER MAIN 8"	FOOT	372
HP-562-01	SADDLE TAP 1-1/2"	EACH	8

HP-562-02	WATER SERVICE LINE, COPPER REPLACEMENT, 1-1/2"	FOOT	971
HP-562-04	LEAD WATER SERVICE REPLACEMENT	EACH	1
HP-562-05	LEAD FILTER PITCHER WITH SIX MONTHS OF FILTER CARTRIDGES	EACH	1
HP-563-06	ABANDON AND FILL EXISTING SEWER	FOOT	359
HP-562-06	ABANDON EXISTING WATER SERVICE	EACH	7
HP-563-05	SANITARY SEWER, PVC 8", GUIDED AUGER AND HDD INSTALLATION	FOOT	191
HP-563-07	ABANDON EXISTING SANITARY SERVICE	EACH	7
HP-564-01	FIRE HYDRANT/AUX. VALVE AND VALVE BOX	EACH	2
HP-565-01	DOMESTIC METER VAULT REMOVED & REPLACED WITH NEW METER VAULT	EACH	1
HP-565-04	NEW DOMESTIC METER VAULT	EACH	7
HP-570-01	RESIDENTIAL RESTORATION FOR SERVICE LINE INSTALLATION	L SUM	1

B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

1. The approximate quantities set forth in this Schedule of Prices for each Unit Price Item are Owner's estimate only, that Owner reserves the right to increase or decrease such quantities, and that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item installed complete in place, measured on the basis defined in the Contract;

2. Owner is not subject to state or local sales, use and excise taxes and no such taxes are included in this Schedule of Prices;

3. All other applicable federal, state, and local taxes of every kind and nature applicable to the Work as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits are included in this Schedule of Prices; and

4. All costs, royalties, and fees arising from the use on, or the incorporation into, the Work of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions are included in this Schedule of Prices.

All claim or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, or to claim any additional compensation by reason of the payment of any such tax, contribution, or premium or any such cost, royalty or fee is hereby waived and released.

3. **Contract Time Proposal**

If this Bidder's Proposal is accepted, Bidder will commence the Work not later than the "***Commencement Date***" set forth in Attachment A to the Contract and will perform the Work diligently and continuously and will complete the Work not later than the "Completion Date" set forth in Attachment A to the Contract.

4. **Firm Proposal**

All prices and other terms stated in this Bidder's Proposal are firm and shall not be subject to withdrawal, escalation, or change for a period of 60 days after the date on which any Bidder's Proposal

is opened or such extended acceptance date for Bidder's Proposals as may be established pursuant to Sections 10 and 13 of the General Instructions to Bidders.

5. **Bidder Representations**

A. No Collusion. Bidder warrants and represents that the only persons, firms, or corporations interested in this Bidder's Proposal as principals are those named in Bidder's Sworn Acknowledgment attached hereto and that this Bidder's Proposal is made without collusion with any other person, firm or corporation.

B. Not Barred. Bidder warrants, represents and certifies that it is not barred by law from contracting with Owner or with any unit of state or local government.

C. Qualified. Bidder warrants and represents that it has the requisite experience, ability, capital, facilities, plant, organization and staff to enable Bidder to perform the Work successfully and promptly and to commence and complete the Work within the Contract Price and Contract Time Proposals set forth above. In support thereof, Bidder submits the attached Sworn Work History Statement. In the event Bidder is preliminarily deemed to be one of the most favorable to the interests of Owner, Bidder hereby agrees to furnish upon request, within two business days or such longer period as may be set forth in the request, such additional information as may be necessary to satisfy Owner that Bidder is adequately prepared to fulfill the Contract.

D. Owner's Reliance. Bidder acknowledges that Owner is relying on all warranties, representations and statements made by Bidder in this Bidder's Proposal.

6. **Surety and Insurance**

Bidder herewith tenders surety and insurance commitment letters as specified in Section 6 of the Invitation for Bidder's Proposals.

7. **Bid Security**

Bidder herewith issues a Bid Bond as specified in Section 6 of the Invitation for Bidder's Proposals for the sum of _____ dollars ("***Bid Security***").

8. **Owner's Remedies**

Bidder acknowledges and agrees that should Bidder fail to timely submit all additional information that is requested of it; or should Bidder, if Owner awards Bidder the Contract, fail to timely submit all the Bonds and all the certificates and policies of insurance required of it; or should Bidder, if Owner awards Bidder the Contract, fail to timely execute the Contract, Contractor's Certification and all other required documentation related to the Contract, it will be difficult and impracticable to ascertain and determine the amount of damage that Owner will sustain by reason of any such failure and, for such reason, Owner shall have the right, at its option in the event of any such default by Bidder, to retain or recover as reasonably estimated liquidated damages, and not as a penalty, the entire amount of the Bid Security or to exercise any and all equitable remedies it may have against Bidder.

9. **Owner's Rights**

Bidder acknowledges and agrees that Owner reserves the right to reject any and all Bidder's Proposals, reserves the right to accept or reject any item of any Bidder's Proposal and reserves such other rights as are set forth in Section 13 of the General Instructions to Bidders.

10. **Bidder's Obligations**

In submitting this Bidder's Proposal, Bidder understands and agrees that it shall be bound by each and every term, condition or provision contained in the Bid Package, which are by this reference incorporated herein and made a part hereof.

DATED this 18 day of March, 2024

ATTEST: **BIDDER**

By: _____ By: _____

Print Name: Jerry Kutrovatz Print Name: Robert Kutrovatz

Title: Secretary Title: President

INSTRUCTION – FORM OF BIDDER'S PROPOSAL ACKNOWLEDGEMENT

CITY OF HIGHLAND PARK - DEPARTMENT OF PUBLIC WORKS

CONTRACT FOR THE SHERIDAN ROAD IMPROVEMENT (EDGECLIFF TO NORTH END) PROJECT

BIDDER'S SWORN ACKNOWLEDGEMENT

Robert Kutrovatz **NAME** ("***Deponent***"), being first duly sworn on oath, deposes and states that the undersigned Bidder is organized as indicated below and that all statements herein made are made on behalf of such Bidder in support of its Bidder's Proposal for the above Contract and that Deponent is authorized to make them.

Deponent also deposes and states that Bidder has carefully prepared, reviewed, and checked its Bidder's Proposal and that the statements contained in its Bidder's Proposal and in this Acknowledgement are true and correct.

COMPLETE APPLICABLE SECTION ONLY

1. **Corporation**

The Bidder is a corporation that is organized and existing under the laws of the State of Illinois, that is qualified to do business in the State of Illinois, and that is operating under the legal name of Martam Construction Inc.

The officers of the corporation are as follows:

TITLE	NAME	ADDRESS
President	Robert Kutrovatz	39W 643 Henry David Thoreau St Charles, IL 60175
Vice President	Dennis Kutrovatz	43W 306 Buck Ct St Charles, IL 60175
Secretary	Jerry Kutrovatz	1343 Fargo Blvd, Geneva, IL 60134
Treasurer	Tony Ceschia	2322 Hemlock Ct Joliet, IL 60435

2. **Partnership**

The Bidder is a partnership that is organized, existing and registered under the laws of the State of _____ pursuant to that certain Partnership Agreement dated as of _____/_____/_____ that is qualified to do business in the State of Illinois, and that is operating under the legal name of _____.

The general partners of the partnership are as follows:

NAME	ADDRESS
_____	_____
_____	_____
_____	_____

3. **Individual**

The Bidder is an individual whose full name is _____ whose residence address is and whose business address is _____. If operating under a trade or assumed name said trade or assumed name is as follows:

_____**[NAME]**.

4. **Joint Venture**

The Bidder is a joint venture that is organized and existing under the laws of the State of _____ pursuant to that certain Joint Venture Agreement dated as of _____/_____/_____ that is qualified to do business in the State of Illinois, and that is operating under the legal name of _____.

The signatories to the aforesaid Joint Venture Agreement are as follows:

NAME (and ENTITY TYPE)	**ADDRESS**
_____(___)	_____
_____(___)	_____
_____(___)	_____

DATED this _____ day of _____, 20__

ATTEST:

By: _____

Title: Secretary

BIDDER

By: _____

Title: President

Subscribed and Sworn to
Before me this 18 day
of March, 2026

My Commission Expires: 1/31/28

_____ [SEAL]
Notary Public

OFFICIAL SEAL
ELIZABETH FRANCES ADERTON
NOTARY PUBLIC, STATE OF ILLINOIS
COMMISSION NO. 986394
MY COMMISSION EXPIRES Jan 31, 2028

CITY OF HIGHLAND PARK - DEPARTMENT OF PUBLIC WORKS
CONTRACT FOR THE
SHERIDAN ROAD IMPROVEMENT (EDGECLIFF TO NORTH END) PROJECT

BIDDER'S SWORN WORK HISTORY STATEMENT

Robert Kutrovatz ("***Deponent***"), being first duly sworn on oath, deposes and states that all statements made in this Sworn Work History Statement are made on behalf of the undersigned Bidder in support of its Bidder's Proposal for the above Contract and that Deponent is authorized to make them.

Deponent also deposes and states that Bidder has carefully prepared, reviewed, and checked this Sworn Work History Statement and that the statements contained in this Sworn Work History Statement are true and correct.

IF NECESSARY FOR FULL DISCLOSURE, ADD SEPARATE SHEETS

JOINT VENTURES MUST SUBMIT SEPARATE
SWORN WORK HISTORY STATEMENTS FOR THE JOINT VENTURE
AND FOR EACH SIGNATORY TO THE JOINT VENTURE AGREEMENT

1. **Nature of Business**

State the nature of Bidder's business: General Construction and Engineering.

2. **Composition of Work**

During the past three years, Bidder's work has consisted of:

30 % Federal	90 % As Contractor	60 % Bidder's Forces
60 % Other Public	10 % As Subcontractor	10 % Subcontractors
10 % Private		20 % Materials

3. **Years in Business**

State the number of years that Bidder, under its current name and organization, has been continuously engaged in the aforesaid business: 53 years

4. **Predecessor Organizations**

If Bidder has been in business under its current name and organization for less than five years, list any predecessor organizations:

NAME	ADDRESS	YEARS
N/A		

5. **Business Licenses**

List all business licenses currently held by Bidder:

ISSUING AGENCY	TYPE	NUMBER	EXPIRATION
IDOT	Pre-Qual	3702	4/30/26

6. **Related Experience**

List three projects most comparable to the Work completed by Bidder, or its predecessors, in the past five years:

	PROJECT ONE	PROJECT TWO	PROJECT THREE
Owner Name	See following.		
Owner Address			
Reference			
Telephone Number			
Type of Work			

	PROJECT ONE	PROJECT TWO	PROJECT THREE
Contractor (If Bidder was) (Subcontractor)			
Amount of Contract			
Date Completed			

DATED this 18 day of March, 2026

ATTEST:

By: _____

Title: Secretary

Subscribed and Sworn to
Before me this 18 day
of March, 2026

_____
Notary Public

[SEAL]

BIDDER

By: _____

Title: President

My Commission Expires: 1/31/28

OFFICIAL SEAL
ELIZABETH FRANCES ADERTON
NOTARY PUBLIC, STATE OF ILLINOIS
COMMISSION NO. 986394
MY COMMISSION EXPIRES Jan 31, 2028

SEE GENERAL INSTRUCTIONS TO BIDDERS, SECTION 7, FOR SIGNATURE REQUIREMENTS

5385236_v1

MARTAM CONSTRUCTION Inc.
General Contractors and Engineers

Martam Construction, Inc. Qualifications

City of St. Charles – First Street Plaza Phase 2 2024
Contract Amount $4,200,000.00
Chris Adesso 630-770-6475

Village of Algonquin – Downtown streetscape 2019 - 2024
Contract Amount $ 10,000,000.00 +
Michele Zimmerman Asst Public Works Director 847-344-8369

DuPage County DOT - Addison Creek/Grand Ave Box Culvert 2020
Contract Amount $ 992,000.00
Chris Snyder Director of Transportation. 630-407-6900

Kane County DOT - Various Projects
Contract Amount $300,000.00 - $5,000,000.00
Ken Meilke Construction Manager
630-885-3139

Willowbrook - Executive Drive Flood Control
Contract Amount $3,900,000.00
Rick Valent Director Public Works 630-920-2482

IDOT - York and Harger Intersection Imp 2020
Contract Amount $ 7,300,000.00
Art Politowicz Project Engineer 630-878-7642

ISTHA - I-19-4490 Sanitary Relocations 2020
Contract Amount $18,600,000.00
Chester Kochan, Project Engineer 312-466-8253

Village of Oak Brook – Windsor Dr 2020
Contract Amount $ 2,600,000.00
Orion Galey Ogaley@cbbel.com

1200 Gasket Drive, Elgin, Illinois 60120 Phone (847)608-6800 FAX (847)608-6804

INSTRUCTIONS – FORM OF BIDDER'S PROPOSAL
PERFORMANCE BOND SAMPLE

CITY OF HIGHLAND PARK

SHERIDAN ROAD IMPROVEMENT (EDGECLIFF TO NORTH END) PROJECT

PROJECT/CONTRACT #10088080

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that ***[FULL NAME, ADDRESS AND ORGANIZATION OF CONTRACTOR]***, as Principal, hereinafter called Contractor, and ***[FULL NAME AND ADDRESS OF SURETY]***, as Surety, a corporation organized and existing under the laws of the State of ***[INCORPORATION]***, hereinafter called Surety, are held and firmly bound unto the CITY OF HIGHLAND PARK, 1707 St. Johns Avenue, Highland Park, Illinois 60035, as Obligee, hereinafter called Owner, in the full and just sum of ***[CONTRACT PRICE]*** Dollars ($***[CONTRACT PRICE]***), for the payment of which sum of money well and truly to be made, Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, said amount to include payment of actual costs and damages and for attorneys' fees, architectural fees, design fees, engineering fees, accounting fees, testing fees, consulting fees, administrative costs, court costs, interest and any other fees and expenses resulting from or incurred by reason of Contractor's failure to promptly and faithfully perform its contract with Owner, said contract being more fully described below, and to include attorneys' fees, court costs and administrative and other expenses necessarily paid or incurred in successfully enforcing performance of the obligation of Surety under this bond.

WHEREAS, Contractor has entered into a written agreement dated ***[DATE OF CONTRACT AGREEMENT]***, with Owner entitled "Contract Agreement Between City of Highland Park and ***[CONTRACTOR'S NAME]*** for the Construction of ***[NAME OF WORK]*** - Contract ***[NO.]***" (the "Contract"), the terms and conditions of which are by this reference incorporated herein as though fully set forth herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT if Contractor shall well, truly, and promptly perform all the undertakings, covenants, terms, conditions, and agreements of said Contractor under the Contract, including, but not limited to, Contractor's obligations under the Contract: (1) to provide, perform and complete at the Work Site and in the manner specified in the Contract all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data, and other means and items necessary for the construction and installation of the ***[NAME OF WORK]***, together with related attachments, equipment, and appurtenances thereto; (2) to procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in the Special Conditions of Contract; (3) to procure and furnish all bonds and certificates and policies of insurance specified in the Contract; (4) to pay all applicable federal, state, and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform, and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by and pursuant to, the Contract; all of which is herein referred to as the "Work," whether or not any of said Work enter into and become component parts of the improvement contemplated, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

Surety, for value received, hereby stipulates and agrees that no changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances on the part of either Owner or Contractor to the other in or to the terms of said Contract; in or to the schedules, plans, drawings, or specifications; in or to the method or manner of performance of the Work; in or to Owner-furnished

facilities, equipment, materials, services, or sites; or in or to the mode or manner of payment therefor, shall in any way release Contractor and Surety or either or any of them, or any of their heirs, executors, administrators, successors, or assigns, or affect the obligations of Surety on this bond, all notice of any and all of the foregoing changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances, and notice of any and all defaults by Contractor or of Owner's termination of Contractor being hereby waived by Surety.

Notwithstanding anything to the contrary in the foregoing paragraph, in no event shall the obligations of Surety under this bond in the event of Contractor's default be greater than the obligations of Contractor under the Contract in the absence of such Contractor default.

In the event of a default or defaults by Contractor, Owner shall have the right to take over and complete the Contract upon 30 calendar days' written notice to Surety, in which event Surety shall pay Owner all costs incurred by Owner in taking over and completing the Contract.

At its option, Owner may instead request that Surety take over and complete the Contract, in which event Surety shall take reasonable steps to proceed promptly with completion no later than 30 calendar days from the date on which Owner notifies Surety that Owner wants Surety to take over and complete the Contract.

Owner shall have no obligation to actually incur any expense or correct any deficient performance of Contractor in order to be entitled to receive the proceeds of this bond.

No right of action shall accrue on this bond to or for the use of any person or corporation other than Owner or the heirs, executors, administrators, or successors of Owner.

Signed and sealed this ___ day of _____, 20___.

Attest/Witness:	PRINCIPAL: ***[NAME OF CONTRACTOR]***
By: _____	By: _____ ***[NAME OF CONTRACTOR'S EXECUTING OFFICER]***
Title: _____	Title: ***[TITLE OF CONTRACTOR'S EXECUTING OFFICER]***
Attest/Witness:	SURETY: ***[NAME OF SURETY]***
By: _____	By: _____
Title: _____	Title: _____
	Telephone: _____

CITY OF HIGHLAND PARK

SHERIDAN ROAD IMPROVEMENT (EDGECLIFF TO NORTH END) PROJECT

PROJECT/CONTRACT #10088080

LABOR AND MATERIAL PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that ***[FULL NAME, ADDRESS AND ORGANIZATION OF CONTRACTOR]***, as Principal, hereinafter called Contractor, and ***[FULL NAME AND ADDRESS OF SURETY]***, as Surety, a corporation organized and existing under the laws of the State of ***[INCORPORATION]***, hereinafter called Surety, are held and firmly bound unto the CITY OF HIGHLAND PARK, 1707 St. Johns Avenue, Highland Park, Illinois 60035, as Obligee, hereinafter called Owner, for the use and benefit of itself and of claimants as hereinafter defined, in the full and just sum of ***[CONTRACT PRICE]*** Dollars ($***[CONTRACT PRICE]***), to be paid to it or the said claimants or its or their assigns, to which payment well and truly to be made Contractor and Surety bind themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents, said amount to include attorney's fees, court costs, and administrative and other expenses necessarily paid or incurred in successfully enforcing performance of the obligation of Surety under this bond.

WHEREAS, Contractor has entered into a written agreement dated ***[DATE OF CONTRACT AGREEMENT]***, with Owner entitled "Contract Agreement Between City of Highland Park and ***[CONTRACTOR'S NAME]*** for the Construction of ***[NAME OF WORK]*** - Contract ***[NO.]***" (the "Contract"), the terms and conditions of which are by this reference incorporated herein as though fully set forth herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT if Contractor shall promptly pay or cause to be paid all sums of money that may be due to any claimant with respect to Contractor's obligations under the Contract: (1) to provide, perform, and complete at the Work Site and in the manner specified in the Contract all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data, and other means and items necessary for the construction and installation of the ***[NAME OF WORK]***, together with related attachments, equipment, and appurtenances thereto; (2) to procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in the Special Conditions of Contract; (3) to procure and furnish all bonds and certificates and policies of insurance specified in the Contract; (4) to pay all applicable federal, state, and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform, and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by and pursuant to, the Contract; all of which is herein referred to as the "Work," whether or not any of said Work enter into and become component parts of the improvement contemplated, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

For purpose of this bond, a claimant is defined as one having a direct contract with Contractor or with a subcontractor of Contractor to provide, perform or complete any part of the Work.

Contractor and Surety hereby jointly and severally agree that every claimant who has not had all just claims for the furnishing of any part of the Work paid in full, including, without limitation, all claims for amounts due for materials, lubricants, oil, gasoline, rentals of, or service or repairs on, machinery, equipment, and tools consumed or used in connection with the furnishing of any part of the Work, may sue

City of Highland Park

Public Works Department

1150 Half Day Rd.
Highland Park, Illinois 60035
847.432.0807
cityhpil.com

SHERIDAN ROAD IMPROVEMENTS (EDGECLIFF TO NORTH END)
Project # 10088080

ADDENDUM NUMBER 1
March 10, 2026

Bidders on the above project are hereby notified that the following Addendum is made to the Contract Documents and the bids to be submitted shall conform to this Addendum. All bidders submitting a bid on the above Contract shall carefully read this Addendum and give it consideration in the preparation of their bid.

THE BID OPENING DATE AND TIME REMAINS MARCH 19, 2026 AT 11:00 A.M.

The following are initial plans and specs questions that were asked, please see our responses for clarification:

1. How should we handle resident access to their driveways and maintaining road access at all times? Traffic control plans state that we must maintain one lane of traffic in each direction at all times. We don't believe this to be feasible with three runs of pipe installation, not to mention every time we cross a utility we'll likely have to open cut - which will only further disturb the road. Keeping the road fully accessible at all times is going to be extraordinarily difficult, if not impossible.
   One lane of alternating two-way traffic will be allowed as needed during work hours. It is anticipated that the three proposed utilities will have to be constructed in sub-stages to allow for alternating two-way traffic, but ultimately that is the contractor's decision.

2. Auger Pit: there is a gas main that runs directly through the proposed location of the 25'x15' auger pit. This presents significant issues / may not be feasible to put this auger pit here
   The auger pit location shown in the plans is a suggested location which maintains one-lane of alternating two-way traffic. The auger pit dimensions and location can be modified if needed by the contractor based on the field located gas main.

3. Plumbing: can you please confirm that the plumbing firm (i.e., our sub) who supplies the plumber needs to have a license, but that the GC doesn't also need to have a company-level plumbing license? The specs state "The Contractor shall also be a registered plumbing firm with the State of Illinois. Our sub will clearly be a registered plumbing firm in the State of Illinois...but we, the GC, does not have a plumber's license ourselves. Please confirm this will not be a problem.
   The subcontracted plumbing firm needs to be licensed. If the general contractor is not doing any plumbing work, they do not need to be licensed.

4. Auger/Receiving pits: is the cost of the backfill that is required to fill these pits incidental to these items? (i.e., SANITARY SEWER, PVC 8", GUIDED AUGER AND HDD INSTALLATION, and HORIZONTAL DIRECTIONALLY DRILLED WATER MAIN 8"). We just want to make sure we know where the cost of this material is being accounted for.
   As noted in the basis of payment section of HP-563-05, trench backfill of the pits is included in the cost of this item and will not be paid for separately.

5. Restoration: when we disturb a section of patio (or similar), are we responsible for paying for an entire brand-new patio, or just the portion that was destroyed and needed to be replaced? How will this process unfold with the residents? We could easily foresee a scenario where a resident demands full replacement of their disturbed landscape. Without proper controls in place, the cost of restoration could easily become exorbitant.
   The work includes in-kind restoration as stated in HP-570-01. This means that only the portions of private property that are damaged will need to be replaced in-kind. If a resident doesn't feel it's adequate, but the restoration can be proven to be returned to existing or better conditions via pre-construction video/photos, the restoration will be accepted by the City.

Approved by:

Anna Stawski
City Engineer

SPECIAL PROVISIONS - GENERAL

1 - Forms of Special Provisions

Omissions of words or phrases such as "the contractor shall," "in conformance with," "shall be," "as noted on the plans," "according to the plans," "a," "the," and "all" are intentional, and the Contractor must supply omitted words or phrases by inference.

2 - Notice to Proceed

The Contractor shall proceed with the work and in the time set forth according to the conditions as outlined in the Invitation for Bids.

3 - Minor Work

Any minor work not specifically mentioned in the specifications or shown on the plans, but obviously necessary for proper completion of the work, shall be considered as being a part of and included in the contract, shall be executed in the proper manner and the Contractor shall not be entitled to extra or additional compensation for the same.

4 - Waste Sites

All waste material shall be hauled to a site of the Contractor's choice. Cost of disposal of same will be included in the contract cost and not paid by the City as a separate item.

5 - Working Days

Except for such work as may be required to properly maintain lights and barricades, no work will be permitted on Sunday, legal holidays, or weekdays between 7:00 p.m. and 7:00 a.m. On Saturdays, no work shall begin before 9:00 a.m. or continue after 5:00 p.m. without specific written permission of the Engineer.

If work outside of normal working day hours is necessary, payment at 1.5 times the salary and benefits of the City inspector shall be payable to the City. Reasonable delays due to weather or conditions beyond the control of the City or Contractor may not require payment.

6 - Codes and Standards

The "Standard Specifications for Road and Bridge Construction" prepared by the State of Illinois, Department of Transportation and adopted by said Department January 1, 2016, the Supplemental Specifications and Recurring Special Provisions adopted by said Department January 1, 2020 and the latest Standard Specifications for Traffic Control Items, prepared by said Department shall govern the construction of the proposed improvement insofar as applicable and except as modified herein; said specifications shall hereinafter be referred to as the "Standard Specifications." The following regulations or the latest revisions thereof are adopted by reference and the Contractor shall be responsible for conformance to same:

1. "Highland Park Building Code"
2. "Illinois Manual of Uniform Traffic Control Devices"

The following special provisions supplement these specifications, and in case of conflict, the special provisions shall take precedence and shall govern:

Division 1. Add the following articles to Section 101 of the State Standard Specifications –

Definition of Terms:

Art. 101.14 Department

The terms ", Council, City Council, Municipality" or other words used to describe the Awarding Authority in these documents and the Standard Specifications shall be interpreted to mean the City Council of the City of Highland Park.

Art. 101.39Roadway

Shall also include "Street, Parking Lots, Public Easements, Approaches," and shall be construed to mean the entire area defined in Art. 101.35.

7 - Water from the City of Highland Park

Water for construction purposes may be available from the City. The City's first preference is that the Contractor obtain water from the Public Works yard at 1150 Half Day Road. A water use permit must be taken out by the contractor without fee. If obtaining water from the Public Works yard is not practical then water from a City fire hydrant may be available. The City will dictate which hydrant may be used by the Contractor. A City meter is required to connect to a hydrant and a deposit is required prior to issuance of the meter. Upon completion of use of water the meter must be returned to the City in good condition. Meters damaged by the Contractor will be either repaired or replaced at the Contractor's expense.

8 - Access

The Contractor shall conduct his operation so that access to existing homes and businesses are maintained.

9 - Construction Schedule

Prior to commencing construction operations, the Contractor or his authorized representative shall meet with the Engineer of the City of Highland Park and present, in writing, his proposed construction schedule. Said schedule shall contain such information as the Engineer deems necessary, particularly in regard to location and date of starting construction, location of off-site disposal areas and access routes to be used, and when various phases of the work (including restoration) will be completed.

10 - Conduct of Construction Operations

Cooperation shall be extended by the Contractor to notify homeowners and businesses as to when direct vehicular access to their property will be curtailed and approximate length of time of such curtailment and directions where to park. Written notification will be given to all effected properties 48 hours prior to access curtailment. A sample letter shall be provided to the Engineer at the time of the pre-construction meeting.

Heavy construction vehicles will not be permitted to cross over curbs or use private driveways for turnarounds. Any damage to parkways, curbs, and driveways caused by the Contractor's operations will be repaired at his expense.

11 - Sanitary Facilities & Rubbish Control

The Contractor shall provide suitable toilet facilities at the job site in a location approved by the Engineer. The facility shall be approved by the City and shall be kept in a clean and sanitary condition. Sanitary Sewer manholes used for toilet facilities shall be cleaned and flushed upon removal of temporary toilet facilities.

During construction, the premises shall be kept clean of rubbish, paper and other debris. A suitable refuse container shall be provided in the vicinity of the parking area for disposal of lunch wrappings and garbage. The refuse contained shall be emptied regularly.

12 - Tree Trimming

All tree trimming, pruning and repair of wound surfaces shall be at the Contractor's expense and under the supervision of the City Forester. The Contractor shall provide proper tree guards to protect trees from

damage due to construction equipment and operations. The Contractor shall provide all labor and materials required, and the cost thereof shall be incidental to the contract. All dead trees within the right of way of the improvement shall be removed and shall be paid for at the contract unit price listed in the proposal.

13 - Construction Safety

The Contractor shall take all precautions necessary to protect the general public and his workmen from hazardous locations that might occur within the limits of the improvement. All trench openings and other construction openings extending below the pavement subgrade shall be fenced off with an adequately supported four-foot high snow fence at all times when actual construction is not in progress at the opening location.

The duty of the Engineer to inspect all work done and materials furnished and to suspend any work that is being improperly performed does not include review or approval of the adequacy of the contractor's safety measures, methods and bracing of excavated trenches in, on or near the construction site.

14 - Bracing and Sheeting

It shall be the contractor's responsibility to protect open cut trenches as may be required by state or federal law, as may be necessary to protect life, property, or the work. Trenches in the pavements or in close proximity to improved streets or roadways shall be sheeted or braced in a substantial and effective manner. Sheeting may be removed after backfilling has been completed to such elevation as to permit its safe removal. Sheeting and bracing left in place must be removed for a distance of three feet below the established street grade. The cost of furnishing, placing and removing sheeting and bracing shall be incidental to construction, and included in the contract unit price for the work being done.

15 - Potable Water Lines

Any work performed on a potable water supply **shall be done under the direction of a plumber licensed by the State of Illinois.** The contractor shall furnish the Engineer with the plumber's license number prior to starting any work on any potable water supply.

16 - Protection of Utilities

In excavating trenches and laying pipe, all existing utilities, including water pipes and services, sewer pipes and services, gas pipes and services, electric or telephone transmission pole lines, cable or conduits, shall be protected, supported, maintained in service and restored to the condition in which they were found, all at no extra remuneration. Where any utility facility, including service connections, is endangered or damaged by the work, the utility management shall be notified by the contractor, and the contractor shall cooperate with the utility and pay the cost of protection and repair, if damaged. The engineers have endeavored to locate subsurface obstructions from field surveys and available records, and known structures are shown on the plans or notice given of their presence. While the work was carefully done, the accuracy of the information cannot be guaranteed. Invert elevations of sanitary and storm sewers have been obtained from field surveys; where possible, elevations are shown on the plans. Wherever the contractor deems it necessary to determine the exact location of existing pipe, valve, or other underground structures, the contractor may make any examinations that he may determine desirable in advance of the work. No added compensation will be paid therefore.

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FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2025

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS and frequently used RECURRING SPECIAL PROVISIONS.

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RECURRING SPECIAL PROVISIONS

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

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City of Highland Park

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted January 1 2022, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," the latest edition of the “Standard Specifications for Water & Sewer Construction in Illinois,” and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of Sheridan Road Roadway and Utility Improvements, Lake County and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

LOCATION OF IMPROVEMENT

Improvements associated with this project are located in the City of Highland Park, Lake County, On Sheridan Road from Edgecliff to the northern limit.

Total gross and net length of the project is 557.83’ (0.11 miles).

DESCRIPTION OF IMPROVEMENT

The Work consists of furnishing all labor, materials, equipment, and other incidentals necessary for the completion of pavement removal, curb and gutter removal, earth excavation, water main, storm sewer, sanitary sewer, hot-mix asphalt pavement, hot-mix asphalt, brick, and Portland cement concrete driveways, combination concrete curb and gutter, and all other items of work in accordance with the Plans, Standard Specifications, and these Special Provisions.

PUBLIC CONVENIENCE AND SAFETY (D1)
Effective: May 1, 2012
Revised: July 15, 2012

Add the following to the end of the fourth paragraph of Article 107.09:

> "If the holiday is on a Saturday or Sunday, and is legally observed on a Friday or Monday, the length of Holiday Period for Monday or Friday shall apply."

Add the following sentence after the Holiday Period table in the fourth paragraph of Article 107.09:

> "The Length of Holiday Period for Thanksgiving shall be from 5:00 AM the Wednesday prior to 11:59 PM the Sunday After"

Delete the fifth paragraph of Article 107.09 of the Standard Specifications:

> "On weekends, excluding holidays, roadways with Average Daily Traffic of 25,000 or greater, all lanes shall be open to traffic from 3:00 P.M. Friday to midnight Sunday except where structure construction or major rehabilitation makes it impractical."

STATUS OF UTILITIES (D-1)
Effective: June 1, 2016
Revised: April 1, 2025

Utility companies and/or municipal owners located within the construction limits of this project have provided the following information regarding their facilities and the proposed improvements. The tables below contain a description of specific conflicts to be resolved and/or facilities which will require some action on the part of the Department's contractor to proceed with work. Each table entry includes an identification of the action necessary and, if applicable, the estimated duration required for the resolution.

UTILITIES TO BE ADJUSTED

Conflicts noted below have been identified by following the suggested staging plan included in the contract. The company has been notified of all conflicts and will be required to obtain the necessary permits to complete their work; in some instances, resolution will be a function of the construction staging. The responsible agency must relocate, or complete new installations as noted below; this work has been deemed necessary to be complete for the Department's contractor to then work in the stage under which the item has been listed.

No conflicts to be resolved.

The following contact information is what was used during the preparation of the plans as provided by the Agency/Company responsible for resolution of the conflict.

Agency/Company Responsible to Resolve Conflict	Name of contact	Phone	E-mail address
AT&T	Kari Martin	(630) 573-5789	km26@att.com
ComEd	Nathan Onchuck	(779) 231-2306	Nathan.Onchuck@comed.com
Comcast	Ted Wyman	(224) 229-5850	Ted_Wyman@comcast.com
Northshore	James Massuci		james.massuci@peoplesgasdelivery.com

UTILITIES TO BE WATCHED AND PROTECTED

The areas of concern noted below have been identified by following the suggested staging plan included for the contract. The information provided is not a comprehensive list of all remaining utilities, but those which during coordination were identified as ones which might require the Department's contractor to take into consideration when making the determination of the means and methods that would be required to construct the proposed improvement. In some instances, the contractor will be responsible to notify the owner in advance of the work to take place so necessary staffing on the owner's part can be secured.

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER
10+20 RT	Electric	Need to coordinate with ComEd 2 weeks prior to the installation of auger pits and sanitary pipe near the existing power pole to allow for bracing.	ComEd
Entire west side of Roadway	Gas	2" gas main within the vicinity of the proposed water main. Contractor to use caution when excavating for water	Northshore

The following contact information is what was used during the preparation of the plans as provided by the owner of the facility.

Agency/Company Responsible to Resolve Conflict	Name of contact	Phone	E-mail address
AT&T	Kari Martin	(630) 573-5789	km26@att.com
ComEd	Nathan Onchuck Sheryl Stoddard Ken McComb	(779) 231-2306	Nathan.Onchuck@comed.com Sheryl.Stoddard@ComEd.com Kenneth.McComb@ComEd.com
Comcast	Ted Wyman	(224) 229-5850	Ted_Wyman@comcast.com
Northshore	James Massuci		james.massuci@peoplesgasdelivery.com

The above represents the best information available to the Department and is included for the convenience of the bidder. The days required for conflict resolution should be considered in the bid as this information has also been factored into the timeline identified for the project when setting the completion date. The applicable portions of the Standard Specifications for Road and Bridge Construction shall apply.

Estimated duration of time provided above for the first conflicts identified will begin on the date of the executed contract regardless of the status of the utility relocations. The responsible agencies will be working toward resolving subsequent conflicts in conjunction with contractor activities in the number of days noted.

The estimated relocation duration must be part of the progress schedule submitted by the contractor. A utility kickoff meeting will be scheduled between the Department, the Department's contractor, and the utility companies when necessary.

The contractor is responsible for contacting JULIE (or DIGGER within the City of Chicago) prior to any excavation work. Please note that IDOT electrical facilities are not part of the one-call locating services, such as JULIE or DIGGER.

If the contract requires the services of an electrical contractor, it is the contractor's responsibility, at their own expense, to locate existing IDOT electrical facilities before commencing work. For contracts that do not require an electrical contractor, the contractor may request one free locate of IDOT electrical facilities by contacting the Department's Electrical Maintenance Contractor. Additional locate requests will be at the contractor's expense.

The Department's Electrical Maintenance Contractor must be notified at least 72 hours in advance of the work by calling 773-287-7600 or emailing dispatch@meade100.com to arrange for the locating of underground electrical facilities.

Please note, the marking of underground facilities does not absolve the contractor of their responsibility to repair or replace any facilities damaged during construction at their expense.

TRAFFIC CONTROL PLAN (D1)
Effective: September 30, 1985
Revised: January 1, 2007

Traffic Control shall be according to the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

The Contractor shall contact the District One Bureau of Traffic at least 72 hours in advance of beginning work.

STANDARDS: 701301 701311 701501 701901 704001

DETAILS: None

SPECIAL PROVISIONS:

TRAFFIC CONTROL AND PROTECTION (ARTERIALS) (D1)
PUBLIC CONVENIENCE AND SAFETY (D1)
CONSTRUCTION SEQUENCING WITH FINE FOR FAILURE TO COMPLY (HP-004)
NOTIFICATION TO THE CITY FOR DRIVEWAY ACCESS WITH FINE FOR FAILURE TO COMPLY (HP-006)
OPENING DRIVEWAYS FOR VEHICULAR ACCESS WITH FINE FOR FAILURE TO COMPLY (HP-007)
MAINTENANCE OF ROADWAYS (HP-010)
CONSTRUCTION WORK PERIODS (HP-012)
REMOVAL OF TRAFFIC CONTROL DEVICES WITH FINE FOR FAILURE TO COMPLY (HP-035)
AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS (D1)
VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)
WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

TRAFFIC CONTROL AND PROTECTION (ARTERIALS) (D1)
Effective: February 1, 1996
Revised: March 1, 2011

Specific traffic control plan details and Special Provisions have been prepared for this contract. This work shall include all labor, materials, transportation, handling and incidental work necessary to furnish, install, maintain and remove all traffic control devices required as indicated in the plans and as approved by the Engineer.

When traffic is to be directed over a detour route, the Contractor shall furnish, erect, maintain and remove all applicable traffic control devices along the detour route according to the details shown in the plans.

Method of Measurement: All traffic control (except "Traffic Control and Protection (Expressways)" and temporary pavement markings) indicated on the traffic control plan details and specified in the Special Provisions will be measured for payment on a lump sum basis.

Basis of Payment: All traffic control and protection will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION (SPECIAL).

Temporary pavement markings will be paid for separately unless shown on a Standard.

HP-002 - PRE-CONSTRUCTION VIDEO RECORDING
Effective: January 1, 2020

Description. This work shall be done in accordance with the Standard Specifications insofar as applicable.

Materials. This work shall include providing the City with detailed recording of the construction site.

Construction Requirements. Detailed recording of the construction site, in DVD format, shall be taken and submitted to the City Engineer for approval prior to project mobilization and start of construction. Included in the item is complete documentation of project site existing conditions, location of all objects which include street signage, road, driveways, trees, landscaping and mailboxes along the project route.

The video fill shall be submitted in a format that can be played by conventional video players such as Mircrosoft Video Editor. The media used may be a USB flash drive, a portable HDD or SSD, or a DVD compact disc. Media submitted shall become the property of the City and shall not be returned to the Contractor.

Method of Measurement. This work shall be measured for at the contract unit price per lump sum.

Basis of Payment. This work shall be paid for at the contract unit price per lump sum, for **PRE-CONSTRUCTION VIDEO RECORDING** which price shall include all labor, equipment and materials required to complete the work.

HP-003 – PROGRESS MEETINGS
Effective: January 1, 2020
Revised: January 1, 2023

Weekly progress meetings will be held with the City and the Contractor. The City will send written notification to the Contractor informing him of the date, time and location of the progress meeting. The Contractor's superintendent or staff member responsible for the work shall be present at the meeting.

At the City's discretion the meetings may be held on-site. If the meetings are not held on-site, the City will provide information to hold a virtual meeting via Zoom.

At each meeting the Contractor shall provide the City with a construction schedule. The construction schedule will show future work planned for a two (2) week period out from the date of the progress meeting. Also, the contractor will provide the City with an update on work completed the week prior to the progress meeting.

HP-004 - CONSTRUCTION SEQUENCING WITH FINE FOR FAILURE TO COMPLY
Effective: January 1, 2020

After the completion of underground work, the Contractor is required to begin pavement work within two weeks. At the Weekly Progress Meeting, the Contractor will be informed of this schedule. Failure to adhere to these strict timelines will result in the assessment of fines to the Contractor in the amount of *$1,000.00* per calendar day.

After placement of binder course, the Contractor is required to begin placement of final asphalt surface within two weeks. At the Weekly Progress Meeting, the Contractor will be informed of this schedule. Failure to adhere to these strict timelines will result in the assessment of fines to the Contractor in the amount of $*1,000.00* per calendar day.

HP-005 - COMMENCEMENT DATE WITH FINE FOR FAILURE TO COMPLY
Effective: January 1, 2020

The Contractor shall commence construction on *May 4, 2026.* For each calendar day, exclusive of Saturday, Sunday or a Holiday (including Holidays noted by the City's Ordinance) that elapses without work the contractor shall be assessed fines in the amount of *$500.00* per calendar day.

There may be times when work cannot be performed, such as when inclement weather prevents work from being performed. When this occurs, the Contractor shall bring this in writing to the City Engineer's attention so a determination can be made if work cannot occur. When work is not performed either due to inclement weather or as determined by the City Engineer or when a Holiday takes place, fines will not be assessed.

HP-006 - NOTIFICATION TO THE CITY FOR DRIVEWAY ACCESS WITH FINE FOR FAILURE TO COMPLY
Effective: January 1, 2020

When the work will interrupt access to a driveway the Contractor shall notify the City in writing by 8 a.m., Monday through Friday, **72 hours in advance of this work beginning.** A separate or new notification will be provided if work is not possible due to an item such as inclement weather. **Failure to notify the City within the period noted prior to commencement of this work will result in fines being assessed upon the contractor in the amount of $300.00 per driveway for each 24 hour period that elapses.** Such fines will be deducted, accordingly, from a Progress Payment due to the contractor.

No closure of driveways will be allowed without prior notification. At the Weekly Progress Meeting, the driveway access and closure will be discussed. It is the Contractor's responsibility to notify the City of the plan. Not all driveways will be allowed to close due to mobility issues of the residents. Delays caused by Contractor due to this action will be counted as a working day. No additional contract days will be allowed.

HP-007 - OPENING DRIVEWAYS FOR VEHICULAR ACCESS WITH FINE FOR FAILURE TO COMPLY
Effective: January 1, 2020

The work shall consist of reconstructing concrete curbs, concrete driveway aprons and concrete sidewalks in areas of existing driveways where the work disrupts vehicular access to the driveway. Work includes of removing existing deteriorated concrete as field marked by the City and construction of new concrete to repair the marked areas.

The work shall be done in accordance with Sections 202, 423, 424 and 440 of the Standard Specifications. PP-1 or another mix as approved by the City shall be used to accelerate curing of the concrete.

The Contractor shall sequence the work in a manner to expeditiously complete this portion of the work with a minimum disruption of vehicular access to the driveway.

The total work effort is to be completed in five (5) calendar days, excluding Sundays and adverse weather days. At the end of the five calendar day period vehicular access shall be restored to the driveway and the contractor shall remove traffic control devices that restrict the driveway access.

Failure by the contractor to complete the work and remove the traffic control devices in the specified five (5) calendar days will result in fines being assessed upon the contractor in the sum of $300 per calendar day per driveway.

Such fines will be deducted, accordingly, from a Progress Payment due to the contractor.

HP-008 - PRE-CONSTRUCTION MEETING
Effective: January 1, 2020
Revised: January 5, 2022

Prior to commencing any construction operations, there shall be a pre-construction meeting. The Owner or Engineer will set the time and date of the meeting after execution of the contract by both parties, and the City will provide information to hold a virtual meeting via zoom.

The Contractor shall submit the following items for City review and approval at least (24) hours before the pre-construction meeting:

- A Progress Schedule
- The names and qualifications of the Contractor's designated Project Superintendent and Alternate Project Superintendent. See contract special provision no. HP-033 for submittal requirements.
- The 24-hour emergency phone number, field phone number, pager number, and cellular phone number of the Contractor's superintendent and alternate superintendent.
- The name and 24-hour emergency telephone number of the person in the direct employ of the Contractor who is responsible for administrating the Traffic Control and Protection for the Contract
- A list of subcontractors with contact names, addresses, and phone numbers. Also, include quantity and type of work to be sublet.
- A list of material suppliers with contacts and phone numbers.
- A list of mix designs for concrete and bituminous items to be incorporated in the contract.

HP-009 - CITY OF HIGHLAND PARK - WARM MIX ASPHALT
Effective: January 1, 2020

Description. This work shall consist of designing, producing and constructing Warm Mix Asphalt (WMA) in lieu of Hot Mix Asphalt (HMA). Work shall be according to Sections 406, 407, 408, 1030, and 1102 of the Standard Specifications, except as modified herein. In addition, any references to HMA in the plans, the Standard Specifications, or the special provisions shall be construed to include WMA.

WMA is an asphalt mixture which can be produced at temperatures lower than allowed for HMA utilizing approved WMA technologies. WMA technologies are defined as the use of additives or processes which allow a reduction in the temperatures at which HMA mixes are produced and placed. WMA is produced by the use of additives, a water foaming process, or combination of both. Additives include minerals, chemicals or organics incorporated into the asphalt binder stream in a dedicated delivery system. The process of foaming injects water into the asphalt binder stream, just prior to incorporation of the asphalt binder with the aggregate.

Approved WMA technologies may also be used in HMA provided all the requirements specified herein, with the exception of temperature, are met. However, asphalt mixtures produced at temperatures in excess of 275 °F (135 °C) will not be considered WMA when determining the grade reduction of the virgin asphalt binder grade.

Equipment.

Revise the first paragraph of Article 1102.01 of the Standard Specifications to read:

"**1102.01 Hot-Mix Asphalt Plant.** The hot-mix asphalt (HMA) plant shall be the batch-type, continuous-type, or dryer drum plant. The plants shall be evaluated for prequalification rating and approval to produce HMA according to the current Bureau of Materials and Physical Research Policy Memorandum, "Approval of Hot-Mix Asphalt Plants and Equipment". Once approved, the Contractor shall notify the Bureau of Materials and Physical Research to obtain approval of all plant modifications. The plants shall not be used to produce mixtures concurrently for more than one project or for private work unless permission is granted in writing by the Engineer. The plant units shall be so designed, coordinated and operated that they will function properly and produce HMA having uniform temperatures and compositions within the tolerances specified. The plant units shall meet the following requirements."

Add the following to Article 1102.01(a) of the Standard Specifications.

"(11) Equipment for Warm Mix Technologies.

a. Foaming. Metering equipment for foamed asphalt shall have an accuracy of ± 2 percent of the actual water metered. The foaming control system shall be electronically interfaced with the asphalt binder meter.

b. Additives. Additives shall be introduced into the plant according to the supplier's recommendations and shall be approved by the Engineer. The system for introducing the WMA additive shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes."

Mix Design Verification.

Add the following to Article 1030.04 of the Standard Specifications.

"(e) Warm Mix Technologies.

(1) Foaming. WMA mix design verification will not be required when foaming technology is used alone (without WMA additives). However, the foaming technology shall only be used on HMA designs previously approved by the Department.

(2) Additives. WMA mix designs utilizing additives shall be submitted to the Engineer for mix design verification."

Construction Requirements.

Revise the second paragraph of Article 406.06(b)(1) of the Standard Specifications to read:

"The HMA shall be delivered at a temperature of 250 to 350 °F (120 to 175 °C). WMA shall be delivered at a minimum temperature of 215 °F (102 °C)."

Basis of Payment.

This work will be paid at the contract unit price bid for the WMA pay items involved, unless indicated otherwise in the plans. Anti-strip will not be paid for separately, but shall be considered as included in the cost of the work.

HP-010 - MAINTENANCE OF ROADWAYS
Effective: January 1, 2020

Beginning on the date that work begins on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

HP-012 - CONSTRUCTION WORK PERIODS
Effective: January 1, 2020
Revised: January 1, 2025

Except for such work as may be required to properly maintain lights and barricades, no work will be permitted on Sunday, legal holidays, or weekdays between 7:00 p.m. and 7:00 a.m. On Saturdays, no work shall begin before 9:00 a.m. or continue after 5:00 p.m. without specific permission of the Engineer.

Upon prior written approval of the City, the contractor may work during the hours otherwise prohibited pursuant to the preceding paragraph. Such approval will be conditioned upon the agreement of the contractor to pay to the City 1.5 times the salary and benefits of any City Engineering Inspector required to work as a result of such approval.

Without specific permission of the City Engineer (City of Highland Park) and except for such work as may be required to properly maintain lights and barricades, no work will be permitted on:

A. Weekdays between 7:00 p.m. and 7:00 a.m.

B. Saturdays between 9:00 a.m. and 5:00 p.m.

C. Sundays

D. Holidays listed below:

Holiday	Date Observed
New Year's Day	01/01/2026
Martin Luther King Jr Day	01/19/2026
Passover (beg. Sundown 4/1/26)	04/02/2026
Memorial Day	05/25/2026
Independence Day	07/04/2026
Labor Day	09/07/2026
Rosh Hashanah (beg. sundown 9/11/26)	09/12/2026
Yom Kippur (beg. sundown 9/20/26)	09/21/2026
Veterans Day	11/11/2026
Thanksgiving Day	11/26/2026
Christmas	12/25/2026

HP-013 - USE OF FIRE HYDRANTS
Effective: January 1, 2020
Revised: March 4, 2024

No use of City fire hydrants shall be permitted without obtaining a hydrant meter from the City.

The Contractor shall contact the City's Finance Department (847.432.0800) to make arrangements to make a refundable deposit of $3,000 to the City.

After the deposit is made and accepted by the City, the Contractor may acquire the meter from the Public Works Department at 1150 Half Day Road, Highland Park IL 60035. The individual to contact will be provided to the Contractor at the preconstruction meeting.

When the meter is no longer needed the Contractor shall contact the Department of Public Works to arrange to return the meter. The City will inspect the meter to verify that the hydrant meter was not damaged by the Contractor and is in good working order.

After the City determines that the meter is in good working order the Contractor may contact the City's Finance Department to make arrangements to retrieve the deposit.

HP-014 - POTABLE WATER LINES
Effective: January 1, 2020

Any work performed on a potable water supply shall be done by a plumber licensed by the State of Illinois. The Contractor shall furnish the Engineer with the plumber's license number prior to starting any work on any potable water supply.

HP-015 - LOCAL WASTE COLLECTION SERVICES
Effective: January 1, 2020

The contractor will coordinate his activities with Lakeshore Recycling Systems (773-685-8811) to ensure there is no interruption of waste collection services. Normal waste pick-up for the work area is Thursday. This work will not be paid for separately, but shall be included in the cost of the various pay items associated with the work in this contract.

HP-018 - BRICK PAVER REMOVAL AND REINSTALLATION
Effective: January 1, 2020
Revised: February 22, 2022

Description. This work shall consist of removing brick pavers that are in conflict with the Contractor's work and reinstalling the brick pavers at driveway locations noted in the contract.

Materials. The Contractor shall use the existing brick pavers that were in place prior to his start of work.

Equipment. The equipment shall be capable of completing the necessary work in an efficient and safe manner, as approved by the Engineer.

Construction Requirements.

This work shall be in accordance with applicable portions of IDOT's Supplemental Specifications and Recurring Special Provisions, Adopted January 1, 2022. The Bureau of Local Roads and Streets Special Provision, PAVING BRICK AND CONCRETE PAVER PAVEMENTS AND SIDEWALKS (Check sheet #LRS14) shall apply to this work. The brick pavers that interfere with the proposed combination curb and gutter shown on the plan shall be removed up to the limits established by the Engineer and reinstalled after the proposed curb and gutter has been installed across the driveway. Any leftover bricks shall be salvaged and shall be delivered to affected homeowners. Should the homeowner not want the pavers, they shall then be disposed of offsite at the Contractor's expense.

A sub-base granular material base course shall be prepared to compacted depth of 2" and compacted, and in accordance with Section 311 of the Standard Specifications.

Sand shall be spread over granular base as a setting bed for pavers. Sand shall be spread 2" thick, and leveled to required slope and grade. Minimum thickness of sand shall be 1" after leveling. Bed shall not be compacted until pavers are installed. Surface tolerance shall be within ¼" of required grade as measured with a 10' straightedge in both transverse and longitudinal directions.

The setting bed shall be protected from damage prior to setting pavers. Unit pavers shall be set on sand setting bed. Setting shall be done by competent workmen under adequate supervision, and in accordance with manufacturer's recommendations. Pavers shall be set true to the required lines and grades in a pattern that was the same as the existing condition. Pavers shall be tightly butted. Joints between pavers shall be uniform and shall not exceed 1/8". There shall be no raised edges, either pavers or materials adjacent to pavers that could allow someone to trip. The tolerance for such edges shall be 0" – 1/8" maximum in range. After a sufficient area of pavers has been installed, the pavers shall be compacted by running a mechanical vibratory compactor over the paved surface until the pavers are uniformly leveled, true to grade, and totally immobilized. Where required, pavers shall be accurately cut with a masonry or concrete saw. Cut edges shall be plumb and straight. Scoring and breaking shall not be acceptable. Joints between pavers shall be filled by sweeping sharp sand into the joints. When joints are filled, paver surfaces shall be swept clean of sand.

Method of Measurement. This work shall be measured for work completed in place and accepted by the City per square foot.

Basis of Payment. The removal of the existing paver bricks, resetting of the paver bricks, sub-base and sand materials and installation, excavation, and related work will be paid for at the contract unit price bid per SQUARE FOOT for **BRICK PAVER REMOVAL AND REINSTALLATION**. The quantity shall be calculated as the square footage of the removed bricks to the limits as directed by the Engineer.

HP-024 - JULIE NOTIFICATION
Effective: January 1, 2020

The Contractor is to call J.U.L.I.E. (1-800-892-0123 or 811), a minimum of one week in advance of work being done in the area.

The Contractor shall contact the owner of all utilities and obtain locations of all utilities within limits of the proposed construction

The Contractor will be required to cooperate with all utility companies and municipal agencies involved in connection with the removal, temporary relocation, reconstruction or abandonment by these agencies of any and all services.

No additional compensation will be allowed the Contractor for any expense incurred by complying with these requirements, or because of delays, inconvenience or interruptions in his work resulting from the failure of the municipal agencies or utility company to remove, relocate, reconstruct or abandon their services.

HP-020 - ROCKS/BOULDERS IN THE CITY RIGHT OF WAY/PARKWAY
Effective: January 1, 2020

Description. This work shall consist of temporarily relocating existing boulders in the City's right of way/parkway that are in conflict with the contractor's proposed work.

Equipment. The equipment shall be capable of completing the necessary work in an efficient and safe manner, as approved by the Engineer.

Construction Requirements. The contractor shall provide the City with at least 72 hours notice of boulders that are in conflict with his proposed work. The City shall promptly inform the contractor where the boulder shall be temporarily relocated to a location in the parkway specified by the City. When the contractor completes his work he shall notify the City so that instruction can be provided to the contractor on re-installing the boulders to locations in the parkway specified by the City.

Basis of Payment. This work will not be paid for separately, but shall be included in the cost of various pay items associated with the work in this contract.

HP-025 - PAY ESTIMATES AND PAYMENT
Effective: January 1, 2020

When the Contractor requests payment for work completed, he/she shall submit a pay estimate directly to the City. Pay estimates shall be submitted to:

City of Highland Park
1150 Half Day Road
Highland Park, IL 60035
Attn: Anna Stawski

Pay estimates should be submitted by e-mail to the City's Engineering Inspector at astawski@cityhpil.com.

The pay estimate shall be completed using the City's approved estimate template which shall be provided to the Contractor by the City. The pay estimate shall be signed by the Contractor acknowledging that he/she is in agreement with the quantities shown in the pay estimate.

Upon review and approval by the City the pay estimate shall be submitted to the City's Finance Department for payment.

At the Contractor's discretion payments may be mailed to the Contractor's Office or the Contractor may pick up the payment in person at the City's Finance Department located at 1707 St. Johns Avenue, Highland Park IL 60035. Should the Contractor elect to pick up the payment in person the individual receiving the payment shall have sufficient and adequate proof of identification to demonstrate that he or she is authorized to receive the payment on the Contractor's behalf. The individual receiving the payment shall be 18 years of age or older.

Prior to release of each payment for each pay estimate the Contractor shall provide the City with the required Waiver of Liens and Certified Payroll. Payments will not be released until these items are received and reviewed by the City. The City's Engineering Division will notify the City's Finance Department and the Contractor when the payment may be released to the Contractor.

HP-033 - REQUIRMENT FOR FULL-TIME, ONSITE SUPERINTENDENT WITH FINE FOR FAILURE TO COMPLY
Effective: January 1, 2020
Revised: January 5, 2022

The Contractor shall have onsite, as the Contractor's agent, a competent superintendent, who shall receive instructions from the City Engineer or authorized representative. The superintendent shall have full authority to execute orders or directions of the City Engineer or authorized representative without delay, and to promptly supply such materials, equipment, tools, labor, and incidentals as may be required. Such superintendent shall be furnished by the Contractor irrespective of the amount of work being sublet. The project superintendent will be held responsible for the quality of work, and is subject to removal by the City Engineer for:

a. Non-compliance with quality requirements for the work specified in the Contract.

b. Failure to comply with the City's restrictions concerning the Contractor's performance of work as specified in the Contract.

c. Unprofessional Behavior.

This work shall be done in accordance with Section 105 of the Standard Specifications.

Submittals

At least (24) hours before the preconstruction meeting, the Contractor shall submit the name(s) and qualifications for individuals designated as 1) Project Superintendent and 2) Alternate Project Superintendent for approval by the City Engineer. The Project Superintendent and Alternate Project Superintendent qualifications shall be provided in resume format. Note: The Contractor may designate more than one (1) individual for the role of Alternate Superintendent. Only those individuals approved by the City for the role(s) Project Superintendent and Alternate Superintendent will be considered acceptable for meeting this requirement.

Qualifications

Acceptable Candidates for the role(s) of Project Superintendent and Alternate Superintendent shall possess the following minimum qualifications:

a. A minimum of five (5) years documented experience supervising the type of work being performed by Contractor under the subject contract.

b. The capability to read and thoroughly understand the Contract drawings and specifications.

c. Fluency in the English language.

Duties of the Onsite Superintendent

The Project Superintendent's duties shall include, but are not necessarily limited to, the following:

a. The project superintendent must maintain a physical presence at the project site at all times while work is being performed and is responsible for all construction and related activities at the site, except as otherwise acceptable to the City Engineer.

b. Maintain copies of approved material submittals, shop drawing submittals, work plans, project schedule, up-to-date Contract drawings and specifications, directive letters from the City, material safety data sheets, emergency contact lists, and other documentation pertaining to the contract work at the project site at all times.

c. Maintain an up-to-date copy of the working hardcopy as-built drawings at the project site at all times.

d. Schedule, coordinate, and verify all required utility locates for the project site.

e. Schedule, coordinate, and supervise all material, equipment, and vendor deliveries to the project site.

f. Ensure Contractor's and their Subcontractor's full compliance with all applicable OSHA 29 CFR standards and regulations.

g. Ensure Contractor's and their Subcontractor's full compliance with the restrictions, workmanship and quality standards specified in the Contract documents.

h. Supervise and coordinate ALL Contractor and Subcontractor work activities at the project site. Note: the City's personnel will NOT act as foreman for the Contractor.

i. The City reserves the right at any time to contract for and perform other or additional work on or near the work covered by the contract. The Contractor's onsite superintendent shall coordinate his/her work activity so as not to interfere or hinder the progress or completion of work being performed by other contractors.

j. Attend the preconstruction meeting, pre-work meetings (as needed), and weekly progress meetings.

k. Conduct mishap investigations and mishap reporting in accordance with all applicable OSHA 29 CFR regulations and standards. A mishap is any unplanned, undesired event that occurs during the course of work being performed. The term "mishap" includes accidents, incidents, and near misses. Report all near mishaps and mishaps to the City Engineer AS SOON AS POSSIBLE, but not more than 24-hours after occurrence. The Contractor is responsible for notifying OSHA in accordance with 29 CFR 1904.39 within 8-hours when their employee(s) is fatally injured or 1 or more persons are hospitalized as inpatients as a result of a single occurrence.

l. The City Engineer, or Engineer's authorized representative will notify the Contractor of any detected non-compliance with the Contract requirements. The onsite superintendent shall take immediate corrective action after receipt of such notice. Such notice when delivered to the Contractor's superintendent at the work site, will be deemed sufficient for the purpose of notification. If the Contractor fails or refuses to comply, the City Engineer or Engineer's authorized representative may order the stoppage of all or part of the work until satisfactory corrective action has been taken by the Contractor. No part of the time lost due to such stop orders will be made subject of claim for extension of time or for excess costs or damages by the Contractor.

m. Upon receiving notification from the City Engineer or Engineer's authorized representative, the Contractor's onsite superintendent shall immediately remove from the work site anyone who is incompetent, or who endangers persons or property, or whose physical or mental condition is such that it would impair the employee's ability to

satisfactorily perform the work. Notification to the Contractor will be made in writing if time and circumstances permit. Otherwise, notification will be verbal and will be later confirmed in writing as soon as possible. No such removal, however, will reduce the Contractor's obligation to perform all work required under this contract and immediate replacement shall be made as required.

Failure to perform the above duties will result in the dismissal of the onsite Superintendent and a project work stoppage. The project work stoppage shall remain in effect pending the City's approval of a suitable replacement. No part of the time lost due to such stop orders will be made subject of claim for extension of time or for excess costs or damages by the Contractor.

Notification of Changes

After the City's acceptance of the Contractor's Project Superintendent and Alternate Superintendent, the Contractor shall notify the City Engineer in writing of any proposed personnel change. Proposed personnel changes are subject to review and acceptance by the City Engineer.

Penalty for Non-Compliance by the Contractor

Failure by the Contractor's Superintendent to maintain a full-time presence at the project site during performance of work, without prior approval by the City Engineer, will result in an immediate project work stoppage. Additionally, the Contractor will be assessed fines in the amount of $500.00 per occurrence. Such fines will be deducted, accordingly, from a Progress Payment due to the contractor. The work stoppage shall remain in effect until the deficiency is corrected to the City Engineer's satisfaction. No part of the time lost due to such stop orders will be made subject of claim for extension of time or for excess costs or damages by the Contractor.

No separate payment will be made to the Contractor for providing a full-time onsite superintendent as required under this contract. All costs in connection therewith must be considered a subsidiary obligation of the Contractor.

HP-034 - REMOVAL OF TEMPORARY SANITARY FACILITIES (PORT O JOHN) WITH FINE FOR FAILURE TO COMPLY
Effective: January 1, 2020

The work shall consist of removing temporary sanitary facilities, typically Port O Johns from the City's right of way.

Upon completion of work temporary sanitary facilities, typically Port O John units shall be removed from the City's right of way.

The City shall notify the Contractor of the location where sanitary facilities need to be removed. The Contractor shall remove the units within five (5) calendars days, excluding Sundays and holidays.

Failure by the contractor to remove the all temporary sanitary facilities in the time specified above will result in fines being assessed upon the contractor in the sum of $300 per calendar day per location.

Such fines will be deducted, accordingly, from a Progress Payment due to the contractor.

HP-035 - REMOVAL OF TRAFFIC CONTROL DEVICES WITH FINE FOR FAILURE TO COMPLY
Effective: January 1, 2020
Revised: February 18, 2021

The work shall consist of removing traffic control devices from the City's right of way.

Upon completion of work traffic control devices such as construction signage, changeable message boards and barricades shall be removed from the City's right of way.

The City shall notify the Contractor in writing of the location where traffic control devices need to be removed. The Contractor shall remove the devices within five (5) calendars days, excluding Sundays and holidays.

If the Contractor fails to remove the traffic control devices the City may at its discretion, remove the devices utilizing it the City's Operations Division to accomplish this. If the City's Operations Division removes the devices then the devices shall be relocated and stored at the City's maintenance yard located at 1180 Half Day Road in Highland Park. The Contractor shall be responsible for paying the all City's costs to remove and relocate the devices and shall be responsible for paying the City a daily storage fee of $300 per day. The storage fee shall be charged each calendar day that the devices are stored in the City's maintenance yard, regardless of weekends and holidays.

Failure by the contractor to remove the all traffic control devices in the time specified above will result in fines being assessed upon the contractor in the sums noted above per location of occurrence.

Such fines will be deducted, accordingly, from a Progress Payment due to the contractor.

HP-037 – EXCAVATION LIMITS FOR CURB OR CURB AND GUTTER, SIDEWALK, AND DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT
Effective: February 2, 2022

Description. This work shall be done in accordance with the Standard Specifications insofar as applicable.

The Contractor shall limit parkway excavation for Curb or Curb and Gutter, Sidewalk, and Driveway Pavement removal and replacement to within the following excavation limits:

- 24” maximum from back of curb.
- 24” maximum from edge of sidewalk
- 24” maximum from edge of driveway pavement.

The Contractor is solely responsible for restoration (embankment, topsoil & sodding/seeding) of parkway areas damaged beyond the above specified limits. All costs for parkway restoration above and beyond the specified limits shall be paid for by the Contractor.

Equipment. The Contractor shall utilize properly sized equipment to prevent over digging of the parkway. The equipment shall be capable of completing the necessary work in an efficient and safe manner, as approved by the Engineer.

Construction Requirements. Storage of excavated spoils onsite is prohibited and must be removed at the end of each day.

Curb or curb and gutter excavation/removal and replacement must be scheduled so that work is limited to one side of the street at a time. This scheduling will allow ample parking for residents who are displaced during the curb and gutter removal and replacement process. Once access is restored for one side of the street, curb excavation/removal can begin on the opposite side.

Basis of Payment. This work will not be paid for separately, but shall be included in the cost of various pay items associated with the work in this contract.

HP-038 – PROTECTION OF PORTLAND CEMENT CONCRETE SURFACES
Effective: February 17, 2022

Description. This work shall be done in accordance with applicable portions of Section 420, 423, 424, and 606 of the Standard Specifications except as modified herein.

The Contractor is solely responsible for protecting newly placed concrete curb or curb and gutter, sidewalk, median, pavement, and driveway pavement, and preventing the formation of weak surfaces. Weak surfaces are defined as having improper finish, rain damage, cracks, stains, tire marks, foot prints, insufficient cure, exposed voids, deleterious materials, and/or being mortar rich.

Equipment. The Contractor shall employ adequate means and methods to protect finished concrete surfaces during the curing process. The protective means and methods used by the Contractor are subject to approval by the City Engineer.

Construction Requirements. Following placement and during curing, protect the concrete from injurious action by sun, rain, flowing water, foot traffic, tire marks, mechanical injury, and oil stains. Do not allow concrete to dry out from time of placement before expiration of the specified curing period. During the curing period, protect the concrete from damaging mechanical disturbance, particularly load stress, heavy shock, and excessive vibration.

Repair of Weak Surfaces: Concrete curb or curb and gutter, sidewalk, median, pavement and driveway pavement with weak surfaces must be removed and replaced to the limits directed by the City Engineer or the Engineer's Designated Field Representative. Full removal and replacement of the deficient concrete is the only repair method acceptable to the City. No other methods for repairing weak surfaces will be considered.

All costs for repair of weak surfaces shall be paid for by the Contractor.

Basis of Payment. This work will not be paid for separately, but shall be included in the cost of various pay items associated with the work in this contract.

HP-105-01 - AS-BUILT DRAWINGS-WORKING HARDCOPY AND FINAL SUBMITTAL
Effective: January 1, 2020
Revised: February 16, 2021

Description. This work shall be done in accordance with requirements stated below or Section 105 of the Standard Specifications insofar as applicable.

Materials. This work shall include providing the City with as-built documents.

Construction Requirements. Hardcopy Drawings of the approved plans shall be the basis to be used by the Contractor for recording any revisions that were uncovered during construction. The Contractor shall produce hardcopy drawings of the approved plans from the electronic (pdf) bid-set contract drawings provided by the City. Working Hardcopy As-Built Drawings are the printed, hardcopy sets of drawings that are revised by markup during the execution of the project to show the current as-built conditions. The Contractor must maintain the Working Hardcopy As-Built Drawings at the jobsite at all times.

The Contractor shall revise Working Hardcopy As-Built Drawings by the red-line process to show the as-built conditions during the construction of the project. These drawings must be neat, legible, and accurate. The Contractor shall keep the Working Hardcopy As-Built Drawings current and at least (1) set available on the jobsite at all times. Changes from the contract drawings, which are made during the course of construction must be accurately and neatly recorded as they occur by means of details and notes. The Working Hardcopy As-Built Drawings maybe jointly reviewed for accuracy and completeness by the City Engineer or Engineer's authorized representative and the Contractor prior to the submission of each monthly pay estimate. The pay estimate may not be processed for payment if the Working Hardcopy As-Built Drawings are not submitted prior to the pay estimate. There may be some exceptions such as if the pay estimate contains items that do not require submittal of the Working Hardcopy As-Built Drawing. For example if the pay estimate is only for Mobilization.

The Working Hardcopy As-Built Drawings shall include the following information:

a. The actual location, kinds, and sizes of all subsurface utility lines. In order that the location of these lines and appurtenances may be determined in the event that surface openings or indicators become covered over or obscured, show by offset dimensions to two permanently fixed surface features the end of each run, including each change in direction on the record drawings. Locate valves, splice boxes, and similar appurtenances by dimensioning along the utility run from a reference point. Also record the average depth below the surface of each run.

b. Correct grade, elevations, cross section, or alignment of roads, earthwork, structures, or utilities if any changes were made from the contract plans.
c. Changes in details of design or additional information obtained from working drawings specified to be prepared and/or provided by the Contractor; including

but not limited to: fabrication, erection, installation plans and placing details, pipe sizes, insulation material, dimensions of equipment foundations, etcetera.

d. The topography, invert elevations, and grades of drainage installed or affected as part of the project construction.

e. Notation confirming the installed pay item quantities.

f. Changes or modifications that result from final inspection.

g. Where the contract drawings or specifications present options, show only the option selected for construction on the final as-built prints.

h. Modifications (include within change order price the cost to change working and final record drawings to reflect modifications) and compliance with the following procedures.

i. Follow directions in the Modification for posting descriptive changes.

j. Place a Modification at the location of each deletion.

k. For new details or sections that are added to a drawing, place a Modification by detail or section title.

l. For minor changes, place a Modification by the area changed on the drawing (at each location).

m. For major changes to a drawing, place a Modification by the title of the affected plan, section, or detail at each location.

Working Hardcopy As-Built Drawings

The Working Hardcopy As-Built Drawings are defined above. The following “base” colors must be used in the markups: red, green, and blue:

a. Deletions (Red) – Overstrike deleted graphic items (lines), lettering in notes and leaders.

b. Additions (Green) – Added items, lettering in notes and leaders.

c. Special (Blue) – Items requiring special information, coordination, or special detailing or detailing notes.

Final Hardcopy As-Built Drawings

The Final Hardcopy As-Built Drawings are the completed Working Hardcopy As-Built Drawings, including all markup revisions, which reflect final as-built conditions. These drawings shall include all of the hand written markups that have occurred, since the

contract set was provided to the contractor. If the Working Hardcopy As-Built Drawings are properly maintained during construction, when project construction is complete, the Final Hardcopy As-built Drawings should already be near completion.

The Contractor shall submit the Final Hardcopies of the Working As-Built Drawings in PDF format, saved on a USB compatible flash drive or uploaded to an online cloud storage service provided by the City of the Final Hardcopy of Working As-Built Drawings within 10 Calendar Days after project construction is complete. The media used to provide the documents shall be a USB flash drive that can be read with a typical Microsoft computer.

In addition, the Contractor shall submit Final As-Built Drawings as noted below:

The Final As-Built documents shall be submitted to the City in digital format for record. The digital format submitted shall be:

1. The data of impacted features (added, moved, removed, adjusted, etc.) shall be submitted in an ESRI File Geodatabase (.gdb) with editor tracking enabled.
2. All data will be collected using the NAD 1983 State Plane Illinois East FIPS 1201 US Feet Projection and NAVD88 vertical datum.
3. AutoCAD Civil 3D 2016 files
4. PDF files viewable with a PDF software such as Adobe Reader. The PDF files shall be formatted to print plan sheets to full scale (typically 24” x 36” hard copies).

The as-built documents shall be provided by the contractor upon completion of construction of the project. They shall reflect all changes made in the specifications and working drawings during the construction process, and show the exact dimensions, geometry, and location of all elements of the work completed under the contract. As-built site construction plans shall include the words “As-Built” in the title block with the current date on each revised sheet.

The ESRI File Geodatabase shall include information noted below, as applicable to the project:

1. Roadway
2. Sidewalk
3. Building
4. Water Mains
5. Water Valves (Service and System)
6. Hydrants
7. Water Laterals (Domestic Services)
8. Water Meters
9. Water Meter Pits (Existing and New Ones)
10. Fittings
11. Storm Sewer Mains
12. Catch Basins

13. Inlets
14. Storm Sewer Manholes
15. Detention Manhole Structures including Restrictor Information
16. Discharge Outfalls (Points)
17. Detention Underground Storage Basins
18. Sanitary Sewer Service Laterals
19. Sanitary Sewer Manholes
20. Sanitary Sewer Cleanouts
21. Parkway Trees
22. Street Light – Bulb
23. Street Light – Support
24. Street Signs
25. Points Data Information
26. Surface Data Information
27. Parcels, Alignments, Profiles
28. Assemblies, Corridors
29. Grading
30. Pipes
31. Sections
32. All contract project plans

The media used to provide the documents shall be a USB flash drive that can be read with City's GIS staff. Alternatively, the contractor may provide the City with the digital files through their ftp site or other means mutually agreeable to both parties.

The as-built documents shall be provided by the contractor upon completion of construction of the project. They shall reflect all changes made in the specifications and working drawings during the construction process, and show the exact dimensions, geometry, and location of all elements of the work completed under the contract. As-built site construction plans shall include the words "As-Built" in the title block with the current date on each revised sheet.

A licensed Professional Engineer (PE) and Professional Land Surveyor (PLS) registered in the State of Illinois must stamp the As-Built site construction plans. The PE and/or PLS shall stamp and sign the final engineering pages of the site construction plans; and the PLS shall stamp and sign the final site survey.

Retainage for Final As-Built Drawings

Retainage for the Final As-Built Drawings in the amount of $25,000.00 or 5% of the total contract amount (whichever amount is greater) will be withheld until the submission of Final As-Built Drawings in above noted format are submitted and accepted by the City of Highland Park. If an acceptable Final As-Built Drawing is not provided within 45 Calendar Days from the date that the Contractor received the approval of the Final Hardcopy As-Built Drawings submittal, the City of Highland Park reserves the right to withhold the final retainage to close out the contract.

Method of Measurement. This work shall be measured for at the contract unit price per lump sum.

Basis of Payment. This work shall be paid for at the contract unit price per lump sum, for **AS-BUILT DRAWINGS**.

HP-107-04 - DUST CONTROL WITH FINE FOR FAILURE TO COMPLY

Effective: January 1, 2020

Description. This work shall comply with Article 107.36 of the Standard Specifications and as modified in this specification.

The Contractor shall submit a dust control plan prior to the start of construction that indicates how he will control dust during the construction. The plan shall address dust created by pavement removal activities, dust from trenches created for installation of underground utilities such as sewers or mains, and for dust created by disturbance of the parkway. The plan shall be reviewed and approved by the City prior to implementation of the plan.

In addition to the sample techniques noted in Article 107.36, the Contractor may use asphalt grinding places over trenches or exposed ground to control dust.

Construction Requirements. The Contractor shall maintain dust control measures in the approved plan to the satisfaction of the City.

The Contractor shall at all times be responsible for maintaining dust-free conditions on streets. The City Engineer, or Engineer's authorized representative will notify the Contractor of any detected deficiencies concerning dust control. Such notice when delivered verbally to the Contractor's superintendent at the work site, or via written email sent to the Contractor, will be deemed sufficient for the purpose of notification. The Contractor shall take immediate corrective action after receiving such notice. If the Contractor fails or refuses to comply, the City Engineer or Engineer's authorized representative may order the stoppage of all project work until satisfactory corrective action has been taken by the Contractor. No part of the time lost due to such stop orders will be made subject of claim for extension of time or for excess costs or damages by the Contractor.

Basis of Payment. DUST CONTROL will not be paid for separately, but shall be included in the cost of the various pay items associated with the work in this contract.

Failure by the Contractor to comply with the Standard Specifications, contract plans, or these Special Provisions concerning dust control will result in an immediate project work stoppage. The contractor will receive a fine in the amount of $500.00 per occurrence. Failure by the Contractor to implement satisfactory corrective action in a timely manner will result in additional fines being assessed in the amount of $500.00 per day for each 24 hour period that elapses. Such fines will be deducted, accordingly, from a progress payment due to the Contractor. The work stoppage shall remain in effect until all deficiencies are corrected to the City Engineer's satisfaction. No part of the time lost due to such stop orders will be made subject of claim for extension of time or for excess costs or damages by the Contractor.

In addition, if the Contractor fails to respond, the City may elect to correct the deficiencies and all cost thereof will be deducted from monies due or which may become due the Contractor. This corrective action will in no way relieve the Contractor of his/her contractual requirements or responsibilities.

HP-108-01 - COMPLETION DATE PLUS WORKING DAYS
Effective: January 1, 2020
Revise Article 108.05 (b) of the Standard Specifications as follows:

"When a completion date plus working days is specified, the Contractor shall complete all contract items and safely open all roadways to traffic by 11:59 PM on, October 23rd, 2026 except as specified herein.

The Contractor will be allowed to complete all clean-up work and punch list items within 5 working days after the completion date for opening the roadway to traffic. Under extenuating circumstances the Engineer may direct that certain items of work, not affecting the safe opening of the roadway to traffic, may be completed within the working days allowed for cleanup work and punch list items. Temporary lane closures for this work may be allowed at the discretion of the Engineer.

Article 108.09 or the Special Provision for “Failure to Complete the Work on Time”, if included in this contract, shall apply to both the completion date and the number of working days.

HP-201-01 - TREE PROTECTION
Effective: January 1, 2020

Description. This work shall be done in accordance with Section 201 of the Standard Specifications insofar as applicable.

Materials. This item includes the use of wood-lathe~~,~~ fence type material supported by metal posts no further than 10 feet apart.

Construction Requirements. The temporary fencing should be installed in accordance with City Standard Detail HP DWG.FOR-1041 (TREE PROTECTION DETAIL). It is more effective to fence groups of trees together for protection rather than to address trees separately. The City Forester needs to be contacted prior to construction, or at the pre-con, to inspect and/or approve of the Contractor's proposed tree protection plan and fencing. No equipment or materials should be allowed within the drip line of any tree. Tree protection will be completed at locations as determined by the City.

Method of Measurement. This work shall be measured for at the contract unit price per foot.

Basis of Payment. The work shall be paid for at the contract unit price per foot for **TREE PROTECTION**.

HP-201-02 - TREE ROOT PRUNING, 24 INCHES DEEP
Effective: January 1, 2020

Description. This work shall be done in accordance with the following Root Pruning Standards as well as with Section 201 of the Standard Specifications insofar as applicable.

ROOT PRUNING STANDARDS: The intent of root pruning is to minimize root damage and promote root regeneration when excavation occurs within the critical root zone of the tree.

Location, Depth, Length: For the installation of sewers, water mains, electric lines, telephone lines and cable television lines, the root pruning shall be done at the point where the top of the trench will be closest to the tree and to a depth of 24 inches. For the installation of foundations, the root pruning shall be done at the limits of the over-dig for the foundation and to a depth of 24 inches. For the installation of curbs and similar construction, the root pruning shall be at the limit of excavation and to the depth of excavation. For example, if a curb is being constructed with an over-dig of one foot and a depth of the base of eighteen inches, then the root pruning would be done one foot behind the location of the back of curb and to a depth of eighteen inches. The length of the required root pruning shall be equal to; two feet of length for each inch of tree diameter. For example, the required length of root pruning for a 20 inch diameter tree would be 40 feet. The City or a Certified Arborist may determine that this requirement be modified due to special site conditions.

Equipment. The equipment used must be able to cut the roots cleanly, without tearing or grabbing. Chain type trenchers are not allowed. All equipment used shall be inspected and approved by the City or qualified arborist prior to commencement of work.

Construction Requirements.
Methodology: Where specifying root pruning, the contractor shall identify the location, depth, and length of the root pruning in the field for City approval. This can be done by staking and/or painting a line on the ground. The field location of the root pruning shall not be completed until proper City staff provides final approval.

When the root pruning is complete, the area will be inspected by the City or a qualified arborist to identify any hand pruning that may be necessary to achieve a clean cut on exposed roots. In areas where it is not practical to use a machine to perform root pruning as determined by a qualified arborist, the roots shall be cut cleanly by hand. All trenches resulting from root pruning operations shall be back-filled upon completion. If the trench cannot be backfilled upon completion the trench shall be backfilled no later than 72 hours.

Timing: Root pruning shall be completed as close to the time of excavation as possible. All root pruning shall be completed prior to any disturbance within the critical root zone of a tree. The contractor shall coordinate this with the City or a Certified Arborist to ensure minimum site disturbance and tree impact

Method of Measurement. This work shall be measured for at the contract unit price per foot.

Basis of Payment. The work shall be paid for at the contract unit price per foot for **TREE ROOT PRUNING, 24" DEEP**.

HP-201-03 - TREE REMOVAL (< 15 INCH DIA)
Effective: January 1, 2020

Description. This work shall be done in accordance with Section 201 of the Standard Specifications insofar as applicable.

Construction Requirements. This item shall include the cost for cutting the tree limbs and felling (cutting) the tree trunk in order to chip, haul and properly dispose all of the wood as well as removing the stump below the ground surface in order to grade and level the area where the tree existed to conform with the adjacent ground surface.

Method of Measurement. This work will be measured for payment as each where a tree is removed.

Basis of Payment. The work shall be paid for at the contract unit price per each for **TREE REMOVAL (< 15 INCH DIA)**.

HP-201-04 - TREE REMOVAL (> 15 INCH DIA)
Effective: January 1, 2020

Description. This work shall be done in accordance with Section 201 of the Standard Specifications insofar as applicable.

Construction Requirements. This item shall include the cost for cutting the tree limbs and felling (cutting) the tree trunk in order to chip, haul and properly dispose all of the wood as well as removing the stump below the ground surface in order to grade and level the area where the tree existed to conform with the adjacent ground surface.

Method of Measurement. This work will be measured for payment as each where a tree is removed.

Basis of Payment. The work shall be paid for at the contract unit price per each for **TREE REMOVAL (> 15 INCH DIA)**.

HP-211-01 - TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH
Effective: January 1, 2020

Description. This work shall be in accordance with the applicable portions of Section 211 of the Standard Specifications and with the following provisions.

Construction Requirements. This work shall include all excavation required to achieve a minimum topsoil thickness of 4" which also provides positive drainage over the back of the proposed curb and gutter. Excavation, hauling away, and disposal of this material shall be included under the contract unit price for TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH and no additional compensation will be allowed.

Method of Measurement. TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH shall be measured as specified in Article 211.07 of the Standard Specifications.

Basis of Payment. Basis of Payment. This work shall be paid for at the contract unit price per square yard for **TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH**.

HP-252-01 - SODDING (SPECIAL)
Effective: January 1, 2020

Description. This work shall be according to Section 252.

Materials. Materials shall be according to Article 252.02 and as modified herein.

Construction Requirements. This work shall be done in accordance with Section 252 and as modified herein.

This work shall include placing the City required Blue Grass sod and the application of fertilizer nutrients at a rate of 180 pounds per acre. The nutrients shall consist of Nitrogen (N), available Phosphorus (P2O5), and Soluble Potash (K2O) in the ratio of 5:3:2, respectively, unless directed otherwise by the Engineer. Prior to sodding, the previously placed topsoil must be prepared in accordance with Article 211.05 except that all soil particles must be reduced to a size not larger than l-inch in the largest dimension. All sod, regardless of slope, shall be properly staked in place and rolled as required to the satisfaction of the Engineer.

Revise Article 252.04 as follows: Sod shall not be placed during the months of **June**, July and August.

Watering shall be performed in accordance with Article 252.08 of the Standard Specifications. If required by the Engineer, Supplemental Watering will be paid for separately in accordance with Article 252.13 of the Standard Specifications.

Method of Measurement. This work will be measured for according to Article 252.12.

Basis of Payment. This work shall be paid for at the contract unit price per square yard for **SODDING (SPECIAL)**, which price shall include furnishing and placing fertilizer nutrients.

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HP-252-02 - SUPPLEMENTAL WATERING
Effective: January 1, 2020

Description. This work shall be done in accordance with Section 252 of the Standard Specifications.

Construction Requirements. This item is applicable after the completion of all watering required by Section 252.

Method of Measurement. This work will be measured for payment as each for SUPPLEMENTAL WATERING.

Basis of Payment. This work shall be paid for at the contract unit price per each for **SUPPLEMENTAL WATERING**.

HP-280-01 & HP-280-02 - DRAINAGE STRUCTURE INLET FILTER & INLET FILTER CLEANING

Effective: January 1, 2020

Description. This work shall consist of the furnishing, installation, cleaning, and removal of a drainage structure inlet filter assembly, consisting of a frame and filter bag, to collect sediment in surface storm water runoff at locations shown on the plans or as directed by the Engineer.

Materials. The drainage structure inlet filter shall be the "Catch-All Inlet & Pipe Protector", as manufactured by Mar-Mac Manufacturing Company, Inc., P .0. Box 278, McBee, South Carolina 29101, (877) 962-7622; or approved equal. A detail drawing in the plans depicts the drainage structure inlet filter assembly.

The drainage structure inlet filter assembly consists of a steel frame with a replaceable geotextile fabric bag attached with a steel band with locking cap that is suspended from the frame. A clean used bag and a used steel frame in good condition meeting the approval of the Engineer may be substituted for new materials.

The drainage structure inlet filter assembly frame shall be rigid steel meeting the requirements of ASTM-A36. The frame shall include an overflow feature that is welded to the frame's ring. The overflow feature shall be designed to allow full flow of water into the structure if the filter bag is filled with sediment. The dimensions of the assembly frame shall allow the drainage structure grate to fit into the inlet filter assembly frame opening. The assembly frame shall rest on the inside lip of the drainage structure frame for the full variety of existing and proposed drainage structure frames that are present on this contract.

The drainage structure inlet filter assembly bag shall be constructed of a polypropylene geotextile fabric with a minimum weight of 4 ounces per square yard, a minimum flow rate of 145 gallons per minute per square foot, and designed for a minimum silt and debris capacity of 2 cubic feet. The filter bag shall be reinforced with an outer polyester mesh fabric with a minimum weight of 4 ounces per square yard. The filter bag shall be suspended from the steel frame with a stainless steel band and locking cap. The inlet filter assembly frame shall not cause the drainage structure grate to extend higher than 1/4 inch above the drainage structure frame.

Construction Requirements. The Contractor shall inspect the work site and review the plans to determine the number and dimensions of the various types of drainage structure frames (circular and rectangular) into which the inlet filters will be installed prior to ordering materials.

The drainage structure inlet filter assembly shall be installed under the grate on the lip of the drainage structure frame with the fabric bag hanging down into the drainage structure. The drainage structure inlet filter assembly shall remain in place until final removal of the assembly is directed by the Engineer. The drainage structure inlet filter assembly shall remain the property of the Contractor.

Cleaning of the filter is to be periodically performed as directed by the Engineer, for the

duration of the use of each drainage structure inlet filter assembly. The Engineer will be the sole judge of the need for cleaning, based on the rate that debris and silt is collected at each inlet filter location.
Cleaning of the inlet filter shall consist of inspecting, cleaning (includes removal and proper disposal of debris and silt that has accumulated in the filter fabric bag), by vactoring, removing and dumping or any other method approved by the Engineer.

Final removal of the assembly shall include the disposal of debris or silt that has accumulated in the filter bag at the time of final removal.

Method of Measurement. This work will be measured for payment as each for DRAINAGE STRUCTURE INLET FILTER & INLET FILTER CLEANING.

Basis of Payment. The work shall be paid for at the contract unit price per each for **DRAINAGE STRUCTURE INLET FILTER & INLET FILTER CLEANING**.

HP-280-03 - SILT FENCE
Effective: January 1, 2020

Description. This work shall consist of constructing, removing, maintaining, and disposing of perimeter erosion barrier as part of the project's temporary erosion control system.

General. The work shall be performed according to Section 280 of the "Standard Specifications", City of Highland Park Silt Fence & Alternate Detail, HP DWG FOR-1042A and the following:

The perimeter erosion barrier shall be limited to tempora1y silt filter fence meeting the requirements of AASHTO Standard M 288-00. This specification is applicable to the use of a geotextile as a vertical, permeable interceptor designed to remove suspended soil from overland water flow. The function of a temporary silt fence is to filter and allow settlement of soil particles from sediment-laden water. The purpose is to prevent the eroded soil from being transported off the construction site by water runoff.

Maintenance. The Contractor shall inspect all temporary silt fences immediately after each rainfall and at least daily during prolonged rainfall. The Contractor sha11 immediately correct any deficiencies.

The Contractor shall also make a daily review of the location of silt fences in areas where construction activities have altered the natural contour and drainage runoff to ensure that the silt fences area properly located for effectiveness. Where deficiencies exist as determined by the Engineer, additional silt fence shall be installed as directed by the Engineer.

Damaged or otherwise ineffective silt fences shall be repaired or replaced promptly. Sediment deposits shall either be removed when the deposit reaches half the height of the fence or a second silt fence shall be installed as directed by the Engineer.

Construction Requirements. The silt fence shall remain in place until the Engineer directs it to be removed. After the fence removal, the Contractor shall remove and dispose of any excess sediment accumulations, dress the area to give it a pleasing appearance, and cover with vegetation all bare areas according to the contract requirements.

The removed silt fence may be used at other locations provided the geotextile and other material requirements continue to be met to the satisfaction of the Engineer.

Method of Measurement. This work will be measured for payment in place in feet.

Basis of Payment. This work will be paid for at the contract unit price per FOOT for **SILT FENCE**. The unit price shall include all work and materials necessary to properly install the barrier, maintain the fence throughout the project and to remove and dispose of the used materials at the completion of the project.

HP-403-01 - BITUMINOUS MATERIAL (TACK COAT)
Effective: January 1, 2020

Description. Prior to paving the concrete or HMA base, a tack coat of asphalt shall be applied in accordance with applicable articles of Section 403, 406 and 408 of the Standard Specifications.

Material. Materials shall be according to the following:

- Article/Section 406.02

Equipment. Equipment shall be according to the following:

- Article/Section 1102.05
- Article/Section 1102.07

The equipment shall be capable of completing the work in an efficient and safe manner, as approved by the engineer.

Construction Requirements. Bituminous Material (Tack Coat) shall be prepared and applied in accordance with the following:

- Article/Section 403.05
- Article/Section 403.10
- Article/Section 406.05

Method of Measurement. This work shall be measured for payment in accordance with Article/Section 406.13 of the Standard Specifications.

Basis of Payment. This work shall be paid for at the contract unit price per pound for **BITUMINOUS MATERIALS (TACK COAT)**.

HP-406-01 - WARM-MIX ASPHALT SURFACE COURSE D N50 (MODIFIED)
Effective: January 1, 2020

Description. This work shall consist of installing the final asphalt wearing surface on City Streets and asphalt driveways.

Materials. Materials shall be according to Article 406.02 and as modified herein.

The mix design for this bituminous pavement will meet all criteria for Mix D, N50 HMA pavement and follow the specifications listed in the HOT MIX ASPHALT MIXTURE REQUIREMENT table in the local detail drawings except as modified to meet the following requirements. The bituminous material shall also comply with the special provision, CITY OF HIGHLAND PARK - WARM MIX ASPHALT.

a) The ingredients of the WMA surface mixture shall be combined in such proportions as to produce an aggregate mixture conforming to the following composition limits by weight:

Passing ½" (12.5 mm) sieve	100%
Passing #4 (4.75 mm) sieve	60 – 75%
Passing #8 (2.36 mm) sieve	45 – 55%
Passing #50 (300 µm) sieve	10 – 25%
Passing #200 (75 µm) sieve	3 – 11%

b) No RAP shall be used in the WMA Surface Course.

In addition to the above this material shall comply with the City's special provision, "Warm Mix Asphalt".

Equipment. The equipment shall be according to Article 406.03.

Construction Requirements. This work shall be done in accordance with Section 406.

Method of Measurement. This work will be measured for payment according to Article 406.13.

Basis of Payment. This work will be paid for at the contract unit price per ton for **WARM MIX ASPHALT SURFACE COURSE, MIX "D", N50, (MODIFIED)**.

HP-406-02 - WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH
Effective: January 1, 2020

This work shall consist of constructing Warm-Mix Asphalt (WMA) Driveway Pavement on an aggregate base in accordance with the applicable portions of Sections 351 and 406 of the Standard Specifications, with the Warm Mix Asphalt BDE Special Provision, and with the following provisions.

Materials: Aggregate shall be CA 6 gradation meeting the requirements of Aggregate Base Course, Type B and in accordance with Section 351 of the Standard Specifications.

Construction Requirements: The existing aggregate base shall be replaced with 4" of Aggregate Base Course, Type B. This item will not be paid for separately, but shall be included in the cost of WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH. Prior to the construction of the warm mix asphalt surface course, the entire base shall be shaped and compacted to the satisfaction of the Engineer.

WMA shall be placed to a compacted thickness of three inches, placed in two lifts, of surface course.

The typical driveway patch limit will be between 6 feet and 8 feet behind the proposed back of curb, as shown on the plans. The Contractor shall machine saw a perpendicular joint between that portion of a driveway to be removed and that which is to remain in place. If the Contractor removes or damages the existing driveway outside the limits designated by the Engineer for removal and replacement, the Contractor will be required to repair or replace that portion at his own expense and to the satisfaction of the Engineer.

Removal of the existing driveway pavement will be paid for separately as DRIVEWAY PAVEMENT REMOVAL. All required excavation to complete this work shall be included in the contract unit price for DRIVEWAY PAVEMENT REMOVAL.

Any existing landscape edging adjacent to a driveway shall be removed prior to the removal of the driveway pavement. The Contractor shall store and reinstall this edging to the satisfaction of the Engineer at the time of driveway replacement. If the edging is damaged upon removal or is deemed unsalvageable by the Engineer, the Contractor shall replace the edging of a similar size and material. This work will not be paid for separately, but shall be included in the cost of WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH.

Method of Measurement: This work will be measured in place and the area computed in square yards.

Basis of Payment: This work will be paid for at the contract unit price per square yard for **WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH**, which price shall include the furnishing and placement of aggregate base course, preparation of base, and all labor, equipment, and materials necessary to complete said work.

HP-423-01 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (SPECIAL)
Effective: January 1, 2020

Description. This work shall consist of constructing Portland Cement Concrete (PCC) Driveway Pavement on an aggregate base in accordance with the applicable portions of Sections 351 and 423 of the Standard Specifications with the following provisions.

Materials: Aggregate shall be CA 6 gradation meeting the requirements of Aggregate Base Course, Type B and in accordance with Section 351 of the Standard Specifications.

Construction Requirements: The existing aggregate base shall be replaced with 4" of Aggregate Base Course, Type B. This item will not be paid for separately, but shall be included in the cost of PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (SPECIAL). Prior to the placement of concrete, the entire base shall be prepared to the satisfaction of the Engineer. This work shall conform to the City of Highland Park Standard STR-1031, including the installation of 24" long No. 4 epoxy coated rebar and 1.5" depth saw cut of the driveway flares per the City Standard.

The typical driveway patch limit will be between 6 feet and 8 feet behind the proposed back of curb, as shown on the plans. The Contractor shall machine saw a perpendicular joint between that portion of a driveway to be removed and that which is to remain in place. If the Contractor removes or damages the existing driveway outside the limits designated by the Engineer for removal and replacement, the Contractor will be required to repair or replace that portion at his own expense and to the satisfaction of the Engineer.

Removal of the existing driveway pavement will be paid for separately as DRIVEWAY PAVEMENT REMOVAL. All required excavation to complete this work shall be included in the contract unit price for DRIVEWAY PAVEMENT REMOVAL.

Any existing landscape edging adjacent to a driveway shall be removed prior to the removal of the driveway pavement. The Contractor shall store and reinstall this edging to the satisfaction of the Engineer at the time of driveway replacement. If the edging is damaged upon removal or is deemed unsalvageable by the Engineer, the Contractor shall replace the edging of a similar size and material. This work will not be paid for separately, but shall be included in the cost of PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (SPECIAL).

Method of Measurement: This work will be measured in place and the area computed in square yards
.
Basis of Payment: This work will be paid for at the contract unit price per square yard for **PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (SPECIAL)**, which price shall include the furnishing and placement of aggregate base course, preparation of base, and all labor, equipment, and materials necessary to complete said work.

HP-550-02 - STORM SEWER
Effective: January 1, 2020

Description. The work shall be done in accordance with Section 550 of the Standard Specifications and shall consist of sewer pipe complete in place, including sawcutting, and removal and disposal of existing pavement; excavation; bracing, bedding and covering of pipe; trench dewatering; finish grading; removal and disposal of waste excavated materials and existing sewers and structures as required; protection, replacement, or repair of utilities, coring existing structures for connection of new storm sewers; connection of new sewers to existing structures; but not including trench backfill.

Pipe Materials.

Storm Sewer PVC SDR-26 shall be done in accordance with Section 550 of the Standard Specifications insofar as applicable for the size indicated on the plans. PVC SDR-26 shall meet ASTM D-3034 pipe and D-3212 joint specifications.

S**torm Sewer PVC C900/905** shall be done in accordance with Section 550 of the Standard Specifications insofar as applicable for the size indicated on the plans. PVC C900/905 shall meet ASTM D-2241 pipe and D-2672 or D-3139 joint specifications.

Storm Sewer DIP shall be done in accordance with Section 550 of the Standard Specifications insofar as applicable. Ductile Iron Pipe Storm Sewer shall be Class 52 (min.) with ANSI 21.11 joints.

Storm Sewer Type 2 Class III/IV shall be circular reinforced concrete pipe and conform to the requirements of ASTM C-76, except that elliptical reinforcement is not permitted. Strength classes shall be as shown on the drawings. Joints in circular pipe shall conform to ASTM C-361 and shall utilize O-ring gaskets. Gaskets shall be synthetic rubber or other elastomeric material resistant to gasoline, oils, salt, acids, alkalines and other materials reasonably anticipated to be present in storm sewers. No lift holes are permitted in circular pipe.

Pipe shall be subject to rejection for failure to conform to the requirements of specifications or for the following reasons:

- Fractures or cracks passing through pipe wall or socket, except single cracks not exceeding 2 inches in length at either end of pipe or single chip in the socket exterior for which the mathematical sum of width, depth, and length does not exceed 6 inches, unless these defects exist in more than 5 percent of entire shipment or delivery.
- Chips or fractures on the interior or pipe exceeding 2 inches in length, 1-inch in width, and of depth more than 1/8 barrel thickness.
- Cracks sufficient to impair strength, durability, or serviceability of pipe.
- Defects indicating improper proportioning, mixing, and molding.
- Variations of more than 1/8-inch/lineal foot in alignment of pipe intended to be straight.
- Damaged ends, where such damage would prevent making satisfactory joint.
- Extensive patching or painting of any surface or pipe with exception of miter pipe formed by removal of wedge shaped sections from middle of pipe.
  Acceptance of fittings, stubs, miters, cutoff or other specially fabricated pipe sections shall be based on visual inspection at the job site.

Construction Requirements.

Laying of Sewer: The contractor shall use a laser beam to set the alignment and grade of the sewer. Any work built to incorrect line and grade shall be removed at once and rebuilt to the correct line and grade.

Excavation and Bedding: The trench shall be excavated to an elevation 6 inches below the bottom of the pipe so that the invert of the finished water main will be at the depth and grade as specified on the plans. Spoil material shall be loaded onto trucks as it is excavated and immediately hauled away outside of the City Limits, unless approved otherwise by the Engineer. Well compacted moist CA-6 crushed stone bedding material at least 6 inches in depth below the bottom of the pipe shall be placed the entire width of the trench and the entire length of the pipe to the spring line as specified herein and detailed on the plans. The aggregate shall meet the approval of the engineer.

Backfilling: Trench backfill shall be in accordance with Section 208 of the IDOT Standard Specifications for Road and Bridge Construction, and the detail for Utility Trench / Bedding. All trenches and excavations shall be backfilled immediately after the pipe is laid therein, unless other protection of the pipe line is directed. Under no circumstances shall water be allowed to rise in un-backfilled trenches after the pipe has been placed.

Outside of pavement trench requirement areas, no material shall be used for backfilling that contains stones over a 6-inch dimension, frozen earth, debris, or earth with an exceptionally high void content. For backfill up to a level of 2 feet over the top of the pipe, only selected materials shall be used. Each layer of the selected fine graded backfill, free from stones, lumps, and clods shall be carefully placed and uniformly tamped in a manner to eliminate the possibility of lateral or vertical displacement.

All backfill material up to a height of 24 inches above the top of the pipe shall be carefully deposited in uniform layers not exceeding 12 inches in thickness (loose measure), with each layer compacted by pneumatic or hydraulic tamping equipment approved by the engineer. All backfill material shall be compacted by pneumatic tamping equipment (approved by the engineer) to 90 percent of maximum dry density as determined according to AASHTO T-180 modified proctor density.

Under or within 2-feet of pavement limits, backfilling from the pipe springline to 12” above the pipe shall be well compacted moist CA-6 crushed stone. Backfill above this initial backfill envelope shall be CA-7, or as otherwise directed by the Engineer, with each layer compacted by pneumatic or hydraulic tamping equipment, approved by the Engineer.

All spoil materials shall be cleaned and removed from the pavement or traveled way, shoulders, backslopes and roadway ditches. Spoil material shall not be stored anywhere within the right-of-way. Soil shall be removed by hand from around trees, hydrants, utility poles, etc.

Television Inspection of Completed Sewers: Upon completion of the work, the sewers will be inspected by the City's closed circuit television. The Contractor will notify the City when the line is clean to allow for the equipment to televise the line. **If the line is not cleaned sufficiently to allow for the camera equipment to televise the line, the Contractor will be notified in writing of this and instructed to clean the line. The Contractor shall be charged $300.00 for the City’s efforts to re-mobilize to televise the line. The charge shall be deducted from monies owed in the subsequent pay estimate**. In the event any portion or portions of the sewer were not installed in accordance with the plans and specifications or to the required lines and grades or is otherwise defective, the contractor shall proceed at once to make the necessary repairs and

corrections required to eliminate said defects. After such repairs and corrections have been made, the sewer will be re-televised, and any further corrective work will be done as is necessary. The City may re-televise said corrective work.

Method of Measurement. STORM SEWER will be measured for payment in place in FEET.

Basis of Payment. This work shall be paid for at the contract unit price per FOOT for **STORM SEWER** of the class, type, and diameter specified, and the kind of material when specified.

HP-561-02 - WATER MAIN, DIP, CL52, 8”

Description. Work shall consist of water main pipe complete in place, excavation, bracing, bedding and covering of pipe; trench dewatering; finish grading; removal and disposal of waste excavated materials as required; protection, replacement, or repair of utilities; but not including trench backfill. This work shall be in accordance with Section 561 of the Standard Specifications for Road and Bridge Construction and “The Standard Specifications for Water and Sewer Main Construction in Illinois” current edition, amended as follows:

Materials. Delete Article 561.02 Materials; insert the following: Article 561.02 Materials

DUCTILE IRON PIPE

All ductile iron pipe shall comply with ANSI A21.51, thickness Class 52 made in standard 18 foot lengths. All pipe shall have a cement lining on the inside surface of the thickness meeting the requirements of “half thickness” lining covered by ANSI/AWWA-C104/A21.4. All pipe shall be coated inside and outside with an asphaltic coating.

JOINTS

Ductile iron pipe joints shall be push on and restrained joints.

Mechanical joint or gasketed restrained joint shall be based on the following thrust restraint table:

THRUST RESTRAINT TABLE

TYPE	6”	8”
Horizontal Bend, 11.25°	1	2
Horizontal Bend, 22.5°	2	3
Horizontal Bend, 45°	4	6
Horizontal Bend, 90°	10	13
Vertical Up Bend, 11.25°	1	2
Vertical Up Bend, 22.5°	2	3
Vertical Up Bend, 45°	5	6
Vertical Up Bend, 90°	10	13
Vertical Down Bend, 11.25°	3	4
Vertical Down Bend, 22.5°	6	8
Vertical Down Bend, 45°	12	16
Vertical Down Bend, 90°	28	37
Tee 8” Equal	-	18
Tee 8”R x 6”B	13	-
Tee 6” Equal	13	-
Reducer 8” x 6”	-	8
Dead End/ Valve	14	19

Notes:
1. Lengths in feet per DIPRA thrust restraint design (Soil = Clay 1, Lay Condition = 5, Pressure = 70 psi, SF = 1.5).
2. Bend lengths required on both sides of fitting.
3. Tee lengths required on tee branch.
4. Reducer lengths required on larger pipe.

Restraint shall conform to applicable sections of ANSI/AWWA-C111/A21.11. Pipe shall be furnished with sufficient ductile iron glands, gaskets, and high strength tee head bolts and hexagon nuts to provide for each socket opening. All gaskets shall be of the plain rubber type and made to accurate dimensions. All glands shall be made of high strength ductile iron. Tee head bolts shall have a minimum tensile strength of 50,000 pounds per square inch. All hardware shall be stainless steel.

All joints without a bend fitting shall utilize a gasket type restrained joint pipe system with the following acceptable products:

a) Gaskets which include stainless steel locking segments vulcanized into the gasket.
b) Acceptable products:
    1. American Fastite, Flex-Ring.
    2. Clow Tyton Joint - Type A.
    3. U.S. Pipe TR-Flex Gripper.

All joints with bend fittings shall utilize a restrained joint pipe system using one of the following methods in combination with thrust blocking:

a) Lock rings welded into place around pipe barrel.
b) Bolted rings installed around pipe barrels that fit inside pipe bells.
c) Gaskets which include stainless steel locking segments vulcanized into the gasket.
d) Mechanical joint retainer gland systems that provide locking segments shaped to pipe barrel that do not create stress points on pipe barrel.
    1. Setpoint type retainer glands will not be allowed
e) Acceptable products:
    1. American Fastite, Flex-Ring.
    2. Clow Tyton Joint - Type A.
    3. U.S. Pipe TR-Flex Gripper.

FITTINGS

All fittings (tees, bends, caps, etc.) shall be mechanical joint, ***ductile iron*** furnished with ductile iron restrained joint (mega lug) which conform to ANSI/AWWA C111/A21.11, be smooth, free from scales, lumps, blisters, sand holes, blow holes and defects of every nature which make them unfit for use. No plugging, filling, burning-in, or welding will be allowed. All fittings shall be of the proper dimensions, weights, and quality to meet the requirements specified. Said fittings shall be designed for a maximum working pressure of 350 pounds per square inch and shall be cement lined and asphalt coated.

INSPECTION, HANDLING AND STORAGE

Inspection, handling, and storage shall be in accordance with Section 2 of AWWA C600-87.

Construction Requirements.

EXCAVATION AND BEDDING

The trench shall be excavated to an elevation 6 inches below the bottom of the pipe so that the invert of the finished water main will be at the depth and grade as specified on the plans. Spoil material shall be loaded onto trucks as it is excavated and immediately hauled away outside of the City Limits, unless approved otherwise by the Engineer.

Well compacted moist CA-6 crushed stone bedding material at least 6 inches in depth below the bottom of the pipe shall be placed the entire width of the trench and the entire length of the pipe to the spring line as specified herein and detailed on the plans. The aggregate shall meet the approval of the engineer.

BACKFILLING

Trench backfill shall be in accordance with Section 208 of the IDOT Standard Specifications for Road and Bridge Construction, and the detail for Utility Trench / Bedding. All trenches and excavations shall be backfilled immediately after the pipe is laid therein, unless other protection of the pipe line is directed. Under no circumstances shall water be allowed to rise in un-backfilled trenches after the pipe has been placed.

Outside of pavement trench requirement areas, no material shall be used for backfilling that contains stones over a 6-inch dimension, frozen earth, debris, or earth with an exceptionally high void content. For backfill up to a level of 2 feet over the top of the pipe, only selected materials shall be used. Each layer of the selected fine graded backfill, free from stones, lumps, and clods shall be carefully placed and uniformly tamped in a manner to eliminate the possibility of lateral or vertical displacement. All backfill material up to a height of 24 inches above the top of the pipe shall be carefully deposited in uniform layers not exceeding 12 inches in thickness (loose measure), with each layer compacted by pneumatic or hydraulic tamping equipment approved by the engineer. All backfill material shall be compacted by pneumatic tamping equipment (approved by the engineer) to 90 percent of maximum dry density as determined according to AASHTO T-180 modified proctor density.

Under or within 2-feet of pavement limits, backfilling from the pipe springline to 12” above the pipe shall be well compacted moist CA-6 crushed stone. Backfill above this initial backfill envelope shall be CA-7, or as otherwise directed by the Engineer, with each layer compacted by pneumatic or hydraulic tamping equipment, approved by the Engineer. A final capping layer, above the CA-7 aggregate shall be installed with well compacted moist CA-6 crushed stone, 12” thick.

All spoil materials shall be cleaned and removed from the pavement or traveled way, shoulders, backslopes and roadway ditches. Spoil material shall not be stored anywhere within the right-of-way. Soil shall be removed by hand from around trees, hydrants, utility poles, etc.

Method of Measurement. This work shall be measured for payment in place in feet.

Basis of Payment. This work shall be paid for at the contract unit price per FOOT for **WATER MAIN, D.I.P. CL 52, 8”** measured in place, which price shall include the cost of pipe, all tees, bends, caps, joint materials (including restrained joints), all pipe fittings and accessories, tests, disinfecting of the water mains, disposal of unsuitable material, bedding, blocking, glands and fastening devices required for jointing, corporation stops, copper and test plugs for testing, sterilization and sampling as well as incidental materials required in the construction of said water main complete in place as specified herein and detailed on the plans.

HP-561-02B - WATER MAIN TESTING AND DISINFECTING

Delete Article 561.04 Hydrostatic Tests; insert the following:

Article 561.04 Hydrostatic Tests:

WATER MAIN TESTING

All of the water pipe, fittings, valves, and hydrants shall be tested in accordance with Section 4 of AWWA Specification C600-87.

A hydrostatic pressure test of 150 p.s.i. shall be done in accordance with Section 4. (Hydrants shall be closed and the auxiliary valve shall be open).

A leakage test shall be done after satisfactory completion of the pressure test by maintaining a pressure of 150 p.s.i. for two hour duration in accordance with Section 4. Allowable leakage per 1000 feet of pipe is as follows:

6 inch pipe	0.55 gallons per hour
8 inch pipe	0.74 gallons per hour
10 inch pipe	0.92 gallons per hour
12 inch pipe	1.10 gallons per hour
16 inch pipe	1.47 gallons per hour
24 inch pipe	2.21 gallons per hour

The Contractor may at his option backfill the pipeline before conducting the specified pressure and leakage tests.

In order to make said tests, the Contractor shall furnish all apparatus, piping, hose, pump and pressure tank, gauges properly calibrated, a clean barrel or drum to hold water and a five (5) gallon graduated container calibrated into tenths of a gallon or into one half (1/2) pints.

The City reserves the right to use their own tanks and gauges when it is considered necessary to check the Contractor’s equipment for accuracy. To this end, the Contractor shall have enough valves in the test lines so that the pressure in the main is not released while the equipment change is being made.

To avoid disputes regarding leaky valves, the Contractor shall have ready and use, if needed, a device to bring leakage from all valves to the surface of the ground.

The above specified test shall be performed in sections not to exceed 2000 feet in length. A test plug shall be provided where valves are not positioned to facilitate testing. Stub ends, bends, tees, and hydrant leads shall be securely blocked. Temporary timber blocking of test plugs shall be subjected to the equivalent loading pressure on the line. All joint leaks shall be made tight immediately following the test. All joints in pipelines, valves, fittings, and appurtenances found to be defective under the test shall be repaired at the Contractor’s expense. Mains which fail to meet the requirements of the initial test

shall be retested after being repaired. Tests shall be repeated until all requirements have been met. The use of air for testing will not be permitted.

The Contractor shall furnish all necessary equipment, labor and material for testing, including the required one (1) inch taps and Mueller H-15001 corporations stops, and the whole cost thereof shall be incidental to the contract and included in the unit contract prices.

Disinfection:
Delete Article 561.05 Disinfection of the Water Main; insert the following:

Article 561.05 Disinfection of Water Main.

Before being disinfected, the mains shall be thoroughly flushed by high velocity flushing through the hydrants. Chlorine shall be then injected into the mains as specified below. For this operation, the Contractor shall have inserted in the water pipe, at the connection with the existing main and at intervals of not more than 1000 feet, the required size corporation stop for injection of chlorine and for sampling the water for subsequent bacteriological tests. Said stops shall be brass, Mueller H-15001.

Water mains and accessories thereof shall be chlorinated either by injecting a chlorine gas-water mixture or calcium hypochlorite solution (HTH, Perchloron or Pittchlor) into the main after it is completed. The method to be used will comply with AWWA Specification C601 where applicable. The injected solution shall have a chlorine concentration of approximately 2 percent. To arrive at approximately 2 percent chlorine solution requires the mixing of one pound of high test calcium hypochlorite (65—70 percent C1) to four gallons of water. The amount of this solution required to give a residual of 50 ppm in a 100 foot length of water main is as follows:

6 inch	3/8 gallons/100 feet
8 inch	2/3 gallons/100 feet
10 inch	1 gallon/100 feet
12 inch	1-½ gallons/100 feet
16 inch	2-5/8 gallons/100 feet
24 inch	5-7/8 gallons/100 feet

POINT OF APPLICATION

A one (1) inch corporation cock shall be inserted in the top of the new main at the beginning of each pipeline extension and at both ends of any such extension where means of bleeding off water is not available in order that the sterilization solution will make proper contact with every new pipeline surface. In the latter case, chlorine solution shall be applied at both ends of such extension.

RATE OF APPLICATION

The valve controlling water flow from the existing distribution system into the new work shall be opened only sufficiently to flow slowly into the newly laid pipeline. After regulating

such flow from observation of the rate at the bleed off point, the chlorine shall be pumped into the new main at a uniformly proportionate rate until the displacement water in the pipeline has a uniform contact of chlorine of 50 ppm.

PREVENTING REVERSE FLOW

The Contractor shall exercise every precaution to prevent the chlorinating solution from backing up or flowing beyond the limits of the new pipeline extension into the existing distribution system. All valves and hydrants within the limits of the section being chlorinated shall be operated during the application of the chlorine solution. All Terminal Valves except the feed-in valve shall be kept closed.

RETENTION PERIOD

On completion of the chlorination process, the feed-in valve shall be tightly shut off and the treated water retained in the line at least 24 hours or longer as may be directed by the Engineer. After 24 hour retention in the pipeline, the residual at the extremities of the section shall not be less than 25 ppm.

FINAL FLUSHING AND TEST

Following chlorination, all treated water shall be thoroughly flushed from the newly laid pipelines at the extremities thereof and as directed by the Engineer until the replacement water is chlorine free or has a residual of less than 0.2 ppm. After 24 hour retention of the replacement water in the pipeline, a sample shall be taken from a sterile connection attached to the corporation in the new line and delivered to an EPA certified laboratory for testing and analysis. A second sample shall be taken on the following day and laboratory tested. Quality of water shall meet the requirements of the Division of Public Water Supplies of the State of Illinois for drinking water for at least two consecutive days before placing the new pipeline or section in service.

REPETITION OF PROCEDURE

Should the initial chlorinating treatment fail to result in approved laboratory analysis of the sample water, the chlorination shall be repeated until approved quality of water is obtained from the new pipeline extensions or sections.

Basis of Payment. Water main testing and disinfection shall not be paid for separately but shall be considered included in the cost of the associated water main pay items.

HP-561-04 - WATER VALVE 8" IN 4' DIA. VALVE VAULT
Effective: January 1, 2020

Description. This work shall be done in accordance with Section 561 of the Standard Specifications insofar as applicable, and the "Supplemental Specifications Section 561 Water Main", included herein, and the following:

Materials.

Gate Valves: All gate valves shall be Resilient Seat Gate Valves except hydrant auxiliary valve may be a standard gate valve. Resilient seat gate valves shall be Mueller or approved equal, conforming to AWWA C509-94.

Valves shall be bronze stemmed, modified wedge disc pattern designed for 200 pounds per square inch working pressure. Each valve shall be tested to 400 pounds hydrostatic test pressure and shall be furnished with an O-ring stem seal. Valves shall be closed by turning the stem in a clockwise direction; with 2-inch square operating nut. All valves shall utilize stainless steel nuts and bolts.

Valve Vaults: Valve Vaults shall be constructed in accordance with Section 602 of the Standard Specifications and the H.P. Water Specifications. Vault shall be that of a solid precast concrete manhole structure having a solid bottom and rubber booted (penetrations) openings. Use Type 1 special frame closed solid lid Neenah R-1712 Type B, stamped with the word "WATER" or approved equal. Use LADTECH, Inc. Injection Molded Recycled High Density Polyethylene Adjusting Rings for proposed structures on the streets and curbs.

Method of Measurement. This work will be measured for payment as each.

Basis of Payment. This work shall be paid for at the contract unit price per EACH for **WATER VALVE 8 " & 4' DIA. VALVE VAULT** which price shall include the valve vaults, valve and accessories, excavation and disposal, trench backfill, labor, installation in the valve vault and incidental expenses necessary to furnish and install the valve complete as specified herein and detailed on the plans.

HP-561-05 - WATER MAIN CONNECTION (NON-PRESSURE)
Effective: January 1, 2020

Description. This work shall be done in accordance with Section 561 of the Standard Specifications insofar as applicable, and the "Supplemental Specifications Section 561 Water Main", included herein, and the following:

The work of this Pay Item consists of connecting to existing water mains by providing the necessary fittings, including removal of existing plugs; cutting and removing existing mains; providing bend fitting for connections with immediate changes in alignment; providing reducer fittings for connection of new larger mains to existing smaller mains; providing tie-rods, thrust blocking; excavation; bracing; bedding and covering of pipe; trench dewatering; trench backfilling; testing; disinfection; finish grading; removal and disposal of waste excavated materials; protection, replacement, or repair of utilities; but not including backfilling with special granular backfill materials or fittings.

Materials.

TAPPING SLEEVES
Tapping sleeves and valves shall be Mueller or an approved equal. Tapping sleeves shall be of the mechanical joint type. Tapping valves shall meet the same requirements as listed for Gate Valves, and in addition, the seat opening shall permit full diameter cuts. Tapping sleeves shall be stainless steel with stainless steel hardware.

FITTINGS
Fittings for connections or cutting-in shall meet the same requirements as listed for fittings under Water Main Material.

FASTENERS
All fastening hardware shall be stainless steel.

Method of Measurement. The work shall be measured for payment as each.

Basis of Payment. The work will be paid for at the contract unit price per EACH for **WATER MAIN CONNECTION (NON-PRESSURE)** of the pipe sizes for the connection.

HP-561-06 - HORIZONTAL DIRECTIONALLY DRILLED WATER MAIN 8"

Description. This work shall include pipes installed by trenchless horizontal directional drilling (HDD) method as shown on the Drawings, as specified herein, and as needed for a complete installation. Provide labor, materials, tools, and equipment necessary to perform all work specified in this Section.

Contruction Requirements.

SUBMITTALS.

A. Submit Manufacturer's data on installation procedures and pipe specifications. Obtain approval prior to beginning work.
B. Submit certificates and guarantees installation inspection and verifications forms, and equipment guarantee forms.
C. Submit detailed construction scheduling plan at preconstruction meeting.
D. Provide detailed plan of means and methods to maintain clean and safe conditions in the event drilling material escapes to surface or adjacent storm sewers, including list of material and equipment that will be on-site during drilling and pipe insertion.
E. Prepare a written, comprehensive contingency plan to address the response to, and cleanup of, hydrofracture (frac-outs) and surface spill events (release events). Provide and submit the contingency plan at the Preconstruction Meeting.
F. Submit horizontal directional drilling contract qualifications.

QUALITY ASSURANCE. Use an adequate number of workmen who are thoroughly trained and experienced in the necessary crafts, and who are completely familiar with the specified requirements and methods needed for proper performance of the work of this Section.

A. Contractor performing horizontal directional drilling shall have the following qualifications:
    1. Experience with at least 3 projects of similar pipe diameters and pipe/pullback lengths.
    2. Experience with and use of a pressure probe.
    3. Supervision and drillers, each with a minimum of 5 years of experience with similarly sized projects.

GENERAL CONSTRUCTION REQUIREMENTS.

A. Comply with the requirements of the permit issued by the controlling agency.
B. Provide the insurance and other information required for the above referenced permits.
C. Notify the controlling agency of the construction schedule not less than 10 days prior to the start of the construction.
D. Provide all excavation, pits, installation and removal of tight sheeting, leaving of sheeting in place if indicated on the Drawings, backfilling of pits, compaction of excavated materials, and providing and compacting granular backfill materials where indicated on the Drawings.

DIRECTIONAL DRILLING SYSTEM.

A. Provide hydraulically or pneumatically operated, fluid-assisted, remote guided drilling system capable of installing pipe indicated on the Drawings by trenchless methods.
    1. Provide compressors, pumps, apparatus, tools, and all devices certified as suitable by the system manufacturer to install the new pipe without damaging or stressing the pipe.
    2. Provide recovery system that will recover bentonite slurries or other drilling fluids without releasing the slurry onto the surrounding ground or water surfaces.

3. Provide, use and maintain downhole pressure monitoring equipment.
4. Provide and stock a complete variety of equipment, tools and materials to respond to release events. Equipment and tools include, but are not limited to: backhoe, dozer, tank or dump trucks, rowboat, barrels, vacuum truck, vacuum hoses, shovels, hand tools, lumber, sandbags, tarps, silt fence, compost filter logs, coir wattles, straw bales, spill containment socks and pads, spill berms and portable pumps.

B. Provide certification from pipe manufacturer that the proposed pipe material and strength classification is appropriate for this project's application(s).

DRILLING FLUID.

1. Drilling fluid shall be a mixture of water and bentonite clay. Information regarding other proposed drilling fluids shall be submitted to the Engineer for approval at least two (2) weeks before the opening of bids.
2. (M)SDS sheet(s) for drilling fluid shall be submitted to the Village prior to construction.
3. Disposal of excess drilling fluid and spoils shall be the responsibility of the Contractor. Excess drilling fluid and spoils will be disposed at a location approved by the Engineer.
4. Drilling fluid returns caused by fracturing of formations at locations other than the entry and exit points shall be minimized. The Contractor will immediately clean up any drilling fluid that is exposed through fractures.
5. Drilling shall utilize recirculation and re-use of drilling fluid at the entry point.
6. The Contractor shall be responsible for making provisions for a clean water supply for the mixing of drilling fluid.

DUCTILE IRON PIPE (RESTRAINED JOINT)

A. Material:
   1. Restrained joint pipe shall be Ductile Iron manufactured in accordance with the requirements of ANSI/AWWA C151/A21.51.
   2. Pipe shall be Special Thickness Class 52.
   3. Restrained joint fittings and the restraining components shall be Ductile Iron in accordance with applicable requirements of ANSI/AWWA C110/A21.10 and / or C153/A21.53.
   4. Restrained joint pipe and fittings shall be U.S. Pipe's TR Flex Pipe and Fittings.
   5. Restraint of field cut pipe shall be provided with U.S. Pipe's TR Flex Gripper Ring, TR Flex Pipe field weldments.
   6. Cement mortar lining and seal coating for pipe and fittings, where applicable, shall be in accordance with ANSI/AWWA C104/A21.4. Asphaltic outside coating shall be in accordance with ANSI/AWWA C151/A21.51 for pipe and ANSI/AWWA C111)/A21.10 or ANSI/AWWA C153/A21.53 for fittings.

POLYETHYLENE WRAP:

A. Piping shall be double bagged. Layer 1 (against the pipe) shall be linear low-density polyethylene (LLDPE) V-Bio. Layer 2 shall be HDPE.
B. Reference DIPRA Installation Guide Alternate Modified Method A, Wet Trench Conditions for polyethylene encasement, taping at 2-foot intervals to secure the polyethylene to the pipe. An acceptable alternative to taping at 2-foot intervals is to spiral or "candycane" wrap the tape to secure the polyethylene to the pipe.

SURFACE CONDITIONS. Examine the areas and conditions under which work of this Section will be performed. Drilling operations must not interfere with, interrupt or endanger either surface or subsurface developments. The Contractor must comply with all applicable jurisdictional codes and OSHA requirements.

PROTECTION.

A. Protect existing utilities indicated or made known. This shall include the potholing of all utilities shown on the plans, identified by JULIE, or other information, along the drilling alignment.
B. Protect trees and shrubs by plank wrappers securely wired in place or by providing a fence around the tree or shrub of sufficient distance away and of sufficient height so trees and shrubs will not be damaged in any way as part of this Work.
    1. Do not permit any equipment to operate within five (5) feet of any trees or shrubs that are to remain or in a manner as to harm overhanging branches.
C. Protection of persons and property:
    1. Barricade open depressions and holes occurring as part of this Work, and post warning lights on property adjacent to or with public access. This shall include a 6’ high locked security fence at the end of each working day.
    2. Excavations with openings smaller than 250 square feet shall be plated at the end of each working day.
    3. Operate warning lights during hours from dusk to dawn each day and as otherwise required.
    4. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by operations under this Section.
D. Remove the top six (6) inches of topsoil at entry and exit locations and stockpile the topsoil on-site. Cover the topsoil with tarps and sandbags or other weights to keep the tarps in place. Surround topsoil storage areas and the drilling and separation equipment and tanks with silt fence.
E. Use means necessary to prevent dust from becoming a nuisance to the public, to neighbors, and to other work being performed on or near the work areas.
F. Maintain access to the work areas at all times.
G. Provide protection to environment, public and private property, and public or private utilities from drilling mud that is utilized as lubricant or hole support during drilling and pipe insertion.
    1. Provide vac-trucks and apparatus of sufficient size and quantity to reclaim all mud that may be discharged during operations.
    2. Provide trucks, end loaders, and any other equipment and manpower necessary to maintain a clean and safe work site during operation.
H. HDD activities shall be constantly monitored by the Contractor and may be monitored by the representatives of the Owner, the Engineer, the Resident Project Representative and Environmental Inspector, or any combination of these representatives. Monitoring shall include:
    1. Inspection along the drill path.
    2. Pothole all utilities shown on the plans, identified by JULIE, or other information, along the drilling alignment.
    3. Continuous examination of drilling mud pressure gauges and return flows to the surface pits by the Contractor.

4. Monitoring of drill status information regarding drilling conditions and alignment of the drilling profile during the course of drilling activities, by the Contractor.
5. If a release event occurs, contain the drilling fluids and continue inspection to determine any potential for movement of released drilling mud into or within a wetland or water body. Collect drilling mud returns at the release location for future analysis, as required. Notify the Owner, the Engineer, the Resident Project Representative and Environmental Inspector, or any combination of these representatives. The Owner, or their representative, will keep documentation and photographs of release events.
6. If monitoring indicates a release is occurring or has occurred, the Contractor shall immediately begin containment.
    a. The Contractor shall determine and implement any modifications to the drilling technique or composition of drilling fluid (e.g., thickening of mud by increasing bentonite content, temporary lowering of the downhole pressures, etc.) to minimize or prevent further releases of drilling mud.
    b. If a release occurs within a wetland or water body, reasonable actions within the limitation of directional drilling technology and the Contractor's ability, shall be taken to re-establish drilling mud circulation.
    c. The Owner may evaluate the release to determine if containments structures are warranted and can effectively contain the release. When making this determination, the Owner may consider if placement of containments structures will cause additional adverse environmental impact.
    d. Upon completion of the drilling operations, the Owner may consult with applicable regulatory agencies to determine any final clean-up requirements for the release.
    e. If public health and safety are threatened by the release, drilling operations might be shut down until the threat is eliminated. This measure would be taken as a last resort because of the potential for drill hole collapse resulting from loss of downhole pressure.

I. Dispose of all bentonite slurry, drilling mud, cuttings, pit spoils, etc. at a legal off-site disposal area.

INSTALLATION AND RECEIVING PITS.

A. Provide pits as required to install and receive pipes.
    1. Provide tight sheeting where required to provide protection to public, permitting agency and public property, and adjacent utilities.
    2. Comply with OSHA requirements for type, installation, and removal of sheeting.
    3. Leave sheeting in place where indicated on the Drawings.
    4. Provide fencing around pits to secure the area and to provide protection to the public.
B. Provide pits of length and width as necessary to install pipes and sized to fit area available for Work.
C. Provide dewatering as required to allow excavation of pits and installation of pipes.
    1. Provide protection to environment from erosion or sedimentation resulting from all pumping operations.
D. Backfilling of pits:
    1. Backfill with compacted granular backfill materials at all locations within two (2) feet of curb, sidewalks, roadways, or driveways.
    2. Backfill with compacted excavated materials where granular backfill material is not indicated.

3. Comply with trench backfill per the plan detail for “Utility Trench” except that trench backfill for pits shall not be paid for separately but shall be considered included in the cost of “HORIZONTAL DIRECTIONALLY DRILLED WATER MAIN PIPE”.
4. Re-grade slopes and ditches to match preconstruction condition and adjacent area.
5. Remove all construction debris, materials, excess excavated material, and sheeting from construction area upon completion of the Work.

PIPE INSTALLATION.

A. Install pipe by HDD methods unless conditions require installation by open-cut methods.
B. Complete open-cut installation in strict accordance with pertinent provisions of the Special Provision for WATER MAIN, DIP, CL52, 8”.
C. Provide pipe insertion pits necessary for complete installation of pipe.
   1. Position pits at locations indicated on the Drawings whenever possible.
   2. Provide additional pits as required to install new pipe.
   3. Provide all traffic control, barricades, flagmen, and other items at insertion pit areas as necessary to complete the work.
   4. Provide tight sheeting at insertion pits to keep pit to the minimum size necessary to do the work.
      a. Remove sheeting when work is completed.
D. Connect to manholes or valve boxes where indicated on the Drawings and as outlined in these Specifications.
E. Install pipe by pulling the pipe into place.
   1. Provide winch systems designed to protect structures, provide directional stability, and pull pipe from insertion point to exit point without causing damage to the pipe being inserted.
   2. Insert pipe in a continuous operation from point to point.
   3. Provide lubricants as specified by pipe manufacturer to avoid stressing of pipe beyond its elastic limit during insertion.
   4. Provide silencers, mufflers, or other devices required to reduce noise from compressors and other equipment to meet limits as outlined by Owner's local ordinances.
F. Provide transition fittings and temporary plugs and/or caps on pipes where pipes are left for others to connect to.
G. Provide neoprene or rubber seals between drilled pipe and carrier pipe at termination of drilled pipe, if dual pipes are indicated.
H. Mark location of drilled pipe termination points on "Job Set" of plans, measured from adjacent permanent structures or iron pins.
I. The Engineer must be notified immediately if any obstruction is encountered that stops the forward progress of drilling operations. The Engineer shall review both the situation and the Contractors assessment thereof and then determine the feasibility of continuing drilling operations. When it is determined that it is impossible to continue drilling operations, the Contractor will be allowed to abandon the completed portion in place, unless otherwise directed by the Engineer. Abandonment of installed piping shall be to the satisfaction of the Engineer. The Engineer shall determine the necessity of ordering an alternative construction method in place of horizontal directional drilling.
J. The sizing of the pilot hole reamed to facilitate the insertion of the specified pipe shall be minimized to maximize support for the pipe. Reaming diameter shall not exceed 120% to 150% of the outside diameter of the pipe being installed. The pipe being pulled into the tunnel

will be protected and supported so that it moves freely and is not damaged by stones and debris on the ground during installation.

K. The Contractor will allow sufficient lengths of product pipe to extend pass the termination point to allow for contraction. Pulled pipe shall be allowed forty-eight (48) hours of stabilization prior to making any connections.

TESTING. Repair any defects or leaks in the pipe discovered during testing. Retest all repaired sections until they meet all testing and inspection requirements.

PRESSURE, LEAKAGE TESTING, AND DISINFECTION. Installed water main by directional drilling shall comply with leakage testing, pressure testing, and disinfection in accordance with the Special Provision for WATER MAIN TESTING AND DISINFECTING.

Method of Measurement. This work will be measured for pavement per foot of water main installed from the front inside edge of the drill pit to the front inside edge of the receiving pit.

Basis of Payment. The work shall be paid for at the contract unit price per foot for **HORIZONTAL DIRECTIONALLY DRILLED WATER MAIN**, of the diameter specified, and shall include all work described in this special provision including potholing for utilities and trench backfill of the drilling and receiving pits.

HP-562-01 - SADDLE TAP, 1-1/2”
Effective: January 1, 2020

Description. This work shall be done in accordance with Section 562 of the Standard Specifications except as modified herein.

This work shall consist of furnishing and installing a saddle (making a direct tap on the water main) and connection to the existing water service as directed by the Engineer.

Materials. The saddle shall be Model- POWERSEAL 3131A, Bolt Type SST, Chek-o-Seal Gasket SBR, Order# 687080.

Construction Requirements. Direct taps shall be made to the water main under pressure.

Service taps must be inserted in the street main at an angle not greater than 45 degrees from horizontal diameter and not, in any case, nearer than 24" from the bell of the pipe.
Backfilling will be done using trench backfill where specified, deposited in uniform layers not exceeding 12" in thickness (loose measure), with each layer compacted by pneumatic or hydraulic tamping equipment, approved by the Engineer to 90 percent of AASHTO T-180 modified proctor density.

Driveway crossings will be backfilled with trench backfill conforming to article 703.04, Trench Backfill, and shall be compacted to 90 percent of AASHTO T-180 modified proctor density to an elevation two (2) feet below subgrade, then compacted to 95 percent of AASHTO T-180 modified proctor density to subgrade elevation.

Method of Measurement. This work will be measured for payment as each.

Basis of Payment. This work shall be paid for at the contract unit price per each as **SADDLE TAP 1-1/2”**, which price shall be payment in full for the saddle, service saddle, tap, fittings required to connect to existing service, labor, equipment, excavation, backfilling and trench backfill, compaction, and incidental expenses necessary to complete the work as specified.

HP-562-02 - WATER SERVICE LINE, COPPER REPLACEMENT
Effective: January 1, 2020
Revised: March 12, 2020

Description. This work shall be done in accordance with Section 562 of the Standard Specifications except as modified herein.

Water services shall be installed via horizontal directional drilling (HDD) to the maximum extent possible. Water services may be installed as open cut with prior approval by the City. The work shall include installation of the service, any saw cutting, pavement removal and disposal, clearing and topsoil stripping, excavation, backfill, and aggregate trench backfill. Restoration outside of the plan limits shall be according to the special provision for RESIDENTIAL RESTORATION FOR SERVICE LINE INSTALLATION.

For services shown with new, reconstructed, or existing meter vaults, the cost of the vaults shall be paid for with the various meter vault pay items called out on the plans. For services requiring new curb stop and curb boxes (labeled on the plans as B-Box), the cost of supplying the material, and constructing the B-box shall be considered included in the pay item for WATER SERVICE LINE, COPPER REPLACEMENT.

Materials. Copper water service line shall be Ty-K copper conforming to the requirements of AWWA Specification 7S-CR.

Construction Requirements. Water service lines shall be installed so as to maintain a minimum cover of 5', unless otherwise directed by the Engineer.

Copper from the saddle to the meter shall be continuous; no splices or fittings will be permitted. Backfilling will be done using trench backfill and included in the cost of the service, deposited in uniform layers not exceeding 12" in thickness (loose measure), with each layer compacted by pneumatic or hydraulic tamping equipment, approved by the Engineer to 90 percent of AASHTO T-180 modified proctor density.

Driveway crossings will be backfilled with trench backfill conforming to article 703.04, Trench Backfill shall be compacted to 90 percent of AASHTO T-180 modified proctor density to an elevation two (2) feet below subgrade, then compacted to 95 percent of AASHTO T-180 modified proctor density to subgrade elevation.

Method of Measurement. Measurement for payment shall be per foot, measured from the saddle to the point where the proposed service connects to the existing service.

Basis for Payment. This work shall be paid for at the contract unit price per foot for **WATER SERVICE LINE, COPPER REPLACEMENT** of the diameter which price shall include the copper, boring or open cut as allowed, backfilling, compaction, flushing, labor, equipment, fittings and incidental expenses necessary to make a complete installation from the water main to the residence.

HP-562-04 - LEAD WATER SERVICE REPLACEMENT

Description. This item shall include the identification of all lead water services, the installation of new water service lines via trenchless methods and the connections of the new service line to private and public water systems. It is the responsibility of the Contractor to verify each service line material for each building in the specified area and replace those that are made of lead. This work shall be conducted in accordance with AWWA C810-17 – Replacement and Flushing of Lead Service Lines.

Construction Requirements.

Public Interaction and Preliminary Inspection. A private property access agreement will need to be executed for each property for which a new water service replacement is being installed before the Contractor is allowed access. The private property access agreement is included with these bid documents. The hours allowed for private property access shall be 7 a.m. to 7 p.m. Monday through Friday. The Contractor may be required to work evenings and weekends to gain access to perform the installations. All weekend work must be approved in advance by the City of Highland Park.

In addition to the access agreement, additional notifications to the public may include but not be limited to the following over the course of the project:

1. A door hanger notification that informs residents about upcoming lead service line replacements and allows residents to set up an appointment.
2. Public Side Only Replacement Notice.
3. Filter Informational Form.
4. Landscaping Turnover Notice.

The Contractor shall be responsible for the initial contact of the water customers in writing to obtain access to private property for each residence. The Owner shall provide informational material regarding lead water service replacement that shall be included with the Contractor's mailing. The Contractor shall make a minimum of three documented attempts to gain access to the residence as outlined in the Illinois Lead Service Line Replacement and Notification Act. The first notification shall be delivered at least 45 days prior to the anticipated start of construction. If there is no response, a follow up notification shall be posted at the property 30 days prior to the anticipated start of construction. Pending response, a third and final notice shall be provided outlining the dangers of lead pipes within 15 days of the anticipated start of construction. If, after three attempts, no contact has been made with the customer, or, if on the first attempt, the customer refuses to allow installation of the new service connection, the Contractor shall inform the Owner of the address and nature of the problem. The Owner shall then take the necessary steps to secure access to the property for the Contractor to perform the work. If the water customer still refuses to grant the Contractor access involving a lead service line replacement, then the Owner will document the access refusal.

Once the water customer has notified the Contractor that they are ready to schedule the work, the Contractor shall make an appointment promptly. The first appointment shall be to survey the water customer's building interior and establish the best possible method for water service replacement. The Contractor shall also verify the presence of a lead service line prior to starting construction. The Contractor and the water customer shall come to an understanding on the work to be performed and the restoration associated, including the possibility of electrical re-grounding. The Contractor shall also provide a sketch to the homeowner of the location of the new service line in relation to the existing service line as part of the Access Agreement package, with customer sign off on the sketch. The sketch shall also show or list the expected restoration and methods of construction. The Engineer shall be contacted if any resolution is required. At the first appointment

or promptly after, the Contractor shall give the water customer a four-hour maximum time window on the selected day to arrive at the property to do the work. After the work appointment is made, the Contractor shall call the water customer 24 hours in advance to the scheduled appointment to confirm and tell the water customer the name of the installer for this work. This work shall be included in the cost for the various service line replacement pay items.

The Contractor will be responsible for providing only licensed plumbers in the State of Illinois for installation of the private water services. The Contractor shall also be a registered plumbing firm with the State of Illinois. All employees of the Contractor entering a property (either licensed plumber or additional apprentice) shall be 18 years of age or older and shall provide photo identification. It will be required that all of the Contractor's staff present themselves in a professional manner and appearance. The Contractor's staff appearance shall include some sort of uniform shirt with a company logo identifying this staff member as an employee of the Contractor.

The vehicle the Contractor and staff use for this project shall be clearly marked with the Contractor's company name. The installation staff shall be considerate to the water customer and their property. For interior work, installation staff are to protect their shoes with new disposable covers for every installation. The Contractor shall minimize tracking or spreading of foreign materials within the residence. The Contractor shall not proceed if it appears that any of the property will be damaged or left in a state of disrepair with the installation of the water service. The Contractor shall consider coring through the floor or walls for properties that may be sensitive to excessive vibration. The water customer shall be contacted before the installation.

Any disturbance within the property shall be minimized. Any unnecessary infringement of new water piping or appurtenances into the usable space of property shall also be kept to a minimum. The water customer shall be notified of the proposed water piping location prior to construction. No debris or water is to be left behind once the installation is complete. Any incidental damage that was not planned as part of the service replacement work shall be paid for by the Contractor, including water exposure through walls and floors. The Contractor shall notify the Engineer if the interior of the building is not suitable for the work to be performed.

Alternative Methods. Alternative methods of constructing the lead service line replacement may be evaluated as submittals. The Contractor will be held to bid price for this pay item regardless of installation method.

General Installation.

Exterior Work

Open trenching shall be kept to a minimum. The service lines shall be installed with trenchless technologies unless trenching is absolutely necessary. This work shall consist of Horizontal Directional Drilling of copper pipe for water services at locations indicated on the exhibits or as directed by the City/Engineer. For service line replacement, the copper water service will connect the water main in the street and plumbing inside the building with a connection to a new curb stop/box. The Contractor and water customer will determine the best method of penetrating the building for water service installation during the initial inspection. Any disputes will be taken up with the Engineer.

Avoid underground obstructions by steering horizontally around them. Pipe may be installed at greater depths to facilitate the installation if the proposed greater depth is reviewed and approved by the City/Engineer before installation. No additional compensation shall be allowed for piping or related structures installed at greater depths.

All directionally drilled water service piping shall be in accordance with Sections 41-2.11through 41-2.13 of the “Standard Specifications for Water and Sewer Main Construction in Illinois, Latest Edition.” This item shall include all excavation necessary for approach and receiving pits. No additional compensation shall be provided for any damages to other public or private property. No additional compensation shall be provided for the number of setups required to install the service lines. All repairs to property and setups shall be restored at the Contractor’s expense.

The Contractor shall splice with a brass coupling and flared joint for homes that have service lines longer than one coil of pipe. If excavation is necessary to splice the coils, the excavation shall be restored according to the special provision for RESIDENTIAL RESTORATION FOR SERVICE LINE INSTALLATION.

The Contractor shall provide adequate protection of the water services when the services are subject to IEPA horizontal and vertical separation requirements, including providing water main quality casings, if necessary. The Contractor shall meet the requirements outlined in the Title 77 Ill. Adm. Code 890.1150 Variance published by IDPH.

The Contractor performing the Horizontal Directional Drilling shall have five (5) years of experience installing directional drilled piping systems. The Contractor shall provide work history of completed projects.

If the existing water meter is coupled with a pit meter transmitter and not scheduled for meter replacement the contractor is required to install an exposed transmitter and the associated wiring. The City will supply the transmitter and will be responsible for the associated programming.

A direct tap as shown in the details is required when tapping the existing water main. The corporation stop shall be as shown in the details, or an Engineer-approved quarter-turn equivalent. The existing corporation stop shall be closed and capped, and the abandoned existing service shall be cut and plugged on both sides of the cut. Any underground or above ground utilities in need of support from the excavation shall be properly supported.

For Meter Pits

For any meter pits still in operation, the meter pit and property shall be evaluated for the feasibility of relocating the meter to the interior of the building if the property will have a private side replacement. If the site is feasible for meter relocation, the work will not be paid for separately but will be included in this item.

For service line replacements where the meter cannot be moved inside, a new meter pit shall be replaced and installed in the parkway at the Owner’s discretion and in no case positioned in a street, sidewalk, or driveway or buried underground. Meter pits shall be installed as described in the attached Water Meter Pit detail ASTM C-478 concentric cone including new risers and valves as specified. Meter pit replacements will be paid for per EACH for NEW DOMESTIC METER VAULT.

Backfill

Trenching and excavations shall be backfilled once work is completed and shall be done in accordance with the plan detail for “Utility Trench” as applicable and as directed by the Engineer.

All trenches within HMA or PCC surfaces shall be capped with at least 6” of compacted Coarse Aggregate 6 (CA-6) and brought to grade for a driving/walking surface until the HMA or PCC restoration occurs.

Utilities

The Contractor shall be responsible for locating any possible conflicting utilities. All excavations to expose/locate existing utilities shall be considered included in the cost of LEAD WATER SERVICE REPLACEMENT.

Curb stop location

If it is feasible to locate the meter pit inside the building, the curb stops shall be installed in the parkway and in no case shall be positioned in a street or driveway or buried underground. The curb stops and curb boxes material shall be per the standard drawings or Owner approved equal. An 8" X 8" X 2" cement or brick block shall be placed under each curb stop to ensure stability. All material shall be as approved by the Owner prior to installation. All proposed services and associated valves shall be sized per the pay item, unless noted otherwise by the Engineer or Owner. The curb stop valve shall be keyed and evaluated for functionality at the end of the project by representatives of the City. Nonfunctional curb stops/boxes will be remedied at the Contractor's expense.

Interior Work

Prior to beginning the work of connecting the new service inside the house, the water supply to the service line and the property owner shall be shut off to avoid release of particulate lead into the property owner's premises. After all connections have been completed, the Contractor shall flush the water from an outside connection (such as a hose bibb or hose leading from the building side of the meter) to remove any particles in the service line. Flush at full velocity for at least 30 minutes for any lead service line replacement, even public partials. The Contractor shall then advise the property owner to flush the interior premise plumbing in accordance with the instructions provided in the Owner- provided informational material. This work shall be conducted in accordance with AWWA C810-17 – Replacement and Flushing of Lead Service Lines.

The Contractor shall furnish and install all materials required to connect to the existing water service on the interior of home. The Contractor shall core drill a sufficient diameter hole through the existing foundation wall to allow for penetration by the water service pipe or elect to enter the building through the basement floor or slab by penetrating the floor or slab and hand excavating to the proposed service line. The Contractor shall exercise caution to prevent damaging the existing foundation or slab. The Contractor shall be responsible for repairing any damage to the foundation, basement walls, and basement floor or slab caused by the installation of water service, including water leaks during the project's warranty period. Three (3) new interior water shut-off valves (ball valves) shall be installed on either side of the meter and on the drain. The ball valves shall be McDonald No Lead Ball Valves, Full Port Ball Valves – 72032T.

All water service lines installed in unheated crawl spaces shall be insulated to prevent freezing. The cost for the insulation shall be included in the cost of this pay item.

Electrical Grounding

1. The contractor shall provide new ground rod and pipe electrode to establish new grounding connection to electrical service ground bus and shall meet requirements of NEC 250.52(5).
2. The Contractor shall locate new ground rod(s) as required exterior to the building. Conduit penetrations shall be permitted through walls as required for new installation. All exposed cabling shall be concealed in conduit, and all penetrations shall be sealed weathertight. Contractor shall not be permitted to drill holes in existing floor for interior ground rod installation. The ground rod shall be installed per NEC section 250.53. The electrode shall be installed such that at least 8 feet of length is in contact with the soil and shall not exceed 45 degrees from the vertical.
3. Grounding electrode conductors shall be installed in accordance with NEC 250.64 and shall be sized in accordance with NEC 250.66.

4. Metal water piping systems installed in or attached to a building or structure shall be bonded to any of the following:
    a. Service equipment enclosure
    b. Grounded conductor at the service
    c. Grounding electrode conductor if of sufficient size
    d. One or more grounding electrodes used, if the grounding electrode conductor or bonding jumper to the grounding electrode is of sufficient size.
5. The bonding jumper(s) shall be installed in accordance with NEC 250.64. The points of attachment of the bonding jumpers shall be accessible. The bonding jumpers shall be sized in accordance with NEC Table 250.102(C)(1).
6. Other metal piping systems:
    a. If installed or attached to a building or structure, a metal piping system including gas piping, that is likely to become energized shall be bonded to any of the following:
        i. Equipment grounding conductor for the circuit that is likely to energize the piping system
        ii. Service equipment enclosure
        iii. Grounded conductor at the service
        iv. Grounding electrode conductor, if of sufficient size
        v. One or more grounding electrodes used, if the grounding electrode conductor or bonding jumper to the grounding electrode is of sufficient size.
    b. The bonding conductors or jumpers shall be sized in accordance with Table 250.122, and equipment grounding conductors shall be sized in accordance with Table 250.122. The points of attachment shall be accessible.

Abandonment

Abandonment shall be per the special provision for ABANDON EXISTING WATER SERVICE.

Documentation.

For each lead water service replacement, the Contractor shall provide the City with the following documentation:

1. Digital Photographs (each photo shall be named with the address and description in the file name)
    a. Digital photograph of each building receiving a new service line with address clearly visible
    b. Digital photographs of water main and meter connection locations showing new pipe and old pipe in the same location, if possible.
    c. Digital photographs of the exterior and interior pre-installation and post-installation conditions on private property
    d. Digital photo of the service line being installed (starting and ending points)
    e. Digital photo of B-Box after relocation
    f. Other Digital Photos as needed.
    g. Digital photographs will be sent to the Engineer and the City immediately after work is completed via text message, and then uploaded to the ArcGIS database by the Contractor
2. Account Data
    a. Address# (to be provided)
    b. LSL Count # (to be provided)
    c. Account # (to be provided)
    d. Meter Serial Number Verification
    e. Meter Size
    f. Meter Type
    g. Meter Manufacturer
    h. Meter Reading- Existing and New

i. Remote Wire Conductor Information (two or three wires)
j. Occupancy of the House
k. Type of basement

3. Lead Service Line Replacement Data
    a. Proposed Service Line Length (ft)
    b. Proposed Service Line Diameter (Inch)
    c. Proposed Service Line Material
    d. Existing Service Line Diameter (Inch)
    e. Existing Service Line Material
    f. Method of Installation
    g. New Service Line Approximate Location in Relationship to the Front of the House
    h. Changed Out Date
    i. Homeowner Rep. Accepting the Water Pitcher & Filters
    j. Name of Licensed Plumber Overseeing the Job
    k. Licensed Plumber Number
    l. LSLR Starting Flushing Time
    m. LSLR Ending Flushing Time

The above documentation shall be provided by the Contractor to the Owner in a format that is suitable to the City, which may require on site data input using a GIS collector application and shall be updated throughout the project. The work associated with the documentation shall not be paid for separately but shall be included in the cost of the various contract pay items

Basis of Payment. The cost for the labor and materials, work associated with horizontal directional drilling of the service and connection to interior plumbing, b-box, and water main, excavation, bracing and supporting all utilities exposed by the excavations, penetrating the building envelope for the proposed water service, reconnection of the water services, private property outdoor restoration to the original condition, disposal of materials from inside the building, trench backfill, cutting, plugging, capping, crimping, and disposal of lead pipes, flushing, documentation, and other tasks included in this special provision shall be paid for at the contract unit price per EACH for **LEAD WATER SERVICE REPLACEMENT**. Payment will be withheld until complete documentation is received.

Note that all interior restoration shall be performed by the home owner. All exterior restoration will be paid for per the special provision for RESIDENTIAL RESTORATION FOR SERVICE LINE INSTALLATION.

HP-562-05 - LEAD FILTER PITCHER WITH SIX MONTHS OF FILTER CARTRIDGES

Prior to completion of the work, the Contractor shall provide each address that received a new service line- even those that were public side only replacements- with a Point of Use water filter that meets both NSF/ANSI 42 and 53 certifications for lead reduction with a minimum capacity of 0.5 gallons and six months of replacement cartridges or a minimum of 150 gallons of filtration capacity. The filter shall not be a permanent faucet filter. The Contractor shall have the resident provide a signature to acknowledge receipt of the filter on a form provided by the City. The form shall be turned in with other documentation. The cost for the materials and work associated with providing the lead filter pitcher and six months of lead filter cartridges will be paid for at the unit price bid EACH for **LEAD FILTER PITCHER WITH SIX MONTHS OF FILTER CARTRIDGES**.

HP-562-06 - ABANDON EXISTING WATER SERVICE

Description. This work shall include abandoning the water services that connect to existing water mains and restoring impacted areas.

Construction Requirements. The contractor shall locate existing water service connections to existing water mains through locating assistance by the City of Highland Park. If the City is unable to locate the water service, the Contractor shall perform locating services to identify the existing corporation stop on the existing Oak Street and Edgecliff Drive water mains. This may be completed by hydro-excavation, open cut excavation, or other means in order to locate the existing corporation stop. Abandonment at the water main shall include closing the corporation stop, cutting a segment of the existing service, and plugging both ends of the service with non-shrink grout.

On the property side, the existing service shall be fully exposed at the location of the new service connection and a 2-foot section shall be cut out. The existing service shall be plugged with non-shrink grout.

This work shall include all excavations; service locating and removal; trench backfill as required; disposal of excavated materials and removed service line; restoration for those locations outside of the restoration limits defined on the plans; maintenance of traffic as directed by the Engineer; and all labor, equipment, and materials required to complete the work.

Restoration at those locations outside of the limits shown on the plans shall match the restoration types provided on the plans and shall be included in ABANDON EXISTING WATER SERVICE.

Basis of Payment: This work will be paid for at the contract unit price per each for **ABANDON EXISTING WATER SERVICE**, which shall include the work described above.

HP-563-05 - SANITARY SEWER, PVC 8", GUIDED AUGER AND HDD INSTALLATION

Description. This work shall include a installation of PVC ASTM D2241 sanitary sewer by guided auger pilot boring followed by HDD installation. Phase 1 shall include the installation of steered pilot tube. Phase 2 involves installing pipe by trenchless horizontal direction drilling (HDD) method.

Submittals.

A. Submit Manufacturer's data on installation procedures and pipe specifications. Obtain approval prior to beginning work.
B. Submit certificates and guarantees installation inspection and verifications forms, and equipment guarantee forms.
C. Submit detailed construction scheduling plan at preconstruction meeting.
D. Provide detailed plan of means and methods to maintain clean and safe conditions in the event drilling material escapes to surface or adjacent storm sewers, including list of material and equipment that will be on-site during drilling and pipe insertion.
E. Prepare a written, comprehensive contingency plan to address the response to, and cleanup of, hydrofracture (frac-outs) and surface spill events (release events). Provide and submit the contingency plan at the Preconstruction Meeting.
F. Submit horizontal directional drilling contractor qualifications.
G. Submit guided auger boring contractor qualifications.

Quality Assurance. Use an adequate number of workmen who are thoroughly trained and experienced in the necessary crafts, and who are completely familiar with the specified requirements and methods needed for proper performance of the work of this Section.

A. Contractor performing horizontal directional drilling and guided auger boring shall have the following qualifications:
    1. Experience with at least 3 projects of similar pipe diameters and pipe/pullback lengths.
    2. Experience with and use of a pressure probe.
    3. Supervision and drillers, each with a minimum of 5 years of experience with similarly sized projects.

General Construction Requirements.

A. Comply with the requirements of the permit issued by the controlling agency.
B. Provide the insurance and other information required for the above referenced permits.
C. Notify the controlling agency of the construction schedule not less than 10 days prior to the start of the construction.
D. Provide all excavation, pits, installation and removal of tight sheeting, leaving of sheeting in place if indicated on the Drawings, backfilling of pits, compaction of excavated materials, and providing and compacting granular backfill materials where indicated on the Drawings.

Protection of Persons and Property:

A. Barricade open depressions and holes occurring as part of this Work, and post warning lights on property adjacent to or with public access. This shall include a 6' high locked security fence at the end of each working day.
B. Excavations with openings smaller than 250 square feet shall be plated at the end of each working day.

C. Operate warning lights during hours from dusk to dawn each day and as otherwise required.
D. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by operations under this Section.

Guided Auger Drilling System.
Provide a steerable mirco-tunneling auger system with an open face cutting wheel and articulating head, temporary steel casings with hollow stem augers, pilot tube machine with jacking cylinders. The equipment shall include technology for real time constant monitoring and correction for line and grade. Micro-tunneling system shall provide an accurate line and grade to within 1" of the design elevation at the upstream and downstream ends of the pilot hole.

Directional Drilling System.
A. Provide hydraulically or pneumatically operated, fluid-assisted, remote guided drilling system capable of installing pipe indicated on the Drawings by trenchless methods.
    1. Provide compressors, pumps, apparatus, tools, and all devices certified as suitable by the system manufacturer to install the new pipe without damaging or stressing the pipe.
    2. Provide recovery system that will recover bentonite slurries or other drilling fluids without releasing the slurry onto the surrounding ground or water surfaces.
    3. Provide, use and maintain downhole pressure monitoring equipment.
    4. Provide and stock a complete variety of equipment, tools and materials to respond to release events. Equipment and tools include, but are not limited to: backhoe, dozer, tank or dump trucks, rowboat, barrels, vacuum truck, vacuum hoses, shovels, hand tools, lumber, sandbags, tarps, silt fence, compost filter logs, coir wattles, straw bales, spill containment socks and pads, spill berms and portable pumps.
B. Provide certification from pipe manufacturer that the proposed pipe material and strength classification is appropriate for this project's application(s).

PVC Pipe (Splined Joint) and Joints.
A. Material:
    1. Pipe Standard: ASTM D2241.
    2. Diameter Standard: Iron Pipe Size (IPS)
    3. Dimension Ratios & Pipe Stiffness: SDR 21 – 224 psi
    4. Lay Length: 10'
    5. Color: Green
    6. Pipe Compound: ASTM D1784 Cell Class 12454
    7. Pipe Joint Standard: ASTM D3139
    8. Max. Angular Deflection: 0.5º
    9. Gasket Standard: ASTM F477
    10. Installation Standard: ASTM D2321

Pipe Tracer Wire. Provide 7x19SS (T304) PVC coated stainless steel Aircraft Cable; sized to withstand pull required, but minimum 3/16-inch diameter.

Surface Conditions. Examine the areas and conditions under which work of this Section will be performed. Correct conditions detrimental to timely and proper completion of the Work. Do not proceed until unsatisfactory conditions are corrected.

Protection.

A. Protect existing utilities indicated or made known. This shall include the potholing of all utilities shown on the plans, identified by JULIE, or other information, along the drilling alignment.
B. Protect trees and shrubs by plank wrappers securely wired in place or by providing a fence around the tree or shrub of sufficient distance away and of sufficient height so trees and shrubs will not be damaged in any way as part of this Work. Do not permit any equipment to operate within 5 feet of any trees or shrubs that are to remain or in a manner as to harm overhanging branches.
C. Protection of persons and property:
    1. Barricade open depressions and holes occurring as part of this Work, and post warning lights on property adjacent to or with public access.
    2. Operate warning lights during hours from dusk to dawn each day and as otherwise required.
    3. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by operations under this Section.
D. Remove the top six (6) inches of topsoil at entry and exit locations and stockpile the topsoil on-site. Cover the topsoil with tarps and sandbags or other weights to keep the tarps in place. Surround topsoil storage areas and the drilling and separation equipment and tanks with silt fence.
E. Use means necessary to prevent dust from becoming a nuisance to the public, to neighbors, and to other work being performed on or near the work areas.
F. Maintain access to the work areas at all times.
G. Provide protection to environment, public and private property, and public or private utilities from drilling mud that is utilized as lubricant or hole support during drilling and pipe insertion.
    1. Provide vac-trucks and apparatus of sufficient size and quantity to reclaim all mud that may be discharged during operations.
    2. Provide trucks, end loaders, and any other equipment and manpower necessary to maintain a clean and safe work site during operation.
H. HDD activities shall be constantly monitored by the Contractor and may be monitored by the representatives of the Owner, the Engineer, the Resident Project Representative and Environmental Inspector, or any combination of these representatives. Monitoring shall include:
    1. Inspection along the drill path.
    2. Pothole all utilities shown on the plans, identified by JULIE, or other information, along the drilling alignment.
    3. Continuous examination of drilling mud pressure gauges and return flows to the surface pits by the Contractor.
    4. Monitoring of drill status information regarding drilling conditions and alignment of the drilling profile during the course of drilling activities, by the Contractor.
    5. If a release event occurs, contain the drilling fluids and continue inspection to determine any potential for movement of released drilling mud into or within a wetland or water body. Collect drilling mud returns at the release location for future analysis,

as required. Notify the Owner, the Engineer, the Resident Project Representative and Environmental Inspector, or any combination of these representatives. The Owner, or their representative, will keep documentation and photographs of release events.

6. If a monitoring indicates a release is occurring or has occurred, the Contractor shall immediately begin containment.
    a. The Contractor shall determine and implement any modifications to the drilling technique or composition of drilling fluid (e.g., thickening of mud by increasing bentonite content, temporary lowering of the downhole pressures, etc.) to minimize or prevent further releases of drilling mud.
    b. If a release occurs within a wetland or water body, reasonable actions within the limitation of directional drilling technology and the Contractor's ability, shall be taken to re-establish drilling mud circulation.
    c. The Owner may evaluate the release to determine if containments structures are warranted and can effectively contain the release. When making this determination, the Owner may consider if placement of containments structures will cause additional adverse environmental impact.
    d. Upon completion of the drilling operations, the Owner may consult with applicable regulatory agencies to determine any final clean-up requirements for the release.
    e. If public health and safety are threatened by the release, drilling operations might be shut down until the threat is eliminated. This measure would be taken as a last resort because of the potential for drill hole collapse resulting from loss of downhole pressure.

I. Dispose of all bentonite slurry, drilling mud, cuttings, pit spoils, etc. at a legal off-site disposal area.

Installation and Receiving Pits.

A. Provide pits as required to install and receive pipes.
    1. Provide tight sheeting where required to provide protection to public, permitting agency and public property, and adjacent utilities.
    2. Comply with OSHA requirements for type, installation, and removal of sheeting.
    3. Leave sheeting in place where indicated on the Drawings.
    4. Provide fencing around pits to secure the area and to provide protection to the public.
B. Provide pits of length and width as necessary to install pipes and sized to fit area available for Work.
C. Provide dewatering as required to allow excavation of pits and installation of pipes.
    1. Provide protection to environment from erosion or sedimentation resulting from all pumping operations.
D. Backfilling of pits:
    1. Backfill with compacted granular backfill materials at all locations within 5-feet of curb, sidewalks, roadways, or driveways.
    2. Backfill with compacted excavated materials where granular backfill material is not indicated.
    3. Re-grade slopes and ditches to match preconstruction condition and adjacent area.
    4. Remove all construction debris, materials, excess excavated material, and sheeting from construction area upon completion of the Work.

Pipe Installation.

A. Install pipe by guided auger pilot boring followed by HDD methods.
B. Provide pipe insertion pits necessary for complete installation of pipe.
    1. Position pits at locations indicated on the Drawings whenever possible.
    2. Provide additional pits as required to install new pipe.
    3. Provide all traffic control, barricades, flagmen, and other items at insertion pit areas as necessary to complete the work.
    4. Provide tight sheeting at insertion pits to keep pit to the minimum size necessary to do the work.
        b. Remove sheeting when work is completed.
C. Connect to manholes or valve vaults where indicated on the Drawings and as outlined in these Specifications.
D. Install PVC pipe by pulling the pipe into place.
    1. Provide winch systems designed to protect structures, provide directional stability, and pull pipe from insertion point to exit point without causing damage to the pipe being inserted.
    2. Insert pipe in a continuous operation from point to point.
    3. Provide lubricants as specified by pipe manufacturer to avoid stressing of pipe beyond its elastic limit during insertion.
    4. Provide silencers, mufflers, or other devices required to reduce noise from compressors and other equipment to meet limits as outlined by Owner's local ordinances.
E. Joints:
    1. For PVC, provide elastomeric seals in non-metallic restrained joint couplings that are restrained with use of nylon splines.
        a. Utilize ductile iron mechanical gland adapters only when connecting to ductile iron pipe at extremities of PVC installation.
F. Provide transition fittings and temporary plugs and/or caps on pipes where pipes are left for others to connect to.
G. Provide neoprene or rubber seals between drilled pipe and carrier pipe at termination of drilled pipe, if dual pipes are indicated.
H. Mark location of drilled pipe termination points on "Job Set" of plans, measured from adjacent permanent structures or iron pins.
I. Install pipe tracer wire (and conduit) pulled into place alongside the main pipe, at each drilling location for the total length of pipe.
    1. Connect tracer wire to ductile or steel pipe or to tracer wire on pipe installed by other methods with a “hard” connection at each end of directional drilled pipe.

Testing. Repair any defects or leaks in the pipe discovered during testing. Retest all repaired sections until they meet all testing and inspection requirements.

Pressure and Leakage Testing. Installed force main by directional drilling shall comply with leakage testing, and pressure testing in accordance with the Special Provision for SANITARY SEWERS, PVC, 8”.

Basis of Payment. The work shall be paid for at the contract unit price per foot for **SANITARY SEWER, PVC 8", GUIDED AUGER AND HDD INSTALLATION** and shall include all work described in this special provision including potholing for utilities and trench backfill of the drilling and receiving pits.

HP-563-06 - ABANDON AND FILL EXISTING SEWER

Description. This work shall consist of the abandonment of the existing storm and sanitary sewers to remain in place.

Materials. Pipes shall be filled with Controlled Low-Strength Material (CLSM). CLSM shall meet the requirements of Section 1019.

Construction Requirements. All pipes to be abandoned and filled shall have both ends plugged with block and mortar to create a watertight seal. The upstream plugged end will include a fill pipe and 90 degree bend to receive the fill material. Care shall be taken so that the pipe is completely filled with CLSM. The sewer shall be filled when no longer required for MOT drainage.

Sewers are to be abandoned and filled at the locations shown on the contract plans. The CLSM shall be placed in accordance with Section 593 of the Standard Specifications.

Trench backfill will not be paid for separately and is included in the cost of this item.

Method of Measurement. This work will be measured for payment in units of feet of existing sewer to be filled.

Basis for Payment. This work will be paid for at the contract unit price per FOOT (regardless of the size of the pipe) as **ABANDON AND FILL EXISTING SEWER** as shown in the plans or as directed by the Engineer.

HP-563-07 - ABANDON EXISTING SANITARY SERVICE

Description. This work shall include abandoning the existing sanitary services that outfall to existing sanitary sewers and restoring impacted areas.

Construction Requirements. The contractor shall identify existing sanitary service outfalls through die testing in combination with closed circuit televising of the mainline sewer. A City inspector shall be on site during dye testing and televising, and must confirm the abandonment plan prior to implementation. Once identified, existing sanitary services shall be abandoned by plugging the upstream and downstream ends.

On the downstream end, the service shall be located as close to the Oak Street and Edgecliff Drive mainline sewers as possible while remaining in the parkway. The existing sanitary service shall be excavated in the parkway, fully exposed, and a 2-foot section shall be cut out. Both sides of the existing service shall be brick and mortared and the excavation shall be backfilled.

On the upstream side, the existing service shall be fully exposed at the location of the new service connection and a 2-foot section shall be cut out. The existing service shall be brick and mortared.

This work shall include all excavations; service locating and removal; trench backfill as required; disposal of excavated materials and removed pipes; restoration for those locations outside of the restoration limits defined on the plans; maintenance of traffic as directed by the Engineer; and all labor, equipment, and materials required to complete the work.

Restoration at those locations outside of the limits shown on the plans shall match the restoration types provided on the plans, and shall be included in ABANDON EXISTING SANITARY SERVICE.

Basis of Payment. This work will be paid for at the contract unit price per each for **ABANDON EXISTING SANITARY SERVICE**, which shall include the work described above.

HP-564-01 - FIRE HYDRANT / AUX. VALVE AND VALVE BOX
Effective: January 1, 2020
Description. This work shall consist of furnishing and installing fire hydrants with auxiliary valve and valve box at those locations shown on the plans. This work shall be done in accordance with Section 564 of the Standard Specifications insofar as applicable

Materials. Hydrants shall be Waterous Pacer Hydrant Model WB67-250 detailed on manufacturer standard drawing HPL83133, or approved equal as an alternate with auxiliary valve and box. See attached manufacturer detailed specifications on the drawings attachments.

Construction Requirements. The Contractor shall also furnish all incidental materials in connection with the construction for which no provision for unit price payment is made herein. These shall include all fittings, bends, reducers, etc., plain rubber gaskets or approved packing, glands and stainless steel fastening devices required for cast, ductile iron jointing as well as incidental materials, concrete, wood blocking, etc., required in the construction. The Contractor will also furnish corporation stops for testing, sterilization and sampling as required. **ALL BOLTS SHALL BE 304-316 STAINLESS STEEL.**

Method of Measurement. This work shall be measured for payment in place as each.

Basis of Payment. This work shall be paid or at the contract unit price per each for **FIRE HYDRANT/AUX. VALVE & VALVE BOX**, which price shall be payment in full for the hydrant, valve, valve box, connecting pipe, labor, equipment, excavation, bedding, blocking, tie-rods, stone, backfilling and incidental expenses necessary to make a complete installation as specified herein and detailed on the plans.

HP-565-01 - DOMESTIC METER VAULT REMOVED & REPLACED WITH NEW METER VAULT
Effective: January 1, 2020

Description. This work shall be done in accordance with the City of Highland Park detail for Domestic Meter Vault and Section 565 and 605 of the Standard Specifications except as modified herein.

This work will consist of removal of the existing meter vault and constructing a new meter vault complete with new frame at the locations shown on the plans as detailed thereon or at the direction of the Engineer. All materials furnished and work performed shall be in accordance with local plumbing ordinances and regulations of the City Water Department.

Construction Requirements. The Contractor shall provide the City with at least 72 hours' notice, excluding Saturday, Sunday or a Holiday, prior to disconnecting the Antenna wire or disconnecting the meter as described below.

Disconnecting the Antenna Wire
Reference the City's Domestic Meter Vault Detail, H.P. DWG. No. WD-1001. The existing meter vault lid has the City's Neptune R900 Antenna attached to the lid. The antenna has a wire that connects the antenna to the meter's MIU device located in the vault. The wire is attached to the MIU via a plastic threaded connector. The Contractor shall carefully disconnect the wire that is connected from the antenna to the MIU by unscrewing the threaded connector. Cutting of the antenna wire shall not be permitted. After the wire is disconnected from the MIU, the lid along with the antenna and wire feed from the antenna shall be carefully moved and stored by the Contractor for re-use.

Disconnecting the Meter
The Contractor shall carefully remove the existing meter and MIU. The MIU is typically attached to the meter and is direct wired to the meter. The meter and MIU shall be carefully moved and stored by the Contractor for re-use.

Installation of the Meter, MIU, Antenna/Lid
The existing meter along with the MIU shall be re-installed by the Contractor after the new meter vault is installed. The existing lid with the antenna shall be re-used. The wire feed from the antenna shall be reconnected to the MIU by screwing in the plastic threaded connector to the MIU.

Any damage to the lid, antenna wire feed (including cutting of the wire feed), MIU or meter shall be the Contractor's responsibility and shall be replaced at his expense.
If the meter reading equipment or meter requires replacement and the need for the replacement is not due to the Contractors actions (e.g., equipment was not working prior to the start of construction) the City shall supply the contractor with the necessary parts to replace defective items. The Contractor will remove defective items and install new items supplied by the City.

Existing meter vault frames shall be turned over to the Public Works Department and remain the property of the City.

Basis of Payment. This work shall be paid for as follows:

Removal items and new installation items shall be paid for at the contract unit price per each for **DOMESTIC METER VAULT REMOVED & REPLACED WITH NEW METER VAULT**.

Removal items shall include removal of the existing meter pit; removal of the meter, meter reading components, fittings; backfill of the removal with suitable excavated material or trench backfill (if in the pavement); equipment and incidental expenses necessary to remove said vault as specified herein and detailed on the plans and in the City's Domestic Meter Vault Detail, H.P. DWG. No. WD-1001.

New installation items shall include excavation, new frame, pre-cast vault, stone base, reinstallation of the meter, reinstallation of the meter reading components, all fittings, connection of old service where necessary, equipment and incidental expenses necessary to install said vault complete as specified herein and detailed on the plans and in the City's Domestic Meter Vault Detail, H.P. DWG. No. WD-1001.

HP-565-04 - NEW DOMESTIC METER VAULT

Description. This work shall consist of constructing a new meter vault complete with new frame at the locations shown on the plans as detailed thereon or at the direction of the Engineer.

Construction Requirements. This work shall be done in accordance with the City of Highland Park detail for “Domestic Meter Vault” and Section 565 and 605 of the Standard Specifications except as modified herein. All materials furnished and work performed shall be in accordance with local plumbing ordinances and regulations of the City Water Department.

New meters shall be furnished by the City for installation within the new vault.

Basis of Payment. This work shall be paid for at the contract unit price per EACH for **NEW DOMESTIC METER VAULT**, which price shall include the new frame, pre-cast vault, installation of meter, all fittings, connection of old or new service, trench backfill, equipment and incidental expenses necessary to install said vault complete as specified herein and detailed on the plans.

HP-570-01 - RESIDENTIAL RESTORATION FOR SERVICE LINE INSTALLATION

Description. This work includes all in-kind restoration that is necessary for the water and sanitary service line (and cleanout) installations both on private property and within City ROW where restoration is required beyond the limits shown on the plans. This work will occur for service line installation at the following Sheridan Road addresses:

1) 2674 (including any adjacent impacts to 2662)
2) 2684
3) 2693
4) 2700
5) 2714
6) 2736
7) 2744

Construction Requirements. All restoration work and materials shall be in accordance with applicable sections of the Standard Specifications and the project Special Provisions.

The Contractor shall provide a pre-construction videotape along the full length alignment of the services for each property and submit it to the Engineer. Unless otherwise directed by the Engineer and approved by the City, all service lines shall be installed via directional drilling. The Contractor shall perform potholing as needed to locate existing service lines at connection points to the proposed new service line; potholing shall not be paid for separately but shall be included in this item. The Contractor shall submit a Service Installation Plan for each residence to the Engineer for approval prior to commencing work; the Service Installation Plan will identify the following items:

- Drilling and receiving pit locations and dimensions.
- Necessary open cut installation areas and anticipated trench widths.
- Anticipated in-kind restoration. Items may include but are not limited to:
    - Concrete pavement and sidewalk.
    - Asphalt pavement.
    - Pavers.
    - Topsoil and sodding.
    - All other landscaping, such as planter beds, mulch, flowers, trees and shrubs, decorative rocks and boulders, and anything else that may be encountered.
    - Sprinkler systems.
    - Fencing.
    - Lighting fixtures.
    - Pool tiles.
    - All home exterior and interior restoration for service connections made inside the home where necessary.

Following the completion of the Project, the Contractor will leave the property in a condition clean and free of debris. Where any interior and exterior areas were disturbed for the purpose of gaining access to the work area, the contractor shall be responsible for ensuring areas which were subject to demolition are clean cut with straight edges and all debris is removed from the property. Any damage caused by the Contractor unrelated to the purpose of gaining access to the work area shall be the responsibility of the Contractor to repair at their own cost.

Photos of anticipated service connection locations are provided for Contractor reference, see the appendices to these special provisions. The photos are not meant to be inclusive of all potential restoration areas; it is the responsibility of the Contractor, during bidding and construction, to identify all costs associated with restoration at each property.

Basis of Payment. The restoration work described herein shall be paid for at the contract lump sum price for **RESIDENTIAL RESTORATION FOR SERVICE LINE INSTALLATION**, including all labor, equipment, and materials necessary to complete the work. Potholing, restoration of potholed areas, pre-construction videotaping, and preparation of the Service Installation Plans for each residence are also included in this lump sum price.

HP-1004-01 - COURSE AGGREGATE FOR BACKFILL, TRENCH BACKFILL, AND BEDDING
Effective: March 12, 2020

This work shall be according to Section 1004.05 of the Standard Specifications except for the following:

Reclaimed Asphalt Pavement (RAP) may be blended with gravel, crushed gravel, crushed stone crushed concrete, crushed slag, chats, crushed sandstone or wet bottom boiler slag. The RAP used shall be according to the current Bureau of Materials and Physical Research Policy Memorandum, “Reclaimed Asphalt Pavement (RAP) for Aggregate Applications”. The RAP shall be uniformly graded and shall pass the 1.0 in. (25 mm) screen. When RAP is blended with any of the coarse aggregate listed above, the blending shall be done mechanically with calibrated feeders. The feeders shall have an accuracy of + 2.0 percent of the actual quantity of material delivered. The final blended product shall not contain more than 40 percent by weight RAP.

The coarse aggregate listed above shall meet CA 6 and CA 7 gradations prior to being blended with the processed and uniformly graded RAP. Gradation deleterious count shall not exceed 10% of total RAP and 5% of other by total weight.

AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS (D1)
Effective: April 1, 2001
Revised: January 2, 2007

Revise Article 402.10 of the Standard Specifications to read:

"**402.10 For Temporary Access.** The contractor shall construct and maintain aggregate surface course for temporary access to private entrances, commercial entrances and roads according to Article 402.07 and as directed by the Engineer.

The aggregate surface course shall be constructed to the dimensions and grades specified below, except as modified by the plans or as directed by the Engineer.

(a) Private Entrance. The minimum width shall be 12 ft (3.6 m). The minimum compacted thickness shall be 6 in. (150 mm). The maximum grade shall be eight percent, except as required to match the existing grade.

(b) Commercial Entrance. The minimum width shall be 24 ft (7.2 m). The minimum compacted thickness shall be 9 in. (230 mm). The maximum grade shall be six percent, except as required to match the existing grade.

(c) Road. The minimum width shall be 24 ft (7.2 m). The minimum compacted thickness shall be 9 in. (230 mm). The grade and elevation shall be the same as the removed pavement, except as required to meet the grade of any new pavement constructed.

Maintaining the temporary access shall include relocating and/or regrading the aggregate surface coarse for any operation that may disturb or remove the temporary access. The same type and gradation of material used to construct the temporary access shall be used to maintain it.

When use of the temporary access is discontinued, the aggregate shall be removed and utilized in the permanent construction or disposed of according to Article 202.03."

Add the following to Article 402.12 of the Standard Specifications:

"Aggregate surface course for temporary access will be measured for payment as each for every private entrance, commercial entrance or road constructed for the purpose of temporary access. If a residential drive, commercial entrance, or road is to be constructed under multiple stages, the aggregate needed to construct the second or subsequent stages will not be measured for payment but shall be included in the cost per each of the type specified."

Revise the second paragraph of Article 402.13 of the Standard Specifications to read:

"Aggregate surface course for temporary access will be paid for at the contract unit price per each for TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE) or TEMPORARY ACCESS (ROAD).

Partial payment of the each amount bid for temporary access, of the type specified, will be paid according to the following schedule:

(a) Upon construction of the temporary access, sixty percent of the contract unit price per each, of the type constructed, will be paid.

(b) Subject to the approval of the Engineer for the adequate maintenance and removal of the temporary access, the remaining forty percent of the pay item will be paid upon the permanent removal of the temporary access."

HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D1)

Effective: November 1, 2019
Revised: January 1, 2025

Revise Article 1004.03(c) to read:

"(c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

Use	Size/Application	Gradation No.
Class A-1, A-2, & A-3	3/8 in. (10 mm) Seal	CA 16 or CA 20
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & A-3	Cover Coat	CA 14
HMA High ESAL	IL-19.0; Stabilized Subbase IL-19.0	CA 11 1/
	SMA 12.5 2/	CA 13 4/, CA 14, or CA 16
	SMA 9.5 2/	CA 13 3/4/ or CA 16 3/
	IL-9.5	CA 16, CM 13 4/
	IL-9.5FG	CA 16
HMA Low ESAL	IL-19.0L	CA 11 1/
	IL-9.5L	CA 16

1/ CA 16 or CA 13 may be blended with the CA 11.

2/ The coarse aggregates used shall be capable of being combined with the fine aggregates and mineral filler to meet the approved mix design and the mix requirements noted herein.

3/ The specified coarse aggregate gradations may be blended.

4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve."

Revise Article 1004.03(e) of the Standard Specifications to read:

"(e) Absorption. For SMA the coarse aggregate shall also have water absorption ≤ 2.0 percent."

Revise the “High ESAL” portion of the table in Article 1030.01 to read:

“High ESAL	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, Stabilized Subbase IL-19.0
	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5”

Revise Note 2. and add Note 6 to Article 1030.02 of the Standard Specifications to read:

“Item Article/Section

(g)Performance Graded Asphalt Binder (Note 6) 1032
(h) ..... Fibers (Note 2)

Note 2. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 6. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein..”

Revise table in Article 1030.05(a) of the Standard Specifications to read:

"MIXTURE COMPOSITION (% PASSING) 1/												
Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-9.5FG		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max	min	max
1 1/2 in (37.5 mm)												
1 in. (25 mm)		100										
3/4 in. (19 mm)	90	100		100								
1/2 in. (12.5 mm)	75	89	80	100		100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	60	75 6/	90	100
#8 (2.36 mm)	20	42	16	24 4/	16	32 4/	34 5/	52 2/	45	60 6/	70	90
#16 (1.18 mm)	15	30					10	32	25	40	50	65
#30 (600 μm)			12	16	12	18			15	30		
#50 (300 μm)	6	15					4	15	8	15	15	30
#100 (150 μm)	4	9					3	10	6	10	10	18
#200 (75 μm)	3.0	6.0	7.0	9.0 3/	7.5	9.5 3/	4.0	6.0	4.0	6.5	7.0	9.0 3/
#635 (20 μm)			≤ 3.0		≤ 3.0							
Ratio Dust/Asphalt Binder		1.0		1.5		1.5		1.0		1.0		1.0

1/ Based on percent of total aggregate weight.
2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.
3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.
4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.

5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.
6/ When the mixture is used as a binder, the maximum shall be increased by 0.5 percent passing."

Revise Article 1030.05(b) of the Standard Specifications to read:

(b) Volumetric Requirements. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 and SMA mixtures it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

	Voids in the Mineral Aggregate (VMA), % Minimum for Ndesign				
Mix Design	30	50	70	80	90
IL-19.0		13.5	13.5		13.5
IL-9.5		15.0	15.0		
IL-9.5FG		15.0	15.0		
IL-4.75[1/]		18.5			
SMA-12.5[1/2/5/]				17.0[3/]/16.0[4/]	
SMA-9.5[1/2/5/]				17.0[3/]/16.0[4/]	
IL-19.0L	13.5				
IL-9.5L	15.0				

1/ Maximum draindown shall be 0.3 percent according to Illinois Modified AASHTO T 305.

2/ The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30°F.

3/ Applies when specific gravity of coarse aggregate is ≥ 2.760.

4/ Applies when specific gravity of coarse aggregate is < 2.760.

5/ For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone”

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

“IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steal slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours.”

Revise the first and second paragraphs of Articles 1030.06(c)(2) of the Standard Specifications to read:

"(2) Personnel. The Contractor shall provide a QC Manager who shall have overall responsibility and authority for quality control. This individual shall maintain active certification as a Hot-Mix Asphalt Level II technician.

In addition to the QC Manager, the Contractor shall provide sufficient personnel to perform the required visual inspections, sampling, testing, and documentation in a timely manner. Mix designs shall be developed by personnel with an active certification as a Hot-Mix Asphalt Level III technician. Technicians performing mix design testing and plant sampling/testing shall maintain active certification as a Hot-Mix Asphalt Level I technician. The Contractor may provide a technician trainee who has successfully completed the Department's "Hot-Mix Asphalt Trainee Course" to assist in the activities completed by a Hot-Mix Asphalt Level I technician for a period of one year after the course completion date. The Contractor may also provide a Gradation Technician who has successfully completed the Department's "Gradation Technician Course" to run gradation tests only under the supervision of a Hot-Mix Asphalt Level II Technician. The Contractor shall provide a Hot-Mix Asphalt Density Tester who has successfully completed the Department's "Nuclear Density Testing" course to run all nuclear density tests on the job site."

Add Article 1030.06(d)(3) to the Standard Specifications to read:

"(3) The Contractor shall take possession of any Department unused backup or dispute resolution HMA mixture samples or density specimens upon notification by the Engineer. The Contractor shall collect the HMA mixture samples or density specimens from the location designated by the Engineer. The HMA mixture samples or density specimens may be added to RAP stockpiles according to Section 1031."

Revise the second paragraph of Articles 1030.07(a)(11) and 1030.08(a)(9) of the Standard
Specifications to read:

"When establishing the target density, the HMA maximum theoretical specific gravity
(Gmm) will be based on the running average of four available Department test results
for that project. If less than four Gmm test results are available, an average of all available Department test results for that project will be used. The initial Gmm will be
the last available Department test result from a QMP project. If there is no available Department test result from a QMP project, the Department mix design verification test
result will be used as the initial Gmm."

Revise the following table and notes in Article 1030.09 (c) of the Standard Specifications to read:

CONTROL LIMITS						
Parameter	IL-19.0, IL-9.5, IL-9.5FG, IL-19.0L, IL-9.5L		SMA-12.5, SMA-9.5		IL-4.75	
	Individual Test	Moving Avg. of 4	Individual Test	Moving Avg. of 4	Individual Test	Moving Avg. of 4
% Passing: 1/						
1/2 in. (12.5 mm)	± 6 %	± 4 %	± 6 %	± 4 %		
3/8 in. (9.5mm)			± 4 %	± 3 %		
# 4 (4.75 mm)	± 5 %	± 4 %	± 5 %	± 4 %		
# 8 (2.36 mm)	± 5 %	± 3 %	± 4 %	± 2 %		
# 16 (1.18 mm)			± 4 %	± 2 %	± 4 %	± 3 %
# 30 (600 µm)	± 4 %	± 2.5 %	± 4 %	± 2.5 %		
Total Dust Content # 200 (75 µm)	± 1.5 %	± 1.0 %			± 1.5 %	± 1.0 %
Asphalt Binder Content	± 0.3 %	± 0.2 %	± 0.2 %	± 0.1 %	± 0.3 %	± 0.2 %
Air Voids 2/	± 1.2 %	± 1.0 %	± 1.2 %	± 1.0 %	± 1.2 %	± 1.0 %
Field VMA 3/	-0.7 %	-0.5 %	-0.7 %	-0.5 %	-0.7 %	-0.5 %

1/ Based on washed ignition oven or solvent extraction gradation.

2/ The air voids target shall be a value equal to or between 3.2 % and 4.8 %.

3/ Allowable limit below minimum design VMA requirement.

Revise Article 1030.09(g)(2) of the Standard Specifications to read:

"(2) The Contractor shall complete split verification sample tests listed in the Limits of Precision table in Article 1030.09(h)(1)."

In the Supplemental Specifications, replace the revision for the end of the third paragraph of
Article 1030.09(h)(2) with the following:

"When establishing the target density, the HMA maximum theoretical specific gravity
(Gmm) will be the Department mix design verification test result."

Add after third sentence of Article 1030.09(b) to read:

"If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the

QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure."

Revise Table 1 and Note 4/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

	Breakdown/Intermediate Roller (one of the following)	Final Roller (one or more of the following)	Density Requirement
IL-9.5, IL-9.5FG, IL-19.0 1/	V_D, P , T_B, 3W, O_T, O_B	V_S, T_B, T_F, O_T	As specified in Section 1030
IL-4.75 and SMA 3/ 4/	T_B, 3W, O_T	T_F, 3W	As specified in Section 1030
Mixtures on Bridge Decks 2/	T_B	T_F	As specified in Articles 582.05 and 582.06.

"4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers (T_B), and/or three-wheel (3W) rollers for breakdown, except one of the (T_B) or (3W) rollers shall be 84 inches (2.14 m) wide and a weight of 315 pound per linear inch (PLI) (5.63 kg/mm) and one of the (T_B) or (3W) rollers can be substituted for an oscillatory roller (O_T). T_F rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and T_B rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for T_B rollers nearest the paver and maintain an effective rolling distance of not more than 150 ft (45 m) behind the paver."

Add the following after the fourth paragraph of Article 406.13 (b):

"The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design's G_{mb}."

Revise first paragraph of Article 1030.10 of the Standard Specifications to read:

"A test strip of 300 ton (275 metric tons), except for SMA mixtures it will be 400 ton (363 metric ton), will be required for each mixture on each contract at the beginning of HMA production for each construction year according to the Manual of Test Procedures for Materials "Hot Mix Asphalt Test Strip Procedures". At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results."

Revise fourth paragraph of Article 1030.10 of the Standard Specifications to read:

"When a test strip is constructed, the Contractor shall collect and split the mixture according to the document "Hot-Mix Asphalt Test Strip Procedures". The Engineer, or a representative, shall deliver split sample to the District Laboratory for verification testing. The Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled

shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document “Hot-Mix Asphalt Mixture Design Verification Procedure“ Section 3.3. The mixture test results shall meet the requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production.”

ADJUSTMENTS AND RECONSTRUCTIONS (D1)
Effective: March 15, 2011
Revised: October 1, 2021

Revise the first paragraph of Article 602.04 to read:

"**602.04 Concrete.** Cast-in-place concrete for structures shall be constructed of Class SI concrete according to the applicable portions of Section 503. Cast-in-place concrete for pavement patching around adjustments and reconstructions shall be constructed of Class PP-2 concrete, unless otherwise noted in the plans, according to the applicable portions of Section 1020."

Revise the third, fourth and fifth sentences of the second paragraph of Article 602.11(c) to read:

"Castings shall be set to the finished pavement elevation so that no subsequent adjustment will be necessary, and the space around the casting shall be filled with Class PP-2 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b."

Revise Article 603.05 to read:

"**603.05 Replacement of Existing Flexible Pavement.** After the castings have been adjusted, the surrounding space shall be filled with Class PP-2 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b."

Revise Article 603.06 to read:

"**603.06 Replacement of Existing Rigid Pavement.** After the castings have been adjusted, the pavement and HMA that was removed, shall be replaced with Class PP-2 concrete, unless otherwise noted in the plans, not less than 9 in. (225 mm) thick. The pavement may be opened to traffic according to Article 701.17(e)(3)b.

The surface of the Class PP concrete shall be constructed flush with the adjacent surface."

Revise the first sentence of Article 603.07 to read:

"**603.07 Protection Under Traffic.** After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b."

FRICTION AGGREGATE (D1)

Effective: January 1, 2011
Revised: December 1, 2021

Revise Article 1004.03(a) of the Standard Specifications to read:

"1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA). The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	Allowed Alone or in Combination [5/]: Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA Low ESAL	Stabilized Subbase or Shoulders	Allowed Alone or in Combination [5/]: Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag[1/] Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L SMA Binder	Allowed Alone or in Combination [5/ 6/]: Crushed Gravel Carbonate Crushed Stone[2/] Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete[3/]

<table>
<tr><th>Use</th><th>Mixture</th><th>Aggregates Allowed</th></tr>
<tr><td>HMA
High ESAL
Low ESAL</td><td>C Surface and Binder
IL-9.5
IL-9.5FG
or IL-9.5L</td><td><u>Allowed Alone or in Combination</u> [5/]:

Crushed Gravel
Carbonate Crushed Stone[2/]
Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag[4/]
Crushed Concrete[3/]</td></tr>
<tr><td rowspan="5">HMA
High ESAL</td><td rowspan="5">D Surface and Binder
IL-9.5
or IL-9.5FG</td><td><u>Allowed Alone or in Combination</u> [5/]:

Crushed Gravel
Carbonate Crushed Stone (other than Limestone)[2/]
Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag[4/]</td></tr>
<tr><td><u>Other Combinations Allowed:</u>
<table><tr><td>Up to...</td><td>With...</td></tr></table></td></tr>
<tr><td><table><tr><td>25% Limestone</td><td>Dolomite</td></tr></table></td></tr>
<tr><td><table><tr><td>50% Limestone</td><td>Any Mixture D aggregate other than Dolomite</td></tr></table></td></tr>
<tr><td><table><tr><td>75% Limestone</td><td>Crushed Slag (ACBF) or Crushed Sandstone</td></tr></table></td></tr>
<tr><td rowspan="3">HMA
High ESAL</td><td rowspan="3">E Surface
IL-9.5

SMA
Ndesign 80
Surface</td><td><u>Allowed Alone or in Combination</u> [5/ 6/]:

Crushed Gravel
Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag

No Limestone.</td></tr>
<tr><td><u>Other Combinations Allowed:</u>
<table><tr><td>Up to...</td><td>With...</td></tr></table></td></tr>
<tr><td><table><tr><td>50% Dolomite[2/]</td><td>Any Mixture E aggregate</td></tr></table></td></tr>
</table>

Use	Mixture	Aggregates Allowed	
		75% Dolomite[2/]	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone
		75% Crushed Gravel[2/]	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag
HMA High ESAL	F Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> [5/ 6/]: Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone.	
		<u>Other Combinations Allowed</u>:	
		Up to...	*With...*
		50% Crushed Gravel[2/] or Dolomite[2/]	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone

1/ Crushed steel slag allowed in shoulder surface only.
2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80.
3/ Crushed concrete will not be permitted in SMA mixes.
4/ Crushed steel slag shall not be used as binder.
5/ When combinations of aggregates are used, the blend percent measurements shall be by volume."
6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80."

HOT-MIX ASPHALT – MIXTURE DESIGN VERIFICATION AND PRODUCTION (D1)

Effective: January 1, 2019
Revised: December 1, 2021

Add to Article 1030.05 (d)(3) of the Standard Specifications to read:

" During mixture design, prepared samples shall be submitted to the District laboratory by the Contractor for verification testing. The required testing, and number and size of prepared samples submitted, shall be according to the following tables.

High ESAL – Required Samples for Verification Testing	
Mixture	Hamburg Wheel and I-FIT Testing 1/ 2/
Binder	total of 3 - 160 mm tall bricks
Surface	total of 4 - 160 mm tall bricks

Low ESAL – Required Samples for Verification Testing	
Mixture	I-FIT Testing 1/ 2/
Binder	1 - 160 mm tall brick
Surface	2 - 160 mm tall bricks

1/ The compacted gyratory bricks for Hamburg wheel and I-FIT testing shall be 7.5 ± 0.5 percent air voids.

2/ If the Contractor does not possess the equipment to prepare the 160 mm tall brick(s), twice as many 115 mm tall compacted gyratory bricks will be acceptable.

Revise the fourth paragraph of Article 1030.10 of the Standard Specifications to read:

"When a test strip is not required, each HMA mixture shall still be sampled on the first day of production: I-FIT and Hamburg wheel testing for High ESAL; I-FIT testing for Low ESAL. Within two working days after sampling the mixture, the Contractor shall deliver gyratory cylinders to the District laboratory for Department verification testing. The High ESAL mixture test results shall meet the requirements of Articles 1030.05(d)(3) and 1030.05(d)(4). The Low ESAL mixture test results shall meet the requirements of Article 1030.05(d)(4). The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the "High ESAL - Required Samples for Verification Testing" table in Article 1030.05(d)(3) above."
Add the following to the end of Article 1030.10 of the Standard Specifications to read:

"Mixture sampled during first day of production shall include approximately 60 lb (27 kg) of additional material for the Department to conduct Hamburg wheel testing

and approximately 80 lb (36 kg) of additional material for the Department to conduct I-FIT testing. Within two working days after sampling, the Contractor shall deliver prepared samples to the District laboratory for verification testing. The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the "High ESAL - Required Samples for Verification Testing" table in Article 1030.05(d)(3) above."

TEMPORARY INFORMATION SIGNING
Effective: November 13, 1996
Revised: January 29, 2020

Description.
This work shall consist of furnishing, installing, maintaining, relocating for various states of construction and eventually removing temporary informational signs. Included in this item may be ground mount signs, skid mount signs, truss mount signs, bridge mount signs, and overlay sign panels which cover portions of existing signs.

Materials.
Materials shall be according to the following Articles of Section 1000 - Materials:

	Item	Article/Section
a.)	Sign Base (Note 1)	1090
b.)	Sign Face (Note 2)	1091
c.)	Sign Legends	1091
d.)	Sign Supports	1093
e.)	Overlay Panels (Note 3)	1090.02

Note 1. The Contractor may use 5/8 inch (16 mm) instead of 3/4 inch (19 mm) thick plywood.
Note 2. The sign face material shall be in accordance with the Department's Fabrication of Highway Signs Policy.
Note 3. The overlay panels shall be 0.08 inch (2 mm) thick.

GENERAL CONSTRUCTION REQUIREMENTS

Installation.
The sign sizes and legend sizes shall be verified by the Contractor prior to fabrication.

Signs which are placed along the roadway and/or within the construction zone shall be installed according to the requirements of Article 701.14 and Article 720.04. The signs shall be 7 ft (2.1 m) above the near edge of the pavement and shall be a minimum of 2 ft (600 mm) beyond the edge of the paved shoulder. A minimum of two (2) posts shall be used.

The attachment of temporary signs to existing bridges, sign structures or sign panels shall be approved by the Engineer. Any damage to the existing signs and/or structures due to the Contractor's operations shall be repaired or signs replaced, as determined by the Engineer, at the Contractor's expense.

Method of Measurement.
This work shall be measured for payment in square feet (square meters) edge to edge (horizontally and vertically).

All hardware, posts or skids, supports, bases for ground mounted signs, connections, which are required for mounting these signs will be included as part of this pay item.

Basis Of Payment.
This work shall be paid for at the contract unit price per square foot (square meter) for TEMPORARY INFORMATION SIGNING.

STABILIZED CONSTRUCTION ENTRANCE

Description. This work shall consist of furnishing, installation, maintenance and removal of stabilized pad of aggregate underlain with filter fabric as shown on the plans or directed by the Engineer.

Materials. Materials shall conform to the following:

Aggregate size: IDOT Coarse Aggregate Graduation: CA-1 CA-2 CA-3, or CA-4.

Filter Fabric shall consist of synthetic polymers composed of at least 85 percent by weight polypropylene, polyesters, polyamides, polyethylene, polyolefins, or polyvinylidene chlorides. The geotextile shall be free of any chemical treatment or coating that significantly reduces its porosity. Fibers shall contain stabilizers and/or inhibitors to enhance resistance to ultraviolet lights.

Construction Requirements. The coarse aggregate shall be a thickness of 6 inches or more. The stone entrance should not be filled until the area has been inspected and approved by the Engineer.

The rock shall be dumped and spread into place in approximately horizontal layers not more than 3 feet in thickness. It shall be placed in a manner to produce a reasonable homogeneous stable fill that contains no segregated pockets, or larger or small fragments or large unfilled space caused by bridging of larger fragments. No compaction will be required beyond that resulting from the placing and spreading operations.

The minimum width and length shall be 14 and 25 feet, respectively.

All surface water flowing or diverted toward the construction entrance shall be piped across the entrance. Any pipe used for this will be considered included in the cost of the STABILIZED CONSTRUCTION ENTRANCE. The stabilized construction entrance will have positive drainage away from the roadway.

The entrance shall remain in place and be maintained until the disturbed area is stabilized. Any sediment spilled onto public rights-of-way must be removed immediately.

Method of Measurement. Measurement for payment shall be per square yard.

Basis for Payment. The work will be measured and paid for at the contract unit price per square yard for STABILIZED CONSTRUCTION ENTRANCE, which price shall be payment in full for all material, labor and any other items required to complete the work.

STORM SEWER (WATER MAIN REQUIREMENTS)

Description. This work consists of constructing storm sewer adjacent to or crossing a water main, at the locations shown on the plans.

Materials. Pipe materials shall meet the requirements of Sections 40 and 41-2.01 of the "Standard Specifications for Water and Sewer Main Construction in Illinois", except PVC pipe will not be allowed. Ductile-Iron pipe shall meet the minimum requirements for Thickness Class 50.

Construction Requirements. The material and installation requirements shall be according to the latest edition of the "Standard Specifications for Water and Sewer Main Construction in Illinois", and the applicable portions of Section 550 of the Standard Specifications; which may include concrete collars and encasing pipe with seals if required.

Encasing of standard type storm sewer, according to the details for "Water and Sewer Separation Requirements (Vertical Separation)" in the "STANDARD DRAWINGS" Division of the "Standard Specifications for Water and Sewer Main Construction in Illinois", may be used for storm sewers crossing water mains.

Basis for Payment. This work will be paid according to Article 550.10 of the Standard Specifications, except the pay item shall be STORM SEWER (WATER MAIN REQUIREMENTS), of the diameter specified.

SANITARY SEWER (SPECIAL)

Description. This item consists of furnishing and installing water main quality sanitary sewer at locations shown on the plans or as directed by the Engineer. This work shall be done in accordance with the Standard Specifications for Water and Sewer Construction in Illinois, 6th Edition.

Materials. The sanitary sewer pipe material shall be SDR 26 PVC pipe conforming to the requirements of AWWA C900 and have a minimum pressure rating of 200 psi. Pipe joints shall conform to ASTM D-3139.

Construction Requirements. Trench backfill shall be installed in accordance with the "Utility Trench" plan detail and the HP-1004-01 special provision. The sewer main piping shall be installed on bedding, haunching, and initial backfill per the detail for "STANDARD PIPE BEDDING (FOR SANITARY SEWER)". Pipe bedding and haunching shall be included in the cost of the sanitary sewer. Any sheeting or shoring required for open-cut trenches shall be provided and installed as included in the cost of this item. Sheeting or shoring shall comply with any governing Federal or State agencies, laws and local ordinances.

Any proposed sewer connections to existing pipe shall be made with non-shear couplings per the plan detail and as approved by the Engineer. The cost of connection to existing shall not be paid for separately but shall be included in the cost of this pay item.

Live sewer bypass pumping during pipe installation shall not be paid for separately but shall be included in the cost of this item. The Contractor shall submit a live sewer bypass plan to the Engineer which shall be approved by the Village prior to the start of work. A water-tight plug shall be installed in the downstream sewer pipe at the point of sewer connection prior to commencing any sewer construction. The plug shall remain in place until removal is authorized by the Village after the sewers have been tested and accepted.

Testing for acceptance of sanitary sewers shall be done in accordance with Article 31-1.12 of the Water and Sewer Main Specifications. Method A (Exfiltration of air under pressure) and Method D (Deflection) shall be used.

Method of Measurement. Measurement for payment shall be per foot.

Basis for Payment. This work shall be paid for at the Contract Unit Price per foot for **SANITARY SEWER (SPECIAL)** which price shall include all labor, materials, equipment, and incidentals necessary to complete the work as described above.

SHREDDED BARK MULCH

Description. This work shall consist of placing a 4-inch thickness of mulch in the areas as directed by the Engineer. All work shall be according to Section 235 of the Standard Specifications.

Materials. Mulch shall be of the same consistency, color, and quality as the existing mulch on the project site.

The mulch shall consist of shredded tree bark free of foreign matter, sticks, stones, and clods. The mulch shall be free from inorganic materials, contaminants, fuels, invasive weed seeds, disease, harmful insects such as emerald ash borer or any other type of material detrimental to plant growth. A two cubic foot sample must be supplied to the Engineer for approval prior to finalizing material orders and performing any work. Allow a minimum of seven (7) working days prior to installation for approval.

Material shall be stored according to manufacturer recommendations and as approved by the Engineer and shall be dry at the time of installation.

Construction. Care shall be taken not to bury leaves, stems, or vines under mulch material. All finished mulch areas shall be left smooth and level to maintain uniform surface and appearance and shall be tapered within shrub planting areas as shown on the plans. After the mulch placement, any debris or piles of material shall be immediately removed from the right of way, including raking excess mulch out of turf areas, and disposed of in accordance with Article 202.03.

Basis of Payment. This work will be paid for at the contract unit price per square yard for SHREDDED BARK MULCH 3”, which shall include all of the above and which price shall be full compensation for work, labor, materials, and equipment necessary to complete the work.

WASHOUT BASIN

Description. This work consists of installation, maintenance and subsequent removal and disposal of a concrete washout basin and shall be done in accordance with Sections 280 of the Standard Specifications and as shown on the plans. The washout basin shall be removed after concrete items have been installed. A concrete washout basin shall be supplied as necessary to accommodate concrete delivery operations. No more than one (1) washout basin will be permitted without approval from the Engineer. The washout basin location(s) must be approved by the Engineer prior to installation.

Method of Measurement. This work will be measured for payment as a lump sum.

Basis for Payment. This work will be paid for at the contract lump sum price for WASHOUT **BASIN.**

SANITARY SEWERS, PVC, 8”

Description. This item consists of furnishing and installing sanitary sewer at locations shown on the plans or as directed by the Engineer. This work shall be done in accordance with the Standard Specifications for Water and Sewer Construction in Illinois, 6th Edition.

Materials. The sanitary sewer pipe material shall be thick-walled PVC pipe conforming to the requirements of ASTM D-3034, SDR 26, push-type joint. The pipe joints shall conform to ASTM D-3212 and F-477 for PVC pipe.

Construction Requirements. Trench backfill shall be installed in accordance with the “Utility Trench” plan detail and the HP-1004-01 special provision. The sewer main piping shall be installed on bedding, haunching, and initial backfill per the detail for “STANDARD PIPE BEDDING (FOR SANITARY SEWER)”. Pipe bedding and haunching shall be included in the cost of the sanitary sewer. Any sheeting or shoring required for open-cut trenches shall be provided and installed as included in the cost of this item. Sheeting or shoring shall comply with any governing Federal or State agencies, laws and local ordinances.

Live sewer bypass pumping during pipe installation shall not be paid for separately but shall be included in the cost of this item. The Contractor shall submit a live sewer bypass plan to the Engineer which shall be approved by the City prior to the start of work. A water-tight plug shall be installed in the downstream sewer pipe at the point of sewer connection prior to commencing any sewer construction. The plug shall remain in place until removal is authorized by the City after the sewers have been tested and accepted.

Testing for acceptance of sanitary sewers shall be done in accordance with Article 31-1.12 of the Water and Sewer Main Specifications. Method A (Exfiltration of air under pressure) and Method D (Deflection) shall be used.

Method of Measurement. Measurement for payment shall be per foot.

Basis for Payment. This work shall be paid for at the Contract Unit Price per foot for **SANITARY SEWERS, PVC, 8”** which price shall include all labor, materials, equipment, and incidentals necessary to complete the work as described above.

WATERMAIN CASING PIPE

Description. This work shall consist of furnishing and installing water main casing pipe as shown on the plans or directed by the Engineer in the field.

Construction Requirements. The casing pipe shall be of water main quality pipe as defined by the Standard Specifications for Water and Sewer Main Construction in Illinois (SSWSCI), latest edition.

The water main shall be centered in the casing pipe and have a minimum 3 casing spacers placed per length. The spacers shall be stainless steel. The casing pipe diameter shall be determined by the Contractor in order to accommodate the proposed water main pipe and the spacers. The Contractor shall submit shop drawings of the casing pipe and spacers to the Engineer for approval prior to ordering material.

The blowing of sand or pea gravel into the pipe is not required with the use of casing spacers.

The ends of the casing pipe shall be grouted closed with concrete masonry and mortar or a prefabricated seal approved by the Engineer.

Carrier pipe installed inside the casing pipe shall be paid for under the appropriate water main item.

Method of Measurement. Casing pipe will be measured for payment in place in feet from one end of the casing pipe to the opposite end of the casing.

Basis for Payment. This work shall be measured and paid for at the contract unit price per foot for **WATER MAIN CASING PIPE** and shall include all materials, labor, spacers, equipment, etc. to be complete and in place.

SANITARY SEWER REMOVAL

Description. This work shall consist of the removal of existing sanitary sewers at the locations shown on the plans, in accordance with applicable portions of Section 551 of the Standard Specifications.

Construction Requirements. Excavated pipe material shall not be salvaged but disposed of by the Contractor in accordance with Article 202.03 of the Standard Specifications. Any necessary excavation required to remove the sanitary sewer shall be included in this item. At locations where new sanitary sewer is not being installed, trench backfill shall be installed in accordance with the plans and Standard Specifications. Trench backfill shall be paid for separately.

When a segment of sanitary sewer is to be removed and replaced, the limits of the removal shall be sawcut by the contractor so that a clean edge exists for connection to the proposed sewer. Any pipe outside of the removal limits damaged during removal operations shall be replaced.

The Contractor shall be responsible to block, divert, or bypass flow during sewer construction. The Contractor shall be solely responsible for any backups or other issues that occur due to blocking or diversion. The Contractor shall ensure that the mainline sanitary sewer and any sanitary services remain clean and free of debris. If the sanitary sewer takes on debris during the course of the work, the contractor shall be required to clean said sewer at his expense

Method of Measurement. This work will be measured for payment in units of feet.

Basis for Payment. This work will be paid for at the Contract Unit Price per foot for **SANITARY SEWER REMOVAL,** of the diameter specified, which price shall include all labor, materials, equipment and incidentals as necessary to complete the work as directed above.

CONNECTION TO EXISTING MANHOLE

Description. This work shall consist of the connection of proposed sanitary sewer pipe to an existing manhole. This work shall be performed according to the detail "PIPE TO EXISTING MANHOLE CONNECTION DETAIL."

Materials. The water tight flexible rubber resilient connector shall comply with ASTM Standard C923 (most recent edition).

Construction Requirements. A water tight flexible rubber resilient connector with a stainless steel band shall be installed on the proposed sewer where it enters the existing manhole. The connection shall be completed by machine coring a circular opening in the wall of the manhole large enough to accommodate the required resilient connector per the manufacturer's recommendation. The new invert channel in the existing concrete bench shall be cut, shaped, and sloped for smooth flow.

The downstream pipes in manholes shall be screened to prevent entry of concrete or other debris from entering the system. Any concrete or other debris that has entered the existing manhole as a result of the work shall be removed. The existing structure and sewer pipe shall be cleaned of any dirt, concrete, or debris which may accumulate during the construction process. Any damage to the existing manhole shall be repaired by the contractor. The pipe shall be inserted within the manhole for a maximum distance of one inch from the inside wall of the manhole.

Excavation and backfill for connections to existing manholes shall be in accordance with Articles 550.04 and 550.07, respectively. Trench backfill will not be paid for separately but will be included in the cost of this item.

Contractor shall be responsible to block, divert, or bypass flow during manhole connection. The contractor shall be solely responsible for any backups or other issues that occur due to blocking or diversion. Contractor shall ensure that the mainline sanitary sewer and any sanitary services remain clean and free of debris. If the sanitary sewer or services take on debris during the course of the work, the contractor shall be required to clean said sewer or service at his expense.

Method of Measurement. This work will be measured for payment per each sanitary sewer connection made to an existing manhole.

Basis for Payment. This work will be paid for at the contract unit price per EACH for **CONNECTION TO EXISTING MANHOLE**, including all work described herein and on the plan detail.

CATCH BASINS, TYPE A, WITH SPECIAL FRAME AND GRATE

Description. This work shall consist of installing IDOT standard catch basins with a special frame, grate, and curb box. The work shall be done in accordance with all applicable articles of the Standard Specifications and as shown in the plan details.

Materials. Materials shall be in accordance with Section 602.02 of the Standard Specifications.

Construction Requirements. The frame, grate, and curb box shall be a Neenah Foundry Company R-3250-DVSP iron casting with Type V grate. The combination concrete curb and gutter flag width and back of curb width shall be transitioned per the City of Highland Park "CURB INLET DETAIL."

The station and offset locations shown on the plans for the drainage structure with special frame and grate are relative to the offset gutter flowline. The Contractor is responsible for confirming the proper location of each storm sewer structure.

Method of Measurement. This work will be measured for payment per each structure installed.

Basis for Payment. This work will be paid for at the contract unit price per each structure, of the specified type and diameter, with frame, grate, and curb box installed.

The contract price shall include all excavation, materials, equipment and labor required to complete the work as specified herein. The curb and gutter will be paid for separately as COMBINATION CONCRETE CURB AND GUTTER of the specified type. No extra payment will be allowed for the increased gutter flag width or curb width within the transition zones.

MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

Description. This work shall consist of furnishing and constructing eccentric sanitary manhole structures at the locations and to the depths and details shown in the Contract Documents.

Construction Requirements. Contractor shall be responsible to block, divert, or bypass flow during manhole construction. The contractor shall be solely responsible for any backups or other issues that occur due to blocking or diversion. Contractor shall ensure that the mainline sanitary sewer and any sanitary services remain clean and free of debris. If the sanitary sewer or services take on debris during the course of the work, the contractor shall be required to clean said sewer or service at his expense. The contractor shall also coordinate with the City to modify the existing lift station operations as needed to accommodate the construction.

Manholes shall be in accordance with the “Sanitary Sewer Manhole” plan detail, of the specified inside diameter, and shall be complete with full height poured concrete invert. The joints between sections shall have additional bituminous sealing, hand troweled, around the entire exterior of the joint. All manholes shall be reinforced precast concrete construction with steps in accordance with details and diameter shown in the Contract Documents. Contractor shall field verify manhole dimensions, diameter, depth, and configuration prior to ordering material.

Manhole shall be constructed on 3” of compacted CA-7 bed. Sewer connections to the manhole shall be made with a Lockjoint flexible manhole sleeve or Presswedge II.

The manhole frame and lid shall be per the plan detail.

Preformed adjusting rings of the proper dimensions needed to mate the frame to the precast structure shall be used. No more than 8” of vertical adjustment may be made using a maximum of two rings. All rings shall be pre-cast concrete adjustment rings. All castings shall be set flush with pavement or surrounding surface.

A resilient, flexible, non-hardening, preformed bituminous mastic material, shall be used between the cone or top barrel section of the structure and the adjusting rings. A thick bead of non-hardening elastomeric joint sealant conforming to ASTM C-920, Type S, Grade NS, shall be applied between all individual rings and between the adjusting rings and the frame. The sealant or mastic material shall be applied in such a manner that no surface water or ground water inflow can enter the structure. An external chimney seal shall be installed to bridge the frame, rings, and structure.

Frame adjustments shall be completed in accordance with Sections 602 and 603 of the Standard Specifications, except as noted herein.

Upon completion of manhole installation, all manholes shall be tested for leakage by vacuum testing. A vacuum of 10” (254 mm) Hg shall be place on the manhole and the time shall be measured for the vacuum to drop to 9” (229 mm) Hg. The vacuum shall not drop below 9” (229 mm) Hg for the following time periods for each size of manhole:

a) 48-inch diameter - 60 seconds

The manhole frame and adjusting rings shall be in place when testing. Any manholes that fail the test shall be sealed and re-tested until acceptable.

Applicable Standard Specifications. The work and materials shall conform to applicable provisions of the “Standard Specifications for Water and Sewer Main Construction in Illinois” and in accordance to the details shown on the plans.

Method of Measurement. This work will be measured for payment per each.

Basis for Payment. This work will be paid at the contract unit price each for **MANHOLES, SANITARY, TYPE 1 FRAME, CLOSED LID** of the inside diameter specified, which price shall be full compensation for all work and materials, excavation, removal of spoils, connections to existing and proposed pipes, bedding, backfill, vacuum testing, and any other incidental items required for a completed structure including the frame and closed lid.

PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER

Description. This work shall consist of installing a new manhole/catch basin over all existing storm sewers to be connected to the proposed structure. The work shall be done in accordance with the applicable portions of Sections 502 and 550 of the Standard Specifications.

Materials. Materials shall be in accordance with Sections 550.02 and 602.02 of the Standard Specifications. Nonshrink grout shall be in accordance with Section 1024.02.

Construction Requirements. The Contractor shall carefully remove the existing storm sewers which fall within the structure. After the manhole/catch basin is installed, all pipe holes within the structure walls shall be mortared with a nonshrink concrete grout. Damage to the existing storm sewers to remain shall be repaired by the Contractor at his own expense.

Basis for Payment. The work shall be paid for at the contract unit price per each for **PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER** as shown in the plans or as directed by the Engineer, including all existing pipe connections to the structure. The manhole/catch basin and frame and grate/lid will be paid for separately.

MANHOLES, DROP TYPE, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

Description. This work shall consist of installing a new manhole, with an exterior drop structure, at the location shown on the plans.

Construction Requirements. The manhole, frame, lid and all construction requirements shall be in accordance with the special provision for MANHOLES, SANITARY, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID. Additionally, the work shall include the construction of an outside drop structure as shown on the detail for "Sanitary Sewer Manhole Detail – Outside Drop Detail".

Method of Measurement. This work will be measured for payment per each.

Basis for Payment. This work will be paid at the contract unit price each for **MANHOLES, DROP TYPE, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID**, which price shall be full compensation for all work and materials, excavation, removal of spoils, connections to existing and proposed pipes, bedding, backfill, vacuum testing, and any other incidental items required for a completed structure including the frame and closed lid.

FILLING EXISTING WELLS

Description. This work shall consist of all labor, material and equipment required to remove and dispose of the existing limestone block end section at the 2700 Sheridan Road residence and backfill with furnished excavation. All work shall be performed in accordance with applicable sections of the Standard Specifications. The end section, which is shown in the below photos, serves as an overflow structure receiving flow from a privately-owned 6-inch diameter clay drain tile. The estimated depth of the structure from the top of blocks to the bottom of pipe is two feet.





Construction Requirements. The well area shall be dewatered prior to any removal or excavation. The limestone blocks shall be carefully removed to avoid damage to the existing drain tile. Removal shall be to a minimum depth of six inches below the bottom of the lowest limestone block.

After connection of the existing drain tile to the proposed storm sewer lateral, the area shall be backfilled with furnished excavation meeting the requirements of Section 204 of the Standard Specifications, except that separate payment shall not be made for the backfill but shall be

included in the cost of this item. The backfilled area shall be graded to match the existing or proposed adjacent grades per the cross sections in the plans.

Connection of the existing drain tile to the proposed storm sewer lateral will be paid for separately per the plans and special provisions.

Basis of Payment. This work will be paid for at the contract unit price per each for **FILLING EXISTING WELLS** as shown in the plans or as directed by the Engineer including: dewatering, removal of the existing block end section, excavation, disposal, backfill, and all labor, materials, equipment and incidentals as necessary to complete the work as directed above.

SANITARY SERVICE CONNECTION

Description. This item consists of connection of a sanitary service line to an existing or proposed sanitary main with a 6” wye fitting, including any associated couplings, at the locations shown on the plans or as directed by the Engineer. This work shall be done in accordance with the Standard Specifications and the SSWSCI.

Construction Requirements. All connections shall be completed in the presence of the Engineer.

The sewer services shall be installed at locations as shown on the plans and per the specification for SANITARY SEWER SERVICE 6”.

Basis for Payment. This work will be paid for at the contract unit price per each for SANITARY SERVICE CONNECTION which price shall include furnishing and removal of all materials, labor, trench backfill and equipment necessary to complete the work as herein specified and for the satisfaction of the Engineer.

SANITARY CLEANOUT 6”

Description. This work shall consist of all labor, material and equipment required to connect the proposed 6” PVC sanitary sewer service (specified under the special provision for SANITARY SEWER SERVICE 6") to the existing sewer service and the installation of a PVC cleanout.

Construction Requirements. The cleanouts shall be according to the plan details for “In-Line Cleanout” and “Cleanout At Bend”. The cleanout riser pipe shall be 6” PVC with a 6” PVC cap and screw plug installed with the square nut in the inverted position.

A 3’ long piece of #6 steel rebar shall be driven into the area adjacent to the cleanout to aid in future locating of the cleanout. The cleanout tee shall be connected to an existing sanitary sewer service line if one already exists at the location of the proposed cleanout.

Method of Measurement. This work will be measured for payment as each.

Basis of Payment. The cleanout, fittings, rebar, and connections at each property will be paid for together at the contract unit price per each as **SANITARY CLEANOUT 6”** including: excavation, disposal, earth and trench backfill, removal of the existing cleanout where applicable, and all labor, materials, equipment and incidentals as necessary to complete the work as directed above.

SANITARY SEWER SERVICE 6"

Description. This item consists of furnishing and installing water main requirements sanitary sewer at locations shown on the plans or as directed by the Engineer. This work shall be done in accordance with the Standard Specifications for Water and Sewer Construction in Illinois, 6th Edition. Sanitary sewer services shall be installed via horizontal directional drilling (HDD) to the maximum extent possible. Sanitary sewer services may be installed as open cut with prior approval by the City.

Materials.

Open Cut Pipe
The sanitary service pipe material at pre-approved open cut locations shall meet the requirements of HDD Pipe, or shall be thick-walled pressure-rated PVC pipe conforming to the requirements of ASTM D-2241, SDR 26, push-type joint. The pipe shall be rated at 160 PSI or greater. The pipe joints shall conform to ASTM D-3139 and F-477 for PVC pipe.

Directionally Drilled Pipe

A. Material: PVC Pipe (Splined Joint) and Joints.
    1. Pipe Standard: ASTM D2241.
    2. Diameter Standard: Iron Pipe Size (IPS)
    3. Dimension Ratios & Pipe Stiffness: SDR 21 – 224 psi
    4. Lay Length: 10’
    5. Color: Green
    6. Pipe Compound: ASTM D1784 Cell Class 12454
    7. Pipe Joint Standard: ASTM D3139
    8. Max. Angular Deflection: 0.5º
    9. Gasket Standard: ASTM F477
    10. Installation Standard: ASTM D2321

Construction Requirements.

Open Cut Pipe
Trench backfill shall be installed in accordance with the “Utility Trench” plan detail and the HP-1004-01 special provision. Trench backfill will not be paid for separately for sanitary service lines, but shall be included in the cost of this pay item for any pipe that is 6” diameter or less. The sewer service piping shall be installed on bedding, haunching, and initial backfill per the detail for “STANDARD PIPE BEDDING (FOR SANITARY SEWER)”. Pipe bedding and haunching shall be included in the cost of the sanitary sewer. Any sheeting or shoring required for open-cut trenches shall be provided and installed as included in the cost of this item. Sheeting or shoring shall comply with any governing Federal or State agencies, laws and local ordinances.

Directionally Drilled Pipe
Construction requirements shall comply wth the sections “Directional Drilling System”, “PVC Pipe (Splined Joint)”, “Surface Conditions”, “Protection”, “Installation and Receiving Pits”, and “Pipe Installation” in Special Provision HP-563-05, Sanitary Sewer, PVC 8”, Guided Auger and HDD Installation.

Live sewer bypass pumping during pipe installation shall not be paid for separately but shall be included in the cost of this item. The Contractor shall submit a live sewer bypass plan to the Engineer which shall be approved by the City prior to the start of work. A water-tight plug shall be

installed in the downstream sewer pipe at the point of sewer connection prior to commencing any sewer construction. The plug shall remain in place until removal is authorized by the City after the sewers have been tested and accepted.

Testing for acceptance of sanitary sewers shall be done in accordance with Article 31-1.12 of the Water and Sewer Main Specifications. Method A (Exfiltration of air under pressure) and Method D (Deflection) shall be used.

Method of Measurement. Measurement for payment shall be per foot.

Basis for Payment. This work shall be paid for at the Contract Unit Price per foot for **SANITARY SEWER SERVICE 6”** which price shall include all labor, materials, equipment, and incidentals necessary to complete the work as described above.

ADJUSTING WATER MAIN

Description. This work shall consist of the adjustment of existing water main pipe and shall include the installation of water main pipe complete in place; removal and disposal of existing water mains at the adjustment locations as shown on the plans; excavation, bracing, bedding and covering of pipe; trench dewatering; trench backfilling; finish grading; removal and disposal of waste excavated materials as required; protection, replacement, or repair of utilities; connection to existing water mains; providing the necessary fittings; providing tie-rods, thrust blocking, and joint restraint; and disinfection.

This work shall be completed so that the water main crosses below the water-main-requirements storm sewer with a minimum of 18 inches of vertical clearance.

The existing water mains to remain in service shall first be cut and capped. The water mains shall be removed and disposed of as specified in the applicable portions of Section 501 of the Standard Specifications.

This work shall be in accordance with Section 561 of the Standard Specifications for Road and Bridge Construction and “The Standard Specifications for Water and Sewer Main Construction in Illinois” current edition, amended as follows:

Materials.

FASTENERS

All fastening hardware shall be stainless steel.

Delete Article 561.02 Materials; insert the following:

Article 561.02 Materials

DUCTILE IRON PIPE

All ductile iron pipe shall comply with ANSI A21.51, thickness Class 52 made in standard 18 foot lengths. All pipe shall have a cement lining on the inside surface of the thickness meeting the requirements of “half thickness” lining covered by ANSI/AWWA-C104/A21.4. All pipe shall be coated inside and outside with an asphaltic coating.

JOINTS

Ductile iron pipe joints shall be restrained joints.

Restraint shall conform to applicable sections of ANSI/AWWA-C111/A21.11. Pipe shall be furnished with sufficient ductile iron glands, gaskets, and high strength tee head bolts and hexagon nuts to provide for each socket opening. All gaskets shall be of the plain rubber type and made to accurate dimensions. All glands shall be made of high strength ductile iron. Tee head bolts shall have a minimum tensile strength of 50,000 pounds per square inch. All hardware shall be stainless steel.

All joints without a bend fitting shall utilize a gasket type restrained joint pipe system with the following acceptable products:

a) Gaskets which include stainless steel locking segments vulcanized into the gasket.

All joints with bend fittings shall utilize a restrained joint pipe system using one of the following methods in combination with thrust blocking:

a) Lock rings welded into place around pipe barrel.
b) Bolted rings installed around pipe barrels that fit inside pipe bells.
c) Gaskets which include stainless steel locking segments vulcanized into the gasket.
d) Mechanical joint retainer gland systems that provide locking segments shaped to pipe barrel that do not create stress points on pipe barrel.
    1. Setpoint type retainer glands will not be allowed.

FITTINGS

All fittings (tees, bends, caps, etc.) shall be mechanical joint, ***ductile iron*** furnished with ductile iron restrained joint (retainer gland system) which conform to ANSI/AWWA C111/A21.11, be smooth, free from scales, lumps, blisters, sand holes, blow holes and defects of every nature which make them unfit for use. No plugging, filling, burning-in, or welding will be allowed. All fittings shall be of the proper dimensions, weights, and quality to meet the requirements specified. Said fittings shall be designed for a maximum working pressure of 350 pounds per square inch and shall be cement lined and asphalt coated.

INSPECTION, HANDLING AND STORAGE

Inspection, handling, and storage shall be in accordance with Section 2 of AWWA C600-87.

Construction Requirements.

EXCAVATION AND BEDDING

The trench shall be excavated to an elevation 6 inches below the bottom of the pipe. Spoil material shall be loaded onto trucks as it is excavated and immediately hauled away outside of the City Limits, unless approved otherwise by the Engineer.

Well compacted moist CA-6 crushed stone bedding material at least 6 inches in depth below the bottom of the pipe shall be placed the entire width of the trench and the entire length of the pipe to the spring line as specified herein and detailed on the plans.

BACKFILLING

Trench backfill shall be in accordance with Section 208 of the IDOT Standard Specifications for Road and Bridge Construction, and the detail for Utility Trench / Bedding. All trenches and excavations shall be backfilled immediately after the pipe is laid therein, unless other protection of the pipe line is directed. Under no circumstances shall water be allowed to rise in un-backfilled trenches after the pipe has been placed.

Outside of pavement trench requirement areas, no material shall be used for backfilling that contains stones over a 6-inch dimension, frozen earth, debris, or earth with an exceptionally high void content. For backfill up to a level of 2 feet over the top of the pipe, only selected materials shall be used. Each layer of the selected fine graded backfill, free from stones, lumps, and clods shall be carefully placed and uniformly tamped in a manner to eliminate the possibility of lateral or vertical displacement. All backfill material up to a height of 24 inches above the top of the pipe

shall be carefully deposited in uniform layers not exceeding 12 inches in thickness (loose measure), with each layer compacted by pneumatic or hydraulic tamping equipment approved by the engineer. All backfill material shall be compacted by pneumatic tamping equipment (approved by the engineer) to 90 percent of maximum dry density as determined according to AASHTO T-180 modified proctor density.

Under or within 2-feet of pavement limits, backfilling from the pipe springline to 12” above the pipe shall be well compacted moist CA-6 crushed stone. Backfill above this initial backfill envelope shall be CA-7, or as otherwise directed by the Engineer, with each layer compacted by pneumatic or hydraulic tamping equipment, approved by the Engineer. A final capping layer, above the CA-7 aggregate shall be installed with well compacted moist CA-6 crushed stone, 12” thick.

All spoil materials shall be cleaned and removed from the pavement or traveled way, shoulders, backslopes and roadway ditches. Spoil material shall not be stored anywhere within the right-of-way. Soil shall be removed by hand from around trees, hydrants, utility poles, etc.

DISINFECTION

All new pipe and fittings must be cleaned and swabbed with a chlorine solution of at least fifty (50) mg/L before installation. A City representative must approve of this solution.

Method of Measurement. This work shall be measured for payment in place per foot measured horizontally along the ground between the connection points.

Basis for Payment. This work will be paid for at the contract unit per FOOT for **ADJUSTING WATER MAIN,** of the diameter specified measured in place horizontally along the ground between connection points, which price shall include the cost of pipe, all tees, bends, caps, joint materials (including restrained joints), all pipe fittings and accessories, testing, disinfecting of the water mains, disposal of unsuitable material, bedding, trench backfill, blocking, glands and fastening devices required for jointing, as well as incidental materials required in the construction of said water main complete in place as specified herein and detailed on the plans. Restoration and cutting / capping of the existing mains to remain in service shall not be paid for separately but shall be included in the cost of the work.

AVAILABLE REPORTS (D1 LR)
Effective: July 1, 2021

☐ No project specific reports were prepared.

When applicable, the following checked reports and record information is available for Bidders' reference upon request:

☐ Record structural plans

☐ Preliminary Site Investigation (PSI) (IDOT ROW)

☐ Preliminary Site Investigation (PSI) (Local ROW)

☐ Preliminary Environmental Site Assessment (PESA) (IDOT ROW)

☐ Preliminary Environmental Site Assessment (PESA) (Local ROW)

☒ Soils/Geotechnical Report

☒ Boring Logs

☒ Pavement Cores

☐ Location Drainage Study (LDS)

☐ Hydraulic Report

☐ Noise Analysis

☐ Other: _____

Those seeking these reports should request access from:

Eric Spina (Ciorba Group)
8725 W Higgins Road Suite 600, Chicago IL 60631
espina@ciorba.com

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017
Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

"(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

(1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.

(2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.

(3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days."

Revise Article 107.40(c) of the Standard Specifications to read:

"(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

(1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

(2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

(3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13."

Revise Article 108.04(b) of the Standard Specifications to read:

"(b) No working day will be charged under the following conditions.

(1) When adverse weather prevents work on the controlling item.

(2) When job conditions due to recent weather prevent work on the controlling item.

(3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.

(4) When delays caused by utility or railroad adjustments prevent work on the controlling item.

(5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.

(6) When any condition over which the Contractor has no control prevents work on the controlling item."

Revise Article 109.09(f) of the Standard Specifications to read:

"(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office

overhead and unabsorbed overhead other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited."

Add the following to Section 109 of the Standard Specifications.

"**109.13 Payment for Contract Delay.** Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.

Payment for each of the various costs will be according to the following.

(a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.

(b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.

(1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to $5,000,000	One Project Superintendent
Over $ 5,000,000 - up to $25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk

Over $25,000,000 - up to $50,000,000	One Project Manager, One Project Superintendent, One Engineer, and One Clerk
Over $50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk

(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

80384

PERFORMANCE GRADED ASPHALT BINDER (BDE)

Effective: January 1, 2023

Revise Article 1032.05 of the Standard Specifications to read:

"**1032.05 Performance Graded Asphalt Binder.** These materials will be accepted according to the Bureau of Materials Policy Memorandum, "Performance Graded Asphalt Binder Qualification Procedure." The Department will maintain a qualified producer list. These materials shall be free from water and shall not foam when heated to any temperature below the actual flash point. Air blown asphalt, recycle engine oil bottoms (ReOB), and polyphosphoric acid (PPA) modification shall not be used.

When requested, producers shall provide the Engineer with viscosity/temperature relationships for the performance graded asphalt binders delivered and incorporated in the work.

(a) Performance Graded (PG) Asphalt Binder. The asphalt binder shall meet the requirements of AASHTO M 320, Table 1 "Standard Specification for Performance Graded Asphalt Binder" for the grade shown on the plans and the following.

Test	Parameter
Small Strain Parameter (AASHTO PP 113) BBR, ΔTc, 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	-5 °C min.

(b) Modified Performance Graded (PG) Asphalt Binder. The asphalt binder shall meet the requirements of AASHTO M 320, Table 1 "Standard Specification for Performance Graded Asphalt Binder" for the grade shown on the plans.

Asphalt binder modification shall be performed at the source, as defined in the Bureau of Materials Policy Memorandum, "Performance Graded Asphalt Binder Qualification Procedure."

Modified asphalt binder shall be safe to handle at asphalt binder production and storage temperatures or HMA construction temperatures. Safety Data Sheets (SDS) shall be provided for all asphalt modifiers.

(1) Polymer Modification (SB/SBS or SBR). Elastomers shall be added to the base asphalt binder to achieve the specified performance grade and shall be either a styrene-butadiene diblock, triblock copolymer without oil extension, or a styrene-butadiene rubber. The polymer modified asphalt binder shall be smooth, homogeneous, and be according to the requirements shown in Table 1 or 2 for the grade shown on the plans.

Table 1 - Requirements for Styrene-Butadiene Copolymer (SB/SBS) Modified Asphalt Binders		
Test	Asphalt Grade SB/SBS PG 64-28 SB/SBS PG 70-22	Asphalt Grade SB/SBS PG 64-34 SB/SBS PG 70-28 SB/SBS PG 76-22 SB/SBS PG 76-28
Separation of Polymer ITP, "Separation of Polymer from Asphalt Binder" Difference in °F (°C) of the softening point between top and bottom portions	4 (2) max.	4 (2) max.
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, %	60 min.	70 min.

Table 2 - Requirements for Styrene-Butadiene Rubber (SBR) Modified Asphalt Binders		
Test	Asphalt Grade SBR PG 64-28 SBR PG 70-22	Asphalt Grade SB/SBS PG 64-34 SB/SBS PG 70-28 SBR PG 76-22 SBR PG 76-28
Separation of Polymer ITP, "Separation of Polymer from Asphalt Binder" Difference in °F (°C) of the softening point between top and bottom portions	4 (2) max.	4 (2) max.
Toughness ASTM D 5801, 77 °F (25 °C), 20 in./min. (500 mm/min.), in.-lbs (N-m)	110 (12.5) min.	110 (12.5) min.
Tenacity ASTM D 5801, 77 °F (25 °C), 20 in./min. (500 mm/min.), in.-lbs (N-m)	75 (8.5) min.	75 (8.5) min.
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		

Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, %	40 min.	50 min.

(2) Ground Tire Rubber (GTR) Modification. GTR modification is the addition of recycled ground tire rubber to liquid asphalt binder to achieve the specified performance grade. GTR shall be produced from processing automobile and/or truck tires by the ambient grinding method or micronizing through a cryogenic process. GTR shall not exceed 1/16 in. (2 mm) in any dimension and shall not contain free metal particles, moisture that would cause foaming of the asphalt, or other foreign materials. A mineral powder (such as talc) meeting the requirements of AASHTO M 17 may be added, up to a maximum of four percent by weight of GTR to reduce sticking and caking of the GTR particles. When tested in accordance with Illinois Modified AASHTO T 27 "Standard Method of Test for Sieve Analysis of Fine and Coarse Aggregates" or AASHTO PP 74 "Standard Practice for Determination of Size and Shape of Glass Beads Used in Traffic Markings by Means of Computerized Optical Method", a 50 g sample of the GTR shall conform to the following gradation requirements.

Sieve Size	Percent Passing
No. 16 (1.18 mm)	100
No. 30 (600 µm)	95 ± 5
No. 50 (300 µm)	> 20

GTR modified asphalt binder shall be tested for rotational viscosity according to AASHTO T 316 using spindle S27. GTR modified asphalt binder shall be tested for original dynamic shear and RTFO dynamic shear according to AASHTO T 315 using a gap of 2 mm.

The GTR modified asphalt binder shall meet the requirements of Table 3.

Table 3 - Requirements for Ground Tire Rubber (GTR) Modified Asphalt Binders		
Test	Asphalt Grade GTR PG 64-28 GTR PG 70-22	Asphalt Grade GTR PG 76-22 GTR PG 76-28 GTR PG 70-28
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, %	60 min.	70 min.

(3) Softener Modification (SM). Softener modification is the addition of organic compounds, such as engineered flux, bio-oil blends, modified vegetable oils,

glycol amines, and fatty acid derivatives, to the base asphalt binder to achieve the specified performance grade. Softeners shall be dissolved, dispersed, or reacted in the asphalt binder to enhance its performance and shall remain compatible with the asphalt binder with no separation. Softeners shall not be added to modified PG asphalt binder as defined in Articles 1032.05(b)(1) or 1032.05(b)(2).

An Attenuated Total Reflectance-Fourier Transform Infrared spectrum (ATR-FTIR) shall be collected for both the softening compound as well as the softener modified asphalt binder at the dose intended for qualification. The ATR-FTIR spectra shall be collected on unaged softener modified binder, 20-hour Pressurized Aging Vessel (PAV) aged softener modified binder, and 40-hour PAV aged softener modified binder. The ATR-FTIR shall be collected in accordance with Illinois Test Procedure 601. The electronic files spectral files (in one of the following extensions or equivalent: *.SPA, *.SPG, *.IRD, *.IFG, *.CSV, *.SP, *.IRS, *.GAML, *.[0-9], *.IGM, *.ABS, *.DRT, *.SBM, *.RAS) shall be submitted to the Central Bureau of Materials.

Softener modified asphalt binders shall meet the requirements in Table 4.

Table 4 - Requirements for Softener Modified Asphalt Binders	
Test	Asphalt Grade SM PG 46-28 SM PG 46-34 SM PG 52-28 SM PG 52-34 SM PG 58-22 SM PG 58-28 SM PG 64-22
Small Strain Parameter (AASHTO PP 113) BBR, ΔTc, 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	-5°C min.
Large Strain Parameter (Illinois Modified AASHTO T 391) DSR/LAS Fatigue Property, Δ|G*|peak τ, 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	≥ 54 %

The following grades may be specified as tack coats.

Asphalt Grade	Use
PG 58-22, PG 58-28, PG 64-22	Tack Coat”

Revise Article 1031.06(c)(1) and 1031.06(c)(2) of the Standard Specifications to read:

“(1) RAP/RAS. When RAP is used alone or RAP is used in conjunction with RAS, the percentage of virgin ABR shall not exceed the amounts listed in the following table.

HMA Mixtures - RAP/RAS Maximum ABR % 1/ 2/

Ndesign	Binder	Surface	Polymer Modified Binder or Surface 3/
30	30	30	10
50	25	15	10
70	15	10	10
90	10	10	10

1/ For Low ESAL HMA shoulder and stabilized subbase, the RAP/RAS ABR shall not exceed 50 percent of the mixture.

2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

3/ The maximum ABR percentages for ground tire rubber (GTR) modified mixes shall be equivalent to the percentages specified for SBS/SBR polymer modified mixes.

(2) FRAP/RAS. When FRAP is used alone or FRAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the following table.

HMA Mixtures - FRAP/RAS Maximum ABR % 1/ 2/			
Ndesign	Binder	Surface	Polymer Modified Binder or Surface 3/
30	55	45	15
50	45	40	15
70	45	35	15
90	45	35	15
SMA	- -	- -	25
IL-4.75	- -	- -	35

1/ For Low ESAL HMA shoulder and stabilized subbase, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.

2/ When FRAP/RAS ABR exceeds 20 percent for all mixes, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

3/ The maximum ABR percentages for GTR modified mixes shall be equivalent to the percentages specified for SBS/SBR polymer modified mixes."

Add the following to the end of Note 2 of Article 1030.03 of the Standard Specifications.

"A dedicated storage tank for the ground tire rubber (GTR) modified asphalt binder shall be provided. This tank shall be capable of providing continuous mechanical mixing throughout and/or recirculation of the asphalt binder to provide a uniform mixture. The tank shall be heated and capable of maintaining the temperature of the asphalt binder at 300 °F to 350 °F (149 °C to 177 °C). The asphalt binder metering systems of dryer drum plants shall be calibrated with the actual GTR modified asphalt binder material with an accuracy of ±0.40 percent."

80441

SOURCE OF SUPPLY AND QUALITY REQUIREMENTS (BDE)

Effective: January 2, 2023

Add the following to Article 106.01 of the Standard Specifications:

"The final manufacturing process for construction materials and the immediately preceding manufacturing stage for construction materials shall occur within the United States. Construction materials shall include an article, material, or supply that is or consists primarily of the following.

(a) Non-ferrous metals;

(b) Plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);

(c) Glass (including optic glass);

(d) Lumber;

(e) Drywall.

Items consisting of two or more of the listed construction materials that have been combined through a manufacturing process, and items including at least one of the listed materials combined with a material that is not listed through a manufacturing process shall be exempt."

80448

VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)

Effective: November 1, 2021
Revised: November 1, 2022

Add the following paragraph after the first paragraph of Article 701.08 of the Standard Specifications:

"The Contractor shall equip all vehicles and equipment with high-intensity oscillating, rotating, or flashing, amber or amber-and-white, warning lights which are visible from all directions. In accordance with 625 ILCS 5/12-215, the lights may only be in operation while the vehicle or equipment is engaged in construction operations."

80439

WEEKLY DBE TRUCKING REPORTS (BDE)

Effective: June 2, 2012
Revised: January 2, 2025

The following applies to all Disadvantaged Business Enterprise (DBE) trucks on the project, whether they are utilized for DBE goal credit or not.

The Contractor shall notify the Engineer at least three days prior to DBE trucking activity.

The Contractor shall submit a weekly report of DBE trucks hired by the Contractor or subcontractors (i.e. not owned by the Contractor or subcontractors) to the Engineer on Department form “SBE 723” within ten business days following the reporting period. The reporting period shall be Sunday through Saturday for each week reportable trucking activities occur.

Any costs associated with providing weekly DBE trucking reports shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed.

80302

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020
Revised: January 1, 2025

Add the following to Article 701.03 of the Standard Specifications:

"(q) Temporary Sign Supports ..... 1106.02"

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

"For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer's specifications."

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

" **701.15 Traffic Control Devices.** For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer's self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device."

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

" **1106.02 Devices.** Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices shall be MASH compliant.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices shall be MASH compliant.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH compliant. Category 3 devices manufactured on or before

December 31, 2019, and compliant with NCHRP 350, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as sign supports, speed feedback displays, arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH compliant is available, an NCHRP 350 compliant device may be used, even if manufactured after December 31, 2019."

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

"(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department's qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department's qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis."

80427

BDE SPECIAL PROVISIONS

For the April 25 and June 13, 2025 Lettings

The following special provisions indicated by a "check mark" are applicable to this contract and will be included by the Project Coordination and Implementation Section of the Bureau of Design & Environment (BDE).

	File Name	#		Special Provision Title	Effective	Revised
	80099	1	☐	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274	2	☐	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
	80192	3	☐	Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
	80173	4	☐	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	☐	Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
*	80241	6	☐	Bridge Demolition Debris	July 1, 2009	
*	5053I	7	☐	Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	5026I	8	☐	Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80460	9	☐	Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar	Jan. 1, 2025	
	80384	10	☒	Compensable Delay Costs	June 2, 2017	April 1, 2019
*	80198	11	☐	Completion Date (via calendar days)	April 1, 2008	
*	80199	12	☐	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80461	13	☐	Concrete Barrier	Jan. 1, 2025	
	80453	14	☐	Concrete Sealer	Nov. 1, 2023	
	80261	15	☐	Construction Air Quality – Diesel Retrofit	June 1, 2010	Jan. 1, 2025
*	80029	16	☐	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Jan. 2, 2025
	80229	17	☐	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80452	18	☐	Full Lane Sealant Waterproofing System	Nov. 1, 2023	
	80447	19	☐	Grading and Shaping Ditches	Jan. 1, 2023	
	80433	20	☐	Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80456	21	☐	Hot-Mix Asphalt	Jan. 1, 2024	Jan. 1, 2025
	80446	22	☐	Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
	80438	23	☐	Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	April 2, 2024
	80450	24	☐	Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	
	80464	25	☐	Pavement Marking Inspection	April. 1, 2025	
	80441	26	☒	Performance Graded Asphalt Binder	Jan. 1, 2023	
	80459	27	☐	Preformed Plastic Pavement Marking	June 2, 2024	
*	3426I	28	☐	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80455	29	☐	Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2024
	80445	30	☐	Seeding	Nov. 1, 2022	
	80457	31	☐	Short Term and Temporary Pavement Markings	April 1, 2024	April 2, 2024
	80462	32	☐	Sign Panels and Appurtenances	Jan. 1, 2025	April 1, 2025
	80448	33	☒	Source of Supply and Quality Requirements	Jan. 2, 2023	
	80340	34	☐	Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	35	☐	Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	36	☐	Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	37	☐	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80463	38	☐	Submission of Bidders List Information	Jan. 2, 2025	
	80437	39	☐	Submission of Payroll Records	April 1, 2021	Nov. 2, 2023
	80435	40	☐	Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80465	41	☐	Surveying Services	April 1, 2025	
	80466	42	☐	Temporary Rumble Strips	April 1, 2025	
*	20338	43	☐	Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	44	☐	Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	45	☒	Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80458	46	☐	Waterproofing Membrane System	Aug. 1, 2024	
	80302	47	☒	Weekly DBE Trucking Reports	June 2, 2012	Jan. 2, 2025
	80454	48	☐	Wood Sign Support	Nov. 1, 2023	
	80427	49	☒	Work Zone Traffic Control Devices	Mar. 2, 2020	Jan. 1, 2025
*	80071	50	☐	Working Days	Jan. 1, 2002	

Highlighted items indicate a new or revised special provision for the letting.

An * indicates the special provision requires additional information from the designer, which needs to be submitted separately. The Project Coordination and Implementation Section will then include the information in the applicable special provision.

The following special provisions are in the 2025 Supplemental Specifications and Recurring Special Provisions.

File Name	Special Provision Title	New Location(s)	Effective	Revised
80434	Corrugated Plastic Pipe (Culvert and Storm Sewer)	Articles 542.03, 550.03, 1040.03, 1040.04(b), 1040.04(d) & 1040.08	Jan. 1, 2021	
80443	High Tension Cable Median Barrier Removal	Section 632	April 1, 2022	
80045	Material Transfer Device	Articles 406.03, 406.06(f), 406.13(b), 406.14 & 1102.02	Nov 15, 1999	Jan. 1, 2022
80410	Traffic Spotters	Article 701.13	Jan. 1, 2019	

APPENDIX A
LPC-662

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Source Site Certification
by Owner or Operator
for Use of Uncontaminated Soil as Fill in a
CCDD or Uncontaminated Soil Fill Operation
LPC-662

Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by source site owners and operators to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(A), that soil (i) was removed from a site that is not potentially impacted property and is presumed to be uncontaminated soil and (ii) is within a pH range of 6.25 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Sheridan Road Improvements Office Phone Number, if available: _____

Physical Site Location (Street, Road): Sheridan Road from Edgecliff Drive to north end. See attached Summary Report.

City: Highland Park State: IL Zip Code: 60035 County: Cook

Township: _____

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 42.20129 (Decimal Degrees) Longitude: - 87.79701 (-Decimal Degrees)

Identify how the lat/long data were determined:

◯ GPS ◯ Map Interpolation ◯ Photo Interpolation ◯ Survey ◯ Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

Approximate Start Date (mm/dd/yyyy): _____ Approximate End Date (mm/dd/yyyy): _____

Estimated Volume of debris (cu. Yd.): _____

II. Owner/Operator Information for Source Site

Site Owner		Site Operator	
Name:	City of Highland Park	Name:	
Street Address:	1150 Half Day Road	Street Address:	
PO Box:		PO Box:	
City:	Highland Park State: IL	City:	State:
Zip Code:	60035 Phone:	Zip Code:	Phone:
Contact:		Contact:	
Email, if available:		Email, if available:	

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed $50,000 for the violation and an additional civil penalty of not to exceed $10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Project Name: Sheridan Road Improvements Latitude: 42.20129 Longitude: -87.79701

Source Site Certification

III. Descriptions of Current and Past Uses of Source Site

Describe the current and past uses of the site and nearby properties.* Attach additional information as needed. The description must take into account, at a minimum, the following for the source site and for nearby property: (1) use of the properties for commercial or industrial purposes; (2) the use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons; (3) the current or past presence of any storage tanks (above ground or underground); (4) any waste storage, treatment or disposal at the properties; (5) any reported releases or any environmental cleanup or removal of contaminants; (6) any environmental liens or governmental notification of environmental violations; (7) any contamination in a well that exceeds the Board's groundwater quality standards; (8) the use, storage, or disposal of transformers or capacitors manufactured before 1979; and (9) any fill dirt brought to the properties from an unknown source or site.

Number of pages attached: 42

Prior to a site investigation, an Environmental Database Review (EDR) was conducted for the project area. Based on the EDR three (3) soil samples (C-01, C-02, and C-03) were collected through out the project area and were tested for pH. Refer to attached Summary Letter.

*The description must be sufficient to demonstrate that the source site is not potentially impacted property, thereby allowing the source site owner or operator to provide this certification.

IV. Soil pH Testing Results

Describe the results of soil pH testing showing that the soil pH is within the range of 6.25 to 9.0 and attach any supporting documentation.

Number of pages attached: 1

Three (3) samples were collected and tested for pH. Results were within the range of 6.25 to 9.0 . Please refer to pH Results in Appendix A.2

V. Source Site Owner, Operator or Authorized Representative's Certification Statement and Signature

In accordance with the Illinois Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I Anthony Tomaras, Rubino Engineering, Inc. (owner, operator or authorized representataive of source site) certify that this site is not a potentially impacted property and the soil is presumed to be uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. I further certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. Additionally, I certify that I am either the site owner or operator or a duly authorized representative of the site owner or site operator and am authorized to sign this form. Furthermore, I certify that all information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

◯ Owner
◯ Operator
☑ Owner's Duly Authorized Representative
◯ Operator's Duly Authorized Representative

Anthony Tomaras, Rubino Engineering, Inc.
Printed Name

1-6-25
Date

Anthony Tomaras
Signature

ENVIRONMENTAL SUMMARY REPORT

January 6, 2025

To: Duane O'Laughlin, P.E.
Chief Operating Officer
Ciorba Group, Inc.
8725 W. Higgins Road, Suite 600
Chicago, Illinois 60631
P: 773.612.8157

Re: **CCDD Testing Summary Report**
Sheridan Road Improvements
From Edgecliff Drive to North End
Highland Park, Illinois

Rubino Report No. G24.205

Via email: dolaughlin@ciorba.com

Dear Mr. O'Laughlin,

Rubino Engineering, Inc. (Rubino) is pleased to submit the following report to provide a summary of the CCDD testing for the above referenced project.

This report contains the following:

- *Summary of Environmental Database Review*
- *Summary of field and laboratory tests performed*
- *Summary of laboratory test results*
- *Illinois Environmental Protection Agencies LPC 662 Certificate*

ENVIROMENTAL DATABASE REVIEW

The project site is located along Sheridan Road in Highland Park, Illinois. A map of the project location can be found in **Appendix A.1**. Prior to a site investigation, an Environmental Database Review (EDR) was conducted and the report is included as **Appendix A.3**. After reviewing the EDR report, Rubino. did not find any records of potentially impacted properties in close proximity to the project site that posed an environmental risk.

Based on the fact there were no records of potentially impacted properties in close proximity to the project site that posed an environmental risk, it was determined the project site is not a "potentially impacted property" and therefore only pH sampling of the project site was necessary.

Certification Limits

The LPC 662 Certification Limits include the following locations in Highland Park, Illinois.

- **Sheridan Road** from Edgecliff Drive to north end

SOIL SAMPLING

On December 13, 2024, Rubino mobilized to the project site to collect soil samples. The sampling locations can be found in **Appendix A.1**. Three (3) soil samples was collected to approximate depths of 3 to 5 feet below existing grade. The three (3) samples were submitted for pH testing at Rubino.

RESULTS

Lab analysis found that the soil samples C-01, C-02, and C-03 were within the allowable pH range of 6.25 to 9.0.

The pH lab analysis results and complete reports can be found in **Appendix A.2**.

Based on the results of the laboratory testing performed, an **IEPA LPC #662 (CCDD) Certificate was issued** for the entire site.

CLOSING

Rubino appreciates the opportunity to provide Clean Construction Demolition Debris (CCDD) services for this project and we look forward to continued participation during the design and in future construction phases of this project.

If you have questions pertaining to this summary report, or if Rubino may be of further service, please contact our office at (847) 931-1555.

Respectfully submitted,

RUBINO ENGINEERING, INC.



Michelle A. Lipinski, PE
President

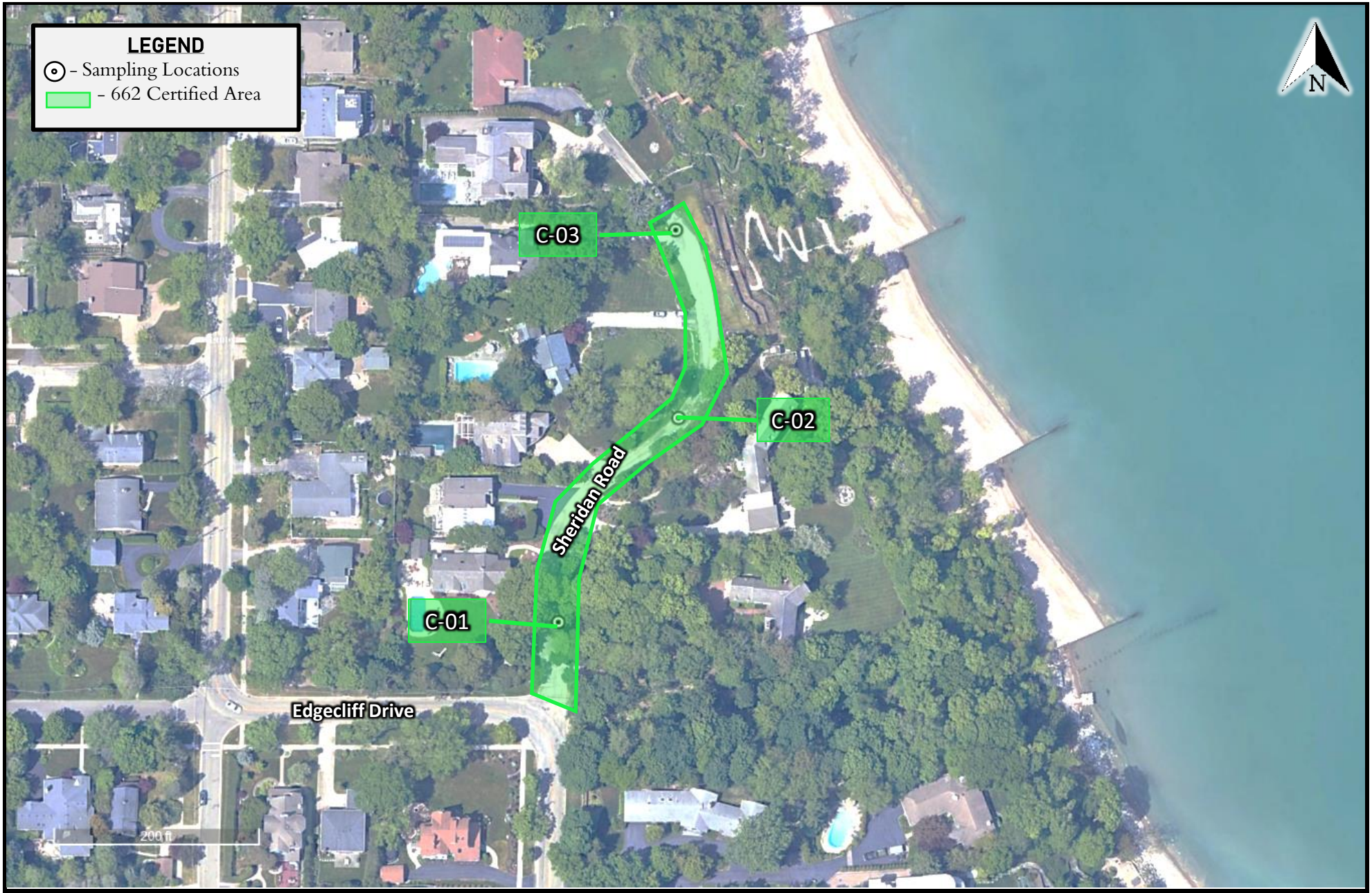
michelle.lipinski@rubinoeng.com

MAL/file/ Enclosures

Appendix Contents

APPENDIX A.1 – SITE MAPS
APPENDIX A.2 – pH RESULTS
APPENDIX A.3 – ERIS DATABASE REPORT

APPENDIX A.1 – SITE MAPS



rubino ENGINEERING INC.

425 Shepard Drive
Elgin, Illinois 60123

Project Name:	**Sheridan Road Improvements**
Project Location:	From Edgecliff Drive to north end Highland Park, Illinois
Client:	**Ciorba Group**
Rubino Project # :	G24.205

CCDD Testing Plan

APPENDIX A.2 – pH RESULTS

rubino ENGINEERING INC.

ASTM D4972-01
Standard Test Method for pH of Soils

		Date:	26-Dec-24
Project Number:	G24.205	**Performed by:**	Myrna Fleege
Project Name:		**Title:**	Laboratory Technician
	Sheridan Road Improvements	**Signature:**	MyFleege
City, State:	Highland Park, Illinois	**Client:**	Ciorba Group
Method Used:	ASTM D4972-01 Method A	**Client Address:**	8725 W Higgins Road, Suite 600
	Calcium Chloride Solution (0.01M)		Chicago, Illinois 60631
pH Meter Mfgr:	Ohaus Corporation	**Prior Calibration:**	8/20/2024
Model #	ST Series PH Analysis Pen	**Calibration:**	11/21/2024

Sample	Sample Type	Mass of Soil (g)	pH in Calcium Chloride Solution	pH in Distilled Water
C-01	Grab	10	7.9	8.3
C-02	Grab	10	7.9	8.2
C-03	Grab	10	7.5	7.9

APPENDIX A.3– ERIS DATABASE REPORT

DATABASE REPORT

Project Property:	*42.201204322742406, -87.79717179563029W* *42.201204322742406, -87.79717179563029* *Highland Park IL 60035*
Project No:	
Report Type:	*Screen Report Plus*
Order No:	*24122600225*
Requested by:	*Bluff City Materials, Inc*
Date Completed:	*December 26, 2024*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property:		*42.201204322742406, -87.79717179563029W* *42.201204322742406, -87.79717179563029 Highland Park IL 60035*
Project No:		
Coordinates:		
	Latitude:	*42.2012043*
	Longitude:	*-87.7971718*
	UTM Northing:	*4,672,423.65*
	UTM Easting:	*434,188.30*
	UTM Zone:	*16T*
Elevation:		*655 FT*

Order Information:

Order No:	*24122600225*
Date Requested:	*December 26, 2024*
Requested by:	*Bluff City Materials, Inc*
Report Type:	*Screen Report Plus*

Historicals/Products:

ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*

Executive Summary: Report Summary

Database	Searched	Project Property	Within 0.250mi	Total
Standard Environmental Records				
Federal				
NPL	Y	0	0	0
PROPOSED NPL	Y	0	0	0
DELETED NPL	Y	0	0	0
SEMS	Y	0	0	0
SEMS ARCHIVE	Y	0	0	0
ODI	Y	0	0	0
CERCLIS	Y	0	0	0
IODI	Y	0	0	0
CERCLIS NFRAP	Y	0	0	0
CERCLIS LIENS	Y	0	0	0
RCRA CORRACTS	Y	0	0	0
RCRA TSD	Y	0	0	0
RCRA LQG	Y	0	0	0
RCRA SQG	Y	0	0	0
RCRA VSQG	Y	0	***1***	***1***
RCRA NON GEN	Y	0	0	0
RCRA CONTROLS	Y	0	0	0
FED ENG	Y	0	0	0
FED INST	Y	0	0	0
LUCIS	Y	0	0	0
NPL IC	Y	0	0	0
ERNS 1982 TO 1986	Y	0	0	0
ERNS 1987 TO 1989	Y	0	0	0
ERNS	Y	0	0	0
FED BROWNFIELDS	Y	0	0	0
FEMA UST	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
FRP	Y	0	0	0
DELISTED FRP	Y	0	0	0
HIST GAS STATIONS	Y	0	0	0
REFN	Y	0	0	0
BULK TERMINAL	Y	0	0	0
SEMS LIEN	Y	0	0	0
SUPERFUND ROD	Y	0	0	0
DOE FUSRAP	Y	0	0	0
State				
SSU	Y	0	0	0
DELISTED SSU	Y	0	0	0
SWF/LF	Y	0	0	0
SWF/LF SPECIAL	Y	0	0	0
NIPC	Y	0	0	0
CCDD	Y	0	0	0
LUST	Y	0	0	0
LUST DOCUMENT	Y	0	0	0
DELISTED LUST	Y	0	0	0
LUST TRUST	Y	0	0	0
UST	Y	0	0	0
AST	Y	0	0	0
DELISTED TANK	Y	0	0	0
ENG	Y	0	0	0
INST	Y	0	0	0
AUL	Y	0	0	0
SRP	Y	0	0	0
REM ASSESS	Y	0	0	0
BROWNFIELDS	Y	0	0	0
BROWN MBRGP	Y	0	0	0
Tribal				
INDIAN LUST	Y	0	0	0
INDIAN UST	Y	0	0	0
DELISTED INDIAN LST	Y	0	0	0
DELISTED INDIAN UST	Y	0	0	0
County	***No County databases were selected to be included in the search.***			

Additional Environmental Records

Database	Searched	Project Property	Within 0.250mi	Total
Federal				
PFAS GHG	Y	0	0	0
OSC RESPONSE	Y	0	0	0
FINDS/FRS	Y	0	**1**	**1**
TRIS	Y	0	0	0
HMIRS	Y	0	0	0
NCDL	Y	0	0	0
TSCA	Y	0	0	0
HIST TSCA	Y	0	0	0
FTTS ADMIN	Y	0	0	0
FTTS INSP	Y	0	0	0
PRP	Y	0	0	0
SCRD DRYCLEANER	Y	0	0	0
ICIS	Y	0	0	0
FED DRYCLEANERS	Y	0	0	0
DELISTED FED DRY	Y	0	0	0
FUDS	Y	0	**1**	**1**
FUDS MRS	Y	0	0	0
FORMER NIKE	Y	0	0	0
PIPELINE INCIDENT	Y	0	0	0
MLTS	Y	0	0	0
HIST MLTS	Y	0	0	0
MINES	Y	0	0	0
SMCRA	Y	0	0	0
MRDS	Y	0	0	0
LM SITES	Y	0	0	0
ALT FUELS	Y	0	0	0
CONSENT DECREES	Y	0	0	0
AFS	Y	0	0	0
SSTS	Y	0	0	0
PCBT	Y	0	0	0
PCB	Y	0	0	0
POWER PLANTS	Y	0	0	0
State				
SPILLS	Y	0	0	0
SPILL OER	Y	0	0	0
DRYCLEANERS	Y	0	0	0
DELISTED DRYCLEANERS	Y	0	0	0
IEPA DOCS	Y	0	0	0
CDL	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
TIER 2	Y	0	0	0
AIR PERMITS	Y	0	0	0
UIC	Y	0	0	0
MEDICAL WASTE	Y	0	0	0
COMPOST	Y	0	0	0

Tribal ***No Tribal additional environmental record sources available for this State.***

County ***No County additional environmental record sources available for this State.***

Total:	*0*	***3***	***3***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	RCRA VSQG	2789 HP LLC	2789 OAK ST HIGHLAND PARK IL 60035 ***EPA Handler ID | Recycler Activity?:*** ILR000203547 | NO	NNW	0.14 / 762.82	2	14
1	FINDS/FRS	2789 HP LLC	2789 OAK ST HIGHLAND PARK IL 60035 ***Registry ID:*** 110070676052	NNW	0.14 / 762.82	2	15
2	FUDS	NIKE C-98 - FORT SHERIDAN	LAKE FOREST IL ***FUDS Property No:*** E05IL0080	WSW	0.17 / 882.81	8	16

Executive Summary: Summary by Data Source

Standard

Federal

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Oct 21, 2024 has found that there are 1 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
2789 HP LLC	2789 OAK ST HIGHLAND PARK IL 60035	NNW	0.14 / 762.82	1
	***EPA Handler ID	Recycler Activity?**: ILR000203547	NO*		

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

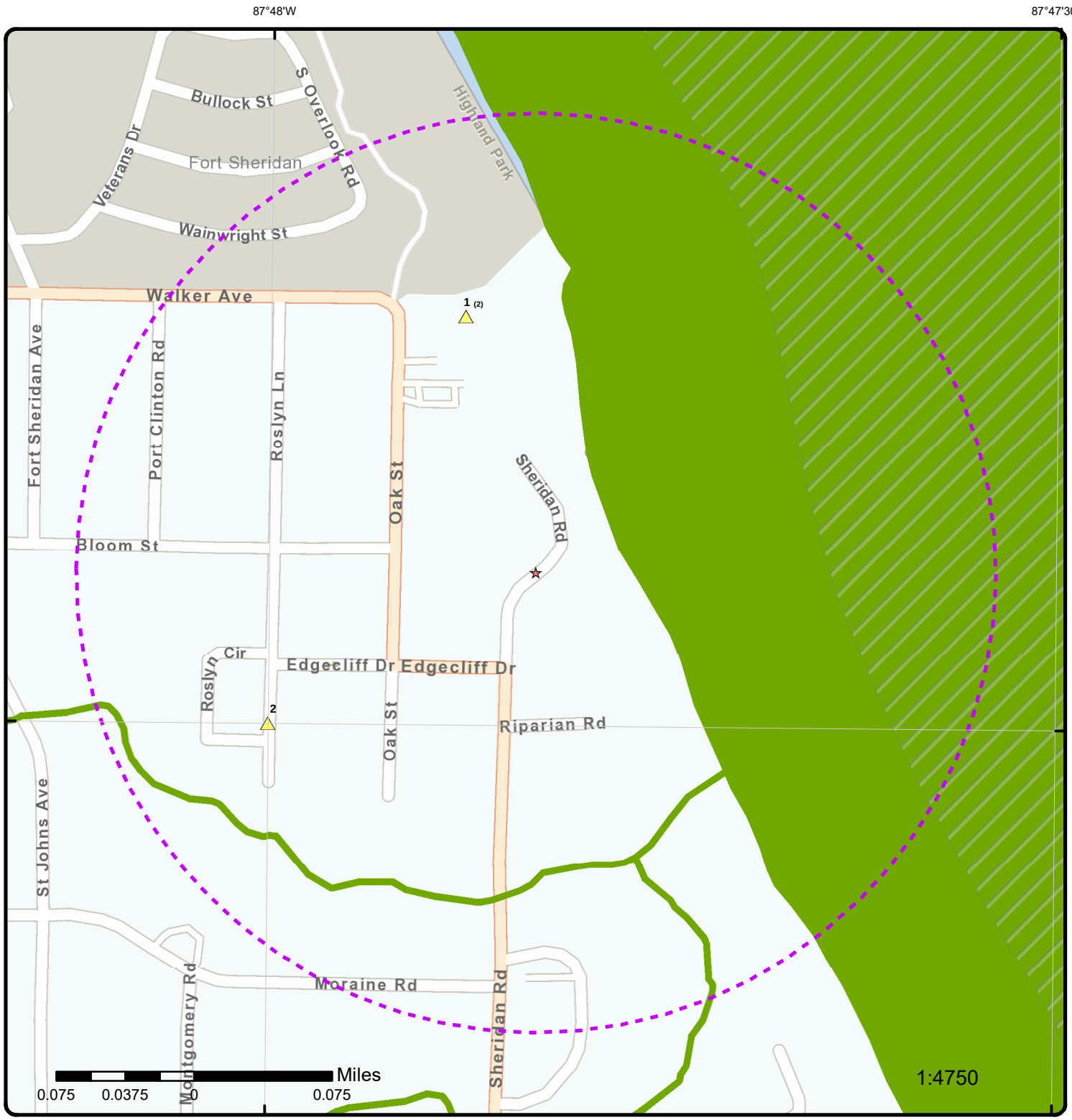
A search of the FINDS/FRS database, dated Aug 1, 2024 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
2789 HP LLC	2789 OAK ST HIGHLAND PARK IL 60035	NNW	0.14 / 762.82	1
	***Registry ID**: 110070676052*			

FUDS - Formerly Used Defense Sites

A search of the FUDS database, dated May 15, 2023 has found that there are 1 FUDS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NIKE C-98 - FORT SHERIDAN	LAKE FOREST IL	WSW	0.17 / 882.81	2
	***FUDS Property No**: E05IL0080*			



Map: 0.25 Mile Radius

Order Number: 24122600225

Address: 42.201204322742406, -87.79717179563029, Highland Park, IL

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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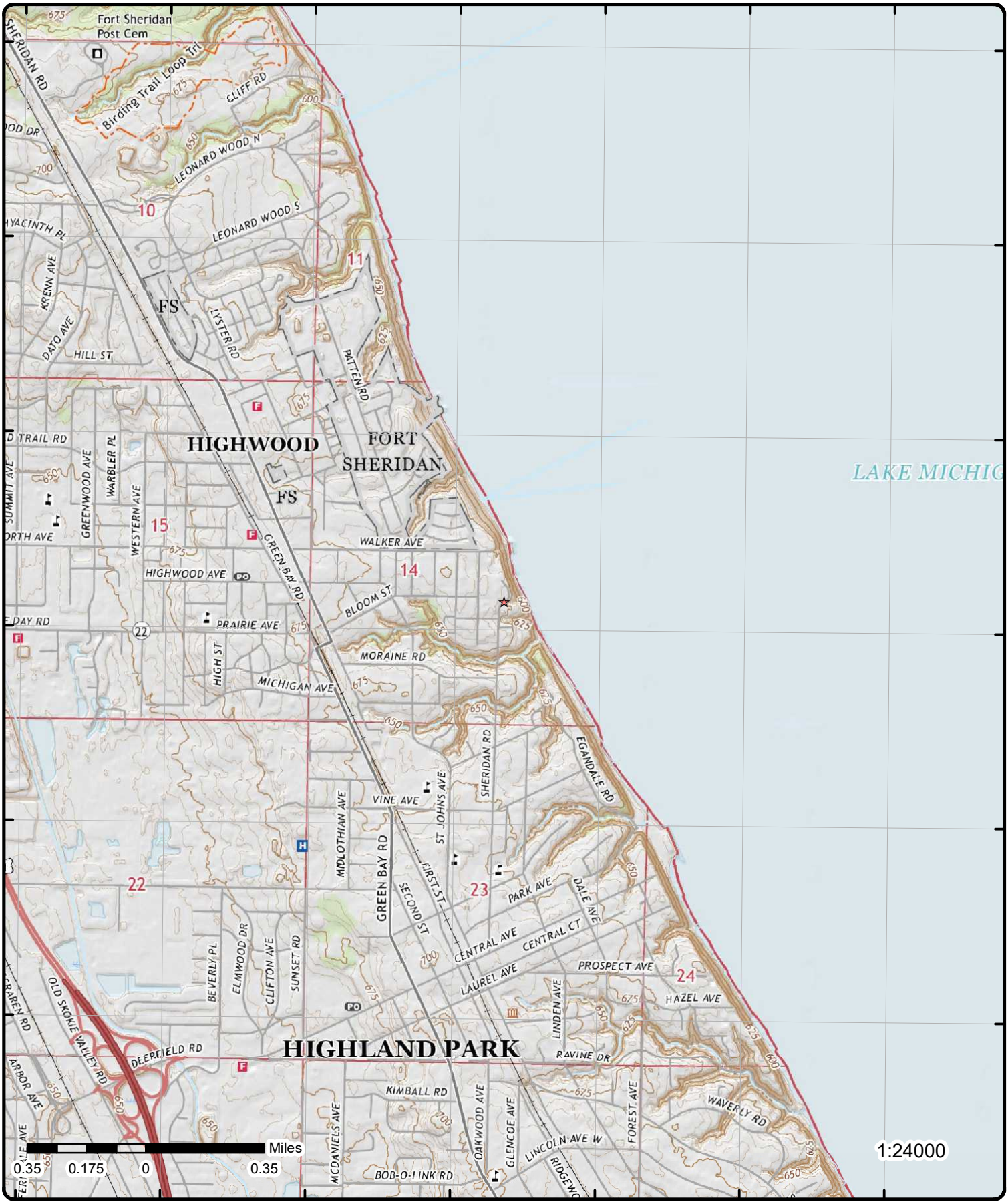
Aerial **Year: 2022**

Order Number: 24122600225

Address: 42.201204322742406, -87.79717179563029, Highland Park, IL

Source: ESRI World Imagery

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Topographic Map

Year: 2021

Order Number: 24122600225

Address: 42.201204322742406, -87.79717179563029, IL

Quadrangle(s): Highland Park IL

Source: USGS Topographic Map

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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 2	NNW	0.14 / 762.82	656.80 / 2	2789 HP LLC 2789 OAK ST HIGHLAND PARK IL 60035	RCRA VSQG

EPA Handler ID:	ILR000203547
Gen Status Universe:	VSG
Contact Name:	MATTHEW MASER
Contact Address:	120 N RACINE AVE , , CHICAGO , IL, 60607 , US
Contact Phone No and Ext:	708-225-1115
Contact Email:	
Contact Country:	US
County Name:	LAKE
EPA Region:	05
Land Type:	Private
Receive Date:	20191112
Location Latitude:	42.202953
Location Longitude:	-87.798069
Recycler Activity?:	NO
Recycler Activity Note:	This facility has no indication of Recycling Activity.

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No
Recycler Activity:	No
Recycler Act W.O. Storage:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20191112
Handler Name:	2789 HP LLC
Federal Waste Generator Code:	3
Generator Code Description:	Very Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D009
Waste Code Description:	MERCURY

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	120 N RACINE AVE
Name:	2789 HP LLC	***Street 2:***	
Date Became Current:		***City:***	CHICAGO
Date Ended Current:		***State:***	IL
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	60607

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	120 N RACINE AVE
Name:	2789 HP LLC	***Street 2:***	
Date Became Current:		***City:***	CHICAGO
Date Ended Current:		***State:***	IL
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	60607

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 2	NNW	0.14 / 762.82	656.80 / 2	2789 HP LLC 2789 OAK ST HIGHLAND PARK IL 60035	FINDS/FRS

Registry ID:	110070676052
FIPS Code:	17097
HUC Code:	04040002
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	23-JAN-20
Update Date:	
Interest Types:	VSQG
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	10
Census Block Code:	170978655011001
EPA Region Code:	05
County Name:	LAKE
US/Mexico Border Ind:	
Latitude:	42.20315
Longitude:	-87.798651
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070676052
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 1	WSW	0.17 / 882.81	662.74 / 8	NIKE C-98 - FORT SHERIDAN LAKE FOREST IL	FUDS

FUDS Property No:	E05IL0080
EMS Map Link:	https://fudsportal.usace.army.mil/ems/inventory/map?id=58255
FUDS INST ID:	IL59799F220700
Status:	Properties without projects
SDS ID:	
NPL Status Code:	
Eligibility:	Ineligible
Site Eligib:	
Current Owner:	FED: FEDERAL LAUNCH AND CONTROL AREAS - US ARMY RESERVE CENTER - NOT FUDS ELIGIBLE; PRIV: PRIVATE HOUSING AREA - PRIVATE UNKNOWN - NOT FUDS ELIGIBLE
Has Project:	No
DOD FUDS Pro:	E05IL0080
Project Required:	No
No Further Action:	
Congressional District:	10
Congressional Dist 117:	10
Media ID:	
Metadata ID:	
Feature Desc:	
EPA Region:	05
County:	LAKE
Latitude:	42.2
Longitude:	-87.8
Fiscal year:	2021
USACE Division:	LRD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

USACE District:	Louisville District (LRL)
Centroid Lat:	
Centroid Long:	
Se Anno Cad Data:	
Shape Length:	
Shape Area:	
Shape Len:	
X:	-87.799987793
Y:	42.200012207
Data Source:	U.S. Army Corps of Engineers Geospatial Open Data
Feature Description:	

The site was established in the 1950s on Ft. Sheridan (712 acres), then an active army installation. On 28 May 1993, all operation ceased on Ft. Sheridan. The Army retained two parcels of 114 acres for Army Reserve use; the Nike site is located on these 114 acres. Ft. Sheridan was the logistical support center for 33 Nike-Hercules sites nationwide.

Property History:

Unplottable Summary

Total: 4 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
HIST MLTS	LAKE FOREST COLLEGE	SHERIDAN ROAD	LAKE FOREST IL	60045	847198518
IEPA DOCS	ComEd Manhole	County Line & Sheridan Rd	Highland Park IL	60035	880800169
SPILLS	US Navy	Fort Sheridan, Building #336	Highland Park IL		822046429
SPILLS	Lake Forest College	5555 N Sheridan Rd	Lake Forest IL		822000755

Unplottable Report

Site: ***LAKE FOREST COLLEGE***
SHERIDAN ROAD LAKE FOREST IL 60045

HIST MLTS

Docket: 3014228
License No: 12-11003-03

Site: ***ComEd Manhole***
County Line & Sheridan Rd Highland Park IL 60035

IEPA DOCS

Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer

IEPA Source Water Assessment Program (SWAP) & Mapping Tool

Name: ComEd Manhole
Location Addr 3: County Line & Sheridan Rd
City Name: Highland Park
State Code: IL
Postal Code: 60035

Details

Indicator: No
Site ID: 170001820297
System ID: 0970505175
Collection Dt: 07/06/2010
Revision Dt Time: 08/03/2009
Interest Type: BOL
Media Code: LAND
Latitude Measure: 42.152326
Longitude Measure: -87.767921
Point X: -87.76792099999994
Point Y: 42.15232600000007

Site: ***US Navy***
Fort Sheridan, Building #336 Highland Park IL

SPILLS

Incident No: H-2008-0817
Date/Time Occurred: 6/9/2008 3:50:00 PM
Media Release:
Facility Manager:
Fac Manager Phone:
Responsible Party Street: Unknown by caller
Area Involved: Fixed Facility
Milepost:
Section:
Township:
Range:
County: Lake
Latitude:
Longutude:

Hazardous Materials Incident Report

Incident Report Dt: 6/9/2008 3:50:00 PM
Data Input Status: Closed
LUST?:
Hazmat Incident Type: Leak or Spill
Caller: Mary Jank
Caller Represents: Mactec Engineering & Cons
Street Address: Fort Sheridan, Building #336
City: Highland Park
County: Lake
Entered by: Kattner, Paul/Comm Center/IEMA
Date Entered:

URL: https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=H-2008-0817
Narrative:

Follow Up Information:

Weather Information

Temp: 80 degrees
Wind: unknown

Materials Involved

Name: Unknown Petroleum Product
Type: Liquid
CHRIS CODE: unk
CAS No: unknown
UN/NA No: unknown
Container Type: Unknown
Container Size: Unknown
Amount Released: Unknown
Rate of Release Min: Unknown
Duration of Release:
Cause of Release: Unknown
Est Spill Extent: 100 square feet
Spill Extent Units:
Date/Time Inc Occur:
Unknown Occurr: TRUE
Date/Time Discov: 6/9/2008 12:00
Unknown Discovered:
Where Taken: N/A
On Scene Contact: Mary Jank
No of People Evacuat:
A 302(a) Extremely Haz Sub?: No
A RCRA Hazardous Waste?: No
A RCRA Regulated Facility?: No
Public Health Risks: None
State Agency Assistance: None
Containment/Cleanup Plans: Caller advised that a spill response contractor has been hired and soil will be remediated as required

Agency or Persons Notified

Agency:
Date/Time: Jan 28 2010 8:12AM
Name of Person: Howard Hickey
Notification Action: Contacted

Site: ***Lake Forest College***
5555 N Sheridan Rd Lake Forest IL

SPILLS

Incident No: H-2014-0809
Date/Time Occurred: 7/9/2014 12:49:11 PM
Media Release: Ground
Facility Manager: David Siebert
Fac Manager Phone: 847/735-5040
Responsible Party Street: 5555 N. Sheridan Rd
Area Involved: Fixed Facility
Milepost: N/A
Section: N/A
Township: N/A
Range: N/A
County: Lake
Latitude: 42.265471
Longutude: -87.835563

Hazardous Materials Incident Report

Incident Report Dt: 7/9/2014 12:49:11 PM
Data Input Status: Closed
County: Lake
Entered by: Kattner, Paul (IEMA)

LUST?:	Yes	***Date Entered:***	
Hazmat Incident Type:	Leak or spill		
Caller:	Robert Sumosku		
Caller Represents:	Crowne Industries		
Street Address:	5555 N Sheridan Rd		
City:	Lake Forest		
URL:	https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=H-2014-0809		
Narrative:			

None **Note: Many records provided by the department have a truncated [Narrative] field.

Follow Up Information:

Weather Information

Temp:	80 Degrees
Wind:	Unknown

Materials Involved

Name:	Heating Oil
Type:	Liquid
CHRIS CODE:	Unknown
CAS No:	Unknown
UN/NA No:	Unknown
Container Type:	Under ground storage tank
Container Size:	1 X 2,000 Gallons (Heating oil)
Amount Released:	Unknown
Rate of Release Min:	Unknown
Duration of Release:	Unknown
Cause of Release:	Spills and overfills
Est Spill Extent:	Unknown
Spill Extent Units:	
Date/Time Inc Occur:	
Unknown Occurr:	Yes
Date/Time Discov:	2014-07-09 10:00
Unknown Discovered:	
Where Taken:	N/A
On Scene Contact:	David Siebert
No of People Evacuat:	0
A 302(a) Extremely Haz Sub?:	Unknown
A RCRA Hazardous Waste?:	Unknown
A RCRA Regulated Facility?:	Unknown
Public Health Risks:	None
State Agency Assistance:	None
Containment/Cleanup Plans:	Tanks have been removed.....Soil will be remediated.....Crowne Industries (contractor) will coordinate cleanup and remediation

Agency or Persons Notified

Agency:	IEMA, OSFM, NRTP, & IEMA Region #4
Date/Time:	2014-07-09 12:55
Name of Person:	E-mailed
Notification Action:	Report Sent

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

The U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL) includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program, based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. This data includes NPL sites represented as polygons, where available, that can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. As site investigation and remediation progress, OUs may be added, modified or refined. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the U.S. Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

Deleted NPL: DELETED NPL

Sites deleted from the U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL). The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the EPA's Facility Registry Service map tool.

Government Publication Date: Oct 24, 2024

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Oct 24, 2024

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Oct 21, 2024

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Oct 21, 2024

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Oct 21, 2024

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Oct 21, 2024

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Oct 21, 2024

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Oct 21, 2024

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Oct 21, 2024

Federal Engineering Controls-ECs: FED ENG

List of Engineering controls (ECs) made availabe by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Nov 20, 2024

Federal Institutional Controls- ICs: FED INST

List of Institutional controls (ICs) made available by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Nov 20, 2024

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

These boundaries of Institutional Control areas at sites on the U.S. Environmental Protection Agency's (EPA) National Priorities List (NPL), or as Proposed or Deleted, are sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). The EPA's NPL includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes.

Government Publication Date: Sep 25, 2024

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Oct 15, 2024

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Feb 7, 2024

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: Jan 9, 2024

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Jan 9, 2024

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

This list of petroleum refineries is sourced from the U.S. Energy Information Administration (EIA), Refinery Capacity Report. The listing includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year. The geographic area the report covers is the 50 States, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, Guam, and other U.S. possessions. Per the EIA, the facility location data represents the approximate location based on research of publicly available information from sources such as Federal agencies, company websites, and satellite images on public websites.

Government Publication Date: Jun 6, 2024

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from the Federal Communications Commission Data hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

Government Publication Date: Jun 6, 2024

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Oct 24, 2024

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Oct 24, 2024

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

State

State Response Action Program Database: SSU

The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit. The State Response Action Program database made available by Illinois Environmental Protection Agency. This database serves a purpose similar to that of the federal Superfund Enterprise Management System (SEMS), functioning as a state-level counterpart for tracking potential hazardous substance release sites.

Government Publication Date: Aug 3, 2023

Delisted State Response Action Program: DELISTED SSU

List of sites removed from the State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

Government Publication Date: Aug 3, 2023

Solid Waste Landfills Subject to State Surcharge Database: SWF/LF

The Bureau of Land maintains a list of solid waste facilities and landfills throughout the state. This list made available by Illinois Environmental Protection Agency's Bureau of land.

Government Publication Date: Jun 24, 2024

Special Waste Site List: SWF/LF SPECIAL

The following landfills are those that as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois Environmental Protection Agency Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste. Non-Regional Pollutant Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollutant Control Facility by RPCF, or Non-regional Pollutant Control Facility by Non-RPCF.

Government Publication Date: Jan 1, 1990

Northeastern Illinois Planning Commission Historical Inventory of Solid Waste Disposal Sites in Northeastern Illinois: NIPC

Historical inventory of solid waste disposal sites in northeastern Illinois prepared by the Northeastern Illinois Planning Commission (NIPC).

Government Publication Date: Dec 1987

Clean Construction or Demolition Debris: CCDD

This is a list of CCDD Fill Operations with Approved Permits. Beginning July 1, 2008, no person can use CCDD as fill material in a current or former quarry, mine, or other excavation unless they have obtained a permit from the Illinois EPA.

Government Publication Date: Oct 3, 2023

Leaking Underground Storage Tanks (LUST): LUST

Leaking underground storage tanks (LUSTs) are a significant source of environmental contamination and may pose threats to human health and safety. The Illinois Office of the State Fire Marshal (OSFM) regulates the daily operation and maintenance of UST systems. When a release occurs, a tank owner, operator, or their designated representative, must notify the Illinois Emergency Management Agency (IEMA), which then notifies the Illinois Environmental Protection Agency (Illinois EPA). The Illinois EPA's LUST Section begins oversight of remedial activities only after the UST release has been reported to the IEMA.

Government Publication Date: Nov 15, 2024

Leaking UST Document: LUST DOCUMENT

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more of the documents is in the Leaking Underground Storage Tank (LUST) category. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.

Government Publication Date: Jul 23, 2024

Delisted Leaking Underground Storage Tank Sites: DELISTED LUST

List of sites removed from the Leaking Underground Storage Tank Incident Tracking (LIT) database made available by the Illinois Environmental Protection Agency.

Government Publication Date: Oct 21, 2024

Underground Storage Tank Fund Payment Priority List: LUST TRUST

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner. The Underground Storage Tank Fund Priority list made available by Illinois Environmental Protection Agency.

Government Publication Date: Nov 01, 2016

Underground Storage Tank Database (UST): UST

This Underground Storage Tank (UST) database is maintained by the Division of Petroleum & Chemical Safety of the Office of the Illinois State Fire Marshal (OSFM). Agency Disclaimer: The data contains information derived from tank registration information supplied to the OSFM from outside sources. This information may not contain complete or current information on a specific tank.

Government Publication Date: Oct 21, 2024

Aboveground Storage Tanks (AST): AST

A list of aboveground storage tanks inspected by the Office of State Fire Marshal (OSFM).

Government Publication Date: Nov 1, 2024

Delisted Storage Tanks: DELISTED TANK

This database contains a list of closed storage tank sites that were removed from the illinois Department of Enivornmental Quality.

Government Publication Date: Oct 21, 2024

Sites with Engineering Controls: ENG

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with engineering controls in place.

Government Publication Date: Nov 22, 2024

Institutional Controls: INST

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with institutional controls in place.

Government Publication Date: Nov 22, 2024

Environmental Covenants Registry: AUL

According to the Illinois Environmental Protection Agency (Illinois EPA), the Illinois Uniform Environmental Covenants Act (UECA) (765 Illinois Compiled Statues (ILCS) 122 et seq.) creates an environmental covenant that is a specific recordable interest in real estate. It arises from an environmental response project that imposes activity and use limitations on a property. No environmental covenant is effective without the approval of the Illinois EPA, through the Director's signature. The UECA instrument recites the property use controls and remediation requirements imposed upon the property. Section 12(a) of the Illinois UECA requires the Illinois EPA to establish and maintain a registry that contains all environmental covenants and any amendment or termination of those covenants.

Government Publication Date: Aug 8, 2024

Illinois Site Remediation Program Database: SRP

The Site Remediation Program (SRP) database identifies the status of all voluntary remediation projects administered through the Pre-Notice Site Cleanup Program (1989 to 1995) and the Site Remediation Program (1996 to the present). The SRP database is made available by the Illinois Environmental Protection Agency (IEPA).

Government Publication Date: Nov 22, 2024

Document Explorer Remediation and Assessment Sites: REM ASSESS

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more documents available are associated with the Federal Facilities Unit, National Priorities List Unit, Site Assessment Unit, or Voluntary Site Remediation Unit. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.

Government Publication Date: Jul 23, 2024

Brownfields Redevelopment Assessment Database: BROWNFIELDS

This listing of Brownfields Redevelopment Assessment sites is provided by the Illinois Environmental Protection Agency's (IL EPA) Bureau of Land. Brownfields are abandoned or under-utilized industrial and commercial properties with actual or perceived contamination and an active potential for redevelopment. The IL EPA Remedial Project Management Section (RPMS) manages the Brownfields loan programs and offers technical support to communities through the services of its Brownfields Representatives.

Government Publication Date: Jun 4, 2024

Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA: BROWN MBRGP

The Office of Brownfields Assistance (OBA) database identifies the status of all Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA. Office of Brownfields Assistance Database search made available by Illinois Environmental Protection Agency's Bureau of Land Data-Center.

Government Publication Date: Mar 31, 2013

Tribal

Leaking Underground Storage Tanks on Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 5, which includes Illinois, is made available by the United States Environmental Protection Agency (EPA). There are no federally recognized Tribes in Illinois, according to the U.S. Department of Interior, Bureau of Indian Affairs.

Government Publication Date: Oct 16, 2017

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 5, which includes Illinois, is made available by the United States Environmental Protection Agency (EPA). There are no federally recognized Tribes in Illinois, according to the U.S. Department of Interior, Bureau of Indian Affairs.

Government Publication Date: Oct 16, 2017

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

County

No County databases were selected to be included in the search.

Additional Environmental Record Sources

Federal

PFAS Greenhouse Gas Emissions Data: PFAS GHG

The U.S. Environmental Protection Agency's Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO2e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. Includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures by DSSTox. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time.

Government Publication Date: Aug 5, 2024

On-Scene Coordinator Response Sites: OSC RESPONSE

This list of On-Scene Coordinator (OSC) Response Sites is provided by the U.S. Environmental Protection Agency (EPA). OSCs are the federal officials responsible for monitoring or directing responses to all oil spills and hazardous substance releases reported to the federal government. OSCs coordinate all federal efforts with, and provide support and information to local, state, and regional response communities. An OSC is an agent of either EPA or the U.S. Coast Guard (USCG), depending on where the incident occurs. EPA's OSCs have primary responsibility for spills and releases to inland areas and waters. USCG OSCs have responsibility for coastal waters and the Great Lakes. In general, an OSC has the following key responsibilities during and after a response: Assessment, Monitoring, Response Assistance, and Evaluation.

Government Publication Date: Apr 4, 2024

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Aug 1, 2024

Toxics Release Inventory (TRI) Program: TRIS

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment. This database includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

Hazardous Materials Information Reporting System: HMIRS

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

Government Publication Date: May 29, 2024

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Nov 30, 2023

Toxic Substances Control Act: TSCA

The U.S. Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI). EPA CDR collections occur approximately every four years and reporting requirements change per collection.

Government Publication Date: May 12, 2022

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Jul 24, 2024

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

Government Publication Date: Apr 13, 2024

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2024

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2024

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites: FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

Government Publication Date: May 6, 2024

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Feb 5, 2024

Surface Mining Control and Reclamation Act Sites: SMCRA

This inventory of land and water impacted by past mining (primarily legacy coal mining operations) is maintained by the U.S. Department of the Interior's Office of Surface Mining Reclamation and Enforcement (OSMRE), as it provides information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) Problems, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into e-AMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: May 20, 2024

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 12, 2023

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 29, 2024

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Cases filed since 2010 limited to the following: Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS); and applicable ENRD's Environmental Defense Section (EDS) CERCLA Cases with "Consent" in History Note. CMS may not reflect the latest developments in a case, nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jun 26, 2024

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Feb 29, 2024

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: May 23, 2024

Power Plants: POWER PLANTS

This list of power plants is provided by the U.S. Energy Information Administration (EIA). The listing includes operable electric generating plants in the United States by energy source, originating from the EIA-860, Annual Electric Generator Report; EIA-860M, Monthly Update to the Annual Electric Generator Report; and EIA-923, Power Plant Operations Report. It includes all operable plants by energy source with a combined nameplate capacity of 1 megawatt or more that are operating, are on standby, or out of service for short- or long-term.

Government Publication Date: Apr 15, 2024

State

Spills and Incidents: SPILLS

This listing of hazardous materials spill/incident reports is sourced from the Illinois Emergency Management Agency (IEMA)

Government Publication Date: Sep 11, 2024

Emergency Response Releases & Spills Database: SPILL OER

The Illinois Environmental Protection Agency's (IEPA) Office of Emergency Response (OER) maintains this Emergency Response Releases & Spills Database. The Emergency Operations Unit (EOU), within OER, coordinates IEPA's response to environmental emergencies involving oil or hazardous materials and ensures that any environmental contamination is cleaned up. EOU works with other response agencies including the Illinois Emergency Management Agency (IEMA), which is the initial contact for responses to an emergency or disaster in Illinois.

Government Publication Date: Sep 11, 2024

Dry Cleaning Facilities: DRYCLEANERS

This list of licensed drycleaner facilities is provided by the Drycleaner Environmental Response Trust Fund of Illinois; and since July 1, 2020, is administrated by Illinois Environmental Protection Agency (IEPA).

Government Publication Date: Jul 2, 2024

Delisted Drycleaners: DELISTED DRYCLEANERS

List of sites removed from the drycleaners database made available by the Drycleaner Environmental Response Trust Fund of Illinois.

Government Publication Date: Jul 2, 2024

IEPA Document Explorer: IEPA DOCS

A list of permits and documents found in the Illinois Environmental Protection Agency (IEPA) Document Explorer. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are available in a digital format. This list includes records not otherwise categorized as LUST, Remediation, Air Permits, NPDES, or Compliance Commitment Agreements.

Government Publication Date: Jul 23, 2024

Clandestine Drug Labs: CDL

List of clandestine drug lab locations made available by the Illinois Department of Public Health. The Department maintains a list of properties from reports it receives from the Illinois State Police through the Illinois Emergency Management Agency.

Government Publication Date: Jan 4, 2023

Tier 2 Report: TIER 2

List of facilities who submit Tier II forms to the Illinois Emergency Management Agency (IEMA).

Government Publication Date: May 10, 2023

Air Permits: AIR PERMITS

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more of the documents is in the Air Permits (construction and operating) category. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.

Government Publication Date: Jul 23, 2024

Underground Injection Control Wells: UIC

The Underground Injection Control (UIC) Program is a federal program established under the provision of the Safe Drinking Water Act of 1974. Since groundwater is a major source of drinking water in the United States, the UIC Program requirements were designed to prevent contamination of groundwater resulting from the operation of injection wells. The Underground Injection Well Inventory is provided by the Illinois Environmental Protection Agency. This inventory includes Class V Injections Wells which are utilized to inject non-hazardous waste into or above the Underground Source of Drinking Water.

Government Publication Date: Aug 1, 2019

Potentially Infectious Medical Waste Facilities: MEDICAL WASTE

Title 35 of the Illinois Administrative Code defines Potentially Infectious Medical Waste (PIMW) as waste generated in connection with the diagnosis, treatment (i.e., provision of medical services), or immunization of human beings or animals; research pertaining to the provision of medical services; or the provision or testing of biologicals. The Illinois Environmental Protection Agency's Bureau of Land is responsible for administering the PIMW program. The facilities included on this listing treat, store, transfer or dispose of PIMW.

Government Publication Date: Jun 6, 2023

Compost Facilities: COMPOST

The Illinois Environmental Protection Agency's Bureau of Land, Materials Management Unit maintains this list of composting facilities. Composting facilities provide an alternative option to managing and disposing of non-hazardous solid waste and/or landscape waste instead of the waste being landfilled. It is a natural form of recycling that turns some common kinds of household waste, like food and lawn wastes, into a dark organic material that can be used in a variety of beneficial ways.

Government Publication Date: Dec 1, 2023

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX B
GEOTECHNICAL REPORT
AND BORING LOGS

Geotechnical Engineering Services Report

SHERIDAN ROAD IMPROVEMENTS

FROM EDGECLIFF DRIVE TO NORTH END

HIGHLAND PARK, ILLINOIS

RUBINO PROJECT NO. G24.205

Drilling
Laboratory Testing
Geotechnical Analysis

PREPARED BY:
HOLLY GREGORICH
REVIEWED BY:
JONATHAN IGNARSKI

rubino ENGINEERING INC.

Michelle A. Lipinski, PE
President
IL No. 062-061241, Exp. 11/30/2025

PREPARED FOR:

CIORBA GROUP, INC.

8725 W. HIGGINS ROAD, SUITE 600

CHICAGO, ILLINOIS

DECEMBER 31, 2024

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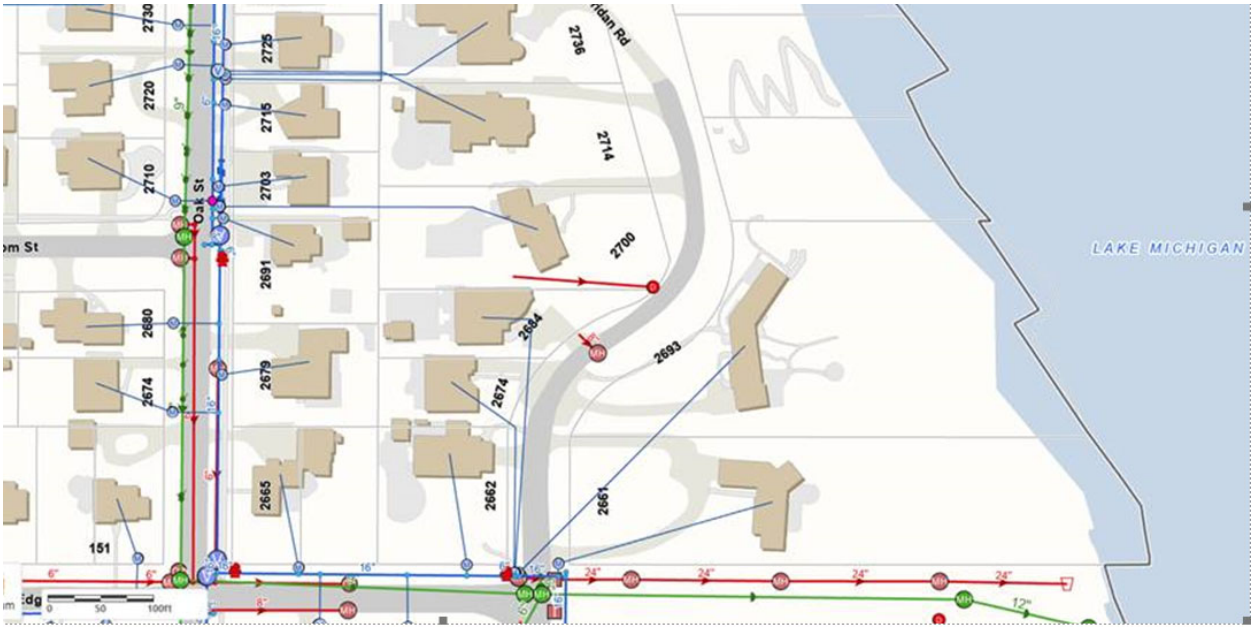
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PROJECT INFORMATION

Rubino Engineering, Inc. (Rubino) understands that Ciorba Group, Inc. is aiding the City of Highland Park with an improvements project along Sheridan Road extending from Edgecliff Drive to its north end. Rubino was asked to provide pavement cores and DCP soil borings for the project.

Documents received:

- Project Location and Existing Utilities images – Included with RFP email (shown below)



Project Correspondence:

- RFP Email from Duane O'Laughlin, P.E. on September 26, 2024
- Authorization to proceed from Duane O' Laughlin, P.E. on November 15, 2024

The geotechnical recommendations presented in this report are based on the available project information and the subsurface materials described in this report. If any of the information on which this report is based is incorrect, please inform Rubino in writing so that we may amend the recommendations presented in this report (if appropriate, and if desired by the client). Rubino will not be responsible for the implementation of our recommendations if we are not notified of changes in the project.

Purpose / Scope of Services

The purpose of this study was to explore the subsurface conditions at the site in order to prepare geotechnical recommendations for subgrade stability and general site development for the proposed construction. Rubino's scope of services included the following drilling program:

Table 1: Drilling Scope

NUMBER OF BORINGS	NUMBER OF CORES	DEPTH (FEET BEG*)	LOCATION
3	3	3 – 5	Sheridan Road

*BEG = below existing grade

Representative soil samples obtained during the field exploration program were transported to the laboratory for additional classification and laboratory testing. This report briefly outlines the following:

- *Summary of client-provided project information and report basis*
- *Overview of encountered subsurface conditions*
- *Overview of field and laboratory tests performed including results*
- *Geotechnical recommendations pertaining to:*
  - *Subgrade preparation*
  - *Subgrade Stability*
    - *Estimated IBV value at each boring location*
  - *Pavement Core Summary table including photos and measurements*
- *Construction considerations, including temporary excavation and construction control of water*

DRILLING, FIELD, AND LABORATORY TEST PROCEDURES

In consultation with the client, Rubino selected the number of cores and borings, and the boring depths. Rubino located the borings in the field by measuring distances from known fixed site features. The pavement cores were performed with a Milwaukee Drill and Diamond-bit core barrel. Dynamic Come Penetrometer (DCP) drilling methods were performed according to ASTM D6951 and soil samples were obtained using direct push methods to depths indicated herein.

Selected soil samples were tested in the laboratory to determine material properties for this report. Drilling, sampling, and laboratory tests were accomplished in general accordance with ASTM procedures. The following items are further described in the Appendix of this report.

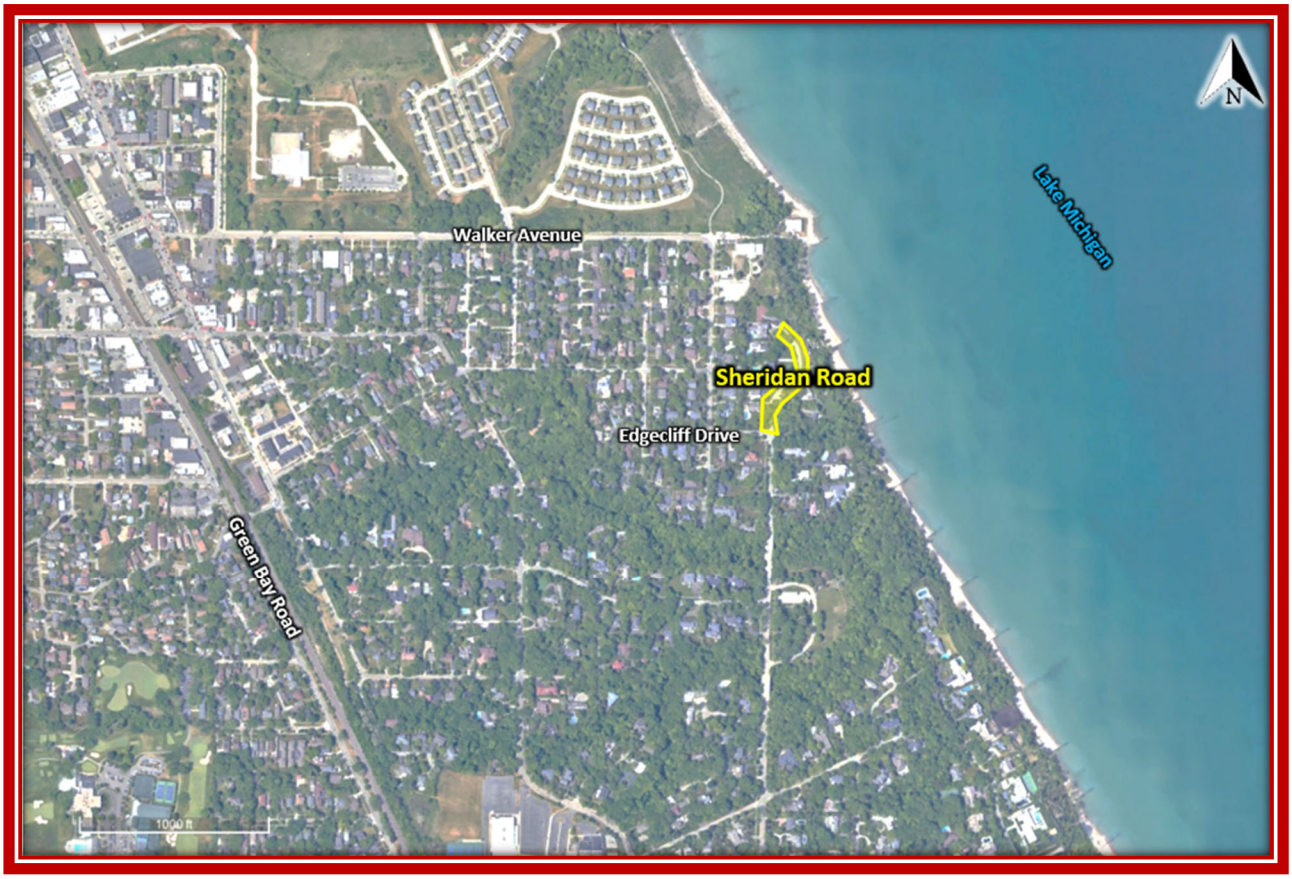
- *Dynamic Cone Penetrometer (DCP) Testing ASTM D6951*
- *Field Water Level Measurements*
- *Laboratory Determination of Water (Moisture) Content of Soil by Mass (ASTM D2216)*
- *Laboratory Determination of Atterberg Limits (ASTM D4318)*

The laboratory testing program was conducted in general accordance with applicable ASTM specifications. The results of these tests are to be found on the accompanying boring logs located in the Appendix.

SITE AND SUBSURFACE CONDITIONS

Site Location and Description

The project site is located along Sheridan Road from Edgecliff Drive to the north end terminus in Highland Park, Illinois



The midpoint of the project site has an approximate latitude and longitude of 42.201283 and -87.797020, respectively.

Surface Conditions

Cores were taken within the existing pavement of Sheridan Road. The surface conditions are as follows:

Table 2: Existing Pavement Section Summary

Core Number	Total Observed Pavement Thickness	Total Observed Base Stone Thickness
C-01	3 inches of Asphalt	2 inches of Subbase Stone
C-02	8 inches of Asphalt	6 inches of Subbase Stone
C-03	4 ½ inches of Asphalt	10 ½ inches of Subbase Stone

Please note that the above referenced thicknesses are considered approximate and based on visual observations and hand measurements. Pavement and sub-base type and thickness may vary between core locations.

Subsurface Conditions

Beneath the existing surficial pavement, subsurface conditions generally consisted of brown and/or gray silty clay.

Table 3: Subsurface Conditions Summary

Approximate Depth Range (feet BEG*)	Soil Description	DCP values (blows per 6 in.)	Moisture Content (%)	Pocket Penetrometer Qp Values (TSF)
1 – 5	Brown and/or gray silty CLAY, trace sand and gravel	4 – 21	13 – 28	Qp ≈ 3.0 to 4.5 tsf

*BEG = Below existing grade

The native soils were visually classified as silty clay (CL) to the Unified Soil Classification System (USCS). The above table is a general summary of subsurface conditions. Please refer to the boring logs for more detailed information.

Groundwater Conditions

Groundwater was not observed in the borings during the drilling operations. However, it should be noted that fluctuations in the groundwater level should be anticipated throughout the year depending

on variations in climatological conditions and other factors not apparent at the time the borings were performed. Groundwater may not have been observed in some areas due to the low permeability of soils. Additionally, discontinuous zones of perched water may exist within the soils. The possibility of groundwater level fluctuation should be considered when developing the design and construction plans for the project.

SUMMARY OF GEOTECHNICAL CONSIDERATIONS

The main geotechnical design and construction considerations at this site are:

- In general, the **asphalt thicknesses** observed at boring locations ranged between approximately 3 and 8 inches. See the *Surface Conditions* section for more information.
- In general, the **subbase stone thicknesses** ranged between approximately 2 and 10 ½ inches. See the *Surface Conditions* section for more detailed information.
- **Subgrade soils** generally consisted of brown and/or gray silty clay soils. See the *Subsurface Conditions* section for more detailed information.

The geotechnical-related recommendations in this report are presented based on the subsurface conditions encountered and Rubino's understanding of the project. Should changes in the project criteria occur, a review must be made by Rubino to determine if modifications to our recommendations will be necessary.

EVALUATION AND RECOMMENDATIONS

The geotechnical-related recommendations in this report are presented based on the subsurface conditions encountered and Rubino's understanding of the project. Should changes in the project criteria occur, a review must be made by Rubino to determine if modifications to our recommendations will be necessary.

Pavement Subgrade Preparation

Rubino recommends that unsuitable soils or deleterious materials be removed from the construction area, as applicable. Unsuitable soils or deleterious materials can be described as, but are not limited to:

- Organic soil / topsoil / plants / trees / shrubs / grass
- Frozen soil
- Existing asphalt or concrete pavement sections
- Concrete curb & gutter

Stripping operations should extend a minimum of 5 feet beyond proposed pavement limits where property limits allow. The geotechnical engineer should be notified if there are property boundary

limitations. Stripping operations should be monitored and documented by a representative of the geotechnical engineer at the time of construction.

Prior to paving, the prepared subgrade should be proofrolled using a loaded tandem axle dump truck or similar type of pneumatic tired equipment with a minimum gross weight of 9 tons per single axle. Localized soft areas identified should be repaired prior to paving. Moisture content of the subgrade be maintained between -2% and +3% of the optimum at the time of paving. It may require rework when the subgrade is either desiccated or wet.

Areas of low support or soft spots should be tested with either a Static Cone Penetrometer (SCP) or Dynamic Cone Penetrometer (DCP). The results of the DCP or SCP tests should be evaluated according to the *IDOT Subgrade Stability Manual, 2005* to determine the necessary depth of corrective action.

Subgrade Stability Recommendations

The recommendations located in this report are based on the data obtained at each particular soil boring location. Soil subgrade stability may vary in the field between the borings and could be affected by the weather at the time of construction.

- The IDOT IBV Based Remedial Action chart from the *IDOT Subgrade Stability Manual*, 2005 was used for reference
- Without Aggregate Subgrade Improvement (ASI) 12”, subgrade with an IBV value of 5 or less is a candidate for remediation.
- With Aggregate Subgrade Improvement (ASI) 12”, subgrade with an IBV value of 2 or less is a candidate for remediation.
- Subgrade soils should be carefully evaluated by proof-rolling and subgrade stability testing at the time of construction to document the in-place consistency of these materials

Based on the above criteria, Rubino is not recommending undercuts at this time. However, Rubino does recommend including a nominal quantity for Aggregate Subgrade Improvement (CU YD) to account for unforeseen conditions at the time of construction.

The following table summarizes the estimated IBV value at each boring location. The borings were taken along Sheridan Road.

Table 4: Estimated IBV Values

BORING NUMBERS	IBV VALUE	REMEDIAL THICKNESS (UNDERCUT)	GEOTECHNICAL CONSIDERATIONS
C-01, C-02, & C-03	6 – 9	Nominal Quantity	Brown and gray silty CLAY with Qp values ranging from 3.0 to 4.5 tsf

Unstable soil should be treated in accordance with Article 301.04 of the standard specifications and undercut guidelines in the *IDOT Subgrade Stability Manual, 2005*.

Subbase Stone Recommendations

Due to the current variability of subbase stone along the roadway, Rubino recommends that a more consistent subbase thickness be placed as part of the reconstruction.

The granular base course should be built at least 2 feet wider than the pavement on each side to support the tracks of the slipform paver. This extra width is structurally beneficial for wheel loads applied at pavement edge.

An IDOT CA-6 aggregate base rock (*IDOT Specifications Handbook, Sec. 1004.1*) can be used under the asphalt or concrete pavements.

Rubino recommends a drainage system be designed to keep water out of the base material since CA-6 contains fines which could become unstable when saturated. See the ***Pavement Drainage and Maintenance*** section below for more information.

Pavement Drainage and Maintenance

Fine-grained soils can be sensitive to remolding in the presence of water. In the areas of surficial clays, the surface should be maintained in a graded condition to prevent standing water on the subgrade. Appropriate measures may include, but are not limited to:

- Shaping/pitching the sub-grade to drain toward side drainage ditch along the pavement.
- Providing proper filtration for runoff waters. Proper drainage of the pavement is mandated by Article 202.05 of the *IDOT Standard Specifications, 2022*.
- Rubino recommends placing CA-6 as the fill at the interface of clay and the new pavement. If open-graded stone is used, a geotextile should be placed between the fine-grained soil and the stone.
- Rubino recommends pavements be sloped to provide rapid surface drainage. Water allowed to pond on or adjacent to the pavement could saturate the subgrade and cause premature deterioration of pavements, and removal and replacement may be required.
- Consideration should be given to the use of an interceptor drain to collect and remove water collecting in the granular base. The interceptor drains could be incorporated with the storm drains of other utilities located in the pavement areas.

Recommendations for Additional Testing

If the scope or location of the planned improvements change, please notify Rubino so that we can review our recommendations for the direct use and development of the site.

During construction, Rubino recommends that one of our representatives be onsite for typical **observations and documentation** of exposed subgrade for pavements, including proofrolling and penetrometer testing.

CLOSING

The recommendations submitted are based on the available subsurface information obtained by Rubino Engineering, Inc. and design details furnished by Ciorba Group, Inc. for the proposed project. If there are any revisions to the plans for this project or if deviations from the subsurface conditions noted in this report are encountered during construction, Rubino should be notified immediately to determine if changes in the recommendations are required. If Rubino is not retained to perform these functions, we will not be responsible for the impact of those conditions on the project.

The scope of services did not include an environmental assessment to determine the presence or absence of wetlands, or hazardous or toxic materials in the soil, bedrock, surface water, groundwater or air on, below, or around this site. Any statements in this report and/or on the boring logs regarding odors, colors, and/or unusual or suspicious items or conditions are strictly for informational purposes.

After the plans and specifications are more complete, the geotechnical engineer should be retained and provided the opportunity to review the final design plans and specifications to check that our engineering recommendations have been properly incorporated into the design documents. At this time, it may be necessary to submit supplementary recommendations. This report has been prepared for the exclusive use of Ciorba Group, Inc. and their consultants for the specific application to the proposed Sheridan Road Improvements Project in Highland Park, Illinois.

Appendix A – Drilling, Field, and Laboratory Test Procedures

ASTM D6951 Dynamic Cone Penetrometer Testing

This test method covers the measurement of the penetration rate of the Dynamic Cone Penetrometer with a 17.6-lb hammer through undisturbed soil or compacted materials, or both. The penetration rate may be related to in situ strength such as an estimated in situ CBR (California Bearing Ratio). A soil density may be estimated if the soil type and moisture content are known. The DCP described in this test method is typically used for pavement applications.

Water Level Measurements

Water level observations were attempted during and upon completion of the drilling operation using a 100-foot tape measure. The depths of observed water levels in the boreholes are noted on the boring logs presented in the appendix of this report. In the borings where water is unable to be observed during the field activities, in relatively impervious soils, the accurate determination of the groundwater elevation may not be possible even after several days of observation. Seasonal variations, temperature and recent rainfall conditions may influence the levels of the groundwater table and volumes of water will depend on the permeability of the soils.

Ground Surface Elevations

At this time, no site-specific elevations were available to Rubino. The depths indicated on the attached boring logs are relative to the existing ground surface for each individual boring at the time of the exploration. Copies of the boring logs are located in the Appendix of this report.

ASTM D2216 Water (Moisture) Content of Soil by Mass (Laboratory)

The water content is an important index property used in expressing the phase relationship of solids, water, and air in a given volume of material and can be used to correlate soil behavior with its index properties. In fine grained cohesive soils, the behavior of a given soil type often depends on its natural water content. The water content of a cohesive soil along with its liquid and plastic limits as determined by Atterberg Limit testing are used to express the soil's relative consistency or liquidity index.

ASTM D4318 Atterberg Limits (Laboratory)

Atterberg limit testing defines the liquid limit (LL) and plastic limit (PL) states of a given soil. These limits are used to determine the moisture content limits where the soil characteristics change from behaving more like a fluid on the liquid limit end to where the soil behaves more like individual soil particles on the plastic limit end. The liquid limit is often used to determine if a soil is a low or high plasticity soil. The plasticity index (PI) is the difference between the liquid limit and the plastic limit. The plasticity index is used in conjunction with the liquid limit to determine if the material will behave like

Appendix B – Report Limitations

Subsurface Conditions:

The subsurface description is of a generalized nature to highlight the major subsurface stratification features and material characteristics. The boring logs included in the appendix should be reviewed for specific information at individual boring locations. These records include soil descriptions, stratifications, penetration resistances, locations of the samples and laboratory test data as well as water level information. The stratifications shown on the boring logs represent the conditions only at the actual boring locations. Variations may occur and should be expected between boring locations. The stratifications represent the approximate boundary between subsurface materials and the actual transition between layers may be gradual. The samples, which were not altered by laboratory testing, will be retained for up to 60 days from the date of this report and then will be discarded.

Geotechnical Risk:

The concept of risk is an important aspect of the geotechnical evaluation. The primary reason for this is that the analytical methods used to develop geotechnical recommendations do not comprise an exact science. The analytical tools that geotechnical engineers use are generally empirical and must be used in conjunction with engineering judgment and experience. Therefore, the solutions and recommendations presented in the geotechnical evaluation should not be considered risk-free, and more importantly, are not a guarantee that the interaction between the soils and the proposed structure will perform as planned. The engineering recommendations, presented in the preceding section, constitute Rubino's professional estimate of the necessary measures for the proposed structure to perform according to the proposed design based on the information generated and reference during this evaluation, and Rubino's experience in working with these conditions.

Warranty:

The geotechnical engineer warrants that the findings, recommendations, specifications, or professional advice contained herein have been made in accordance with generally accepted professional geotechnical engineering practices in the local area. No other warranties are implied or expressed.

Federal Excavation Regulations:

In Federal Register, Volume 54, No. 209 (October 1989), the United States Department of Labor, Occupational Safety and Health Administration (OSHA) amended its "Construction Standards for Excavations, 29 CFR, part 1926, Subpart P". This document was issued to better ensure the safety of workmen entering trenches or excavations. This federal regulation mandates that all excavations, whether they be utility trenches, basement excavation or footing excavations, be constructed in accordance with the new OSHA guidelines. It is our understanding that these regulations are being strictly enforced and if they are not closely followed, the owner and the contractor could be liable for substantial penalties.

The contractor is solely responsible for designing and constructing stable, temporary excavations and should shore, slope, or bench the sides of the excavations as required to maintain stability of both the excavation sides and bottom. The contractor's "responsible person," as defined in 29 CFR Part 1926, should evaluate the soil exposed in the excavations as part of the contractor's safety procedures. In no case should slope height, slope inclination, or excavation depth, including utility trench excavation depth, exceed those specified in local, state, and federal safety regulations. Rubino is providing this information solely as a service to our client. Rubino is not assuming responsibility for construction site safety or the contractor's activities; such responsibility is not being implied and should not be inferred.

Appendix C – Soil Classification General Notes

DRILLING & SAMPLING SYMBOLS:

SS:	Split Spoon - 1 3/8" I.D., 2" O.D., unless otherwise noted	PS:	Piston Sample
ST:	Thin-Walled Tube - 3" O.D., Unless otherwise noted	WS:	Wash Sample
PM:	Pressuremeter	HA:	Hand Auger
RB:	Rock Bit	HS:	Hollow Stem Auger
DB:	Diamond Bit - 4", N, B	BS:	Bulk Sample

Standard "N" Penetration: Blows per foot of a 140-pound hammer falling 30 inches on a 2-inch O.D. split spoon sampler (SS), except where noted.

WATER LEVEL MEASUREMENT SYMBOLS:
Water levels indicated on the boring logs are the levels measured in the borings at the times indicated. In pervious soils, the indicated levels may reflect the location of groundwater. In low permeability soils, the accurate determination of ground water levels is not possible with only short-term observations.

DESCRIPTIVE SOIL CLASSIFICATION:
Soil Classification is based on the Unified Soil Classification System as defined in ASTM D-2487 and D-2488. Coarse Grained Soils have more than 50% of their dry weight retained on a #200 sieve; they are described as: boulders, cobbles, gravel or sand. Fine Grained Soils have less than 50% of their dry weight retained on a #200 sieve; they are described as: clays, if they are plastic, and silts if they are slightly plastic or non-plastic. Major constituents may be added as modifiers and minor constituents may be added according to the relative proportions based on grain size. In addition to gradation, coarse grained soils are defined on the basis of their relative in-place density and fine-grained soils on the basis of their consistency. Example: Lean clay with sand, trace gravel, stiff (CL); silty sand, trace gravel, medium dense (SM).

CONSISTENCY OF FINE-GRAINED SOILS:

Unconfined Compressive Strength, Qu (tsf)			N-Blows/ft.			Consistency
	<	0.25	< 2			Very Soft
0.25	-	0.5	2	-	4	Soft
0.5	-	1	4	-	8	Medium Stiff
1	-	2	8	-	15	Stiff
2	-	4	15	-	30	Very Stiff
4	-	8	30	-	50	Hard
>	-	8	> 50			Very Hard

RELATIVE DENSITY OF COARSE-GRAINED SOILS

N-Blows/ft.			Relative Density
0	-	3	Very Loose
4	-	9	Loose
10	-	29	Medium Dense
30	-	49	Dense
50	-	80	Very Dense
		80+	Extremely Dense

RELATIVE PROPORTIONS OF SAND & GRAVEL

Descriptive Term	% of Dry Weight		
Trace		<	15
With	15	-	29
Modifier		>	30

RELATIVE PROPORTIONS OF FINES

Descriptive Term	% of Dry Weight		
Trace		<	5
With	5	-	12
Modifier		>	12

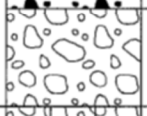
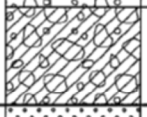
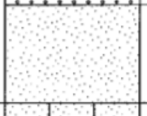
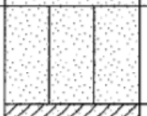
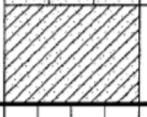
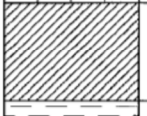
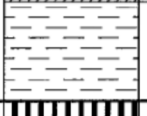
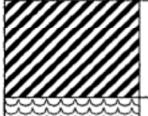
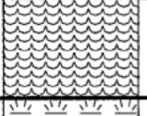
*Descriptive Terms apply to components also present in sample

GRAIN SIZE TERMINOLOGY

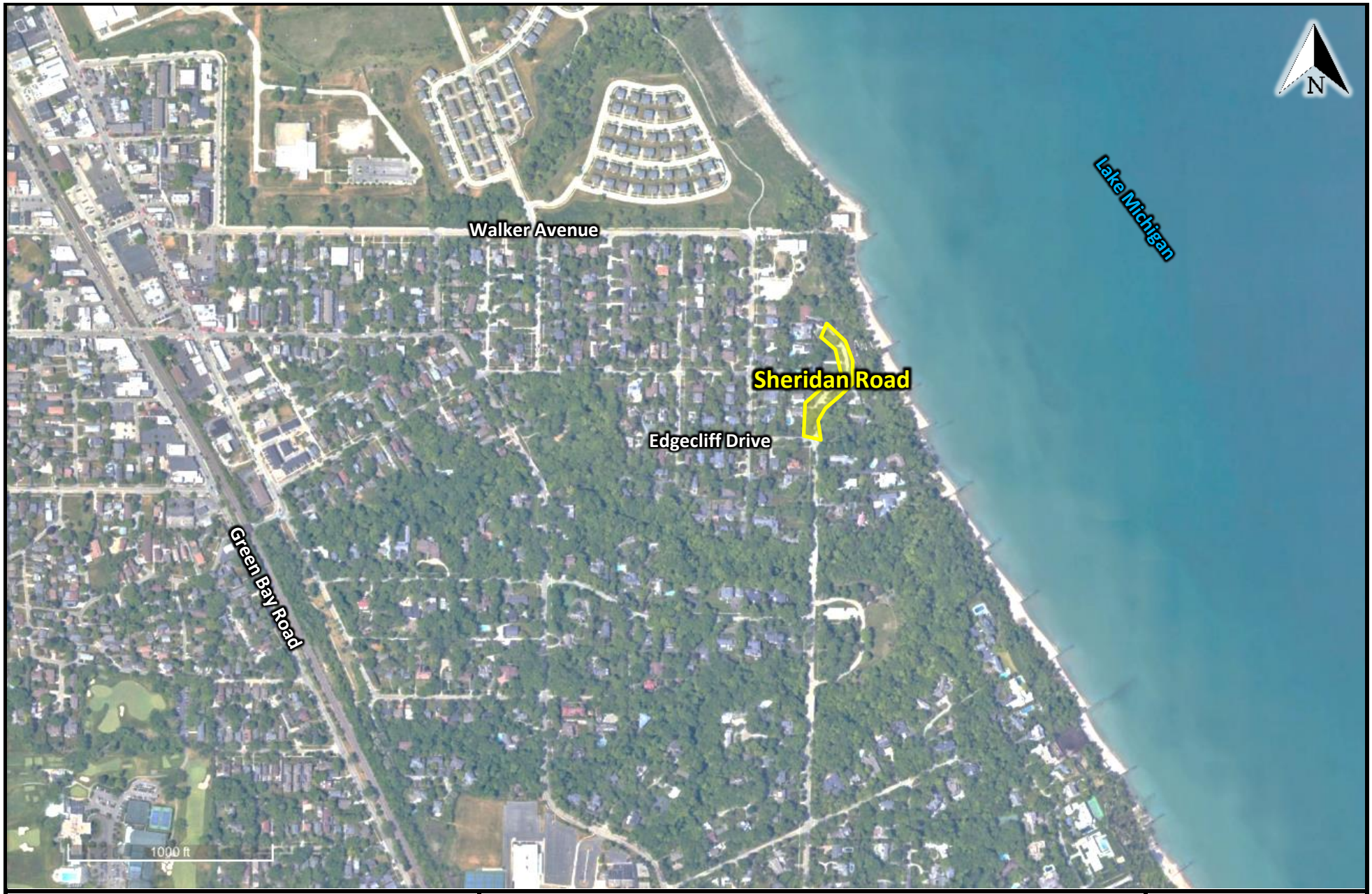
Major Component	Size Range
Boulders	Over 12 in. (300mm)
Cobbles	12 in. To 3 in. (300mm to 75mm)
Gravel	3 in. To #4 sieve (75mm to 4.75mm)
Sand	#4 to #200 sieve (4.75mm to 0.75mm)

SOIL CLASSIFICATION CHART

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

MAJOR DIVISIONS			SYMBOLS: GRAPH	SYMBOLS: LETTER	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		(LITTLE OR NO FINES)		GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVELS WITH FINES		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
		(APPRECIABLE AMOUNT OF FINES)		GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	SAND AND SANDY SOILS	CLEAN SANDS		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
		(LITTLE OR NO FINES)		SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
	MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SANDS WITH FINES		SM	SILTY SANDS, SAND - SILT MIXTURES
		(APPRECIABLE AMOUNT OF FINES)		SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

Appendix E – Site Vicinity Map & Boring Location Plan



rubino ENGINEERING INC.

425 Shepard Drive
Elgin, Illinois 60123

Project Name:	**Sheridan Road Improvements**
Project Location:	Sheridan Rd from Edgecliff Dr to north end Highland Park, Illinois
Client:	**Ciorba Group**
Rubino Project # :	G24.205

Site Vicinity Map



rubino ENGINEERING INC.

425 Shepard Drive
Elgin, Illinois 60123

Project Name:	**Sheridan Road Improvements**
Project Location:	Sheridan Rd from Edgecliff Dr to north end Highland Park, Illinois
Client:	**Ciorba Group**
Rubino Project # :	G24.205

Boring Location Plan

Appendix F – DCP Boring Logs

Rubino Engineering, Inc.
425 Shepard Drive
Elgin, IL 60123
Telephone: 847-931-1555
Fax: 847-931-1560

LOG OF BORING C-01

Rubino Job No.: G24.205
Project: Sheridan Road Improvements
Location: Sheridan Road
City, State: Highland Park, Illinois
Client: Ciorba Group

Drilling Method: Humboldt DCP and LB Sampler
Sampling Method: LB Sampler
Hammer Type: Jackhammer Driven
Boring Location: NB lane of Sheridan Road

WATER LEVELS

While Drilling	N/A
Upon Completion	N/A
Delay	N/A

Station: N/A
Offset: N/A

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	DCP Blows per 6-inch	Moisture, %	STANDARD PENETRATION TEST DATA: Moisture (×) / PL / LL (0, 25, 50); STRENGTH, tsf: Qu (▲) / Qp (✳) (0, 2.0, 4.0)	Additional Remarks
	0					Approximately 3 inches of ASPHALT					
						Approximately 2 inches of SUBBASE STONE					
						Brown and gray silty CLAY, trace sand and gravel					
				1	12			8, 8	14	>>✳	Qp=4.5 tsf
				2	12		CL	11, 18	15	✳	Qp=3.5 tsf
				3	10			18, 25/4"	16	✳	Qp=4.0 tsf
						DCP refusal at approximately 3¼ feet below existing grade.					
						End of boring at approximately 3¼ feet below existing grade.					

Completion Depth: 3.3 ft
Date Boring Started: 12/13/24
Date Boring Completed: 12/13/24
Logged By: H.G.
Drilling Contractor: Rubino Engineering, Inc.

Sample Types:
Hand Auger & DCP
Hand Auger
DCP
Auger Cutting
Split Spoon
No Recovery

Latitude: 42.200653
Longitude: -87.797436
Drill Rig: Milwaukee Dymodrill
Remarks:

The stratification lines represent approximate boundaries. The transition may be gradual.

rubino ENGINEERING INC.
Rubino Engineering, Inc.
425 Shepard Drive
Elgin, IL 60123
Telephone: 847-931-1555
Fax: 847-931-1560

LOG OF BORING C-02

Rubino Job No.:	G24.205	Drilling Method:	Humboldt DCP and LB Sampler
Project:	Sheridan Road Improvements	Sampling Method:	LB Sampler
Location:	Sheridan Road	Hammer Type:	Jackhammer Driven
City, State:	Highland Park, Illinois	Boring Location:	SB lane of Sheridan Road
Client:	Ciorba Group		

WATER LEVELS

While Drilling	N/A
Upon Completion	N/A
Delay	N/A

Station: N/A
Offset: N/A

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	DCP Blows per 6-inch	Moisture, %	STANDARD PENETRATION TEST DATA (Moisture, PL, LL; STRENGTH, tsf Qu, Qp)	Additional Remarks
	0					Approximately 8 inches of ASPHALT					
						Approximately 6 inches of SUBBASE STONE					
						Brown and gray silty CLAY, trace sand and gravel					
				1	12			9, 5	13	>>*	Qp=4.5 tsf
				2	12			4, 7	20	*	Qp=3.0 tsf
				3	9		CL	21, 25/3"	15	>>*	Qp=4.5 tsf
				4	13	**DCP refusal at approximately 4¼ feet BEG**					
	5					End of boring at approximately 5 feet below existing grade.					

Completion Depth:	5.0 ft	Sample Types:			Latitude: 42.201283
Date Boring Started:	12/13/24	Hand Auger & DCP	Auger Cutting		Longitude: -87.797020
Date Boring Completed:	12/13/24	Hand Auger	Split Spoon		Drill Rig: Milwaukee Dymodrill
Logged By:	H.G.	DCP	No Recovery		Remarks:
Drilling Contractor:	Rubino Engineering, Inc.				

The stratification lines represent approximate boundaries. The transition may be gradual.

Rubino Engineering, Inc.
425 Shepard Drive
Elgin, IL 60123
Telephone: 847-931-1555
Fax: 847-931-1560

LOG OF BORING C-03

Rubino Job No.: G24.205
Project: Sheridan Road Improvements
Location: Sheridan Road
City, State: Highland Park, Illinois
Client: Ciorba Group

Drilling Method: Humboldt DCP and Hand Auger
Sampling Method: Hand Auger
Hammer Type: Jackhammer Driven
Boring Location: NB lane of Sheridan Road

WATER LEVELS

While Drilling	N/A
Upon Completion	N/A
Delay	N/A

Station: N/A
Offset: N/A

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	DCP Blows per 6-inch	Moisture, %	STANDARD PENETRATION TEST DATA / STRENGTH, tsf	Additional Remarks
	0					Approximately 4 ½ inches of ASPHALT					
						Approximately 10 ½ inches of SUBBASE STONE					
						Brown silty CLAY, trace sand and gravel					
				1	12			12, 8	24		
				2	12		CL	5, 5	24		
				3	12			5, 8	28		
						No recovery					
				4	0			17, 19			
	5					End of boring at approximately 5¼ feet below existing grade.					

STANDARD PENETRATION TEST DATA
Moisture; PL; LL
0 25 50
STRENGTH, tsf
Qu; Qp
0 2.0 4.0

Completion Depth: 5.3 ft
Date Boring Started: 12/13/24
Date Boring Completed: 12/13/24
Logged By: H.G.
Drilling Contractor: Rubino Engineering, Inc.

Sample Types:
Hand Auger & DCP; Auger Cutting
Hand Auger; Split Spoon
DCP; No Recovery

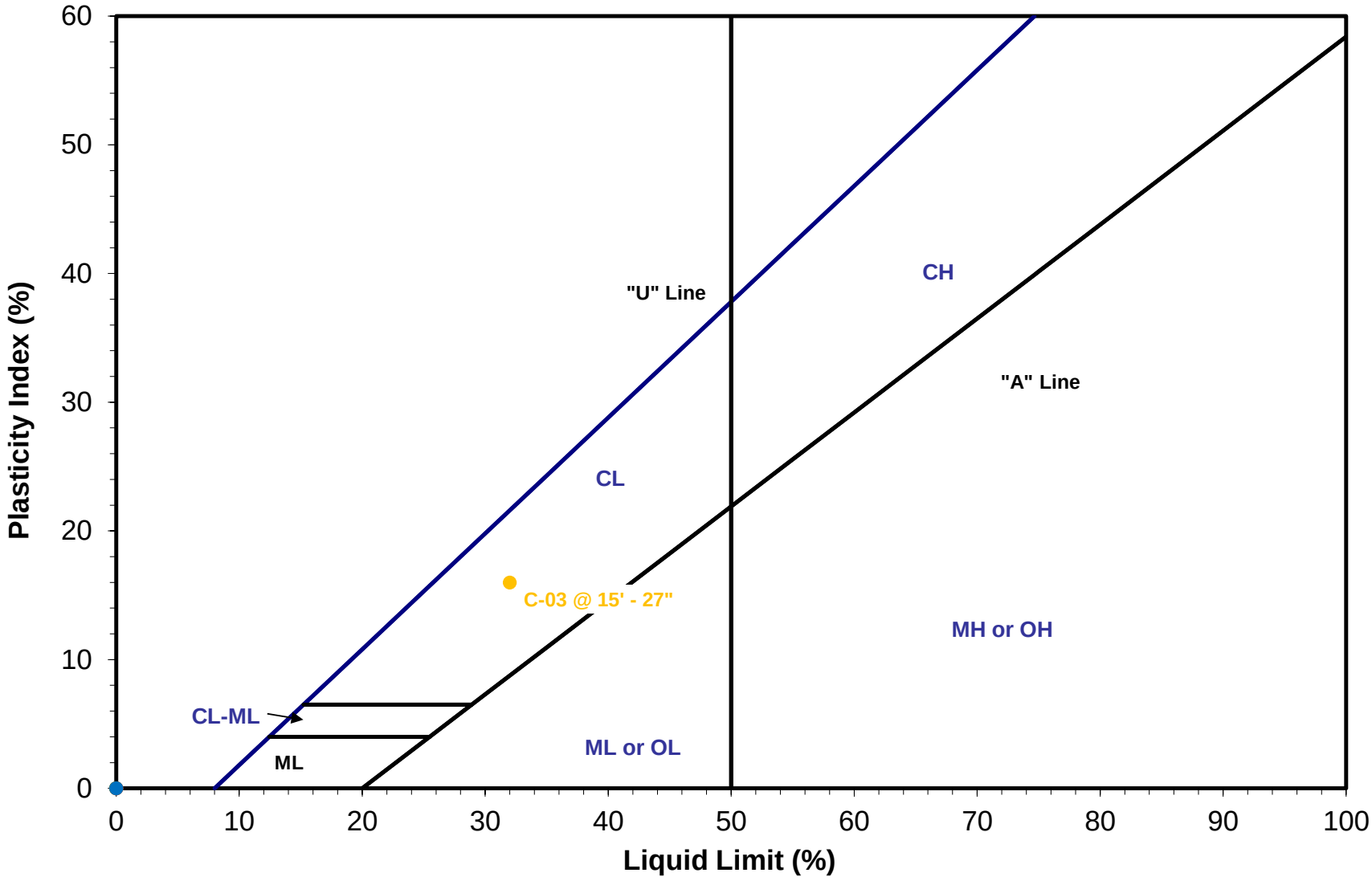
Latitude: 42.201813
Longitude: -87.796989
Drill Rig: Milwaukee Dymodrill
Remarks:

The stratification lines represent approximate boundaries. The transition may be gradual.

Appendix G – Laboratory Results

rubino ENGINEERING INC.

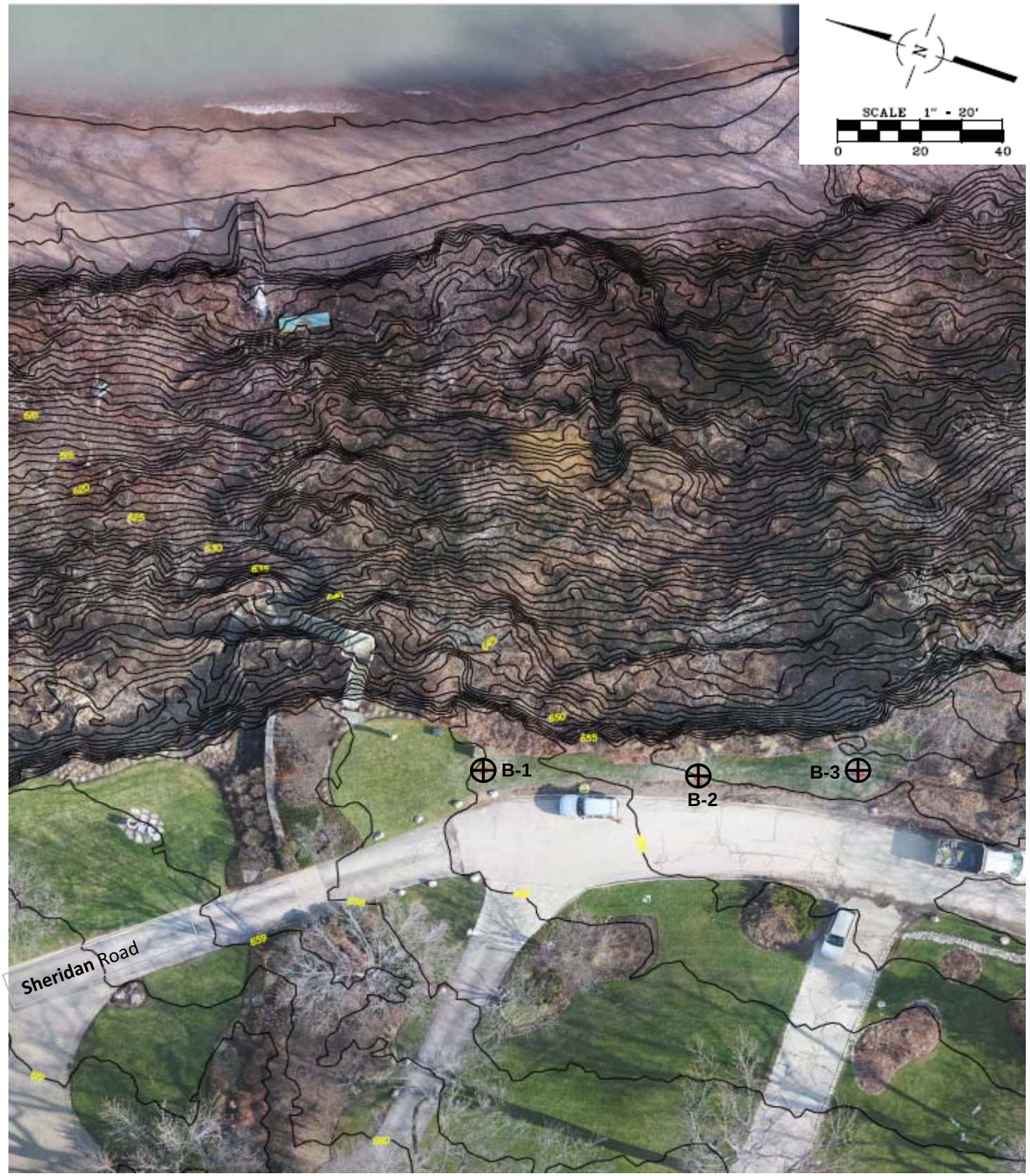
Report of Atterberg Limits Test (ASTM D4318 / AASHTO T89 / AASHTO T90)



Boring #	C-03 @ 15' - 27"					
LL	32					
PL	16					
PI	16					

Project: Proposed Sheridan Road Improvements
Location: Highland Park, Illinois
Client: Ciorba Group
Project #: G24.205

ADDITIONAL BORINGS PREPARED FOR PRIVATE WORK



SOIL BORING LOCATION DIAGRAM

Existing Bluff Investigation Wendy Bloom & Art Kessler 2700 to 2736 Sheridan Road Highland Park, Illinois	O'BRIEN & ASSOCIATES, INC. CONSULTING ENGINEERS 766 W. ALGONQUIN ROAD ARLINGTON HEIGHTS, ILLINOIS 60005 (847) 398-1441 • (847) 398-2376	PREPARED BY	VPB
		APPROVED BY	DOB
		DATE	2/5/2020
		JOB NO.	19069

SCALE AS NOTED

Source: SPACECO Job No. 10846 - UAV-AERIAL dated 12/16/2019

LOG OF BORING NO. B–1

CLIENT	BORING LOCATION
Wendy Bloom & Art Kessler	See Boring Location Diagram
PROJECT LOCATION	**PROJECT DESCRIPTION**
2700 to 2736 Sheridan Road, Highland Park, IL	Existing Road & Adjacent Bluff Investigation

DEPTH (ft.) BELOW GROUND SURFACE	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE DISTANCE	DESCRIPTION OF MATERIAL	STANDARD PENETRATION "N"	Qp (tsf)	Qu (tsf)	MOISTURE CONTENT (%)	UNIT DRY WEIGHT (pcf)	REMARKS
				GROUND SURFACE ELEVATION *656.5*						
	1	AS		4" TOPSOIL wet				25		
	2	SS		LEAN CLAY–brown– stiff to very stiff (CL) Possible Fill	7	2.5	1.9	23	101	
5.0	3	SS		LEAN CLAY–brown & gray– very stiff to hard (CL)	25	4.5+	4.2	16	115	
	4	SS			23	4.25	2.7	15	102	
10.0	5	SS			23	3.25	2.7	16	112	
	6	SS		LEAN CLAY–gray– stiff to hard (CL)	21	3.5	3.5	14	123	
15.0	7	SS			16	4.0	1.9	15	120	
20.0	8	SS		SILT–gray– dense (ML)	38			17		
25.0	9	SS			34			18		

CONTINUED ON FOLLOWING PAGE

WATER LEVEL OBSERVATIONS		BORING STARTED	December 4, 2019	
Water Level While Drilling –22.0' ▼		BORING COMPLETED	December 5, 2019	
Water Level After Boring –22.0' ▽		RIG D–25	FOREMAN DJ	
▽		DRAWN VPB	APPROVED DOB	
		OBA JOB No. 19069	SHEET 1 OF 2	

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LOG OF BORING NO. B–1

CLIENT	BORING LOCATION
Wendy Bloom & Art Kessler	See Boring Location Diagram
PROJECT LOCATION	**PROJECT DESCRIPTION**
2700 to 2736 Sheridan Road, Highland Park, IL	Existing Road & Adjacent Bluff Investigation

GROUND SURFACE ELEVATION *656.5*

DEPTH (ft.) BELOW GROUND SURFACE	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE DISTANCE	DESCRIPTION OF MATERIAL	STANDARD PENETRATION "N"	Qp (tsf)	Qu (tsf)	MOISTURE CONTENT (%)	UNIT DRY WEIGHT (pcf)	REMARKS
				SILT–gray– dense (ML)						
30.0	10	SS		LEAN CLAY–gray– very stiff (CL)	32	2.5	2.4	14	121	
35.0	11	SS			36	2.75	2.5	14	122	
40.0	12	SS			29	3.25	3.4	14	122	
45.0	13	SS			27	3.5	3.5	15	121	
50.0	14	SS			38	3.25	3.2	15	120	

END OF BORING

WATER LEVEL OBSERVATIONS		BORING STARTED	December 4, 2019	
Water Level While Drilling –22.0' ▼		BORING COMPLETED	December 5, 2019	
Water Level After Boring –22.0' ▽		RIG D–25	FOREMAN DJ	
▽		DRAWN VPB	APPROVED DOB	
		OBA JOB No. 19069	SHEET 2 OF 2	

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LOG OF BORING NO. B–2

CLIENT	BORING LOCATION
Wendy Bloom & Art Kessler	See Boring Location Diagram
PROJECT LOCATION	**PROJECT DESCRIPTION**
2700 to 2736 Sheridan Road, Highland Park, IL	Existing Road & Adjacent Bluff Investigation

DEPTH (ft.) BELOW GROUND SURFACE	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE DISTANCE	DESCRIPTION OF MATERIAL	STANDARD PENETRATION "N"	Qp (tsf)	Qu (tsf)	MOISTURE CONTENT (%)	UNIT DRY WEIGHT (pcf)	REMARKS
				GROUND SURFACE ELEVATION 655.0						
	1	AS		TOPSOIL–brown & black wet				35		
	2	SS		LEAN CLAY–brown & gray– very stiff to hard (CL) wet	4	1.5	2.0S @7%	25	101	
5.0	3	SS			14	4.5+	4.8	16	119	
	4	SS			17	3.75	3.8	16	118	
10.0	5	SS			20	4.0	3.8	15	116	
	6	SS		LEAN CLAY–gray– very stiff to hard (CL)	24	4.0	3.8	14	123	
15.0	7	SS			20	3.5	3.5	15	121	
20.0	8	SS			16	2.5	2.5	14	121	
25.0	9	SS			20	2.5	2.5	14	123	

CONTINUED ON FOLLOWING PAGE

WATER LEVEL OBSERVATIONS		BORING STARTED	December 9, 2019
Water Level While Drilling Dry ▼		BORING COMPLETED	December 9, 2019
Water Level After Boring Dry ▽		RIG D–25	FOREMAN DJ
▽		DRAWN VPB	APPROVED DOB
		OBA JOB No. 19069	SHEET 1 OF 2

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LOG OF BORING NO. B–2

CLIENT	BORING LOCATION
Wendy Bloom & Art Kessler	See Boring Location Diagram
PROJECT LOCATION	**PROJECT DESCRIPTION**
2700 to 2736 Sheridan Road, Highland Park, IL	Existing Road & Adjacent Bluff Investigation

GROUND SURFACE ELEVATION *655.0*

DEPTH (ft.) BELOW GROUND SURFACE	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE DISTANCE	DESCRIPTION OF MATERIAL	STANDARD PENETRATION "N"	Qp (tsf)	Qu (tsf)	MOISTURE CONTENT (%)	UNIT DRY WEIGHT (pcf)	REMARKS
				LEAN CLAY–gray– very stiff to hard (CL)						
30.0	10	SS			28	4.0	4.0	15	121	
35.0	11	SS			22	3.5	3.5	15	120	
40.0	12	SS			25	3.5	3.5	15	121	
45.0	13	SS			25	3.25	3.3	15	120	
50.0	14	SS			16	3.25	3.3	14	121	

END OF BORING

WATER LEVEL OBSERVATIONS		BORING STARTED	December 9, 2019	
Water Level While Drilling Dry ▼		BORING COMPLETED	December 9, 2019	
Water Level After Boring Dry ▽		RIG	D–25	FOREMAN DJ
▽		DRAWN	VPB	APPROVED DOB
		OBA JOB No. 19069		SHEET 2 OF 2

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LOG OF BORING NO. B–3

CLIENT	BORING LOCATION
Wendy Bloom & Art Kessler	See Boring Location Diagram
PROJECT LOCATION	**PROJECT DESCRIPTION**
2700 to 2736 Sheridan Road, Highland Park, IL	Existing Road & Adjacent Bluff Investigation

DEPTH (ft.) BELOW GROUND SURFACE	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE DISTANCE	DESCRIPTION OF MATERIAL	STANDARD PENETRATION "N"	Qp (tsf)	Qu (tsf)	MOISTURE CONTENT (%)	UNIT DRY WEIGHT (pcf)	REMARKS
				GROUND SURFACE ELEVATION						
	1	AS		4" TOPSOIL Fill wet				31		
	2	SS		LEAN CLAY–brown– stiff (CL) Possible Fill	5	1.5	1.6	23	102	
5.0	3	SS		LEAN CLAY–brown & gray– very stiff to hard (CL)	13	3.0	3.1	18	112	
	4	SS			18	4.5+	5.7	16	117	
10.0	5	SS			25	4.5	4.5	15	116	
	6	SS		LEAN CLAY–gray– stiff to very stiff (CL)	21	3.0	3.0	15	121	
15.0	7	SS			19	3.0	3.0	15	120	
20.0	8	SS			23	3.75	3.8	15	121	
25.0	9	SS			18	1.5	1.4	17	115	

CONTINUED ON FOLLOWING PAGE

WATER LEVEL OBSERVATIONS		BORING STARTED	December 10, 2019
Water Level While Drilling Dry	▼	BORING COMPLETED	December 10, 2019
Water Level After Boring Dry	▽	RIG D–25	FOREMAN DJ
	▽	DRAWN VPB	APPROVED DOB
		OBA JOB No. 19069	SHEET 1 OF 2

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LOG OF BORING NO. B–3

CLIENT	BORING LOCATION
Wendy Bloom & Art Kessler	See Boring Location Diagram
PROJECT LOCATION	**PROJECT DESCRIPTION**
2700 to 2736 Sheridan Road, Highland Park, IL	Existing Road & Adjacent Bluff Investigation

DEPTH (ft.) BELOW GROUND SURFACE	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE DISTANCE	DESCRIPTION OF MATERIAL	STANDARD PENETRATION "N"	Qp (tsf)	Qu (tsf)	MOISTURE CONTENT (%)	UNIT DRY WEIGHT (pcf)	REMARKS
				GROUND SURFACE ELEVATION						
				LEAN CLAY–gray– stiff to very stiff (CL)						
30.0	10	SS			21	2.5	2.6	15	119	
35.0	11	SS			28	2.5	2.5	15	119	
40.0	12	SS			23	3.0	3.0	15	120	
45.0	13	SS			22	2.5	2.5	15	120	
50.0	14	SS			35	2.75	2.8	15	121	

END OF BORING

WATER LEVEL OBSERVATIONS		BORING STARTED	December 10, 2019	
Water Level While Drilling Dry	▼	BORING COMPLETED	December 10, 2019	
Water Level After Boring Dry	▽	RIG D–25	FOREMAN DJ	
	▽	DRAWN VPB	APPROVED DOB	
		OBA JOB No. 19069	SHEET 2 OF 2	

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APPENDIX C
PRIVATE ACCESS AGREEMENT

PROPERTY ACCESS AGREEMENT FORM
WATER SERVICE LINE REPLACEMENT

The City of Highland Park Lead Water Service Line Replacement Project will require access to private property to install a new underground water service line. The City and its Contractor (listed below) will require access to the front yard and inside of the building to connect the new water service line to the existing water meter location.

The undersigned, _____ ("Customer") grants to The City of Highland Park ("City") and to its approved Contractor/Agents an agreement to enter upon the Customer's property at _____ *(address)* Highland Park, IL ("Property") for the purpose of connecting the Customers' residence to the City water main at the front of the Property, at no cost to the Customer. The term of the agreement shall be 12 months following the date set forth below or final City acceptance of the construction project.

For full-service replacement, the City and its approved Contractor will use trenchless methods to install a water service pipe from the water main to a new City curb stop installation, then from the curb stop installation to inside the Customer's Property. The Contractor will determine the location of the installation with Customer approval. The pipe and any valves or boxes on the street side of the curb stop will be owned and maintained by the City.

The methods utilized for customer water service line installation replacement will leave the majority of the property undisturbed. Upon completion the Customer portion of the water service line on the house side of the service valve will be owned and maintained by the Customer. The City will provide a warranty of the material and workmanship of the Customer water service line for 12 months following completion of the construction project.

Upon completion of the work necessary to establish the new connection, including disconnection from the old water main, installing the City water service connection, the City curb stop installation, and the Customer water service line, the City will restore the Customer's outdoor Property as nearly as practicable to its former condition. The Contractor will minimize disturbance indoors at the Customer's Property. The Contractor will restore piping and concrete inside the building, but the Customer will be responsible for restoring any decorative indoor Property such as drywall, tile, wood paneling, or carpet.

I understand that this is a voluntary agreement. I may opt out of at any point **prior to the day of construction**, and that I am not responsible for any damages or injuries that are caused by the construction project. I also understand that the City or Contractor listed below will be responsible for the work performed, but I will be responsible for final decorative restoration. I will prepare a proper working environment for the Contractor inside my building, clear of clutter and other impediments. The City and the Contractor listed below are responsible for notifying me at **least 24 hours prior to accessing the property. Upon notice, the City and approved contactor have access to the property between the hours of 7:00 am and 5:00 pm for one pre-inspection and one water service installation. Water service installation will require shutting off the water supply to your property for up to 4 hours.**

☐ I fully understand what is being offered by The City of Highland Park as it pertains to the water service line replacement and hereby opt IN to participate.

☐ I fully understand what is being offered by The City of Highland Park as it pertains to the water service line replacement and hereby opt out to NOT participate.

CONTRACTOR: _____ _____
Date

Signature: _____

CITY: _____ _____
Date

Signature: _____

CUSTOMER: _____ _____
Phone Number

Signature: _____ _____
Date

Description of Proposed Work:

Sketch of Proposed Work:

CONTRACTOR: _____ _____
Date

Signature:_____

CUSTOMER: _____

Signature:_____ _____
Date

APPENDIX D
PERMITS

IEPA Sanitary Permit

RECEIVED
AUG 04 2025
CIORBA GROUP, INC

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL PERMIT

LOG NUMBERS: 2025-72514 **PERMIT NO.:** 2025-HB-72514

BUREAU ID: W0970500002

FINAL PLANS, SPECIFICATIONS, APPLICATION AND SUPPORTING DOCUMENTS

DATE ISSUED: JUL 31 2025

PREPARED BY: Ciorba Group

SUBJECT: HIGHLAND PARK—Sheridan Road Roadway and Utility Improvements (North Shore WRD – Gurnee Sewage Treatment Plant) - Sanitary Sewer Permit

PERMITTEE TO CONSTRUCT, OWN AND OPERATE

City of Highland Park
1150 Half Day Road
Highland Park, IL 60035-3266

Permit is hereby granted to the above designated permittee(s) to construct and/or operate water pollution control facilities described as follows (quantities are approximate):

932 feet of 6 inch service sewer, 646 feet of 8 inch sanitary sewer and 6 manholes to relocate the existing services to 7 single family dwelling buildings with no additional flow (0 PE, 0 GPD, DAF) located on Sheridan Road and discharging to the existing 8 inch sanitary sewer tributary to the above indicated sewage treatment plant.

This Permit is issued subject to the following Special Condition(s). If such Special Condition(s) require(s) additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval for issuance of a Supplemental Permit.

SPECIAL CONDITION 1: If this project is located within a wetlands, the U.S. Army Corps of Engineers may require a permit for construction pursuant to Section 404 of the Clean Water Act.

SPECIAL CONDITION 2: The Permittee to Construct shall be responsible for obtaining an NPDES Storm Water Permit prior to initiating construction if the construction activities associated with this project will result in the disturbance of one (1) or more acres total land area. Additional information is provided on the following webpage: *https://www2.illinois.gov/epa/topics/forms/water-permits/storm-water/Pages/construction.aspx*.

SPECIAL CONDITION 3: Any connections to this sanitary sewer extension must be in accordance with the latest Revisions of Title 35, Subtitle C, Chapter 1. Permits must be obtained if required by said regulations.

SPECIAL CONDITION 4: Horizontal and/or vertical separation between any sanitary sewers and water mains must be in conformance with Section 370.350 of the Illinois Recommended Standards for Sewage Works.

SPECIAL CONDITION 5: All service sewers shall be owned and operated by the owner of the building they serve.

THE STANDARD CONDITIONS OF ISSUANCE INDICATED ON THE REVERSE SIDE MUST BE COMPLIED WITH IN FULL. READ ALL CONDITIONS CAREFULLY.

BDF:SKT:n:\bow\permits\wpdocs\docs\permits\stateco n\tandon\2025-72514.docx SC

DIVISION OF WATER POLLUTION CONTROL

Brant D. Fleming

Brant D. Fleming, P.E.
Manager, Municipal Unit, Permit Section

cc: EPA-Des Plaines FOS
North Shore Water Reclamation District
Ciorba Group
Records - Municipal

READ ALL CONDITIONS CAREFULLY:
STANDARD CONDITIONS

The Illinois Environmental Protection Act (Illinois Revised statutes Chapter 111-12. Section 1039) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

1. Unless the construction for which this permit is issued has been completed, this permit will expire (1) two years after the date of issuance for permits to construct sewers or wastewater sources or (2) three years after the date of issuance for permits to construct treatment works or pretreatment works.

2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted by the Illinois Pollution Control Board.

3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications to the Agency and a supplemental written permit issued.

4. The permittee shall allow any agent duly authorized by the Agency upon the presentations of credentials.

   a. To enter at reasonable times, the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit;

   b. To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit;

   c. To inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated, and maintained under this permit;

   d. To obtain and remove at reasonable times samples of any discharge or emission of pollutants;

   e. To enter at reasonable times and utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit;

5. The issuance of this permit:

   a. Shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located;

   b. Does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;

   c. Does not release the permittee from compliance with other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances, and regulations;

   d. Does not take into consideration or attest to the structural stability of any units or parts of the project;

   e. In no manner implies or suggests that the Agency (or its offices, agents, or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility;

6. Unless a joint construction/operation permit has been issued, a permit for operating shall be obtained from the Agency before the facility or equipment covered by this permit is placed into operation.

7. These standard conditions shall prevail unless modified by special conditions.

8. The Agency may file a complaint with the Board for suspension or revocation of a permit;

   a. Upon discovery that the permit application contained misrepresentations, misinformation, or false statement or that all relevant facts were not disclosed; or

   b. Upon finding that any standard or special conditions have been violated; or

   c. Upon any violation of the Environmental Protection Act or any Rules or Regulation effective thereunder as a result of the construction or development authorized by this permit.

IEPA Water Permit

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
2420 West Iles Avenue; Post Office Box 19276; Springfield, IL 62794-9276

Division of Public Water Supplies Telephone 217/782-1724

PUBLIC WATER SUPPLY CONSTRUCTION PERMIT

SUBJECT: HIGHLAND PARK (IL0970500)

Permit Issued to:
City of Highland Park
1707 St. Johns Avenue
Highland Park, IL 60035

PERMIT NUMBER: 1218-FY2025

DATE ISSUED: May 27, 2025
PERMIT TYPE: Water Main Extension

The issuance of this permit is based on plans and specifications prepared by the engineers/architects indicated and are identified as follows. This permit is issued for the construction and/or installation of the public water supply improvements described in this document, in accordance with the provisions of the "Environmental Protection Act", Title IV, Sections 14 through 17, and Title X, Sections 39 and 40, and is subject to the conditions printed on the last page of this permit and the ADDITIONAL CONDITIONS listed below.

FIRM: Ciorba Group
NUMBER OF PLAN SHEETS: 22
TITLE OF PLANS: "Sheridan Road Roadway and Utility Improvements"
APPLICATION RECEIVED DATE: April 25, 2025

PROPOSED IMPROVEMENTS:

The installation of approximately 1087 feet of 8-inch water main.

ADDITIONAL CONDITIONS:

1. When replacing water mains with lead service lines or partial lead service lines connected to them, the owner or operator of the community water supply shall provide the owner or operator of each potentially affected building that is serviced by the affected lead service lines or partial lead service lines, as well as the occupants of those buildings, with an individual written notice. The lead informational notice shall be provided at least 14 days prior to permitted water main work. The notification provided by the community water supply must satisfy the requirements of Section 17.12(jj) of the Act, 415 ILCS 5/17.12(jj). A copy of the notice used must be submitted to the Agency with the Application for Operating Permit.

The owner or operator of a community water supply planning to partially replace only the supplier-owned portion of the lead service line must notify the service line's owner, or the owner's authorized agent, and any non-owner residents the service line serves at least 45 days before the replacement. The notice must explain that the supplier will replace the supplier-owned portion of the service line and offer to replace the customer-owned portion.

5. The permit approval is for the Application, Schedule B, and 22 plan sheets received on April 25, 2025.

CJ:JHK

cc: Ciorba Group
Elgin Regional Office
Lake County Health Department
IDPH/DEH – Plumbing and Water Quality Program

Chris Johnston DAR

Chris Johnston, P.E.
Manager Permit Section
Division of Public Water Supplies

POST-NOTIFCATION

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Dear Water Customer:_____ Today's Date:_____

A) Customers may experience a temporary increase of lead in their drinking water due to the lead service line replacement. Lead can cause serious health problems, especially for pregnant women and young children. Please read this information closely to see what you can do to reduce lead in your drinking water.

B) Health Effects of Lead. Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.

C) Sources of Lead

i) Lead is a common metal found throughout the environment in lead-based paint; air; soil; household dust; food; certain types of pottery, porcelain, and pewter; and water.

ii) Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and household plumbing. These materials include lead-based solder used to join copper pipe, brass and chrome plated brass faucets, and in some cases, pipes made of lead that connect your house to the water main (service lines). In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials to 8.0%.

iii) Lead exposure can also result from lead-based paint; air; soil; household dust; food; certain types of pottery, porcelain, and pewter; and water.

D) If a water test indicates that the drinking water drawn from a tap in your home contains lead above 15ppb, then you should take the following precautions:

i) Let the water run from the tap before using it for drinking or cooking any time the water in a faucet has gone unused for more than six hours. The longer water resides in your home's plumbing the more lead it may contain. Flushing the tap means running the cold water faucet until the water gets noticeably colder, usually about three minutes. If your house has a lead service line to the water main, you may have to flush the water for a longer time, perhaps five minutes, before drinking. Although toilet flushing or showering flushes water through a portion of your home's plumbing system, you still need to flush the water in each faucet before using it for drinking or cooking.

ii) Try not to cook with or drink water from the hot water tap. Hot water can dissolve more lead more quickly than cold water. If you need hot water, draw water from the cold tap and heat it on the stove. DO NOT USE HOT TAP WATER TO PREPARE BABY FORMULA.

iii) Boiling water does not reduce lead levels.

iv) You may want to consider purchasing bottled water or a water filter that is certified to remove "total lead". Clean and remove any faucet aerators on a regular basis.

v) Parents should have their child's blood tested for lead.

Lead Informational Notice

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Dear Water Customer: Today's Date:_____

This notice contains important information about your water service and may affect your rights. We encourage you to have this notice translated in full into a language you understand and before you make any decisions that may be required under this notice.

Diese Mitteilung beinhaltet wichtige Informationen über Ihre Wasserversorgung und könnte Ihre Rechte beeinflussen. Wir bitten Sie, dass Sie diese Mitteilung vollständig in eine Sprache übersetzen lassen, die Sie verstehen, bevor Sie eventuelle Entscheidungen treffen, welche im Zusammenhang mit dieser Benachrichtigung erforderlich sind.

Ang abisong ito ay naglalaman ng mahalagang impormasyon tungkol sa iyong serbisyo sa tubig at maaaring makaapekto sa iyong mga karapatan. Hinihikayat namin kayo na isalin nang buo ang abisong ito sa wikang naiintindihan ninyo at bago kayo gumawa ng anumang mga desisyon na maaaring kailanganin sa abisong ito.

આ સૂચનામાં તમારી પાણીની સેવા વિશે મહત્વપૂર્ણ માહિતી શામેલ છે અને તમારા અધિકારોને અસર કરી શકે છે. અમે તમને પ્રોત્સાહિત કરીએ છીએ કે તમે આ સૂચના હેઠળ જરૂરી હોય તેવા કોઈપણ નિર્ણયો લો તે પહેલાં તમે આ સૂચનાને તમે સમજો છો તે ભાષામાં સંપૂર્ણ ભાષાંતર કરો.

Niniejsze zawiadomienie zawiera ważne informacje na temat Państwa przyłącza wodociągowego i może mieć wpływ na Państwa prawa. Przed podjęciem jakichkolwiek decyzji, które mogą być wymagane na mocy niniejszego zawiadomienia, zachęcamy Państwa do przetłumaczenia całości niniejszego zawiadomienia na język, który będzie dla Państwa zrozumiały.

يحتوي هذا الإشعار على معلومات مهمة حول خدمة المياه لديك، وقد يؤثر على حقوقك. قبل اتخاذ أي قرارات قد تكون مطلوبة بموجب هذا الإشعار فإننا نشجعك على ترجمته بالكامل إلى لغة تفهمها.

اس نوٹس میں آپ کی پانی کی سروسز سے متعلق اہم ترین معلومات موجود ہیں اور یہ آپ کے حقوق کو متاثر کر سکتا ہے۔ ہم آپ کو ترغیب دیں گے کہ آپ اس نوٹس کا مکمل طور پر اس زبان میں ترجمہ کروائیں جو آپ سمجھتے ہوں اور ممکن ہے کہ آپ کے کوئی فیصلہ لینے سے قبل اس نوٹس کے تحت یہ درکار بھی ہو۔

Este aviso contiene información importante sobre su servicio de agua y puede afectar sus derechos. Lo animamos a que traduzca este aviso a un idioma que comprenda antes de tomar cualquier decisión que pueda ser necesaria en virtud del mismo.

이 통지서에는 귀하의 권리에 영향을 미칠 수 있는 수도 서비스에 관한 중요한 정보가 제시되어 있습니다. 이 통지서에서 요구하는 결정을 내리기 전에 이 통지서를 귀하가 이해할 수 있는 언어로 번역하시기 바랍니다.

本通知包含有关您的供水服务的重要信息，可能会影响到您的权利。在您做出本通知所要求的任何决定之前，我们鼓励您将本通知完整地翻译成您可理解的语言。

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Division of Public Water Supplies, Permit Section
Application for Operating Permit

*This form may be completed online, a copy saved locally and printed before it is signed. You may also complete a printed copy manually. Submit the completed and signed form to the **Illinois EPA, Division of Public Water Supplies, Permit Section** at the address listed above.*

Facility Name: HIGHLAND PARK
Facility ID: IL0970500
Address 1: 1707 ST. JOHNS AVENUE
Construction Permit No.: 1218-FY2025
Address 2:
Permit Type: Water Main
City: HIGHLAND PARK State: IL Zip Code: 60035
Date Permit Issued: May 27, 2025
County: Lake
Project Title: SHERIDAN ROAD ROADWAY AND UTILTY IMPROVEMENTS
Firm Name: CIORBA GROUP

Project Status: ◯ Final ◯ Partial

_____ Partial A, B, C, etc.

Application Requirements (check when complete):

☐ Permit Number, Facility Number, and Facility Name identified on the Lab Report(s).
☐ Sample results attached to the Application.
(If a new well was constructed, provide a copy of the sample results as required by Section II, Part g of the C-I application).
☐ For water main projects subject to Section 17.12 of the Act (415 ILCS 5/17.12), attach a statement on lead service lines and a copy of the lead informational notice (if one was distributed). See the instructions page for additional information.

If you select Partial, you must *also* submit the following items:

☐ Cover letter describing which sections were completed.
☐ General project layout plans.
☐ For water main projects, identify the length the Partial: _____ LF

Date of Project Completion: _____ (Provide the date construction was completed on the project or partial)

Certified Operator in Responsible Charge:

Name: _____ Classification: _____ Number: _____
Telephone: _____ Email (optional): _____

Owner of the Completed Project:

Name: _____ Title: _____ Telephone: _____
Address: _____ City: _____ State: ____ Zip Code: _____

The Owner hereby certifies that the project named and described has been constructed in accordance with plans and specifications approved by the Illinois EPA. See instructions for further information. For Verbal Approvals, please call 217-782-1724.

_____ Owner/Authorized Personnel Signature
_____ Date

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

FOR IEPA USE ONLY

This operating permit 1218-FY2025 issued on _____ is valid until revoked.
This permit is valid only for the work completed under the Construction Permit of the same number.

_____
Jaime Rabins, P.E.
Unit A Working Supervisor, Permit Section
Division of Public Water Supplies

NSWRD Sanitary Permits

North Shore Water Reclamation District
P.O. BOX 750, 14770 W. WM. KOEPSEL DRIVE GURNEE, ILLINOIS 60031-0750
Telephone: (847) 623-6060
Fax: (847) 623-2461
www.northshorewrd.org

NSWRD USE ONLY
PERMIT NO. 29125-E
PIN 1614401021
TOWNSHIP Moraine

PERMIT APPLICATION FOR A SANITARY SEWER EXTENSION

APPROVED
By Nick Wolf at 10:05 am, Aug 11, 2025

NAME OF APPLICANT (OWNER) City of Highland Park
MAILING ADDRESS 1150 Half Day Road
CITY, STATE, ZIP CODE Highland Park, IL, 60035
E-MAIL publicworks@cityhpil.com **TELEPHONE** 847.432.0807

NAME OF SEWER CONTRACTOR T.B.D.
MAILING ADDRESS
CITY, STATE, ZIP CODE
E-MAIL **TELEPHONE**

BRIEF PROJECT DESCRIPTION: Public utility improvements are proposed on Sheridan Road from Edgecliff Drive to the north limit near 2736 Sheridan Road. Improvements include 646 feet of new 8" sanitary sewer main and 1,005 feet of proposed 6" sanitary service lines. Sanitary services for seven of the homes on this block used to run through private property to connect to existing sanitary mains on Oak Street and on Edgecliff Drive. The proposed residential service lines represent redirected service rather than new service connections.

NOTE: SANITARY SEWER EXTENSION PERMIT APPLICATIONS SHALL BE SUBMITTED WITH ONE COPY OF THE CIVIL PLANS, WHICH ARE TO BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ILLINOIS, AND THE APPROPRIATE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY PERMIT APPLICATION AND SCHEDULES. ALL REQUIRED DOCUMENTATION SHALL BE SUBMITTED AND TESTS PERFORMED BEFORE FINAL APPROVAL OF THE WORK. THIS PERMIT APPLIES ONLY TO THE EXTENSION OF THE SANITARY SEWER. SANITARY SEWER CONNECTION PERMITS MUST BE OBTAINED SEPARATELY.

THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) TOGETHER WITH THE

CITY OF HIGHLAND PARK
(MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED)

MUST ALSO ISSUE A SEWER PERMIT FOR THE IMPROVEMENTS AS DETAILED IN THIS APPLICATION. ALL FEES AND REQUIREMENTS OF THE MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED MUST ALSO BE MET.

THE UNDERSIGNED HEREBY AGREES TO THE TERMS AND CONDITIONS LISTED ON PAGE 2 OF 3.

SIGNATURE OF APPLICANT OR AUTHORIZED AGENT — DATE 4/15/2025

Ron Bannon
NAME OF SIGNER *(PLEASE PRINT)*

APPLICANT OR AUTHORIZED AGENT PERSONALLY REPRESENTS AND WARRANTS THAT THEY HAVE THE FULL RIGHT, POWER AND AUTHORITY TO EXECUTE THIS PERMIT APPLICATION ON BEHALF OF OWNER.

SANITARY SEWER EXTENSION

For the purpose of procuring a permit from the North Shore Water Reclamation District (District or NSWRD) for the construction of a sanitary sewer extension the Applicant (Owner) does hereby represent, covenant and agree to and with the said District as stated below:

A. In accordance with Section 3.02 a) of the District's Ordinance Relating to Sewers and Sewer Systems, this permit shall expire on the expiration date of the Illinois Environmental Protection Agency permit which has been issued in conjunction with this permit.

B. That all work done pursuant to the permit herein applied for shall be strictly in conformity with, "An Ordinance Relating to Sewers and Sewer Systems" (a copy of which is available upon request, or may be downloaded at www.northshorewrd.org) regulating the design, construction, operation, maintenance and use of the proposed or existing sewer or sewer system, and with the description of the work herein contained, and with the plans and specifications for said work hereunto attached.

C. That Applicant shall restore all sewers, appurtenances, pavement and/or other structures or surfaces disturbed by the work of making connection to the sewerage work of the District, to as good condition as the same existed at the time of commencement of said work and in accordance with the regulations and easements of the District.

D. That Applicant shall indemnify and save harmless the District from any and all loss, cost, damage and expense which may come to the District by reason of or in any manner growing out of or connected with said work, or the resulting connection to and subsequent use of any facilities, provided, however, that the liability, if any, of the applicant to the District shall not be limited to the specific liabilities mentioned, but the Applicant shall in any event be liable to the District for any and all loss, cost, damage and/or expense of every kind and character arising from, growing out of and/or connected with such work or the resulting connections to and subsequent use of any facilities.

E. That in case of any suit, action or proceeding against the District for damages or on account of any liability or claim arising from, growing out of or in any way connected with said work, Applicant shall, on demand of the District, enter his or its appearance therein, defend the same and pay all the costs, attorneys' fees, solicitors' fees and expense thereof and the amount of any and all final judgments, decrees and/or awards against the District entered or made therein.

F. The Applicant or Applicant's sewer contractor agrees to notify the District and the municipality or public entity within whose jurisdiction the work will be performed at least forty-eight (48) hours prior to the commencement of the work to be done. Failure to do so will result in the assessment of the No Notification Fee, and could result in additional penalties, fines, and enforcement action up to and including termination of service.

G. The Applicant shall provide a water-tight plug at the point of connection of the sanitary sewer extension, for which this application is made, to the existing sewer or appurtenance. The purpose of the plug is to prevent any water or debris from the new construction from entering the existing system. The plug shall be maintained until the sanitary sewer extension has been inspected and approved.

H. Upon completion of the work, the Applicant shall obtain final approval from the municipality or public entity within whose jurisdiction the work is being performed and/or to whose sewer the sewer extension is connecting to. Any sewer extension not falling within the jurisdiction of any municipality or public entity or which connects directly to the facilities owned and operated by the District shall be approved by the District.

I. No connections shall be made to sanitary sewer until such time that final approval of the sanitary sewer extension is obtained and connection permits are issued by the District.

J. The Applicant hereby releases the District from any and all claims, causes of action and the like which might or may arise by virtue of this Application, any permit connection hereunder, any connection made as a result of said permit and any use of any facility or equipment of the District as a result of the foregoing, including but not limited to any act of the District or any failure of the District to act.

PLEASE DO NOT WRITE ON THIS PAGE--NSWRD USE ONLY

IS THIS PROJECT WITHIN THE PRESENT BOUNDARIES OF THE NSWRD? YES [X] NO [ ]

IF THE PROJECT IS WITHIN THE PRESENT BOUNDARIES: NSWRD ANNEX. NO. 001

IF THE PROJECT IS NOT WITHIN THE PRESENT BOUNDARIES, IS THE PROPERTY COVERED BY:

A. PRE-ANNEXATION AGREEMENT? YES [ ] NO [ ]

NSWRD PRE- ANNEX. NO. _____

TRIBUTARY TO:

GURNEE WRF [ ] WAUKEGAN WRF [ ] CLAVEY ROAD WRF [X]

POPULATION EQUIVALENT 24.5

IS A BOND REQUIRED? YES [ ] NO [X]

IEPA PERMIT NO. (1) 2025-HB-72514

APPLICATION APPROVED AND PERMIT ISSUED.

BY _____ DATE 8/11/25

NSWRD ENGINEERING DEPARTMENT

(1) REFER TO CONDITION A LISTED ON PAGE 2 OF 3 REGARDING EXPIRATION DATE OF PERMIT.

North Shore Water Reclamation District
P.O. BOX 750, 14770 W. WM. KOEPSEL DRIVE
GURNEE, ILLINOIS 60031-0750
Telephone: (847) 623-6060
Fax: (847) 623-2461
www.northshorewrd.org

NSWRD USE ONLY

PERMIT NO. 29167-S

PERMIT APPLICATION FOR A SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

APPROVED
By Isabella Sundt at 11:46 am, Aug 11, 2025

NAME OF APPLICANT (OWNER) City of Highland Park
MAILING ADDRESS 1150 Half Day Road
CITY, STATE, ZIP CODE Highland Park, IL 60035
E-MAIL publicworks@cityhpil.com **TELEPHONE** 847.432.0807

ADDRESS OF CONNECTION 2674 Sheridan Road
Highland Park, IL 60035
PROPERTY INDEX NUMBER (PIN) 1614401015 **TOWNSHIP** Moraine

NAME OF SEWER CONTRACTOR T.B.D.
MAILING ADDRESS
CITY, STATE, ZIP CODE
E-MAIL **TELEPHONE**

LEGAL DESCRIPTION OF PROPERTY: The legal description is included as an attachment to this application.

NOTE: COMPLETE SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION PERMIT APPLICATION SHALL CONSIST OF FULLY COMPLETED APPLICATION FORM ALONG WITH ALL SUBMITTALS AND DOCUMENTATION REQUIRED IN SECTION 4.04 a) OF THE DISTRICT'S ORDINANCE RELATING TO SEWERS AND SEWER SYSTEMS, AND ANY ADDITIONAL DATA REQUIRED BY THE DISTRICT. THE SKETCH MAY BE DRAWN ON PAGE 4 OF 4 OR ON A SEPARATE PAGE ATTACHED TO THE APPLICATION.IF THE RESIDENCE WILL HAVE A POOL, PLANS OF THE PROPOSED POOL SHALL BE SUBMITTED. THE POOL CAPACITY SHALL BE NOTED.

THE CITY OF HIGHLAND PARK
(MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED)

MUST ALSO ISSUE A SEWER PERMIT FOR THE IMPROVEMENTS AS DETAILED IN THIS APPLICATION. ALL FEES AND REQUIREMENTS OF THE MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED MUST ALSO BE MET.

THE UNDERSIGNED HEREBY AGREES TO THE TERMS AND CONDITIONS LISTED ON PAGE 2 OF 4.

Ron Bannon Digitally signed by Ron Bannon Date: 2025.05.05 09:11:05 -05'00' DATE 5.5.2025
SIGNATURE OF APPLICANT OR AUTHORIZED AGENT

RON BANNON
NAME OF SIGNER *(PLEASE PRINT)*

APPLICANT OR AUTHORIZED AGENT PERSONALLY REPRESENTS AND WARRANTS THAT THEY HAVE THE FULL RIGHT, POWER AND AUTHORITY TO EXECUTE THIS PERMIT APPLICATION ON BEHALF OF OWNER.

SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

For the purpose of procuring said permit the below signed does hereby represent, covenant and agree to and with the North Shore Water Reclamation District (District or NSWRD) as stated below:

A. That all work done pursuant to the permit herein applied for shall be strictly in conformity with, "An Ordinance Relating to Sewers and Sewer Systems" (a copy of which is available upon request, or may be downloaded at www.northshorewrd.org) regulating the design, construction, operation, maintenance and use of the proposed or existing sewer or sewer system, and with the description of the work herein contained, and with the plans and specifications for said work hereunto attached.

B. That Applicant shall restore all sewers, appurtenances, pavement and/or other structures or surfaces disturbed by the work of making connection to the sewerage work of the District, to as good condition as the same existed at the time of commencement of said work and in accordance with the regulations and easements of the District.

C. That Applicant shall indemnify and save harmless the District from any and all loss, cost, damage and expense which may come to the District by reason of or in any manner growing out of or connected with said work, or the resulting connection to and subsequent use of any facilities, provided, however, that the liability, if any, of the applicant to the District shall not be limited to the specific liabilities mentioned, but the Applicant shall in any event be liable to the District for any and all loss, cost, damage and/or expense of every kind and character arising from, growing out of and/or connected with such work or the resulting connections to and subsequent use of any facilities.

D. That in case of any suit, action or proceeding against the District for damages or on account of any liability or claim arising from, growing out of or in any way connected with said work, Applicant shall, on demand of the District, enter his or its appearance therein, defend the same and pay all the costs, attorneys' fees, solicitors' fees and expense thereof and the amount of any and all final judgments, decrees and/or awards against the District entered or made therein.

E. The Applicant or their sewer contractor agrees to notify the District and the municipality or public entity within whose jurisdiction the work will be performed at least forty-eight (48) hours prior to the commencement of the work to be done. Failure to do so will result in the assessment of the No Notification Fee, and could result in additional penalties, fines, and enforcement action up to and including termination of service.

F. The Applicant hereby releases the District from any and all claims, causes of action and the like which might or may arise by virtue of this Application, any permit connection hereunder, any connection made as a result of said permit and any use of any facility or equipment of the District as a result of the foregoing, including but not limited to any act of the District or any failure of the District to act.

PLEASE DO NOT WRITE ON THIS PAGE--NSWRD USE ONLY

IS THIS PROJECT WITHIN THE PRESENT BOUNDARIES OF THE NSWRD? YES ☒ NO ☐

IF THE PROJECT IS WITHIN THE PRESENT BOUNDARIES: NSWRD ANNEX. NO. 001

IF THE PROJECT IS NOT WITHIN THE PRESENT BOUNDARIES, IS THE PROPERTY COVERED BY:

A. PRE-ANNEXATION AGREEMENT? YES ☐ NO ☒ PROP ANNEX. NO. _____

TRIBUTARY TO:

GURNEE WRF ☐ WAUKEGAN WRF ☐ CLAVEY ROAD WRF ☒

POPULATION EQUIVALENT 3.5

IS A BOND REQUIRED? YES ☐ NO ☒

NAME OF LOCALITY Highland Park CONNECTION FEE $ 0

ANNEXATION/FAIR CAPITAL CONTRIBUTION FEE $ 0

POOL FEE $ 0

TOTAL FEE $ 0

PAYMENT OF N/A

(*WRITTEN*) N/A (*NUMBERS*)

TO THE NORTH SHORE WATER RECLAMATION DISTRICT IS ACKNOWLEDGED AND RECEIPTED FOR.

BY N/A DATE N/A

CHECK NO. N/A

==========

APPLICATION APPROVED AND PERMIT ISSUED.

BY Isabella Sundt DATE 08/11/2025

NSWRD ENGINEERING DEPARTMENT

SKETCH

AT A MINIMUM SKETCH SHALL INCLUDE THE FOLLOWING:

THE STREET AND STREET NAME ON WHICH THE RESIDENCE FACES; THE NEAREST CROSS STREET AND NAME; THE LOCATION OF THE HOUSE, SANITARY SEWER, AND PROPOSED SEWER SERVICE; SEWER SERVICE PIPE SIZE AND MATERIAL.

See the attached PROPOSED SERVICE CONNECTION PLAN (sheet #20) for the pipe location, size, and material.

NORTH



LEGAL DESCRIPTION OF THE PROPERTY:

16-14-401-015 - 2674 Sheridan Rd.

PARCEL 1:

THAT PART OF LOT 10 LYING WESTERLY OF SHERIDAN ROAD AS LAID OUT ON FEBRUARY 20, 1923 IN BLOCK 4 IN PORT CLINTON, BEING A SUBDIVISION OF PART OF THE SOUTH EAST 1/4 OF SECTION 14, TOWNSHIP 43 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, AS RECORDED JUNE 25, 1850 IN BOOK "N" OF DEEDS, PAGE 47, IN LAKE COUNTY, ILLINOIS.

PARCEL 2:

THE EASTERLY HALF OF VACATED ALLEY LYING WESTERLY OF AND ADJOINING LOT 10 IN BLOCK 4 IN PORT CLINTON AFORESAID, IN LAKE COUNTY, ILLINOIS.

City of Highland Park

Public Works Department

1150 Half Day Rd.
Highland Park, Illinois 60035
847.432.0807
cityhpil.com

Emily Silver
North Shore Water Reclamation District
14770 W. Wm. Koepsel Drive
PO Box 750
Gurnee, IL 60031

Dear Ms. Silver,

This letter concerns permit applications recently submitted for new single-family residential connections for the following addresses:

- 2674 Sheridan Road
- 2684 Sheridan Road
- 2693 Sheridan Road
- 2700 Sheridan Road
- 2714 Sheridan Road
- 2736 Sheridan Road
- 2744 Sheridan Road

Each of the residences listed above is currently served by North Shore Water Reclamation District and has an existing, active sewer connection. The new permit applications are related to the City's proposed construction for a new sanitary sewer main in Sheridan Road, north of Edgecliff Drive.

We wish to formally request a waiver of any new connection fees associated with these permit applications, given that these properties are already connected to and serviced by your sewer infrastructure. The existing connections signify that the capacity and infrastructure for these residences have already been accounted for within your system.

We are available to discuss this matter further and provide any additional documentation you may require to verify the existing service at these locations. Please feel free to contact me at 847.432.0807 or rbannon@cityhpil.com.

Thank you for your time and consideration of this request.

Sincerely,

Ron Bannon
Director of Public Works



North Shore Water Reclamation District
P.O. BOX 750, 14770 W. WM. KOEPSEL DRIVE
GURNEE, ILLINOIS 60031-0750
Telephone: (847) 623-6060
Fax: (847) 623-2461
www.northshorewrd.org

NSWRD USE ONLY

PERMIT NO. 29168-S

PERMIT APPLICATION FOR A SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

APPROVED
By Isabella Sundt at 11:46 am, Aug 11, 2025

NAME OF APPLICANT (OWNER) City of Highland Park
MAILING ADDRESS 1150 Half Day Road
CITY, STATE, ZIP CODE Highland Park, IL 60035
E-MAIL publicworks@cityhpil.com **TELEPHONE** 847.432.0807

ADDRESS OF CONNECTION 2684 Sheridan Road
Highland Park, IL 60035
PROPERTY INDEX NUMBER (PIN) 1614401014 **TOWNSHIP** Moraine

NAME OF SEWER CONTRACTOR T.B.D.
MAILING ADDRESS
CITY, STATE, ZIP CODE
E-MAIL **TELEPHONE**

LEGAL DESCRIPTION OF PROPERTY: The legal description is included as an attachment to this application.

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(MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED)

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THE UNDERSIGNED HEREBY AGREES TO THE TERMS AND CONDITIONS LISTED ON PAGE 2 OF 4.

Ron Bannon Digitally signed by Ron Bannon Date: 2025.05.05 09:12:00 -05'00' DATE 5.5.2025
SIGNATURE OF APPLICANT OR AUTHORIZED AGENT

RON BANNON
NAME OF SIGNER *(PLEASE PRINT)*

APPLICANT OR AUTHORIZED AGENT PERSONALLY REPRESENTS AND WARRANTS THAT THEY HAVE THE FULL RIGHT, POWER AND AUTHORITY TO EXECUTE THIS PERMIT APPLICATION ON BEHALF OF OWNER.

SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

For the purpose of procuring said permit the below signed does hereby represent, covenant and agree to and with the North Shore Water Reclamation District (District or NSWRD) as stated below:

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B. That Applicant shall restore all sewers, appurtenances, pavement and/or other structures or surfaces disturbed by the work of making connection to the sewerage work of the District, to as good condition as the same existed at the time of commencement of said work and in accordance with the regulations and easements of the District.

C. That Applicant shall indemnify and save harmless the District from any and all loss, cost, damage and expense which may come to the District by reason of or in any manner growing out of or connected with said work, or the resulting connection to and subsequent use of any facilities, provided, however, that the liability, if any, of the applicant to the District shall not be limited to the specific liabilities mentioned, but the Applicant shall in any event be liable to the District for any and all loss, cost, damage and/or expense of every kind and character arising from, growing out of and/or connected with such work or the resulting connections to and subsequent use of any facilities.

D. That in case of any suit, action or proceeding against the District for damages or on account of any liability or claim arising from, growing out of or in any way connected with said work, Applicant shall, on demand of the District, enter his or its appearance therein, defend the same and pay all the costs, attorneys' fees, solicitors' fees and expense thereof and the amount of any and all final judgments, decrees and/or awards against the District entered or made therein.

E. The Applicant or their sewer contractor agrees to notify the District and the municipality or public entity within whose jurisdiction the work will be performed at least forty-eight (48) hours prior to the commencement of the work to be done. Failure to do so will result in the assessment of the No Notification Fee, and could result in additional penalties, fines, and enforcement action up to and including termination of service.

F. The Applicant hereby releases the District from any and all claims, causes of action and the like which might or may arise by virtue of this Application, any permit connection hereunder, any connection made as a result of said permit and any use of any facility or equipment of the District as a result of the foregoing, including but not limited to any act of the District or any failure of the District to act.

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IS THIS PROJECT WITHIN THE PRESENT BOUNDARIES OF THE NSWRD? YES ☒ NO ☐

IF THE PROJECT IS WITHIN THE PRESENT BOUNDARIES: NSWRD ANNEX. NO. 001

IF THE PROJECT IS NOT WITHIN THE PRESENT BOUNDARIES, IS THE PROPERTY COVERED BY:

A. PRE-ANNEXATION AGREEMENT? YES ☐ NO ☒ PROP ANNEX. NO. _____

TRIBUTARY TO:

GURNEE WRF ☐ WAUKEGAN WRF ☐ CLAVEY ROAD WRF ☒

POPULATION EQUIVALENT 3.5

IS A BOND REQUIRED? YES ☐ NO ☒

NAME OF LOCALITY Highland Park CONNECTION FEE $ 0

ANNEXATION/FAIR CAPITAL CONTRIBUTION FEE $ 0

POOL FEE $ 0

TOTAL FEE $ 0

PAYMENT OF N/A

_____ N/A

(*WRITTEN*) (*NUMBERS*)

TO THE NORTH SHORE WATER RECLAMATION DISTRICT IS ACKNOWLEDGED AND RECEIPTED FOR.

BY N/A DATE N/A

CHECK NO. N/A

==========

APPLICATION APPROVED AND PERMIT ISSUED.

BY Isabella Sundt DATE 08/11/2025

NSWRD ENGINEERING DEPARTMENT

SKETCH

AT A MINIMUM SKETCH SHALL INCLUDE THE FOLLOWING:

THE STREET AND STREET NAME ON WHICH THE RESIDENCE FACES; THE NEAREST CROSS STREET AND NAME; THE LOCATION OF THE HOUSE, SANITARY SEWER, AND PROPOSED SEWER SERVICE; SEWER SERVICE PIPE SIZE AND MATERIAL.

See the attached PROPOSED SERVICE CONNECTION PLAN (sheet #20) for the pipe location, size, and material.

NORTH



LEGAL DESCRIPTION OF THE PROPERTY:

16-14-401-014 - 2684 Sheridan Rd.

PARCEL 1:

THAT PART OF LOT 9 LYING WESTERLY OF SHERIDAN ROAD AS LAID OUT ON FEBRUARY 20, 1923, IN BLOCK 4 IN PORT CLINTON, BEING A SUBDIVISION OF PART OF THE SOUTHEAST 1/4 OF SECTION 14, TOWNSHIP 43 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, AS RECORDED JUNE 26,1850, IN BOOK "N" OF DEEDS, PAGE 47, IN LAKE COUNTY, ILLINOIS.

PARCEL 2:

THE EASTERLY HALF OF THE VACATED ALLEY LYINIG WESTERLY OF AND ADJOINING LOT 9 IN BLOCK 4 IN PORT CLINTON, AFORESAID, IN LAKE COUNTY.

North Shore Water Reclamation District
P.O. BOX 750, 14770 W. WM. KOEPSEL DRIVE
GURNEE, ILLINOIS 60031-0750
Telephone: (847) 623-6060
Fax: (847) 623-2461
www.northshorewrd.org

NSWRD USE ONLY

PERMIT NO. 29169-S

PERMIT APPLICATION FOR A SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

APPROVED
By Isabella Sundt at 11:51 am, Aug 11, 2025

NAME OF APPLICANT (OWNER) City of Highland Park
MAILING ADDRESS 1150 Half Day Road
CITY, STATE, ZIP CODE Highland Park, IL 60035
E-MAIL publicworks@cityhpil.com **TELEPHONE** 847.432.0807

ADDRESS OF CONNECTION 2693 Sheridan Road
Highland Park, IL 60035
PROPERTY INDEX NUMBER (PIN) 1614401020 **TOWNSHIP** Moraine

NAME OF SEWER CONTRACTOR T.B.D.
MAILING ADDRESS
CITY, STATE, ZIP CODE
E-MAIL **TELEPHONE**

LEGAL DESCRIPTION OF PROPERTY: The legal description is included as an attachment to this application.

NOTE: COMPLETE SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION PERMIT APPLICATION SHALL CONSIST OF FULLY COMPLETED APPLICATION FORM ALONG WITH ALL SUBMITTALS AND DOCUMENTATION REQUIRED IN SECTION 4.04 a) OF THE DISTRICT'S ORDINANCE RELATING TO SEWERS AND SEWER SYSTEMS, AND ANY ADDITIONAL DATA REQUIRED BY THE DISTRICT. THE SKETCH MAY BE DRAWN ON PAGE 4 OF 4 OR ON A SEPARATE PAGE ATTACHED TO THE APPLICATION.IF THE RESIDENCE WILL HAVE A POOL, PLANS OF THE PROPOSED POOL SHALL BE SUBMITTED. THE POOL CAPACITY SHALL BE NOTED.

THE CITY OF HIGHLAND PARK
(MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED)

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THE UNDERSIGNED HEREBY AGREES TO THE TERMS AND CONDITIONS LISTED ON PAGE 2 OF 4.

Ron Bannon Digitally signed by Ron Bannon Date: 2025.05.08 18:09:36 -05'00' DATE 5.8.2025
SIGNATURE OF APPLICANT OR AUTHORIZED AGENT

RON BANNON
NAME OF SIGNER *(PLEASE PRINT)*

APPLICANT OR AUTHORIZED AGENT PERSONALLY REPRESENTS AND WARRANTS THAT THEY HAVE THE FULL RIGHT, POWER AND AUTHORITY TO EXECUTE THIS PERMIT APPLICATION ON BEHALF OF OWNER.

SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

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B. That Applicant shall restore all sewers, appurtenances, pavement and/or other structures or surfaces disturbed by the work of making connection to the sewerage work of the District, to as good condition as the same existed at the time of commencement of said work and in accordance with the regulations and easements of the District.

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D. That in case of any suit, action or proceeding against the District for damages or on account of any liability or claim arising from, growing out of or in any way connected with said work, Applicant shall, on demand of the District, enter his or its appearance therein, defend the same and pay all the costs, attorneys' fees, solicitors' fees and expense thereof and the amount of any and all final judgments, decrees and/or awards against the District entered or made therein.

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PLEASE DO NOT WRITE ON THIS PAGE--NSWRD USE ONLY

IS THIS PROJECT WITHIN THE PRESENT BOUNDARIES OF THE NSWRD? YES ☒ NO ☐

IF THE PROJECT IS WITHIN THE PRESENT BOUNDARIES: NSWRD ANNEX. NO. 001

IF THE PROJECT IS NOT WITHIN THE PRESENT BOUNDARIES, IS THE PROPERTY COVERED BY:

A. PRE-ANNEXATION AGREEMENT? YES ☐ NO ☒ PROP ANNEX. NO. _____

TRIBUTARY TO:

GURNEE WRF ☐ WAUKEGAN WRF ☐ CLAVEY ROAD WRF ☒

POPULATION EQUIVALENT 3.5

IS A BOND REQUIRED? YES ☐ NO ☒

NAME OF LOCALITY Highland Park CONNECTION FEE $ 0

ANNEXATION/FAIR CAPITAL CONTRIBUTION FEE $ 0

POOL FEE $ 0

TOTAL FEE $ 0

PAYMENT OF N/A

_____ N/A

(*WRITTEN*) (*NUMBERS*)

TO THE NORTH SHORE WATER RECLAMATION DISTRICT IS ACKNOWLEDGED AND RECEIPTED FOR.

BY N/A DATE N/A

CHECK NO. N/A

==========

APPLICATION APPROVED AND PERMIT ISSUED.

BY Isabella Sundt DATE 08/11/2025

NSWRD ENGINEERING DEPARTMENT

SKETCH

AT A MINIMUM SKETCH SHALL INCLUDE THE FOLLOWING:

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See the attached PROPOSED SERVICE CONNECTION PLAN (sheet #20) for the pipe location, size, and material.

NORTH



LEGAL DESCRIPTION OF THE PROPERTY:

16-14-401-020 - 2693 Sheridan Rd.

ALL THOSE PARTS OF LOTS 9, 10, 11, 12 AND 13 IN BLOCK 4 IN PORT CLINTON (ACCORDING TO THE PLAT THEREOF RECORDED JUNE 25, 1850 IN BOOK N OF DEEDS PAGE 47) AND THAT PART OF LAKE STREET (VACATED ON MAY 24,1887) AND THAT PART OF THE SOUTHEAST QUARTER OF SECTION 14, TOWNSHIP 43 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE EAST LINE OF SHERIDAN ROAD (AS LAID OUT ON FEBRUARY 20, 1923 AND BEING 45.6 FEET EAST FROM THE WEST LINE OF LOT 13 IN SAID BLOCK 4) AT A POINT 122.54 FEET NORTH OF THE NORTH LINE OF EDGECHFF AVENUE (FORMERLY BROADWAY AVENUE); RUNNING THENCE NORTHERLY AND EASTERLY ALONG THE EASTERLY LINE OF SAID SHERIDAN ROAD TO A POINT 68.17 FEET DUE EAST FROM THE SOUTHEAST CORNER OF LOT 7 IN BLOCK 4, IN PORT CLINTON AFORESAID; THENCE RUNNING DUE EAST TO THE MARGIN OF LAKE MICHIGAN; THENCE SOUTHEASTERLY ALONG THE MARGIN OF LAKE MICHIGAN TO A POINT 122.54 FEET NORTH OF THE NORTH LINE OF SAID EDGECLIFF AVENUE (FORMERLY BROADWAY AVENUE) MEASURED PARALLEL TO THE EAST LINE OF SAID SHERIDAN ROAD; THENCE WEST ALONG A LINE PARALLEL WITH SAID NORTH LINE OF SAID EDGECLIFF AVENUE TO THE PLACE OF BEGINNING, IN LAKE COUNTY, ILLINOIS.

North Shore Water Reclamation District
P.O. BOX 750, 14770 W. WM. KOEPSEL DRIVE
GURNEE, ILLINOIS 60031-0750
Telephone: (847) 623-6060
Fax: (847) 623-2461
www.northshorewrd.org

NSWRD USE ONLY

PERMIT NO. 29170-S

PERMIT APPLICATION FOR A SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

APPROVED
By Isabella Sundt at 11:54 am, Aug 11, 2025

NAME OF APPLICANT (OWNER) City of Highland Park
MAILING ADDRESS 1150 Half Day Road
CITY, STATE, ZIP CODE Highland Park, IL 60035
E-MAIL publicworks@cityhpil.com **TELEPHONE** 847.432.0807

ADDRESS OF CONNECTION 2700 Sheridan Road
Highland Park, IL 60035
PROPERTY INDEX NUMBER (PIN) 1614401013 **TOWNSHIP** Moraine

NAME OF SEWER CONTRACTOR T.B.D.
MAILING ADDRESS
CITY, STATE, ZIP CODE
E-MAIL **TELEPHONE**

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THE CITY OF HIGHLAND PARK
(MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED)

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Ron Bannon Digitally signed by Ron Bannon Date: 2025.05.05 09:13:11 -05'00' DATE 5.5.2025
SIGNATURE OF APPLICANT OR AUTHORIZED AGENT

RON BANNON
NAME OF SIGNER *(PLEASE PRINT)*

APPLICANT OR AUTHORIZED AGENT PERSONALLY REPRESENTS AND WARRANTS THAT THEY HAVE THE FULL RIGHT, POWER AND AUTHORITY TO EXECUTE THIS PERMIT APPLICATION ON BEHALF OF OWNER.

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C. That Applicant shall indemnify and save harmless the District from any and all loss, cost, damage and expense which may come to the District by reason of or in any manner growing out of or connected with said work, or the resulting connection to and subsequent use of any facilities, provided, however, that the liability, if any, of the applicant to the District shall not be limited to the specific liabilities mentioned, but the Applicant shall in any event be liable to the District for any and all loss, cost, damage and/or expense of every kind and character arising from, growing out of and/or connected with such work or the resulting connections to and subsequent use of any facilities.

D. That in case of any suit, action or proceeding against the District for damages or on account of any liability or claim arising from, growing out of or in any way connected with said work, Applicant shall, on demand of the District, enter his or its appearance therein, defend the same and pay all the costs, attorneys' fees, solicitors' fees and expense thereof and the amount of any and all final judgments, decrees and/or awards against the District entered or made therein.

E. The Applicant or their sewer contractor agrees to notify the District and the municipality or public entity within whose jurisdiction the work will be performed at least forty-eight (48) hours prior to the commencement of the work to be done. Failure to do so will result in the assessment of the No Notification Fee, and could result in additional penalties, fines, and enforcement action up to and including termination of service.

F. The Applicant hereby releases the District from any and all claims, causes of action and the like which might or may arise by virtue of this Application, any permit connection hereunder, any connection made as a result of said permit and any use of any facility or equipment of the District as a result of the foregoing, including but not limited to any act of the District or any failure of the District to act.

PLEASE DO NOT WRITE ON THIS PAGE--NSWRD USE ONLY

IS THIS PROJECT WITHIN THE PRESENT BOUNDARIES OF THE NSWRD? YES ☒ NO ☐

IF THE PROJECT IS WITHIN THE PRESENT BOUNDARIES: NSWRD ANNEX. NO. 001

IF THE PROJECT IS NOT WITHIN THE PRESENT BOUNDARIES, IS THE PROPERTY COVERED BY:
A. PRE-ANNEXATION AGREEMENT? YES ☐ NO ☒ PROP ANNEX. NO. _____

TRIBUTARY TO:
GURNEE WRF ☐ WAUKEGAN WRF ☐ CLAVEY ROAD WRF ☒

POPULATION EQUIVALENT 3.5

IS A BOND REQUIRED? YES ☐ NO ☒

NAME OF LOCALITY Highland Park CONNECTION FEE $ 0

ANNEXATION/FAIR CAPITAL CONTRIBUTION FEE $ 0

POOL FEE $ 0

TOTAL FEE $ 0

PAYMENT OF N/A

_____ N/A
(*WRITTEN*) (*NUMBERS*)

TO THE NORTH SHORE WATER RECLAMATION DISTRICT IS ACKNOWLEDGED AND RECEIPTED FOR.

BY N/A DATE N/A

CHECK NO. N/A

==========

APPLICATION APPROVED AND PERMIT ISSUED.

BY Isabella Sundt DATE 08/11/2025
NSWRD ENGINEERING DEPARTMENT

SKETCH

AT A MINIMUM SKETCH SHALL INCLUDE THE FOLLOWING:

THE STREET AND STREET NAME ON WHICH THE RESIDENCE FACES; THE NEAREST CROSS STREET AND NAME; THE LOCATION OF THE HOUSE, SANITARY SEWER, AND PROPOSED SEWER SERVICE; SEWER SERVICE PIPE SIZE AND MATERIAL.

See the attached PROPOSED SERVICE CONNECTION PLAN (sheet #20) for the pipe location, size, and material.

NORTH



LEGAL DESCRIPTION OF THE PROPERTY:

16-14-401-013 - 2700 Sheridan Rd.

LOT 8 (EXCEPT THAT PART TAKEN FOR SHERIDAN ROAD) AND THE SOUTH HALF OF LOT 7 IN BLOCK 4 IN PORT CLINTON, ACCORDING TO THE PLAT THEREOF, RECORDED JUNE 25, 1850 INBOOK “N” OF DEEDS, PAGE 47; ALSO THE EAST HALF OFTHE VACATED UNION ALLEY ADJOINING SAID LOT 8 (EXCEPT THAT PART TAKEN FOR SHERIDAN ROAD) AND THE SOUTH HALF OF LOT 7, IN LAKE COUNTY, ILLINOIS.

North Shore Water Reclamation District
P.O. BOX 750, 14770 W. WM. KOEPSEL DRIVE
GURNEE, ILLINOIS 60031-0750
Telephone: (847) 623-6060
Fax: (847) 623-2461
www.northshorewrd.org

NSWRD USE ONLY

PERMIT NO. 29171-S

PERMIT APPLICATION FOR A SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

APPROVED
By Isabella Sundt at 11:56 am, Aug 11, 2025

NAME OF APPLICANT (OWNER) City of Highland Park
MAILING ADDRESS 1150 Half Day Road
CITY, STATE, ZIP CODE Highland Park, IL 60035
E-MAIL publicworks@cityhpil.com **TELEPHONE** 847.432.0807

ADDRESS OF CONNECTION 2714 Sheridan Road
Highland Park, IL 60035
PROPERTY INDEX NUMBER (PIN) 1614401012 **TOWNSHIP** Moraine

NAME OF SEWER CONTRACTOR T.B.D.
MAILING ADDRESS
CITY, STATE, ZIP CODE
E-MAIL **TELEPHONE**

LEGAL DESCRIPTION OF PROPERTY: The legal description is included as an attachment to this application.

NOTE: COMPLETE SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION PERMIT APPLICATION SHALL CONSIST OF FULLY COMPLETED APPLICATION FORM ALONG WITH ALL SUBMITTALS AND DOCUMENTATION REQUIRED IN SECTION 4.04 a) OF THE DISTRICT'S ORDINANCE RELATING TO SEWERS AND SEWER SYSTEMS, AND ANY ADDITIONAL DATA REQUIRED BY THE DISTRICT. THE SKETCH MAY BE DRAWN ON PAGE 4 OF 4 OR ON A SEPARATE PAGE ATTACHED TO THE APPLICATION.IF THE RESIDENCE WILL HAVE A POOL, PLANS OF THE PROPOSED POOL SHALL BE SUBMITTED. THE POOL CAPACITY SHALL BE NOTED.

THE CITY OF HIGHLAND PARK
(MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED)

MUST ALSO ISSUE A SEWER PERMIT FOR THE IMPROVEMENTS AS DETAILED IN THIS APPLICATION. ALL FEES AND REQUIREMENTS OF THE MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED MUST ALSO BE MET.

THE UNDERSIGNED HEREBY AGREES TO THE TERMS AND CONDITIONS LISTED ON PAGE 2 OF 4.

Ron Bannon Digitally signed by Ron Bannon Date: 2025.05.05 09:13:41 -05'00' DATE 5.5.2025
SIGNATURE OF APPLICANT OR AUTHORIZED AGENT

RON BANNON
NAME OF SIGNER *(PLEASE PRINT)*

APPLICANT OR AUTHORIZED AGENT PERSONALLY REPRESENTS AND WARRANTS THAT THEY HAVE THE FULL RIGHT, POWER AND AUTHORITY TO EXECUTE THIS PERMIT APPLICATION ON BEHALF OF OWNER.

SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

For the purpose of procuring said permit the below signed does hereby represent, covenant and agree to and with the North Shore Water Reclamation District (District or NSWRD) as stated below:

A. That all work done pursuant to the permit herein applied for shall be strictly in conformity with, "An Ordinance Relating to Sewers and Sewer Systems" (a copy of which is available upon request, or may be downloaded at www.northshorewrd.org) regulating the design, construction, operation, maintenance and use of the proposed or existing sewer or sewer system, and with the description of the work herein contained, and with the plans and specifications for said work hereunto attached.

B. That Applicant shall restore all sewers, appurtenances, pavement and/or other structures or surfaces disturbed by the work of making connection to the sewerage work of the District, to as good condition as the same existed at the time of commencement of said work and in accordance with the regulations and easements of the District.

C. That Applicant shall indemnify and save harmless the District from any and all loss, cost, damage and expense which may come to the District by reason of or in any manner growing out of or connected with said work, or the resulting connection to and subsequent use of any facilities, provided, however, that the liability, if any, of the applicant to the District shall not be limited to the specific liabilities mentioned, but the Applicant shall in any event be liable to the District for any and all loss, cost, damage and/or expense of every kind and character arising from, growing out of and/or connected with such work or the resulting connections to and subsequent use of any facilities.

D. That in case of any suit, action or proceeding against the District for damages or on account of any liability or claim arising from, growing out of or in any way connected with said work, Applicant shall, on demand of the District, enter his or its appearance therein, defend the same and pay all the costs, attorneys' fees, solicitors' fees and expense thereof and the amount of any and all final judgments, decrees and/or awards against the District entered or made therein.

E. The Applicant or their sewer contractor agrees to notify the District and the municipality or public entity within whose jurisdiction the work will be performed at least forty-eight (48) hours prior to the commencement of the work to be done. Failure to do so will result in the assessment of the No Notification Fee, and could result in additional penalties, fines, and enforcement action up to and including termination of service.

F. The Applicant hereby releases the District from any and all claims, causes of action and the like which might or may arise by virtue of this Application, any permit connection hereunder, any connection made as a result of said permit and any use of any facility or equipment of the District as a result of the foregoing, including but not limited to any act of the District or any failure of the District to act.

PLEASE DO NOT WRITE ON THIS PAGE--NSWRD USE ONLY

IS THIS PROJECT WITHIN THE PRESENT BOUNDARIES OF THE NSWRD? YES ☒ NO ☐

IF THE PROJECT IS WITHIN THE PRESENT BOUNDARIES: NSWRD ANNEX. NO. 001

IF THE PROJECT IS NOT WITHIN THE PRESENT BOUNDARIES, IS THE PROPERTY COVERED BY:

A. PRE-ANNEXATION AGREEMENT? YES ☐ NO ☒ PROP ANNEX. NO. _____

TRIBUTARY TO:

GURNEE WRF ☐ WAUKEGAN WRF ☐ CLAVEY ROAD WRF ☒

POPULATION EQUIVALENT 3.5

IS A BOND REQUIRED? YES ☐ NO ☒

NAME OF LOCALITY Highland Park CONNECTION FEE $ 0

ANNEXATION/FAIR CAPITAL CONTRIBUTION FEE $ 0

POOL FEE $ 0

TOTAL FEE $ 0

PAYMENT OF N/A

(*WRITTEN*) N/A (*NUMBERS*)

TO THE NORTH SHORE WATER RECLAMATION DISTRICT IS ACKNOWLEDGED AND RECEIPTED FOR.

BY N/A DATE N/A

CHECK NO. N/A

==========

APPLICATION APPROVED AND PERMIT ISSUED.

BY Isabella Sundt DATE 08/11/2025

NSWRD ENGINEERING DEPARTMENT

SKETCH

AT A MINIMUM SKETCH SHALL INCLUDE THE FOLLOWING:

THE STREET AND STREET NAME ON WHICH THE RESIDENCE FACES; THE NEAREST CROSS STREET AND NAME; THE LOCATION OF THE HOUSE, SANITARY SEWER, AND PROPOSED SEWER SERVICE; SEWER SERVICE PIPE SIZE AND MATERIAL.

See the attached PROPOSED SERVICE CONNECTION PLAN (sheet #21) for the pipe location, size, and material.

NORTH



LEGAL DESCRIPTION OF THE PROPERTY:

16-14-401-012 - 2714 Sheridan Rd.

LOT 6 AND THE NORTH HALF OF LOT 7 TOGETHER WITH THE EAST HALF OF THE ALLEY LYING WEST OF AND ADJOINING SAID LOT 6 AND THE NORTH HALF OFLOT 7, IN BLOCK 4 IN PORT CLINTON, A SUBDIVISION IN THE SOUTH EAST QUARTER OF SECTION 14, TOWNSHIP 43 NORTH, RANGE 12, EAST OFTHE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JUNE 25, 1850 IN BOOK “N”OFDEEDS, PAGE 47, IN LAKE COUNTY, ILLINOIS.

North Shore Water Reclamation District
P.O. BOX 750, 14770 W. WM. KOEPSEL DRIVE
GURNEE, ILLINOIS 60031-0750
Telephone: (847) 623-6060
Fax: (847) 623-2461
www.northshorewrd.org

NSWRD USE ONLY

PERMIT NO. 29172-S

PERMIT APPLICATION FOR A SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

APPROVED
By Isabella Sundt at 11:58 am, Aug 11, 2025

NAME OF APPLICANT (OWNER) City of Highland Park
MAILING ADDRESS 1150 Half Day Road
CITY, STATE, ZIP CODE Highland Park, IL 60035
E-MAIL publicworks@cityhpil.com **TELEPHONE** 847.432.0807

ADDRESS OF CONNECTION 2736 Sheridan Road
Highland Park, IL 60035
PROPERTY INDEX NUMBER (PIN) 1614401011 **TOWNSHIP** Moraine

NAME OF SEWER CONTRACTOR T.B.D.
MAILING ADDRESS
CITY, STATE, ZIP CODE
E-MAIL **TELEPHONE**

LEGAL DESCRIPTION OF PROPERTY: The legal description is included as an attachment to this application.

NOTE: COMPLETE SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION PERMIT APPLICATION SHALL CONSIST OF FULLY COMPLETED APPLICATION FORM ALONG WITH ALL SUBMITTALS AND DOCUMENTATION REQUIRED IN SECTION 4.04 a) OF THE DISTRICT'S ORDINANCE RELATING TO SEWERS AND SEWER SYSTEMS, AND ANY ADDITIONAL DATA REQUIRED BY THE DISTRICT. THE SKETCH MAY BE DRAWN ON PAGE 4 OF 4 OR ON A SEPARATE PAGE ATTACHED TO THE APPLICATION.IF THE RESIDENCE WILL HAVE A POOL, PLANS OF THE PROPOSED POOL SHALL BE SUBMITTED. THE POOL CAPACITY SHALL BE NOTED.

THE CITY OF HIGHLAND PARK
(MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED)

MUST ALSO ISSUE A SEWER PERMIT FOR THE IMPROVEMENTS AS DETAILED IN THIS APPLICATION. ALL FEES AND REQUIREMENTS OF THE MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED MUST ALSO BE MET.

THE UNDERSIGNED HEREBY AGREES TO THE TERMS AND CONDITIONS LISTED ON PAGE 2 OF 4.

Ron Bannon Digitally signed by Ron Bannon Date: 2025.05.05 09:14:20 -05'00' DATE 5.5.2025
SIGNATURE OF APPLICANT OR AUTHORIZED AGENT

RON BANNON
NAME OF SIGNER *(PLEASE PRINT)*

APPLICANT OR AUTHORIZED AGENT PERSONALLY REPRESENTS AND WARRANTS THAT THEY HAVE THE FULL RIGHT, POWER AND AUTHORITY TO EXECUTE THIS PERMIT APPLICATION ON BEHALF OF OWNER.

SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

For the purpose of procuring said permit the below signed does hereby represent, covenant and agree to and with the North Shore Water Reclamation District (District or NSWRD) as stated below:

A. That all work done pursuant to the permit herein applied for shall be strictly in conformity with, "An Ordinance Relating to Sewers and Sewer Systems" (a copy of which is available upon request, or may be downloaded at www.northshorewrd.org) regulating the design, construction, operation, maintenance and use of the proposed or existing sewer or sewer system, and with the description of the work herein contained, and with the plans and specifications for said work hereunto attached.

B. That Applicant shall restore all sewers, appurtenances, pavement and/or other structures or surfaces disturbed by the work of making connection to the sewerage work of the District, to as good condition as the same existed at the time of commencement of said work and in accordance with the regulations and easements of the District.

C. That Applicant shall indemnify and save harmless the District from any and all loss, cost, damage and expense which may come to the District by reason of or in any manner growing out of or connected with said work, or the resulting connection to and subsequent use of any facilities, provided, however, that the liability, if any, of the applicant to the District shall not be limited to the specific liabilities mentioned, but the Applicant shall in any event be liable to the District for any and all loss, cost, damage and/or expense of every kind and character arising from, growing out of and/or connected with such work or the resulting connections to and subsequent use of any facilities.

D. That in case of any suit, action or proceeding against the District for damages or on account of any liability or claim arising from, growing out of or in any way connected with said work, Applicant shall, on demand of the District, enter his or its appearance therein, defend the same and pay all the costs, attorneys' fees, solicitors' fees and expense thereof and the amount of any and all final judgments, decrees and/or awards against the District entered or made therein.

E. The Applicant or their sewer contractor agrees to notify the District and the municipality or public entity within whose jurisdiction the work will be performed at least forty-eight (48) hours prior to the commencement of the work to be done. Failure to do so will result in the assessment of the No Notification Fee, and could result in additional penalties, fines, and enforcement action up to and including termination of service.

F. The Applicant hereby releases the District from any and all claims, causes of action and the like which might or may arise by virtue of this Application, any permit connection hereunder, any connection made as a result of said permit and any use of any facility or equipment of the District as a result of the foregoing, including but not limited to any act of the District or any failure of the District to act.

PLEASE DO NOT WRITE ON THIS PAGE--NSWRD USE ONLY

IS THIS PROJECT WITHIN THE PRESENT BOUNDARIES OF THE NSWRD? YES ☒ NO ☐

IF THE PROJECT IS WITHIN THE PRESENT BOUNDARIES: NSWRD ANNEX. NO. 001

IF THE PROJECT IS NOT WITHIN THE PRESENT BOUNDARIES, IS THE PROPERTY COVERED BY:
A. PRE-ANNEXATION AGREEMENT? YES ☐ NO ☒ PROP ANNEX. NO. _____

TRIBUTARY TO:
GURNEE WRF ☐ WAUKEGAN WRF ☐ CLAVEY ROAD WRF ☒

POPULATION EQUIVALENT 3.5

IS A BOND REQUIRED? YES ☐ NO ☒

NAME OF LOCALITY Highland Park CONNECTION FEE $ 0

ANNEXATION/FAIR CAPITAL CONTRIBUTION FEE $ 0

POOL FEE $ 0

TOTAL FEE $ 0

PAYMENT OF N/A

_____ N/A
(*WRITTEN*) (*NUMBERS*)

TO THE NORTH SHORE WATER RECLAMATION DISTRICT IS ACKNOWLEDGED AND RECEIPTED FOR.

BY N/A DATE N/A

CHECK NO. N/A

==========

APPLICATION APPROVED AND PERMIT ISSUED.

BY Isabella Sundt DATE 08/11/2025
NSWRD ENGINEERING DEPARTMENT

SKETCH

AT A MINIMUM SKETCH SHALL INCLUDE THE FOLLOWING:

THE STREET AND STREET NAME ON WHICH THE RESIDENCE FACES; THE NEAREST CROSS STREET AND NAME; THE LOCATION OF THE HOUSE, SANITARY SEWER, AND PROPOSED SEWER SERVICE; SEWER SERVICE PIPE SIZE AND MATERIAL.

See the attached PROPOSED SERVICE CONNECTION PLAN (sheet #21) for the pipe location, size, and material.

NORTH



LEGAL DESCRIPTION OF THE PROPERTY:

16-14-401-011 – 2736 Sheridan Rd.

PARCEL 1:

LOT 5 AND THAT PART OFLOT 4 LYING SOUTH OF A STRAIGHT LINE DRAWN FROM A POINT ON THE WEST LINE OF LOT 4 WHICH IS MIDWAY BETWEEN THE NORTH AND SOUTH LINES OF LOT 4 TO A POINT IN THE EASTERLY LINE OFLOT 4 WHICH IS MIDWAY BETWEEN THE NORTH AND SOUTH LINES OF LOT 4, AS MEASURED ONTHE EASTERLY LINE OFLOT 4 IN BLOCK 4 IN PORT CLINTON, IN THE SOUTH HALF OF SECTION 14, TOWNSHIP 43 NORTH, RANGE 12, EAST OFTHE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JUNE 25, 1850, IN BOOK “N” OF DEEDS, PAGE 47, IN LAKE COUNTY, ILLINOIS.

PARCEL 2:

THE EASTERLY HALF OF VACATED ALLEY LYING WESTERLY OF AND ADJOINING PARCEL 1 AFORESAID, AS VACATED BY ORDINANCE RECORDED AUGUST 29, 1907 AS DOCUMENT 113589, IN LAKE COUNTY, ILLINOIS.

North Shore Water Reclamation District
P.O. BOX 750, 14770 W. WM. KOEPSEL DRIVE
GURNEE, ILLINOIS 60031-0750
Telephone: (847) 623-6060
Fax: (847) 623-2461
www.northshorewrd.org

NSWRD USE ONLY

PERMIT NO. 29173-S

PERMIT APPLICATION FOR A SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

APPROVED
By Isabella Sundt at 12:01 pm, Aug 11, 2025

NAME OF APPLICANT (OWNER) City of Highland Park
MAILING ADDRESS 1150 Half Day Road
CITY, STATE, ZIP CODE Highland Park, IL 60035
E-MAIL publicworks@cityhpil.com **TELEPHONE** 847.432.0807

ADDRESS OF CONNECTION 2744 Sheridan Road
Highland Park, IL 60035
PROPERTY INDEX NUMBER (PIN) 1614401025 **TOWNSHIP** Moraine

NAME OF SEWER CONTRACTOR T.B.D.
MAILING ADDRESS
CITY, STATE, ZIP CODE
E-MAIL **TELEPHONE**

LEGAL DESCRIPTION OF PROPERTY: The legal description is included as an attachment to this application.

NOTE: COMPLETE SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION PERMIT APPLICATION SHALL CONSIST OF FULLY COMPLETED APPLICATION FORM ALONG WITH ALL SUBMITTALS AND DOCUMENTATION REQUIRED IN SECTION 4.04 a) OF THE DISTRICT'S ORDINANCE RELATING TO SEWERS AND SEWER SYSTEMS, AND ANY ADDITIONAL DATA REQUIRED BY THE DISTRICT. THE SKETCH MAY BE DRAWN ON PAGE 4 OF 4 OR ON A SEPARATE PAGE ATTACHED TO THE APPLICATION.IF THE RESIDENCE WILL HAVE A POOL, PLANS OF THE PROPOSED POOL SHALL BE SUBMITTED. THE POOL CAPACITY SHALL BE NOTED.

THE CITY OF HIGHLAND PARK
(MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED)

MUST ALSO ISSUE A SEWER PERMIT FOR THE IMPROVEMENTS AS DETAILED IN THIS APPLICATION. ALL FEES AND REQUIREMENTS OF THE MUNICIPALITY OR PUBLIC ENTITY WITHIN WHOSE JURISDICTION THE WORK WILL BE PERFORMED MUST ALSO BE MET.

THE UNDERSIGNED HEREBY AGREES TO THE TERMS AND CONDITIONS LISTED ON PAGE 2 OF 4.

Ron Bannon Digitally signed by Ron Bannon Date: 2025.05.05 09:14:52 -05'00' DATE 5.5.2025
SIGNATURE OF APPLICANT OR AUTHORIZED AGENT

RON BANNON
NAME OF SIGNER *(PLEASE PRINT)*

APPLICANT OR AUTHORIZED AGENT PERSONALLY REPRESENTS AND WARRANTS THAT THEY HAVE THE FULL RIGHT, POWER AND AUTHORITY TO EXECUTE THIS PERMIT APPLICATION ON BEHALF OF OWNER.

SINGLE-FAMILY RESIDENTIAL SEWER CONNECTION

For the purpose of procuring said permit the below signed does hereby represent, covenant and agree to and with the North Shore Water Reclamation District (District or NSWRD) as stated below:

A. That all work done pursuant to the permit herein applied for shall be strictly in conformity with, "An Ordinance Relating to Sewers and Sewer Systems" (a copy of which is available upon request, or may be downloaded at www.northshorewrd.org) regulating the design, construction, operation, maintenance and use of the proposed or existing sewer or sewer system, and with the description of the work herein contained, and with the plans and specifications for said work hereunto attached.

B. That Applicant shall restore all sewers, appurtenances, pavement and/or other structures or surfaces disturbed by the work of making connection to the sewerage work of the District, to as good condition as the same existed at the time of commencement of said work and in accordance with the regulations and easements of the District.

C. That Applicant shall indemnify and save harmless the District from any and all loss, cost, damage and expense which may come to the District by reason of or in any manner growing out of or connected with said work, or the resulting connection to and subsequent use of any facilities, provided, however, that the liability, if any, of the applicant to the District shall not be limited to the specific liabilities mentioned, but the Applicant shall in any event be liable to the District for any and all loss, cost, damage and/or expense of every kind and character arising from, growing out of and/or connected with such work or the resulting connections to and subsequent use of any facilities.

D. That in case of any suit, action or proceeding against the District for damages or on account of any liability or claim arising from, growing out of or in any way connected with said work, Applicant shall, on demand of the District, enter his or its appearance therein, defend the same and pay all the costs, attorneys' fees, solicitors' fees and expense thereof and the amount of any and all final judgments, decrees and/or awards against the District entered or made therein.

E. The Applicant or their sewer contractor agrees to notify the District and the municipality or public entity within whose jurisdiction the work will be performed at least forty-eight (48) hours prior to the commencement of the work to be done. Failure to do so will result in the assessment of the No Notification Fee, and could result in additional penalties, fines, and enforcement action up to and including termination of service.

F. The Applicant hereby releases the District from any and all claims, causes of action and the like which might or may arise by virtue of this Application, any permit connection hereunder, any connection made as a result of said permit and any use of any facility or equipment of the District as a result of the foregoing, including but not limited to any act of the District or any failure of the District to act.

PLEASE DO NOT WRITE ON THIS PAGE--NSWRD USE ONLY

IS THIS PROJECT WITHIN THE PRESENT BOUNDARIES OF THE NSWRD? YES ☒ NO ☐

IF THE PROJECT IS WITHIN THE PRESENT BOUNDARIES: NSWRD ANNEX. NO. 001

IF THE PROJECT IS NOT WITHIN THE PRESENT BOUNDARIES, IS THE PROPERTY COVERED BY:

A. PRE-ANNEXATION AGREEMENT? YES ☐ NO ☒ PROP ANNEX. NO. _____

TRIBUTARY TO:

GURNEE WRF ☐ WAUKEGAN WRF ☐ CLAVEY ROAD WRF ☒

POPULATION EQUIVALENT 3.5

IS A BOND REQUIRED? YES ☐ NO ☒

NAME OF LOCALITY Highland Park CONNECTION FEE $ 0

ANNEXATION/FAIR CAPITAL CONTRIBUTION FEE $ 0

POOL FEE $ 0

TOTAL FEE $ 0

PAYMENT OF N/A

_____ N/A

(*WRITTEN*) (*NUMBERS*)

TO THE NORTH SHORE WATER RECLAMATION DISTRICT IS ACKNOWLEDGED AND RECEIPTED FOR.

BY N/A DATE N/A

CHECK NO. N/A

==========

APPLICATION APPROVED AND PERMIT ISSUED.

BY Isabella Sundt DATE 08/11/2025

NSWRD ENGINEERING DEPARTMENT

SKETCH

AT A MINIMUM SKETCH SHALL INCLUDE THE FOLLOWING:

THE STREET AND STREET NAME ON WHICH THE RESIDENCE FACES; THE NEAREST CROSS STREET AND NAME; THE LOCATION OF THE HOUSE, SANITARY SEWER, AND PROPOSED SEWER SERVICE; SEWER SERVICE PIPE SIZE AND MATERIAL.

See the attached PROPOSED SERVICE CONNECTION PLAN (sheet #21) for the pipe location, size, and material.

NORTH



LEGAL DESCRIPTION OF THE PROPERTY:

16-14-401-025 - 2744 Sheridan Rd.

LOT 1 IN FABBRI'S CONSOLIDATION, BEING A SUBDIVISION OF PART OF PORT CLINTON IN THE SOUTHEAST ¼ OF SECTION 14, TOWNSHIP 43 NORTH, RANGE 12, EAST OF THE THIRD PRICIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JANUARY 10, 1995 AS DOCUMENT 3633982, IN LAKE COUNTY, ILLINOIS.

APPENDIX E
SERVICE ALIGNMENT
PHOTO LOG

2674 – Water Service



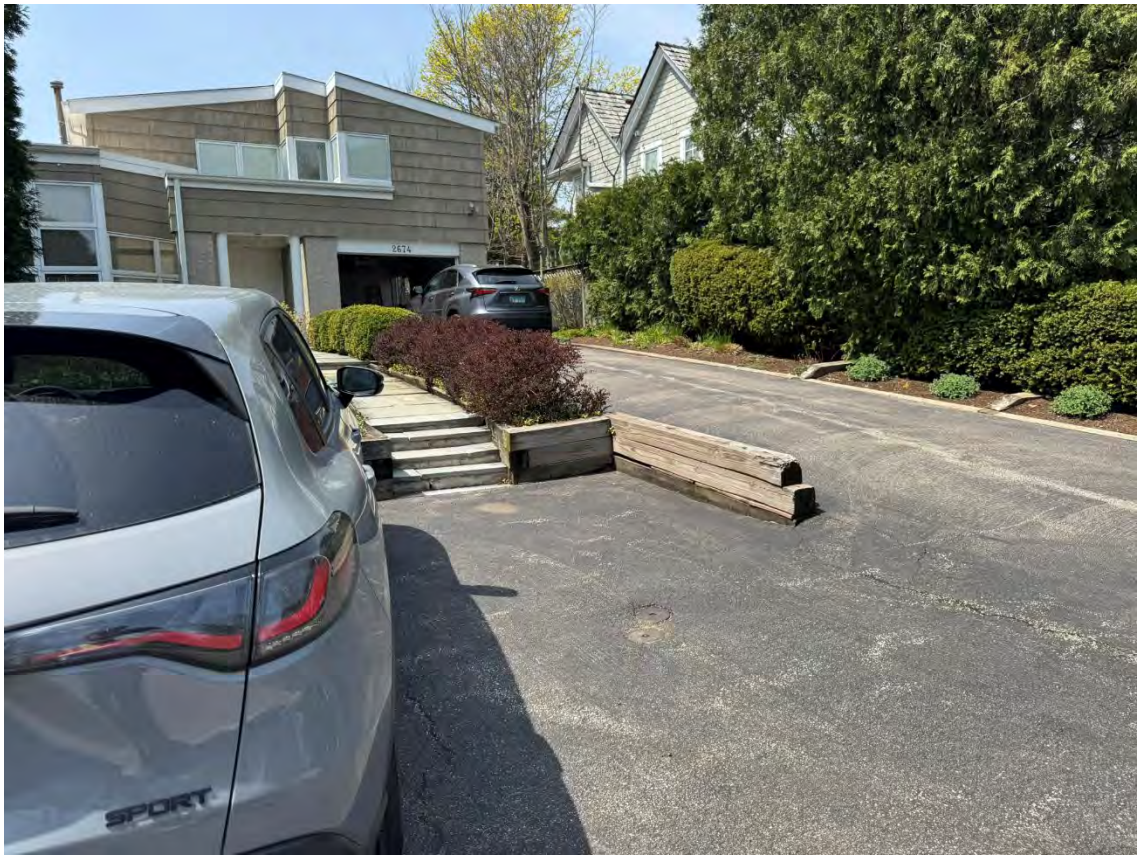
2674 – Water Service



2674 – Sanitary Service



2674 – Sanitary Service



2684 – Water/San Services



2684 – Water/San Services



2684 – Water/San Services



2684 – Water/San Services



2684 – Water/San Services



2684 – Water/San Services



2693 – Water Service



2693 – Water Service



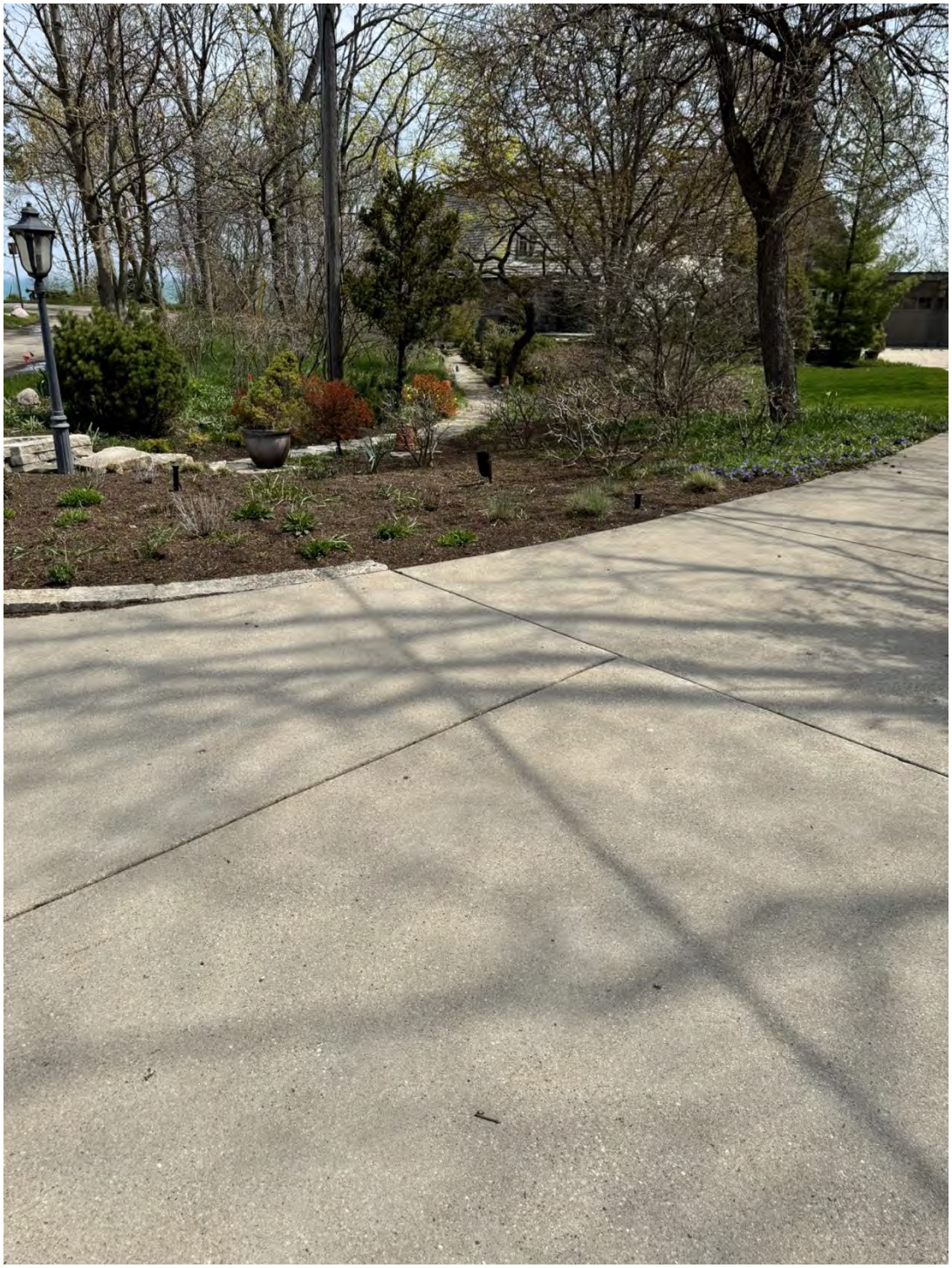
2693 – Water Service



2693 – Sanitary Service



2693 – Sanitary Service



2693 – Sanitary Service



2693 – Sanitary Service



2693 – Sanitary Service



2693 – Sanitary Service



2693 – Sanitary Service



2693 – Sanitary Service



2693 – Sanitary Service



2693 – Sanitary Service



2693 – Sanitary Service



2693 – Sanitary Service



2693 – Sanitary Service



2693 – Sanitary Service



2700 – Water/San Services



2700 – Water/San Services



2700 – Water/San Services



2700 – Water/San Services



2700 – Water/San Services



2700 – Water/San Services



2700 – Water/San Services



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2700 – Water/San Services



2714 – Water/San Services



2714 – Water/San Services



2714 – Water/San Services



2714 – Water/San Services



2714 – Water/San Services



2714 – Water/San Services



2714 – Water/San Services



2714 – Water/San Services



2714 – Water/San Services



2736 – Water/San Services



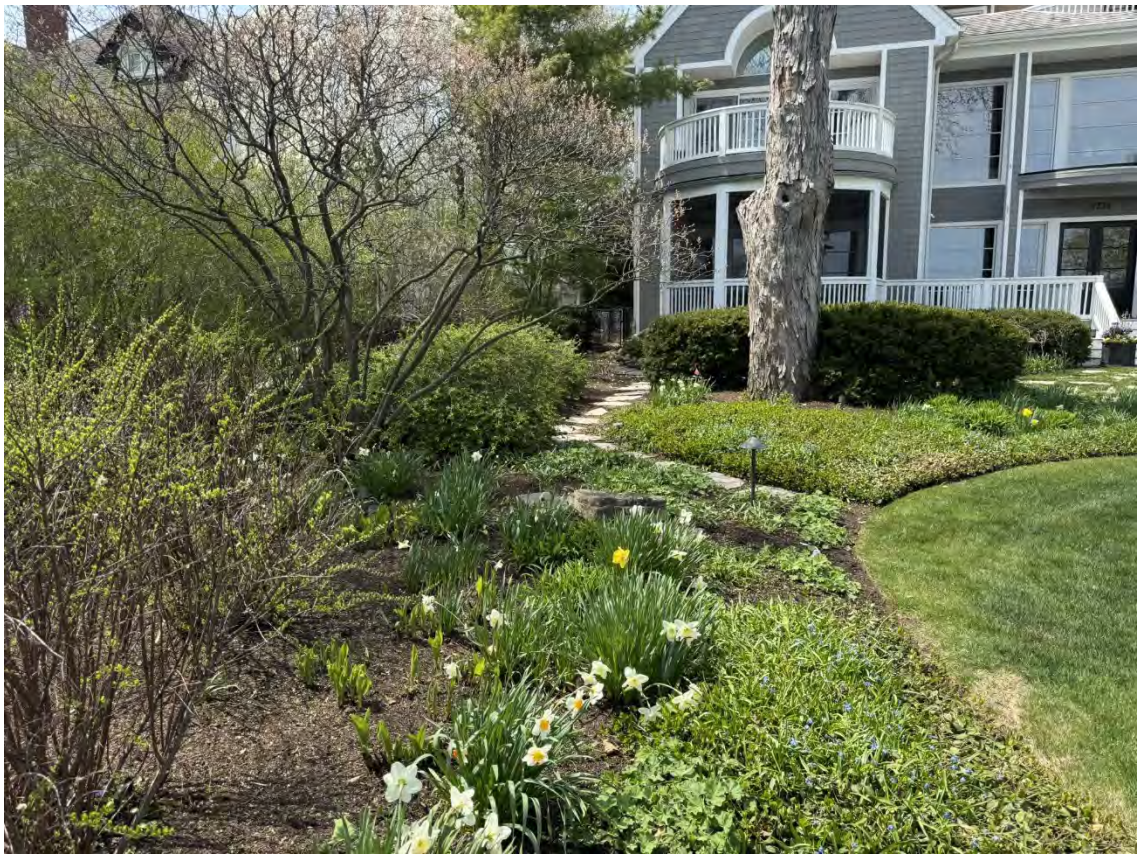
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2736 – Water/San Services



2736 – Water/San Services



2736 – Water/San Services



2736 – Water/San Services



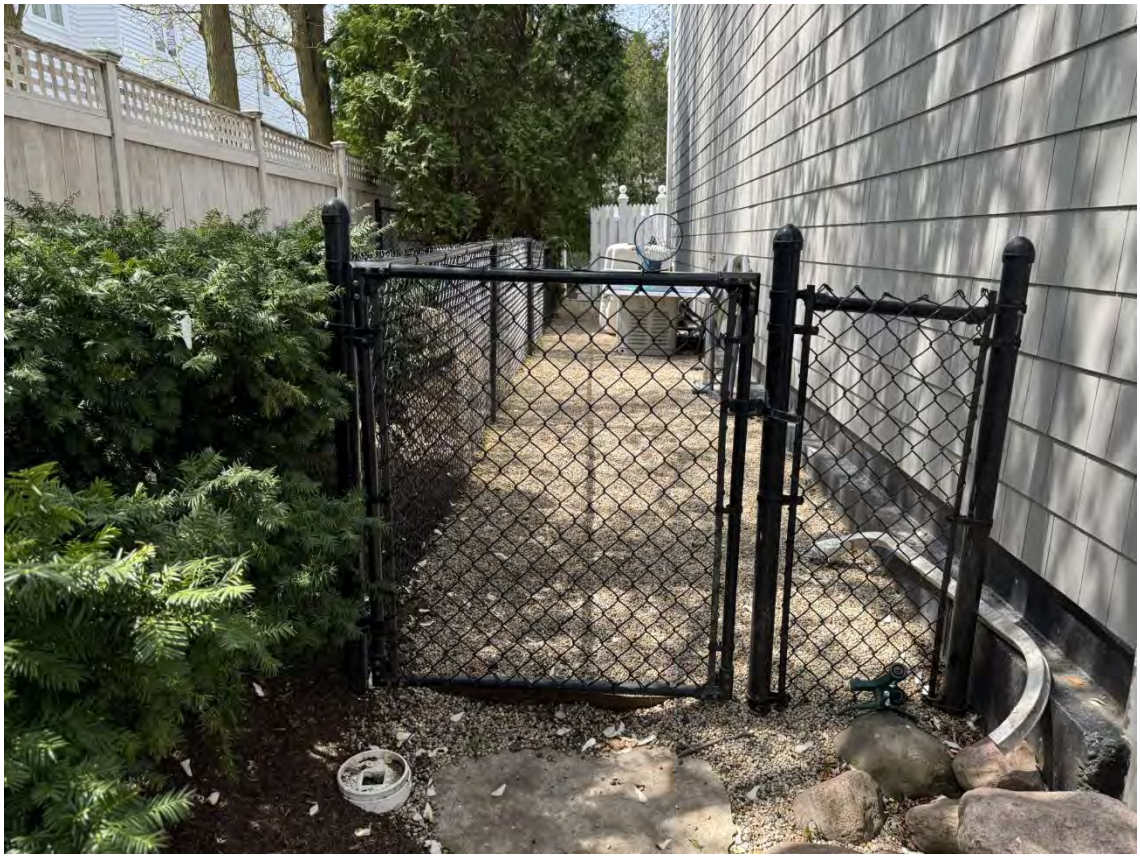
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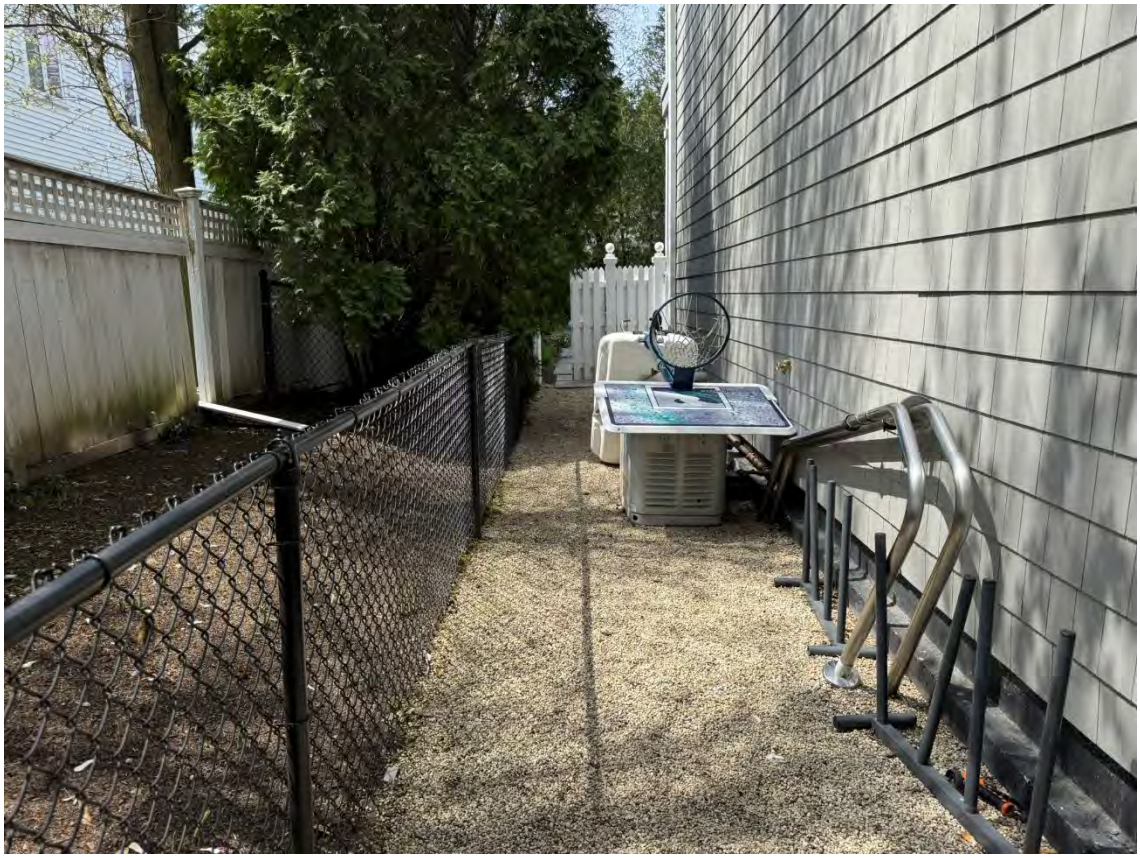
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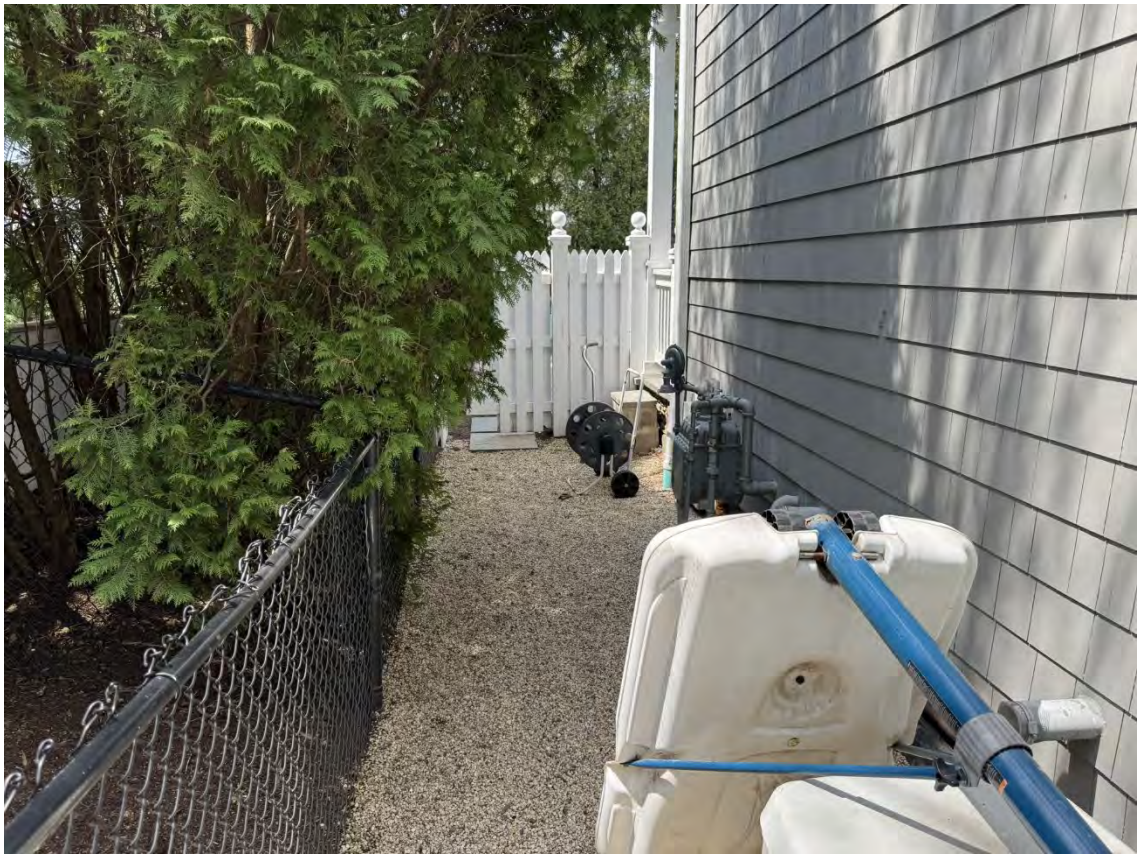
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2736 – Water/San Services



2736 – Water/San Services



2736 – Water/San Services



2736 – Water/San Services



2736 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



2744 – Water/San Services



ATTACHMENT C

LIST OF DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX, STANDARDS, AND GENERAL NOTES
3 - 7	SUMMARY OF QUANTITIES
8	ALIGNMENT, TIES, AND BENCHMARKS
9	TYPICAL SECTIONS
10 - 11	EXISTING CONDTIONS AND REMOVAL PLAN
12 - 13	PROPOSED ROADWAY PLAN AND PROFILE
14 - 15	MAINTENANCE OF TRAFFIC GENERAL NOTES AND CONSTRUCTION STAGING
16 - 17	PROPOSED DRAINAGE PLAN AND PROFILE
18 - 19	PROPOSED SANITARY PLAN AND PROFILE
20 - 22	PROPOSED WATERMAIN PLAN AND PROFILE
23 - 24	PROPOSED SERVICE CONNECTION PLAN
25	EROSION CONTROL AND LANDSCAPING NOTES
26 - 27	EROSION CONTROL AND LANDSCAPING PLANS
28 - 35	HIGHLAND PARK STANDARD DETAILS
36 - 37	PLAN DETAILS
38 - 47	CROSS SECTIONS

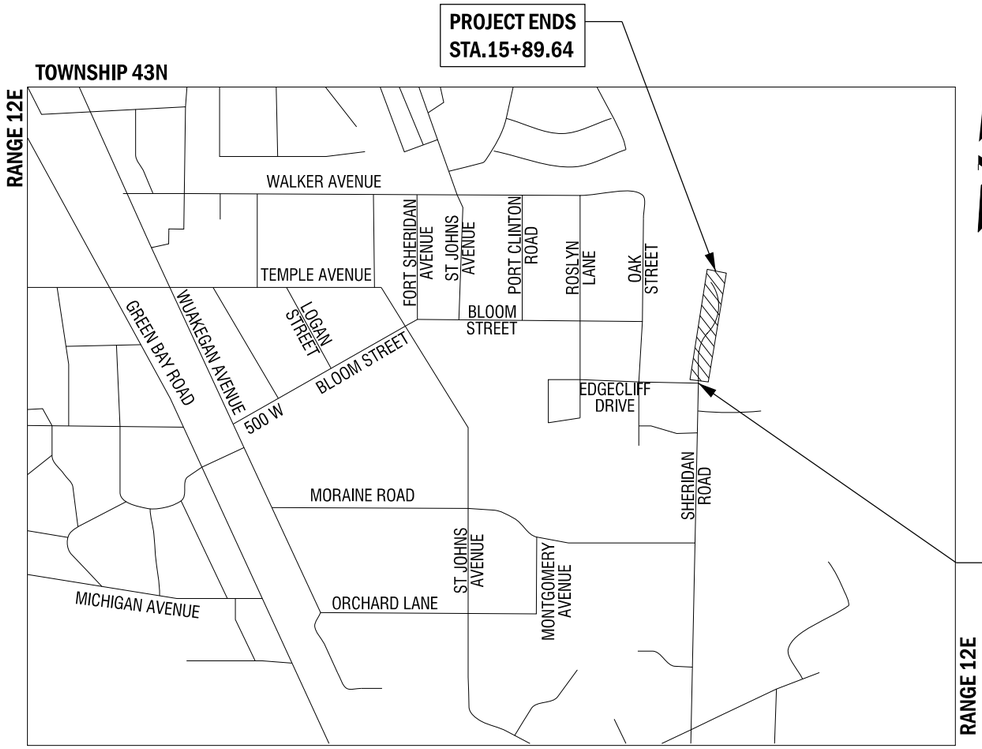
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1265		LAKE	47	1
	ILLINOIS	CONTRACT NO.		

CITY OF HIGHLAND PARK, ILLINOIS

SHERIDAN ROAD
ROADWAY AND UTILITY IMPROVEMENTS



LOCATION OF SECTION INDICATED THUS: -



LOCATION MAP
(NOT TO SCALE)

PROJECT LENGTH

GROSS LENGTH = 557.83 FT. = 0.11 MILE

NET LENGTH = 557.83 FT. = 0.11 MILE

CiorbaGroup
CONSULTING ENGINEERS
DESIGN FIRM REGISTRATION NUMBER: 184-001016
8725 W. Higgins Road, Suite 600 | Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

0 100' 200' 300' — 1"= 100'
0 10' 20' 30' — 1"= 10'
0 50' 100' — 1"= 50'
0 50' 100' — 1"= 40'
0 50' 100' — 1"= 30'
0 50' 100' — 1"= 20'

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

CITY OF HIGHLAND PARK

APPROVED _____ 20____

_____
CITY OF HIGHLAND PARK, CITY ENGINEER

ERIC P. SPINA
062-065508
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
DATE: 4/14/2025
SEAL EXPIRES: 11/30/2025
SHEETS: ALL REMAINING SHEETS

LUKE MATTSON
062-059493
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
DATE: 4/14/2025
SEAL EXPIRES: 11/30/2025
SHEETS: 18 - 24, 28 - 36

ADAM R. HACKER
062-065293
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
DATE: 4/14/2025
SEAL EXPIRES: 11/30/2025
SHEETS: 16 - 17, 25 - 27

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
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IDOT HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
602001-02	CATCH BASIN, TYPE A
602301-04	INLET - TYPE A
604001-05	FRAME AND LIDS, TYPE 1
606001-06	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
630001-13	STEEL PLATE BEAM GUARDRAIL
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
701901-10	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER

IDOT DISTRICT 1 STANDARDS

BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

HIGHLAND PARK STANDARDS

FOR-1041	TREE PROTECTION DETAIL
FOR-1042A	SILT FENCE DETAIL & ALTERNATE DETAIL (USE L.C.S.M.C STD. DETAIL)
STR-1000	ASPHALT PAVEMENT DETAIL
STR-1031	TYPICAL DRIVEWAY DETAIL
STR-1036	COMBINATION CURB & GUTTER DETAIL, TYPE B6.12
STR-1037	INLET PROTECTION (TYPE B - W/O CURB BOX; TYPE C - W/ CURB BOX)
ST-1013	STORM SEWER MANHOLE DETAIL
ST-1024	CURB INLET DETAIL (W/ R3250 DVSP FRAME TYPE "V" GRATE)
SAN-1011	SANITARY SEWER SERVICE RISER DETAIL
SAN-1012	SANITARY SEWER MANHOLE DETAIL
SAN-1014	STANDARD PIPE BEDDING (FOR SANITARY SEWER)
WD-1001	DOMESTIC METER VAULT DETAIL
WD-1002	WATER VALVE VAULT DETAIL
WD-1006	FIRE HYDRANT INTALLATION DETAIL
WD-1007	WATER SERVICE DETAIL
WD-1008	THRUST BLOCK DETAIL

GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (ADOPTED JANUARY 1, 2022); THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" (ADOPTED JANUARY 1, 2025); THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROLDEVICES FOR STREETS, THE DETAILS ON THE "SPECIAL PROVISIONS" INCLUDED IN THECONTRACT DOCUMENTS. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
2. ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES WHICH ARE NOT SPECIFICALLY INDICATED IN THE PLANS SHALL BE PERFORMED AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. THE TOP OF ALL STRUCTURES SHALL BE FLUSH WITH THE ADJACENT SURFACE OR AT THE INDICATED ELEVATIONS SHOWN ON THE PLANS.
4. FRAME ELEVATIONS ARE GIVEN ONLY TO ASSIST IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST.
5. WHEN, IN THE CONSTRUCTION OPERATION, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SO THE THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH DAY BY THE CONTRACTOR AT HIS EXPENSE. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.
6. THE APPROXIMATE LOCATION OF KNOWN PUBLIC UTILITIES ARE SHOWN ON THE PLANS. HOWEVER, THE CITY DOES NOT GUARANTEE ITS ACCURACY. PRIOR TO COMMENCING OPERATIONS ON THE PROJECT WHICH MAY IN ANY WAY CREATE THE POSSIBILITY OF INVOLVEMENT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL CONTACT THE UTILITY INVOLVED. ADJUSTMENT OF ALL PUBLIC UTILITIES WITHIN THE LIMITS OF IMPROVEMENT WILL BE DONE BY THE RESPECTIVE OWNERS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCE CAUSED BY THESE ADJUSTMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATION BEFORE STARTING CONSTRUCTION OPERATIONS.
7. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED.)
8. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE CONTRACTOR SHALL PROTECT ALL TREES WITHIN AND ADJACENT TO THE CONSTRUCTION SITE DURING THE CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS IN ACCORDANCE WITH THE CITY OF HIGHLAND PARK SPECIAL PROVISION FOR TREE PROTECTION. THOSE TREES TO BE REMOVED AS SHOWN IN THE PLANS SHALL BE DONE IN ACCORDANCE WITH SECTION 201 AND 202 OF THE STANDARD SPECIFICATION.
9. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE CITY.
10. ALL HMA PAVING SHALL FOLLOW DESIGNATED DRIVING LANES. NO LONGITUDINAL PAVING JOINT OR SEAMS ARE ALLOWED WITHIN THE DRIVING LANES. ALL LONGITUDINAL PAVING JOINTS OR SEAMS WILL BE BETWEEN THE DRIVING LANES.
11. ALL PAVEMENT, CURB AND SIDEWALK REMOVALS SHALL BE MADE BY MEANS OF STRAIGHT SAW CUT JOINT. THE COST FOR SAW CUTTING SHALL BE INCLUDED IN REMOVAL ITEMS.
12. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS THROUGHOUT THE REHABILITATION LIMITS AT ALL TIMES. IF DRIVEWAY ACCESS MUST BE RESTRICTED, THE CONTRACTOR SHALL NOTIFY THE CITY AND OWNER IN WRITING 72 HOURS IN ADVANCE.
13. HMA AND PCC DRIVEWAYS SHALL BE CONSTRUCTED WITH A 3' FLARE ACCORDING TO THE HIGHLAND PARK TYPICAL DRIVEWAY AND SIDEWALK DETAIL. BRICK DRIVES SHALL BE CONSTRUCTED TO MATCH THE EXISTING LAYOUT.
14. THE CONTRACTOR SHALL BE REQUIRED TO MOVE ANY DECORATIVE ROCKS, PAVER BRICKS, RAILROAD RAIL OR LANDSCAPE ITEMS THAT INTERFERE WITH CONSTRUCTION. UPON COMPLETION OF THE CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND ENGINEER TO DETERMINE IF THE ITEMS ARE TO BE REMOVED FROM THE SITE OR PLACED BACK IN THEIR ORIGINIAL LOCATION. IF ITEMS ARE DETERMINED TO BE REMOVED THE CONTRACTOR SHALL DISPOSE OF THIS ITEMS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. IF ITEMS ARE TO BE REPLACED THEY SHALL BE PLACED IN THEIR ORIGINAL LOCATION OR A LOCATION APPROVED BY THE ENGINEER. THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT.
15. THE CONTRACTOR/DEVELOPER ASSUMES ALL RESPONSIBILITY AND LIABILITY FOR ANY ACTION RESULTING FROM THEIR WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
16. ALL COORDINATES SHOWN ARE BASED UPON THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, MAP COORDINATES REFLECT NAD 83 (2011 ADJUSTMENT)
17. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
18. THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER. DEBRIS AND ANY SURPLUS MATERIAL SHALL BE REMOVED AND RESTORATION SHALL PROCEED AS WORK PROCEEDS. IF THE ENGINEER SO DIRECTS, THE CONTRACTOR SHALL STOP ALL OTHER WORK AND CONCENTRATE ON CLEAN-UP AND RESTORATION. DEBRIS AND SURPLUS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF-SITE. ANY DAMAGE CAUSED BY THE CONTRACTOR TO EXISTING PAVEMENT, CURB & GUTTER, AND SIDEWALK NOT SHOWN AS REMOVED OR WORKED ON DURING CONSTRUCTION SHALL BE REPAIRED AND REPLACED.
19. THE FINAL TOP FOUR INCHES OF SOIL IN DISTURBED RIGHT-OF-WAY AREA BY THE CONTRACTOR MUST BE A COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION.
20. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
21. NOMINAL QUANTITES FOR THE FOLLOWING PAY ITEMS, 78000200 AND 78300202, HAVE BEEN ADDED FOR THE REMOVAL AND REPLACEMENT OF THE PAVEMENT MARKINGS ALONG SHERIDAN ROAD. THE ENGINEER SHALL DETERMINE THE PLACEMENT OF THESE QUANTITIES.

NORTH SHORE WATER RECLAMATION DISTRICT NOTES:

1. THE CONTRACTOR SHALL NOTIFY BOTH THE NORTH SHORE WATER RECLAMATION DISTRICT AND THE MUNICIPALITY WITHIN WHOSE BOUNDARIES THE PROPOSED SANITARY SEWER CONSTRUCTION WILL TAKE PLACE A MINIMUM OF 24 HOURS PRIOR TO THE START OF CONSTRUCTION. THE NORTH SHORE WATER RECLAMATION DISTRICT CAN BE NOTIFIED BY PHONE AT 847-623- 6060.
2. ALL SANITARY SEWER PIPE SHALL BE BEDDED, WITH A MINIMUM OF 6" BELOW THE PIPE AND 12" ABOVE THE PIPE, IN CA-6 CRUSHED MATERIAL. CA-7 MAY BE ALLOWED AT THE DISCRETION OF THE NORTH SHORE WATER RECLAMATION DISTRICT IF EXTREMELY WET CONDITIONS ARE ENCOUNTERED.
3. THE CONNECTION TO DOWNSTREAM SEWERS SHALL BE PLUGGED WITH A WATER TIGHT CONCRETE PLUG AND MAINTAINED IN PLACE UNTIL CONNECTION IS APPROVED BY THE NORTH SHORE RECLAMATION DISTRICT.
4. ALL SANITARY SEWER EXTENSIONS SHALL BE TELEVISED IN THE PRESENCE OF NORTH SHORE RECLAMATION DISTRICT PERSONNEL AFTER HAVING NOTIFIED THE DISTRICT A MINIMUM OF 24 HOURS PRIOR TO TELEVISING BY PHONE AT 847-623-6060. A COPY OF THE TELEVISED SEWER EXTENSION, IN ELECTRONIC FORMAT, SHALL BE SUBMITTED TO THE DISTRICT FOR APPROVAL.
5. ALL SANITARY SEWER EXTENSIONS SHALL BE SUBJECT TO AN INFILTRATION TEST UNDER THE SUPERVISION OF AND WITNESSED BY THE DISTRICT. INFILTRATION AS DETERMINED BY SUCH TEST SHALL NOT EXCEED 200 GALLONS PER INCH DIAMETER, PER DAY, PER MILE, FOR ALL SEWERS UP TO AND INCLUDING 24 INCHES IN DIAMETER AND 5,000 GALLONS PER DAY, PER MILE, FOR ANY SEWER OR SEWERS OVER 24 INCHES IN DIAMETER OR ANY PORTION THEREOF.

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	DRAWN - AMS	REVISED -
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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
INDEX, STANDARDS, AND GENERAL NOTES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	2
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL
20200100	EARTH EXCAVATION	CU YD	730
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	215
20800150	TRENCH BACKFILL	CU YD	1,501
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,611
25000300	SEEDING, CLASS 3	ACRE	0.02
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	76
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	26
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	1,228
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	294
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,673
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	310
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	79

CODE NO.	ITEM	UNIT	TOTAL
44000100	PAVEMENT REMOVAL	SQ YD	1,383
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	395
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	70
44000600	SIDEWALK REMOVAL	SQ FT	99
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	9
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	28
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	113
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	133
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	138
55100300	STORM SEWER REMOVAL 8"	FOOT	98
56106700	ADJUSTING WATER MAIN 16"	FOOT	12
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	8

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USER NAME = askonicki	DESIGNED - EPS	REVISED -
	DRAWN - AMS	REVISED -
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PLOT DATE = 5/23/2025	DATE -	REVISED -

CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	3
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	2
60500050	REMOVING CATCH BASINS	EACH	3
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,200
63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	FOOT	25
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2
63200310	GUARDRAIL REMOVAL	FOOT	28
67100100	MOBILIZATION	L SUM	1
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	191
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	10
70400100	TEMPORARY CONCRETE BARRIER	FOOT	137.5
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	35

CODE NO.	ITEM	UNIT	TOTAL
70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	3
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	141
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	47
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	78
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0056604	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	82
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	108
Z0058000	SANITARY SEWER (SPECIAL)	FOOT	336
A2002024	TREE, AESCULUS GLABRA (OHIO BUCKEYE), 3" CALIPER, BALLED AND BURLAPPED	EACH	1
B2002222	TREE, CRATAEGUS VIRDIS WINTER KING (WINTER KING GREEN HAWTHORN), 3" CALIPER, BALLED AND BURLAPPED	EACH	6
K1005481	SHREDDED BARK MULCH 3"	SQ YD	50
X0326806	WASHOUT BASIN	L SUM	1

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DESIGNED - EPS | DRAWN - AMS | CHECKED - EPS | DATE -

REVISED - | REVISED - | REVISED - | REVISED -

CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	4
		ILLINOIS	FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL
X1200198	SANITARY SEWERS, PVC, 8"	FOOT	197
X1200246	WATERMAIN CASING PIPE	FOOT	41
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	9
X4023000	TEMPORARY ACCESS (ROAD)	EACH	1
X5510306	SANITARY SEWER REMOVAL 6"	FOOT	25
X5510308	SANITARY SEWER REMOVAL 8"	FOOT	16
X6020399	CONNECTION TO EXISTING MANHOLE	EACH	2
X6022712	CATCH BASINS, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	4
X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5
X6025604	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	5
X6025620	CATCH BASINS, TYPE A, 5'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1
X6026400	MANHOLES, DROP TYPE, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2

CODE NO.	ITEM	UNIT	TOTAL
X6050220	FILLING EXISTING WELLS	EACH	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
XX001470	SANITARY SERVICE CONNECTION	EACH	5
XX003470	SANITARY CLEANOUT 6"	EACH	15
XX003803	SANITARY SEWER SERVICE 6"	FOOT	1,098
HP-002	PRECONSTRUCTION VIDEO RECORDING	L SUM	1
HP-018	BRICK PAVER REMOVAL AND REINSTALLATION	SQ FT	795
HP-105-01	AS-BUILT DRAWINGS	L SUM	1
HP-201-01	TREE PROTECTION	FOOT	1,387
HP-201-02	TREE ROOT PRUNING, 24 INCHES DEEP	FOOT	238
HP-201-03	TREE REMOVAL (<15 INCH DIA)	UNIT	123
HP-201-04	TREE REMOVAL (>15 INCH DIA)	UNIT	75

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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	5
	ILLINOIS	FED. AID PROJECT		

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CODE NO.	ITEM	UNIT	TOTAL
HP-211-01	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	1,381
HP-252-01	SODDING (SPECIAL)	SQ YD	1,306
HP-252-02	SUPPLEMENTAL WATERING	EACH	8
HP-280-01	DRAINAGE STRUCTURE INLET FILTER	EACH	22
HP-280-02	INLET FILTER CLEANING	EACH	22
HP-280-03	SILT FENCE	FOOT	925
HP-403-01	BITUMINOUS MATERIALS (TACK COAT)	POUND	307
HP-406-01	WARM-MIX ASPHALT SURFACE COURSE "D" N50 (MODIFIED)	TON	155
HP-406-02	WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH	SQ YD	294
HP-423-01	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (SPECIAL)	SQ YD	75
HP-561-02	WATER MAIN, D.I.P. CL 52, 8"	FOOT	714
HP-561-04	WATER VALVE 8" & 4' DIA. VALVE VAULT	EACH	3

CODE NO.	ITEM	UNIT	TOTAL
HP-561-05	WATER MAIN CONNECTION (NON-PRESSURE), 16"	EACH	2
HP-561-06	HORIZONTAL DIRECTIONALLY DRILLED WATER MAIN 8"	FOOT	372
HP-562-01	SADDLE TAP 1-1/2"	EACH	8
HP-562-02	WATER SERVICE LINE, COPPER REPLACEMENT, 1-1/2"	FOOT	971
HP-562-04	LEAD WATER SERVICE REPLACEMENT	EACH	1
HP-562-05	LEAD FILTER PITCHER WITH SIX MONTHS OF FILTER CARTRIDGES	EACH	1
HP-563-06	ABANDON AND FILL EXISTING SEWER	FOOT	359
HP-562-06	ABANDON EXISTING WATER SERVICE	EACH	7
HP-563-05	SANITARY SEWER, PVC 8", GUIDED AUGER AND HDD INSTALLATION	FOOT	191
HP-563-07	ABANDON EXISTING SANITARY SERVICE	EACH	7
HP-564-01	FIRE HYDRANT/AUX. VALVE AND VALVE BOX	EACH	2
HP-565-01	DOMESTIC METER VAULT REMOVED & REPLACED WITH NEW METER VAULT	EACH	1

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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	6
		ILLINOIS	FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL
HP-565-04	NEW DOMESTIC METER VAULT	EACH	7
HP-570-01	RESIDENTIAL RESTORATION FOR SERVICE LINE INSTALLATION	L SUM	1

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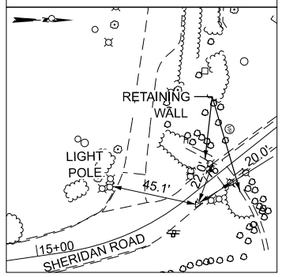
CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
SUMMARY OF QUANTITIES

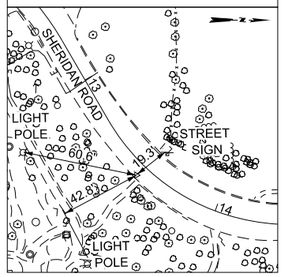
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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	7
		ILLINOIS	FED. AID PROJECT	

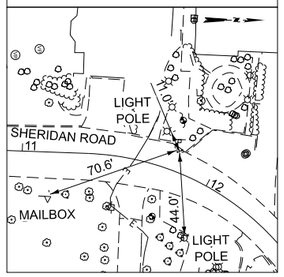
CONTROL POINT 1
SET MAG NAIL
STA: 15+87.66
N: 2,016,609.94 OFFSET: 5.82 RT
E: 1,129,562.50 ELEV: 657.50



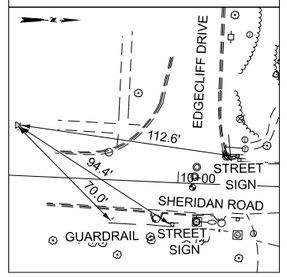
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SET MAG NAIL
STA: 13+55.79
N: 2,016,386.17 OFFSET: 6.33 RT
E: 1,129,581.34 ELEV: 654.59

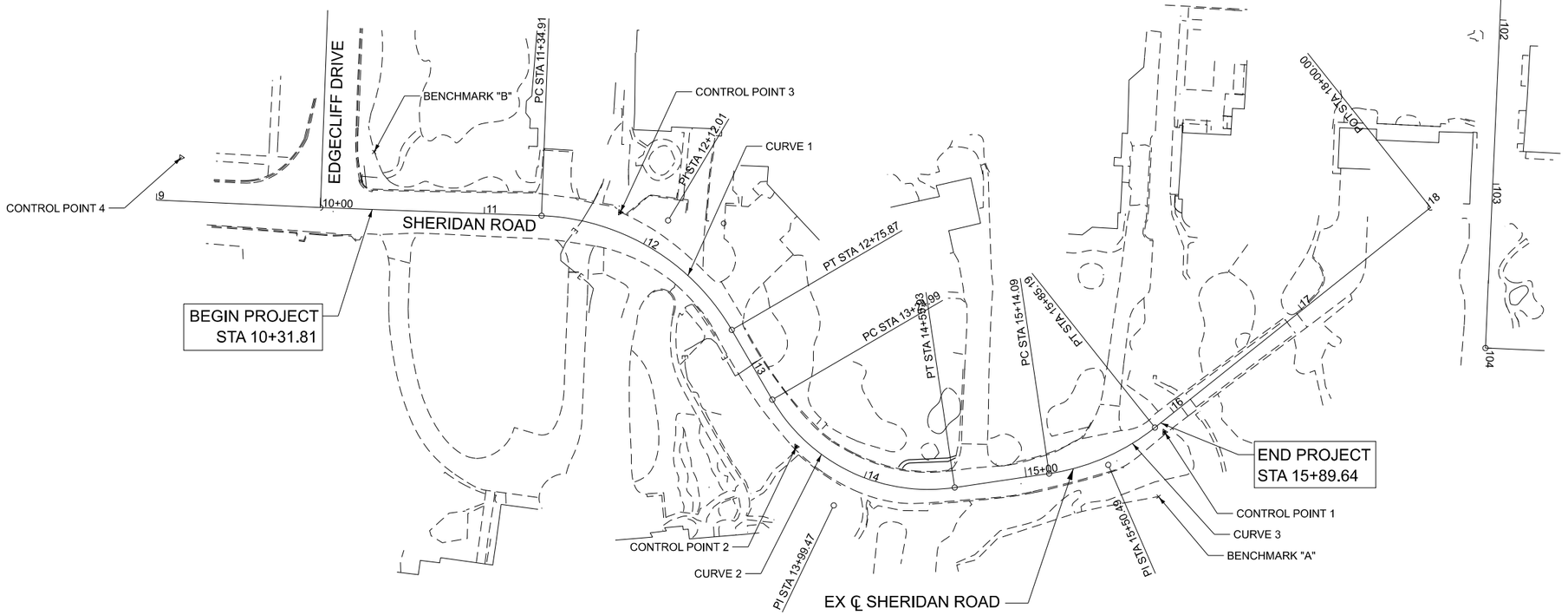


CONTROL POINT 3
SET MAG NAIL
STA: 11+79.80
N: 2,016,272.69 OFFSET: 11.52 LT
E: 1,129,443.53 ELEV: 655.65



CONTROL POINT 4
SET CUT CROSS
STA: 09+13.96
N: 2,016,004.07 OFFSET: 26.54 LT
E: 1,129,421.92 ELEV: 654.38





EX CURVE 1
PI STA = 12+12.01
Δ = 57°41'20" (RT)
D = 40°55'32"
R = 140.00'
T = 77.11'
L = 140.96'
E = 19.83'
PC STA = 11+34.91
PT STA = 12+75.87

EX CURVE 2
PI STA = 13+99.47
Δ = 68°12'09" (LT)
D = 52°05'13"
R = 110.00'
T = 74.48'
L = 130.94'
E = 22.84'
PC STA = 13+24.99
PT STA = 14+55.93

EX CURVE 3
PI STA = 15+50.49
Δ = 30°10'28" (LT)
D = 42°26'29"
R = 135.00'
T = 36.39'
L = 71.10'
E = 4.82'
PC STA = 15+14.09
PT STA = 15+85.19

PROJECT COORDINATES

SHERIDAN ROAD			
DESCRIPTION	STATION	NORTHING	EASTING
P.O.T	9+00.00	2,015,990.06	1,129,448.43
P.I	10+00.00	2,016,090.58	1,129,448.63
P.C	11+34.91	2,016,224.96	1,129,447.66
P.I	12+05.39	2,016,292.63	1,129,464.49
P.T	12+75.87	2,016,343.72	1,129,553.94
P.C	13+24.99	2,016,370.30	1,129,553.31
P.I	13+90.46	2,016,419.55	1,129,594.97
P.T	14+55.93	2,016,483.69	1,129,601.86
P.C	15+14.09	2,016,540.80	1,129,590.84
P.I	15+49.64	2,016,574.42	1,129,579.61
P.T	15+85.19	2,016,603.96	1,129,560.02
P.O.T	16+05.60	2,016,619.34	1,129,546.60

PROJECT BENCHMARKS

SHERIDAN ROAD				
PT #	STATION	OFFSET	ELEV	DESCRIPTION
BM "A"	15+62.77	36.1 RT	656.31	NORTH WEST CORNER OF THE RETAINING WALL ON EAST SIDE OF SHERIDAN ROAD IN FRONT OF 2 STORY BUILDING # 2714
BM "B"	10+31.50	35.0 LT	653.52	MARK "X" SOUTH BOLT OF FIRE HYDRANT NORTH WEST CORNER OF SHERIDAN ROAD AND EDGECLIFF DRIVE

0 40 80
SCALE IN FEET

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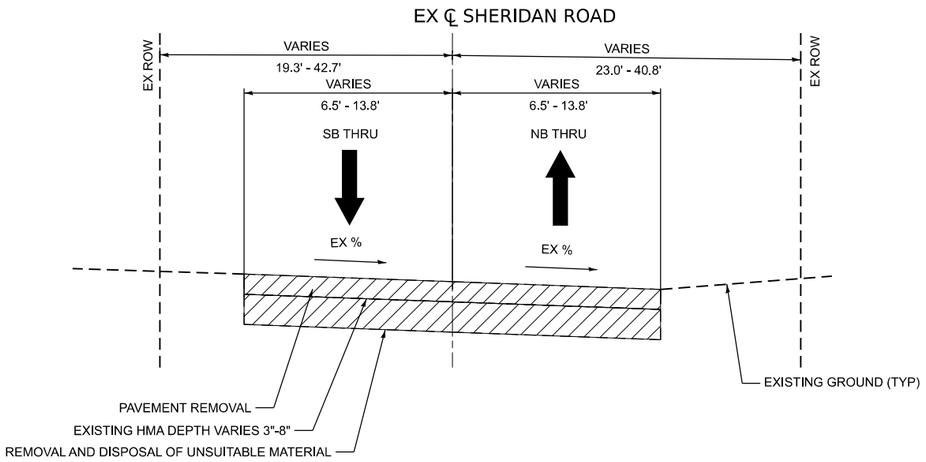
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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
ALIGNMENT, TIES, AND BENCHMARKS

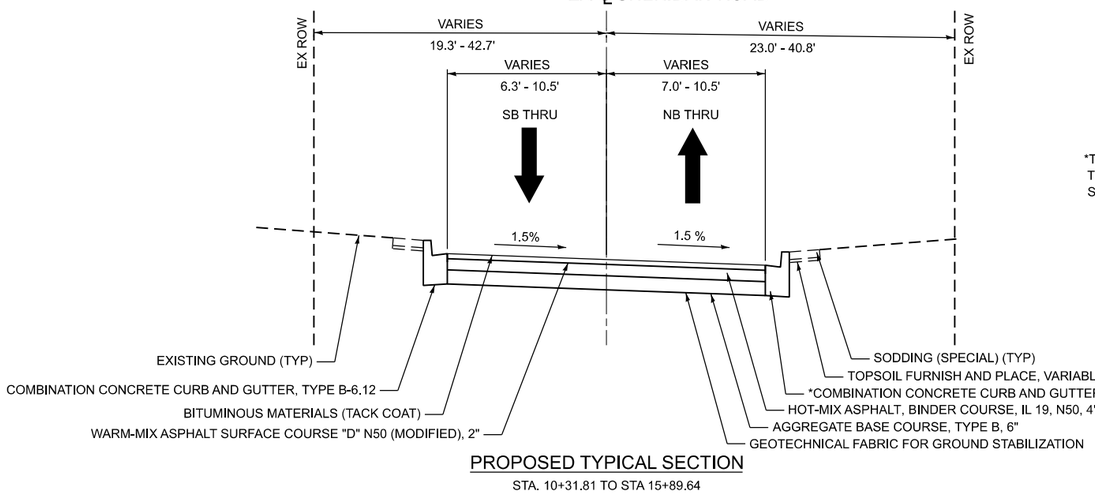
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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	8
		ILLINOIS	FED. AID PROJECT	



EXISTING TYPICAL SECTION

STA. 10+31.81 TO STA 15+89.64



PROPOSED TYPICAL SECTION

STA. 10+31.81 TO STA 15+89.64

*THE COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 WILL TRANSITION TO A DEPRESSED CURB AND GUTTER PER IDOT STANDARD 606001-08. THE STATION LIMITS ARE STA. 14+00.00 TO STA. 14+65.00.

MIXTURE TYPE	PERCENT AIR VOIDS
PAVEMENT	
WARM-MIX ASPHALT SURFACE COURSE "D" N50 (MODIFIED), 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYR
DRIVEWAY	
WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

REMOVALS

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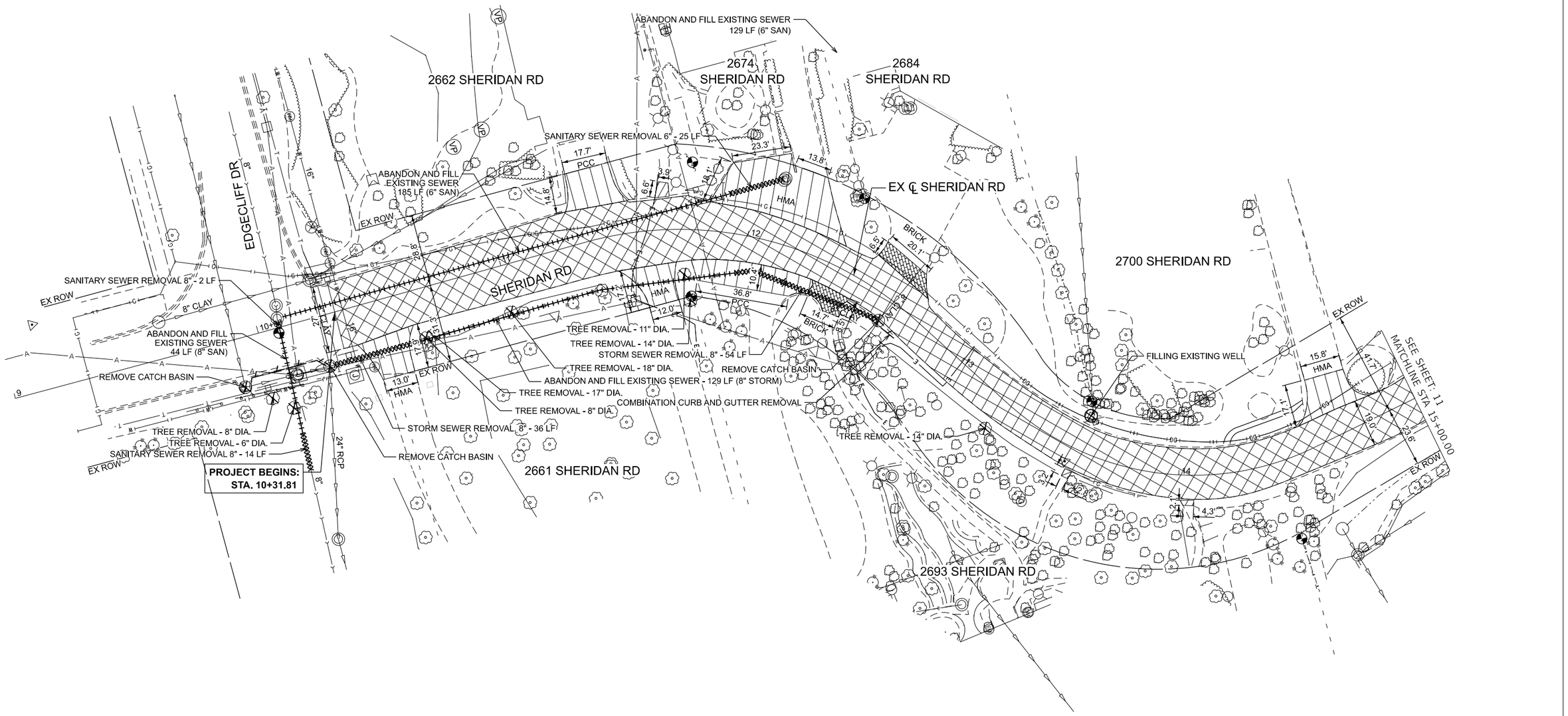
CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
TYPICAL SECTIONS

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	9
		ILLINOIS	FED. AID PROJECT	

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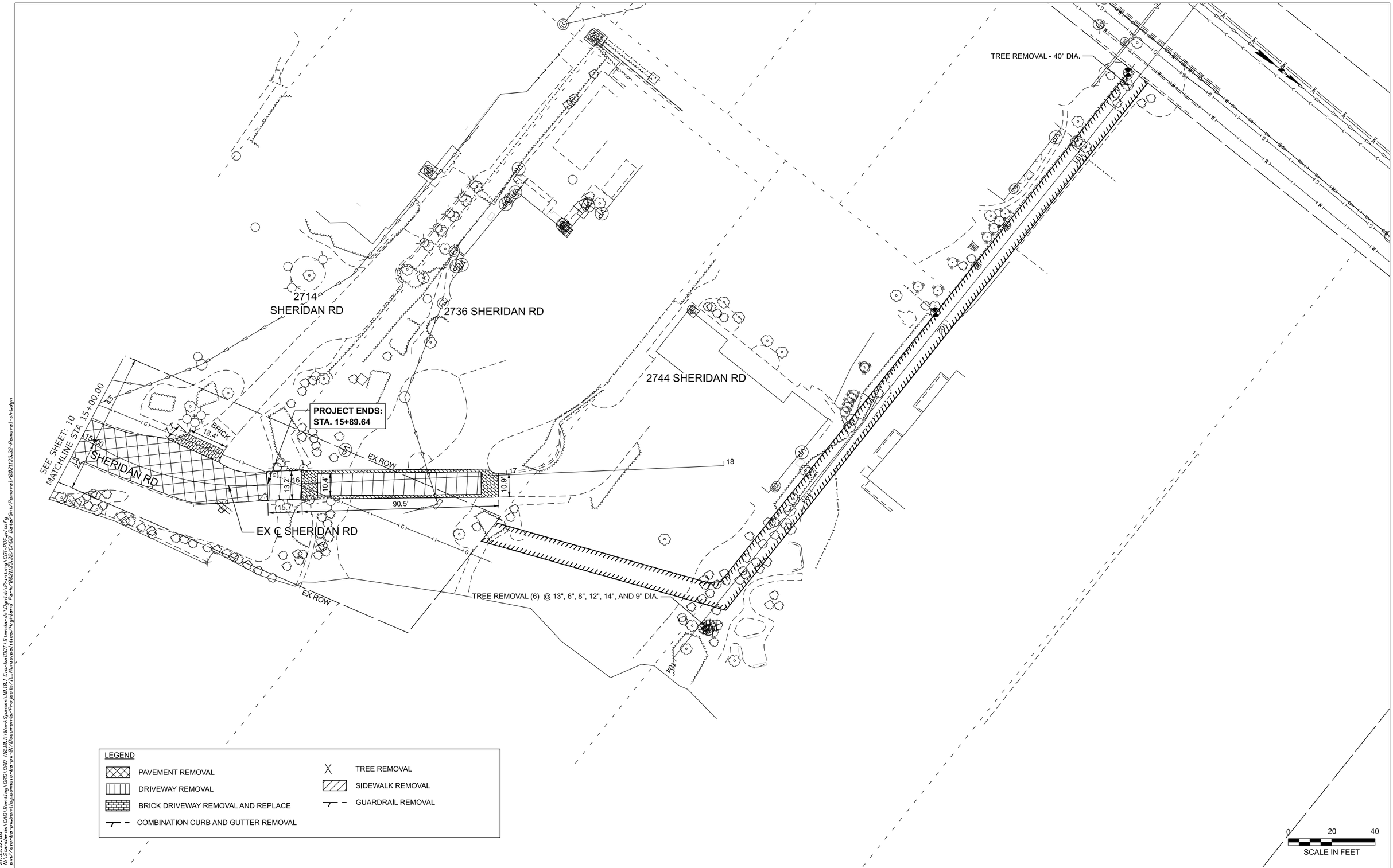
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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. 9+00.00 TO STA. 15+00.00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	10
		ILLINOIS	FED. AID PROJECT	



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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. 15+00.00 TO STA. 21+00.00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	11
		ILLINOIS	FED. AID PROJECT	

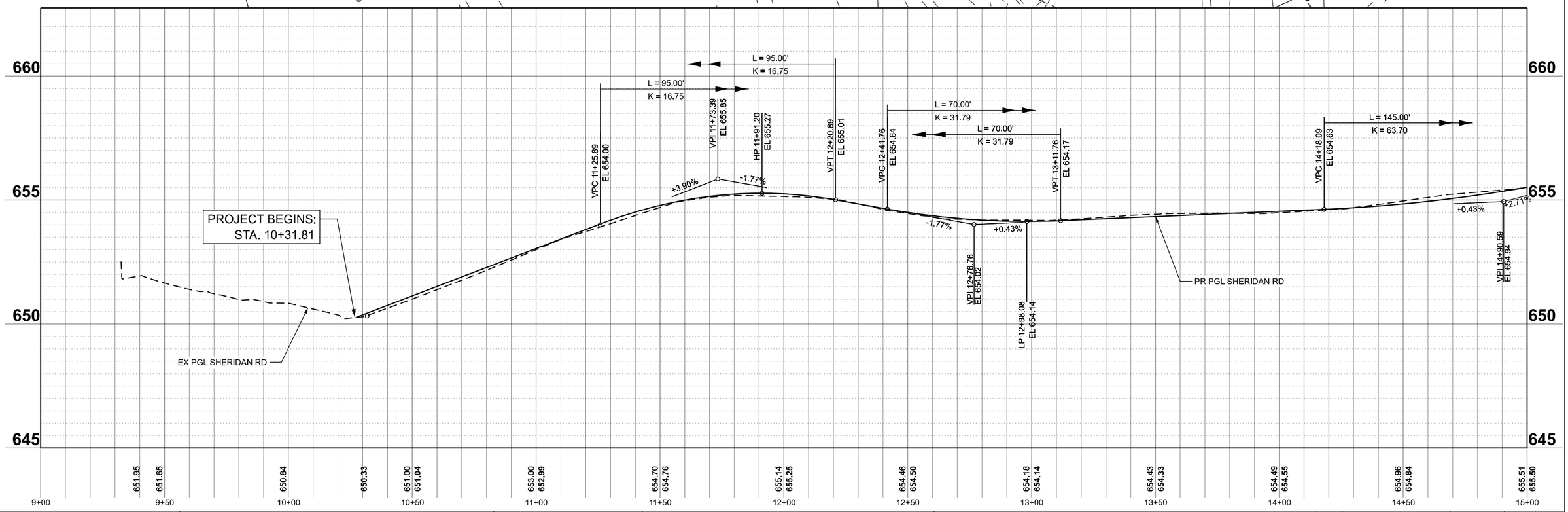
NOTE: THE COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 WILL TRANSITION TO A DEPRESSED CURB AND GUTTER PER IDOT STANDARD 606001-08. THE STATION LIMITS ARE STA. 14+00.00 TO STA. 14+65.00 RIGHT OF THE CENTERLINE. WORK IS INCLUDED IN THE COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 PAY ITEM.

2662 SHERIDAN RD
2674 SHERIDAN RD
2684 SHERIDAN RD
2700 SHERIDAN RD
2661 SHERIDAN RD
2693 SHERIDAN RD
EDGECLIFF DR
SHERIDAN RD
EX ROW
EX ℄ SHERIDAN RD

PROJECT BEGINS: STA. 10+31.81

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (SPECIAL), 6"
PCC SIDEWALK 5"
WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3"
AGGREGATE BASE COURSE, TYPE B, 4"
BRICK PAVER REMOVAL AND REINSTALLATION
WARM-MIX ASPHALT SURFACE COURSE "D" N50 (MODIFIED), 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
AGGREGATE BASE COURSE, TYPE B, 6"
GEOTECHNICAL FABRIC FOR GROUND STABALIZATION
CLASS D PATCHES, TYPE II, 9 INCH
CLASS D PATCHES, TYPE VI, 9 INCH
10:1 TAPER
STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (TYP)
SEE SHEET: 13 MATCHLINE STA 15+00.00

SCALE IN FEET 0 20 40



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SHERIDAN RD

2736 SHERIDAN RD

2744 SHERIDAN RD

WARM-MIX ASPHALT SURFACE COURSE "D" N50 (MODIFIED), 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
AGGREGATE BASE COURSE, TYPE B, 6"
GEOTECHNICAL FABRIC FOR GROUND STABALIZATION

COMBINATION CONCRETE CURB AND GUTTER B-6.12 (TYP)

BRICK PAVER REMOVAL AND REINSTALLATION

WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3"
AGGREGATE BASE COURSE, TYPE B, 4"

BRICK PAVER REMOVAL AND REINSTALLATION

WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3"
AGGREGATE BASE COURSE, TYPE B, 4"

SEE SHEET: 12
MATCHLINE STA 15+00.00

EX ROW

SHERIDAN RD

R 83'

+58.6
18.7 LT
+70.3
12.1 LT

18'

10.5'
30.5'
+00

6'
7'
13'
16
10'
10'
11'
17
18

EX ROW

R 60'
R 50'
R 15'

+29.6
72.1 LT
+47.6
76.9 LT
6'
2 LT

PROJECT ENDS:
STA. 15+89.64

+95.9
4.3 RT

EX ROW

L103

20 LT

0 20 40
SCALE IN FEET

PROJECT ENDS:
STA. 15+89.64

L = 145.00'
K = 62.73

VPT 15+63.09
EL 656.89

EX PGL SHERIDAN RD

PR PGL SHERIDAN RD

660
655
650
645

656.51
656.55
657.62
657.92
659.56
661.08
662.08

15+50
16+00
16+50
17+00
17+50
18+00

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PLOT DATE = 5/23/2025	DATE -	REVISED -

CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
PROPOSED ROADWAY PLAN AND PROFILE

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA.15+00.00 TO STA. 21+00.00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	13
		ILLINOIS	FED. AID PROJECT	

STAGING AND TRAFFIC CONTROL GENERAL NOTES

1. THE CONTRACTOR WILL MAKE NECESSARY PROVISIONS FOR EMERGENCY ACCESS TO STREETS THAT ARE TO BE CLOSED. COST WILL BE INCLUDED IN TRAFFIC CONTROL AND PROTECTION ITEMS OR STANDARDS.
2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 7 CALENDAR DAYS IN ADVANCE OF TRAFFIC CONTROL SWITCH BETWEEN STAGES. THE CONTRACTOR SHALL ALSO CONFIRM THE PLANNED STAGE CHANGE WITH THE ENGINEER 24 HOURS PRIOR.
3. PRIOR TO REMOVING TRAFFIC CONTROL AND OPENING CLOSED PAVEMENT ARES TO TRAFFIC, THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION PAY ITEMS.
4. PAVEMENT, CURB SIDEWALK AND DRIVEWAYS TO BE REMOVED MUST BE COMPLETELY REMOVED FROM THE SITE BY THE END OF THE DAY. NO REMOVAL ITEMS MAY BE STORED ON SITE.
5. THE CONTRACTOR SHALL SUBMIT THEIR SEQUENCE OF CONSTRUCTION TO THE ENGINEER FOR REVIEW.

TRAFFIC CONTROL AND PROTECTION

1. MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES USING STANDARD 701501 AND 701701.
2. AT A MINIMUM ONE LANE IN EACH DIRECTION SHALL BE MAINTAINED WITH AN AGGREGATE SURFACE OR STEEL PLATES DURING NON-WORKING HOURS. OPEN TRENCHES WILL NOT BE ALLOWED.
3. RESURFACING SHALL BE DONE USING STANDARD 701306.

STAGING DESCRIPTION

STAGE 1

CONSTRUCTION:

1. CONSTRUCT THE SANITARY SEWER AND SERVICES IN AREAS USING THE AUGER AND RECIEVING PITS.
2. CONSTRUCT THE STORM SEWER.
3. CONSTRUCT THE WATERMAIN.
4. CONSTRUCT THE REMAINING SANITARY SEWER AND SERVICES.

TRAFFIC CONTROL:

1. UTILIZE STANDARD 701501 AND 701701.

STAGE 2

CONSTRUCTION:

1. ROADWAY AND DRIVEWAY RECONSTRUCTION.

TRAFFIC CONTROL:

1. UTILIZE STANDARD 701501 AND 701701.

STAGE 3

CONSTRUCTION:

1. CONSTRUCT SURFACE COURSE.

TRAFFIC CONTROL:

1. UTILIZE STANDARD 701306.

STAGE 4

CONSTRUCTION:

1. LANDSCAPING.

TRAFFIC CONTROL:

1. UTILIZE STANDARD 701006.

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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
MAINTENANCE OF TRAFFIC GENERAL NOTES AND CONSTRUCTION STAGING

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	14
		ILLINOIS	FED. AID PROJECT	

ROAD CONSTRUCTION AHEAD

W20-1
48"x48"

TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)

EDGECLIFF DR

EX ROW

SHERIDAN RD

10+00

10'

10'

12'

EX ROW

TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)

EX ℄ SHERIDAN RD

EX ROW

EX ROW

ROAD CONSTRUCTION AHEAD

W20-1
48"x48"

LEGEND

- DIRECTION OF TRAFFIC
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
- TEMPORARY CONCRETE BARRIER (PINNED)
- AUGER OR RECEIVING PIT
- TYPE III BARRICADE
- TEMPORARY FENCE

0 20 40
SCALE IN FEET

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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
MAINTENANCE OF TRAFFIC PLAN HORIZONTAL DIRECTIONAL DRILLING

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. 9+00.00 TO STA. 15+00.00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	15
		ILLINOIS	FED. AID PROJECT	

PROJECT BEGINS:
STA. 10+31.81

EX ℄ SHERIDAN RD

SHERIDAN RD

EDGECLIFF DR

EX ROW

8" CLAY

8" CLAY

24" RCP

8"

16"

15"

12

11

13

14

9

10+00

2662

2674

2684

2700

2661

2693

SCALE IN FEET
0 20 40

SEE SHEET: 17
MATCHLINE STA 15+00.00

SS-11
CB, TY A, 4'-DIA, SPECIAL F&G
S/O/E AT GUTTER FL
STA 9+89.4, O/S 20.5 RT
RIM = 649.50
EX INV = 645.90 N - 10"
EX INV = 646.20 W - 8"

PR CB CONNECTION
OVER EX STORM SEWER

SS-12
CB, TY A, 5'-DIA, SPECIAL F&G
S/O/E AT GUTTER FL
STA 10+23.8, O/S 22.3 RT
RIM = 648.95
INV = 645.00 N - 18"
EX INV = 644.97 S - 10"
EX INV = 644.42 E - 24"
EX INV = 645.57 W - 8"

SS-01
CB TY A, 4'-DIA, TY 1 OL
S/O/E AT EOP
STA 11+35.0, O/S 12.5 RT
RIM = 654.15
INV = 647.38 N,S - 18"

SS-02
MH TY A, 4'-DIA, TY 1 OL
S/O/E AT EOP
STA 11+92.0, O/S 10.5 RT
RIM = 655.11
INV = 647.91 N,S - 18"

SS-03
CB TY A, 4'-DIA, TY 1 OL
S/O/E AT EOP
STA 12+64.2, O/S 10.5 RT
RIM = 654.16
INV = 648.52 N,S - 18"
EX INV = 652.01 SE - 6" PVC
EX INV = 650.71 NW - 8" CLAY

SS-04
CB TY A, 4'-DIA, TY SPECIAL F&G
S/O/E AT GUTTER FL
STA 12+93.1, O/S 11.5 RT
RIM = 653.93
INV = 648.76 N,S - 18"

SS-05A
CB TY A, 4'-DIA, TY SPECIAL F&G
S/O/E AT GUTTER FL
STA 13+07.0, O/S 11.5 RT
RIM = 653.94
INV = 649.11 N,S - 15"

SS-05
CB TY A, 4'-DIA, TY SPECIAL F&G
S/O/E AT GUTTER FL
STA 13+00.0, O/S 11.5 RT
RIM = 653.93
INV = 649.08 N - 15"
INV = 648.80 S - 18"

PR CB CONNECTION
OVER EX STORM SEWER

SS-06
CB TY A, 4'-DIA, TY 1 OL
S/O/E AT EOP
STA 13+47.3, O/S 10.5 RT
RIM = 654.16
INV = 649.30 N,S - 15"
INV = 650.32 W - 8"

SS-06A
INLET TY A, TY 1 CL
S/O/E AT CENTER
STA 13+57.8, O/S 15.8 LT
RIM = 655.20
INV = 650.58 SE - 8"
EX INV = 653.63 W - 6"

PR CB CONNECTION
OVER EX
STORM SEWER

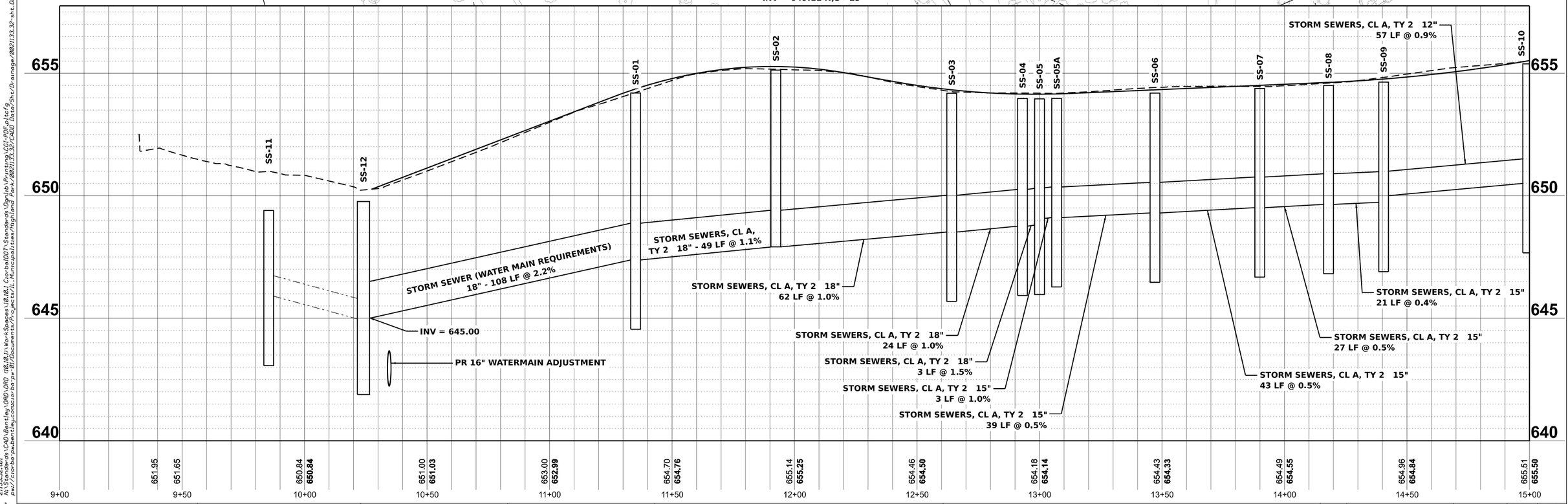
STORM SEWER (WM REQ) 8"
27 LF @ 1.0%

SS-07
CB TY A, 4'-DIA, TY 1 OL
S/O/E AT EOP
STA 13+90.0, O/S 10.5 RT
RIM = 654.35
INV = 649.51 N,S - 15"

SS-08
CB TY A, 4'-DIA, TY 1 OL
S/O/E AT EOP
STA 14+18.0, O/S 10.5 RT
RIM = 654.47
INV = 649.65 N,S - 15"

SS-09
CB TY A, 4'-DIA, TY 1 OL
S/O/E AT EOP
STA 14+40.5, O/S 10.5 RT
RIM = 654.60
INV = 650.00 N - 12"
INV = 649.73 S - 15"

SS-10
CB TY A, 4'-DIA, TY 1 OL
S/O/E AT EOP
STA 14+99.3, O/S 10.5 RT
RIM = 655.31
INV = 651.75 W - 8"
INV = 650.50 S,N - 12"



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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
PROPOSED DRAINAGE PLAN AND PROFILE

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	16
		ILLINOIS	FED. AID PROJECT	

SS-10A
INLET TY A, TY 1 CL
S/O/E AT CENTER
STA 15+23.7, O/S 41.2 LT
RIM = 657.07
INV = 652.29 E - 8"
EX INV = 654.50 - 6"

PR CB CONNECTION
OVER EX
STORM SEWER

SS-10B
CB TY A, 4'-DIA, TY 1 OL
S/O/E AT EOP
STA 15+54.0, O/S 18.5 RT
RIM=656.38
INV = 651.88 S - 12"

STORM SEWER (WM REQ) 8"
55 LF @ 1.0%

SEE SHEET: 16
MATCHLINE STA 15+00.00

EX ROW

SHERIDAN RD

EX ℄ SHERIDAN RD

PROJECT ENDS:
STA. 15+89.64

2714
2736
2744

0 20 40
SCALE IN FEET

660
655
650
645

SS-10
SS-10B

PROJECT ENDS:
STA. 15+89.64

EX PGL SHERIDAN RD

PR PGL SHERIDAN RD

STORM SEWERS, CL A, TY 2 12"
56 LF @ 2.5%

656.51
656.55
657.92
657.88

15+50
16+00

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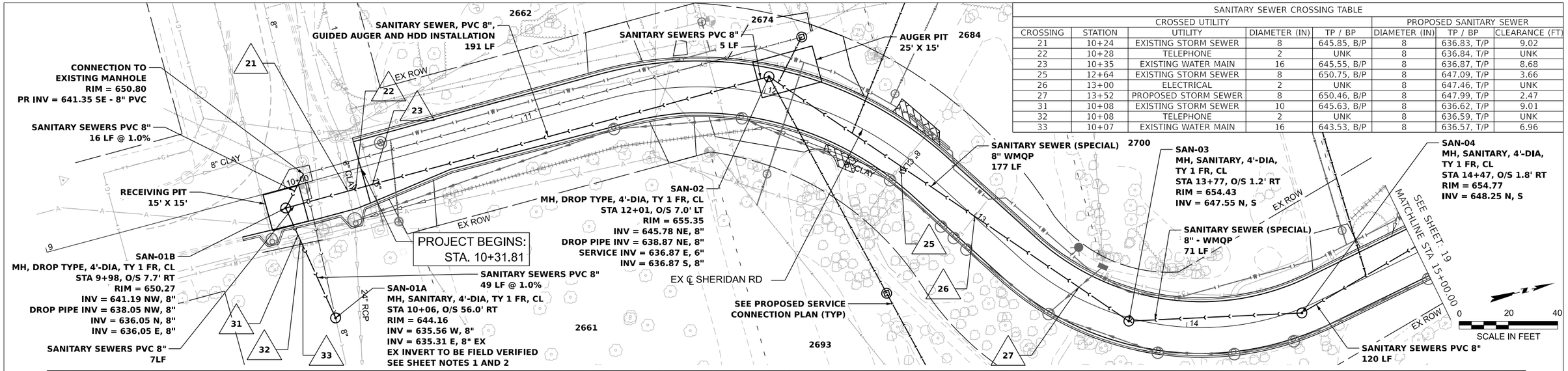
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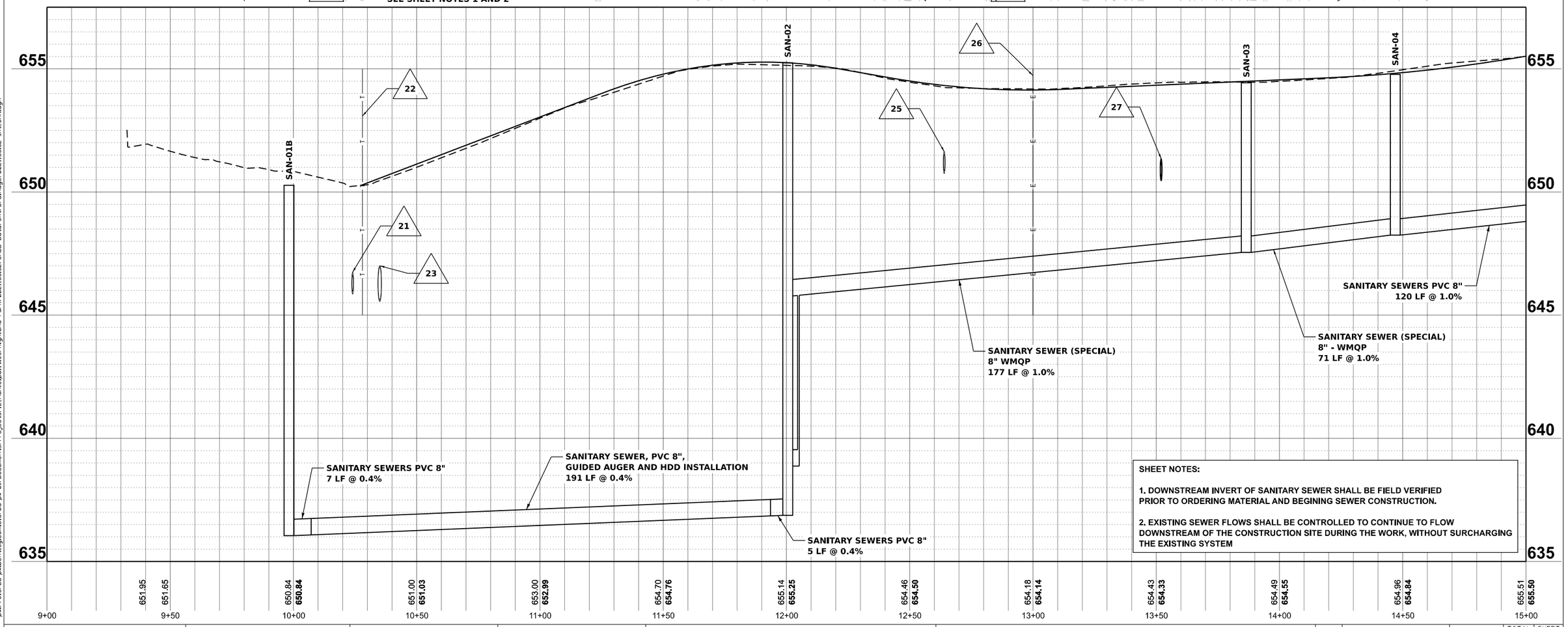
SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
PROPOSED DRAINAGE PLAN AND PROFILE

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	17
		ILLINOIS	FED. AID PROJECT	



SANITARY SEWER CROSSING TABLE							
CROSSED UTILITY					PROPOSED SANITARY SEWER		
CROSSING	STATION	UTILITY	DIAMETER (IN)	TP / BP	DIAMETER (IN)	TP / BP	CLEARANCE (FT)
21	10+24	EXISTING STORM SEWER	8	645.85, B/P	8	636.83, T/P	9.02
22	10+28	TELEPHONE	2	UNK	8	636.84, T/P	UNK
23	10+35	EXISTING WATER MAIN	16	645.55, B/P	8	636.87, T/P	8.68
25	12+64	EXISTING STORM SEWER	8	650.75, B/P	8	647.09, T/P	3.66
26	13+00	ELECTRICAL	2	UNK	8	647.46, T/P	UNK
27	13+52	PROPOSED STORM SEWER	8	650.46, B/P	8	647.99, T/P	2.47
31	10+08	EXISTING STORM SEWER	10	645.63, B/P	8	636.62, T/P	9.01
32	10+08	TELEPHONE	2	UNK	8	636.59, T/P	UNK
33	10+07	EXISTING WATER MAIN	16	643.53, B/P	8	636.57, T/P	6.96



SHEET NOTES:

1. DOWNSTREAM INVERT OF SANITARY SEWER SHALL BE FIELD VERIFIED PRIOR TO ORDERING MATERIAL AND BEGINING SEWER CONSTRUCTION.

2. EXISTING SEWER FLOWS SHALL BE CONTROLLED TO CONTINUE TO FLOW DOWNSTREAM OF THE CONSTRUCTION SITE DURING THE WORK, WITHOUT SURCHARGING THE EXISTING SYSTEM

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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
PROPOSED SANITARY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	18
		ILLINOIS	FED. AID PROJECT	

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SEE PROPOSED SERVICE CONNECTION PLAN (TYP)

2714

2736

2744

EX ROW

SEE SHEET: 18
MATCHLINE STA 15+00.00

15+00

SANITARY SEWER (SPECIAL)
8" - WMQP
88 LF

SAN-06
MH, SANITARY, 4'-DIA, TY 1 FR, CL
STA 16+53, O/S 1.5' RT
RIM = 659.67
INV = 650.40 S
INV = 652.00 N

28
29
30

SAN-05
MH, SANITARY, 4'-DIA, TY 1 FR, CL
RIM = 656.98
STA 15+66, O/S 2.8' RT
INV = 649.50 N, S

EX ℄ SHERIDAN RD

0 20 40
SCALE IN FEET

SANITARY SEWER CROSSING TABLE							
CROSSED UTILITY					PROPOSED SANITARY SEWER		
CROSSING	STATION	UTILITY	DIAMETER (IN)	TP / BP	DIAMETER (IN)	TP / BP	CLEARANCE (FT)
28	15+05	PROPOSED STORM SEWER	8	651.88, B/P	8	649.57, T/P	2.31
29	16+06	GAS	2	UNK	8	650.61, T/P	UNK
30	16+16	PROPOSED WATER MAIN	8	652.20, B/P	8 - WMQ	650.70, T/P	1.50

SAN-05

SAN-06

660
655
650
645

656.51
656.55
657.92
657.88

SANITARY SEWERS PVC 8"
120 LF @ 1.0%

SANITARY SEWER (SPECIAL)
8" - WMQP
88 LF @ 1.0%

15+50 16+00 16+50 17+00 17+50 18+00

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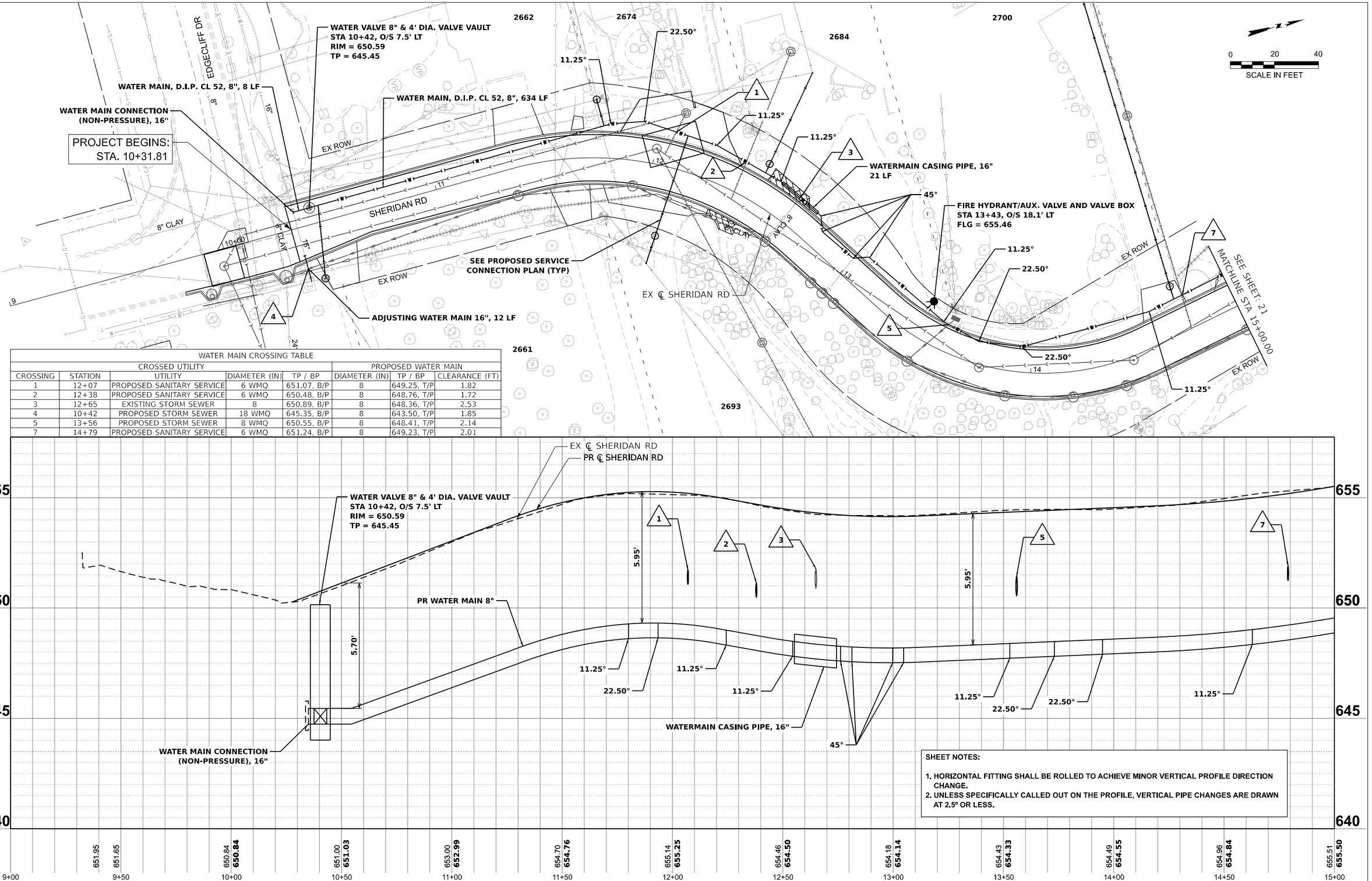
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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
PROPOSED SANITARY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	19
		ILLINOIS	FED. AID PROJECT	



WATER MAIN CROSSING TABLE							
CROSSED UTILITY					PROPOSED WATER MAIN		
CROSSING	STATION	UTILITY	DIAMETER (IN)	TP / BP	DIAMETER (IN)	TP / BP	CLEARANCE (FT)
1	12+07	PROPOSED SANITARY SERVICE	6 WMQ	651.07, B/P	8	649.25, T/P	1.82
2	12+38	PROPOSED SANITARY SERVICE	6 WMQ	650.48, B/P	8	648.76, T/P	1.72
3	12+65	EXISTING STORM SEWER	8	650.89, B/P	8	648.36, T/P	2.53
4	10+42	PROPOSED STORM SEWER	18 WMQ	645.35, B/P	8	643.50, T/P	1.85
5	13+56	PROPOSED STORM SEWER	8 WMQ	650.55, B/P	8	648.41, T/P	2.14
7	14+79	PROPOSED SANITARY SERVICE	6 WMQ	651.24, B/P	8	649.23, T/P	2.01

SHEET NOTES:

1. HORIZONTAL FITTING SHALL BE ROLLED TO ACHIEVE MINOR VERTICAL PROFILE DIRECTION CHANGE.
2. UNLESS SPECIFICALLY CALLED OUT ON THE PROFILE, VERTICAL PIPE CHANGES ARE DRAWN AT 2.5° OR LESS.

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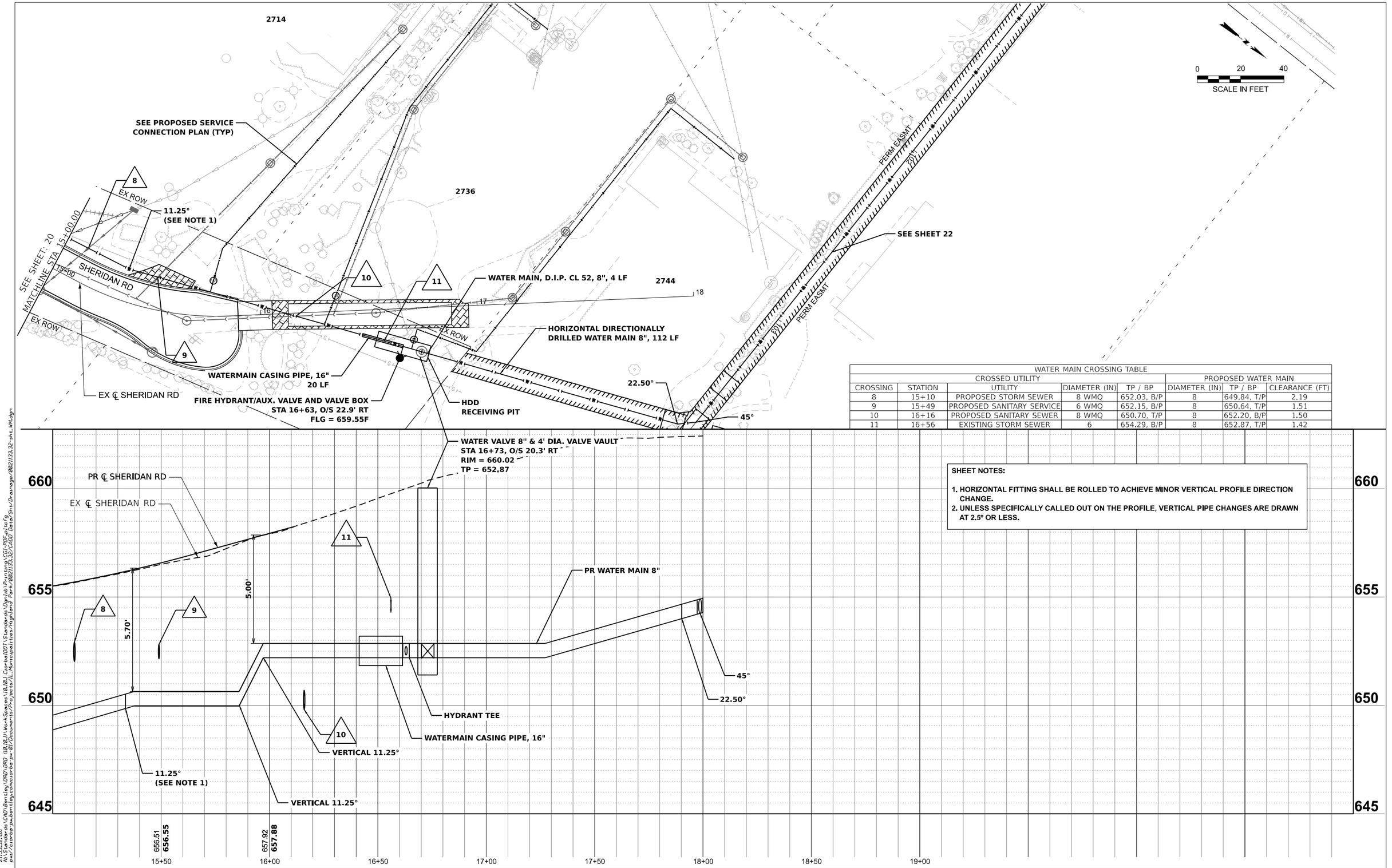
CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
PROPOSED WATERMAIN PLAN AND PROFILE

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	20
		ILLINOIS	FED. AID PROJECT	

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WATER MAIN CROSSING TABLE							
CROSSED UTILITY					PROPOSED WATER MAIN		
CROSSING	STATION	UTILITY	DIAMETER (IN)	TP / BP	DIAMETER (IN)	TP / BP	CLEARANCE (FT)
8	15+10	PROPOSED STORM SEWER	8 WMQ	652.03, B/P	8	649.84, T/P	2.19
9	15+49	PROPOSED SANITARY SERVICE	6 WMQ	652.15, B/P	8	650.64, T/P	1.51
10	16+16	PROPOSED SANITARY SEWER	8 WMQ	650.70, T/P	8	652.20, B/P	1.50
11	16+56	EXISTING STORM SEWER	6	654.29, B/P	8	652.87, T/P	1.42

SHEET NOTES:

1. HORIZONTAL FITTING SHALL BE ROLLED TO achieve MINOR VERTICAL PROFILE DIRECTION CHANGE.
2. UNLESS SPECIFICALLY CALLED OUT ON THE PROFILE, VERTICAL PIPE CHANGES ARE DRAWN AT 2.5° OR LESS.

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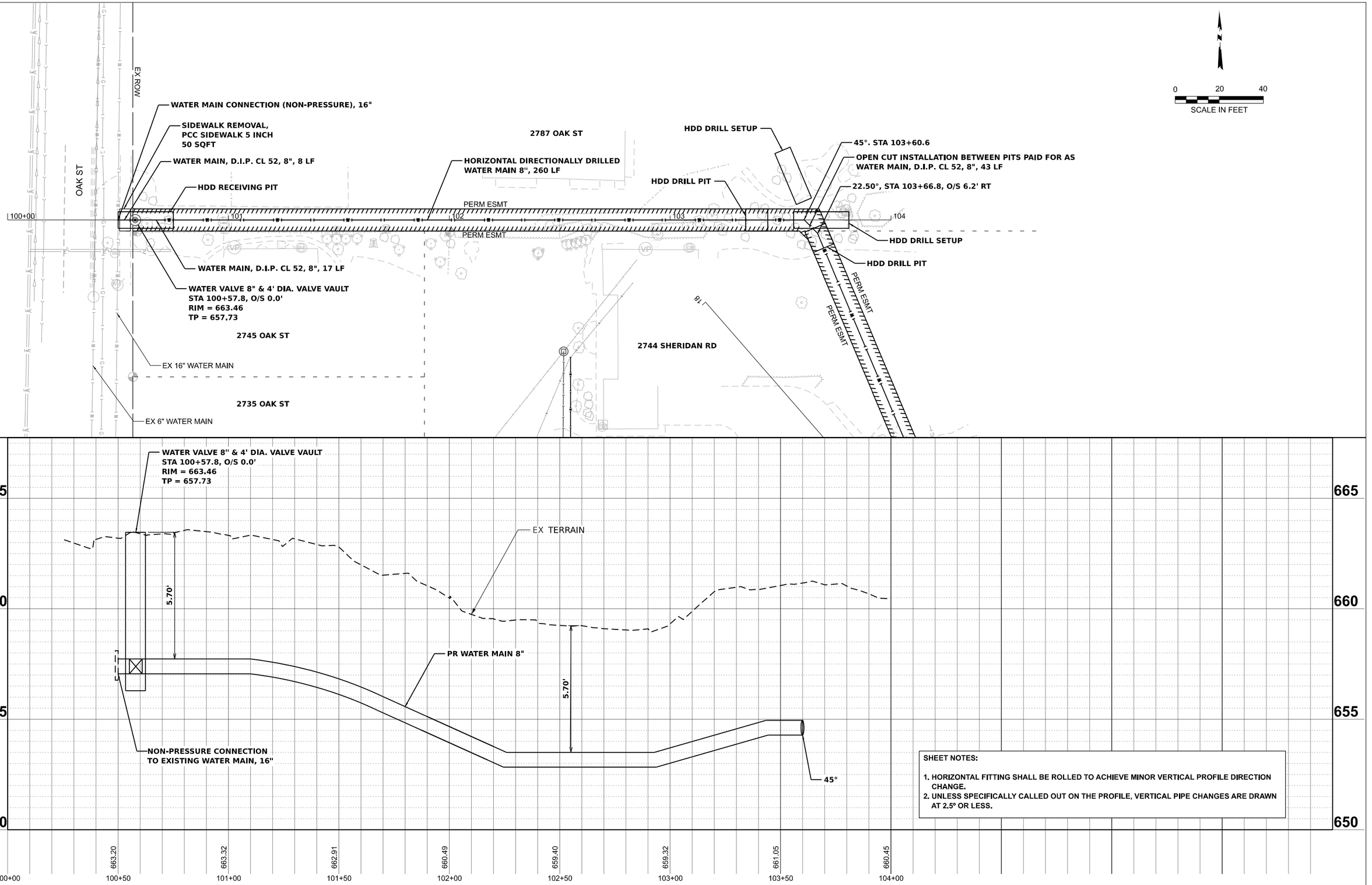
CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
PROPOSED WATERMAIN PLAN AND PROFILE

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	21

ILLINOIS | FED. AID PROJECT



SHEET NOTES:

1. HORIZONTAL FITTING SHALL BE ROLLED TO ACHIEVE MINOR VERTICAL PROFILE DIRECTION CHANGE.
2. UNLESS SPECIFICALLY CALLED OUT ON THE PROFILE, VERTICAL PIPE CHANGES ARE DRAWN AT 2.5° OR LESS.

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8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

USER NAME = askonicki	DESIGNED - DDH	REVISED -
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PLOT DATE = 5/23/2025	DATE - 4/14/2025	REVISED -

CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
PROPOSED WATERMAIN PLAN AND PROFILE

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	22
		ILLINOIS	FED. AID PROJECT	

PROJECT BEGINS:
STA. 10+31.81

EDGECLIFF DR

SHERIDAN RD

EX ROW

8" CLAY

10+00

B
34 LF

DOMESTIC METER VAULT
REMOVED AND REPLACE
WITH NEW METER VAULT

24" RCP

24" CMP

2662

2674

2684

2700

2693

2661

SANITARY
CLEANOUT, 6"
INV = 651.39

6" PVC @ 3.3%

SANITARY SERVICE CONNECTION
INV = 650.70 AT RISER

B
13 LF

D
21 LF

SANITARY
SERVICE
AT MANHOLE
INV = 636.87

B
61 LF

SANITARY
CLEANOUT, 6"
INV = 638.88

D
175 LF
(SEE SHEET NOTE 2, TYP.)

CONNECTION TO EXISTING MANHOLE
INV = 640.37

SANITARY
CLEANOUT, 6"
INV = 652.20

6" PVC @ 3.2%

D
73 LF

B
51 LF

SANITARY
SERVICE
CONNECTION
INV = 649.87
AT RISER

6" PVC @ 2.0%

SANITARY
CLEANOUT, 6"
INV = 659.75

LEAD WATER SERVICE
REPLACEMENT

6" PVC @ 5.1%

SANITARY
CLEANOUT, 6"
INV = 658.03

D
243 LF

SANITARY
CLEANOUT, 6"
INV = 654.38

B
243 LF

6" PVC @ 3.7%

EX ℄ SHERIDAN ROAD

B-BOX

SANITARY SERVICE CONNECTION
INV = 650.69 AT RISER

SEE SHEET: 24
MATCHLINE STA 15+00.00

0 20 40
SCALE IN FEET

LEGEND

- A — SADDLE TAP, 1-1/2"
- B — WATER SERVICE LINE, COPPER REPLACEMENT, 1-1/2"
- C — NEW DOMESTIC METER VAULT
- D — SANITARY SEWER SERVICE 6"
- E — ABANDON EXISTING WATER SERVICE
- F — ABANDON EXISTING SANITARY SERVICE

SHEET NOTES:

1. SANITARY SERVICE AND CLEANOUT INVERT ELEVATIONS ARE ESTIMATED. INVERTS AND SLOPES MAY BE ADJUSTED IN THE FIELD SO LONG AS A 2% MINIMUM SLOPE, 4-FOOT MINIMUM COVER, AND IEPA VERTICAL CLEARANCES, ARE ATTAINED.
2. ALL SANITARY SEWER SERVICES SHALL BE INSTALLED VIA HORIZONTAL DIRECTIONAL DRILLING (HDD) TO THE MAXIMUM EXTENT POSSIBLE. SANITARY SEWER SERVICES MAY BE INSTALLED AS OPEN CUT WITH PRIOR APPROVAL BY THE CITY.

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P 773.775.4009 | www.ciorba.com

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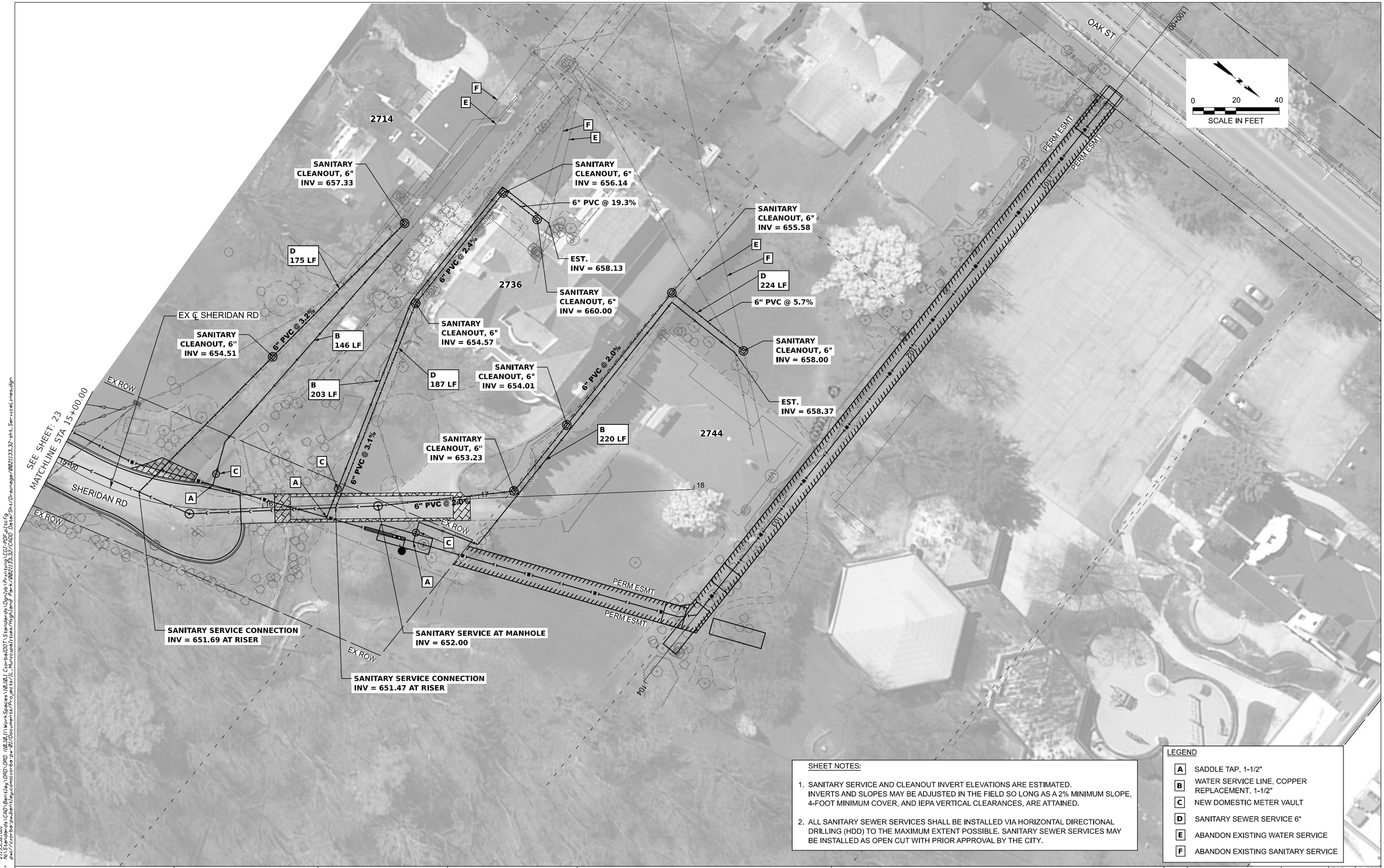
CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
PROPOSED SERVICE CONNECTION PLAN

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	23
		ILLINOIS	FED. AID PROJECT	

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SHEET NOTES:

1. SANITARY SERVICE AND CLEANOUT INVERT ELEVATIONS ARE ESTIMATED. INVERTS AND SLOPES MAY BE ADJUSTED IN THE FIELD SO LONG AS A 2% MINIMUM SLOPE, 4-FOOT MINIMUM COVER, AND IEPA VERTICAL CLEARANCES, ARE ATTAINED.
2. ALL SANITARY SEWER SERVICES SHALL BE INSTALLED VIA HORIZONTAL DIRECTIONAL DRILLING (HDD) TO THE MAXIMUM EXTENT POSSIBLE. SANITARY SEWER SERVICES MAY BE INSTALLED AS OPEN CUT WITH PRIOR APPROVAL BY THE CITY.

LEGEND

- A — SADDLE TAP, 1-1/2"
- B — WATER SERVICE LINE, COPPER REPLACEMENT, 1-1/2"
- C — NEW DOMESTIC METER VAULT
- D — SANITARY SEWER SERVICE 6"
- E — ABANDON EXISTING WATER SERVICE
- F — ABANDON EXISTING SANITARY SERVICE

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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
PROPOSED SERVICE CONNECTION PLAN

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	24

ILLINOIS | FED. AID PROJECT

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EROSION CONTROL AND LANDSCAPING NOTES

1. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN OR NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.

2. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.

3. PROPERTIES AND CHANNELS ADJOINING THE DEVELOPMENT SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.

4. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

5. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.

6. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION, DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURES).

7. ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.

8. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF LAKE COUNTY.

9. CLEANING OF VEHICLES AND EQUIPMENT SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT POSSIBLE.

10. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAINANY FUEL OR POLLUTION RUNOFF. LEAKY EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

11. ALL PERMANENT SEEDING SHALL BE FERTILIZED WITH NITROGEN, AND POTASSIUM FERTILIZER NUTRIENTS IN ACCORDANCE WITH SECTION 250 OF THE STANDARD SPECIFICATIONS.

12. CONTRACTOR SHALL PROVIDE AN IN-STREAM WORK PLAN FOR REVIEW BY THE RESIDENT ENGINEER AND WRITTEN APPROVAL BY THE ARMY CORPS AND LAKE COUNTY SMC PRIOR TO STARTING ANY IN-STREAM WORK. ANY CONSTRUCTION WORKS ASSOCIATED WITH IN-STREAM PLAN WILL BE INCLUDED IN RIP RAP COSTS, AND WILL NOT BE PAID SEPARATELY. THE IN-STREAM WORKS INCLUDE, BUT NOT LIMITED TO, FLOW DIVERSION, DE-WATERING AND TEMPORARY COFFERDAM INSTALLATION.

13. THE PORTION OF THE SIDE SLOPE THAT IS ABOVE THE OBSERVED WATER ELEVATION SHALL BE STABILIZED AS SPECIFIED IN THE PLANS PRIOR TO ACCEPTING FLOWS. THE SUBSTRATE AND TOE OF SLOPE THAT HAS BEEN DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO PROPOSED OR PRE-CONSTRUCTION CONDITIONS AND FULLY STABILIZED PRIOR TO ACCEPTING FLOWS.

14. STOCKPILES REMAINING IN PLACE FOR MORE THAN SEVEN (7) DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING AND EROSION CONTROL BLANKET.

LAKE COUNTY SMC EROSION CONTROL NOTES

A. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

B. FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM: UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS),PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.

C. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.

D. A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

E. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.

F. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.

G. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE ENFORCEMENT OFFICER.

H. APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.

I. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.

J. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DEWATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE ENFORCEMENT OFFICER, OR APPROVED REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES. THE LAKE COUNTY STORMWATER MANAGEMENT COMMISSION INSPECTOR MUST BE NOTIFIED PRIOR TO THE START OF ANY DEWATERING ACTIVITIES.

K. IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.

L. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.

M. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.

LAKE COUNTY SMC TYPICAL CONSTRUCTION SEQUENCE

1. INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL SE/SC MEASURES
   - A. SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION
   - B. SILT FENCE INSTALLATION
   - C. CONSTRUCTION FENCING AROUND AREAS NOT TO BE DISTURBED
   - D. STABILIZED CONSTRUCTION ENTRANCE

2. TREE REMOVAL WHERE NECESSARY (CLEAR & GRUB)

3. CONSTRUCT SEDIMENT TRAPPING DEVICES (SEDIMENT TRAPS, BASINS…)

4. CONSTRUCT DETENTION FACILITIES AND OUTLET CONTROL STRUCTURE WITH RESTRICTOR & TEMPORARY PERFORATED RISER

5. STRIP TOPSOIL, STOCKPILE TOPSOIL AND GRADE SITE

6. TEMPORARILY STABILIZE TOPSOIL STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE)

7. INSTALL STORM SEWER, SANITARY SEWER, WATER AND ASSOCIATED INLET & OUTLET PROTECTION

8. PERMANENTLY STABILIZE DETENTION BASINS WITH SEED AND EROSION CONTROL BLANKET

9. TEMPORARILY STABILIZE ALL AREAS INCLUDING LOTS THAT HAVE REACHED TEMPORARY GRADE

10. INSTALL ROADWAYS

11. PERMANENTLY STABILIZE ALL OUTLOT AREAS

12. INSTALL STRUCTURES AND GRADE INDIVIDUAL LOTS

13. PERMANENTLY STABILIZE LOTS

14. REMOVE ALL TEMPORARY SE/SC MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION

* SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR EVERY TWO WEEKS AND AFTER EVERY ½ OR GREATER RAINFALL EVENT

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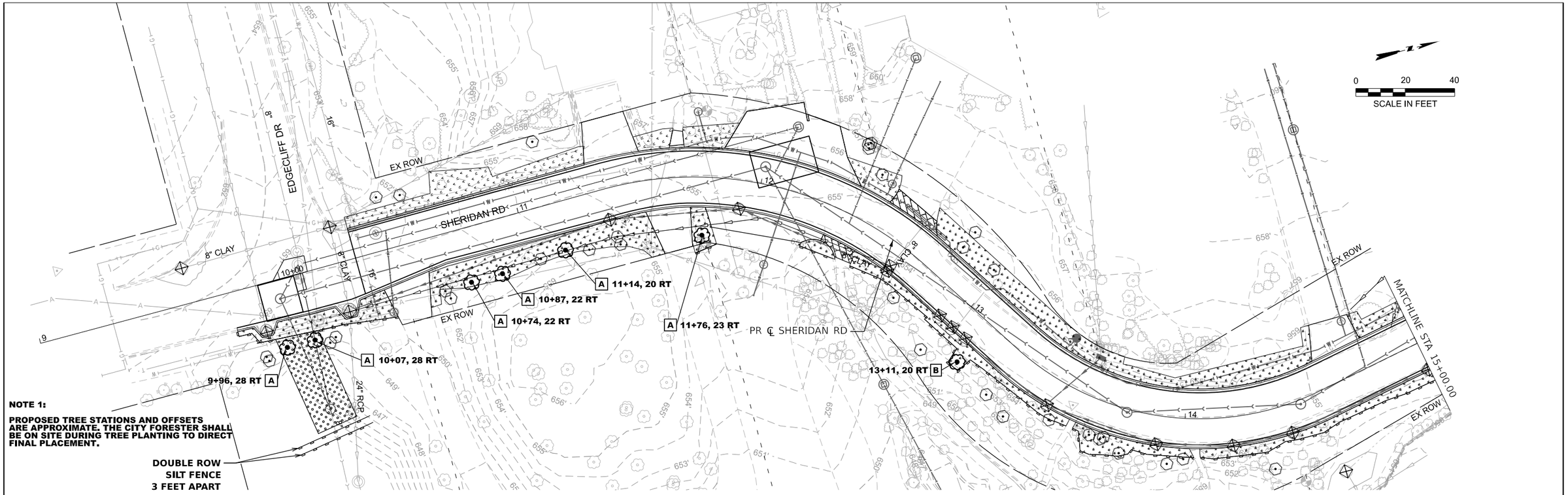
CITY OF HIGHLAND PARK

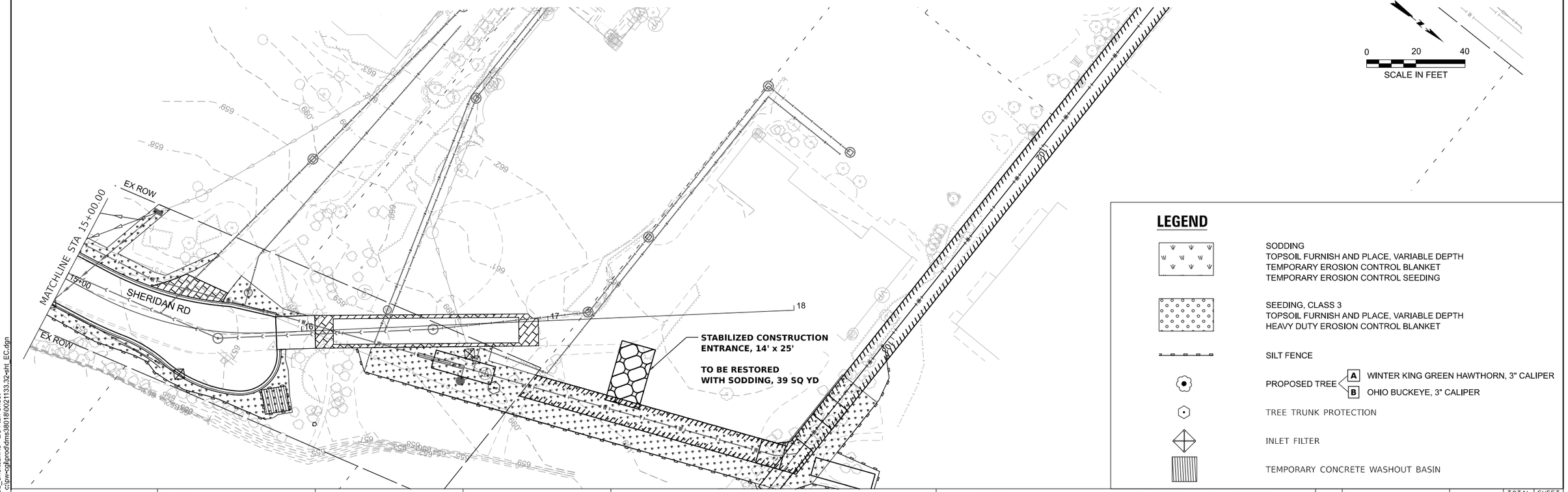
SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
EROSION CONTROL AND LANDSCAPING NOTES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	25
		ILLINOIS	FED. AID PROJECT	

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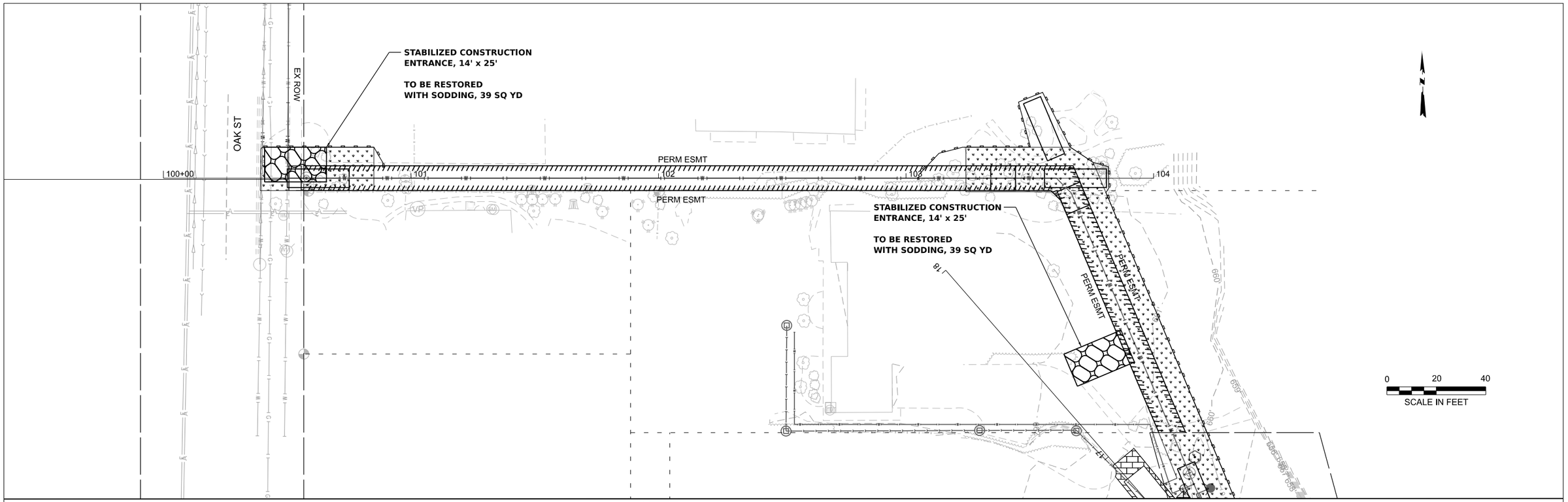
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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
EROSION CONTROL AND LANDSCAPING PLAN

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	26
		ILLINOIS	FED. AID PROJECT	



LEGEND

SODDING
TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH
TEMPORARY EROSION CONTROL BLANKET
TEMPORARY EROSION CONTROL SEEDING

SEEDING, CLASS 3
TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH
HEAVY DUTY EROSION CONTROL BLANKET

SILT FENCE

PROPOSED TREE
A WINTER KING GREEN HAWTHORN, 3" CALIPER
B OHIO BUCKEYE, 3" CALIPER

TREE TRUNK PROTECTION

INLET FILTER

TEMPORARY CONCRETE WASHOUT BASIN

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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
EROSION CONTROL AND LANDSCAPING PLAN

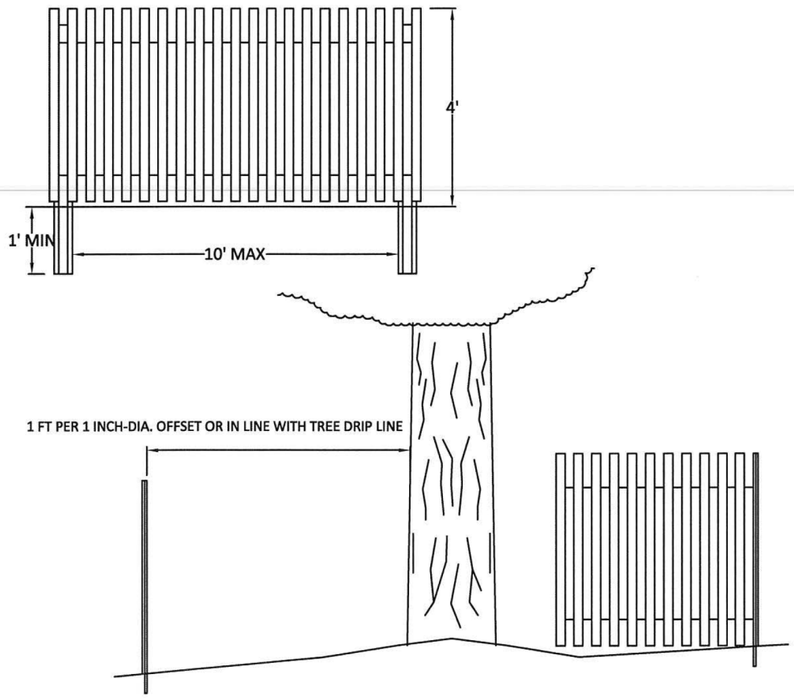
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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	27
	ILLINOIS	FED. AID PROJECT		

Install & maintain 4' tall wooden slat fence secured to metal posts spaced a maximum of 10' apart. The tree fence shall be 1 foot from the tree trunk for each inch of diameter measured 4.5' from ground level. The fence must be secured to the metal post with a minimum of 4 ties.

Installation shall be approved by the CITY FORESTER before the start of the project.

Failure to install and maintain protective tree fencing in accordance with City Standards will result in a ticket or a "STOP WORK ORDER" on the project.



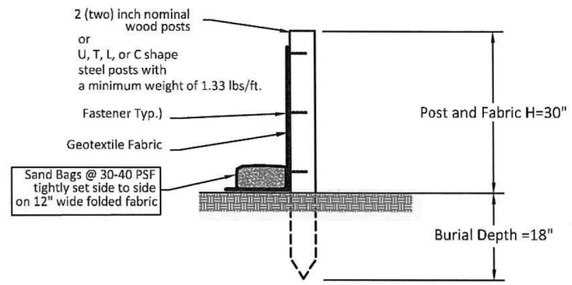
TREE PROTECTION DETAIL

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

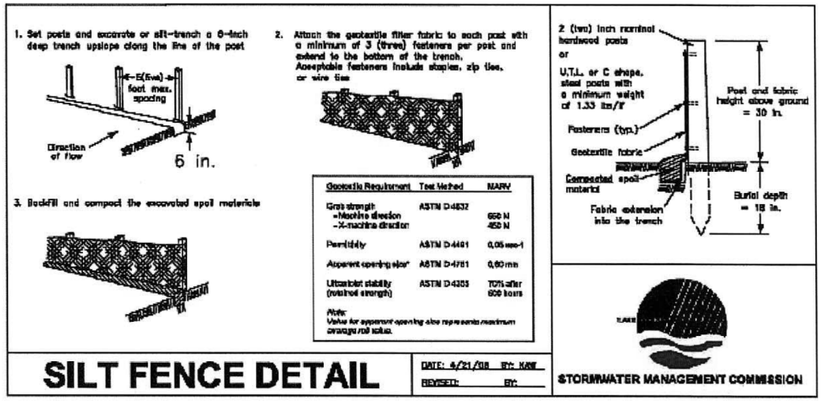
H.P. DWG. No. FOR-1041
Drawn By: M.B.
Revised By: E.J.

DATE: 27th Sept. 2013
Approved By:J.M.W.

1



ALTERNATE TO FABRIC TRENCH
(WITH SAND BAGS)



SILT FENCE DETAIL

DATE: 4/21/08 BY: KAW
REVISED: BY:

STORMWATER MANAGEMENT COMMISSION

SILT FENCE DETAIL & Alternate Detail
(USE L.C.S.M.C STD. DETAIL)

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. DWG. No. FOR-1042A, Silt Fence-Alternate
Drawn By: M.B.
Revised By: E.J.

DATE: 14 Feb 2017
Approved By: E.Gomez

2

2

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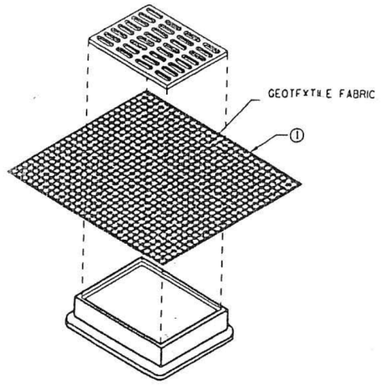
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CITY OF HIGHLAND PARK

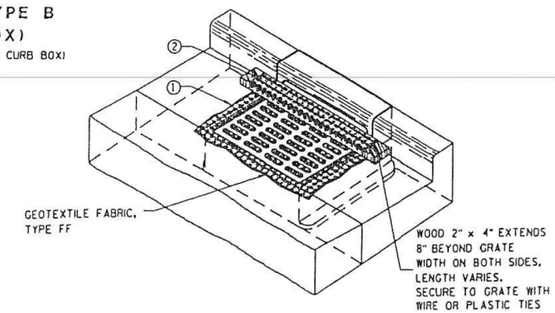
SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
HIGHLAND PARK STANDARD DETAILS

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	28
		ILLINOIS	FED. AID PROJECT	



INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES:

1. TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.
2. TYPE C SHALL BE UTILIZED WITH CURB HEADS, A $1\frac{1}{2}$" X $3\frac{1}{2}$" MINIMUM, PIECE OF LUMBER SHALL BE WRAPPED AND SECURED IN THE FABRIC AND PLACED IN FRONT OF THE CURB HEAD AS SHOWN ON THE PLAN. THE LUMBER SHALL NOT BLOCK THE ENTIRE OPENING OF THE CURB BOX AND BE SECURED TO THE GRATE WITH WIRE OR PLASTIC TIES.

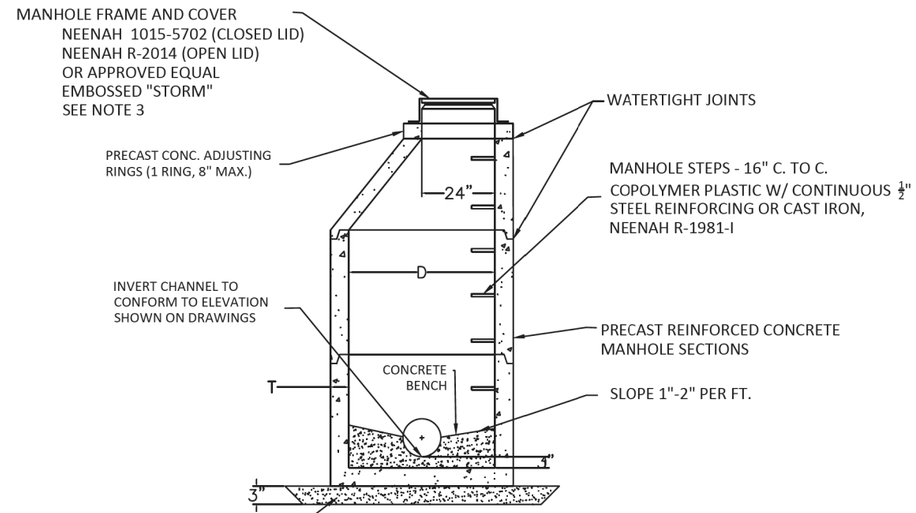
3. ALL FABRICS USED AS PART OF AN INLET PROTECTION DEVICE MUST BE SELECTED FROM THE LIST OF APPROVED FABRICS CERTIFIED FOR INLET PROTECTION, GEO-TEXTILE FABRIC, IN ACCORDANCE WITH STATE STANDARD SPECS FOR ROAD AND BRIDGES CONSTRUCTION - JANUARY 1, 2012, ARTICLE 1080.05 ON PAGE 971.

INLET PROTECTION (TYPE B - W/O CURB BOX; TYPE C - W/ CURB BOX)

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. DWG. No. STR-1037
Drawn By: M.B.
Revised By: E.J.

DATE: 27th Sept. 2013
Approved By: J.M.W.



If D=4', then T=4"
If D=5', then T=5"

NOTES:
1. USE ECCENTRIC CONES UNLESS OTHERWISE INDICATED ON THE DRAWINGS. FLAT SLAB TOPS PERMITTED ONLY FOR MANHOLES TOO SHALLOW FOR CONES.
2. USE:
   4'-0" DIAMETER FOR SEWER SIZES 12" THRU 24",
   5'-0" DIAMETER FOR SEWER SIZES 27" AND LARGER
   UNLESS OTHERWISE NOTED.
3. FOR CLOSED LIDS USE ITEM: HIGHLAND PARK FRAME LID (SPECIAL).

STORM SEWER MANHOLE DETAIL

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. DWG. No. ST-1013
Drawn By: M.B.
Revised By: JP3

DATE: 26th March 2019
Approved By:

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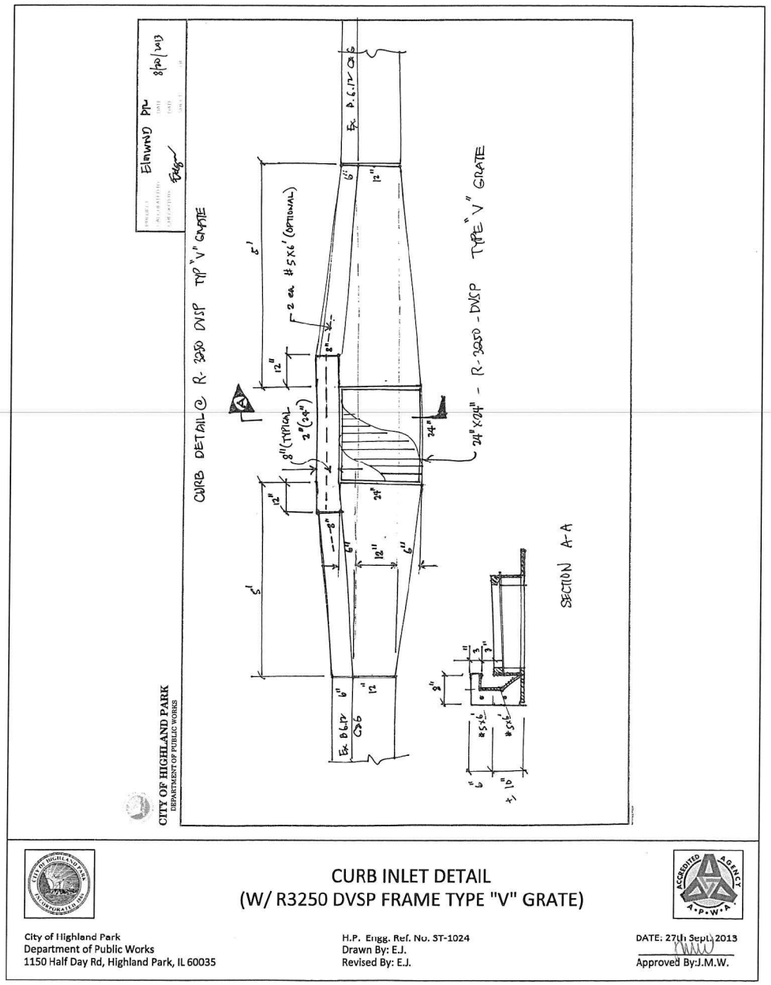
CiorbaGroup
8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

USER NAME = askonicki | DESIGNED - DDH | REVISED -
DRAWN - DDH | REVISED -
PLOT SCALE = | CHECKED - ARH | REVISED -
PLOT DATE = 5/23/2025 | DATE - 4/14/2025 | REVISED -

CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
HIGHLAND PARK STANDARD DETAILS
SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	29
		ILLINOIS	FED. AID PROJECT	



CURB INLET DETAIL
(W/ R3250 DVSP FRAME TYPE "V" GRATE)

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. Engg. Ref. No. ST-1024
Drawn By: E.J.
Revised By: E.J.

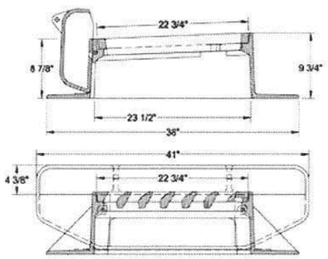
DATE: 27th Sept. 2013
Approved By:J.M.W.

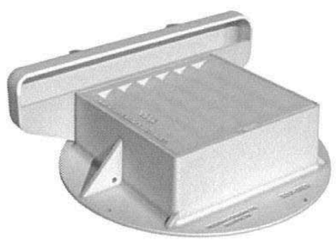
15 - 1

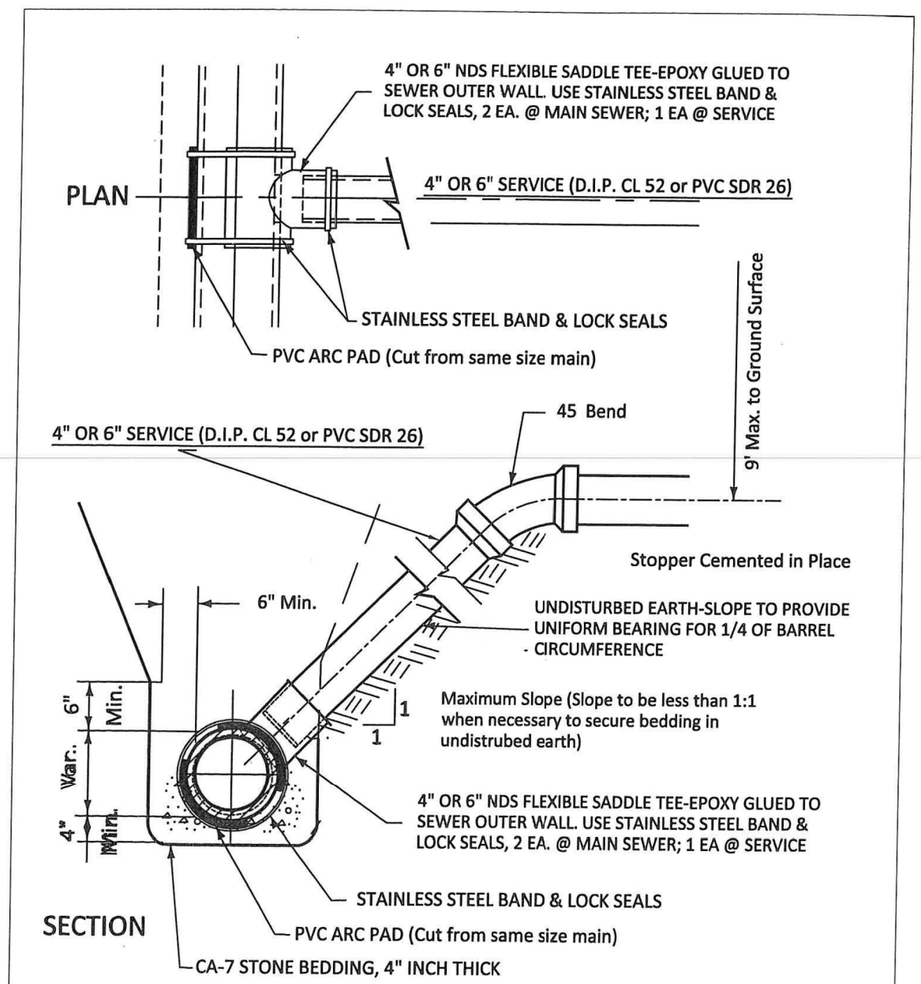
R-3250-DVSP
Combination Inlet Frame, Grate, Curb Box

Heavy Duty

CATALOG NUMBER	GRATE TYPE	SQ. FT. OPEN	WEIR PERIMETER LINEAL FEET
R-3250-DVSP	V	1.3	5.8







SANITARY SEWER SERVICE
RISER DETAIL

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

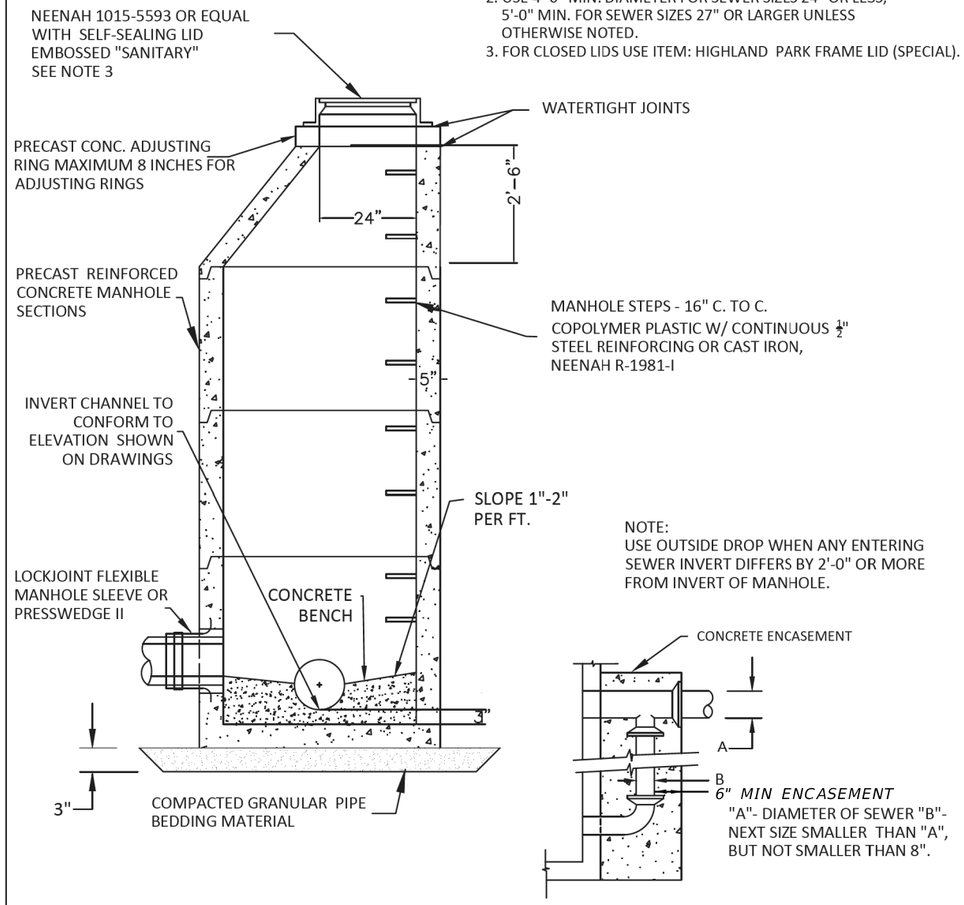
H.P. DWG. No. SAN-1011
Drawn By: M.B.
Revised By: E.J.

DATE: 27th Sept. 2013
Approved By:J.M.W.

19

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NOTES:
1. ECCENTRIC CONES REQUIRED.
2. USE 4'-0" MIN. DIAMETER FOR SEWER SIZES 24" OR LESS, 5'-0" MIN. FOR SEWER SIZES 27" OR LARGER UNLESS OTHERWISE NOTED.
3. FOR CLOSED LIDS USE ITEM: HIGHLAND PARK FRAME LID (SPECIAL).



NOTE:
USE OUTSIDE DROP WHEN ANY ENTERING SEWER INVERT DIFFERS BY 2'-0" OR MORE FROM INVERT OF MANHOLE.

6" MIN ENCASEMENT
"A"- DIAMETER OF SEWER "B"- NEXT SIZE SMALLER THAN "A", BUT NOT SMALLER THAN 8".

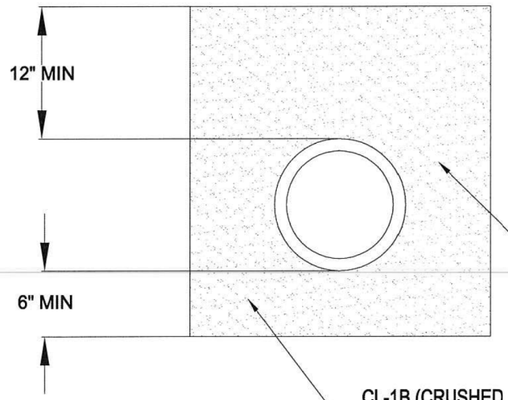
OUTSIDE DROP DETAIL

SANITARY SEWER MANHOLE DETAIL

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. DWG. No. SAN-1012
Drawn By: M.B.
Revised By: JP3

DATE: 26th March 2019
Approved By:



CL-1B (CRUSHED STONE GRADATION CA-6) MATERIAL BEDDING SHALL BE COMPACTED TO A MINIMUM OF 95% IN ACCORDANCE WITH ASTM 2321-89

N.S.S.D. SANITARY SEWER PIPE BEDDING DETAIL

STANDARD PIPE BEDDING (FOR SANITARY SEWER)

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. Engg. No. SAN-1014
Drawn By: E.J.
Revised By: E.J.

DATE: 27th Sept. 2013
Approved By: J.M.W.

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CiorbaGroup
8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

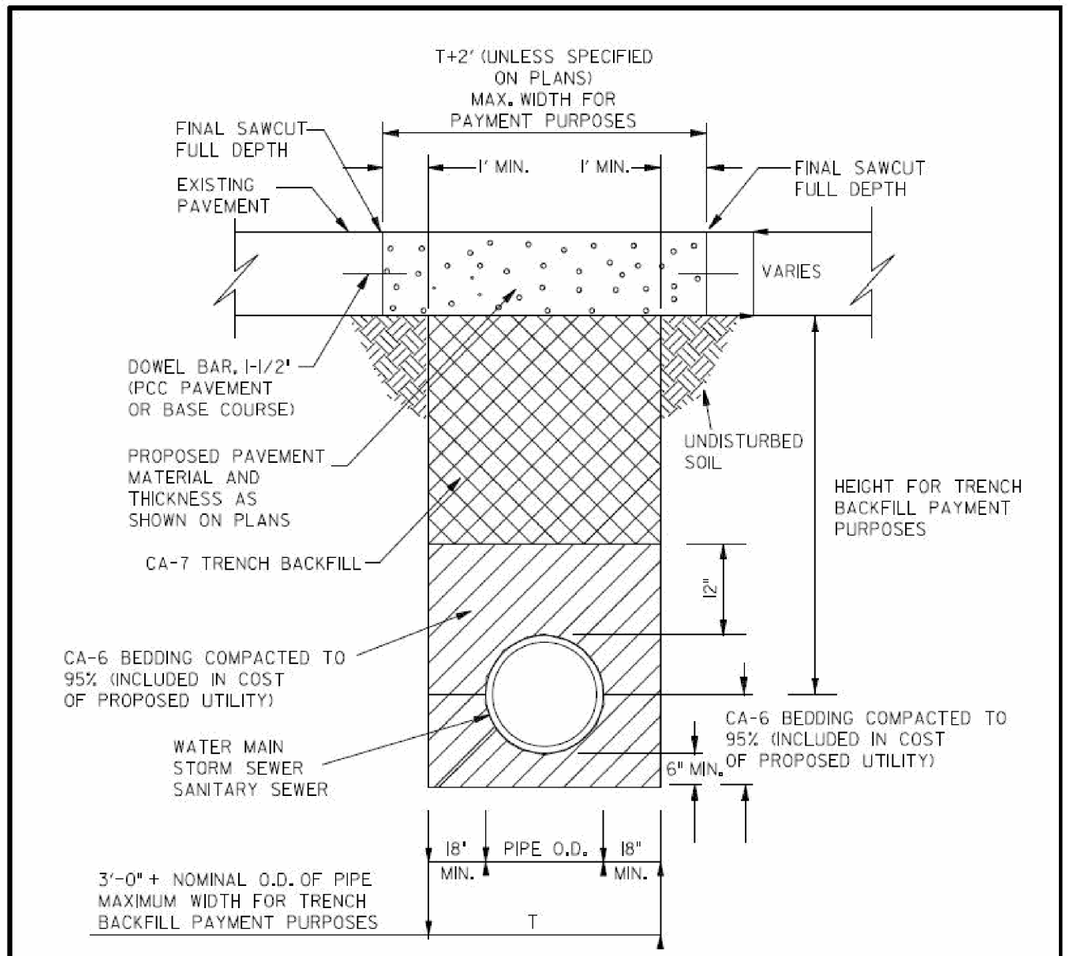
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PLOT DATE = 5/23/2025	DATE - 4/14/2025	REVISED -

CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
HIGHLAND PARK STANDARD DETAILS

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	31
		ILLINOIS	FED. AID PROJECT	



TRENCH IN PAVEMENT AREA

NOTES:

1. CONTRACTOR IS TO DISPOSE OF ALL UNUSED EXCAVATED MATERIAL OFF-SITE.
2. TRENCH IS TO BE EXCAVATED TO FIRM, UNDISTURBED SOIL. IF OVER EXCAVATION IS REQUIRED TO REACH A FIRM TRENCH BOTTOM, THE CONTRACTOR SHALL FILL THE VOID WITH CA-6 AND COMPACT TO OBTAIN PROPER DENSITY AND GRADE.

UTILITY TRENCH /BEDDING

CiorbaGroup
8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

USER NAME = askonicki	DESIGNED - DDH	REVISED -
	DRAWN - DDH	REVISED -
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PLOT DATE = 5/23/2025	DATE - 4/14/2025	REVISED -

CITY OF HIGHLAND PARK

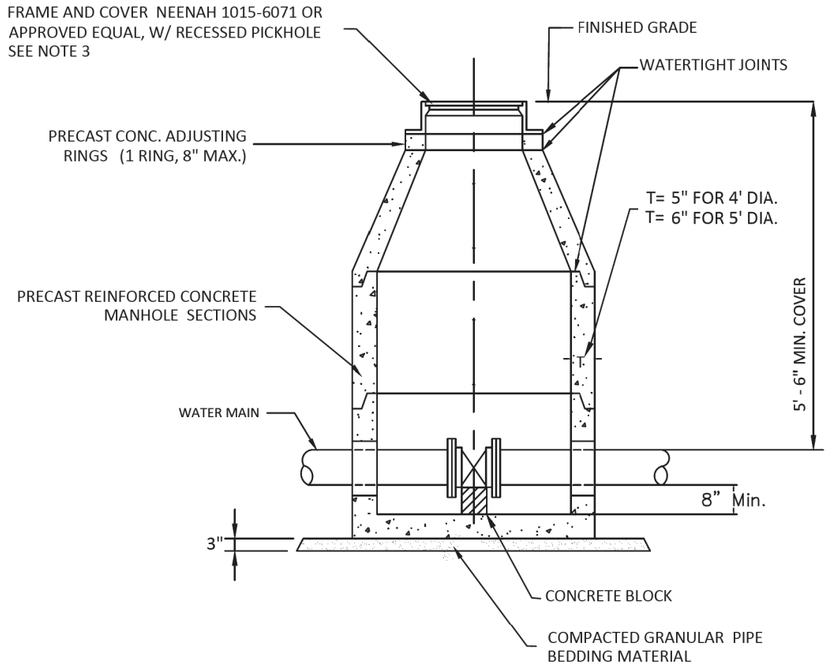
SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
HIGHLAND PARK STANDARD DETAILS

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	32
		ILLINOIS	FED. AID PROJECT	

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NOTES:
1. CONCENTRIC CONE REQUIRED
2. USE: 4'-0" DIAMETER FOR WATER VALVE SIZES 8" AND SMALLER,
   5'-0" DIAMETER OR LARGER FOR SIZES LARGER THAN 8"
3. FOR CLOSED LIDS USE ITEM: HIGHLAND PARK FRAME LID (SPECIAL)



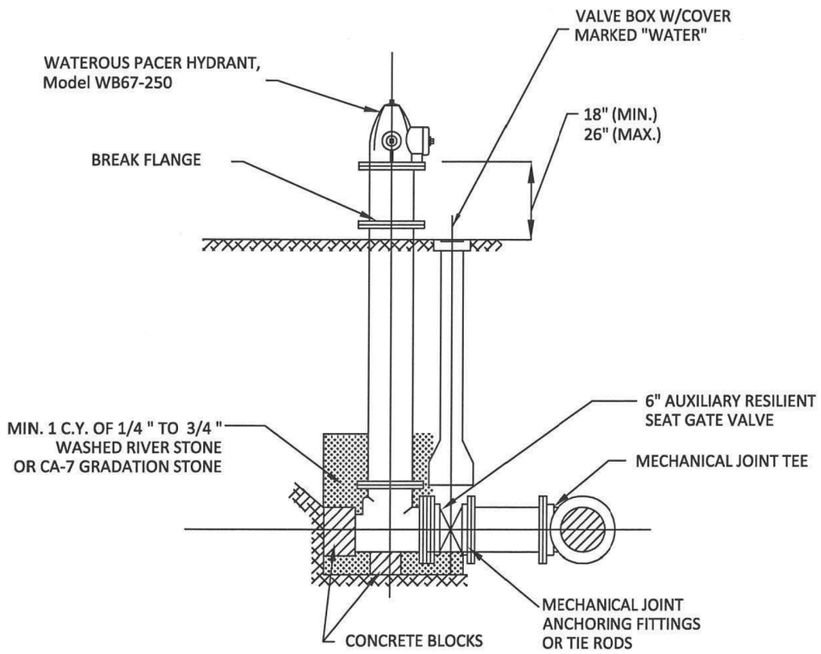
ALL HARDWARE BELOW GRADE SHALL BE STAINLESS STEEL

WATER VALVE VAULT DETAIL

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. DWG. No. WD-1002
Drawn By: M.B.
Revised By: JP3

DATE: 26th March 2019
Approved By:



ALL HARDWARE BELOW GRADE TO BE STAINLESS STEEL

FIRE HYDRANT INSTALLATION DETAIL

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. DWG. No. WD-1006
Drawn By: M.B.
Revised By: E.J.

DATE: 28th Feb. 2014
Approved By: J.M.W

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CiorbaGroup
8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

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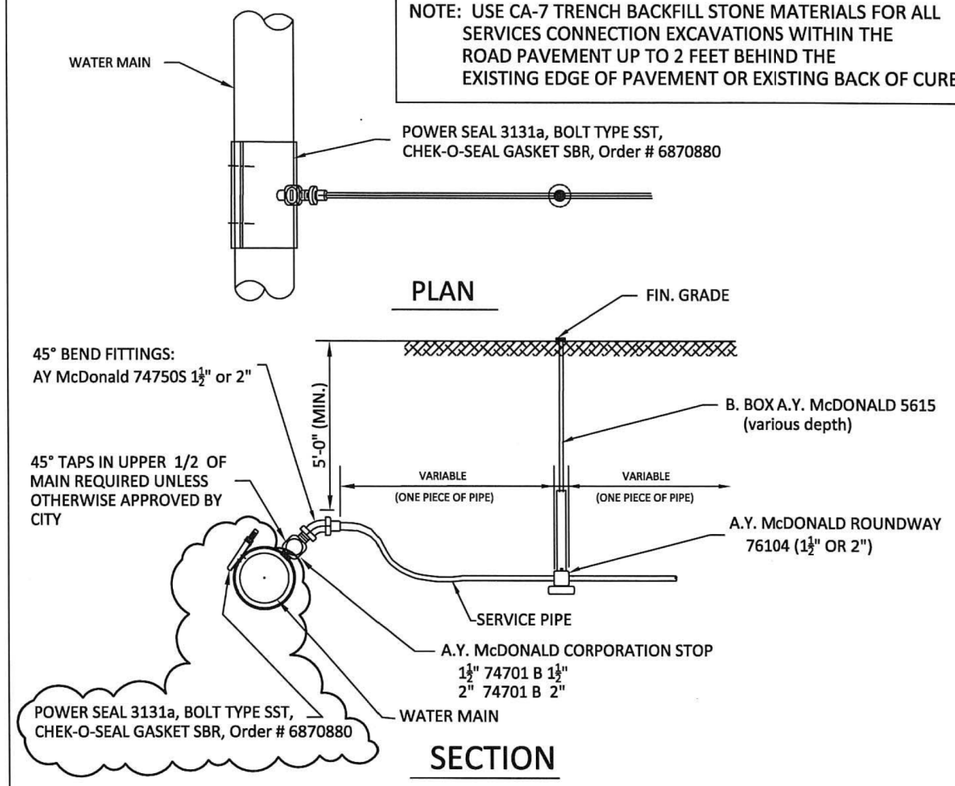
CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
HIGHLAND PARK STANDARD DETAILS

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	33
		ILLINOIS	FED. AID PROJECT	

NOTE: USE CA-7 TRENCH BACKFILL STONE MATERIALS FOR ALL SERVICES CONNECTION EXCAVATIONS WITHIN THE ROAD PAVEMENT UP TO 2 FEET BEHIND THE EXISTING EDGE OF PAVEMENT OR EXISTING BACK OF CURB.



SERVICE PIPE	CORP. STOP
3/4"	3/4"
1"	1"
1 1/2"	1 1/2"
2"	1 1/2" X 2"

NOTE:

1. NO WATER MAIN TAP FOR NEW DEVELOPMENT UNTIL PERMITS ARE ISSUED.
2. ALL MATERIALS SHALL BE LEAD FREE.

WATER SERVICE DETAIL

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. DWG. No. WD-1007
Drawn By: M.B.
Revised By: E.J.

DATE: 20th Mar. 2017
Approved By: E. Gomez

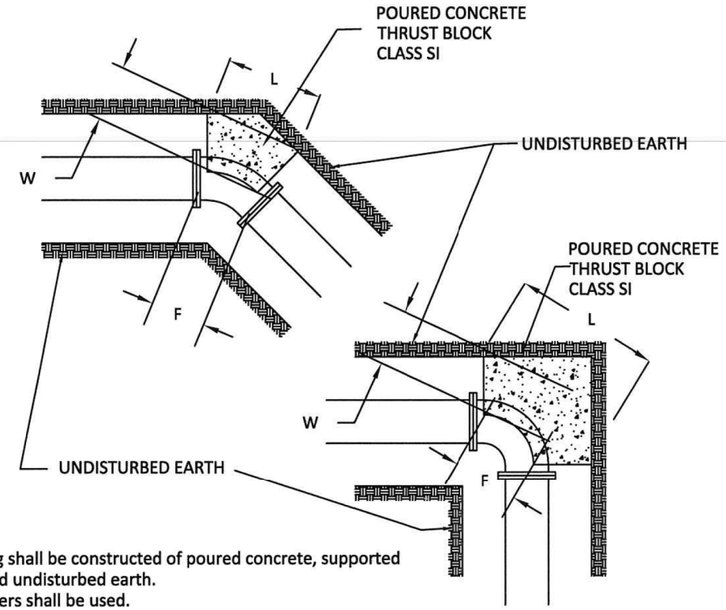
THRUST BLOCK SCHEDULE:

All Thrust Blocking Incidental to Water Main Construction.

Thrust Blocking for all fittings under 10 inches shall have a minimum dimension of 1'x1' at the point of contact with **undistrubed earth.**

Plugged Ends shall be thrust blocked the same as Tee.

Tabulated Thrust Blocking is figured on Allowable Bearing Pressure of Soil at 4,000 PSF. If Allowable Bearing Pressure of Soil is 2,000 PSF, the tabulated bearing area of contact to the undisturbed earth shall be doubled.



Notes:
1. All Thrust Blocking shall be constructed of poured concrete, supported with wood forms and undisturbed earth.
2. MEGA-LUG retainers shall be used.
3. All nuts, bolts and washers shall be **STAINLESS STEEL**.

SHEET 1 OF 2

THRUST BLOCK DETAIL

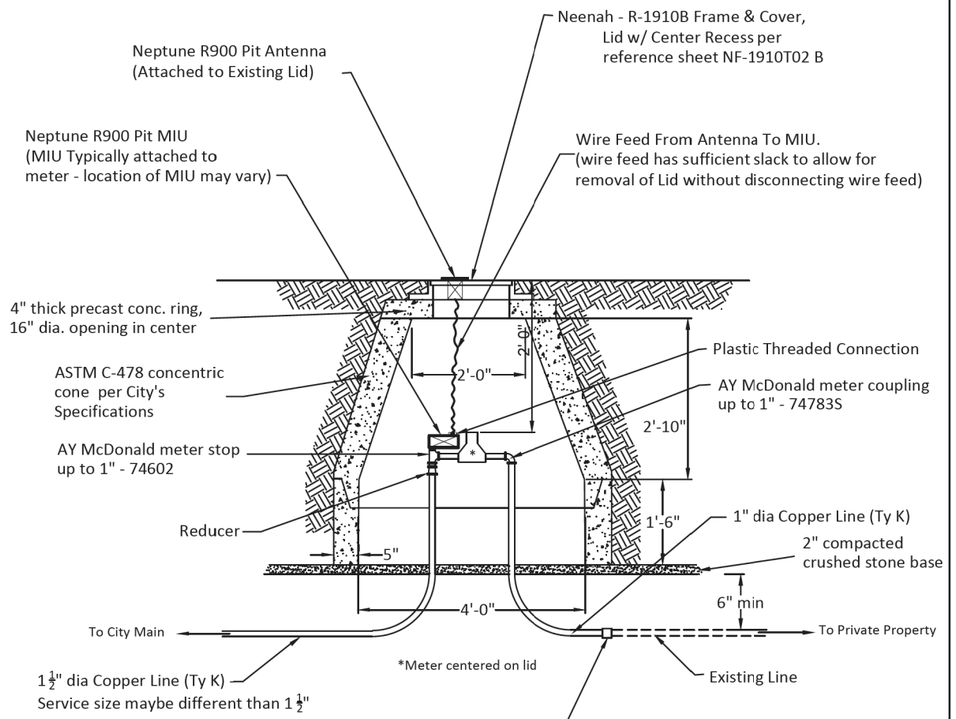
City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. DWG. No. WD-1008 SHEET 1 OF 2
Drawn By: M.B.
Revised By: E.J.

DATE: 27th Sept. 2013
Approved By: J.M.W.

29 (½)

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Connection to existing line shall be as follows:

1. copper to copper - Flared fitting, AY McDonald 74758
2. copper to iron pipe - Flared fitting to I.P. threads, AY McDonald 74754
3. copper to lead - AY McDonald 73205

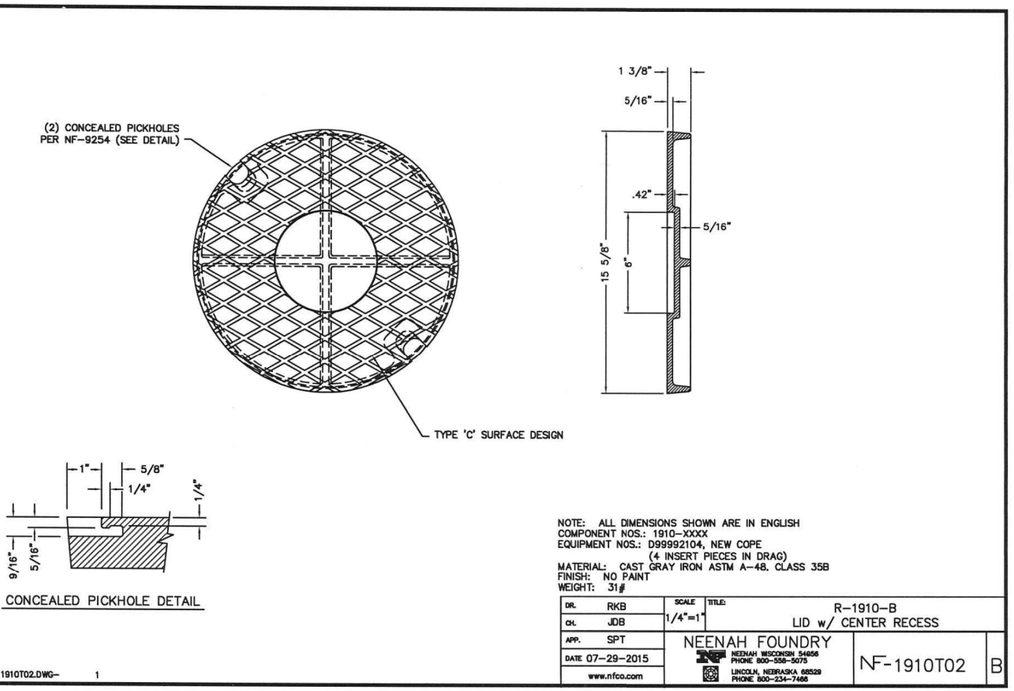
DOMESTIC METER VAULT DETAIL

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. DWG. No. WD-1001
Drawn By: M.B.
Revised By: J.P./E.J.

DATE: 7th March 2019
Approved By: EG

23



NOTE: ALL DIMENSIONS SHOWN ARE IN ENGLISH
COMPONENT NOS.: 1910-XXXX
EQUIPMENT NOS.: D99992104, NEW COPE
(4 INSERT PIECES IN DRAG)
MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B
FINISH: NO PAINT
WEIGHT: 31#

DR. RKB	SCALE 1/4"=1"	TITLE: R-1910-B LID w/ CENTER RECESS	
CH. JDB			
APP. SPT	NEENAH FOUNDRY NEENAH WISCONSIN 54956 PHONE 800-558-5075 LINCOLN, NEBRASKA 68529 PHONE 800-234-7466		
DATE 07-29-2015		NF-1910T02	B
www.nfco.com			

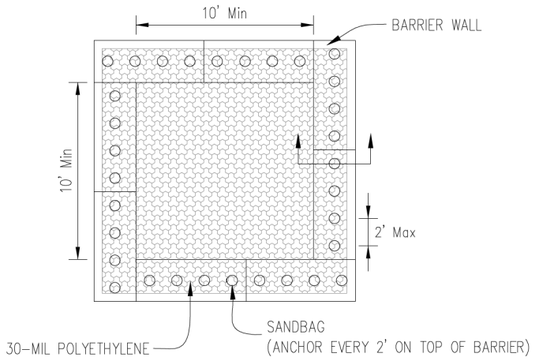
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23 - B

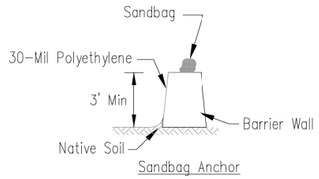
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CiorbaGroup 8725 W. Higgins Rd, Ste 600, Chicago, IL 60631 P 773.775.4009 | www.ciorba.com	USER NAME = askonicki	DESIGNED - DDH	REVISED -	CITY OF HIGHLAND PARK	SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS HIGHLAND PARK STANDARD DETAILS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - DDH	REVISED -					LAKE	47	35
	PLOT SCALE =	CHECKED - ARH	REVISED -							
	PLOT DATE = 5/23/2025	DATE - 4/14/2025	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS	FED. AID PROJECT	

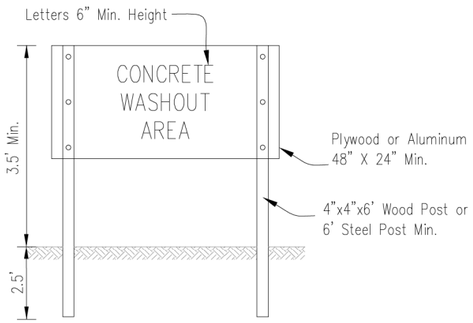
AUTOCAD2006



PLAN VIEW



BARRIER WALL ANCHOR SECTION

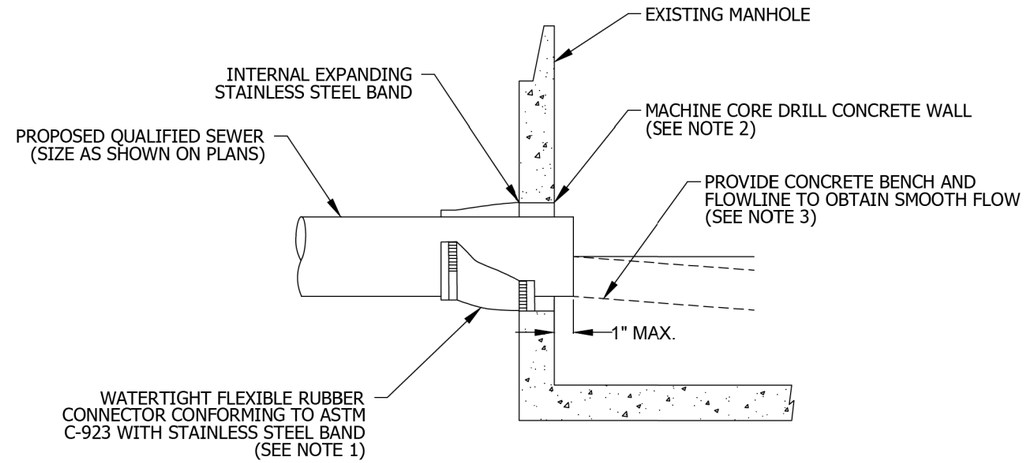


SIGN DETAIL

NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the faciliities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

Sheet 3 of 3	Drawing No.	File No.	TEMPORARY CONCRETE WASHOUT FACILITY – BARRIER WALL	Date
		WASH-01	Designed	
			Drawn B. JOHNSON	6/08
			Checked	
			Approved	



SECTION

NOTES:
1. RESILIENT CONNECTOR COMPLYING WITH ASTM STANDARD C-923 (MOST RECENT EDITION) SHALL BE USED.
2. MACHINE CORE/DRILL CIRCULAR OPENING IN STRUCTURE WALL. OPENING DIAMETER TO FIT THE REQUIRED RESILIENT CONNECTOR PER MANUFACTURER'S RECOMMENDATION.
3. CUT, SHAPE, AND SLOPE NEW INVERT CHANNEL IN THE EXISTING CONCRETE BENCH FOR SMOOTH FLOW.
4. CLEAN EXISTING STRUCTURE AND SEWER PIPE OF ANY DIRT, CONCRETE, OR DEBRIS WHICH MAY ACCUMULATE DURING THE CONSTRUCTION PROCESS.
5. ANY DAMAGE TO THE EXISTING MANHOLE SHALL BE REPAIRED BY THE CONTRACTOR.
6. REINFORCED CONCRETE COLLAR MAY BE SUBSTITUTED FOR PIPE DIAMETERS LARGER THAN 36-INCHES.

PIPE TO EXISTING MANHOLE CONNECTION

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CiorbaGroup
8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

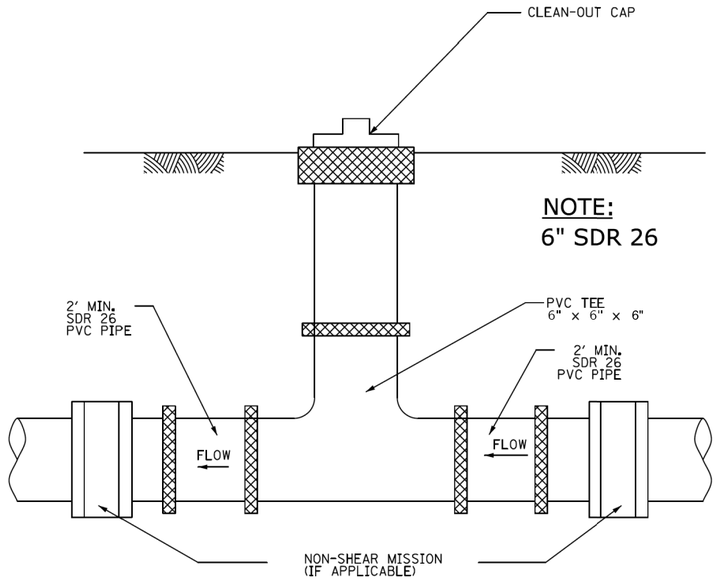
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CITY OF HIGHLAND PARK

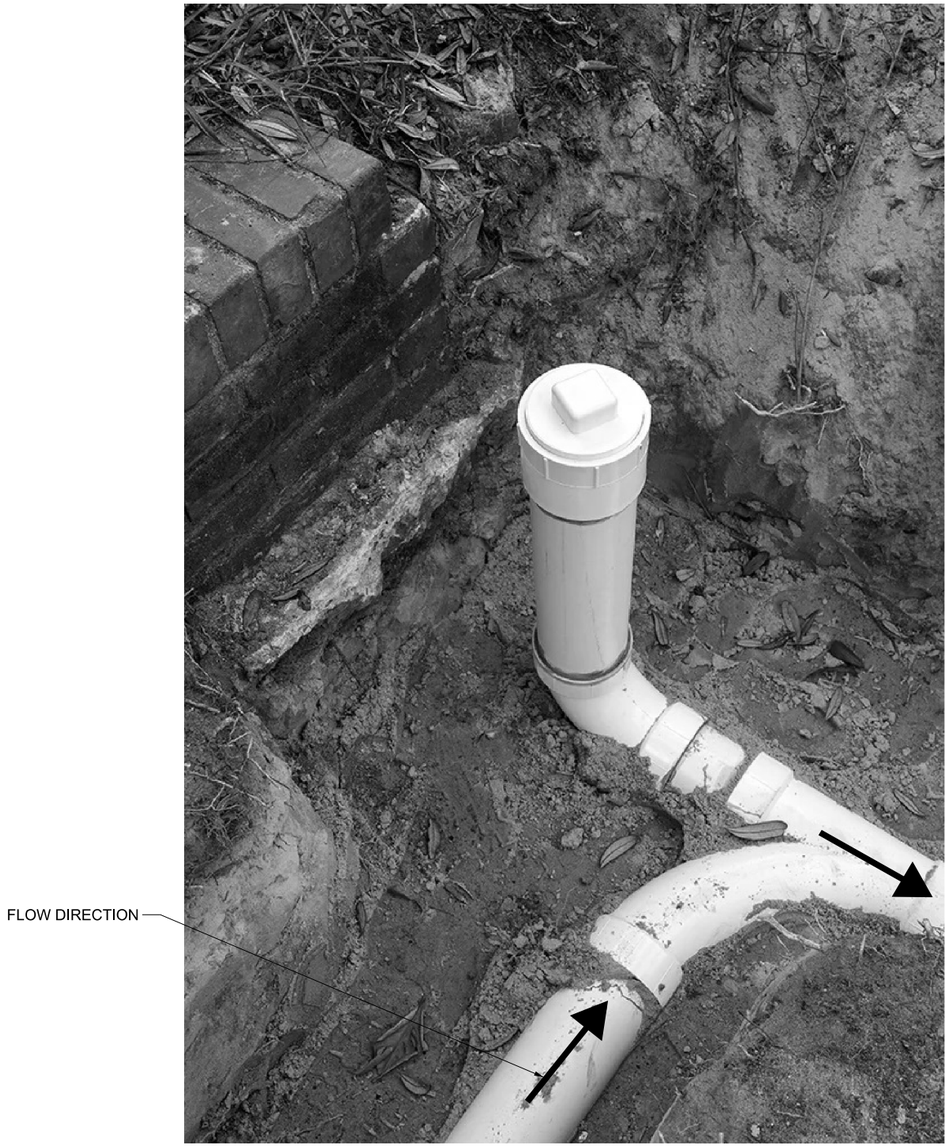
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PLAN DETAILS

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	36
		ILLINOIS	FED. AID PROJECT	



IN-LINE CLEANOUT



CLEANOUT AT BEND

NOTES:

1. CLEANOUTS AT HORIZONTAL BENDS SHALL INCLUDE LONG SWEEP WYE FITTINGS FOR THE ANGLE SPECIFIED AND A RODDING CLEANOUT ASSEMBLY CONSISTING OF ANY NECESSARY SPOOL PIECE, LONG SWEEP 90° VERTICAL FITTING, VERTICAL SPOOL, AND CLEANOUT CAP. SEE EXAMPLE INSTALLATION "CLEANOUT AT BEND" ON THIS DETAIL

2. HORIZONTAL BEND FITTINGS SHALL BE ROTATED DOWN IN THE DIRECTION OF FLOW TO CONTINUE THE DESIGN SLOPE OF THE SANITARY SERVICE.

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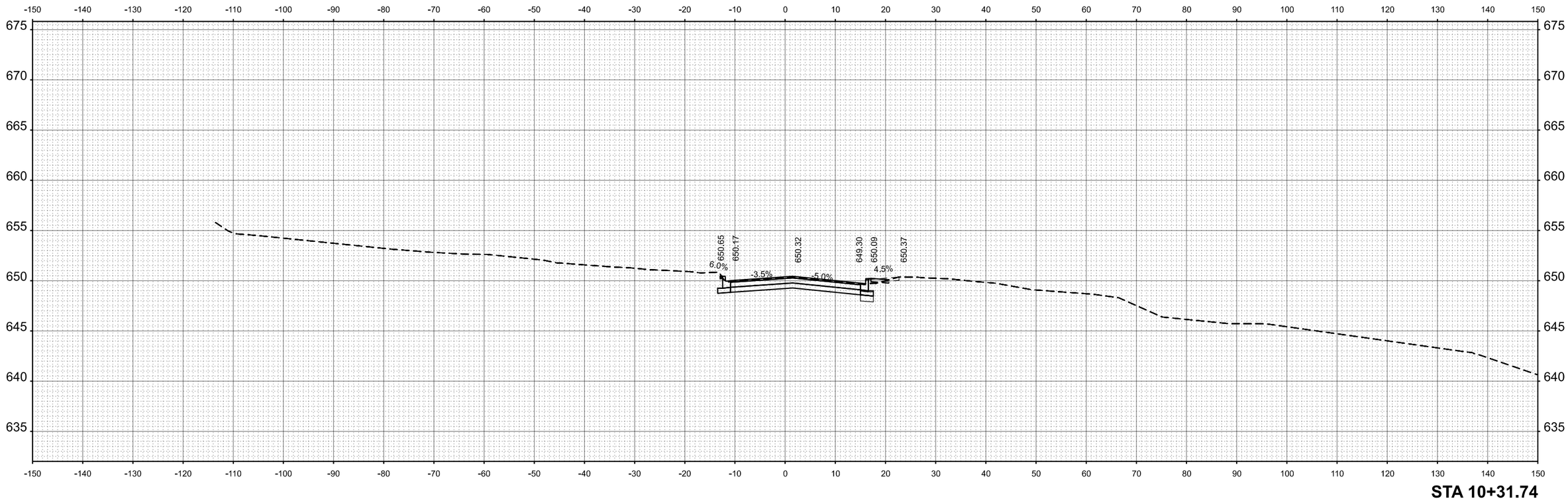
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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
PLAN DETAILS

SCALE: N.T.S.	SHEET NO. OF SHEETS	STA.	TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	37
		ILLINOIS	FED. AID PROJECT	



STA 10+31.74

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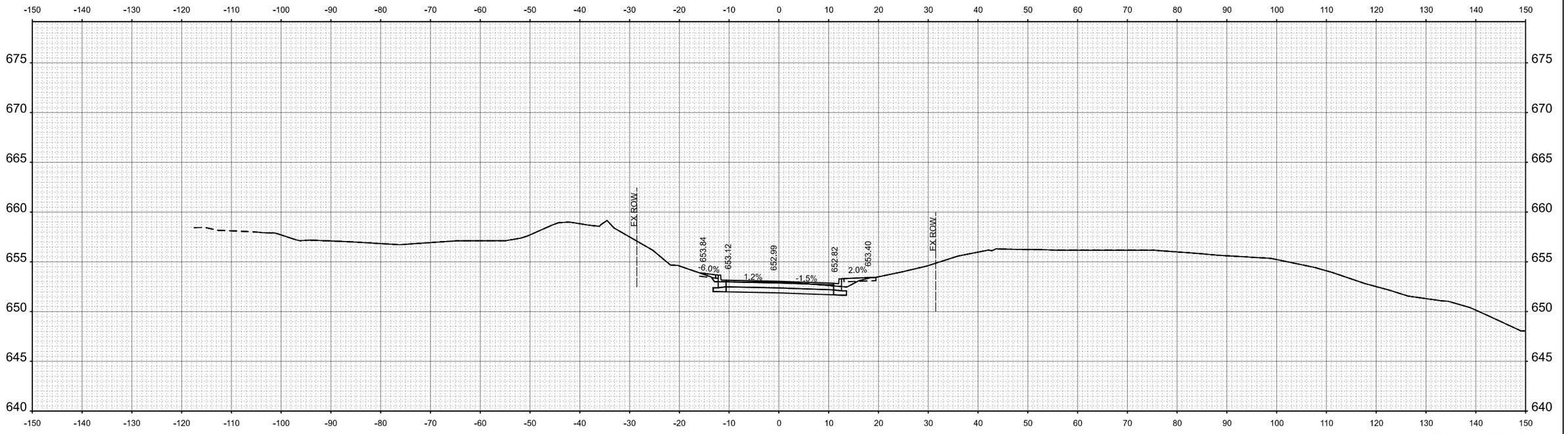
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CITY OF HIGHLAND PARK

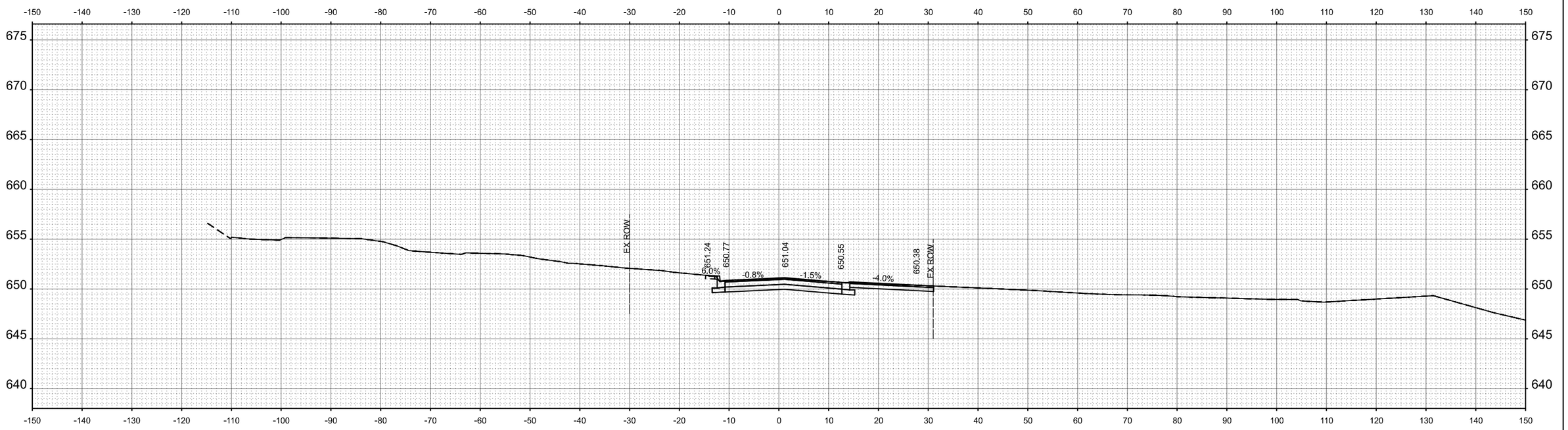
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CROSS SECTIONS

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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	38
		ILLINOIS	FED. AID PROJECT	



STA 11+00.00



STA 10+50.00

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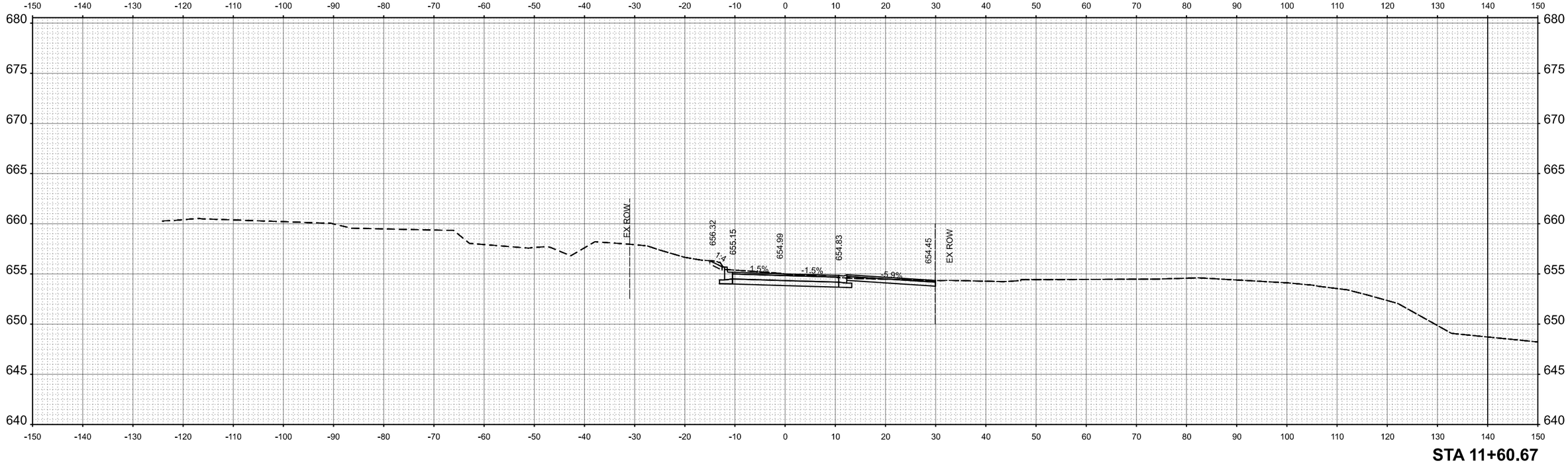
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CITY OF HIGHLAND PARK

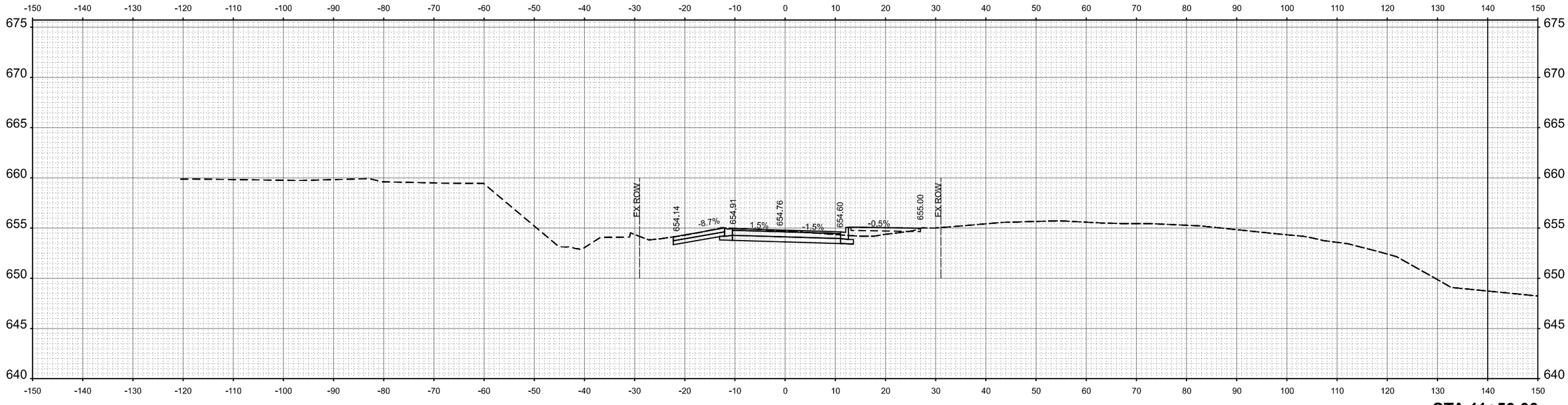
SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
CROSS SECTIONS

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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	39
		ILLINOIS	FED. AID PROJECT	



STA 11+60.67



STA 11+50.00

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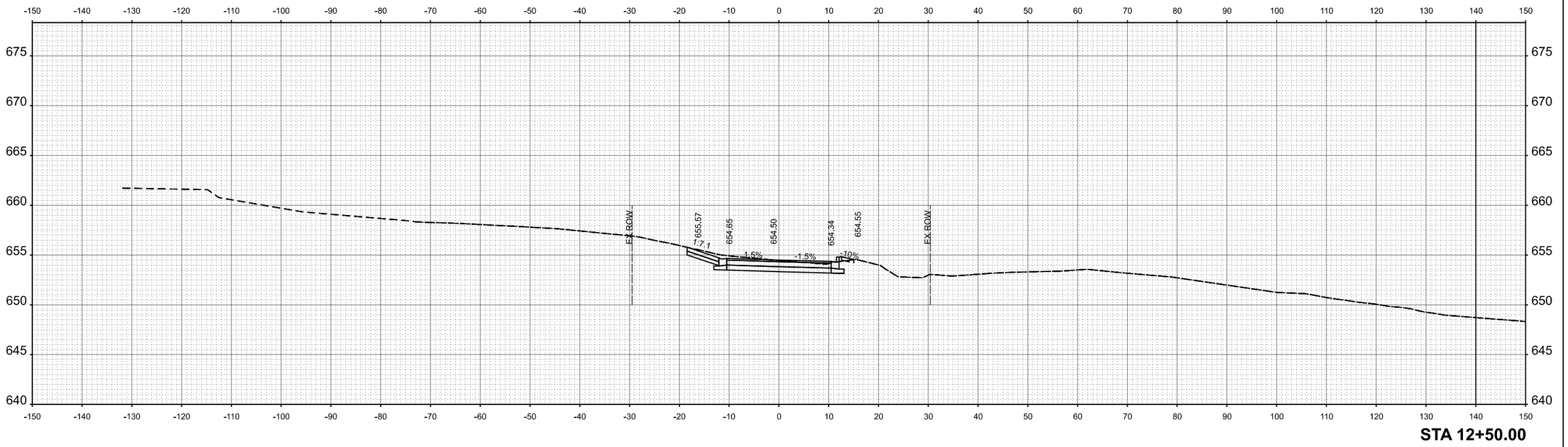
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CITY OF HIGHLAND PARK

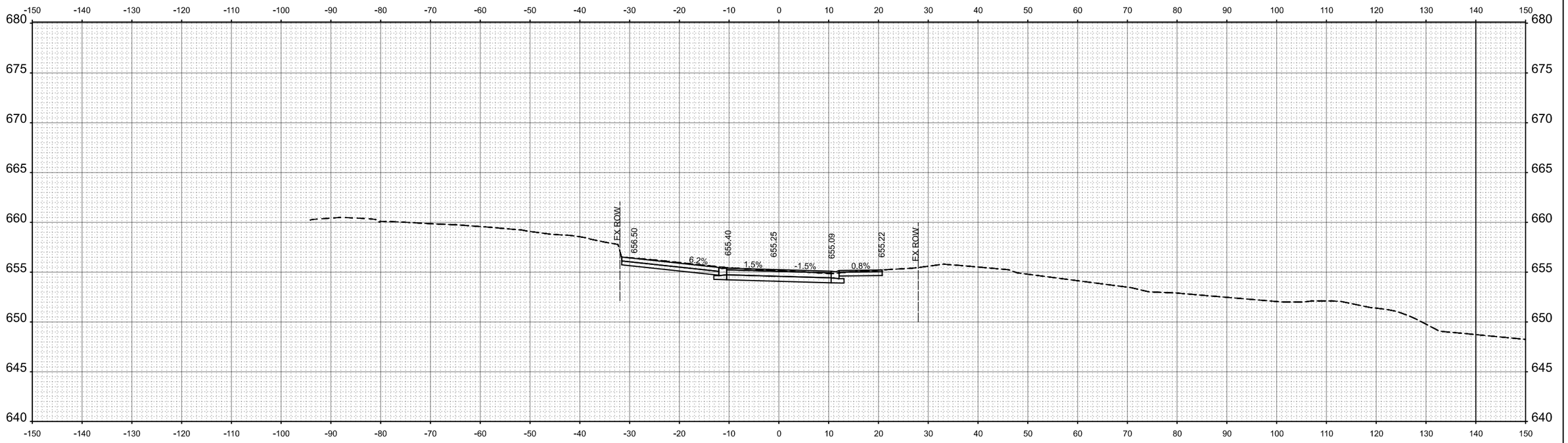
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CROSS SECTIONS

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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	40
		ILLINOIS	FED. AID PROJECT	



STA 12+50.00



STA 12+00.00

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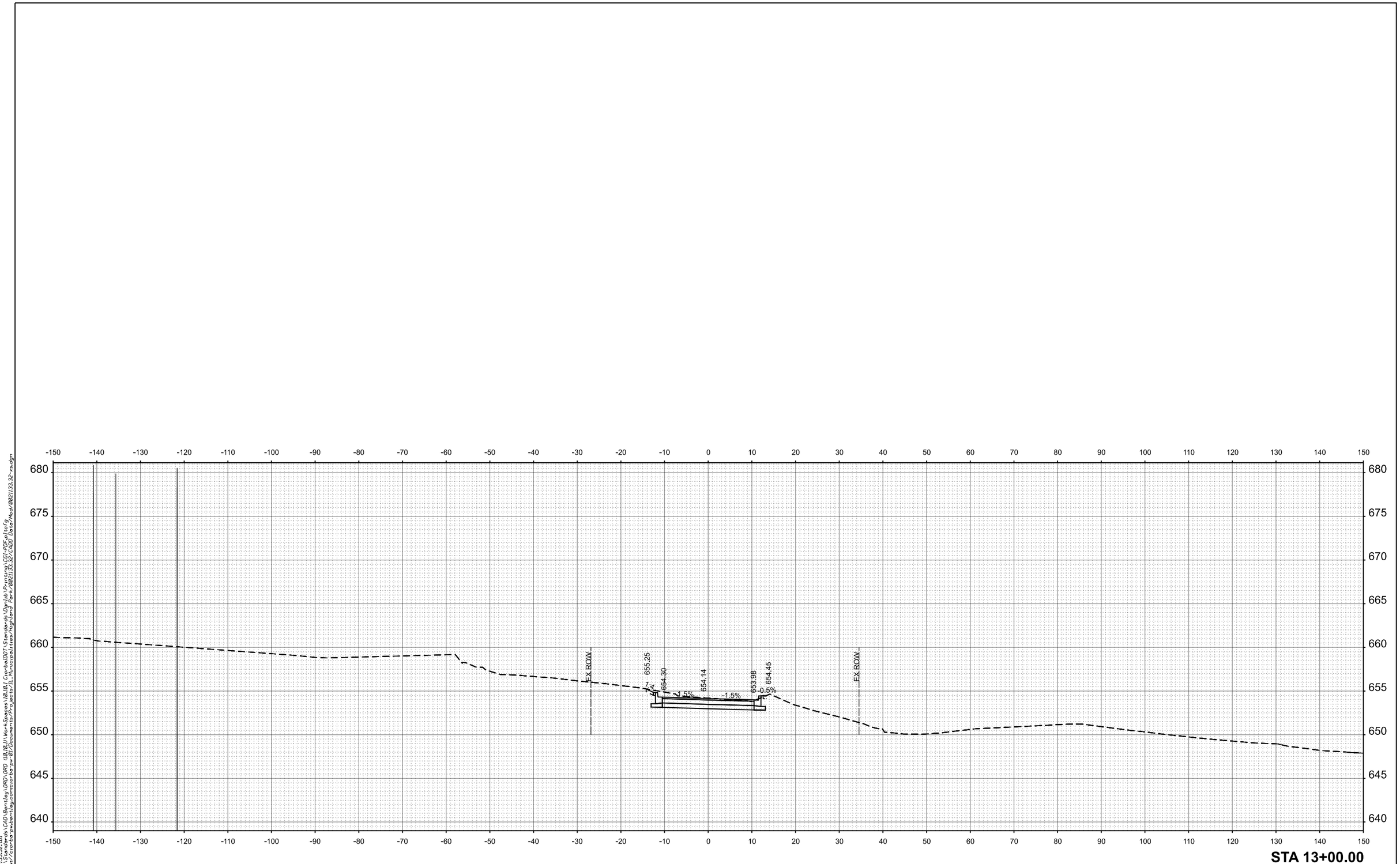
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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
CROSS SECTIONS

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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	41
		ILLINOIS	FED. AID PROJECT	



STA 13+00.00

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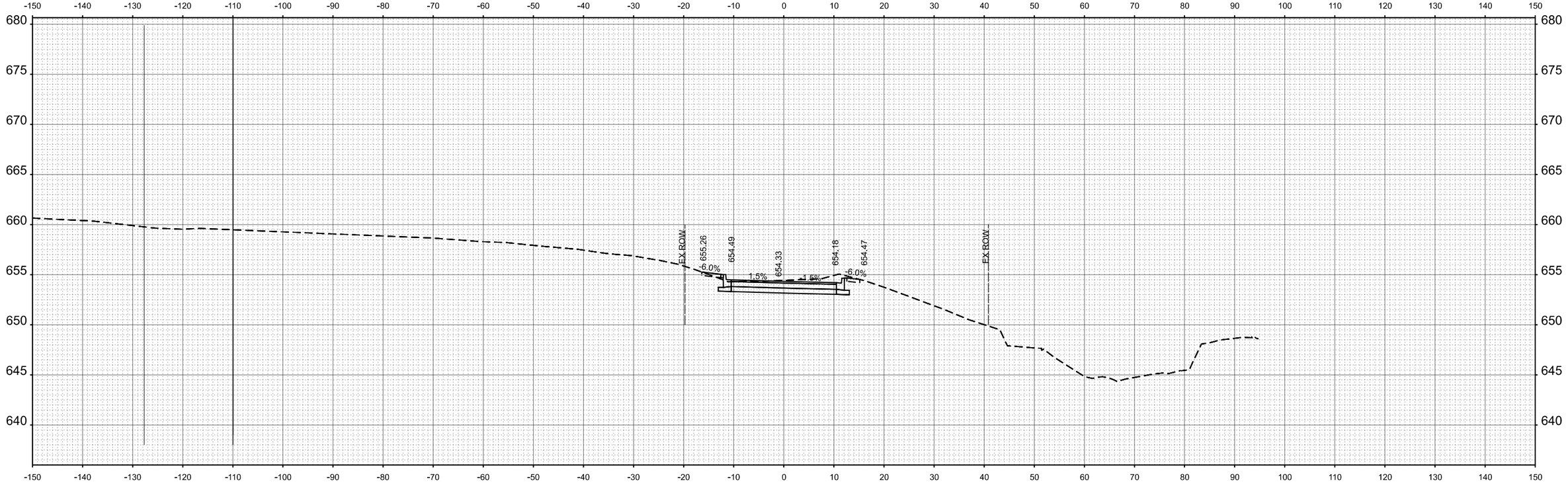
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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
CROSS SECTIONS

SCALE: 1"=10' | SHEET NO. OF SHEETS | STA.13+00.00TO STA. 13+00.00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	42
		ILLINOIS	FED. AID PROJECT	



STA 13+50.00

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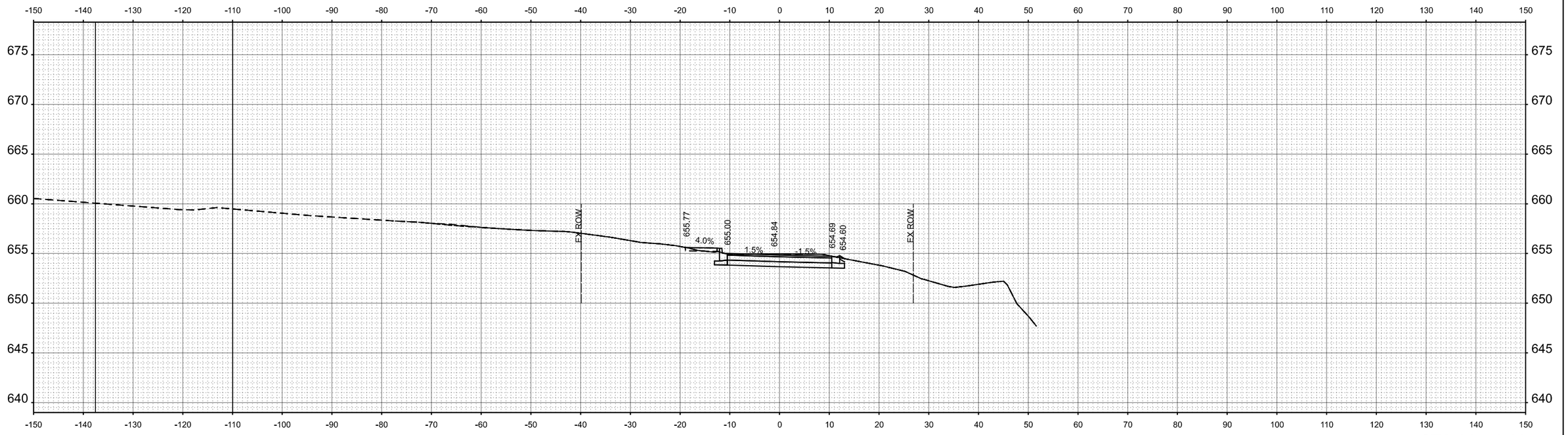
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CITY OF HIGHLAND PARK

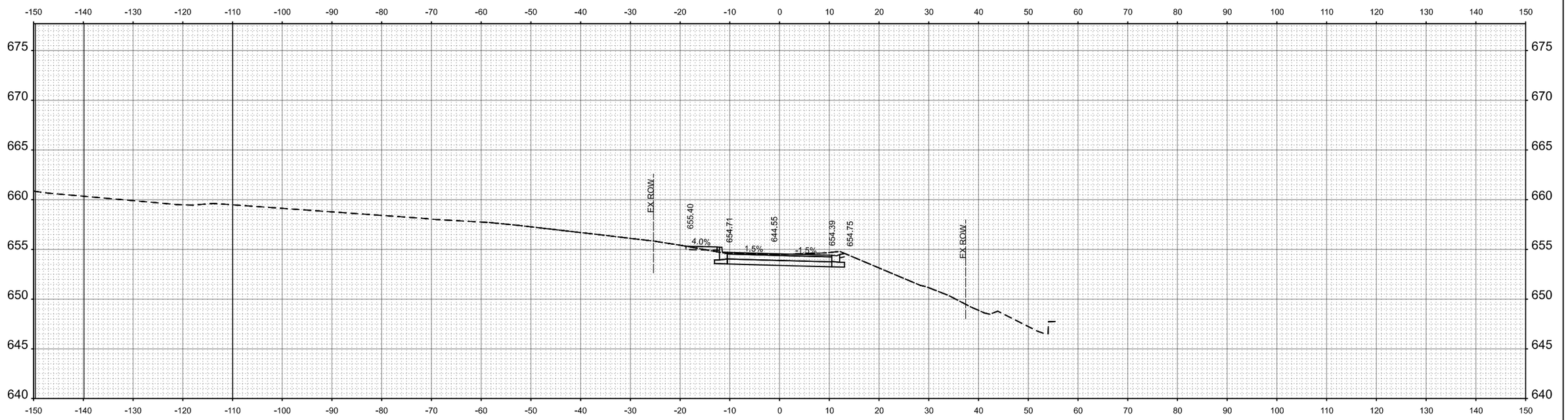
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CROSS SECTIONS

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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	43
		ILLINOIS	FED. AID PROJECT	



STA 14+50.00



STA 14+00.00

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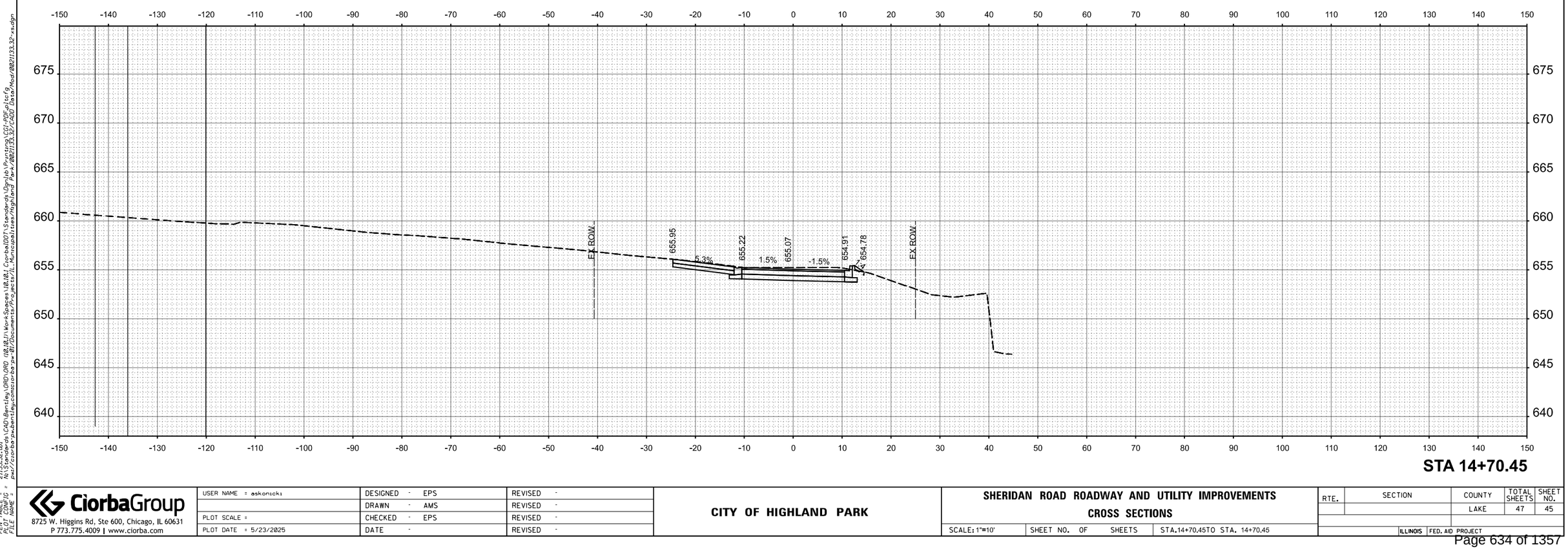
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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
CROSS SECTIONS

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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	44
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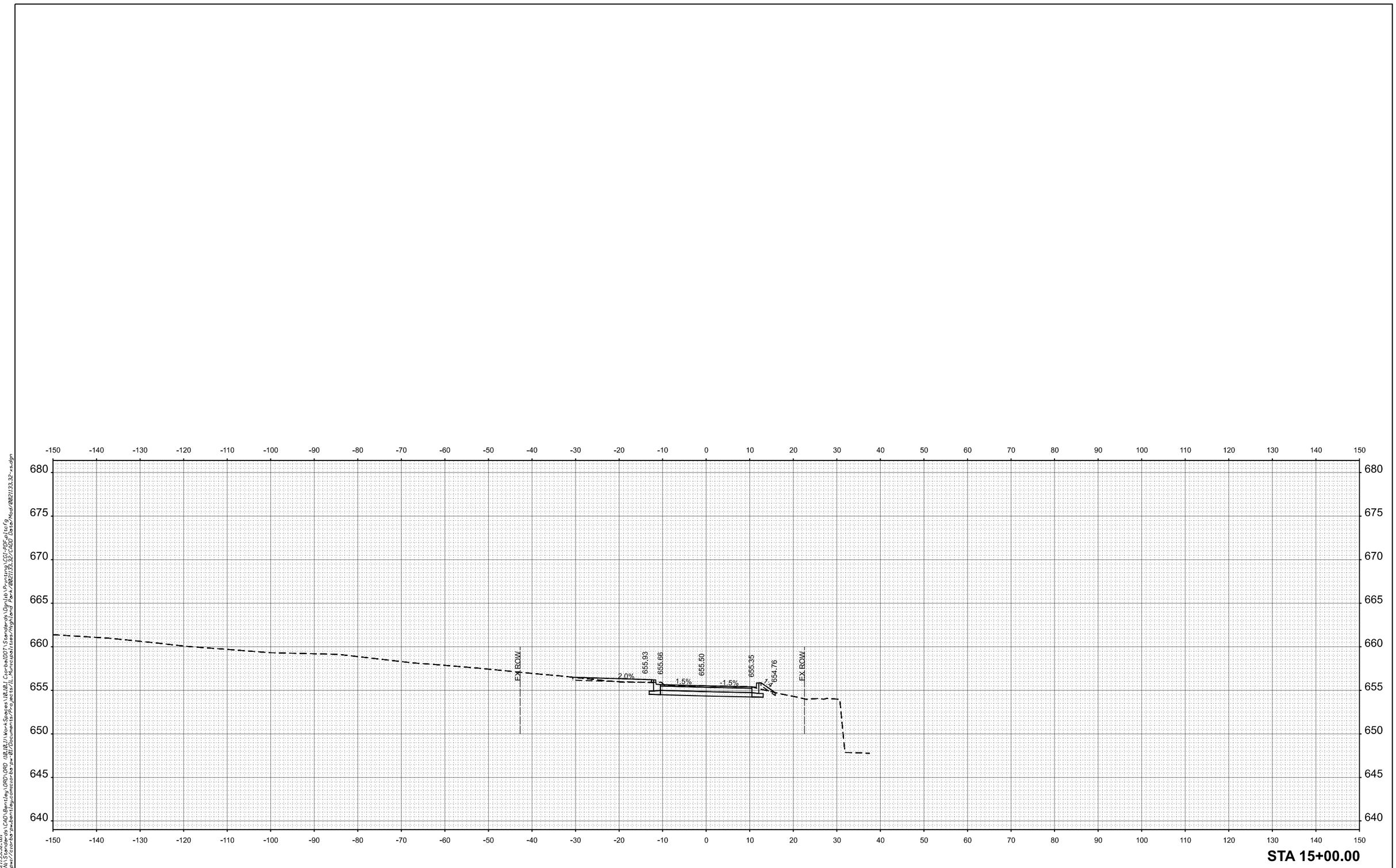
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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
CROSS SECTIONS

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		LAKE	47	45
		ILLINOIS	FED. AID PROJECT	



STA 15+00.00

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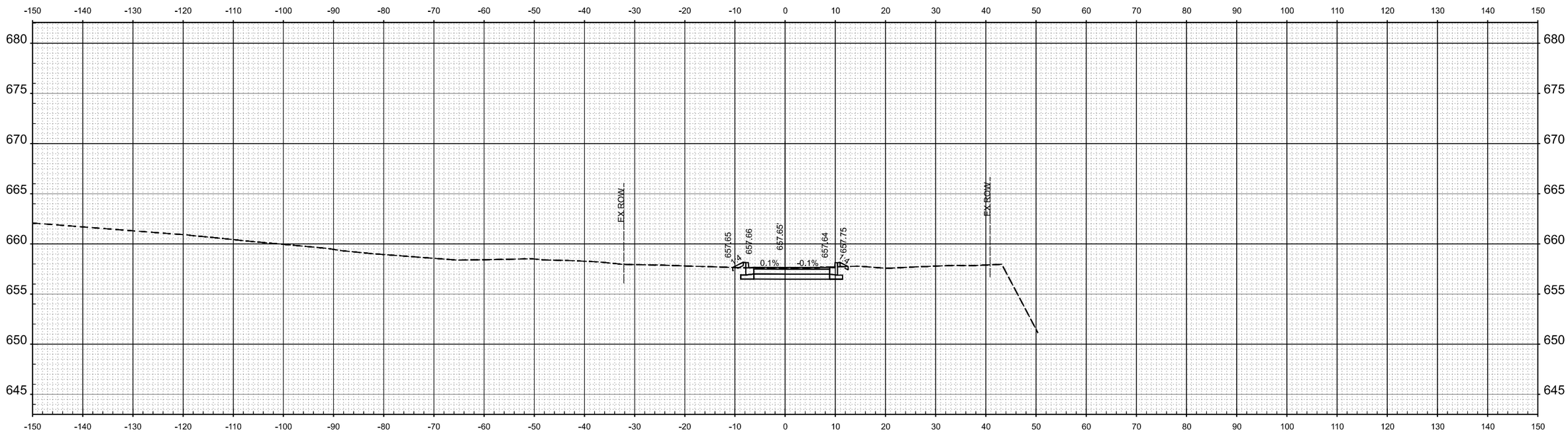
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CITY OF HIGHLAND PARK

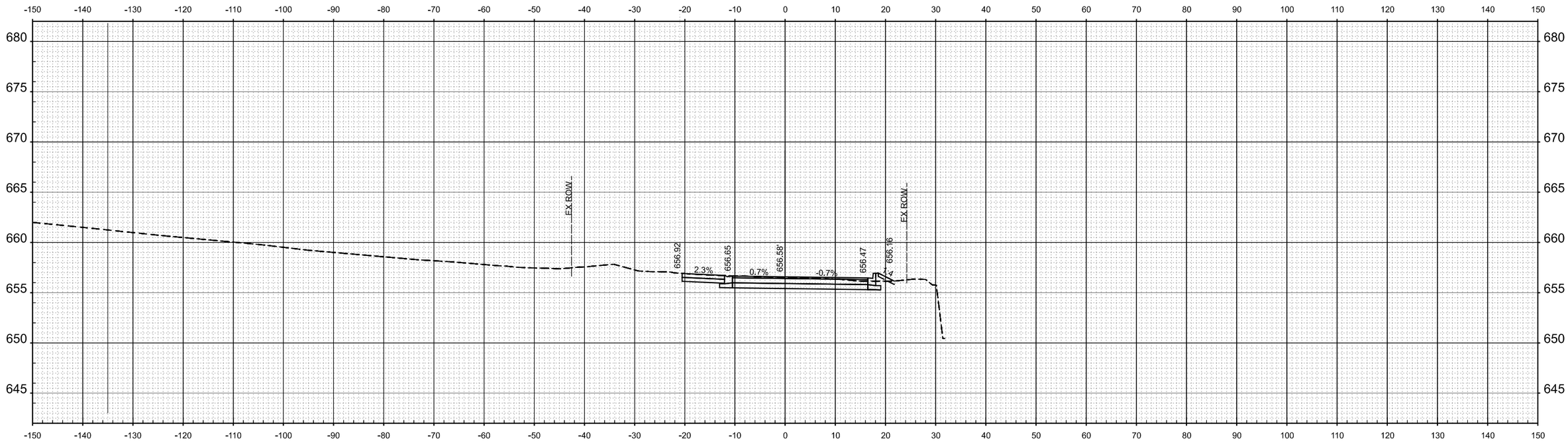
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CROSS SECTIONS

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		LAKE	47	46
		ILLINOIS	FED. AID PROJECT	



STA 15+89.64



STA 15+50.00

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CITY OF HIGHLAND PARK

SHERIDAN ROAD ROADWAY AND UTILITY IMPROVEMENTS
CROSS SECTIONS

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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	47	47
		ILLINOIS	FED. AID PROJECT	

ATTACHMENT D

SPECIAL INSTRUCTIONS

1. Working Days

Except for such work as may be require to properly maintain lights and barricades, no work will be permitted on Sunday, legal holidays, or weekdays between 7:00 p.m. and 7:00 a.m. On Saturdays, no work shall begin before 9:00 a.m. or continue after 5:00 p.m. without specific permission of the Engineer.

If work outside of normal working day hours is necessary, payment at 1.5 times the salary and benefits of the City inspector shall be payable to the City. Reasonable delays due to weather or conditions beyond the control of the City or Contractor may not require payment.

Without specific permission of the City Engineer (City of Highland Park) and except for such work as may be required to properly maintain lights and barricades, no work will be permitted on:

A. Weekdays between 7:00 p.m. and 7:00 a.m.
B. Saturdays between 5:00 p.m. and 9:00 a.m.
C. Sundays
D. Holidays listed below

Holiday	Date Observed
New Year's Day	01/01/2026
Martin Luther King Jr Day	01/19/2026
Passover (beg. Sundown 4/1/26)	04/02/2026
Memorial Day	05/25/2026
Independence Day	07/04/2026
Labor Day	09/07/2026
Rosh Hashanah (beg. sundown 9/11/26)	09/12/2026
Yom Kippur (beg. sundown 9/20/26)	09/21/2026
Veterans Day	11/11/2026
Thanksgiving Day	11/26/2026
Christmas	12/25/2026

2. Liquidated Damages

If the contractor fails to complete the project within the time limit specified, liquidated damages in the amount specified in the Standard Specifications, Article 108.09, "Failure to Complete Work on Time", shall be imposed for each calendar day until the project is completed.

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Don Jensen, Water Plant Superintendent

Department: Public Works Department

Title: A Resolution Approving the First Amendment to the Intergovernmental Agreement Between the City of Lake Forest and the City of Highland Park Relating to Water Interconnection for Both Emergency and System Maintenance Purposes

Recommendation:
Staff recommends approval of the First Amendment to the Intergovernmental Agreement with the City of Lake Forest and the City of Highland Park Relating to Water Interconnection for Both Emergency and System Maintenance Purposes.

Policy Consideration:
On October 26, 2009, the City entered into an Intergovernmental Agreement with the City of Lake Forest ("Lake Forest"), establishing a process for either community to assist the other by providing water in emergencies (e.g., a system breakdown that prevents one community from meeting its water customer needs), while safeguarding the supplying community's water supply and imposing reasonable limits on the duration of water aid. The agreement also codified and updated the long-standing cooperative relationship between the City of Highland Park and the City of Lake Forest's water utilities.

The City of Highland Park and the City of Lake Forest are requesting an amendment to Section 4(A) of the Agreement to update the procedure for each party. Currently, only the Mayor, Acting Mayor, or City Manager can authorize taking emergency action, such as opening valves to supply water to the other community. The proposed amendment adds the Director of Public Works (Highland Park & Lake Forest), the Water Plant Superintendent (Highland Park), and the Chief Water Operator (Lake Forest) as officials who can declare that an emergency condition exists and authorize staff to act accordingly. In the event that one of these officials declares that an emergency exists, the City Manager must be notified as soon as reasonably possible, but no later than 24 hours after that declaration.

The Public Works Department Water Treatment Facility Division manages the contract. Pertinent documents are available for review at the Public Works Department.

Core Priorities:

Public Safety

The updated provision in the IGA will allow key staff members in both communities the ability to expeditiously address the community's water needs under emergency conditions.

Attachments:

1. HP - Resolution Approving First Amendment to IGA with Lake Forest for Water Interconnection

CITY OF HIGHLAND PARK

RESOLUTION NO. _____

A RESOLUTION APPROVING THE FIRST AMENDMENT TO THE INTERGOVERNMENTAL AGREEMENT BETWEEN THE CITY OF LAKE FOREST AND THE CITY OF HIGHLAND PARK RELATING TO WATER INTERCONNECTION FOR BOTH EMERGENCY AND SYSTEM MAINTENANCE PURPOSES

WHEREAS, the City entered into an Intergovernmental Agreement with the City of Lake Forest (***"Lake Forest"***), dated _____, to establish a means to supply each other with a limited supply of water under emergency conditions when their normal source of water supply is unavailable (***"Agreement"***); and

WHEREAS, the City and Lake Forest desire to amend Section 4(A) of the Agreement to update the procedure for each party to initiate requests for emergency water supply from the other party (***"First Amendment"***); and

WHEREAS, the City Council has determined that it will serve and be in the best interest of the City to enter into the First Amendment to the Agreement with Lake Forest;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: APPROVAL OF FIRST AMENDMENT. The First Amendment to the Agreement is hereby approved in substantially the form attached to this Resolution as **Exhibit A**, and in a final form to be approved by the City Manager and the Corporation Counsel.

SECTION THREE: EXECUTION. The Mayor and the City Clerk are hereby authorized and directed to execute and attest, on behalf of the City, the First Amendment to the Agreement and all necessary documentation related thereto.

SECTION FOUR: EFFECTIVE DATE. This Resolution will be in full force and effect upon its passage and approval by a majority of the members of the City Council.

[SIGNATURE PAGE FOLLOWS]

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

RESOLUTION NO.:

_____
Nancy R. Rotering, Mayor

ATTEST:

_____
Ghida S. Neukirch, City Clerk

EXHIBIT A

FIRST AMENDMENT

FIRST AMENDMENT TO THE INTERGOVERNMENTAL AGREEMENT BETWEEN THE CITY OF LAKE FOREST AND THE CITY OF HIGHLAND PARK RELATING TO WATER INTERCONNECTION FOR BOTH EMERGENCY AND SYSTEM MAINTENANCE PURPOSES

THIS IS A FIRST AMENDMENT ("***First Amendment***"), dated as of the ____ day of _____, 2026, to that certain Intergovernmental Agreement dated _____, 2009 ("***Agreement***"), by and between the **CITY OF LAKE FOREST**, an Illinois home rule municipal corporation (***"Lake Forest"***), and the **CITY OF HIGHLAND PARK**, an Illinois home rule municipal corporation (***"Highland Park"***). In consideration of the recitals and mutual covenants and agreements set forth in this First Amendment, the receipt and sufficiency of which are hereby acknowledged and agreed, the parties agree as follows:

SECTION ONE. RECITALS.

A. Under Article VII, Sections 6(a) and 10 of the Illinois Constitution of the 1970, and the Intergovernmental Cooperation Act, 5 ILCS 220/1, *et seq.*, Lake Forest and Highland Park may enter into intergovernmental agreements to jointly combine, exercise, transfer, and enjoy their home rule powers, privileges, functions, and authorities.

B. Lake Forest and Highland Park entered into the Agreement to establish a means to supply each other with a limited supply of water under emergency conditions when their normal source of water supply is unavailable.

C. Section 4(A) of the Agreement defines which elected or appointed officials from each city may declare that an emergency condition exists when an emergency request for water is received.

D. Lake Forest and Highland Park desire to amend Section 4(A) of the Agreement to update the procedure for each party to initiate requests for emergency water supply from the other party.

SECTION TWO. DEFINITIONS; RULES OF CONSTRUCTION.

A. **Definitions.** All capitalized words and phrases used throughout this First Amendment have the meanings set forth in the various provisions of this First Amendment. If a word or phrase is not specifically defined in this First Amendment, it has the same meaning as in the Agreement.

B. **Rules of Construction.** Except as specifically provided in this First Amendment, all terms, provisions and requirements contained in the Agreement remain unchanged and in full

force and effect. In the event of a conflict between the text of the Agreement and the text of this First Amendment, the text of this First Amendment will control.

SECTION THREE. AMENDMENT TO AGREEMENT. The Agreement is hereby amended to read as follows (deletions are ~~stricken through~~, additions are in **bold** and double-underlined):

"**SECTION 4: EMERGENCY CONDITION AND PLANNED WATER TRANSFER SUPPLY TERMS**

It is the intention of both PARTIES that each will operate its own water system solely from its own normal source of supply. However, should this normal source of supply be interrupted or unavailable then it is the purpose of this AGREEMENT to provide an alternate source of supply pursuant to the terms herein.

A) To the extent that an Emergency Condition shall occur and an Emergency Request is necessary, an appropriate elected or appointed official must declare that an Emergency Condition exists. That official may be **one of the following officials of either PARTY**: ~~the Mayor or acting Mayor, or the City Manager of either PARTY~~ **(i) the Mayor or acting Mayor; (ii) the City Manager; (iii) the Water Plant Superintendent/Chief Water Plant Operator; or (iv) the Director of Public Works. If the Water Plant Superintendent/Chief Water Plant Operator or the Director of Public Works of either PARTY declares that an Emergency Condition exists, then that official must provide notice to the City Manager of their respective PARTY as soon as reasonably possible, but no later than 24 hours after declaring that an Emergency Condition exists.** Prior to drawing water through the Points of Delivery, the Requesting Community shall first receive permission for Temporary Service from the Supplying Community. The Supplying Community shall grant the Requesting Community permission for Temporary Service through the Points of Delivery, unless providing such service would present a hazard, not merely an inconvenience, to the Supplying Community's water service customers."

SECTION FOUR. EFFECT; EFFECTIVE DATE.

All terms, conditions and provisions of the Agreement that are not expressly amended or modified by this First Amendment remain unchanged and in full force and effect as if fully set forth herein. To the extent that the terms and provisions of this First Amendment conflict with the Agreement, the terms and provisions of this First Amendment control. The effective date of this First Amendment is _____, 2026.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have caused this First Amendment to be executed by their duly authorized representatives as of the date and year first written above:

CITY OF LAKE FOREST

By: _____
Mayor

ATTEST:

_____
City Clerk

CITY OF HIGHLAND PARK

By: _____
Mayor

ATTEST:

_____
City Clerk

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Joe O'Neill, Deputy Director of Public Works

Department: Public Works Department

Title: A Resolution Approving a Grant of Easement to Commonwealth Edison Company

Recommendation:
Staff recommends granting an easement to Commonwealth Edison Company (ComEd) for placement of electrical equipment along certain property located at Indian Tree Drive, Highland Park, IL 60035.

Policy Consideration:
As part of ComEd's continued effort to increase electrical reliability within the community, relocation of poles, upgrades to wires, and extension of the existing system is often needed. In this case, there is an existing line of electrical wire in the residential backyards between Green Bay Road and Indian Tree Drive, adjacent to City property located at 33 Green Bay Road. The easement request extends the power lines south onto the City property.

City staff and Corporation Counsel reviewed the easement document and are satisfied with the language. The ComEd non-exclusive easement, attached as Exhibit A and referenced in the Resolution, graphically depicts the proposed dedicated easement area. Pertinent documents are available for review at the Public Works Department.

Core Priorities:
Infrastructure Investment
This work is being done as part of a ComEd infrastructure improvement that will serve the City for decades in the future.

Attachments:
1. HP Resolution Approving Grant of Easement to ComEd Indian Tree Drive 10.15.2025
2. Exhibit A - Highland Park Distribution Easement

CITY OF HIGHLAND PARK

RESOLUTION NO. _____

A RESOLUTION APPROVING A GRANT OF EASEMENT TO COMMONWEALTH EDISON COMPANY

WHEREAS, the City of Highland Park ("***City***") is the owner of, and has jurisdiction over, that certain property located on Indian Tree Drive in the City, as legally described on **Exhibit A** attached to and, by this reference, made a part of this Resolution ("***Property***"); and

WHEREAS, Commonwealth Edison Company, an Illinois corporation ("***ComEd***"), has identified the need to construct and maintain certain electronic facilities on the eastern five feet of the Property (***"Easement Premises"***); and

WHEREAS, in order to construct and maintain the facilities, ComEd has requested that the City grant an easement to ComEd over the Easement Premises ("***Grant of Easement***"); and

WHEREAS, the City Council has determined that approval of the Grant of Easement will serve and be in the best interest of the City;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: APPROVAL OF GRANT OF EASEMENT. The Grant of Easement by the City to ComEd is hereby approved in substantially the form attached to this Resolution as **Exhibit A**, and in a final form to be approved by the City Manager and the Corporation Counsel.

SECTION THREE: EXECUTION OF GRANT OF EASEMENT. The City Manager is hereby authorized and directed to execute, on behalf of the City, the Grant of Easement and all necessary documentation related thereto.

SECTION FOUR. EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage, approval, and publication in the manner provided by law.

[SIGNATURE PAGE FOLLOWS]

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

RESOLUTION NO.

_____
Nancy R. Rotering, Mayor

ATTEST:

_____
Ghida S. Neukirch, City Clerk

EXHIBIT A

GRANT OF EASEMENT

GRANT OF EASEMENT

The City of Highland Park Illinois home rule municipal corporation, ("Grantor") in consideration of the sum of One Dollar and other valuable consideration, receipt of which is hereby acknowledged, hereby grant(s) and conveys to **COMMONWEALTH EDISON COMPANY,** an Illinois Corporation, (together with its licensees, successors and assigns, collectively, "Grantee"), an easement to construct, operate, repair, maintain, modify, reconstruct, replace, supplement, relocate, support, upgrade and remove, from time to time, poles, guys, anchors, wires, cables, fiber, conduits, manholes, transformers, pedestals, splice boxes, structures, appurtenances, or other facilities used in connection with or in support of overhead and underground transmission and distribution of electricity, communications, sounds and signals (collectively, the "Facilities"), together with right of access to the same and the right, from time to time, to trim, destroy, cut down, or remove trees, bushes, roots, saplings and other vegetation and to clear obstructions from the surface and subsurface as may be reasonably required incident to the grant herein given, in, over, under, across, along and upon the surface of property situated in Section **36**, Township **43** North, Range **12**, East of the Third Principal Meridian in **Lake** County, Illinois (the "Property"), further described below:

"EASEMENT DESCRIPTION"

AN EASEMENT BEING THE EAST FIVE (5) FEET OF THE GRANTOR'S PROPERTY LEGALLY DESCRIBED AS FOLLOWS:

Lot 45 in Braeside, being a subdivision of part of the South Half of the Southeast Quarter of Section 36, Township 43 North, Range 12, East of the Third Principal Meridian, which lies easterly of center of the public highway which runs northerly and southerly across the Southwest Corner thereof and westerly of the right of way of the Chicago and North Western Railway Co., except the West 1.66 chains of the North 6 chains thereof, according to the plat recorded April 7, 1924, as Document 237894, in Lake County, Illinois.

PROPERTY ADDRESS: Vacant Land, Indian Tree Drive, Highland Park, IL 60035
P.I.N.: 16-36-415-005

Obstructions shall not be placed over the Facilities or in, upon or over the Easement Area without prior written consent of Grantee. After installation of any Facilities, the grade of the Property shall not be altered in a manner so as to interfere with the operation and maintenance thereof.

Except as otherwise directed by Grantor, in the event the Property is damaged by Grantee in connection with any exercise of the rights granted to Grantee pursuant to this Grant of Easement, Grantee shall make all reasonable repair the Property to a materially similar condition that the Property existed prior to such damage.

After Recording, Please Return To: David Hastings, C/O Atwell, LLC, 6001 E Royalton Road, Suite 150, Broadview Heights, OH 44147

This instrument prepared by Jerry Bouska, 3 Lincoln Centre, 4th Floor, Oakbrook Terrace, Illinois 60181, on behalf of Commonwealth Edison Company.

Complete the Appropriate Acknowledgments on Reverse Side Hereof

The Grantor represents and warrants to the Grantees that Grantor is the true and lawful owner of the Property and has full right and power to grant and convey the rights conveyed herein.

The Easement is binding upon and shall inure to the benefits of the heirs, successors, assigns, and licensees of the parties hereto.

IN WITNESS WHEREOF, the Grantor **The City of Highland Park, an Illinois home rule municipal corporation,** has caused this instrument to be executed on its behalf and its corporate seal to be affixed hereto this _____ day of _____, 202_.

By:_____

ATTEST:_____

TITLE:_____

If grantor is a corporation or trust, complete the following:

State Of _____
County Of _____

I,_____ the undersigned, a Notary Public in and for the said County and State aforesaid, do hereby certify that _____, of the **The City of Highland Park, an Illinois home rule municipal corporation,** and _____,_____ Secretary of said corporation, personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed and delivered said instrument as their own free and voluntary act and as the free and voluntary act of said corporation for the uses and purposes therein set forth; and the said Secretary then and there acknowledged that he/she, as custodian of the seal of said corporation, did affix the seal to the foregoing instrument as his/her free and voluntary act and the free and voluntary act of said corporation, for the uses and purposes therein set forth.

GIVEN under my hand and NOTARIAL SEAL this _____ day of _____, 202_.

_____
Notary Public

Aerial of PIN # 16-36-415-005

Red polygon represents 5' easement running SE/NW along rear lot line.

AERIAL IS FOR REFERENCE ONLY. PROPERTY LINES ARE APPROXIMATE.



Staff Report

Meeting Date: March 30, 2026

Staff Contact: Keith Miller, Utilities Superintendent
Joe O'Neill, Deputy Director of Public Works

Department: Public Works Department

Title: A Resolution Approving Award of the 2026 Leak Detection Services Contract to M.E. Simpson Company, Inc., of Valparaiso, Indiana

Recommendation:
Staff recommends award of the Water Service Leak Detection Services Contract to M.E. Simpson Co, Inc., Valparaiso, IN. This Water Distribution Section maintenance item was reviewed and budgeted as part of FY 26 Public Works Department budget.

Policy Consideration:

The Water Distribution Section of the Public Works Department is responsible for the operation, maintenance, and repair of approximately 180 miles of water mains that convey potable water throughout the City's distribution system. As part of this responsibility, the City implements a proactive leak detection program to identify and address water loss within the system.

This program utilizes a specialized technical services contractor equipped with advanced, state-of-the-art acoustic leak detection technology to identify subsurface leaks and other sources of water loss. Through this effort, the Public Works Department is able to systematically locate, document, and prioritize repairs within the potable water system. The primary objectives of this program are to reduce non-revenue water loss, minimize the risk of infrastructure damage, and improve overall system efficiency and reliability. Based on the funds allocated for this initiative, approximately 50 miles of the distribution system will be evaluated each year. The scope of work is in an attached document for review.

On March 24, 2025, the Municipal Partnering Initiative (MPI), led by the Village of Arlington Heights, solicited bids for Water System Leak Detection Services. Participating municipalities include the Villages of Glenview, Lake Forest, Northbrook, Northfield, and the City of Highland Park. M.E. Simpson Co., Inc. was the sole bidder. The firm has previously provided leak detection services for the City and has demonstrated the capability and expertise necessary to perform this work. The submitted pricing has been reviewed and determined to be consistent

with prevailing industry standards within the region.

The contract is structured as a three (3) year agreement with the option for up to three (3) additional consecutive one-year renewals. The contract will be in the second year of the initial three-year term.

Due to current economic conditions, an update to the renewal clause in the contract provides for future cost increases that may exceed 3%, up to an amount based on the Consumer Price Index for all Urban Consumers. The attached resolution also authorizes the City Manager to execute future renewals of the Contract if the renewal is based on the terms and conditions set forth in the current contract, as determined by the City Manager and Corporation Counsel. If there are any changes to the terms and conditions, and upon expiration of the contract, succeeding contracts will be presented to the City Council for formal consideration.

This contract will be managed by the Public Works Water Section. All pertinent contract documents are available for review at the Public Works Department, located at 1150 Half Day Road.

Core Priorities:

Fiscal Stability

The Public Works FY 26 Water Operational budget has sufficient funding for this maintenance service.

Attachments:

1. Resolution - Leak Detection
2. 2026 Leak Detection Services Contract
3. Leak Survey Scope

CITY OF HIGHLAND PARK

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING AWARD OF THE 2026 LEAK DETECTION SERVICES CONTRACT TO M.E. SIMPSON COMPANY, INC., OF VALPARAISO, INDIANA

WHEREAS, the Municipal Partnering Initiative (**"MPI"**) sought bids for the award of the Leak Detection Services Contract (***"Contract"***), for the purpose of as-needed leak detection services within the City; and

WHEREAS, M.E. Simpson Company, Inc., of Valparaiso, Indiana (***"M.E. Simpson"***), was the sole bidder that submitted a bid package to MPI; and

WHEREAS, the City Council has determined that entering into the Contract with M.E. Simpson will serve and be in the best interest of the City;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: AUTHORIZATION OF CONTRACT. The Contract by and between the City and M.E. Simpson shall be, and is hereby, authorized in substantially the form attached to this Resolution.

SECTION THREE: EXECUTION OF CONTRACT. The City Manager and the Deputy City Clerk shall be, and they are hereby, authorized and directed to execute and attest, on behalf of the City, the Contract upon receipt by the City Clerk of at least one original copy of the Contract executed by M.E. Simpson; provided, however, that if the executed copy of the Contract is not received by the City Clerk within 60 days after the effective date of this Resolution, then this authority to execute and attest shall, at the option of the City Council, be null and void.

SECTION FOUR: EXECUTION OF FUTURE RENEWALS OF AGREEMENTS. The City Manager is authorized to execute future renewals of the Contract for future calendar years, in accordance with Section 3.B of the Contract, if: (a) the City Manager determines, in their discretion, that the proposed renewal is favorable to the City; and (b) the terms of the proposed renewal is substantially similar to the Contract, as determined by the City Manager and the Corporation Counsel. This Resolution is not to be deemed or interpreted as obligating the City Manager to execute any future renewal of any Contract.

SECTION FIVE: EFFECTIVE DATE. This Resolution shall be in full force and effect upon its passage and approval by a majority of the members of the City Council.

[SIGNATURE PAGE FOLLOWS]

ADOPTED

AYES:

ADOPTED:

RESOLUTION NO.

Nancy R. Rotering, Mayor

ATTEST:

Ghida S. Neukirch, City Clerk

4112527_V5

City of Highland Park

Public Works Department

1150 Half Day Rd.
Highland Park, Illinois 60035
847.432.0807
cityhpil.com

CONTRACT FOR (MPI) WATER SYSTEM
LEAK DETECTION & SURVEY SERVICES

Full Name of Bidder ("***Bidder***")	M.E. Simpson Company, Inc.	
Office Address	3406 Enterprise Ave.	
City, State Zip	Valparaiso, IN 46373	
Contact Person	Cara Lance-Emerick	
Email Address	caral@mesimpson.com	
Telephone No. 800-255-1521		Fax No.

Bidder warrants and represents that Bidder has carefully examined the Work Site described below and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. NONE *[**if none, write "NONE"**], which are securely stapled to the end of this Contract/Proposal.*

1. **Work Proposal**

A. Contract and Work. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall, at its sole cost and expense, provide, perform, and complete, in the manner specified and described, and upon the terms and conditions set forth, in this Contract/Proposal and the City's written notification of acceptance in the form included in this bound set of documents, all of the following, all of which is herein referred to as the "Work":

1. Labor, Equipment, Materials, and Supplies. Provide, perform, and complete, in the manner specified and described in this Contract/Proposal, all necessary work, labor, services, transportation, equipment, materials, supplies, information, data, and other means and items necessary for the work, labor, services, transportation, equipment, materials, supplies, information, data, and other means and items necessary for the detecting and marking of the estimated location of leaks at the various locations throughout the City of Highland Park ("***Work Site***");
2. Permits. Procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith;
3. Bonds and Insurance. Procure and furnish all bonds and all insurance certificates and policies of insurance specified in this Contract/Proposal;
4. Taxes. Pay all applicable federal, state, and local taxes;
5. Miscellaneous. Do all other things required of Bidder by this Contract/Proposal; and
6. Quality. Provide, perform, and complete all of the foregoing in a proper and workmanlike manner, consistent with the standards of recognized professional firms in performing Work of a similar nature, in full compliance with, and as required by or pursuant, to this Contract/Proposal, and with the greatest economy, efficiency, and expedition consistent therewith, with only new, undamaged, and first quality equipment, materials, and supplies.

B. Performance Standards. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that all Work shall be fully provided, performed, and completed.

C. Responsibility for Damage or Loss. Bidder proposes, and agrees, that Bidder shall be responsible and liable for, and shall promptly and without charge to City repair or replace, any damage done to, and any loss or injury suffered by, the City, the Work, the Work Site, or other property or persons as a result of the Work.

D. Inspection/Testing/Rejection. City shall have the right to inspect all or any part of the Work and to reject all or any part of the Work that is, in City's judgment, defective or damaged or that in any way fails to conform strictly to the requirements

of this Contract/Proposal and the City, without limiting its other rights or remedies, may require correction or replacement at Bidder's cost, perform or have performed all Work necessary to complete or correct all or any part of the Work that is defective, damaged, or nonconforming and charge Bidder with any excess cost incurred thereby, or cancel all or any part of any order or this Contract/Proposal. Work so rejected may be returned or held at Bidder's expense and risk.

2. **Contract Price Proposal**

If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall take in full payment for all Work and other matters set forth under Section 1 above, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, the compensation set forth below.

A. SCHEDULE OF PRICES

For providing, performing, and completing all Work, the sum of products resulting from multiplying the number of acceptable units of Unit Price Items listed in **Attachment B, Schedule of Prices** incorporated into the Work.

B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

1. All prices stated in the Schedule of Prices are firm and shall not be subject to escalation or change;
2. The City is not subject to state or local sales, use, and excise taxes, that no such taxes are included in the Schedule of Prices, and that all claim or right to claim any additional compensation by reason of the payment of any such tax is hereby waived and released; and
3. All other applicable federal, state, and local taxes of every kind and nature applicable to the Work are included in the Schedule of Prices.
4. The approximate quantities set forth in the Schedule of Prices for each Unit Price Item are the City's estimate only, that the City reserves the right to increase or decrease such quantities, that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item installed complete in place in full compliance with this Contract/Proposal, and that all claim or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, is hereby waived and released

C. TIME OF PAYMENT

It is expressly understood and agreed that all payments shall be made in accordance with the following schedule:

Within 45 days from Receipt of Invoice

All payments may be subject to deduction or setoff by reason of any failure of Bidder to perform under this Contract/Proposal. Each payment shall include Bidder's certification of the value of, and partial or final waivers of lien covering, all Work for which payment is then requested and Bidder's certification that all prior payments have been properly applied to the payment or reimbursement of the costs with respect to which they were paid. Final pay request shall include, without limitation: (i) all final waivers of lien; and (ii) all final certified payrolls, as required pursuant to Section 7.K of this Contract.

Invoices must be submitted within sixty (60) days of completion of the Work. The City has no obligation to pay any invoices submitted after sixty (60) days of the completion of the invoiced Work.

3. **Contract Time Proposal**

A. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall commence the Work within 10 days following the City's acceptance of this Contract/Proposal provided Bidder shall have furnished to the City all bonds and all insurance certificates specified in this Contract/Proposal ("***Commencement Date***"). If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall perform the Work diligently and continuously and shall complete the Work not later than **December 31, 2027** ("***Time of Performance***"). The City may modify the Time of Performance at any time upon 15 days prior written notice to the Bidder. Delays caused by the City shall extend the Time of Performance; provided, however, that Bidder shall be responsible for completion of all Work within the Time of Performance, notwithstanding any strike or other work stoppage by employees of either Bidder or of the City.

B. This Contract may be renewed for no more than three additional and consecutive one-year terms, upon the mutual written consent of the City and Bidder. For all Work performed by Bidder during any renewal term, Bidder shall be paid an amount equal to the total Contract Price, as adjusted by an amount to be mutually agreed by the City and Bidder, and in no event greater than the higher of 3% or the Consumer Price Index for all Urban Consumers published by the Bureau of Labor Statistics of the United States Department of Labor for

Chicago-Naperville-Elgin, IL-IN-WI, All Items (1982-84 = $100) for the previous calendar year. ("Renewal Terms")

4. **Financial Assurance**

A. Bonds. None required

B. Insurance. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall provide certificates of insurance evidencing the minimum insurance coverages and limits set forth below within 10 days following the City's acceptance of this Contract/Proposal. Such policies shall be in form, and from companies, acceptable to the City. The insurance coverages and limits set forth below shall be deemed to be minimum coverages and limits and shall not be construed in any way as a limitation on Bidder's duty to carry adequate insurance or on Bidder's liability for losses or damages under this Contract/Proposal. The minimum insurance coverages and limits that shall be maintained at all times while providing, performing, or completing the Work are as follows:

1. Workers' Compensation and Employer's Liability
   Limits shall not be less than:
   Worker's Compensation: Statutory
   Employer's Liability:
   $500,000 ea. accident-injury
   $500,000 ea. employee-disease
   $500,000 disease-policy
   Such insurance shall evidence that coverage applies to the State of Illinois.

2. Comprehensive Motor Vehicle Liability
   Limits for vehicles owned, non-owned or rented shall not be less than:
   $1,000,000 Bodily Injury and Property Damage Combined Single Limit

3. Comprehensive General Liability
   Limits shall not be less than:
   $1,000,000 Bodily Injury and Property Damage Combined Single Limit.
   Coverage is to be written on an "occurrence" basis.
   Coverage to include:
   - Premises Operations
   - Products/Completed Operations
   - Independent Contractors
   - Personal Injury (with Employment Exclusion deleted)
   - Broad Form Property Damage Endorsement
   - "X," "C," and "U"
   - Contractual Liability

   Contractual Liability coverage shall specifically include the indemnification set forth below.

C. Indemnification. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall indemnify, save harmless, and defend the City against all damages, liability, claims, losses, and expenses (including attorneys' fee) that may arise, or be alleged to have arisen, out of or in connection with Bidder's performance of, or failure to perform, the Work or any part thereof, or any failure to meet the representations and warranties set forth in Section 6 of this Contract/Proposal.

D. Penalties. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Bidder's performance of, or failure to perform, the Work or any part thereof.

5. **Firm Proposal**

All prices and other terms stated in this Contract/Proposal are firm and shall not be subject to withdrawal, escalation, or change provided the City accepts this Contract/Proposal within 60 days after the date this sealed Agreement is opened.

6. **Bidder's Representations and Warranties**

In order to induce the City to accept this Contract/Proposal, Bidder hereby represents and warrants as follows:

A. The Work. The Work, and all of its components, shall strictly conform to the requirements of this Contract/Proposal, including, without limitation, the performance standards set forth in Subsection 1B of this Contract/Proposal; and shall be fit, sufficient, and suitable for the purposes expressed in, or reasonably inferred from, this Contract/Proposal and the warranties expressed herein shall be in addition to any other warranties expressed or implied by law, which are hereby reserved unto the City.

B. Compliance with Laws. The Work, and all of its components, shall be provided, performed, and completed in compliance with, and Bidder agrees to be bound by, all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time, including without limitation ***the Prevailing Wage Act, 820 ILCS 130/0.01 et seq. (if the Illinois Department of Labor revises the prevailing rate of hourly wages to be paid, the revised rate shall apply to this Contract); any other or any*** prevailing wage laws; any statutes requiring preference to laborers of specified classes, including, without limitation, the Employment of Illinois Workers on Public Works Act, 30 ILCS 570/0.01 et seq.; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification; and any statutes regarding safety or the

performance of the Work. Further, Bidder shall have a written sexual harassment policy in compliance with Section 2-105 of the Illinois Human Rights Act during the course of the work.

C. Not Barred. Bidder is not barred by law from contracting with the City or with any other unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Bidder is contesting, in accordance with the procedures established by the appropriate Revenue Act, its liability for the tax or the amount of tax, as set forth in 65 ILCS 5/11-42.1-1; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33 of the Criminal Code of 1961, 720 ILCS 5/33E-1 et seq.

D. Qualified. Bidder has the requisite experience, ability, capital, facilities, plant, organization, and staff to enable Bidder to perform the Work successfully and promptly and to commence and complete the Work within the Contract Price and Contract Time Proposals set forth above.

7. **Acknowledgements**

In submitting this Contract/Proposal, Bidder acknowledges and agrees that:

A. Reliance. The City is relying on all warranties, representations, and statements made by Bidder in this Contract/Proposal.

B. Reservation of Rights. The City reserves the right to reject any and all proposals, reserves the right to reject the low price proposal, and reserves such other rights as are set forth in the Instructions to Bidders.

C. Acceptance. If this Contract/Proposal is accepted, Bidder shall be bound by each and every term, condition, or provision contained in this Contract/Proposal and in the City's written notification of acceptance in the form included in this bound set of documents.

D. Remedies. Each of the rights and remedies reserved to the City in this Contract/Proposal shall be cumulative and additional to any other or further remedies provided in law or equity or in this Contract/Proposal.

E. Time. Time is of the essence in the performance of all terms and provisions of this Contract/Proposal and, except where stated otherwise references in this Contract/Proposal to days shall be construed to refer to calendar days and time.

F. No Waiver. No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by the City, whether before or after the City's acceptance of this Contract/Proposal; nor any information or data supplied by the City, whether before or after the City's acceptance of this Contract/Proposal; nor any order by the City for the payment of money; nor any payment for, or use, possession, or acceptance of, the whole or any part of the Work by the City; nor any extension of time granted by the City; nor any delay by the City in exercising any right under this Contract/Proposal; nor any other act or omission of the City shall constitute or be deemed to be an acceptance of any defective, damaged, or nonconforming Work, nor operate to waive or otherwise diminish the effect of any representation or warranty made by Bidder; or of any requirement or provision of this Contract/Proposal; or of any remedy, power, or right of the City.

G. Severability. It is hereby expressed to be the intent of the parties to this Contract/Proposal that should any provision, covenant, agreement, or portion of this Contract/Proposal or its application to any Person or property be held invalid by a court of competent jurisdiction, the remaining provisions of this Contract/Proposal and the validity, enforceability, and application to any Person or property shall not be impaired thereby, but the remaining provisions shall be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Contract/Proposal to the greatest extent permitted by applicable law.

H. Amendments and Modifications. No amendment or modification to this Contract/Proposal shall be effective until it is reduced to writing and approved and executed by the corporate authorities of the parties in accordance with all applicable statutory procedures.

I. Assignment. Neither this Contract/Proposal, nor any interest herein, shall be assigned or subcontracted, in whole or in part, by Bidder except upon the prior written consent of the City.

J. Governing Law. This Contract/Proposal shall be governed by, construed, and enforced in accordance with the internal laws, but not the conflicts of laws rules, of the State of Illinois.

K. Conflicts of Interest. Bidder represents and certifies that, to the best of its knowledge, (1) no elected or appointed City official, employee or agent has a personal financial interest in the business of the Bidder or in this Agreement, or has personally received payment or other consideration for this Agreement; (2) as of the date of this Agreement, neither Bidder nor any person employed or associated with Bidder has any interest that would conflict in any manner or degree with the performance of the obligations under this Agreement; and (3) neither Bidder nor any person employed by or associated with Bidder shall at any time during the term of this Agreement obtain or acquire any interest that would conflict in any manner or degree with the performance of the obligations under this Agreement.

L. Attachment/Conflicts. Exhibits attached to this Contract/Proposal is, by this reference, incorporated in and made a part of this Contract/Proposal. In the event of a conflict between the Attachment and the text of this Agreement, the text will control.

M. Award of Contract. The City reserves the right to make multiple awards of this Contract.

DATED this _____ day of _____, 202___

WATER SYSTEM LEAK DETECTION & SURVEY SERVICES

Dated this 24th day of MARCH, 2026

Bidder's Status: ☒ Indiana (State) Corporation ☐ _____ (State) Partnership ☐ Individual Proprietor

Bidder's Name: M.E. Simpson Co., Inc.

Doing Business As (if different): _____

Signature of Bidder or Authorized Agent: John H. Van Arsdel
(Corporate seal, if corporation)

M.E. Simpson Company, Inc CORPORATE SEAL Indiana

Printed Name: John H. Van Arsdel

Title/Position: Senior Vice President

Business Address: 3406 Enterprise Ave., Valparaiso, Indiana 46383

mail to: P.O. Box 1430. Valparaiso, Indiana 46384

Business phone: 800.255.1521

If a Corporation or Partnership, list all Officers or Partners:

NAME	TITLE	ADDRESS
Michael Simpson	CEO	3406 Enterprise Ave., Valparaiso, IN 46383
Dan Hood	President	3406 Enterprise Ave., Valparaiso, IN 46383
Pam Hood	Secretary	3406 Enterprise Ave., Valparaiso, IN 46383
John H. Van Arsdel	Senior Vice President	3406 Enterprise Ave., Valparaiso, IN 46383

Related Experience

List three projects most comparable to the Work completed by Bidder, or its predecessors, in the past five years:

	PROJECT ONE	PROJECT TWO	PROJECT THREE
Owner Name	City of Joliet, IL	Village of Downers Grove, IL	City of Batavia, IL
Owner Address	921 E. Washington St.	5101 Walnut Ave.	200 N. Raddant Rd.
	Joliet, IL 60433	Downers Grove, IL 60515	Batavia, IL 60510
Reference	Allison Swisher, P.E.	David Moody	Jeremy Barkei
Phone Number	815-724-4230	630-434-5462	630-454-2300
Type of Work	leak detection survey	leak detection survey	leak detection survey

CITY'S ACCEPTANCE

The Contract/Proposal attached hereto and by this reference incorporated herein and made a part hereof is hereby accepted by the order of the City of Highland Park ("***City***") this _____ day of _____, 2026.

This Acceptance, together with the Contract/Proposal attached hereto, constitutes the entire and only agreement between the parties relating to the accomplishment of the Work and the compensation therefor and supersedes and merges any other prior or contemporaneous discussions, agreements, or understandings, whether written or oral, and shall prevail over any contradictory or inconsistent terms or conditions contained in any purchase order, acceptance, acknowledgement, invoice, or other standard form used by the parties in the performance of the Contract/Proposal. Any such contradictory or inconsistent terms or conditions shall be deemed objected to by the City without further notice of objection and shall be of no effect nor in any circumstances binding upon the City unless accepted by the City in a written document plainly labeled "Amendment to Agreement." Acceptance or rejection by the City of any such contradictory or inconsistent terms or conditions shall not constitute acceptance of any other contradictory or inconsistent terms or conditions.

ATTEST:

_____

Ashley Palbitska, Deputy City Clerk

CITY OF HIGHLAND PARK

_____

Ghida S. Neukirch, City Manager

#1498157_v5

ATTACHMENT A
SCHEDULE OF PRICES

SCHEDULE OF PRICES

WATER SYSTEM LEAK DETECTION & SURVEY SERVICES PRICING TABLE

Item A – Year One

Item No.	Items	Unit	Annual Price
1.	Arlington Heights	Year	$74,100.00
2.	Glenview	Year	$70,110.00
3.	Highland Park	Year	$49,020.00
4.	Lake Forest	Year	$48,450.00
5.	Northbrook	Year	$62,700.00
6.	Northfield	Year	$13,680.00
	Total Item A – Year One Costs		$318,060.00

Item B – Year Two

Item No.	Items	Unit	Annual Price
1.	Arlington Heights	Year	$76,700.00
2.	Glenview	Year	$72,570.00
3.	Highland Park	Year	$50,740.00
4.	Lake Forest	Year	$50,150.00
5.	Northbrook	Year	$64,900.00
6.	Northfield	Year	$14,160.00
	Total Item B – Year Two Costs		$329,220.00

Item C – Year Three

Item No.	Items	Unit	Annual Price
1.	Arlington Heights	Year	$76,700.00
2.	Glenview	Year	$72,570.00
3.	Highland Park	Year	$50,740.00
4.	Lake Forest	Year	$50,150.00
5.	Northbrook	Year	$64,900.00
6.	Northfield	Year	$14,160.00
	Total Item C – Year Three Costs		$329,220.00
	TOTAL COST OF ALL ITEMS		$976,500.00

ANNUAL DISCOUNT IF ALLOWED TO STORE AT MUNICIPAL FACILITY

IF THE CONTRACTOR WILL UTILIZE SPACE AT A MUNICIPAL FACILITY TO STORE EQUIPMENT OVERNIGHT

Item No.	Items	% Annual Discount
1.	Arlington Heights	0 %
2.	Glenview	0 %
3.	Highland Park	0 %
4.	Lake Forest	0 %
5.	Northbrook	0 %
6.	Northfield	0 %

Emergency Response Rate

Item No.	Items	Unit	Rate
1.	Regular Hours – No Minimums	Per Hour	$385.00
2.	After Hours – Minimum Two Hours	Two Hour Callout	$1,395.00
3.	After Hours – Hourly Cost After Two Hour Minimum	Per Hour	$350.00

City of Highland Park

1. Miles of distribution pipeline requiring leak detection: 172
2. System total mileage: 172
3. Will accurate system maps be made available? If so, what are the age of the maps? Yes, they are current. Items are updated as we find them.
4. Is your municipality on a grid system? No we are a loop system.
5. Please list the water pipe diameter size range: 4"-36"
6. Approximately what percent of your pipes are:
   a. Cast iron: 51.19
   b. Ductile iron: 27.28
   c. Steel: 0
   d. AC: 0
   e. PVC: .28
   f. Other: 20.65
   g. Reinforced Concrete: .6
7. What materials are your service lines (copper, poly, galv., etc.)? Ductile, Cast, Copper, Galvanized, and Lead
8. Please list your system pressure variances (PSI) range: 65-100
9. Approximate # of service connections: 10,449
10. What % of services are metered: All
11. Please list your pipe depth range: 4'-16'
12. Please list your water source(s):Lake Michigan
13. Number of tanks/reservoirs: 3
14. Do you currently use GIS: Yes
15. Do you currently use a computer maintenance management system (CityWorks, PubWorks etc.)? If so, what system do you use? No
16. Have you started an asset management program? No

SCOPE OF WORK

Water Distribution System Leak Survey

The Field Scope of Service for the Leak Survey is understood to be the following:

M.E. Simpson Co., Inc. will be responsible for supplying all the essential resources, including labor, materials, transportation, tools, and equipment, required for the survey of the designated water distribution system areas as determined by the Utility. M.E. Simpson Co., Inc. must ensure the availability of proficient and trained personnel, as well as the necessary equipment, to successfully execute the tasks outlined in this scope of work. **There will be a minimum of Two Persons per team working on the survey at all times.** The project team will:

- Work in an orderly and **safe** manner to ensure protection of the local residents, Utility employees, and the Field Staff, preventing **avoidable** accidents.
- All Field Staff will wear readily observable identification badges while in the field.
- Use leak detection equipment specified in the “Equipment to be used” section.
- Initially, conduct physical contact listening on **all fire hydrants, all accessible main line valves**, and, when necessary, selected service connections across the entire distribution system. Inaccessible listening points will be reported to the Utility for resolution.
- Listening points of contact will be valves, hydrants, service valves or meter settings. The preferred order of listening points is as follows: direct contact with the pipe, main line valves, hydrant valves, hydrants, then service valves or meter settings.
- Determine specific listening distances based on pipe material: Metallic pipes - no greater than 500 feet between listening points; Non-Metallic AC/Concrete pipes - no greater than 300 feet between listening points; Non-Metallic PVC/HDPE pipes - no greater than 150 feet between listening points.
- Maintain a Suspected Leak log indicating all areas where suspected leak noise was detected. This log will be reviewed during the verification of suspected leak areas, regardless of whether an actual leak is found, with an explanation of the noise source. It will be included in the periodic reports submitted to the Utility.
- Upon identifying or suspecting potential leak noise, conduct a secondary verification of the suspected area. A minimum of four hours will elapse between the initial assessment and the follow-up confirmation.
- The Project Team will perform **line locating** for both the water main and service lines in the nearby vicinity. Accurate pipe distance input into the leak correlator and providing the Water Utility with preliminary knowledge of the water main's approximate location are vital outcomes of this step. In the case of non-metallic pipes, their locations will be estimated, considering the line location of metallic services, Utility's area knowledge, or other pertinent information.
- Employ state-of-the-art **Electronic Leak Correlators** to detect and pinpoint leaks.
- *For PVC water mains only the Echologics LeakFinder-ST w/hydrophones leak correlator or Fluid Conservation Systems (FCS) Touch Pro leak correlator, will be used for correlations due to their ability to analyze the particular sound frequencies associated with PVC pipe.*
- Field marking of leak locations will be done using environmentally formulated Precautionary Blue paint.
- The Project Team will document all leak locations with diagrams indicating the leak’s precise position, along with related correlation information such as filters used, line locations, sensor distances, and more.
- Leaks requiring **immediate attention (immediate threat to life, injury or traffic)** will be reported as swiftly as possible to expedite the repair process.
- Daily reporting to the Utility’s assigned Professional will occur, covering progress from the previous day and survey plans for the current day.
- Components of the Leak Survey may need to be conducted during "off hours," such as at night. Advanced 24-hour notice will be given when surveying an area that requires after-hours or nighttime surveying to

enable proper planning by the Utility, notification to the Police department, and other relevant Public Works Divisions.

- As part of the leak program, mapping discrepancies and distribution assets found in disrepair will be noted and reported to the Utility.
- Leaks confirmed on the customer's side of a service shut-off will not be located beyond the shut-off. The Utility will be informed first, followed by customer notification and permission before any water shut-off, even for short periods, occurs, allowing for customer response.
- If the Utility requests leak locations beyond the service shut-off on the customer's side of the service line, an additional charge will be applied to the leak survey based on an hourly rate. Such service must be agreed upon between the Utility and M.E. Simpson Co., Inc. before the survey's commencement.
- Only operate valves and hydrants with permission from the Utility. Valves and hydrants breaking during this operation are the sole responsibility of the Utility. M.E. Simpson Co., Inc. cannot be held liable for breakage due to pre-existing conditions.
- Encourage the Utility to expedite the repair of located leaks so that the area can be re-surveyed while the Project Team is still working in that geographical vicinity to ensure no other leaks are present.

Equipment List

- FCS **S30** Gutermann **AquaScope** electronically enhanced listening device
- Echologics **LeakFinder-ST w/hydrophones**
- FCS **Touch Pro**
- Vivax-Metrotech **HL6000X** leak correlator systems
- **RADIO Detection** Line Locators
- **Chicago Tape**, **Fisher M-Scope** or **Schonstedt** magnetic locators
- **All necessary listening rods, valve keys, hydrant wrenches and hand tools**
- Truck mounted arrow board/signage and warning lights
- Traffic control equipment, including properly sized traffic cones with reflective stripes

Quality Control and Accuracy of Leak Locations

The level of accuracy in leak detection is contingent on a thorough consideration of all the factors mentioned above, and the application of these considerations to each potential leak location as it undergoes evaluation. Any statement regarding the accuracy of leak locations must be understood in the context of the specific conditions surrounding each leak.

Detecting and pinpointing leaks within a distribution system is inherently challenging. It is not a perfect science. Pipes and fittings may develop leaks for a variety of reasons, including factors such as age, poor installation, material deficiencies, or adverse soil conditions. By adhering to a strict methodology in the field during the leak survey, these variables can be accounted for and mitigated. The depth of experience possessed by the Project Team is pivotal in maintaining the ability to achieve accurate leak locations. Furthermore, field crews work in Two-Person Teams, providing an additional layer of oversight and quality control as the survey progresses.

Utility Observations

The M.E. Simpson Co., Inc. Project Team will welcome having staff of the Utility observe field procedures while the Leak Survey is in progress. They will be happy to explain and demonstrate the equipment and techniques that are employed by M.E. Simpson Co., Inc. for detecting and locating leaks on the Water System.

Final Reports, Documentations & Communications

M.E. Simpson Co, Inc. will perform the following:

- Project Team will **meet daily** with assigned Utility personnel to go over areas of survey for prior workday and plan current day and area to survey.
- The field technicians will be readily available by phone. This will facilitate communications between the Utility and the field technicians. A **24-hour toll-free 800 number** is available for direct contact with M.E. Simpson Co., Inc. for emergencies.
- **Diagram all leak locations**, date of location, and classify according to severity and an estimate of loss.
- **The Project Manager will** meet with the Utility regularly for a progress report.
- **Prepare a progress report** at monthly intervals for the Utility if requested.
- Develop a **Leak Survey log** of activity which will also have confirmed leaks listed and this list will be turned in weekly (in the Utility preferred format). The list will also be included with the final report that will include the following:
  1. Mechanical deficiencies discovered
  2. Mapping errors on the water atlas
  3. Type of monitored appurtenances
  4. Location of same for leaks discovered
  5. Total estimated loss
- Provide a paper map with numbered location IDs and ArcGIS files showing a point location for each leak. The ArcGIS shapefile/geodatabase shall include the following attribute fields:
  1. Location per sub-meter GPS
  2. Date of leak test
  3. Estimated severity in GPM
  4. Notes (as applicable)
- **Prepare the final report** at the completion of the project which will include all leak location reports with drawings, total of estimated water loss, total pipe distance investigated, a description of the area surveyed, and other problems found in the system during the course of the survey that need the attention of the Water Utility. The leak summary will list leak types such as main leaks, service line leaks, valve leaks, or hydrant leaks.

  A cost benefit analysis of the survey based on the "cost to produce" water will also be included that describes the financial impact to the Utility for water loss. Recommendations for system maintenance will be a part of this report based on field observations made during the survey. **This final report shall be made available for submission to the Utility within thirty (30) working days of the completion of the fieldwork.**

Assumptions & Services Provided by the Utility

- Utility will provide access to documents, records, electronic and paper maps, and data sources. These detailed items are necessary to properly conduct the system leak survey. These will include:
  1. ArcGIS Online internet mapping application, which allows on-screen distance measurements.
  2. Exported copy of the Utility's water GIS database in shapefile or another ESRI-compatible format.
  3. Electronic version of the Village-wide map in PDF format.
  4. PDF versions or paper copies of detailed engineering drawings only as needed and available.
- The Utility will assist as necessary to clean out service valves, meter pits and valve-boxes needed for listening.

- The Utility will provide a Primary Contact Person and/or secondary contact person for the Field Staff to report to on a periodic basis. This person shall act as the official liaison for the duration of the Leak Survey. This person shall have a working knowledge of the water system and will be helpful in attempting to locate particularly hard-to-find water valves for listening and for general information about the water system. *This person will not need to assist the Project Team on a full-time basis*, but only on an "as needed" basis.
- The Utility will assist, if needed, to help gain entry into sites that may be difficult to get into due to security issues or other concerns.
- The Utility will assist, if needed, to locate all nonmetallic pipe within the service area. This would include all Concrete Cylinder pipe, Asbestos Cement Pipe, PVC pipe and HDPE pipe.
- We will encourage the immediate digging of major leaks (main breaks) so that if there are problems with the leak location, the problems can be corrected while the Project Team is close by and can verify the site.

Sample Documentation

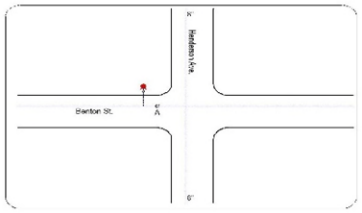
Examples of our leak survey report are shown below.

M.E. SIMPSON COMPANY, INC.

LEAK LOCATION REPORT

Client:	Joliet, Illinois	**Time:**	1:00 PM
Date:	June 17, 2024	**Tech:**	Santino M. & Victor B.
Address:	Henderson Avenue & Benton Street		

Below is a diagram of the area surveyed for a suspect leak.
This drawing is not to scale.



Distance:	0' from A
Connection point:	A= Main Line Valve
Leak Location:	0' from A
Comments:	This is a leak on a main line valve.

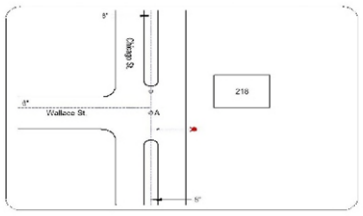
We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.

M.E. SIMPSON COMPANY, INC.

LEAK LOCATION REPORT

Client:	Joliet, Illinois	**Time:**	12:30 PM
Date:	June 24, 2024	**Tech:**	Santino M. & Victor B.
Address:	216 Chicago Street		

Below is a diagram of the area surveyed for a suspect leak.
This drawing is not to scale.



Distance:	0' from A
Connection point:	A= Main Line Valve
Leak Location:	0' from A
Comments:	This is a leak on a main line valve.

We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.

Leak Detection Methods and Procedures

MESCO Leak Detection Teams are made up of experienced water professionals with expertise in conducting leak surveys and leak pinpointing. They are trained to follow specific procedures, utilizing state-of-the-art technology and equipment, field experience and engineering knowledge.

Pinpointing leaks requires more than just running a correlator. To maximize location accuracy and minimize error, a precise methodology must be employed. MESCO Teams will investigate, measure, and gather all the necessary information, which includes but is not limited to the following:

- Pipe Size and Material
- Layout of water piping infrastructure, including service lines, hydrant legs, and any other connections to the pipe in the suspected leak area, verified via Line-Location Technology
- History of leakage in suspected area
- Measurement of pipe segments for accurate correlation
- Identify which listening points are the "loudest" to narrow down and focus in on the suspected leak area
- Identification and impact of other possible noise sources (i.e. pumps, electrical interference, traffic, etc.)
- Determine if there any partially or fully closed valves, which may result in reduced pressure on the pipe, or even cause noise as water flows through these "restrictions"
- Inspect storm and sewer structures for leakage inflow, as necessary

Once the appropriate information has been gathered, MESCO Leak Teams will methodically narrow down the suspected leak area, until the leak has been pinpointed using a correlator, or other appropriate means.

Verification of suspected Leak Locations is of the utmost importance!

Our team will utilize the following QA/QC methods to ensure that the leak location is as accurate as possible:

- **Enhanced Confidence through Multiple Correlations:** Verification of the leak location involves correlating its position from multiple correlations conducted at different listening points, significantly boosting confidence and minimizing the potential for errors.
- **Investigating Nearby Connections:** Any connections within 10% of the total correlation length from the suspected leak area will be thoroughly investigated to ensure that the leak is indeed on the pipe being examined and not originating from an adjacent connection.
- **Verification of Service Leaks:** Leaks discovered on service lines can be verified by temporarily shutting off the service. *This is only done with the permission of the utility, and coordination with the property owner.*
- **Verification of Hydrant Leaks:** In cases where hydrant leaks are suspected due to incomplete closure, they can be verified by closing the hydrant's auxiliary valve to observe if the leak noise dissipates. *Any attempt to close the hydrant and stop the leakage by tightening the operating nut is done only with the permission of the utility*.
- **Utilizing Ground Microphone:** Depending on the specific situation and local conditions, the use of a ground microphone may also serve as a verification method.

Leakage Estimation

- **Leakage Estimation for Suspected Leaks:** M.E. Simpson Company, Inc. strictly adheres to the policy of applying conservative leakage estimations to suspected leaks. These estimations draw upon over thirty years of extensive experience and take into consideration various factors, including the audio frequency of the leak, its audio volume, pipe material and size, soil type and condition, and the distances over which the leak noise propagates to different listening points.

- **Estimation Challenges for Subsurface and Non-Visible Leaks:** When dealing with suspected leaks that have not surfaced or are not visible, precise leakage estimation becomes inherently challenging. Even when a leak has "surfaced" or is visibly discharging into a storm or sewer structure, there is no guarantee that what is visible accounts for the entirety of the leakage flow. Estimations in such cases rely on situational particulars, expert judgement, and past experiences.
- **Accurate Estimations After Excavation:** Following the excavation of a leak and gaining a comprehensive understanding of the defect's full extent, it becomes possible to make more accurate, albeit limited, estimations of the flow rate. These estimations are based on the measured geometry of the defect and the operating pressure. However, certain types of defects, like full-circumference breaks, lateral splits, and profound and extensive complete failures, pose challenges for accurately quantifying their leakage effects. Even with detailed information, it is often impossible to determine how long the leak has been present or the total volume that has escaped during its existence.
- **Hydrant Leakage Estimations:** Hydrant leakage estimations encounter similar complexities, especially when the hydrant valve has not completely closed or the valve seat is obstructed. These types of "leaks" remain hidden, as water typically escapes the hydrant barrel through drainage posts and cannot be readily quantified. In such situations, modest and reasonable estimates are typically assigned.

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Joe O'Neill, Deputy Director of Public Works
Keith Miller, Utilities Superintendent

Department: Public Works Department

Title: A Resolution Approving Certain City Officials and Officers to Execute Approved Contracts with the State of Illinois and Directing the City Clerk to Complete and Execute a Certificate of Authority for State Contracts (Salt Purchase)

Recommendation:
Staff recommends approval of Resolution and Certificate of Authority as required by the Illinois Department of Central Management Services in order to participate in the state's consortium bidding of road salt for the 2026/2027 winter season.

Policy Consideration:
Historically, municipalities wishing to participate in the Illinois Department of Central Management Services (CMS) joint bid of road salt would provide a desired quantity for bid in late winter or early spring. These quantities are combined by region across the state and put out to bid. In late fall, CMS provides the results of the bidding, including awarded vendors and price per ton of salt for each municipality. Once received, this pricing and contract information is brought to City Council for formal approval.

Beginning in 2024, CMS is now requiring that each participating entity provide a Certificate of Authority which proves that the person requesting the desired quantity of road salt has been authorized by City Code or by the City Council via Resolution. The attached document "Certificate of Authority" was developed by corporation counsel and has been accepted by CMS. The required Resolution certifies that City Mayor Nancy Rotering, City Manager/City Clerk Ghida Neukirch, and Deputy City Clerk Ashley Palbitska are authorized to execute State Contracts that have otherwise been approved in accordance with the ordinances and procedures of the City of Highland Park and the laws of the State of Illinois.

Once formally approved, the City will be allowed to participate in the CMS road salt bid. All other aspects of our process will remain as they have in the past years. Once pricing is received for the road salt, the contract will be brought to City Council for approval, typically in October or November.

Core Priorities:

Fiscal Stability

Approval of this resolution allows the City to participate in a statewide bid for rock salt and recognize economies of scale cost savings.

Attachments:

1. Resolution - Auth Agent
2. Cert. of Auth.

CITY OF HIGHLAND PARK

RESOLUTION NO. _____

A RESOLUTION APPROVING CERTAIN CITY OFFICIALS AND OFFICERS TO EXECUTE APPROVED CONTRACTS WITH THE STATE OF ILLINOIS AND DIRECTING THE CITY CLERK TO COMPLETE AND EXECUTE A CERTIFICATE OF AUTHORITY FOR STATE CONTRACTS (SALT PURCHASE)

WHEREAS, the City is a home rule municipal corporation pursuant to Article VII, Section 6(a) of the Constitution of the State of Illinois of 1970; and

WHEREAS, Article VII, Section 10 of the 1970 Illinois Constitution authorizes the City to contract with individuals, associations, and corporations in any manner not prohibited by law or ordinance; and

WHEREAS, from time to time the City enters into agreements and contracts with the State of Illinois and its subsidiary agencies for the procurement of work, services, equipment, and supplies necessary to the business and affairs of the City (**"*State Contracts*"**); and

WHEREAS, participating in State Contracts reduces costs to the City, strengthens the City's buying power, increases efficiency, and provides access to vendors and services that the City may not otherwise have access to; and

WHEREAS, as a precondition of allowing the City to participate in State Contracts, the State of Illinois requires that the City designate and authorize certain officers or officials to execute State Contracts on behalf of the City; and

WHEREAS, the designation and authorization of these officers or officials must be evidenced by a **"*Certificate of Authority*"** approved by the City Council on a form provided by the State; and

WHEREAS, the City Council has determined that it would be in the best interest of the City and its residents to (i) designate and authorize the Mayor, the City Manager/City Clerk, and the Deputy City Clerk to execute State Contracts that have otherwise been approved in accordance with the ordinances and procedures of the City of Highland Park and the laws of the State of Illinois; and (ii) to authorize the City Clerk to complete the Certificate of Authority to reflect this designation and authorization; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: DESIGNATION AND AUTHORIZATION. The City Council hereby designates and authorizes City Mayor Nancy Rotering, City Manager/City Clerk Ghida Neukirch, and Deputy City Clerk Ashley Palbitska to execute State Contracts that have otherwise been

approved in accordance with the ordinances and procedures of the City of Highland Park and the laws of the State of Illinois.

SECTION THREE: CERTIFICATE OF AUTHORITY. The City Clerk is hereby authorized and directed to complete and execute the Certificate of Authority, in the form attached to this Resolution, to reflect the designation and authorization set forth in Section 2 of this Resolution.

SECTION FOUR: EFFECTIVE DATE. This Resolution will be in full force and effect upon its passage and approval by a majority of the members of the City Council.

ADOPTED

AYES:

ADOPTED:

RESOLUTION NO.

_____
Nancy R. Rotering, Mayor

ATTEST:

_____
Ghida S. Neukirch, City Clerk

CITY OF HIGHLAND PARK
CERTIFICATE OF AUTHORITY TO EXECUTE CERTAIN CONTRACTS WITH THE STATE OF ILLINOIS

I, GHIDA NEUKIRCH, **HEREBY CERTIFY** that I am the duly appointed Clerk of the City of Highland Park, an Illinois home rule municipal corporation ("***Governmental Unit***"). I hereby certify that the attached is a true copy of Resolution No. _____, adopted at a meeting of the City Council of the City of Highland Park, duly called and held on March 30, 2026 at which a quorum of the members of the City Council were present and voting.

> **Voted:** That City Mayor Nancy R. Rotering, City Manager/City Clerk Ghida Neukirch, and Deputy City Clerk Ashley Palbitska are duly authorized to enter into contracts, to include joint participation agreements, on behalf of the City of Highland Park with the State of Illinois and any of its agencies or departments ("***State Contracts***") which have been otherwise duly approved in accordance with the ordinances and procedures of the City of Highland Park and the laws of the State of Illinois and further are authorized to execute any documents which may in their judgment be desirable or necessary to affect the purpose of this vote.

I HEREBY CERTIFY that said vote has not been amended or repealed and remains in full force and effect as of the State Contract to which this certificate is attached. I further certify that it is understood that the State of Illinois will rely on this certificate as evidence that the person(s) listed above currently occupy the position(s) indicated and that they have full authority to bind the City of Highland Park. To the extent that there are any limits on the authority of any listed individual to bind the Governmental Unit in contracts with the State of Illinois, all such limitations are expressly stated in Resolution No. _____,

Dated: _____, 2026 _____

Ghida Neukirch, City Clerk

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Don Jensen, Water Plant Superintendent
Marianne Evangelista, Lead Water Plant Operator

Department: Public Works Department

Title: A Resolution Approving Change Order No. 2 to the Agreement for the Finished Water Meter Improvements Services with Joseph J. Henderson & Son, Inc.

Recommendation:
Staff recommends approval of Change Order No. 2 to the Agreement for Finished Water Meter Improvements Services with Joseph J. Henderson & Son, Inc. of Gurnee, Illinois, for a not-to-exceed amount of $352,420.43 for costs associated with the replacement of the 20-inch and 24-inch valves, which includes 20% contingency for any unforeseen issues that may arise during this project. The valve replacement is needed in order to proceed with the Finished Water Meter Improvements Project at the Water Treatment Plant.

Policy Consideration:
On July 14, 2025, the Finished Water Meter Improvements (West Meter Room) Contract was awarded by City Council, in the bid amount of $1,213,720 to Joseph J. Henderson & Son, Inc. of Gurnee, Illinois, the lowest responsible bidder. The total awarded cost of $1,335,092, included a 10% contingency for any unforeseen issues that may arise during this project.

The work commenced in October 2025. During the course of the initial work on this improvement, the original 1929 pipe penetration through the wall was found to have significant leaks. With guidance and oversight from the engineering design firm Greeley and Hansen, JJ Henderson was able to resolve the issue and make a permanent repair to fix the leak. The total cost for this repair work, identified as Change Order No.1, totaled $105,084.87. Contingency funds were sufficient to cover this expense.

Upon entering the two original valve vaults on the main water lines, it was found that the 98-year-old valves would no longer operate. Operable valves are necessary for installation and future maintenance of the new meters. After further consultation with Greeley and Hansen, and JJ Henderson, a plan was developed to replace both valves. The cost for the repair, identified as Change Order No.2, totals $293,683.69. Together, the additional work brings the total project cost to $1,612,488.56 for Joseph J. Henderson & Son, Inc. Staff requests an additional 20%

contingency to address any unforeseeable issues, bringing the total cost of the project, including both change orders and contingency, to $1,671,225.30.

The updated project schedule anticipates completion in August 2026. In conjunction with Public Works Water Production Division, Greeley and Hansen is providing construction inspection services for the project.

Pertinent documents are available for review at the Public Services Building, Department of Public Works, 1150 Half Day Road.

Core Priorities:

Fiscal Stability

Sufficient funds have been allocated in the Water Fund Capital Budget for this project.

Attachments:

1. HP Resolution Approving Change Order No. 2 (Joseph J Henderson Son Inc.)

City of Highland Park

Resolution No. _____

A Resolution Approving Change Order No. 2 to the Agreement for the Finished Water Meter Improvements Services with Joseph J. Henderson & Son, Inc.

WHEREAS, on July 14, 2025, the City and Joseph J. Henderson & Son. Inc. (***"Vendor"***) entered into an agreement (***"Agreement"***) for improvements to the finished water meter at the Water Plant (***"Project***"); and

WHEREAS, the City has identified the need for additional valve repairs at the Water Plant in relation to the Project (***"Valve Repair Services"***); and

WHEREAS, the City and Vendor desire to enter into Change Order No. 2 to the Agreement to for the provision of the Valve Repair Services (***"Change Order No. 2"***); and

WHEREAS, the City Council has determined that entering into Change Order No. 2 is in the best interest of the City of Highland Park and authorized by law;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: APPROVAL OF CHANGE ORDER NO. 2. Change Order No. 2 to the Agreement by and between the City and Baker Tilly is hereby approved in substantially the form attached to this Resolution as **Exhibit A**.

SECTION THREE: EXECUTION OF CHANGE ORDER NO. 2. The City Manager and the City Clerk are hereby authorized and directed to execute and attest, on behalf of the City, Change Order No. 2 upon receipt by the City Clerk of at least one original copy of Change Order No. 2 executed by Vendor; provided, however, that if the executed copy of Change Order No. 2 is not received by the City Clerk within 30 days after the effective date of this Resolution, then this authority to execute and attest will, at the option of the City Council, be null and void.

SECTION FOUR. CRIMINAL CODE COMPLIANCE. This Resolution constitutes the written determination required by Section 33E-9 of Article 33E of the Criminal Code of 2012, 720 ILCS 5/33E-9.

SECTION FIVE: EFFECTIVE DATE. This Resolution will be in full force and effect upon its passage and approval by a majority of the members of the City Council.

[SIGNATURE PAGE FOLLOWS]

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

RESOLUTION NO.

_____
Nancy R. Rotering, Mayor

ATTEST:

_____
Ghida Neukirch, City Clerk

EXHIBIT A
CHANGE ORDER NO. 2

CITY OF HIGHLAND PARK, ILLINOIS
GEORGE B. PRINDLE WATER PLANT

FINISHED WATER METER IMPROVEMENTS
WEST METER ROOM

CHANGE ORDER NO. 2

Owner:	City of Highland Park	Engineer:	Greeley and Hansen
Contractor:	Joseph J. Henderson & Son Inc.	Engineer's Project No.:	3035.0000220.002
Contract Name:	Finished Water Meter Imp., West Meter Room	Contractor's Project No.:	
Date Issued:	March 16, 2026	Effective Date of Change Order:	March 16, 2026

The Contract is modified as follows upon execution of this Change Order. Description:

The 20" and 24" valves on the water mains exiting the water plant are 100 years old, well beyond their useful lives, and have been discovered to no longer be operable. These valves are required for isolation purposes to install the new meters and would also be beneficial for future meter maintenance. This change order is to replace these valves with new butterfly valves and includes demolition of the existing gate valves, additional excavation, as well as furnishing and installing additional pipe, fittings, and appurtenances to accommodate the new valve installations. Also included are additional thrust blocks, backfilling, surface restoration, as well as other appurtenant work as described herein.

Attachments:

Attachment A – Change Order Proposal No. 2
Attachment B – Correspondence

Change in Contract Price	Change in Contract Times
Original Contract Price: $ $1,213,720.00	Original Contract Times: Ready for final payment: 280 days
Increase from previously approved Change Order No. 1: $ $105,084.87	Increase from previously approved Change Order No.1: Ready for final payment: 0 days
Contract Price prior to this Change Order: $ $1,318,804.87	Contract Times prior to this Change Order: Ready for final payment: 280 days
Increase this Change Order: $ $293,683.69	Increase this Change Order: Ready for final payment: 123 days
Contract Price incorporating this Change Order: $ $1,612,488.56	Contract Times with all approved Change Orders: Ready for final payment: 403 days (8/10/26 completion)

EJCDC® C-941, Change Order EJCDC® C-941, Change Order, Rev.1.
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	Authorized by Owner	Accepted by Contractor
By:		
Title:		PRESIDENT
Date:		3-16-2026

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Attachment A

Change Order Proposal No. 2 (COP 2)

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JOSEPH J. HENDERSON & SON, INC.
GENERAL CONTRACTOR
ESTABLISHED 1928

4288 Old Grand Avenue
Gurnee, IL 60031
PH: 847-244-3222
FX: 847-244-2490

March 13, 2026

Mr. Don Jensen
City of Highland Park
George Prindel Water Plant

Re: Highland Park, Prindle WTP, Finished Water Meter Improvements- Change Order proposal, remove existing and replace (1) 20" & (1) 24" inoperable gate valves and associated pipe and fittings.

We propose to furnish all materials, equipment, supervision and labor to complete the following request for change order scope of work:

WEST 20" WATER SERVICE MAIN:

- Remove (3) existing valves currently located in existing valve vault. These valves are inoperable and will be replaced by one new 20" 150# AWWA Butterfly valve and associated pipe and fittings.
- We assume that the city will isolate the section of piping and valves as required to allow for the removal and replacement of valves and piping per the attached proposal sketch.
- This proposal assumes not more than 500 lineal feet of 20" water main would be drained to allow for removal and installation of new valve and piping.
- Additional excavation for both lines will be required as a portion of the work is outside our existing ERS. Breakdown is included in attachment.
- Furnish and install the following:
    - (1) 20" 150# AWWA Butterfly Valve with stem in the horizontal position. Valve to be hand wheel operated without the use of chain operators.
    - (1) 20" 150# Smith Blair 975 flange adaptor dismantling joint with SS hardware.
    - (1) 20" 125# DIP FLG x PE pipe spool x approximately 8'-6" OAL.
    - (1) 20" DIP MJ X WC X FLG wall pipe 12" OAL, with tapped bolt holes each end.
    - (1) 20" x 20' length of TJ class 52 pipe.
    - (1) 30" Smith Blair 413 to fit 32.00" DIP x 32.74" CI pipe OD.
    - (1) 30" PE X PE DI pipe 4'-0" OAL.
    - (1) 20" MJ 45 C153.
    - (1) 30 x 20 MJ Reducer.
    - (4) 20" EBBA MEGALUG MJ DI 1130 RESTRAINT FOR DIP.
    - (1) 30" EBBA MEGALUG MJ DI 1130 RESTRAINT FOR DIP.
    - (1) 30" 150# NB&G SET WITH SS HARDWARE & TORSEAL GASKET.
    - (4) 20" 150# NB&G SET WITH SS HARDWARE & TORSEAL GASKET.
    - 30' – 67X300 POLYWRAP BLACK 8 MIL (UG DIP).
    - (2) 20" DIP pipe supports with floor plates and anchors

JOSEPH J. HENDERSON & SON, INC.
GENERAL CONTRACTOR
ESTABLISHED 1928

4288 Old Grand Avenue
Gurnee, IL 60031
PH: 847-244-3222
FX: 847-244-2490

EAST 24" WATER SERVICE MAIN:

- Remove (1) existing valve currently located in existing valve vault. This valve is inoperable and will be replaced by one new 24" 150# AWWA Butterfly valve and associated pipe and fittings.
- We assume that the city will isolate the section of piping and valves as required to allow for the removal and replacement of valves and piping per the attached proposal sketch.
- This proposal assumes not more than 500 lineal feet of 24" water main would be drained to allow for removal and installation of new valve and piping.
- Additional excavation for both lines will be required as a portion of the work is outside our existing ERS. Breakdown is included in attachment.
- Since only 1 line is to be taken out of service at a time we will "Box Out" around this pipe in our concrete forms to allow it to remain in service until after the West line is completed, we will then concrete around the new pipe, closing the opening. Breakdown is included in attachment.
- Furnish and install the following:
    - (1) 24" 150# AWWA Butterfly valve with stem in the horizontal position. Valve to be hand wheel operated without the use of chain operators.
    - (1) 24" 150# Smith Blair 975 flange adaptor dismantling joint with SS hardware
    - (1) 24" 125# DIP FLG x PE pipe spool x approximately 8'-6" OAL
    - (1) 24" DIP MJ X WC X FLG wall pipe x 12" OAL, with tapped bolt holes each end
    - (1) 24" x 20' length of TJ class 52 pipe
    - (1) 24" Smith Blair 413 to fit 24.00" DIP x 26.5" CI pipe OD.
    - (1) 24" MJ 45 C153
    - (5) 24" EBBA MEGALUG MJ DI 1130 RESTRAINT FOR DIP
    - (3) 20" 150# NB&G SET WITH SS HARDWARE & TORSEAL GASKET
    - 30' – 54X300 POLYWRAP BLACK 8 MIL (UG DIP).
    - (2) 24" DIP pipe supports with floor plates and anchors.

Response to GH Comments of 3-6-2026:

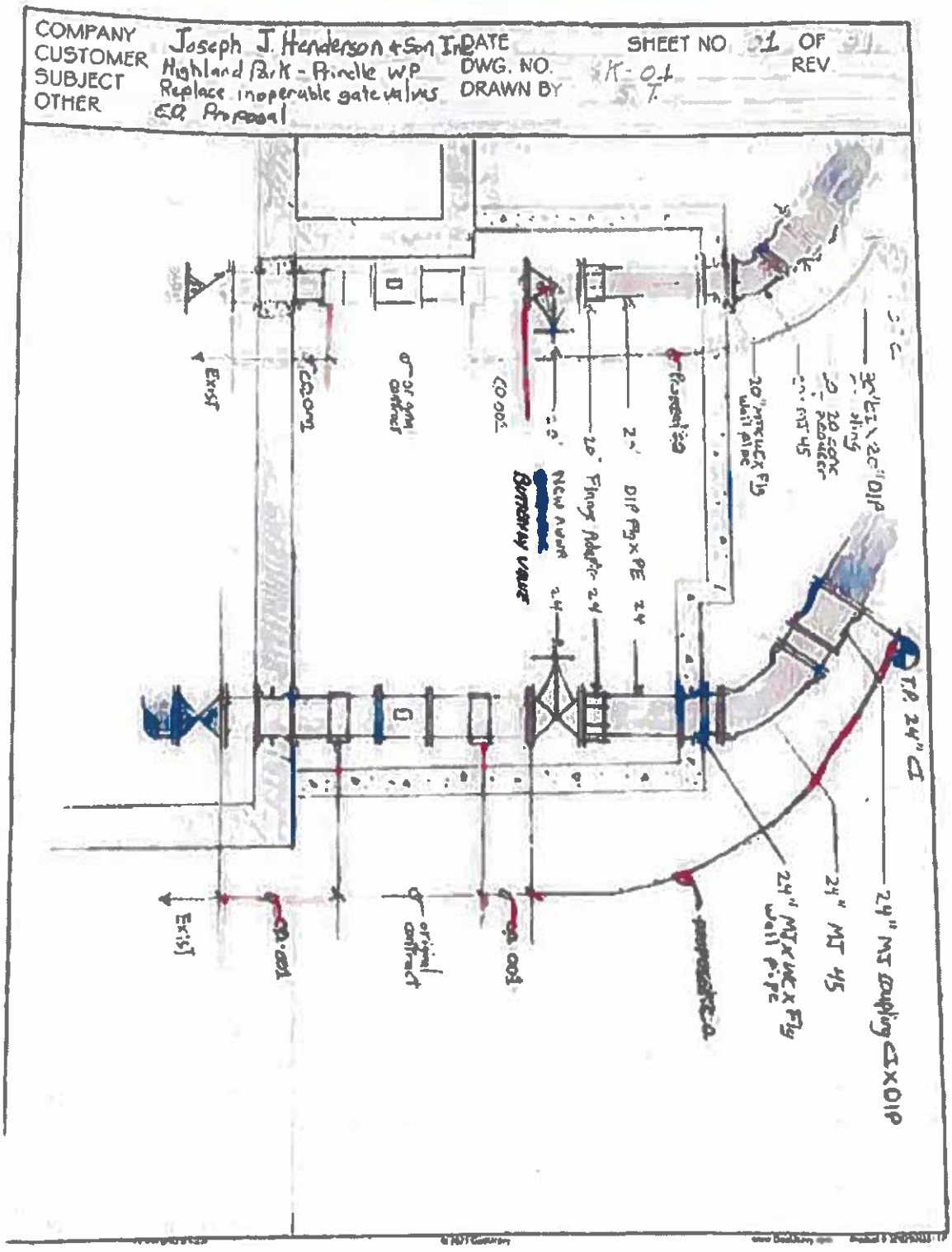
- The 30" DIP C153 fittings are rated for 250-psig
- The 20" and 24" DIP C153 fittings are rated for 350-psig
- Thrust Blocks are Included
- JJH will need to open up enough existing pipe in order to make these connections but not more than is required to connect effectively and restrained.
- All joints are restrained within the new piping system including the new wall pipes
- The wall pipe interior will be flanged end with tapped bolt holes
- All pipe hardware to be T304SS. All Threads to have anti seize compound
- Both 24" & 20" Pratt butterfly valves are AWWA C504, Class 150B and conform to NSF Standard 61
- 125 lb. standard flange bolt pattern with manual gear operators
- Credit for (3) Valve Boxes at top slab now broken out on PCO.

JOSEPH J. HENDERSON & SON, INC.
GENERAL CONTRACTOR
ESTABLISHED 1928

4288 Old Grand Avenue
Gurnee, IL 60031
PH: 847-244-3222
FX: 847-244-2490

Please note we had to add (2) months of rental for the existing Beams and Steel Sheets ERS system currently in place. The monthly rental invoice from National Trench Safety is included in the PCO backup sheets.

Respectfully submitted,
Steven Twiddy
Mechanical Division Manager & Senior Estimator
StevenT@jjhenderson.com
847-244-3222 office
815-601-0069 cell


COMPANY Joseph J. Henderson & Son Inc
CUSTOMER Highland Park - Pinelle WP
SUBJECT Replace inoperable gate valves
OTHER EO Proposal
DATE
DWG. NO. K-01
DRAWN BY S.T.
SHEET NO 01 OF 01
REV
Exist
Exist
original contract
New Valve
Existing Adapter
Boundary Valve
24" MJ coupling CI x DIP
24" MJ 45
24" MJ x MEX Fly wall pipe
T.P. 24" CI

Joseph J Henderson & Son, Inc.

Change Order Summary

Project No.	1448	Date	2/20/2026
Project Name	Finished Water Meter Improvements West Meter Room	Revision	3
Change Order Name	Replace Inoperable Valves and Associated Piping		
Potential CO No.	RFCOP 002		
Owner Change Order No.			

Description

Demolish existing valves and piping and provide (2) new Butterfly Valves and Associated piping per description letter & drawing attached.

Submittal or RFI Reference

Schedule Impact Yes ☑ No ☐

Change Order Type

Lump Sum ☑
Unit Price ☐
T&M ☐

Schedule Impact Description

Cost Summary

Subcontractor

Company	Description of Work	96657.2
Alliance Sawcutting	Sawcut Asphalt Pavement	$ 750.00
Glander Paving	Re-pave 80 SY of Road	$ 6,800.00
TOTAL		$ 7,550.00

Total Subcontractor Cost		**$7,550.00**
Markup on Subcontractors	**5%**	**$ 377.50**
JJH Direct Cost - See Attached Breakdown		**$ 248,483.64**
JJH Direct Cost Markup	**15%**	**$ 37,272.55**
Total Cost of Proposal		**$293,683.69**

Joseph J Henderson & Son, Inc.

Cost Breakdown

Change Order Name Valve Replacement for East & West Discharge Lines
Change Order No. RFCOP 002

Labor

Trade	Hrly Cost	Est. Hours	Total Cost
Pipefitter Supervision	$ 135.00	80.0	$ 10,800.00
Pipefitter	$ 132.00	652.0	$ 86,064.00
Carpenter to form Box Out & Re-Pour around East 24" Service Line	$ 130.00	21.0	$ 2,730.00
Equipment Operator for excavation & backfill North of existing ERS	$ 148.00	32.0	$ 4,736.00
Laborer for excavation & backfill North of existing ERS	$ 116.00	32.0	$ 3,712.00
Credit for not installing (3) Cast Iron Valve Box Tops	$ 130.00	(2.0)	$ (260.00)
			$ -
			$ -
			$ -

Total Labor Cost $ 107,782.00

Material

Description	Vendor	Qty	Unit Price	Ext Price	Other	Total Material
Pipe, Valves, Fittings, NBG' Per attached Core & Main Quote	Core & Main	1	$ 88,681.00	$ 88,681.00	$ -	$ 88,681.00
Rebar & Epoxy for Dowels	JJH	1	$ 405.00	$ 405.00	$ -	$ 405.00
Lumber	JJH	1	$ 50.00	$ 50.00	$ -	$ 50.00
Concrete	JJH	1	$ 230.00	$ 230.00	$ -	$ 230.00
CCDD Earth Haul Off - Per Load	Sunset Logitics	6	$ 360.00	$ 2,160.00	$ -	$ 2,160.00
CA-7 Material - Per Ton	Sunset Logitics	120	$ 32.00	$ 3,840.00	$ -	$ 3,840.00
CA-6 Material - Per Ton	Sunset Logitics	40	$ 26.00	$ 1,040.00	$ -	$ 1,040.00
Saddles & 1" Corporation Stops	Core & Main	2	$ 800.00	$ 1,600.00		$ 1,600.00

Total Material Cost $ 98,006.00

Equipment

Description	Qty	Hr/Day/Wk/Mo	Unit Cost	Total EQ
Vacuum Truck Incuding Dump Fees	2	Day	$ 4,500.00	$ 9,000.00
Excavator	32	Hours	$ 175.00	$ 5,600.00
Skid Steer	32	Hours	$ 115.00	$ 3,680.00
Mobilize Steel Plates	1	Lump Sum	$ 1,500.00	$ 1,500.00
Trench Box	1	Month	$ 3,500.00	$ 3,500.00
Move Equipment In & Out	4	trips	$ 750.00	$ 3,000.00
Dumpster	1	Box	$ 575.00	$ 575.00
Credit (3) Cast Iron Valve Box	3	Box	$ (86.82)	$ (260.46)
Crane	3	Day	$2,605.00	$7,815.00
Additional Rental of ERS Beams and Steel Plates (National Trench Safety Inv.)	2	Month	$4,143.05	$8,286.10

Total Equipment Cost $ 42,695.64

Total JJH Self Perform Cost $ 248,483.64

Bid Proposal for Prindle WTP - Highland Park IL Inoperable Valve Replace

JOSEPH J. HENDERSON & SON, INC
Job Location: Highland Park, IL
Bid Date: 02/19/2026
Core & Main Bid #: 4747648

Core & Main
3415 E. Ohio Avenue
St. Charles, IL 60174
Phone: 6306651800
Fax: 6306651887

Seq#	Qty	Description	Units	Price	Ext Price
10		WEST SERVICE MAIN			
~~20~~	~~1~~	~~20 AFG 2500 FLG RW GV DI 4HH NRS STEM W/304SS BOLT BONNET~~	~~EA~~	~~13,215.00~~	~~13,215.00~~
30		NO GEARING ON GATE VALVE			
40	1	20"FLG PRATT BFV WITH GEAR AND HANDWHEEL	EA	10,395.00	10,395.00
60	1	20"SMITH BLAIR 975 DISMANTLING JOINT WITH 304SS HARDWARE 975-20002000-031	EA	2,995.00	2,995.00
90	1	20 FLGXPE DI PIPE PR 8'6" PRIMED IMP	EA	4,545.00	4,545.00
100	1	20"TFLGXCKTMJ WALL PIPE 1'-0" TAPPED FOR STUDS,COLLAR CENTER CEMENT LINED,BITUMINOUS COAT	EA	4,625.00	4,625.00
130	20	20 TJ CLS2 DI PIPE	FT	149.60	2,992.00
140	1	30"SMITH BLAIR 413 COUPLING TO FIT 32.00" X 32.74" PIPE OD	EA	2,650.00	2,650.00
160		PIPE OD'S NEED TO BE VERIFIED			
170	1	30"PEXPE DI PIPE 4'-0" CEMENT LINED/BITUMINOUS COATED	EA	3,075.00	3,075.00
190	1	20 MJ 45 C153 USA	EA	1,960.00	1,960.00
200	1	30X20 MJ RED C153 USA	EA	4,505.00	4,505.00
210	4	20 EBAA MEGALUG MJ DI 1120 RST F/DI PIPE, BLACK	EA	525.00	2,100.00
220	4	20" MJ REGULAR GASKET DOMESTIC	EA	N/C	N/C
230	56	3/4X4-1/2 T-HEAD B&N 304SS	EA	N/C	N/C
240	1	30 EBAA MEGALUG MJ DI 1130 RST F/DI PIPE , BLACK	EA	1,625.00	1,625.00
250	1	30" MJ REGULAR GASKET F/DI	EA	N/C	N/C
260	20	1X6 304SS T-HEAD BOLT & NUT	EA	N/C	N/C
270	3	20 FLG FF TORUSEAL GASKET	EA	495.00	1,485.00
280	60	1-1/8XS HEX HEAD BOLT 304SS	EA	N/C	N/C
290	60	1-1/8 HEAVY HEX NUT 304SS	EA	N/C	N/C
300	300	67X300 POLYWRAP BLK 30 DIP 8MIL PERF 22' PER FOOT	FT	1.59	477.00
320		EAST SERVICE MAIN			
~~330~~	~~1~~	~~24"FLG 2500 MJ GATE VALVE~~	~~EA~~	~~30,955.00~~	~~30,955.00~~
		HANDWHEEL O/L			
350		NO GEARING ON GATE VALVE			
360	1	24"FLG PRATT BFV WITH GEAR AND HANDWHEEL	EA	14,425.00	14,425.00
380	1	24"SMITH BLAIR 975 DISMANTLING JOINT WITH 304SS HARDWARE 975-24002400-031	EA	3,850.00	3,850.00
410	1	24 FLGXPE DI PIPE PR 8'6" PRIMED IMP CEMENT LINED/T140-1211 PRIMER	EA	6,160.00	6,160.00
430	20	24 TJ CLS2 DI PIPE	FT	187.57	3,751.40
440	1	24"TMJXCXTFLG WALL PIPE 1'-0" TAPPED FOR STUDS,COLLAR CENTER	EA	5,970.00	5,970.00

Bid Proposal for Prindle WTP - Highland Park IL Inoperable Valve Replace

Bid #: 4747648

Seq#	Qty	Description	Units	Price	Ext Price
		CEMENT LINED,BITUMINOUS COATED			
470	1	24 MJ 45 C153 USA	EA	2,820.00	2,820.00
480	5	24 EBAA MEGALUG MJ DI 1124 RST F/DI PIPE, BLACK	EA	720.00	3,600.00
490	5	24" MJ REGULAR GASKET DOMESTIC	EA	N/C	N/C
500	80	3/4X5 304SS T-HEAD B&N	EA	N/C	N/C
510	1	24 MJ L/P SLV C153 USA	EA	2,365.00	2,365.00
520	3	24 FLG FF TORUSEAL GASKET	EA	680.00	2,040.00
530	60	1-1/4X5-1/2 HEX BOLT 304SS	EA	N/C	N/C
540	60	1-1/4 304SS HEAVY HEX NUT	EA	N/C	N/C
550	220	54X220 POLYWRAP BLK 20-24 DIP 8MIL PERF 22' PER FOOT	FT	1.23	270 60
				Sub Total	141,861.00
				Tax	0.00
				Total	**141,861.00**

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: https://coreandmain.com/terms-of-sale/

THIS BID MAY INCLUDE GLOBALLY SOURCED (IMPORTED) MATERIALS THAT ARE SUBJECT TO CHANGING TARIFFS. PRICES ARE SUBJECT TO CHANGE DUE TO POTENTIAL ADDITIONAL TARIFFS IMPOSED BY THE U.S. GOVERNMENT. IF IMPOSED, PRICES WILL INCREASE BY THE SAME PERCENTAGE AND WILL BE EFFECTIVE ON THE DATE THAT THE NEW TARIFFS ARE IMPLEMENTED. THESE ITEMS SHOULD BE PURCHASED WITH HASTE TO AVOID ANY ADDITIONAL RISING TARIFF COSTS.

141,861 — ORIGINAL MATERIAL COST
<22,225> 20" GV
<30,955> 24" GV

88,681 REVISED MATERIAL COST w/ B.V.

PROSELECT

PROSELECT® 16 x 9 in. Cast Iron Valve Box Top

Part #VBSTS16 | Item #526816

$86.82 each

Height:

16 in

Product Details

- 2 mm thickness
- Used for 4 in to 12 in valves
- 5-1/4 in Shaft
- Not traffic rated

Documents

Specification

Warranty

Specifications

ASTM Specifications	ASTM A 48 Grade 30B
AWWA Specifications	AWWA C-104
Coating	Asphaltic Varnish

View All Specifications

Recommended Accessories(3 items)



PROSELECT® 15 x 10 1/4 in. Cast Iron Valve Box Base

$79.78



PROSELECT® 10-1/4 x 24 in. Cast Iron Valve Box Bottom Section

$110.28



PROSELECT® 36 x 10-1/4 in. Cast Iron Valve Box Base

$173.63

NATIONAL TRENCH SAFETY

Chicago
160 N. Garden Ave.
Roselle IL 60172
United States

Dispatch Inquiry 630-832-8068
Billing Inquiry 888-833-3777

Invoice

Invoice Number: 1224536
Date: 2/4/2026

Joseph J Henderson & Son Inc
4288 Old Grand Ave
Gurnee IL 60031
United States

Project Name: Joseph J Henderson & Son Inc	Job#:
Ordered By: Tom Kegan	PO Number:
Phone: (630)638-0929	JS Contact: Tom Kegan
Job Site Location:	Job Site Phone: (630)638-0929
20 Park Ave Highland Park IL 60035	Office Phone: (847) 244-3222 Cust ID: N000018996

Sales Person: Dominique Davis DominiqueDavis@ntsafety.com
Delivery Instructions:
Deliver 11/25/25

Rental Contract Number: RC00765217 Contract Start Date: 12/1/2025

Status	Qty	Item Description and Rate	Days	From Date	Thru Date	Rate	Rate Ext
On Rent	1.00	14-109# x 32 ft Wide Flange Beam $46.67/Day $93.34/Week $280.02/4 Week 1 DAYS MIN	28	1/20/2026	2/16/2026	$280.02	$280.02
On Rent	7.00	8x12x1" Steel Plate Regular $38.00/Day $76.00/Week $228.00/4 Week 1 DAYS MIN	28	1/20/2026	2/16/2026	$228.00	$1,596.00
On Rent	1.00	14-109# x 32 ft Wide Flange Beam $46.67/Day $93.34/Week $280.02/4 Week 1 DAYS MIN	28	1/20/2026	2/16/2026	$280.02	$280.02
On Rent	6.00	14-109# x 34 ft Wide Flange Beam $46.67/Day $93.34/Week $280.02/4 Week 1 DAYS MIN	28	1/20/2026	2/16/2026	$280.02	$1,680.12

This invoice is subject to additional terms and conditions set forth located at https://www.ntsafety.com/wp-content/uploads/2024/02/NTS-TC-2-7-24.pdf. The customer agrees to grant NTS a security interest to secure monies due hereunder and authorizes NTS to file a UCC-1 financing statement with the appropriate filing offices to perfect such security interests. Terms Accounts are due and payable net 30 days from invoice date.

Please Remit Payment to:
National Trench Safety
P.O.Box 51373
Los Angeles, CA 90051-5673

Rental:	$3,836.16
Waiver:	$0.00
Discount	$0.00
Sales Tax:	$306.89
Other:	$0.00
Total Amount:	$4,143.05

Attachment B

Correspondence

EJCDC® C-941, Change Order EJCDC® C-941, Change Order, Rev.1.
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Ted Bluver

From: Henderson, David A. <DaveH@jjhenderson.com>
Sent: Thursday, March 12, 2026 6:02 PM
To: Ted Bluver
Subject: HP Water Meter Improvements PCO #2 Revised per GH comments of 3-6-2026

Ted,
Here is our response below, I consider this a no cost issue, C&M thinks it will be a slight increase but negligible.
Our priority is to get the materials ordered and get this project complete.
If you need any more information please let me know.
Also, did the City of H P ever determine if the valves on these 2 lines can be closed at the top of the hill to isolate them? City will accomplish this separately. If valves don't work, City will resolve.

Thank you,

David Henderson
President
Joseph J.Henderson & Son Ic.
General Contractor/Design Builder
847-244-3222

From: Twiddy, Steven <StevenT@jjhenderson.com>
Sent: Thursday, March 12, 2026 4:43 PM
To: Henderson, David A. <DaveH@jjhenderson.com>
Subject: HP Water Meter Improvements PCO #2 Revised per GH comments of 3-6-2026

David:
In response to the Engineers review statements:

1. Both 24" and 30" transition adapter couplings from DIP to CIP are self-restrained. The new submittal forthcoming will show this. No additional Megalugs required for these coupling adapters.
2. The original submittal package and pricing included a dismantling joint in lieu of the required self-restrained flange adapter required. These submittals will be changed to the restrained flange adapter and remove the dismantling joint. No Megaflange required at these flange adapters as they are self-restrained. Cost difference should be less than $1,000.00.

Sincerely,

Steven Twiddy

Mechanical Div. Manager/ Senior Estimator

Joseph J. Henderson & Son Inc.

4288 Old Grand Avenue

Gurnee, IL 60031

O: 847-244-3222

C: 815-601-0069

Ted Bluver

From: Henderson, David A. <DaveH@jjhenderson.com>
Sent: Thursday, March 12, 2026 4:18 PM
To: Ted Bluver
Subject: RE: HP Water Meter Improvements PCO #2 Revised per GH comments of 3-6-2026

Hi Ted, I'm waiting on Core Main (they promised me a reply today),
We verified that we have (1) 20" & (1) 24" flanged dismantling joints in the quote. These should have been flange adapters for plain end pipe with restraints, These will be changed to the self-restrained flange adapters. Secondly, we discussed with Core Main the requirements for the CI x DI adapter coupling. This will also be a self-restrained coupling with restraints at both ends. I don't think its much of a change but they wanted to run it thru and price it just in case. I'm pushing to get it to you soon.

David Henderson
President
Joseph J.Henderson & Son Ic.
General Contractor/Design Builder
847-244-3222

From: Ted Bluver <ted.bluver@tylin.com>
Sent: Thursday, March 12, 2026 3:37 PM
To: Henderson, David A. <DaveH@jjhenderson.com>
Subject: RE: HP Water Meter Improvements PCO #2 Revised per GH comments of 3-6-2026

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

FYI just following up because we were hoping to get this on the agenda for the next city council mtg. The sooner we get it the better, preferably tomorrow or early next week.

Ted R. Bluver, PE
CIVIL ENGINEER & ASSOCIATE
T +1 312.578.2412
ted.bluver@tylin.com
TYLin
200 South Wacker Drive
Suite 1400
Chicago, IL 60606, United States

From: Ted Bluver
Sent: Thursday, March 12, 2026 3:30 PM
To: 'Henderson, David A.' <DaveH@jjhenderson.com>
Cc: djensen <djensen@cityhpil.com>; mevangelista <mevangelista@cityhpil.com>
Subject: RE: HP Water Meter Improvements PCO #2 Revised per GH comments of 3-6-2026

Hello Dave,

Just wanted to follow-up on our final change order questions below / attached.

Once addressed, we can move forward.

Thanks,

Ted R. Bluver, PE
CIVIL ENGINEER & ASSOCIATE
T +1 312.578.2412
ted.bluver@tylin.com
TYLin
200 South Wacker Drive
Suite 1400
Chicago, IL 60606, United States

From: Ted Bluver
Sent: Wednesday, March 11, 2026 8:09 AM
To: 'Henderson, David A.' <DaveH@jjhenderson.com>
Cc: djensen <djensen@cityhpil.com>; mevangelista <mevangelista@cityhpil.com>
Subject: RE: HP Water Meter Improvements PCO #2 Revised per GH comments of 3-6-2026

Thanks Dave. Just wanted to follow-up on our comments related to the number of megalugs and MJ gaskets. I'm counting those depicted in the attached, but the proposal has less. I presume I'm misunderstanding something. Can you clarify why I'm mistaken? Just trying to confirm the quantities.

Also, can you confirm that the flange adapters are of the restrained type as indicated in the attached?

If you don't need to change anything in the COP, responding back via email is fine.

Thanks again,

Ted R. Bluver, PE
CIVIL ENGINEER & ASSOCIATE
T +1 312.578.2412
ted.bluver@tylin.com
TYLin
200 South Wacker Drive
Suite 1400
Chicago, IL 60606, United States

From: Henderson, David A. <DaveH@jjhenderson.com>
Sent: Tuesday, March 10, 2026 5:38 PM
To: Ted Bluver <ted.bluver@tylin.com>
Cc: djensen <djensen@cityhpil.com>; mevangelista <mevangelista@cityhpil.com>
Subject: HP Water Meter Improvements PCO #2 Revised per GH comments of 3-6-2026

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Tony Ferrari, Facilities Supervisor
Joe O'Neill, Deputy Director of Public Works

Department: Public Works Department

Title: A Resolution Approving the Contract for The Art Center Tuckpointing Project to ALFA Chicago, Inc. of Chicago, Illinois through the Equalis Group Purchasing Cooperative.

Recommendation:
City staff recommends contract award for the Exterior Art Center Masonry and Tuck Pointing Repair Project through the Cooperative Council of Governments on behalf of the Equalis Group to joint purchase contract holder ALFA Chicago, Inc. of Chicago, Illinois (IFB #: COG-2131) for a total project cost of $55,300. This project was approved as part of the FY26 Public Works Department Capital Improvement Budget.

Policy Consideration:
Tuck-pointing is the process of repairing mortar joints in brick masonry. Over time, weather and environmental conditions cause the mortar between bricks to deteriorate, which can lead to water infiltration, structural weakening, and damage to interior building systems. Tuck-pointing restores the integrity of masonry structures, preventing further damage and extending the buildings' useful life. It is a critical component of ongoing building maintenance, particularly for structures exposed to the elements.

The proposed project will address exterior masonry maintenance needs at The Art Center to prevent further deterioration and water infiltration. The contractor will include repairs to cracks in the foundation concrete where necessary, grinding and smoothing visible wall cracks, patching exposed rebar locations, and spot tuck pointing. Work will also include pressure washing a designated brick wall surface on the northwest side of the building, applying a penetrating silane/siloxane masonry sealer to help prevent vegetative growth and moisture intrusion, and performing structural crack repairs using epoxy injection or gravity-fed methods as conditions require.

The City does not currently maintain a standing masonry repair contract for this type of work. Staff identified a competitively bid cooperative purchasing contract (IFB #COG-2131) available through the Equalis Group, administered by the Cooperative Council of Governments and

managed by the Gordian Group. The contractor's proposal provided for the work is $48,089.55. A contingency of 15% has been included to account for unforeseen conditions, for a total project cost of $55,300. ALFA Chicago, Inc. is a qualified vendor under this contract and has previously completed masonry work for the City, including the Salt Dome construction project and tuck pointing of City Hall. ALFA is currently in good standing with the City.

The Department of Public Works Operations Division, Facilities Section, will manage the project, with all work permitted and inspected by the City's Community Development Building Division. Work is anticipated to begin in 2026 and will be completed shortly thereafter. Contract documents are available for public review at the Public Services Building, Department of Public Works, 1150 Half Day Road.

Core Priorities:

Fiscal Stability

Sufficient funds have been allocated in the FY 2026 Public Works capital budget to support this maintenance project.

Attachments:

1. Resolution - Tuckpointing
2. ALFA - Tuckpointing Contract
3. Collateral-Equalis-Group-Gordian-Contract-Overview-Brochure

CITY OF HIGHLAND PARK

RESOLUTION NO. _____

A RESOLUTION APPROVING THE CONTRACT OF THE ART CENTER TUCKPOINTING PROJECT TO ALFA CHICAGO, INC. OF CHICAGO, ILLINOIS THROUGH THE EQUALIS GROUP PURCHASING COOPERATIVE.

WHEREAS, the Public Works Department has identified the need for tuck-pointing services at the Art Center (***"Tuck-pointing Services"***); and

WHEREAS, the City participates in the Equalis Group Purchasing Cooperative Program (***"EQUALIS"***), which permits local governments to purchase commodities through cooperative purchasing arrangements, resulting in significant savings for the City; and

WHEREAS, Equalis sought bids for the award of Contract No. #R10-1106A for the procurement of job order contracting, and construction procurement Services (***"Contract"***); and

WHEREAS, Equalis identified The Gordian Group, Inc., of Greenville, South Carolina (***"Gordian"***), as the low responsible bidder for the Contract; and

WHEREAS, Gordian provides immediate access to highly qualified, local contractors for maintenance and construction projects; and

WHEREAS, ALFA Chicago, Inc., of Chicago, Illinois (***"ALFA"***), is one of the local vendors for Gordian under contract IFB #: COG-2131 attached to this resolution; and

WHEREAS, the City now proposes to enter into contract with ALFA for tuck-pointing services, in accordance with the Contract, in the amount of $50,500 and

WHEREAS, the City Council has determined it will serve and be in the best interest of the City and its residents to procure tuck-pointing services from ALFA;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: APPROVAL OF PURCHASE. The City Council hereby approves the purchase of tuck-pointing services from ALFA, in the sum of $50,500, and in accordance with the Contract.

SECTION THREE: EXECUTION OF REQUIRED DOCUMENTATION. The City Manager and the Deputy City Clerk are hereby authorized and directed to execute and attest, on behalf of the City, the Contract and all documents necessary to complete the purchase authorized pursuant to Section Two of this Resolution.

SECTION FOUR: EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage and approval by a majority of the member of the City Council.

ADOPTED

AYES:

ADOPTED:

RESOLUTION NO.

Nancy R. Rotering, Mayor

ATTEST:

Ghida S. Neukirch, City Clerk

City of Highland Park
1150 Half Day Rd.
Highland Park, Illinois 60035
847.432.0807
cityhpil.com

Public Works Department

CONTRACT BETWEEN

City of Highland Park

and

ALFA Chicago, Inc.

for

ART CENTER TUCKPOINTING PROJECT

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In consideration of the mutual promises set forth below, the CITY OF HIGHLAND PARK, 1150 Half Day Road, Highland Park, Illinois, 60035, a municipal corporation ("***Owner***"), and **ALFA Chicago, Inc.**, of Chicago, Illinois ("***Contractor***"), make this Contract as of the **_____** day of **_____, 2026**, and hereby agree as follows:

ARTICLE I
THE WORK

1.1 Performance of the Work

Contractor shall, at its sole cost and expense, provide, perform, and complete all of the following, all of which is herein referred to as the "Work":

1. Labor, Equipment, Materials, and Supplies. Provide, perform, and complete, in the manner described and specified in this Contract, all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data, and other means and items necessary to accomplish the Project at the Work Site, both as defined in Attachment A, in accordance with the specifications attached hereto as Attachment B, the drawings identified in the list attached hereto as Attachment C, and the Special Project Requirements attached hereto as Attachment D.

2. Permits. Except as otherwise provided in Attachment A, procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith.

3. Bonds and Insurance. Procure and furnish all Bonds and all certificates and policies of insurance specified in this.

4. Taxes. Pay all applicable federal, state, and local taxes.

5. Miscellaneous. Do all other things required of Contractor by this Contract, including, without limitation, arranging for utility and other services needed for the work and for testing, including the installation of temporary utility lines, wiring, switches, fixtures, hoses, connections, and meters, and providing sufficient sanitary conveniences and shelters to accommodate all workers and all personnel of Owner engaged in the Work.

6. Quality. Provide, perform and complete all of the foregoing in a proper and workmanlike manner, consistent with the highest standards of professional and construction practices and in full compliance with, and as required by or pursuant to, this Contract, and with the greatest economy, efficiency, and expedition consistent therewith, with only new, undamaged and first quality equipment, materials, and supplies.

1.2 Commencement and Completion Dates

Contractor shall commence the Work not later than the "Commencement Date" set forth on Attachment A and shall diligently and continuously prosecute the Work at such a rate as will allow the Work to be fully provided, performed, and completed in full compliance with this Contract not later than the "Completion Date" set forth in Attachment A. The time of commencement, rate of progress, and time of completion are referred to in this Contract as the "Contract Time."

1.3 Required Submittals

A. Submittals Required. Contractor shall submit to Owner all documents, data, and information specifically required to be submitted by Contractor under this Contract and shall, in addition, submit to Owner all such drawings, specifications, descriptive information, and engineering documents, data, and information as may be required, or as may be requested by Owner, to show the details of the Work, including a complete description of all equipment, materials, and supplies to be provided under this

Contract ("***Required Submittals***"). Such details shall include, but shall not be limited to, design data, structural and operating features, principal dimensions, space required or provided, clearances required or provided, type and brand of finish, and all similar matters, for all components of the Work.

B. Number and Format. Contractor shall provide three complete sets for each Required Submittal. All Required Submittals, except drawings, shall be prepared on 8-1/2 inch by 11-inch paper. Two blue line prints and one sepia transparency of each drawing shall be provided. All prints of drawings shall be folded to 8-1/2 inches by 11 inches, or less. All drawings shall be clearly marked in the lower right-hand corner with the names of Owner and Contractor.

C. Time of Submission and Owner's Review. All Required Submittals shall be provided to Owner no later than the time, if any, specified in this Contract for their submission or, if no time for submission is specified, in sufficient time, in Owner's sole opinion, to permit Owner to review the same prior to the commencement of the part of the Work to which they relate and prior to the purchase of any equipment, materials, or supplies that they describe. Owner shall have the right to require such corrections as may be necessary to make such submittals conform to this Contract. All such submittals shall, after final processing and review with no exception noted by Owner, become a part of this Contract. No Work related to any submittal shall be performed by Contractor until Owner has completed review of such submittal with no exception noted. Owner's review and stamping of any Required Submittal shall be for the sole purpose of examining the general management, design, and details of the proposed Work, shall not relieve Contractor of the entire responsibility for the performance of the Work in full compliance with, and as required by or pursuant to this Contract, and shall not be regarded as any assumption of risk or liability by Owner.

D. Responsibility for Delay. Contractor shall be responsible for any delay in the Work due to delay in providing Required Submittals conforming to this Contract.

1.4 Review and Interpretation of Contract Provisions

Contractor represents and warrants that it has carefully reviewed this Contract, including all of its Attachments, and the drawings identified in Attachment C, all of which are by this reference incorporated into and made a part of this Contract. Contractor shall, at no increase in the Contract Price, provide workmanship, equipment, materials, and supplies that fully conform to this Contract. Whenever any equipment, materials or supplies are specified or described in this Contract by using the name or other identifying feature of a proprietary product or the name or other identifying feature of a particular manufacturer or vendor, the specific item mentioned shall be understood as establishing the type, function and quality desired. Other manufacturers' or vendors' products may be accepted, provided that the products proposed are equivalent in substance and function to those named as determined by Owner in its sole and absolute discretion.

Contractor shall promptly notify Owner of any discrepancy, error, omission, ambiguity, or conflict among any of the provisions of this Contract before proceeding with any Work affected thereby. If Contractor fails to give such notice to Owner, then the subsequent decision of Owner as to which provision of this Contract shall govern shall be final, and any corrective work required shall not entitle Contractor to any damages, to any compensation in excess of the Contract Price, or to any delay or extension of the Contract Time.

When the equipment, materials, or supplies furnished by Contractor cannot be installed as specified in this Contract, Contractor shall, without any increase in the Contract Price, make all modifications required to properly install the equipment, materials, or supplies. Any such modification shall be subject to the prior review and consent of Owner.

1.5 Conditions at the Work Site; Record Drawings

Contractor represents and warrants that it has had a sufficient opportunity to conduct a thorough investigation of the Work Site and the surrounding area and has completed such investigation to its satisfaction. Contractor shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time based upon conditions found at, or in the vicinity of, the Work Site. When information pertaining to subsurface, underground or other concealed conditions, soils analysis, borings, test pits, utility locations or conditions, buried structures, condition of existing structures, and other investigations is or has been provided by Owner, or is or has been otherwise made available to Contractor by Owner, such information is or has been provided or made available solely for the convenience of Contractor and is not part of this Contract. Owner assumes no responsibility whatever in respect to the sufficiency or accuracy of such information, and there is no guaranty or warranty, either expressed or implied, that the conditions indicated are representative of those existing throughout the Work or the Work Site, or that the conditions indicated are representative of those existing at any particular location, or that the conditions indicated may not change, or that unanticipated conditions may not be present.

Contractor shall be solely responsible for locating all existing underground installations by prospecting no later than two workdays prior to any scheduled excavation or trenching, whichever is earlier. Contractor shall check all dimensions, elevations, and quantities indicated in this Contract within the same time period as set forth above for prospecting underground installations. Contractor shall lay out the Work in accordance with this Contract and shall establish and maintain such locations, lines, and levels. Wherever pre-existing work is encountered, Contractor shall verify and be responsible for dimensions and location of such pre-existing work. Contractor shall notify Owner of any discrepancy between the dimensions, elevations, and quantities indicated in this Contract and the conditions of the Work Site or any other errors, omissions or discrepancies which Contract may discover during such inspections. Full instructions will be furnished by Owner should such error, omission, or discrepancy be discovered, and Contractor shall carry out such instructions as if originally specified and without any increase in Contract Price.

Before Final Acceptance of the Work, Contractor shall submit to Owner two sets of Drawings of Record, unless a greater number is specified elsewhere in this Contract, indicating al field deviations from Attachment B or the drawings identified in Attachment C.

1.6 Technical Ability to Perform

Contractor represents and warrants that it is sufficiently experienced and competent, and has the necessary capital, facilities, plant, organization, and staff, to provide, perform, and complete the Work in full compliance with, and as required by or pursuant to, this Contract.

1.7 Financial Ability to Perform

Contractor represents and warrants that it is financially solvent, and Contractor has the financial resources necessary to provide, perform, and complete the Work in full compliance with, and as required by or pursuant to, this Contract.

1.8 Time

Contractor represents and warrants that it is ready, willing, able and prepared to begin the Work on the Commencement Date and that the Contract Time is sufficient time to permit completion of the Work in full compliance with, and as required by or pursuant to, this Contract for the Contract Price, all with due regard to all natural and man-made conditions that may affect the Work or the Work Site and all difficulties, hindrances, and delays that may be incident to the Work. Specifically, and without limitation of the foregoing, Contractor acknowledges and agrees that Contractor shall be responsible for completion of all Work within the Contract Time, notwithstanding any strike or other work stoppage by employees of either Contractor or of Owner.

1.9 Safety at the Work Site

Contractor shall be solely and completely responsible for providing and maintaining safe conditions at the Work Site, including the safety of all persons and property during performance of the Work. This requirement shall apply continuously and shall not be limited to normal working hours. Contractor shall take all safety precautions as shall be necessary to comply with all applicable laws and to prevent injury to persons and damage to property.

Contractor shall conduct all of its operations without interruption or interference with vehicular and pedestrian traffic on public and private rights-of-way, unless it has obtained permits therefore from the proper authorities. If any public or private right-of-way shall be rendered unsafe by Contractor's operations, Contractor shall make such repairs or provide such temporary ways or guards as shall be acceptable to the proper authorities.

1.10 Cleanliness of the Work Site and Environs

Contractor shall keep the Work Site and adjacent areas clean at all times during performance of the Work and shall, upon completion of the Work, leave the Work Site and adjacent areas in a clean and orderly condition.

1.11 Damage to the Work, the Work Site, and Other Property

The Work and everything pertaining thereto shall be provided, performed, completed, and maintained at the sole risk and cost of Contractor from the Commencement Date until Final Payment. Contractor shall be fully responsible for the protection of all public and private property and all persons. Without limiting the foregoing, Contractor shall, at its own cost and expense, provide all permanent and temporary shoring, anchoring and bracing required by the nature of the Work in order to make all parts absolutely stable and rigid, even when such shoring, anchoring and bracing is not explicitly specified, and support and protect all buildings, bridges, roadways, conduits, wires, water pipes, gas pipes, sewers, pavements, curbs, sidewalks, fixtures and landscaping of all kinds and all other public or private property that may be encountered or endangered in providing, performing and completing the Work. Contractor shall have no claim against Owner because of any damage or loss to the Work or to Contractor's equipment, materials, or supplies from any cause whatsoever, including damage or loss due to simultaneous work by others. Contractor shall, promptly and without charge to Owner, repair or replace, to the satisfaction of Owner, any damage done to, and any loss suffered by, the Work and any damage done to, and any loss suffered by, the Work Site or other property as a result of the Work. Notwithstanding any other provision of this Contract, Contractor's obligations under this Section shall exist without regard to, and shall not be construed to be waived by, the availability or unavailability of any insurance, either of Owner or Contractor, to indemnify, hold harmless, or reimburse Contractor for the cost of any repair or replacement work required by this Section.

1.12 Subcontractors and Suppliers

A. Approval and Use of Subcontractors and Suppliers. Contractor shall perform the Work with its own personnel and under the management, supervision, and control of its own organization unless otherwise approved by Owner in writing. All subcontractors, suppliers, and subcontracts used by Contractor shall be acceptable to, and approved in advance by, Owner. Owner's approval of any subcontractor, supplier, and subcontract shall not relieve Contractor of full responsibility and liability for the provision, performance, and completion of the Work in full compliance with, and as required by or pursuant to, this Contract. All Work performed under any subcontract shall be subject to all of the provisions of this Contract in the same manner as if performed by employees of Contractor. Every reference in this Contract to "Contractor" shall be deemed also to refer to all subcontractors and suppliers of Contractor. Every subcontract shall include a provision binding the subcontractor or supplier to all provisions of this Contract.

B. Removal of Subcontractors and Suppliers. If any subcontractor or supplier fails to perform the part of the Work undertaken by it in a manner satisfactory to Owner, Contractor shall immediately upon notice from Owner terminate such subcontractor or supplier. Contractor shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such termination.

1.13 Simultaneous Work By Others

Owner shall have the right to perform or have performed such other work, as Owner may desire in, about, or near the Work Site during the performance of the Work by Contractor. Contractor shall make every reasonable effort to perform the Work in such manner as to enable both the Work and such other work to be completed without hindrance or interference from each other. Contractor shall afford Owner and other contractors reasonable opportunity for the execution of such other work and shall properly coordinate the Work with such other work.

1.14 Occupancy Prior to Final Payment

Owner shall have the right, at its election, to occupy, use, or place in service any part of the Work prior to Final Payment. Such occupancy, use, or placement in service shall be conducted in such manner as not to damage any of the Work or to unreasonably interfere with the progress of the Work. No such occupancy, use, or placement in service shall be construed as an acceptance of any of the Work or a release or satisfaction of Contractor's duty to insure and protect the Work, not shall it, unless conducted in an unreasonable manner, be considered as an interference with Contractor's provision, performance, or completion of the Work.

1.15 Owner's Right to Terminate or Suspend Work for Convenience

A. Termination or Suspension for Convenience. Owner shall have the right, for its convenience, to terminate or suspend the Work in whole or in part at any time by written notice to Contractor. Every such notice shall state the extent and effective date of such termination or suspension. On such effective date, Contractor shall, as and to the extent directed, stop Work under this Contract, cease all placement of further orders or subcontracts, terminate or suspend Work under existing orders and subcontracts, cancel any outstanding orders or subcontracts that may be cancelled, and take any action necessary to protect any property in its possession in which Owner has or may acquire any interest and to dispose of such property in such manner as may be directed by Owner.

B. Payment for Completed Work. In the event of any termination pursuant to Subsection 1.15A above, Owner shall pay Contractor (1) such direct costs, excluding overhead, as Contractor shall have paid or incurred for all Work done in compliance with, and as required by or pursuant to, this Contract up to the effective date of termination together with ten percent of such costs for overhead and profit; and (2) such other costs pertaining to the Work, exclusive of overhead and profit, as Contractor may have reasonably and necessarily incurred as the result of such termination. Any such payment shall be offset by any prior payment or payments and shall be subject to Owner's rights to withhold and deduct as provided in this Contract.

ARTICLE II
CHANGES AND DELAYS

2.1 Changes

Owner shall have the right, by written order executed by Owner, to make changes in the Contract, the Work, the Work Site, and the Contract Time ("***Change Order***"). If any Change Order causes an increase or decrease in the amount of the Work, an equitable adjustment in the Contract Price or Contract Time may be made. All claims by Contractor for an equitable adjustment in either the Contract Price or the Contract Time shall be made within two business days following receipt of such Change Order, and shall, if not made prior to such time, be conclusively deemed to have been waived. No decrease in the amount of the

Work caused by any Change Order shall entitle Contractor to make any claim for damages, anticipated profits, or other compensation.

2.2 Delays

A. Extensions for Unavoidable Delays. For any delay that may result from causes that could not be avoided or controlled by Contractor, Contractor shall, upon timely written application, be entitled to issuance of a Change Order providing for an extension of the Contract Time for a period of time equal to the delay resulting from such unavoidable cause. No extension of the Contract Time shall be allowed for any other delay in completion of the Work.

B. No Compensation for Delays. No payment, compensation, damages, or adjustment of any kind, other than the extension of the Contract Time provided in Subsection 2.2A above, shall be made to, or claimed by, Contractor because of hindrances or delays from any cause in the commencement, prosecution, or completion of the Work, whether caused by Owner or any other party and whether avoidable or unavoidable.

ARTICLE III

CONTRACTOR'S RESPONSIBILITY FOR DEFECTIVE WORK

3.1 Inspection; Testing; Correction of Defects

A. Inspection. Until Final Payment, all parts of the Work shall be subject to inspection and testing by Owner or its designated representatives. Contractor shall furnish, at its own expense, all reasonable access, assistance, and facilities required by Owner for such inspection and testing.

B. Re-Inspection. Re-inspection and re-testing of any Work may be ordered by Owner at any time, and, if so ordered, any covered or closed Work shall be uncovered or opened by Contractor. If the Work is found to be in full compliance with this Contract, then Owner shall pay the cost of uncovering, opening, re-inspecting, or re-testing, as the case may be. If such Work is not in full compliance with this Contract, then Contractor shall pay such cost.

C. Correction. Until Final Payment, Contractor shall, promptly and without charge, repair, correct, or replace all or any part of the Work that is defective, damaged, flawed, or unsuitable or that in any way fails to conform strictly to the requirements of this Contract.

3.2 Warranty of Work

A. Scope of Warranty. Contractor warrants that the Work and all of its components shall be free from defects and flaws in design, workmanship, and materials; shall strictly conform to the requirements of this Contract; and shall be fit, sufficient, and suitable for the purposes expressed in, or reasonably inferred from, this Contract. The warranty herein expressed shall be in addition to any other warranties expressed in this Contract, or expressed or implied by law, which are hereby reserved unto Owner.

B. Repairs; Extension of Warranty. Contractor shall, promptly and without charge, correct any failure to fulfill the above warranty that may be discovered or develop at any time within one year after Final Payment or such longer period as may be prescribed in Attachment B or Attachment D to this Contract or by law. The above warranty shall be extended automatically to cover all repaired and replacement parts and labor provided or performed under such warranty and Contractor's obligation to correct Work shall be extended for a period of one year from the date of such repair or replacement. The time period established in this Subsection 3.2B relates only to the specific obligation of Contractor to correct Work and shall not be construed to establish a period of limitation with respect to other obligations that Contractor has under this Contract.

C. Subcontractor and Supplier Warranties. Whenever Attachment B or Attachment D requires a subcontractor or supplier to provide a guaranty or warranty, Contractor shall be solely responsible

for obtaining said guaranty or warranty in form satisfactory to Owner and assigning said warranty or guaranty to Owner. Acceptance of any assigned warranties or guaranties by Owner shall be a precondition to Final Payment and shall not relieve Contractor of any of its guaranty or warranty obligations under this Contract.

3.3 Owner's Right to Correct

If, within two business days after Owner gives Contractor notice of any defect, damage, flaw, unsuitability, nonconformity, or failure to meet warranty subject to correction by Contractor pursuant to Section 3.1 or Section 3.2 of this Contract, Contractor neglects to make, or undertake with due diligence to make, the necessary corrections, then Owner shall be entitled to make, either with its own forces or with contract forces, the corrections and to recover from Contractor all resulting costs, expenses, losses, or damages, including attorneys' fees and administrative expenses.

ARTICLE IV
FINANCIAL ASSURANCES

4.1 Bonds

Contemporaneous with Contractor's execution of this Contract, Contractor shall provide a Performance Bond and a Labor and Material Payment Bond, on forms provided by, or otherwise acceptable to, Owner, from a surety company licensed to do business in the State of Illinois with a general rating of A minus and a financial size category of Class X or better in Best's Insurance Guide, each in the penal sum of the Contract Price ("***Bonds***"). Contractor shall, at all times while providing, performing, or completing the Work, including, without limitation, at all times while correcting any failure to meet warranty pursuant to Section 3.2 of this Contract, maintain and keep in force, at Contractor's expense, the Bonds required hereunder.

4.2 Insurance

Contemporaneous with Contractor's execution of this Contract, Contractor shall provide certificates and policies of insurance evidencing the minimum insurance coverage and limits set forth in Attachment A. For good cause shown, Owner may extend the time for submission of the required policies of insurance upon such terms, and with such assurances of complete and prompt performance, as Owner may impose in the exercise of its sole discretion. Such policies shall be in a form, and from companies, acceptable to Owner. Such insurance shall provide that no change, modification in, or cancellation of any insurance shall become effective until the expiration of 30 days after written notice thereof shall have been given by the insurance company to Owner. Contractor shall, at all times while providing, performing, or completing the Work, including, without limitation, at all times while correcting any failure to meet warranty pursuant to Section 3.2 of this Contract, maintain and keep in force, at Contractor's expense, the minimum insurance coverage and limits set forth in Attachment A.

4.3 Indemnification

Contractor shall indemnify, save harmless, and defend Owner against any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses, including attorneys' fees and administrative expenses, that may arise, or be alleged to have arisen, out of or in connection with Contractor's performance of, or failure to perform, the Work or any part thereof, whether or not due or claimed to be due in whole or in part to the active, passive, or concurrent negligence or fault of Contractor, except to the extent caused by the sole negligence of Owner.

ARTICLE V
PAYMENT

5.1 Contract Price

Owner shall pay to Contractor, in accordance with and subject to the terms and conditions set forth in this Article V and Attachment A, and Contractor shall accept in full satisfaction for providing, performing, and completing the Work, the amount or amounts set forth in Attachment A ("***Contract Price***"), subject to any additions, deductions, or withholdings provided for in this Contract.

5.2 Taxes and Benefits

Owner is exempt from and shall not be responsible to pay, or reimburse Contractor for, any state or local sales, use, or excise taxes. The Contract Price includes all other applicable federal, state, and local taxes of every kind and nature applicable to the Work as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits. All claim or right to claim additional compensation by reason of the payment of any such tax, contribution, or premium is hereby waived and released by Contractor.

5.3 Progress Payments

A. Payment in Installments. The Contract Price shall be paid in monthly installments in the manner set forth in Attachment A ("***Progress Payments***").

B. Pay Requests. Contractor shall, as a condition precedent to its right to receive each Progress Payment, submit to Owner a pay request in the form provided by Owner ("***Pay Request***"). The first Pay Request shall be submitted not sooner than 60 days following commencement of work. Owner may, by written notice to Contractor, designate a specific day of each month on or before which Pay Requests must be submitted. Each Pay Request shall include (a) Contractor's certification of the value of, and partial or final waivers of lien covering, all Work for which payment is then requested and (b) Contractor's certification that all prior Progress Payments have been properly applied to the payment or reimbursement of the costs with respect to which they were paid.

C. Work Entire. This Contract and the Work are entire and the Work as a whole is of the essence of this Contract. Notwithstanding any other provision of this Contract, each and every part of this Contract and of the Work are interdependent and common to one another and to Owner's obligation to pay all or any part of the Contract Price or any other consideration for the Work. Any and all Progress Payments made pursuant to this Article are provided merely for the convenience of Contractor and for no other purpose.

5.4 Final Acceptance and Final Payment

A. Notice of Completion. When the Work has been completed and is ready in all respects for acceptance by Owner, Contractor shall notify Owner and request a final inspection ("***Notice of Completion***"). Contractor's Notice of Completion shall be given sufficiently in advance of the Completion Date to allow for scheduling of the final inspection and for completion or correction before the Completion Date of any items identified by such inspection as being defective, damaged, flawed, unsuitable, nonconforming, incomplete, or otherwise not in full compliance with, or as required by or pursuant to, this Contract ("***Punch List Work***").

B. Punch List and Final Acceptance. The Work shall be finally accepted when, and only when, the whole and all parts thereof shall have been completed to the satisfaction of Owner in full compliance with, and as required by or pursuant to, this Contract. Upon receipt of Contractor's Notice of Completion, Owner shall make a review of the Work and notify Contractor in writing of all Punch List Work, if any, to be completed or corrected. Following Contractor's completion or correction of all Punch List Work, Owner shall make another review of the Work and prepare and deliver to Contractor either a

written notice of additional Punch List Work to be completed or corrected or a written notice of final acceptance of the Work ("***Final Acceptance***").

C. Final Payment. As soon as practicable after Final Acceptance, but in no event later than 30 days after Final Acceptance, Contractor shall submit to Owner a properly completed final Pay Request in the form provided by Owner ("***Final Pay Request***"), which Final Pay Request shall include, without limitation: (i) all final waivers of lien, consistent with the requirements set forth in Section 5.5B of this Contract; and (ii) all final certified payrolls, as required pursuant to Section 7.11B of this Contract. Owner shall pay to Contractor the balance of the Contract Price, after deducting there from all charges against Contractor as provided for in this Contract ("***Final Payment***"). Final Payment shall be made not later than 60 days after Owner approves the Final Pay Request. The acceptance by Contractor of Final Payment shall operate as a full and complete release of Owner of and from any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses of, by, or to Contractor for anything done, furnished for, arising out of, relating to, or in connection with the Work or for or on account of any act or neglect of Owner arising out of, relating to, or in connection with the Work.

5.5 Liens

A. Title. Nothing in this Contract shall be construed as vesting in Contractor any right of property in any equipment, materials, supplies, and other items provided under this Contract after they have been installed in, incorporated into, attached to, or affixed to, the Work or the Work Site. All such equipment, materials, supplies, and other items shall, upon being so installed, incorporated, attached or affixed, become the property of Owner, but such title shall not release Contractor from its duty to insure and protect the Work in accordance with the requirements of this Contract.

B. Waivers of Lien. Contractor shall, from time to time at Owner's request and in any event prior to Final Payment, furnish to Owner such receipts, releases, affidavits, certificates, and other evidence as may be necessary to establish, to the reasonable satisfaction of Owner, that no lien against the Work or the public funds held by Owner exists in favor of any person whatsoever for or by reason of any equipment, material, supplies, or other item furnished, labor performed, or other thing done in connection with the Work or this Contract ("***Lien***") and that no right to file any Lien exists in favor of any person whatsoever.

C. Removal of Liens. If at any time any notice of any Lien is filed, then Contractor shall, promptly and without charge, discharge, remove, or otherwise dispose of such Lien. Until such discharge, removal, or disposition, Owner shall have the right to retain from any money payable hereunder an amount that Owner, in its sole judgment, deems necessary to satisfy such Lien and to pay the costs and expenses, including attorneys' fees and administrative expenses, of any actions brought in connection therewith or by reason thereof.

D. Protection of Owner Only. This Section shall not operate to relieve Contractor's surety or sureties from any of their obligations under the Bonds, nor shall it be deemed to vest any right, interest, or entitlement in any subcontractor or supplier. Owner's retention of funds pursuant to this Section shall be deemed solely for the protection of its own interests pending removal of such Liens by Contractor, and Owner shall have no obligation to apply such funds to such removal but may, nevertheless, do so where Owner's interests would thereby be served.

5.6 Deductions

A. Owner's Right to Withhold. Notwithstanding any other provision of this Contract and without prejudice to any of Owner's other rights or remedies, Owner shall have the right at any time or times, whether before or after approval of any Pay Request, to deduct and withhold from any Progress or Final Payment that may be or become due under this Contract such amount as may reasonably appear necessary to compensate Owner for any actual or prospective loss due to: (1) Work that is defective, damaged, flawed, unsuitable, nonconforming, or incomplete; (2) damage for which Contractor is liable under this Contract; (3) state or local sales, use, or excise taxes from which Owner is exempt; (4) Liens or

claims of Lien regardless of merit; (5) claims of subcontractors, suppliers, or other persons regardless of merit; (6) delay in the progress or completion of the Work; (7) inability of Contractor to complete the Work; (8) failure of Contractor to properly complete or document any Pay Request; (9) any other failure of Contractor to perform any of its obligations under this Contract; or (10) the cost to Owner, including attorneys' fees and administrative costs, of correcting any of the aforesaid matters or exercising any one or more of Owner's remedies set forth in Section 6.3 of this Contract.

B. Use of Withheld Funds. Owner shall be entitled to retain any and all amounts withheld pursuant to Subsection 5.6A above until Contractor shall have either performed the obligations in question or furnished security for such performance satisfactory to Owner. Owner shall be entitled to apply any money withheld or any other money due Contractor under this Contract to reimburse itself for any and all costs, expenses, losses, damages, liabilities, suits, judgments, awards, attorneys' fees and administrative expenses incurred, suffered, or sustained by Owner and chargeable to Contractor under this Contract.

ARTICLE VI
DISPUTES AND REMEDIES

6.1 Dispute Resolution Procedure

A. Notice of Disputes and Objections. If Contractor disputes or objects to any requirement, direction, instruction, interpretation, determination, or decision of Owner, Contractor may notify Owner in writing of its dispute or objection and of the amount of any equitable adjustment to the Contract Price or Contract Time to which Contractor claims it will be entitled as a result thereof; provided, however, that Contractor shall, nevertheless, proceed without delay to perform the Work as required, directed, instructed, interpreted, determined, or decided by Owner, without regard to such dispute or objection. Unless Contractor so notifies Owner within two business days after receipt of such requirement, direction, instruction, interpretation, determination, or decision, Contractor shall be conclusively deemed to have waived all such disputes or objections and all claims based thereon.

B. Negotiation of Disputes and Objections. To avoid and settle without litigation any such dispute or objection, Owner and Contractor agree to engage in good faith negotiations. Within three business days after Owner's receipt of Contractor's written notice of dispute or objection, a conference between Owner and Contractor shall be held to resolve the dispute. Within three business days after the end of the conference, Owner shall render its final decision, in writing, to Contractor. If Contractor objects to the final decision of Owner, then it shall, within three business days, give Owner notice thereof and, in such notice, shall state its final demand for settlement of the dispute. Unless Contractor so notifies Owner, Contractor shall be conclusively deemed (1) to have agreed to and accepted Owner's final decision and (2) to have waived all claims based on such final decision.

6.2 Contractor's Remedies

If Owner fails or refuses to satisfy a final demand made by Contractor pursuant to Section 6.1 of this Contract, or to otherwise resolve the dispute which is the subject of such demand to the satisfaction of Contractor, within ten days following receipt of such demand, then Contractor shall be entitled to pursue such remedies, not inconsistent with the provisions of this Contract, as it may have in law or equity.

6.3 Owner's Remedies

If it should appear at any time prior to Final Payment that Contractor has failed or refused to prosecute, or has delayed in the prosecution of, the Work with diligence at a rate that assures completion of the Work in full compliance with the requirements of this Contract on or before the Completion Date, or has attempted to assign this Contract or Contractor's rights under this Contract, either in whole or in part, or has falsely made any representation or warranty in this Contract, or has otherwise failed, refused, or delayed to perform or satisfy any other requirement of this Contract or has failed to pay its debts as they come due ("***Event of Default***"), and has failed to cure any such Event of Default within five business days

after Contractor's receipt of written notice of such Event of Default, then Owner shall have the right, at its election and without prejudice to any other remedies provided by law or equity, to pursue any one or more of the following remedies:

1. Owner may require Contractor, within such reasonable time as may be fixed by Owner, to complete or correct all or any part of the Work that is defective, damaged, flawed, unsuitable, nonconforming, or incomplete; to remove from the Work Site any such Work; to accelerate all or any part of the Work; and to take any or all other action necessary to bring Contractor and the Work into strict compliance with this Contract.

2. Owner may perform or have performed all Work necessary for the accomplishment of the results stated in Paragraph 1 above and withhold or recover from Contractor all the cost and expense, including attorneys' fees and administrative costs, incurred by Owner in connection therewith.

3. Owner may accept the defective, damaged, flawed, unsuitable, nonconforming, incomplete, or dilatory Work or part thereof and make an equitable reduction in the Contract Price.

4. Owner may terminate this Contract without liability for further payment of amounts due or to become due under this Contract.

5. Owner may, without terminating this Contract, terminate Contractor's rights under this Contract and, for the purpose of completing or correcting the Work, evict Contractor and take possession of all equipment, materials, supplies, tools, appliances, plans, specifications, schedules, manuals, drawings, and other papers relating to the Work, whether at the Work Site or elsewhere, and either complete or correct the Work with its own forces or contracted forces, all at Contractor's expense.

6. Upon any termination of this Contract or of Contractor's rights under this Contract, and at Owner's option exercised in writing, any or all subcontracts and supplier contracts of Contractor shall be deemed to be assigned to Owner without any further action being required, but Owner shall not thereby assume any obligation for payments due under such subcontracts and supplier contracts for any Work provided or performed prior to such assignment.

7. Owner may withhold from any Progress Payment or Final Payment, whether or not previously approved, or may recover from Contractor, any and all costs, including attorneys' fees and administrative expenses, incurred by Owner as the result of any Event of Default or as a result of actions taken by Owner in response to any Event of Default.

8. Owner may recover any damages suffered by Owner.

6.4 Owner's Special Remedy for Delay

If the Work is not completed by Contractor, in full compliance with, and as required by or pursuant to, this Contract, within the Contract Time as such time may be extended by Change Order, then Owner may invoke its remedies under Section 6.3 of this Contract or may, in the exercise of its sole and absolute discretion, permit Contractor to complete the Work but charge to Contractor, and deduct from any Progress or Final Payments, whether or not previously approved, administrative expenses and costs for each day completion of the Work is delayed beyond the Completion Date, computed on the basis of the "Per Diem Administrative Charge" set forth in Attachment A, as well as any additional damages caused by such delay.

6.5 Terminations and Suspensions Deemed for Convenience

Any termination or suspension of Contractor's rights under this Contract for an alleged default that is ultimately held unjustified shall automatically be deemed to be a termination or suspension for the convenience of Owner under Section 1.15 of this Contract.

ARTICLE VII
LEGAL RELATIONSHIPS AND REQUIREMENTS

7.1 Binding Effect

This Contract shall be binding upon Owner and Contractor and upon their respective heirs, executors, administrators, personal representatives, and permitted successors and assigns. Every reference in this Contract to a party shall also be deemed to be a reference to the authorized officers, employees, agents, and representatives of such party.

7.2 Relationship of the Parties

Contractor shall act as an independent contractor in providing and performing the Work. Nothing in, nor done pursuant to, this Contract shall be construed (1) to create the relationship of principal and agent, partners, or joint ventures between Owner and Contractor or (2) except as provided in Paragraph 6.3(6) above, to create any relationship between Owner and any subcontractor or supplier of Contractor.

7.3 No Collusion

Contractor hereby represents that the only persons, firms, or corporations interested in this Contract as principals are those disclosed to Owner prior to the execution of this Contract, and that this Contract is made without collusion with any other person, firm, or corporation. If at any time it shall be found that Contractor has, in procuring this Contract, colluded with any other person, firm, or corporation, then Contractor shall be liable to Owner for all loss or damage that Owner may suffer thereby, and this Contract shall, at Owner's option, be null and void.

7.4 Assignment

Contractor shall not (1) assign this Contract in whole or in part, (2) assign any of Contractor's rights or obligations under this Contract, or (3) assign any payment due or to become due under this Contract without the prior express written approval of Owner, which approval may be withheld in the sole and unfettered discretion of Owner; provided, however, that Owner's prior written approval shall not be required for assignments of accounts, as defined in the Illinois Commercial Code, if to do so would violate Section 9-318 of the Illinois Commercial Code, 810 ILCS 5/9-318. Owner may assign this Contract, in whole or in part, or any or all of its rights or obligations under this Contract, without the consent of Contractor.

7.5 Confidential Information

All information supplied by Owner to Contractor for or in connection with this Contract or the Work shall be held confidential by Contractor and shall not, without the prior express written consent of Owner, be used for any purpose other than performance of the Work.

7.6 No Waiver

No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by Owner, nor any order by Owner for the payment of money, nor any payment for, or use, occupancy, possession, or acceptance of, the whole or any part of the Work by Owner, nor any extension of time granted by Owner, nor any delay by Owner in exercising any right under this Contract, nor any other act or omission of Owner shall constitute or be deemed to be an acceptance of any defective, damaged, flawed, unsuitable, nonconforming or incomplete Work, equipment, materials, or supplies, nor operate to waive or otherwise diminish the effect of any warranty or representation made by Contractor; or of any requirement or provision of this Contract; or of any remedy, power, or right of Owner.

7.7 No Third Party Beneficiaries

No claim as a third party beneficiary under this Contract by any person, firm, or corporation other than Contractor shall be made, or be valid, against the Owner or the Contractor.

7.8 Notices

All notices required or permitted to be given under this Contract shall be in writing and shall be delivered (i) personally, (ii) by a reputable overnight courier or (iii) by certified mail, return receipt requested, and deposited in the U.S. mail, postage prepaid. Unless otherwise expressly provided in this Agreement, notices shall be deemed received upon the earlier of (a) actual receipt; (b) one business day after deposit with an overnight courier as evidenced by a receipt of deposit; or (c) three business days following deposit in the U.S. mail, as evidenced by a return receipt. By notice complying with the requirements of this Section, each party shall have the right to change the address or addressee, or both, for all future notices and communications to the other party but no notice of a change of address or addressee shall be effective until actually received. Notices and communications to the Owner shall be addressed to, and delivered at, the following address:

City of Highland Park
1150 Half Day Road
Highland Park, IL 60035
Attention: City Engineer

With a copy to: Elrod Friedman, LLP.
350 North Clark Street, Second Floor
Chicago, Illinois 60654
Attention: Steven M. Elrod, Corporation Counsel

Notices and communications to the Contractor shall be addressed to, and delivered at, the following address:

_____

_____

_____

_____

_____

7.9 Governing Laws

This Contract shall be governed by, construed, and enforced in accordance with the internal laws, but not the conflicts of laws rules, of the State of Illinois.

7.10 Changes in Laws

Unless otherwise provided in this Contract, any reference to existing law shall be deemed to include any modifications of, or amendments, to existing law that may occur in the future.

7.11 Compliance with Laws

A. Compliance with Laws. Contractor shall give all notices, pay all fees, and take all other action that may be necessary to ensure that the Work is provided, performed, and completed in accordance with all required governmental permits, licenses or other approvals and authorizations that may be required in connection with providing, performing, and completing the Work, and with all applicable statutes, ordinances, rules, and regulations, including without limitation the Prevailing Wage Act, 820 ILCS 130/0.01 et seq. (if the Illinois Department of Labor revises the prevailing rate of hourly wages to be paid, the revised rate shall apply to this Contract); any other prevailing wage laws; the Fair Labor Standards Act; any statutes regarding qualification to do business; any statutes requiring preference to laborers of specified classes including, without limitation, the Employment of Illinois Workers on Public Works Act, 30 ILCS 570/0.01 et seq.; the Illinois Steel Products Procurement Act, 30 ILCS 565/1 et seq.; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. §§ 12101 et seq., the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., and the Public Works Discrimination Act, 775 ILCS 10/1 et seq.; and any statutes regarding safety or the performance of the Work, including the Illinois Underground Utility Facilities Damage Prevention Act, and the Occupational Safety and Health Act. Contractor shall also comply with all conditions of any federal, state, or local grant received by Owner or Contractor with respect to this Contract or the Work. Further, Contractor shall have a written sexual harassment policy in compliance with Section 2-105 of the Illinois Human Rights Act.

B. Certified Payrolls. Contractor shall, in accordance with Section 5 of the Illinois Prevailing Wage Act, 820 ILCS 130/5, submit to Owner, on a monthly basis, a certified payroll. The certified payroll shall consist of a complete copy of those records required to be made and kept by the Prevailing Wage Act. The certified payroll shall be accompanied by a statement signed by Contractor or subcontractor which certifies that: (1) such records are true and accurate; (2) the hourly rate paid is not less than the general prevailing rate of hourly wages required by the Prevailing Wage Act; and (3) Contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class B misdemeanor. A general contractor may rely upon the certification of a lower tier subcontractor, provided that the general contractor does not knowingly rely upon a subcontractor's false certification. Upon two business days' notice, Contractor and each subcontractor shall make available for inspection the records required to be made and kept by the Act: (i) to Owner, its officers and agents, and to the Director of the Illinois Department of Labor and his or hers deputies and agents; and (ii) at all reasonable hours at a location within this State.

C. Liability for Noncompliance. Contractor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Contractor's, or its subcontractors' or suppliers', performance of, or failure to perform, the Work or any part thereof.

D. Required Provisions. Every provision of law required by law to be inserted into this Contract shall be deemed to be inserted herein.

7.12 Compliance with Patents

A. Assumption of Costs, Royalties, and Fees. Contractor shall pay or cause to be paid all costs, royalties, and fees arising from the use on, or the incorporation into, the Work, of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions.

B. Effect of Contractor Being Enjoined. Should Contractor be enjoined from furnishing or using any equipment, materials, supplies, tools, appliances, devices, processes, or inventions supplied or required to be supplied or used under this Contract, Contractor shall promptly offer substitute equipment, materials, supplies, tools, appliances, devices, processes, or inventions in lieu thereof, of equal efficiency, quality, suitability, and market value, for review by Owner. If Owner should disapprove the offered

substitutes and should elect, in lieu of a substitution, to have supplied, and to retain and use, any such equipment, materials, supplies, tools, appliances, devices, processes, or inventions as may by this Contract be required to be supplied, Contractor shall pay such royalties and secure such valid licenses as may be requisite and necessary for Owner to use such equipment, materials, supplies, tools, appliances, devices, processes, or inventions without being disturbed or in any way interfered with by any proceeding in law or equity on account thereof. Should Contractor neglect or refuse to make any approved substitution promptly, or to pay such royalties and secure such licenses as may be necessary, then Owner shall have the right to make such substitution, or Owner may pay such royalties and secure such licenses and charge the cost thereof against any money due Contractor from Owner or recover the amount thereof from Contractor and its surety or sureties notwithstanding that Final Payment may have been made.

7.13 Time of the Essence

Time is of the essence in the performance of all terms and provisions of this Contract Calendar Days and Time.

7.14 Calendar Days and Time

Unless otherwise provided in this Contract, any reference in this Contract to "day" or "days" shall mean calendar days and not business days. If the date for giving of any notice required to be given, or the performance of any obligation, under this Contract falls on a Saturday, Sunday, or federal holiday, then the notice or obligation may be given or performed on the next business day after that Saturday, Sunday, or federal holiday.

7.15 Severability

It is hereby expressed to be the intent of the parties to this Contract that should any provision, covenant, agreement, or portion of this Contract or its application to any Person or property be held invalid by a court of competent jurisdiction, the remaining provisions of this Contract and the validity, enforceability, and application to any Person or property shall not be impaired thereby, but the remaining provisions shall be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Contract to the greatest extent permitted by applicable law.

7.16 Entire Agreement

This Contract constitutes the entire agreement between the parties to this Contract concerning the work and supersedes all prior agreements and negotiations between the parties, whether written or oral relating to the subject matter of this Contract.

7.17 Amendments and Modifications

No amendment or modification to this Contract shall be effective until it is reduced to writing and approved and executed by the corporate authorities of the parties in accordance with all applicable statutory procedures.

7.18 Conflicts of Interest

Contractor represents and certifies that, to the best of its knowledge, (1) no elected or appointed official, employee or agent of Owner has a personal financial interest in the business of the Contractor or in this Contract, or has personally received payment or other consideration for this Contract; (2) as of the date of this Contract, neither Contractor nor any person employed or associated with Contractor has any interest that would conflict in any manner or degree with the performance of the obligations under this Contract; and (3) neither Contractor nor any person employed by or associated with Contractor shall at any time during the term of this Contract obtain or acquire any interest that would conflict in any manner or degree with the performance of the obligations under this Contract.

7.19 Contract Renewal [Reserved]

IN WITNESS WHEREOF, Owner and Contractor have caused this Contract to be executed in three original counterparts as of the day and year first written above.

ATTEST:

_____
Ashley Palbitska, Deputy City Clerk

CITY OF HIGHLAND PARK

_____
Ghida S. Neukirch, City Manager

ATTEST:

By: _____

Print Name: _____

Title: _____

ALFA CHICAGO, INC.:

By: _____
Executing Officer

Print Name: _____

Title: _____

#2149124_v3

STATE OF ILLINOIS)
) SS
COUNTY OF _____)

CONTRACTOR'S CERTIFICATION

_____ **EXECUTING OFFICER**, being first duly sworn on oath, deposes and states that all statements herein made are made on behalf of Contractor, that this deponent is authorized to make them, and that the statements contained herein are true and correct.

Contractor deposes, states, and certifies that Contractor is not barred from contracting with a unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Contractor is contesting, in accordance with the procedures established by the appropriate Revenue Act, its liability for the tax or the amount of tax, as set forth in 65 ILCS 5/11-42.1-1; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33E of the Criminal Code of 2012, 720 ILCS 5/33E-1 et seq.

DATED this _____ day of _____, 20___.

ATTEST: **ALFA CHICAGO INC.:**

By: _____ By: _____

Print Name: _____ Print Name: _____

Title: _____ Title: _____

Subscribed and sworn to before me this _____ day of _____, 20___

My Commission Expires: _____

_____ [SEAL]
Notary Public

ATTACHMENT A

SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS

1. **Project**:

   Tuckpointing services for the Art Center.

2. **Work Site**:

   1957 Sheridan Rd., Highland Park, IL

3. **Permits, Licenses, Approvals, and Authorizations**:

   Contractor shall obtain all required governmental permits, licenses, approvals, and authorizations, except:

   None

4. **Commencement Date**:

   Following the City's acceptance of this Contract/Proposal provided Bidder shall have furnished to the City all bonds and all insurance certificates specified in this Contract/Proposal

5. **Completion Date**:

   To be determined between the City and the vendor

6. **Invoicing**:

   Invoices must be submitted within sixty (60) days of completion of the Work. The City has no obligation to pay any invoices submitted after sixty (60) days of the completion of the invoiced Work.

7. **Insurance Coverage**:

   A. Worker's Compensation and Employer's Liability with limits not less than:
      (1) Worker's Compensation: Statutory;
      (2) Employer's Liability:
      $500,000 injury-per occurrence
      $500,000 disease-per employee
      $500,000 disease-policy limit

      Such insurance shall evidence that coverage applies in the State of Illinois Article 107.02.

   B. Comprehensive Motor Vehicle Liability with a combined single limit of liability for bodily injury and property damage of not less than **$1,000,000** for vehicles owned, non-owned, or rented.

      All employees shall be included as insured.

C. Comprehensive General Liability with coverage written on an "occurrence" basis and with limits no less than:

(1) General Aggregate: $2,000,000

(2) Bodily Injury: $500,000 per person
$1,000,000 per occurrence

(3) Property Damage: $1,000,000 per occurrence, and
$2,000,000 aggregate

(4) Other Coverage:
Coverages shall include:

- Premises/Operations
- Products/Completed Operations (to be maintained for two years following Final Payment)
- Independent Contractors
- Personal Injury (with Employment Exclusion deleted)
- Broad Form Property Damage Endorsement
- Blanket Contractual Liability (must expressly cover the indemnity provisions of the Contract)
- Bodily Injury and Property Damage

"X", "C", and "U" exclusions shall be deleted.

Railroad exclusions shall be deleted if Work Site is within 50 feet of any railroad track.

All employees shall be included as insured.

D. Umbrella Policy. The $2,000,000 required coverage may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.

E. Owner as Additional Insured. Owner shall be named as an Additional Insured on the required policies excluding worker's compensation.

8. **Contract Price**:

SCHEDULE OF PRICES (SEE ATTACHMENT C)

9. **Progress Payments**:

A. General. Owner shall pay to Contractor 90 percent of the Value of Work, determined in the manner set forth below, installed and complete in place up to the day before the Pay Request, less the aggregate of all previous Progress Payments, until 50 percent of contract Value of Work is completed. The total amount of Progress Payments made prior to Final Acceptance by Owner shall not exceed 95 percent of the Contract Price.

B. Value of Work. The Value of the Work shall be determined as follows (when applicable):

(1) Lump Sum Items. For all Work to be paid on a lump sum basis, Contractor shall, not later than 10 days after execution of the Contract and before submitting its first

Pay Request, submit to Owner a schedule showing the value of each component part of such Work in form and with substantiating data acceptable to Owner ("***Breakdown Schedule***"). The sum of the items listed in the Breakdown Schedule shall equal the amount or amounts set forth in the Schedule of Prices for Lump Sum Work. An unbalanced Breakdown Schedule providing for overpayment of Contractor on component parts of the Work to be performed first will not be accepted. The Breakdown Schedule shall be revised and resubmitted until acceptable to Owner. No payment shall be made for any lump sum item until Contractor has submitted, and Owner has approved, an acceptable Breakdown Schedule.

Owner may require that the approved Breakdown Schedule be revised based on developments occurring during the provision and performance of the Work. If Contractor fails to submit a revised Breakdown Schedule that is acceptable to Owner, Owner shall have the right either to suspend Progress and Final Payments for Lump Sum Work or to make such Payments based on Owner's determination of the value of the Work completed.

(2) Unit Price Items. For all Work to be paid on a unit price basis, the value of such Work shall be determined by Owner on the basis of the actual number of acceptable units of Unit Price Items installed and complete in place, multiplied by the applicable Unit Price set forth in the Schedule of Prices. The actual number of acceptable units installed and complete in place shall be measured on the basis described in Attachment B to the Contract or, in the absence of such description, on the basis determined by Owner. The number of units of Unit Price Items stated in the Schedule of Prices are Owner's estimate only and shall not be used in establishing the Progress or Final Payments due Contractor. The Contract Price shall be adjusted to reflect the actual number of acceptable units of Unit Price Items installed and complete in place upon Final Acceptance.

C. Application of Payments. All Progress and Final Payments made by Owner to Contractor shall be applied to the payment or reimbursement of the costs with respect to which they were paid and shall not be applied to or used for any pre-existing or unrelated debt between Contractor and Owner or between Contractor and any third party.

END OF SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS

ATTACHMENT B

SPECIAL PROVISIONS - GENERAL

1 - Forms of Special Provisions

Omissions of words or phrases such as "the contractor shall," "in conformance with," "shall be," "as noted on the plans," "according to the plans," "a," "the," and "all" are intentional, and the Contractor must supply omitted words or phrases by inference.

2 - Notice to Proceed

The Contractor shall proceed with the work and in the time set forth according to the conditions as outlined in the Invitation for Bids.

3 - Minor Work

Any minor work not specifically mentioned in the specifications or shown on the plans, but obviously necessary for proper completion of the work, shall be considered as being a part of and included in the contract, shall be executed in the proper manner and the Contractor shall not be entitled to extra or additional compensation for the same.

4 - Waste Sites

All waste material shall be hauled to a site of the Contractor's choice. Cost of disposal of same will be included in the contract cost and not paid by the City as a separate item.

5 - Working Days

Except for such work as may be required to properly maintain lights and barricades, no work will be permitted on Sunday, legal holidays, or weekdays between 7:00 p.m. and 7:00 a.m. On Saturdays, no work shall begin before 9:00 a.m. or continue after 5:00 p.m. without specific written permission of the Engineer.

If work outside of normal working day hours is necessary, payment at 1.5 times the salary and benefits of the City inspector shall be payable to the City. Reasonable delays due to weather or conditions beyond the control of the City or Contractor may not require payment.

6 - Codes and Standards

The "Standard Specifications for Road and Bridge Construction" prepared by the State of Illinois, Department of Transportation and adopted by said Department January 1, 2016, the Supplemental Specifications and Recurring Special Provisions adopted by said Department January 1, 2020 and the latest Standard Specifications for Traffic Control Items, prepared by said Department shall govern the construction of the proposed improvement insofar as applicable and except as modified herein; said specifications shall hereinafter be referred to as the "Standard Specifications." The following regulations or the latest revisions thereof are adopted by reference and the Contractor shall be responsible for conformance to same:

1. "Highland Park Building Code"
2. "Illinois Manual of Uniform Traffic Control Devices"

The following special provisions supplement these specifications, and in case of conflict, the special provisions shall take precedence and shall govern:

Division 1. Add the following articles to Section 101 of the State Standard Specifications –

Definition of Terms:

Art. 101.14 Department

The terms ", Council, City Council, Municipality" or other words used to describe the Awarding Authority in these documents and the Standard Specifications shall be interpreted to mean the City Council of the City of Highland Park.

Art. 101.39Roadway

Shall also include "Street, Parking Lots, Public Easements, Approaches," and shall be construed to mean the entire area defined in Art. 101.35.

7 - Water from the City of Highland Park

Water for construction purposes may be available from the City. The City's first preference is that the Contractor obtain water from the Public Works yard at 1150 Half Day Road. A water use permit must be taken out by the contractor without fee. If obtaining water from the Public Works yard is not practical then water from a City fire hydrant may be available. The City will dictate which hydrant may be used by the Contractor. A City meter is required to connect to a hydrant and a deposit is required prior to issuance of the meter. Upon completion of use of water the meter must be returned to the City in good condition. Meters damaged by the Contractor will be either repaired or replaced at the Contractor's expense.

8 - Access

The Contractor shall conduct his operation so that access to existing homes and businesses are maintained.

9 - Construction Schedule

Prior to commencing construction operations, the Contractor or his authorized representative shall meet with the Engineer of the City of Highland Park and present, in writing, his proposed construction schedule. Said schedule shall contain such information as the Engineer deems necessary, particularly in regard to location and date of starting construction, location of off-site disposal areas and access routes to be used, and when various phases of the work (including restoration) will be completed.

10 - Conduct of Construction Operations

Cooperation shall be extended by the Contractor to notify homeowners and businesses as to when direct vehicular access to their property will be curtailed and approximate length of time of such curtailment and directions where to park. Written notification will be given to all effected properties 48 hours prior to access curtailment. A sample letter shall be provided to the Engineer at the time of the pre-construction meeting.

Heavy construction vehicles will not be permitted to cross over curbs or use private driveways for turnarounds. Any damage to parkways, curbs, and driveways caused by the Contractor's operations will be repaired at his expense.

11 - Sanitary Facilities & Rubbish Control

The Contractor shall provide suitable toilet facilities at the job site in a location approved by the Engineer. The facility shall be approved by the City and shall be kept in a clean and sanitary condition. Sanitary Sewer manholes used for toilet facilities shall be cleaned and flushed upon removal of temporary toilet facilities.

During construction, the premises shall be kept clean of rubbish, paper and other debris. A suitable refuse container shall be provided in the vicinity of the parking area for disposal of lunch wrappings and garbage. The refuse contained shall be emptied regularly.

12 - Tree Trimming

All tree trimming, pruning and repair of wound surfaces shall be at the Contractor's expense and under the supervision of the City Forester. The Contractor shall provide proper tree guards to protect trees from

damage due to construction equipment and operations. The Contractor shall provide all labor and materials required, and the cost thereof shall be incidental to the contract. All dead trees within the right of way of the improvement shall be removed and shall be paid for at the contract unit price listed in the proposal.

13 - Construction Safety

The Contractor shall take all precautions necessary to protect the general public and his workmen from hazardous locations that might occur within the limits of the improvement. All trench openings and other construction openings extending below the pavement subgrade shall be fenced off with an adequately supported four-foot high snow fence at all times when actual construction is not in progress at the opening location.

The duty of the Engineer to inspect all work done and materials furnished and to suspend any work that is being improperly performed does not include review or approval of the adequacy of the contractor's safety measures, methods and bracing of excavated trenches in, on or near the construction site.

14 - Bracing and Sheeting

It shall be the contractor's responsibility to protect open cut trenches as may be required by state or federal law, as may be necessary to protect life, property, or the work. Trenches in the pavements or in close proximity to improved streets or roadways shall be sheeted or braced in a substantial and effective manner. Sheeting may be removed after backfilling has been completed to such elevation as to permit its safe removal. Sheeting and bracing left in place must be removed for a distance of three feet below the established street grade. The cost of furnishing, placing and removing sheeting and bracing shall be incidental to construction, and included in the contract unit price for the work being done.

15 - Potable Water Lines

Any work performed on a potable water supply **shall be done under the direction of a plumber licensed by the State of Illinois.** The contractor shall furnish the Engineer with the plumber's license number prior to starting any work on any potable water supply.

16 - Protection of Utilities

In excavating trenches and laying pipe, all existing utilities, including water pipes and services, sewer pipes and services, gas pipes and services, electric or telephone transmission pole lines, cable or conduits, shall be protected, supported, maintained in service and restored to the condition in which they were found, all at no extra remuneration. Where any utility facility, including service connections, is endangered or damaged by the work, the utility management shall be notified by the contractor, and the contractor shall cooperate with the utility and pay the cost of protection and repair, if damaged. The engineers have endeavored to locate subsurface obstructions from field surveys and available records, and known structures are shown on the plans or notice given of their presence. While the work was carefully done, the accuracy of the information cannot be guaranteed. Invert elevations of sanitary and storm sewers have been obtained from field surveys; where possible, elevations are shown on the plans. Wherever the contractor deems it necessary to determine the exact location of existing pipe, valve, or other underground structures, the contractor may make any examinations that he may determine desirable in advance of the work. No added compensation will be paid therefore.

END OF SPECIAL PROVISIONS – GENERAL

Highland Park Art Center Masonry

Detailed Scope of Work

Existing Conditions / Surface Preparation

-Power wash designated masonry brick wall surface on the northwest side of the building

-Apply penetrating silane/siloxane masonry sealer to cleaned walls to prevent future vegetative growth and water infiltration (Excludes protection throughout - only includes NW wall discussed at site walkthrough at approx. 400 SF)

Masonry Crack Repairs

-Grind down and smooth existing cracks at all visible corners and other observed wall locations

-Perform epoxy resin structural crack repairs in masonry by gravity-fed or injection methods as conditions dictate
-Perform epoxy resin crack repair for foundation concrete cracks where required

-Patch and repair designated exposed rebar locations

-Investigate and diagnose basement leak (Supplemental price for repair can be provided upon request)

General Notes

Scope is focused on general upkeep of the masonry envelope to prolong building service life and preserve appearance. Site preparation, protection, and disposal fees are included.

Exclusions:

-Concrete stair repair

-Protective sealant throughout

-Brick replacement

-Repointing

-Overtime, Holidays

-Basement leak repair

END OF SPECIAL PROVISIONS - DETAIL SPECIFICATIONS

Contractor Price Proposal Summaries - CSI

Date:	2/3/2026
Work Order #:	148299.00
Title:	City of Highland Park - Art Center Masonry Rehabilitation
Contractor:	Alfa Chicago Inc
Contractor Number:	COG-2131-GC1-D
Job Order Value:	$48,089.55

Proposal Name:	City of Highland Park - Art Center Masonry Rehabilitation
Proposal Value:	$48,089.55

To: Tony Ferrari
EQUALIS GROUP, ILLINOIS - City of Highland Park
1150 Half Day Road
Highland Park, IL 60035

From: Contractor Project Manager

CSI Section	LineTotal
01 - General Requirements	$11,436.79
03 - Concrete	$25,863.13
04 - Masonry	$9,240.45
07 - Thermal And Moisture Protection	$909.44
09 - Finishes	$639.74
Grand Total:	**$48,089.55**

This work order proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percent of NPP on this Proposal: 0.00

Contractor Price Proposal Details - CSI

Date: 2/3/2026

Work Order #: 148299.00

Title: City of Highland Park - Art Center Masonry Rehabilitation

Contractor: Alfa Chicago Inc

Contractor Number: COG-2131-GC1-D

Job Order Value: $48,089.55

Proposal Name: City of Highland Park - Art Center Masonry Rehabilitation

Proposal Value: $48,089.55

	CSI Number	Mod	UOM	Description	LineTotal
01 - General Requirements					
1	01 22 16 00-0002		EA	Reimbursable FeesReimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.	$1,635.19
				Qty Unit Price Factor Total	
				Installation 1,486.540 X $1.00 X 1.1000 $1,635.19	
				Contractor Notes: *Bond placeholder (3.2% of $46,454.36) line item per contract with Equalis* *Tentative bond as a rate of the contract value; subject to change based on final approval of complete proposal*	
2	01 22 20 00-0052		HR	Project Manager	$716.80
				Qty Unit Price Factor Total	
				Installation 4.000 X $160.00 X 1.1200 $716.80	
				Contractor Notes: *Water penetration investigation*	
3	01 54 23 00-0003		CCF	Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month)	$1,778.11
				Qty Unit Price Factor Total	
				Installation 40.000 X $39.69 X 1.1200 $1,778.11	
				Contractor Notes: *20' x 20' x 10' For power washing - Scaffold Rental*	
4	01 54 23 00-0003	0022	MOD	For >25 To 50, Add	$444.42
				Qty Unit Price Factor Total	
				Installation 40.000 X $9.92 X 1.1200 $444.42	
5	01 54 23 00-0008		CCF	>20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	$3,026.69
				Qty Unit Price Factor Total	
				Installation 40.000 X $67.56 X 1.1200 $3,026.69	
				Contractor Notes: *20' x 20' x 10' For power washing - Scaffold setup and takedown*	

	CSI Number	Mod	UOM	Description						LineTotal
01 - General Requirements										
6	01 56 26 00-0143		LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months						$2,626.40
					Qty		Unit Price	Factor	Total	
				Installation	250.000	X	$9.38	X 1.1200	$2,626.40	
				Contractor Notes:	*Temporary construction fence - not needed around full perimeter*					
7	01 56 26 00-0143	0069	MOD	For >100 To 250, Deduct						($64.40)
					Qty		Unit Price	Factor	Total	
				Installation	250.000	X	($0.23)	X 1.1200	($64.40)	
8	01 56 26 00-0158		BAG	Temporary Chain Link Fence Panels (Portable) SandbagIncludes placement and removal.						$584.91
					Qty		Unit Price	Factor	Total	
				Installation	64.000	X	$8.16	X 1.1200	$584.91	
				Contractor Notes:	*2 x 32 panels*					
9	01 74 19 00-0014		EA	20 CY Dumpster (3 Ton) "Construction Debris"Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.						$688.67
					Qty		Unit Price	Factor	Total	
				Installation	1.000	X	$614.88	X 1.1200	$688.67	
				Contractor Notes:	*1 Dumpster for misc debris; sized for maintenance-level work*					
								Subtotal for 01 - General Requirements:		**$11,436.79**
03 - Concrete										
10	03 01 30 71-0027		SF	Spall Concrete Repair, >1-1/2" To 3" Deep On Vertical/Overhead Surfaces						$5,285.41
					Qty		Unit Price	Factor	Total	
				Installation	24.000	X	$196.63	X 1.1200	$5,285.41	
				Contractor Notes:	*For areas of severe damage; 4 sf x 6 observed locations of broken or missing chunks, exposed rebar, etc*					
11	03 01 30 71-0027	0134	MOD	For Up To 100, Add						$3,610.25
					Qty		Unit Price	Factor	Total	
				Installation	24.000	X	$134.31	X 1.1200	$3,610.25	
12	03 01 30 71-0050		LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)						$1,013.60
					Qty		Unit Price	Factor	Total	
				Installation	100.000	X	$9.05	X 1.1200	$1,013.60	
				Contractor Notes:	*Light surface crack fill with trowel; "quick fix" areas of minor affliction*					
13	03 01 30 71-0050	0144	MOD	For V-Grooving Crack With Grinder, Add						$710.08
					Qty		Unit Price	Factor	Total	
				Installation	100.000	X	$6.34	X 1.1200	$710.08	

	CSI Number	Mod	UOM	Description	LineTotal
03 - Concrete					
14	03 64 23 00-0002		CF	Pressure Injected Epoxy Grout	$17,038.44
				Qty Unit Price Factor Total	
				Installation 11.000 X $1,382.99 X 1.1200 $17,038.44	
				Contractor Notes: *For est. 230 LF of 400 LF perimeter (230 LF × 4 ft = 920 SF) Conditions: (60% intact, 30% light fissure at 0.006 CF/SF, 10% moderate/branched at 0.034 CF/SF) = 4.79 CF. Add for: Corners + openings 0.72 CF cold-joint backbone 3.50 CF honeycomb pockets 2.00 CF =6.22 CF 6.22 CF + 4.79 CF = 11.01 CF*	
15	03 64 23 00-0002	0170	MOD	For >4, Deduct	($1,794.65)
				Qty Unit Price Factor Total	
				Installation 11.000 X ($145.67) X 1.1200 ($1,794.65)	
				Subtotal for 03 - Concrete:	**$25,863.13**
04 - Masonry					
16	04 01 20 51-0007		LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)	$7,112.45
				Qty Unit Price Factor Total	
				Installation 180.000 X $35.28 X 1.1200 $7,112.45	
				Contractor Notes: *Exterior corners: 8 x 6ft = 48 LF Window Jambs 12 x 5ft = 60 LF Window heads (Visible cracking at stone head/brick interface) 3 x 6ft = 18 LF Returns/Inside corners at recesses & jogs 6 x 4ft = 24 LF Vertical hairline fissures between openings 10 x 3ft = 30 LF 48+60+18+24+30 = 180 LF*	
17	04 01 20 51-0011		SF	Grind Smooth Masonry Wall	$2,128.00
				Qty Unit Price Factor Total	
				Installation 400.000 X $4.75 X 1.1200 $2,128.00	
				Contractor Notes: *Grinding down and smoothing cracks at visible wall and corner locations. 1/4 Perimeter x4' to cover ground level masonry (excludes any brick work)*	
				Subtotal for 04 - Masonry:	**$9,240.45**
07 - Thermal And Moisture Protection					
18	07 19 16 00-0006		SF	Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)40% silane, alcohol based.	$909.44
				Qty Unit Price Factor Total	
				Installation 400.000 X $2.03 X 1.1200 $909.44	
				Contractor Notes: *Masonry sealer over NW wall (400 SF, ~20'x20')*	

	CSI Number	Mod	UOM	Description					LineTotal
07 - Thermal And Moisture Protection									
				Subtotal for 07 - Thermal And Moisture Protection:					**$909.44**
09 - Finishes									
19	09 01 90 52-0005		SF	Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation					$521.47
					Qty	Unit Price	Factor	Total	
				Installation	480.000 X	$0.97 X	1.1200	$521.47	
				Contractor Notes:	*Masonry preparation over NW wall (400 SF, ~20x20) on brick in addition to visible foundation wall efflorescence (chemical staining around building perimeter) (Selective, estimated at ~80SF)*				
20	09 01 90 52-0005	0327	MOD	For >250 To 500, Add					$118.27
					Qty	Unit Price	Factor	Total	
				Installation	480.000 X	$0.22 X	1.1200	$118.27	
				Subtotal for 09 - Finishes:					**$639.74**
				Grand Total:					**$48,089.55**

This work order proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percent of NPP on this Proposal: 0.00

ATTACHMENT D

SPECIAL INSTRUCTIONS

1. Working Days

Except for such work as may be require to properly maintain lights and barricades, no work will be permitted on Sunday, legal holidays, or weekdays between 7:00 p.m. and 7:00 a.m. On Saturdays, no work shall begin before 9:00 a.m. or continue after 5:00 p.m. without specific permission of the Engineer.

If work outside of normal working day hours is necessary, payment at 1.5 times the salary and benefits of the City inspector shall be payable to the City. Reasonable delays due to weather or conditions beyond the control of the City or Contractor may not require payment.

Without specific permission of the City Engineer (City of Highland Park) and except for such work as may be required to properly maintain lights and barricades, no work will be permitted on:

A. Weekdays between 7:00 p.m. and 7:00 a.m.
B. Saturdays between 5:00 p.m. and 9:00 a.m.
C. Sundays
D. Holidays listed below

Holiday	Date Observed
New Year's Day	01/01/2026
Martin Luther King Jr Day	01/19/2026
Passover (beg. Sundown 4/1/26)	04/02/2026
Memorial Day	05/25/2026
Independence Day	07/04/2026
Labor Day	09/07/2026
Rosh Hashanah (beg. sundown 9/11/26)	09/12/2026
Yom Kippur (beg. sundown 9/20/26)	09/21/2026
Veterans Day	11/11/2026
Thanksgiving Day	11/26/2026
Christmas	12/25/2026

2. Liquidated Damages

If the contractor fails to complete the project within the time limit specified, liquidated damages in the amount specified in the Standard Specifications, Article 108.09, "Failure to Complete Work on Time", shall be imposed for each calendar day until the project is completed.

Building Innovation: Modern Solutions for Every Phase of the Building Lifecycle



GORDIAN® | equalis GROUP

Gordian & Equalis Group

Publicly Procured Contract Vehicle

Gordian Contract Highlights

There is never enough time, never enough money, or never the right people to complete your repairs, renovations, and simple construction projects. Gordian's Job Order Contracting (**JOC**), construction procurement, solutions provide comprehensive data, robust software, and unmatched industry expertise to help you maximize your resources and complete many projects with one competitively-awarded contract. Equalis Group members leveraging this publicly procured contract can expect the following:

- Access, turnkey Job Order Contracting and facility planning solutions.
- A fast, flexible way to purchase construction services enabled by a single-bid process that allows projects to start faster creating partnerships between project owners and awarded contractors, resulting in higher quality work.
- Project administration and implementation provided by Gordian's highly qualified and experienced team.
- Also available, facilities benchmarking data to secure funding & guidance for long-term capital plans.

Who is Gordian?

Gordian is the leading provider of facility and construction cost data, software and expertise for all phases of the building lifecycle. From planning to design, procurement, construction and operations, Gordian's solutions help clients maximize efficiency, optimize cost savings and increase building quality. This includes understanding and communicating the needs of the building portfolio, determining investment priorities and creating actionable plans, defining accurate project budgets and procuring and executing construction work efficiently.

Explore the full portfolio of Equalis Group contract vehicles at EqualisGroup.org/contracts.

Save Time... *we've done the procurement work so you don't have to.*

Save Money... *your dollar goes further with the collective buying power of Equalis Group.*

Stay Legal... *our competitive procurement process delivers statutory compliance in every state.*

Contract #*: R10-1106A*

Lead Agency*: Region 10 ESC*

Get Started

Learn more about how we can help you achieve your procurement goals while Saving Time, Saving Money & Staying Legal. Email Engage@EqualisGroup.org or visit EqualisGroup.org/Map to connect with your dedicated Member Engagement Resource today.

Procurement Solutions

Job Order Contracting (JOC)

JOC - Build and Maintain Crucial Facilities and Infrastructure with Less Hassle

Job Order Contracting (**JOC**) is an alternative construction process that helps facility and infrastructure owners' complete repairs, renovations and alterations with a single, competitively-bid contract. Unlike traditional bidding where each project is identified, designed and put out to bid, JOC establishes prices up front, eliminating the need to bid projects separately.

Partner with Gordian to implement a best-in-class Job Order Contracting program. Gordian's JOC solutions provide comprehensive data, robust software and unmatched industry expertise to help you maximize your available resources and complete many projects with one competitively awarded contract.

What Makes Gordian's JOC Solutions Unique



Data

- Powered by a customized Construction Task Catalog® (**CTC**), created exclusively for construction procurement with your unique requirements.
- Includes highly researched in-market cost data on materials, labor and equipment.



Software

- Managed on an easy-to-use, collaborative online platform.
- Designed to meet JOC best practices and provides instant access to your customized CTC, ensuring price certainty and procurement speed.
- Transparency and oversight into the Job Order workflow from creation to closeout.



Expertise

- Unmatched experience in JOC program implementation and administration.
- Over $2.4B in construction volume completed each year through Gordian's JOC solutions.
- Award-winning team dedicated to the development, implementation, and support of JOC programs.

Overcoming Common Construction Challenges with JOC

It often seems there is not enough time, money or manpower available to complete all the projects on your plate. But with Job Order Contracting, high-quality work can be done despite these challenges.



Limited Resources



Budget Constraints



Tight Scheduling Windows and Timelines



Changing Scopes of Work

Procurement Solutions

ezIQC®

GORDIAN®

ezIQC® - Streamlined Procurement Through Cooperative Purchasing Networks

When you need to get repairs, renovations, upgrades or time-sensitive work underway quickly, Gordian's ezIQC solution, available through Equalis Group, allows you to access competitively-awarded contractors ready to get started on your project immediately. With ezIQC, you can issue POs in days and still satisfy your local competitive-bidding requirements.

Benefits of ezIQC®



Cost Control

Leverage ezIQC establishes localized material, labor and equipment pricing, ensuring costs don't get out of hand.



Time Savings

Access a pool of readily available, awarded contractors and preset pricing for tasks that allows projects to begin in a matter of days.



Quality Work

An experienced Gordian representative will work with you and your awarded contractor to ensure quality every step of the way.

5 Step Process with ezIQC®

Joint Scope Meeting › **Detailed Scope of Work** › **Price Proposal** › **Price Proposal Review** › **Job Order Issued**

Contractor site inspection and Pre-Price Proposal Q&A to better understand SOW.

Detailed SOW is prepared and submitted along with the RFP to the contractor.

Price Proposal and construction schedule, along with identified local contractors, are submitted to Gordian for review.

Proposal is reviewed by Gordian prior to client review and approval, ensuring the appropriate tasks and quantities are reflected.

When the client is 100% satisfied with the Price Proposal, construction schedule, and proposed subcontractors, a purchase order may then be issued.

Facility Planning

ROPA

GORDIAN®

Return on Physical Assets - Make Confident Decisions About Physical Assets

With the Return on Physical Assets (**ROPA**) solution, Gordian will work with you to establish an analytical framework for decision-making to be certain your choices are founded on objective data and tied to historical and peer performance. As trusted long-term partners, Gordian will be by your side with decades of industry experience and unbiased perspective to guide you through these critical business decisions.

The ROPA Decision Making Framework



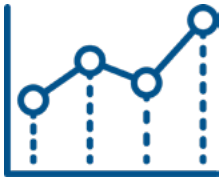
Data Collection & Measurement

Gordian collects and assembles a holistic set of finance, facilities and infrastructure data to establish a baseline of the current state of your physical campus.



Performance Assessment

Assess your current situation and determine how well-positioned you are to address exposures through historical tracking and peer benchmarks.



Analysis & Modeling

Utilizing experience and data from over 450 institutions, Gordian sheds light on where existing practices will take your campus and explore different approaches to create a better future.



Action Planning

With priorities defined and understood, decisions about your facilities can enable action towards institutional goals and a sustainable future for your campus.



Continuous Improvement

As an annual membership service, we'll measure the impact of actions taken, track progress towards goals and ensure your shared vision continues to serve the mission of your institution.

Created by Public Sector Organizations *for Public Sector Organizations*

Who is Equalis Group?

Equalis Group is a Member-Driven, Supplier-Centric organization that embodies the power of partnership. Equalis Group operates with the guiding principle that when the objectives of buyers and sellers are aligned, sustainable value is created, transcending that of the typical short-term transactional relationship. With this differentiated approach, Equalis Group is not just a cooperative purchasing organization; we are a family.

We leverage Equalis Group members' combined buying power to command better pricing and favorable contract terms from suppliers. We develop and administer a diverse portfolio of cooperative purchasing programs that cover a wide range of products and services and provide our members with a legal and compliant exemption to the bid/request for proposals (**RFP**) process.

Each program in our rapidly growing portfolio provides our members with contracting compliance and the ability to configure the solution that best meets their individual needs while achieving the lowest Total Cost of Ownership.

Time Saved through Equalis Group = More Resources for You to Invest

How many hours and over how many weeks or months does your team invest in a typical solicitation process? How many solicitations does your organization publish each year? How much time and effort can your organization save by leveraging Equalis Group's already-procured portfolio of programs? In what ways can you re-invest that saved time and energy to fulfill your organization's purpose?

Your Solicitation Process Today

Identify Requirements	Prepare Solicitation	Publish Notice	Score Proposals	Interview Finalists	Issue Award	Finalize Contract	Implement Solution
# of Hours? # of Weeks?	# of Hours? # of Weeks?	# of Hours? # of Weeks?	# of Hours? # of Weeks?	# of Hours? # of Weeks?	# of Hours? # of Weeks?	# of Hours? # of Weeks?	# of Hours? # of Weeks?

Your Implementation Process with Equalis Group

Identify Requirements	Configure Best Solution	Implement Best Solution
# of Hours? # of Weeks?	# of Hours? # of Weeks?	# of Hours? # of Weeks?

Become a Member of Equalis Group

If you are not already a member, you can join Equalis Group in just minutes and immediately access our portfolio of cooperative purchasing programs. Simply visit *www.equalisgroup.org/member-registration* to get started. There are no dues, fees, or obligations.

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Anna Stawski, City Engineer

Department: Public Works Department

Title: A Resolution Approving Award of the 2026 Concrete Street Patching and Sidewalk Repair Program Contract to Triggi Construction, Inc. of West Chicago, Illinois

Recommendation:
City Staff recommends approval of the 2026 Concrete Streets and Sidewalk Repair Program contract with Triggi Construction, Inc. of West Chicago, Illinois, for a not-to-exceed cost of $415,994.75

Policy Consideration:
The Concrete Streets Repair Program involves Portland Cement Concrete (PCC) pavement repairs (full depth up to 7-in Concrete Patches) of street sections (not an entire street rehabilitation), curb and gutter removal and replacement, drainage structure adjustments, repairing deteriorated sections of concrete sidewalk, ADA panel installation or replacement at crosswalks, minor miscellaneous asphalt work, and landscape restoration. The Concrete Streets Repair program work will be performed at various locations throughout the City of Highland Park. The locations designated for repair were generated based on inspections performed by the Operations and Engineering Divisions of Public Works. The locations may be modified slightly to include increasing the width or length of the repair to a logical endpoint.

The following locations are included in the 2026 Concrete Streets Repair Program.

Street	From	To	Side of Street	Comments
Cavell Ave	Park Ave	Berkeley Rd	East and West	All Lanes
Centennial Ln	Lexington Ln	Parkside Dr	North and South	All Lanes
Old Briar Rd	Magnolia Ln	Red Oak Ln	North and South	All Lanes

The 2026 Concrete Sidewalk Repair program entails repairing deteriorating panel sections of concrete sidewalk. The work included in this contract calls for Portland Cement Concrete (PCC) sidewalk repairs, replacement of sidewalk squares, curb and gutter removal and replacement, small miscellaneous Hot Mix/Warm Mix Asphalt (HMA/WMA) work, and minor landscape restoration with topsoil and seeding.

The following locations are included in the 2026 Concrete Sidewalk Repair Program.

Street	From	To	Side of Street	Comments
Heather Ln	Winthrop Rd	Winthrop Rd	East and West, North and South	764 SQ FT of sidewalk selected for replacement
Sumac Rd	Barberry Rd	Clavey Rd	East and West	1,170 SQ FT of sidewalk selected for replacement
Barberry Rd	Ridge Rd	Clavey Rd	North and South, East and West	1,457 SQ FT of sidewalk selected for replacement

The City received five competitive bids on March 19, 2026 (see attached bid tabulation). Upon review of the bids, Triggi Construction, Inc. was the lowest responsible bid, totaling $395,994.75. The not to exceed amount of $415,994.75 includes approximately 5% contingency to cover any unforeseen issues that may occur during the field work. Triggi Construction, Inc. has worked for the City in the past, and their work has been satisfactory.

Regular updates on FY 2026 public infrastructure CIP projects are posted on the City's website www.cityhpil.com/construction.

City staff will continue to promote the City's infrastructure investment pertaining to this project via its e-news and utilize social media, as necessary. Communication tools in addition to traditional messaging: US MAIL, door hangers, and message boards. Public improvement signage shall be placed on streets. The contract requires traffic control protection measures to be placed during repair hours.

The project is scheduled to begin in early summer 2026 with an anticipated completion by late August. Public Works Engineering Division staff will provide daily inspection services for this program. Pertinent documents are available for review at the Department of Public Works, 1150 Half Day Road.

Core Priorities:

Fiscal Stability

Sufficient funds in the Street Capital Fund are available to pay for the 2026 Concrete Streets and Sidewalk Repair Program.

Attachments:

1. Resolution - Concrete Program
2. Bid Tab - 26 Concrete
3. '26 Concrete Contract - Triggi

CITY OF HIGHLAND PARK

RESOLUTION NO. R_____

A RESOLUTION AUTHORIZING AWARD OF THE 2026 CONCRETE STREET AND SIDEWALK REPAIR PROGRAM CONTRACT TO TRIGGI CONSTRUCTION, INC., OF WEST CHICAGO, ILLINOIS

WHEREAS, the City sought bids for the award of the 2026 Concrete Street & Sidewalk Repair Program Contract (**"Contract"**), to provide concrete repair services on various City streets and sidewalks: and

WHEREAS, Triggi Construction, Inc., of West Chicago, Illinois (**"*Triggi*"**), was the low responsible bidder of the firms that submitted bid packages to the City; and

WHEREAS, the City Council has determined that it will serve and be in the best interest of the City to enter into the Contractor with Triggi;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: AUTHORIZATION OF CONTRACT. The Contract with Triggi shall be, and it is hereby, authorized in substantially the form attached as part of this Resolution.

SECTION THREE: EXECUTION OF CONTRACT. The City Manager and the Deputy City Clerk are hereby authorized and directed to execute and attest the Contract with Triggi, upon receipt by the City Clerk of at least one original copy of the Contract executed by Triggi; provided, however, that if an executed copy of the Contract is not received by the City Clerk within 30 days after the effective date of this Ordinance, then this authority to execute and attest the Contract will, at the option of the City Council, be null and void.

SECTION FOUR: EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage, by a vote of two-thirds of the City Council, and approval in the manner provided by law.

ADOPTED

AYES:

ADOPTED:

RESOLUTION NO. R_____

_____
Nancy R. Rotering, Mayor

ATTEST:

Ghida S. Neukirch, City Clerk

RFP - 2026 Concrete Street and Sidewalk Repair Program (#10099427)
Owner: Highland Park IL, City of
Solicitor: Highland Park IL, City of
03/19/2026 11:00 AM CDT

Section Title	Line Item	Item Code	Item Description	UofM	Quantity	Engineer Estimate		Triggi Construction, Inc.		Schroeder & Schroeder Inc.		Everlast Blacktop Inc		Landmark Contractors, Inc.		Alliance Contractors Inc.	
						Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
BASE BID							$383,738.65		$395,994.75		$444,444.00		$546,567.20		$806,940.57		$979,853.46
	1	20200100	EARTH EXCAVATION	CU YD	15	$ 52.50	$ 787.50	$ 50.00	$ 750.00	$ 60.00	$ 900.00	$ 80.00	$ 1,200.00	$ 137.00	$ 2,055.00	$ 40.00	$ 600.00
	2	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	449.5	$ 4.20	$ 1,887.90	$ 5.00	$ 2,247.50	$ 10.00	$ 4,495.00	$ 10.00	$ 4,495.00	$ 1.00	$ 449.50	$ 1.00	$ 449.50
	3	31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	30	$ 6.30	$ 189.00	$ 20.00	$ 600.00	$ 8.00	$ 240.00	$ 28.00	$ 840.00	$ 70.10	$ 2,103.00	$ 16.50	$ 495.00
	4	35101582	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	30	$ 2.10	$ 63.00	$ 15.00	$ 450.00	$ 2.00	$ 60.00	$ 28.00	$ 840.00	$ 35.15	$ 1,054.50	$ 6.00	$ 180.00
	5	42000060	WELDED WIRE REINFORCEMENT	SQ YD	59.2	$ 2.10	$ 124.32	$ 10.00	$ 592.00	$ 3.00	$ 177.60	$ 34.00	$ 2,012.80	$ 17.00	$ 1,006.40	$ 14.80	$ 876.16
	6	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	7	$ 84.00	$ 588.00	$ 125.00	$ 875.00	$ 120.00	$ 840.00	$ 135.00	$ 945.00	$ 117.70	$ 823.90	$ 287.10	$ 2,009.70
	7	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3391	$ 16.28	$ 55,205.48	$ 10.25	$ 34,757.75	$ 16.00	$ 54,256.00	$ 11.30	$ 38,318.30	$ 13.50	$ 45,778.50	$ 27.25	$ 92,404.75
	8	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	75	$ 16.28	$ 1,221.00	$ 11.00	$ 825.00	$ 16.00	$ 1,200.00	$ 15.00	$ 1,125.00	$ 14.30	$ 1,072.50	$ 31.90	$ 2,392.50
	9	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	96.6	$ 16.28	$ 1,572.65	$ 30.00	$ 2,898.00	$ 15.00	$ 1,449.00	$ 18.00	$ 1,738.80	$ 24.80	$ 2,395.68	$ 40.00	$ 3,864.00
	10	44000600	SIDEWALK REMOVAL	SQ FT	3466	$ 2.10	$ 7,278.60	$ 3.50	$ 12,131.00	$ 2.00	$ 6,932.00	$ 2.00	$ 6,932.00	$ 4.65	$ 16,116.90	$ 4.00	$ 13,864.00
	11	60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	$ 472.50	$ 472.50	$ 500.00	$ 500.00	$ 650.00	$ 650.00	$ 1,700.00	$ 1,700.00	$ 410.50	$ 410.50	$ 500.00	$ 500.00
	12	60255500	MANHOLES TO BE ADJUSTED	EACH	1	$ 472.50	$ 472.50	$ 500.00	$ 500.00	$ 650.00	$ 650.00	$ 1,800.00	$ 1,800.00	$ 410.50	$ 410.50	$ 500.00	$ 500.00
	13	60260100	INLETS TO BE ADJUSTED	EACH	2	$ 472.50	$ 945.00	$ 500.00	$ 1,000.00	$ 450.00	$ 900.00	$ 1,200.00	$ 2,400.00	$ 410.50	$ 821.00	$ 500.00	$ 1,000.00
	14	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	17	$ 1.05	$ 17.85	$ 1.00	$ 17.00	$ 1.00	$ 17.00	$ 240.00	$ 4,080.00	$ 800.00	$ 13,600.00	$ 1.00	$ 17.00
	15	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	20	$ 31.50	$ 630.00	$ 50.00	$ 1,000.00	$ 40.00	$ 800.00	$ 55.00	$ 1,100.00	$ 46.05	$ 921.00	$ 65.00	$ 1,300.00
	16	HP-001	DRIVEWAY ACCESS, SPECIAL MOBILITY NEEDS	EACH	3	$ 262.50	$ 787.50	$ 200.00	$ 600.00	$ 300.00	$ 900.00	$ 1,800.00	$ 5,400.00	$ 1,100.00	$ 3,300.00	$ 1.00	$ 3.00
	17	HP-018	BRICK PAVER REMOVAL AND REINSTALLATION	SQ FT	30	$ 21.00	$ 630.00	$ 25.00	$ 750.00	$ 20.00	$ 600.00	$ 55.00	$ 1,650.00	$ 31.20	$ 936.00	$ 30.00	$ 900.00
	18	HP-252-01	SODDING (SPECIAL)	SQ YD	449.5	$ 16.80	$ 7,551.60	$ 15.00	$ 6,742.50	$ 25.00	$ 11,237.50	$ 14.00	$ 6,293.00	$ 46.00	$ 20,677.00	$ 46.00	$ 20,677.00
	19	HP-406-02	WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH	SQ YD	89.6	$ 57.75	$ 5,174.40	$ 75.00	$ 6,720.00	$ 55.00	$ 4,928.00	$ 58.00	$ 5,196.80	$ 195.50	$ 17,516.80	$ 120.00	$ 10,752.00
	20	HP-442-02	CLASS B PATCHES, TYPE II, 7 INCH (SPECIAL)	SQ YD	1036	$ 94.50	$ 97,902.00	$ 117.25	$121,471.00	$ 110.00	$113,960.00	$ 135.00	$139,860.00	$ 216.30	$224,086.80	$ 279.50	$289,562.00
	21	HP-442-03	CLASS B PATCHES, TYPE III, 7 INCH (SPECIAL)	SQ YD	752.6	$ 94.50	$ 71,120.70	$ 100.00	$ 75,260.00	$ 110.00	$ 82,786.00	$ 145.00	$109,127.00	$ 211.80	$159,400.68	$ 279.50	$210,351.70
	22	HP-442-04	CLASS B PATCHES, TYPE IV 7 INCH (SPECIAL)	SQ YD	839.7	$ 94.50	$ 79,351.65	$ 90.00	$ 75,573.00	$ 110.00	$ 92,367.00	$ 155.00	$130,153.50	$ 208.65	$175,203.41	$ 279.50	$234,696.15
	23	HP-606-05	INTERMITTENT CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT	FOOT	680	$ 63.00	$ 42,840.00	$ 50.00	$ 34,000.00	$ 70.00	$ 47,600.00	$ 50.00	$ 34,000.00	$ 82.45	$ 56,066.00	$ 102.40	$ 69,632.00
	24	HP-701-01	CHANGEABLE MESSAGE SIGN - CITY OF HIGHLAND PARK	CAL DA	21	$ 115.50	$ 2,425.50	$ 35.00	$ 735.00	$ 75.00	$ 1,575.00	$ 160.00	$ 3,360.00	$ 35.00	$ 735.00	$ 100.00	$ 2,100.00
	25	HP-701-02	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	$4,500.00	$ 4,500.00	$15,000.00	$ 15,000.00	$14,923.90	$ 14,923.90	$42,000.00	$ 42,000.00	$60,000.00	$ 60,000.00	$20,727.00	$ 20,727.00
Base Bid Total:							$383,738.65		$395,994.75		$444,444.00		$546,567.20		$806,940.57		$979,853.46

City of Highland Park
1150 Half Day Rd.
Highland Park, Illinois 60035
847.432.0807
cityhpil.com

Public Works Department

CONTRACT BETWEEN

City of Highland Park

and

TRIGGI CONSTRUCTION, INC.

for

2026 CONCRETE STREET & SIDEWALK REPAIR PROGRAM

Project # 10099427

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In consideration of the mutual promises set forth below, the CITY OF HIGHLAND PARK, 1150 Half Day Road, Highland Park, Illinois, 60035, a municipal corporation ("***Owner***"), and **Triggi Construction, Inc., of West Chicago, Illinois** ("***Contractor***"), make this Contract as of the _____ day of _____**, 2026**, and hereby agree as follows:

ARTICLE I
THE WORK

1.1 Performance of the Work

Contractor shall, at its sole cost and expense, provide, perform, and complete all of the following, all of which is herein referred to as the "Work":

1. Labor, Equipment, Materials, and Supplies. Provide, perform, and complete, in the manner described and specified in this Contract, all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data, and other means and items necessary to accomplish the Project at the Work Site, both as defined in Attachment A, in accordance with the specifications attached hereto as Attachment B, the drawings identified in the list attached hereto as Attachment C, and the Special Project Requirements attached hereto as Attachment D.

2. Permits. Except as otherwise provided in Attachment A, procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith.

3. Bonds and Insurance. Procure and furnish all Bonds and all certificates and policies of insurance specified in this.

4. Taxes. Pay all applicable federal, state, and local taxes.

5. Miscellaneous. Do all other things required of Contractor by this Contract, including, without limitation, arranging for utility and other services needed for the work and for testing, including the installation of temporary utility lines, wiring, switches, fixtures, hoses, connections, and meters, and providing sufficient sanitary conveniences and shelters to accommodate all workers and all personnel of Owner engaged in the Work.

6. Quality. Provide, perform and complete all of the foregoing in a proper and workmanlike manner, consistent with the highest standards of professional and construction practices and in full compliance with, and as required by or pursuant to, this Contract, and with the greatest economy, efficiency, and expedition consistent therewith, with only new, undamaged and first quality equipment, materials, and supplies.

1.2 Commencement and Completion Dates

Contractor shall commence the Work not later than the "Commencement Date" set forth on Attachment A and shall diligently and continuously prosecute the Work at such a rate as will allow the Work to be fully provided, performed, and completed in full compliance with this Contract not later than the "Completion Date" set forth in Attachment A. The time of commencement, rate of progress, and time of completion are referred to in this Contract as the "Contract Time."

1.3 Required Submittals

A. Submittals Required. Contractor shall submit to Owner all documents, data, and information specifically required to be submitted by Contractor under this Contract and shall, in addition, submit to Owner all such drawings, specifications, descriptive information, and engineering documents, data, and information as may be required, or as may be requested by Owner, to show the details of the Work, including a complete description of all equipment, materials, and supplies to be provided under this

Contract ("***Required Submittals***"). Such details shall include, but shall not be limited to, design data, structural and operating features, principal dimensions, space required or provided, clearances required or provided, type and brand of finish, and all similar matters, for all components of the Work.

B. Number and Format. Contractor shall provide three complete sets for each Required Submittal. All Required Submittals, except drawings, shall be prepared on 8-1/2 inch by 11-inch paper. Two blue line prints and one sepia transparency of each drawing shall be provided. All prints of drawings shall be folded to 8-1/2 inches by 11 inches, or less. All drawings shall be clearly marked in the lower right-hand corner with the names of Owner and Contractor.

C. Time of Submission and Owner's Review. All Required Submittals shall be provided to Owner no later than the time, if any, specified in this Contract for their submission or, if no time for submission is specified, in sufficient time, in Owner's sole opinion, to permit Owner to review the same prior to the commencement of the part of the Work to which they relate and prior to the purchase of any equipment, materials, or supplies that they describe. Owner shall have the right to require such corrections as may be necessary to make such submittals conform to this Contract. All such submittals shall, after final processing and review with no exception noted by Owner, become a part of this Contract. No Work related to any submittal shall be performed by Contractor until Owner has completed review of such submittal with no exception noted. Owner's review and stamping of any Required Submittal shall be for the sole purpose of examining the general management, design, and details of the proposed Work, shall not relieve Contractor of the entire responsibility for the performance of the Work in full compliance with, and as required by or pursuant to this Contract, and shall not be regarded as any assumption of risk or liability by Owner.

D. Responsibility for Delay. Contractor shall be responsible for any delay in the Work due to delay in providing Required Submittals conforming to this Contract.

1.4 Review and Interpretation of Contract Provisions

Contractor represents and warrants that it has carefully reviewed this Contract, including all of its Attachments, and the drawings identified in Attachment C, all of which are by this reference incorporated into and made a part of this Contract. Contractor shall, at no increase in the Contract Price, provide workmanship, equipment, materials, and supplies that fully conform to this Contract. Whenever any equipment, materials or supplies are specified or described in this Contract by using the name or other identifying feature of a proprietary product or the name or other identifying feature of a particular manufacturer or vendor, the specific item mentioned shall be understood as establishing the type, function and quality desired. Other manufacturers' or vendors' products may be accepted, provided that the products proposed are equivalent in substance and function to those named as determined by Owner in its sole and absolute discretion.

Contractor shall promptly notify Owner of any discrepancy, error, omission, ambiguity, or conflict among any of the provisions of this Contract before proceeding with any Work affected thereby. If Contractor fails to give such notice to Owner, then the subsequent decision of Owner as to which provision of this Contract shall govern shall be final, and any corrective work required shall not entitle Contractor to any damages, to any compensation in excess of the Contract Price, or to any delay or extension of the Contract Time.

When the equipment, materials, or supplies furnished by Contractor cannot be installed as specified in this Contract, Contractor shall, without any increase in the Contract Price, make all modifications required to properly install the equipment, materials, or supplies. Any such modification shall be subject to the prior review and consent of Owner.

1.5 Conditions at the Work Site; Record Drawings

Contractor represents and warrants that it has had a sufficient opportunity to conduct a thorough investigation of the Work Site and the surrounding area and has completed such investigation to its satisfaction. Contractor shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time based upon conditions found at, or in the vicinity of, the Work Site. When information pertaining to subsurface, underground or other concealed conditions, soils analysis, borings, test pits, utility locations or conditions, buried structures, condition of existing structures, and other investigations is or has been provided by Owner, or is or has been otherwise made available to Contractor by Owner, such information is or has been provided or made available solely for the convenience of Contractor and is not part of this Contract. Owner assumes no responsibility whatever in respect to the sufficiency or accuracy of such information, and there is no guaranty or warranty, either expressed or implied, that the conditions indicated are representative of those existing throughout the Work or the Work Site, or that the conditions indicated are representative of those existing at any particular location, or that the conditions indicated may not change, or that unanticipated conditions may not be present.

Contractor shall be solely responsible for locating all existing underground installations by prospecting no later than two workdays prior to any scheduled excavation or trenching, whichever is earlier. Contractor shall check all dimensions, elevations, and quantities indicated in this Contract within the same time period as set forth above for prospecting underground installations. Contractor shall lay out the Work in accordance with this Contract and shall establish and maintain such locations, lines, and levels. Wherever pre-existing work is encountered, Contractor shall verify and be responsible for dimensions and location of such pre-existing work. Contractor shall notify Owner of any discrepancy between the dimensions, elevations, and quantities indicated in this Contract and the conditions of the Work Site or any other errors, omissions or discrepancies which Contract may discover during such inspections. Full instructions will be furnished by Owner should such error, omission, or discrepancy be discovered, and Contractor shall carry out such instructions as if originally specified and without any increase in Contract Price.

Before Final Acceptance of the Work, Contractor shall submit to Owner two sets of Drawings of Record, unless a greater number is specified elsewhere in this Contract, indicating al field deviations from Attachment B or the drawings identified in Attachment C.

1.6 Technical Ability to Perform

Contractor represents and warrants that it is sufficiently experienced and competent, and has the necessary capital, facilities, plant, organization, and staff, to provide, perform, and complete the Work in full compliance with, and as required by or pursuant to, this Contract.

1.7 Financial Ability to Perform

Contractor represents and warrants that it is financially solvent, and Contractor has the financial resources necessary to provide, perform, and complete the Work in full compliance with, and as required by or pursuant to, this Contract.

1.8 Time

Contractor represents and warrants that it is ready, willing, able and prepared to begin the Work on the Commencement Date and that the Contract Time is sufficient time to permit completion of the Work in full compliance with, and as required by or pursuant to, this Contract for the Contract Price, all with due regard to all natural and man-made conditions that may affect the Work or the Work Site and all difficulties, hindrances, and delays that may be incident to the Work. Specifically, and without limitation of the foregoing, Contractor acknowledges and agrees that Contractor shall be responsible for completion of all Work within the Contract Time, notwithstanding any strike or other work stoppage by employees of either Contractor or of Owner.

1.9 Safety at the Work Site

Contractor shall be solely and completely responsible for providing and maintaining safe conditions at the Work Site, including the safety of all persons and property during performance of the Work. This requirement shall apply continuously and shall not be limited to normal working hours. Contractor shall take all safety precautions as shall be necessary to comply with all applicable laws and to prevent injury to persons and damage to property.

Contractor shall conduct all of its operations without interruption or interference with vehicular and pedestrian traffic on public and private rights-of-way, unless it has obtained permits therefore from the proper authorities. If any public or private right-of-way shall be rendered unsafe by Contractor's operations, Contractor shall make such repairs or provide such temporary ways or guards as shall be acceptable to the proper authorities.

1.10 Cleanliness of the Work Site and Environs

Contractor shall keep the Work Site and adjacent areas clean at all times during performance of the Work and shall, upon completion of the Work, leave the Work Site and adjacent areas in a clean and orderly condition.

1.11 Damage to the Work, the Work Site, and Other Property

The Work and everything pertaining thereto shall be provided, performed, completed, and maintained at the sole risk and cost of Contractor from the Commencement Date until Final Payment. Contractor shall be fully responsible for the protection of all public and private property and all persons. Without limiting the foregoing, Contractor shall, at its own cost and expense, provide all permanent and temporary shoring, anchoring and bracing required by the nature of the Work in order to make all parts absolutely stable and rigid, even when such shoring, anchoring and bracing is not explicitly specified, and support and protect all buildings, bridges, roadways, conduits, wires, water pipes, gas pipes, sewers, pavements, curbs, sidewalks, fixtures and landscaping of all kinds and all other public or private property that may be encountered or endangered in providing, performing and completing the Work. Contractor shall have no claim against Owner because of any damage or loss to the Work or to Contractor's equipment, materials, or supplies from any cause whatsoever, including damage or loss due to simultaneous work by others. Contractor shall, promptly and without charge to Owner, repair or replace, to the satisfaction of Owner, any damage done to, and any loss suffered by, the Work and any damage done to, and any loss suffered by, the Work Site or other property as a result of the Work. Notwithstanding any other provision of this Contract, Contractor's obligations under this Section shall exist without regard to, and shall not be construed to be waived by, the availability or unavailability of any insurance, either of Owner or Contractor, to indemnify, hold harmless, or reimburse Contractor for the cost of any repair or replacement work required by this Section.

1.12 Subcontractors and Suppliers

A. Approval and Use of Subcontractors and Suppliers. Contractor shall perform the Work with its own personnel and under the management, supervision, and control of its own organization unless otherwise approved by Owner in writing. All subcontractors, suppliers, and subcontracts used by Contractor shall be acceptable to, and approved in advance by, Owner. Owner's approval of any subcontractor, supplier, and subcontract shall not relieve Contractor of full responsibility and liability for the provision, performance, and completion of the Work in full compliance with, and as required by or pursuant to, this Contract. All Work performed under any subcontract shall be subject to all of the provisions of this Contract in the same manner as if performed by employees of Contractor. Every reference in this Contract to "Contractor" shall be deemed also to refer to all subcontractors and suppliers of Contractor. Every subcontract shall include a provision binding the subcontractor or supplier to all provisions of this Contract.

B. Removal of Subcontractors and Suppliers. If any subcontractor or supplier fails to perform the part of the Work undertaken by it in a manner satisfactory to Owner, Contractor shall immediately upon

notice from Owner terminate such subcontractor or supplier. Contractor shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such termination.

1.13 Simultaneous Work By Others

Owner shall have the right to perform or have performed such other work, as Owner may desire in, about, or near the Work Site during the performance of the Work by Contractor. Contractor shall make every reasonable effort to perform the Work in such manner as to enable both the Work and such other work to be completed without hindrance or interference from each other. Contractor shall afford Owner and other contractors reasonable opportunity for the execution of such other work and shall properly coordinate the Work with such other work.

1.14 Occupancy Prior to Final Payment

Owner shall have the right, at its election, to occupy, use, or place in service any part of the Work prior to Final Payment. Such occupancy, use, or placement in service shall be conducted in such manner as not to damage any of the Work or to unreasonably interfere with the progress of the Work. No such occupancy, use, or placement in service shall be construed as an acceptance of any of the Work or a release or satisfaction of Contractor's duty to insure and protect the Work, not shall it, unless conducted in an unreasonable manner, be considered as an interference with Contractor's provision, performance, or completion of the Work.

1.15 Owner's Right to Terminate or Suspend Work for Convenience

A. Termination or Suspension for Convenience. Owner shall have the right, for its convenience, to terminate or suspend the Work in whole or in part at any time by written notice to Contractor. Every such notice shall state the extent and effective date of such termination or suspension. On such effective date, Contractor shall, as and to the extent directed, stop Work under this Contract, cease all placement of further orders or subcontracts, terminate or suspend Work under existing orders and subcontracts, cancel any outstanding orders or subcontracts that may be cancelled, and take any action necessary to protect any property in its possession in which Owner has or may acquire any interest and to dispose of such property in such manner as may be directed by Owner.

B. Payment for Completed Work. In the event of any termination pursuant to Subsection 1.15A above, Owner shall pay Contractor (1) such direct costs, excluding overhead, as Contractor shall have paid or incurred for all Work done in compliance with, and as required by or pursuant to, this Contract up to the effective date of termination together with ten percent of such costs for overhead and profit; and (2) such other costs pertaining to the Work, exclusive of overhead and profit, as Contractor may have reasonably and necessarily incurred as the result of such termination. Any such payment shall be offset by any prior payment or payments and shall be subject to Owner's rights to withhold and deduct as provided in this Contract.

ARTICLE II
CHANGES AND DELAYS

2.1 Changes

Owner shall have the right, by written order executed by Owner, to make changes in the Contract, the Work, the Work Site, and the Contract Time ("***Change Order***"). If any Change Order causes an increase or decrease in the amount of the Work, an equitable adjustment in the Contract Price or Contract Time may be made. All claims by Contractor for an equitable adjustment in either the Contract Price or the Contract Time shall be made within two business days following receipt of such Change Order, and shall, if not made prior to such time, be conclusively deemed to have been waived. No decrease in the amount of the

Work caused by any Change Order shall entitle Contractor to make any claim for damages, anticipated profits, or other compensation.

2.2 Delays

A. Extensions for Unavoidable Delays. For any delay that may result from causes that could not be avoided or controlled by Contractor, Contractor shall, upon timely written application, be entitled to issuance of a Change Order providing for an extension of the Contract Time for a period of time equal to the delay resulting from such unavoidable cause. No extension of the Contract Time shall be allowed for any other delay in completion of the Work.

B. No Compensation for Delays. No payment, compensation, damages, or adjustment of any kind, other than the extension of the Contract Time provided in Subsection 2.2A above, shall be made to, or claimed by, Contractor because of hindrances or delays from any cause in the commencement, prosecution, or completion of the Work, whether caused by Owner or any other party and whether avoidable or unavoidable.

ARTICLE III

CONTRACTOR'S RESPONSIBILITY FOR DEFECTIVE WORK

3.1 Inspection; Testing; Correction of Defects

A. Inspection. Until Final Payment, all parts of the Work shall be subject to inspection and testing by Owner or its designated representatives. Contractor shall furnish, at its own expense, all reasonable access, assistance, and facilities required by Owner for such inspection and testing.

B. Re-Inspection. Re-inspection and re-testing of any Work may be ordered by Owner at any time, and, if so ordered, any covered or closed Work shall be uncovered or opened by Contractor. If the Work is found to be in full compliance with this Contract, then Owner shall pay the cost of uncovering, opening, re-inspecting, or re-testing, as the case may be. If such Work is not in full compliance with this Contract, then Contractor shall pay such cost.

C. Correction. Until Final Payment, Contractor shall, promptly and without charge, repair, correct, or replace all or any part of the Work that is defective, damaged, flawed, or unsuitable or that in any way fails to conform strictly to the requirements of this Contract.

3.2 Warranty of Work

A. Scope of Warranty. Contractor warrants that the Work and all of its components shall be free from defects and flaws in design, workmanship, and materials; shall strictly conform to the requirements of this Contract; and shall be fit, sufficient, and suitable for the purposes expressed in, or reasonably inferred from, this Contract. The warranty herein expressed shall be in addition to any other warranties expressed in this Contract, or expressed or implied by law, which are hereby reserved unto Owner.

B. Repairs; Extension of Warranty. Contractor shall, promptly and without charge, correct any failure to fulfill the above warranty that may be discovered or develop at any time within one year after Final Payment or such longer period as may be prescribed in Attachment B or Attachment D to this Contract or by law. The above warranty shall be extended automatically to cover all repaired and replacement parts and labor provided or performed under such warranty and Contractor's obligation to correct Work shall be extended for a period of one year from the date of such repair or replacement. The time period established in this Subsection 3.2B relates only to the specific obligation of Contractor to correct Work and shall not be construed to establish a period of limitation with respect to other obligations that Contractor has under this Contract.

C. Subcontractor and Supplier Warranties. Whenever Attachment B or Attachment D requires a subcontractor or supplier to provide a guaranty or warranty, Contractor shall be solely responsible

for obtaining said guaranty or warranty in form satisfactory to Owner and assigning said warranty or guaranty to Owner. Acceptance of any assigned warranties or guaranties by Owner shall be a precondition to Final Payment and shall not relieve Contractor of any of its guaranty or warranty obligations under this Contract.

3.3 Owner's Right to Correct

If, within two business days after Owner gives Contractor notice of any defect, damage, flaw, unsuitability, nonconformity, or failure to meet warranty subject to correction by Contractor pursuant to Section 3.1 or Section 3.2 of this Contract, Contractor neglects to make, or undertake with due diligence to make, the necessary corrections, then Owner shall be entitled to make, either with its own forces or with contract forces, the corrections and to recover from Contractor all resulting costs, expenses, losses, or damages, including attorneys' fees and administrative expenses.

ARTICLE IV
FINANCIAL ASSURANCES

4.1 Bonds

Contemporaneous with Contractor's execution of this Contract, Contractor shall provide a Performance Bond and a Labor and Material Payment Bond, on forms provided by, or otherwise acceptable to, Owner, from a surety company licensed to do business in the State of Illinois with a general rating of A minus and a financial size category of Class X or better in Best's Insurance Guide, each in the penal sum of the Contract Price ("***Bonds***"). Contractor shall, at all times while providing, performing, or completing the Work, including, without limitation, at all times while correcting any failure to meet warranty pursuant to Section 3.2 of this Contract, maintain and keep in force, at Contractor's expense, the Bonds required hereunder.

4.2 Insurance

Contemporaneous with Contractor's execution of this Contract, Contractor shall provide certificates and policies of insurance evidencing the minimum insurance coverage and limits set forth in Attachment A. For good cause shown, Owner may extend the time for submission of the required policies of insurance upon such terms, and with such assurances of complete and prompt performance, as Owner may impose in the exercise of its sole discretion. Such policies shall be in a form, and from companies, acceptable to Owner. Such insurance shall provide that no change, modification in, or cancellation of any insurance shall become effective until the expiration of 30 days after written notice thereof shall have been given by the insurance company to Owner. Contractor shall, at all times while providing, performing, or completing the Work, including, without limitation, at all times while correcting any failure to meet warranty pursuant to Section 3.2 of this Contract, maintain and keep in force, at Contractor's expense, the minimum insurance coverage and limits set forth in Attachment A.

4.3 Indemnification

Contractor shall indemnify, save harmless, and defend Owner against any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses, including attorneys' fees and administrative expenses, that may arise, or be alleged to have arisen, out of or in connection with Contractor's performance of, or failure to perform, the Work or any part thereof, whether or not due or claimed to be due in whole or in part to the active, passive, or concurrent negligence or fault of Contractor, except to the extent caused by the sole negligence of Owner.

ARTICLE V
PAYMENT

5.1 Contract Price

Owner shall pay to Contractor, in accordance with and subject to the terms and conditions set forth in this Article V and Attachment A, and Contractor shall accept in full satisfaction for providing, performing, and completing the Work, the amount or amounts set forth in Attachment A ("***Contract Price***"), subject to any additions, deductions, or withholdings provided for in this Contract.

5.2 Taxes and Benefits

Owner is exempt from and shall not be responsible to pay, or reimburse Contractor for, any state or local sales, use, or excise taxes. The Contract Price includes all other applicable federal, state, and local taxes of every kind and nature applicable to the Work as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits. All claim or right to claim additional compensation by reason of the payment of any such tax, contribution, or premium is hereby waived and released by Contractor.

5.3 Progress Payments

A. Payment in Installments. The Contract Price shall be paid in monthly installments in the manner set forth in Attachment A ("***Progress Payments***").

B. Pay Requests. Contractor shall, as a condition precedent to its right to receive each Progress Payment, submit to Owner a pay request in the form provided by Owner ("***Pay Request***"). The first Pay Request shall be submitted not sooner than 60 days following commencement of work. Owner may, by written notice to Contractor, designate a specific day of each month on or before which Pay Requests must be submitted. Each Pay Request shall include (a) Contractor's certification of the value of, and partial or final waivers of lien covering, all Work for which payment is then requested and (b) Contractor's certification that all prior Progress Payments have been properly applied to the payment or reimbursement of the costs with respect to which they were paid.

C. Work Entire. This Contract and the Work are entire and the Work as a whole is of the essence of this Contract. Notwithstanding any other provision of this Contract, each and every part of this Contract and of the Work are interdependent and common to one another and to Owner's obligation to pay all or any part of the Contract Price or any other consideration for the Work. Any and all Progress Payments made pursuant to this Article are provided merely for the convenience of Contractor and for no other purpose.

5.4 Final Acceptance and Final Payment

A. Notice of Completion. When the Work has been completed and is ready in all respects for acceptance by Owner, Contractor shall notify Owner and request a final inspection ("***Notice of Completion***"). Contractor's Notice of Completion shall be given sufficiently in advance of the Completion Date to allow for scheduling of the final inspection and for completion or correction before the Completion Date of any items identified by such inspection as being defective, damaged, flawed, unsuitable, nonconforming, incomplete, or otherwise not in full compliance with, or as required by or pursuant to, this Contract ("***Punch List Work***").

B. Punch List and Final Acceptance. The Work shall be finally accepted when, and only when, the whole and all parts thereof shall have been completed to the satisfaction of Owner in full compliance with, and as required by or pursuant to, this Contract. Upon receipt of Contractor's Notice of Completion, Owner shall make a review of the Work and notify Contractor in writing of all Punch List Work, if any, to be completed or corrected. Following Contractor's completion or correction of all Punch List Work, Owner shall make another review of the Work and prepare and deliver to Contractor either a

written notice of additional Punch List Work to be completed or corrected or a written notice of final acceptance of the Work ("***Final Acceptance***").

C. Final Payment. As soon as practicable after Final Acceptance, but in no event later than 30 days after Final Acceptance, Contractor shall submit to Owner a properly completed final Pay Request in the form provided by Owner ("***Final Pay Request***"), which Final Pay Request shall include, without limitation: (i) all final waivers of lien, consistent with the requirements set forth in Section 5.5B of this Contract; and (ii) all final certified payrolls, as required pursuant to Section 7.11B of this Contract. Owner shall pay to Contractor the balance of the Contract Price, after deducting there from all charges against Contractor as provided for in this Contract ("***Final Payment***"). Final Payment shall be made not later than 60 days after Owner approves the Final Pay Request. The acceptance by Contractor of Final Payment shall operate as a full and complete release of Owner of and from any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses of, by, or to Contractor for anything done, furnished for, arising out of, relating to, or in connection with the Work or for or on account of any act or neglect of Owner arising out of, relating to, or in connection with the Work.

5.5 Liens

A. Title. Nothing in this Contract shall be construed as vesting in Contractor any right of property in any equipment, materials, supplies, and other items provided under this Contract after they have been installed in, incorporated into, attached to, or affixed to, the Work or the Work Site. All such equipment, materials, supplies, and other items shall, upon being so installed, incorporated, attached or affixed, become the property of Owner, but such title shall not release Contractor from its duty to insure and protect the Work in accordance with the requirements of this Contract.

B. Waivers of Lien. Contractor shall, from time to time at Owner's request and in any event prior to Final Payment, furnish to Owner such receipts, releases, affidavits, certificates, and other evidence as may be necessary to establish, to the reasonable satisfaction of Owner, that no lien against the Work or the public funds held by Owner exists in favor of any person whatsoever for or by reason of any equipment, material, supplies, or other item furnished, labor performed, or other thing done in connection with the Work or this Contract ("***Lien***") and that no right to file any Lien exists in favor of any person whatsoever.

C. Removal of Liens. If at any time any notice of any Lien is filed, then Contractor shall, promptly and without charge, discharge, remove, or otherwise dispose of such Lien. Until such discharge, removal, or disposition, Owner shall have the right to retain from any money payable hereunder an amount that Owner, in its sole judgment, deems necessary to satisfy such Lien and to pay the costs and expenses, including attorneys' fees and administrative expenses, of any actions brought in connection therewith or by reason thereof.

D. Protection of Owner Only. This Section shall not operate to relieve Contractor's surety or sureties from any of their obligations under the Bonds, nor shall it be deemed to vest any right, interest, or entitlement in any subcontractor or supplier. Owner's retention of funds pursuant to this Section shall be deemed solely for the protection of its own interests pending removal of such Liens by Contractor, and Owner shall have no obligation to apply such funds to such removal but may, nevertheless, do so where Owner's interests would thereby be served.

5.6 Deductions

A. Owner's Right to Withhold. Notwithstanding any other provision of this Contract and without prejudice to any of Owner's other rights or remedies, Owner shall have the right at any time or times, whether before or after approval of any Pay Request, to deduct and withhold from any Progress or Final Payment that may be or become due under this Contract such amount as may reasonably appear necessary to compensate Owner for any actual or prospective loss due to: (1) Work that is defective, damaged, flawed, unsuitable, nonconforming, or incomplete; (2) damage for which Contractor is liable under this Contract; (3) state or local sales, use, or excise taxes from which Owner is exempt; (4) Liens or

claims of Lien regardless of merit; (5) claims of subcontractors, suppliers, or other persons regardless of merit; (6) delay in the progress or completion of the Work; (7) inability of Contractor to complete the Work; (8) failure of Contractor to properly complete or document any Pay Request; (9) any other failure of Contractor to perform any of its obligations under this Contract; or (10) the cost to Owner, including attorneys' fees and administrative costs, of correcting any of the aforesaid matters or exercising any one or more of Owner's remedies set forth in Section 6.3 of this Contract.

B. Use of Withheld Funds. Owner shall be entitled to retain any and all amounts withheld pursuant to Subsection 5.6A above until Contractor shall have either performed the obligations in question or furnished security for such performance satisfactory to Owner. Owner shall be entitled to apply any money withheld or any other money due Contractor under this Contract to reimburse itself for any and all costs, expenses, losses, damages, liabilities, suits, judgments, awards, attorneys' fees and administrative expenses incurred, suffered, or sustained by Owner and chargeable to Contractor under this Contract.

ARTICLE VI
DISPUTES AND REMEDIES

6.1 Dispute Resolution Procedure

A. Notice of Disputes and Objections. If Contractor disputes or objects to any requirement, direction, instruction, interpretation, determination, or decision of Owner, Contractor may notify Owner in writing of its dispute or objection and of the amount of any equitable adjustment to the Contract Price or Contract Time to which Contractor claims it will be entitled as a result thereof; provided, however, that Contractor shall, nevertheless, proceed without delay to perform the Work as required, directed, instructed, interpreted, determined, or decided by Owner, without regard to such dispute or objection. Unless Contractor so notifies Owner within two business days after receipt of such requirement, direction, instruction, interpretation, determination, or decision, Contractor shall be conclusively deemed to have waived all such disputes or objections and all claims based thereon.

B. Negotiation of Disputes and Objections. To avoid and settle without litigation any such dispute or objection, Owner and Contractor agree to engage in good faith negotiations. Within three business days after Owner's receipt of Contractor's written notice of dispute or objection, a conference between Owner and Contractor shall be held to resolve the dispute. Within three business days after the end of the conference, Owner shall render its final decision, in writing, to Contractor. If Contractor objects to the final decision of Owner, then it shall, within three business days, give Owner notice thereof and, in such notice, shall state its final demand for settlement of the dispute. Unless Contractor so notifies Owner, Contractor shall be conclusively deemed (1) to have agreed to and accepted Owner's final decision and (2) to have waived all claims based on such final decision.

6.2 Contractor's Remedies

If Owner fails or refuses to satisfy a final demand made by Contractor pursuant to Section 6.1 of this Contract, or to otherwise resolve the dispute which is the subject of such demand to the satisfaction of Contractor, within ten days following receipt of such demand, then Contractor shall be entitled to pursue such remedies, not inconsistent with the provisions of this Contract, as it may have in law or equity.

6.3 Owner's Remedies

If it should appear at any time prior to Final Payment that Contractor has failed or refused to prosecute, or has delayed in the prosecution of, the Work with diligence at a rate that assures completion of the Work in full compliance with the requirements of this Contract on or before the Completion Date, or has attempted to assign this Contract or Contractor's rights under this Contract, either in whole or in part, or has falsely made any representation or warranty in this Contract, or has otherwise failed, refused, or delayed to perform or satisfy any other requirement of this Contract or has failed to pay its debts as they come due ("***Event of Default***"), and has failed to cure any such Event of Default within five business days

after Contractor's receipt of written notice of such Event of Default, then Owner shall have the right, at its election and without prejudice to any other remedies provided by law or equity, to pursue any one or more of the following remedies:

1. Owner may require Contractor, within such reasonable time as may be fixed by Owner, to complete or correct all or any part of the Work that is defective, damaged, flawed, unsuitable, nonconforming, or incomplete; to remove from the Work Site any such Work; to accelerate all or any part of the Work; and to take any or all other action necessary to bring Contractor and the Work into strict compliance with this Contract.

2. Owner may perform or have performed all Work necessary for the accomplishment of the results stated in Paragraph 1 above and withhold or recover from Contractor all the cost and expense, including attorneys' fees and administrative costs, incurred by Owner in connection therewith.

3. Owner may accept the defective, damaged, flawed, unsuitable, nonconforming, incomplete, or dilatory Work or part thereof and make an equitable reduction in the Contract Price.

4. Owner may terminate this Contract without liability for further payment of amounts due or to become due under this Contract.

5. Owner may, without terminating this Contract, terminate Contractor's rights under this Contract and, for the purpose of completing or correcting the Work, evict Contractor and take possession of all equipment, materials, supplies, tools, appliances, plans, specifications, schedules, manuals, drawings, and other papers relating to the Work, whether at the Work Site or elsewhere, and either complete or correct the Work with its own forces or contracted forces, all at Contractor's expense.

6. Upon any termination of this Contract or of Contractor's rights under this Contract, and at Owner's option exercised in writing, any or all subcontracts and supplier contracts of Contractor shall be deemed to be assigned to Owner without any further action being required, but Owner shall not thereby assume any obligation for payments due under such subcontracts and supplier contracts for any Work provided or performed prior to such assignment.

7. Owner may withhold from any Progress Payment or Final Payment, whether or not previously approved, or may recover from Contractor, any and all costs, including attorneys' fees and administrative expenses, incurred by Owner as the result of any Event of Default or as a result of actions taken by Owner in response to any Event of Default.

8. Owner may recover any damages suffered by Owner.

6.4 Owner's Special Remedy for Delay

If the Work is not completed by Contractor, in full compliance with, and as required by or pursuant to, this Contract, within the Contract Time as such time may be extended by Change Order, then Owner may invoke its remedies under Section 6.3 of this Contract or may, in the exercise of its sole and absolute discretion, permit Contractor to complete the Work but charge to Contractor, and deduct from any Progress or Final Payments, whether or not previously approved, administrative expenses and costs for each day completion of the Work is delayed beyond the Completion Date, computed on the basis of the "Per Diem Administrative Charge" set forth in Attachment A, as well as any additional damages caused by such delay.

6.5 Terminations and Suspensions Deemed for Convenience

Any termination or suspension of Contractor's rights under this Contract for an alleged default that is ultimately held unjustified shall automatically be deemed to be a termination or suspension for the convenience of Owner under Section 1.15 of this Contract.

ARTICLE VII
LEGAL RELATIONSHIPS AND REQUIREMENTS

7.1 Binding Effect

This Contract shall be binding upon Owner and Contractor and upon their respective heirs, executors, administrators, personal representatives, and permitted successors and assigns. Every reference in this Contract to a party shall also be deemed to be a reference to the authorized officers, employees, agents, and representatives of such party.

7.2 Relationship of the Parties

Contractor shall act as an independent contractor in providing and performing the Work. Nothing in, nor done pursuant to, this Contract shall be construed (1) to create the relationship of principal and agent, partners, or joint ventures between Owner and Contractor or (2) except as provided in Paragraph 6.3(6) above, to create any relationship between Owner and any subcontractor or supplier of Contractor.

7.3 No Collusion

Contractor hereby represents that the only persons, firms, or corporations interested in this Contract as principals are those disclosed to Owner prior to the execution of this Contract, and that this Contract is made without collusion with any other person, firm, or corporation. If at any time it shall be found that Contractor has, in procuring this Contract, colluded with any other person, firm, or corporation, then Contractor shall be liable to Owner for all loss or damage that Owner may suffer thereby, and this Contract shall, at Owner's option, be null and void.

7.4 Assignment

Contractor shall not (1) assign this Contract in whole or in part, (2) assign any of Contractor's rights or obligations under this Contract, or (3) assign any payment due or to become due under this Contract without the prior express written approval of Owner, which approval may be withheld in the sole and unfettered discretion of Owner; provided, however, that Owner's prior written approval shall not be required for assignments of accounts, as defined in the Illinois Commercial Code, if to do so would violate Section 9-318 of the Illinois Commercial Code, 810 ILCS 5/9-318. Owner may assign this Contract, in whole or in part, or any or all of its rights or obligations under this Contract, without the consent of Contractor.

7.5 Confidential Information

All information supplied by Owner to Contractor for or in connection with this Contract or the Work shall be held confidential by Contractor and shall not, without the prior express written consent of Owner, be used for any purpose other than performance of the Work.

7.6 No Waiver

No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by Owner, nor any order by Owner for the payment of money, nor any payment for, or use, occupancy, possession, or acceptance of, the whole or any part of the Work by Owner, nor any extension of time granted by Owner, nor any delay by Owner in exercising any right under this Contract, nor any other act or omission of Owner shall constitute or be deemed to be an acceptance of any defective, damaged, flawed, unsuitable, nonconforming or incomplete Work, equipment, materials, or supplies, nor operate to waive or otherwise diminish the effect of any warranty or representation made by Contractor; or of any requirement or provision of this Contract; or of any remedy, power, or right of Owner.

7.7 No Third Party Beneficiaries

No claim as a third party beneficiary under this Contract by any person, firm, or corporation other than Contractor shall be made, or be valid, against the Owner or the Contractor.

7.8 Notices

All notices required or permitted to be given under this Contract shall be in writing and shall be delivered (i) personally, (ii) by a reputable overnight courier or (iii) by certified mail, return receipt requested, and deposited in the U.S. mail, postage prepaid. Unless otherwise expressly provided in this Agreement, notices shall be deemed received upon the earlier of (a) actual receipt; (b) one business day after deposit with an overnight courier as evidenced by a receipt of deposit; or (c) three business days following deposit in the U.S. mail, as evidenced by a return receipt. By notice complying with the requirements of this Section, each party shall have the right to change the address or addressee, or both, for all future notices and communications to the other party but no notice of a change of address or addressee shall be effective until actually received. Notices and communications to the Owner shall be addressed to, and delivered at, the following address:

City of Highland Park
1150 Half Day Road
Highland Park, IL 60035
Attention: City Engineer

With a copy to: Elrod Friedman, LLP.
350 North Clark Street, Second Floor
Chicago, Illinois 60654
Attention: Steven M. Elrod, Corporation Counsel

Notices and communications to the Contractor shall be addressed to, and delivered at, the following address:

_____

_____

_____

_____

_____

7.9 Governing Laws

This Contract shall be governed by, construed, and enforced in accordance with the internal laws, but not the conflicts of laws rules, of the State of Illinois.

7.10 Changes in Laws

Unless otherwise provided in this Contract, any reference to existing law shall be deemed to include any modifications of, or amendments, to existing law that may occur in the future.

7.11 Compliance with Laws

A. Compliance with Laws. Contractor shall give all notices, pay all fees, and take all other action that may be necessary to ensure that the Work is provided, performed, and completed in accordance with all required governmental permits, licenses or other approvals and authorizations that may be required in connection with providing, performing, and completing the Work, and with all applicable statutes, ordinances, rules, and regulations, including without limitation the Prevailing Wage Act, 820 ILCS 130/0.01 et seq. (if the Illinois Department of Labor revises the prevailing rate of hourly wages to be paid, the revised rate shall apply to this Contract); any other prevailing wage laws; the Fair Labor Standards Act; any statutes regarding qualification to do business; any statutes requiring preference to laborers of specified classes including, without limitation, the Employment of Illinois Workers on Public Works Act, 30 ILCS 570/0.01 et seq.; the Illinois Steel Products Procurement Act, 30 ILCS 565/1 et seq.; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. §§ 12101 et seq., the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., and the Public Works Discrimination Act, 775 ILCS 10/1 et seq.; and any statutes regarding safety or the performance of the Work, including the Illinois Underground Utility Facilities Damage Prevention Act, and the Occupational Safety and Health Act. Contractor shall also comply with all conditions of any federal, state, or local grant received by Owner or Contractor with respect to this Contract or the Work. Further, Contractor shall have a written sexual harassment policy in compliance with Section 2-105 of the Illinois Human Rights Act.

B. Certified Payrolls. Contractor shall, in accordance with Section 5 of the Illinois Prevailing Wage Act, 820 ILCS 130/5, submit to Owner, on a monthly basis, a certified payroll. The certified payroll shall consist of a complete copy of those records required to be made and kept by the Prevailing Wage Act. The certified payroll shall be accompanied by a statement signed by Contractor or subcontractor which certifies that: (1) such records are true and accurate; (2) the hourly rate paid is not less than the general prevailing rate of hourly wages required by the Prevailing Wage Act; and (3) Contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class B misdemeanor. A general contractor may rely upon the certification of a lower tier subcontractor, provided that the general contractor does not knowingly rely upon a subcontractor's false certification. Upon two business days' notice, Contractor and each subcontractor shall make available for inspection the records required to be made and kept by the Act: (i) to Owner, its officers and agents, and to the Director of the Illinois Department of Labor and his or hers deputies and agents; and (ii) at all reasonable hours at a location within this State.

C. Liability for Noncompliance. Contractor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Contractor's, or its subcontractors' or suppliers', performance of, or failure to perform, the Work or any part thereof.

D. Required Provisions. Every provision of law required by law to be inserted into this Contract shall be deemed to be inserted herein.

7.12 Compliance with Patents

A. Assumption of Costs, Royalties, and Fees. Contractor shall pay or cause to be paid all costs, royalties, and fees arising from the use on, or the incorporation into, the Work, of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions.

B. Effect of Contractor Being Enjoined. Should Contractor be enjoined from furnishing or using any equipment, materials, supplies, tools, appliances, devices, processes, or inventions supplied or required to be supplied or used under this Contract, Contractor shall promptly offer substitute equipment, materials, supplies, tools, appliances, devices, processes, or inventions in lieu thereof, of equal efficiency, quality, suitability, and market value, for review by Owner. If Owner should disapprove the offered

substitutes and should elect, in lieu of a substitution, to have supplied, and to retain and use, any such equipment, materials, supplies, tools, appliances, devices, processes, or inventions as may by this Contract be required to be supplied, Contractor shall pay such royalties and secure such valid licenses as may be requisite and necessary for Owner to use such equipment, materials, supplies, tools, appliances, devices, processes, or inventions without being disturbed or in any way interfered with by any proceeding in law or equity on account thereof. Should Contractor neglect or refuse to make any approved substitution promptly, or to pay such royalties and secure such licenses as may be necessary, then Owner shall have the right to make such substitution, or Owner may pay such royalties and secure such licenses and charge the cost thereof against any money due Contractor from Owner or recover the amount thereof from Contractor and its surety or sureties notwithstanding that Final Payment may have been made.

7.13 Time of the Essence

Time is of the essence in the performance of all terms and provisions of this Contract Calendar Days and Time.

7.14 Calendar Days and Time

Unless otherwise provided in this Contract, any reference in this Contract to "day" or "days" shall mean calendar days and not business days. If the date for giving of any notice required to be given, or the performance of any obligation, under this Contract falls on a Saturday, Sunday, or federal holiday, then the notice or obligation may be given or performed on the next business day after that Saturday, Sunday, or federal holiday.

7.15 Severability

It is hereby expressed to be the intent of the parties to this Contract that should any provision, covenant, agreement, or portion of this Contract or its application to any Person or property be held invalid by a court of competent jurisdiction, the remaining provisions of this Contract and the validity, enforceability, and application to any Person or property shall not be impaired thereby, but the remaining provisions shall be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Contract to the greatest extent permitted by applicable law.

7.16 Entire Agreement

This Contract constitutes the entire agreement between the parties to this Contract concerning the work and supersedes all prior agreements and negotiations between the parties, whether written or oral relating to the subject matter of this Contract.

7.17 Amendments and Modifications

No amendment or modification to this Contract shall be effective until it is reduced to writing and approved and executed by the corporate authorities of the parties in accordance with all applicable statutory procedures.

7.18 Conflicts of Interest

Contractor represents and certifies that, to the best of its knowledge, (1) no elected or appointed official, employee or agent of Owner has a personal financial interest in the business of the Contractor or in this Contract, or has personally received payment or other consideration for this Contract; (2) as of the date of this Contract, neither Contractor nor any person employed or associated with Contractor has any interest that would conflict in any manner or degree with the performance of the obligations under this Contract; and (3) neither Contractor nor any person employed by or associated with Contractor shall at any time during the term of this Contract obtain or acquire any interest that would conflict in any manner or degree with the performance of the obligations under this Contract.

7.19 Contract Renewal [RESERVED]

IN WITNESS WHEREOF, Owner and Contractor have caused this Contract to be executed in three original counterparts as of the day and year first written above.

ATTEST:

_____
Ashley Palbitska, Deputy City Clerk

CITY OF HIGHLAND PARK

_____
Ghida S. Neukirch, City Manager

ATTEST:

By: _____

Print Name: _____

Title: _____

TRIGGI CONSTRUCTION, INC.:

By: _____
Executing Officer

Print Name: _____

Title: _____

#2149124_v3

STATE OF ILLINOIS)
) SS
COUNTY OF _____)

CONTRACTOR'S CERTIFICATION

_____ **EXECUTING OFFICER**, being first duly sworn on oath, deposes and states that all statements herein made are made on behalf of Contractor, that this deponent is authorized to make them, and that the statements contained herein are true and correct.

Contractor deposes, states, and certifies that Contractor is not barred from contracting with a unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Contractor is contesting, in accordance with the procedures established by the appropriate Revenue Act, its liability for the tax or the amount of tax, as set forth in 65 ILCS 5/11-42.1-1; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33E of the Criminal Code of 2012, 720 ILCS 5/33E-1 et seq.

DATED this _____ day of _____, 20___.

ATTEST: **TRIGGI CONSTRUCTION, INC.:**

By: _____ By: _____

Print Name: _____ Print Name: _____

Title: _____ Title: _____

Subscribed and sworn to before me this _____ day of _____, 20___

My Commission Expires: _____

_____ [SEAL]
Notary Public

ATTACHMENT A

SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS

1. **Project**:

   The work consists of PCC Pavement repairs (Class B Patches), PCC Sidewalk repairs, Combination Concrete Curb and Gutter removal and replacement, PCC Driveway repairs, drainage structure adjustments, WMA Driveway repairs, minor landscape restoration with topsoil and sod, and includes all incidental work necessary to complete the improvements in accordance with the Contract Documents.

2. **Work Site**:

   The project limits for Concrete Street pavement repairs are on Cavell Ave. from Park Ave. to Berkeley Rd., on Centennial Ln. from Lexington Ln. to Parkside Dr., and on Old Briar Rd. from Magnolia Ln. to Red Oak Ln. The project limits for Concrete Sidewalk repairs are on Heather Ln. from Winthrop Rd. to Winthrop Rd., on Sumac Rd. from Barberry Rd. to Clavey Rd, and on Barberry Rd. from Ridge Rd. to Clavey Rd.

3. **Permits, Licenses, Approvals, and Authorizations**:

   Contractor shall obtain all required governmental permits, licenses, approvals, and authorizations, except:

   None

4. **Commencement Date**:

   April 27, 2026

5. **Completion Date**:

   June 26, 2026

6. **Invoicing**:

   Invoices must be submitted within sixty (60) days of completion of the Work. The City has no obligation to pay any invoices submitted after sixty (60) days of the completion of the invoiced Work.

7. **Insurance Coverage**:

   A. Worker's Compensation and Employer's Liability with limits not less than:
      (1) Worker's Compensation: Statutory;
      (2) Employer's Liability:
      $500,000 injury-per occurrence

$500,000 disease-per employee
$500,000 disease-policy limit

Such insurance shall evidence that coverage applies in the State of Illinois Article 107.02.

B. Comprehensive Motor Vehicle Liability with a combined single limit of liability for bodily injury and property damage of not less than **$1,000,000** for vehicles owned, non-owned, or rented.

All employees shall be included as insured.

C. Comprehensive General Liability with coverage written on an "occurrence" basis and with limits no less than:

(1) General Aggregate: $2,000,000
(2) Bodily Injury: $500,000 per person
$1,000,000 per occurrence
(3) Property Damage: $1,000,000 per occurrence, and
$2,000,000 aggregate
(4) Other Coverage:
Coverages shall include:

- Premises/Operations
- Products/Completed Operations (to be maintained for two years following Final Payment)
- Independent Contractors
- Personal Injury (with Employment Exclusion deleted)
- Broad Form Property Damage Endorsement
- Blanket Contractual Liability (must expressly cover the indemnity provisions of the Contract)
- Bodily Injury and Property Damage

"X", "C", and "U" exclusions shall be deleted.

Railroad exclusions shall be deleted if Work Site is within 50 feet of any railroad track.

All employees shall be included as insured.

D. Umbrella Policy. The $2,000,000 required coverage may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.

E. Owner as Additional Insured. Owner shall be named as an Additional Insured on the required policies excluding worker's compensation.

8. **Contract Price**:

SCHEDULE OF PRICES (SEE ATTACHMENT A-1)

[TO BE SUPPLIED BY BIDDER THROUGH QUESTCDN SUBMITTAL]

9. **Progress Payments**:

A. General. Owner shall pay to Contractor 90 percent of the Value of Work, determined in the manner set forth below, installed and complete in place up to the day before the Pay Request, less the aggregate of all previous Progress Payments, until 50 percent of contract Value of Work is completed. The total amount of Progress Payments made prior to Final Acceptance by Owner shall not exceed 95 percent of the Contract Price.

B. Value of Work. The Value of the Work shall be determined as follows (when applicable):

(1) Lump Sum Items. For all Work to be paid on a lump sum basis, Contractor shall, not later than 10 days after execution of the Contract and before submitting its first Pay Request, submit to Owner a schedule showing the value of each component part of such Work in form and with substantiating data acceptable to Owner ("***Breakdown Schedule***"). The sum of the items listed in the Breakdown Schedule shall equal the amount or amounts set forth in the Schedule of Prices for Lump Sum Work. An unbalanced Breakdown Schedule providing for overpayment of Contractor on component parts of the Work to be performed first will not be accepted. The Breakdown Schedule shall be revised and resubmitted until acceptable to Owner. No payment shall be made for any lump sum item until Contractor has submitted, and Owner has approved, an acceptable Breakdown Schedule.

Owner may require that the approved Breakdown Schedule be revised based on developments occurring during the provision and performance of the Work. If Contractor fails to submit a revised Breakdown Schedule that is acceptable to Owner, Owner shall have the right either to suspend Progress and Final Payments for Lump Sum Work or to make such Payments based on Owner's determination of the value of the Work completed.

(2) Unit Price Items. For all Work to be paid on a unit price basis, the value of such Work shall be determined by Owner on the basis of the actual number of acceptable units of Unit Price Items installed and complete in place, multiplied by the applicable Unit Price set forth in the Schedule of Prices. The actual number of acceptable units installed and complete in place shall be measured on the basis described in Attachment B to the Contract or, in the absence of such description, on the basis determined by Owner. The number of units of Unit Price Items stated in the Schedule of Prices are Owner's estimate only and shall not be used in establishing the Progress or Final Payments due Contractor. The Contract Price shall be adjusted to reflect the actual number of acceptable units of Unit Price Items installed and complete in place upon Final Acceptance.

C. Application of Payments. All Progress and Final Payments made by Owner to Contractor shall be applied to the payment or reimbursement of the costs with respect to which they were paid and shall not be applied to or used for any pre-existing or unrelated debt between Contractor and Owner or between Contractor and any third party.

END OF SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS

RFP - 2026 Concrete Street and Sidewalk Repair Program (#10099427)
Owner: Highland Park IL, City of
Solicitor: Highland Park IL, City of
03/19/2026 11:00 AM CDT

Section Title	Line Item	Item Code	Item Description	UofM	Quantity	Engineer Estimate		Triggi Construction, Inc.		Schroeder & Schroeder Inc.		Everlast Blacktop Inc		Landmark Contractors, Inc.		Alliance Contractors Inc.	
						Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
BASE BID							$383,738.65		$395,994.75		$444,444.00		$546,567.20		$806,940.57		$979,853.46
	1	20200100	EARTH EXCAVATION	CU YD	15	$ 52.50	$ 787.50	$ 50.00	$ 750.00	$ 60.00	$ 900.00	$ 80.00	$ 1,200.00	$ 137.00	$ 2,055.00	$ 40.00	$ 600.00
	2	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	449.5	$ 4.20	$ 1,887.90	$ 5.00	$ 2,247.50	$ 10.00	$ 4,495.00	$ 10.00	$ 4,495.00	$ 1.00	$ 449.50	$ 1.00	$ 449.50
	3	31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	30	$ 6.30	$ 189.00	$ 20.00	$ 600.00	$ 8.00	$ 240.00	$ 28.00	$ 840.00	$ 70.10	$ 2,103.00	$ 16.50	$ 495.00
	4	35101582	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	30	$ 2.10	$ 63.00	$ 15.00	$ 450.00	$ 2.00	$ 60.00	$ 28.00	$ 840.00	$ 35.15	$ 1,054.50	$ 6.00	$ 180.00
	5	42000060	WELDED WIRE REINFORCEMENT	SQ YD	59.2	$ 2.10	$ 124.32	$ 10.00	$ 592.00	$ 3.00	$ 177.60	$ 34.00	$ 2,012.80	$ 17.00	$ 1,006.40	$ 14.80	$ 876.16
	6	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	7	$ 84.00	$ 588.00	$ 125.00	$ 875.00	$ 120.00	$ 840.00	$ 135.00	$ 945.00	$ 117.70	$ 823.90	$ 287.10	$ 2,009.70
	7	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3391	$ 16.28	$ 55,205.48	$ 10.25	$ 34,757.75	$ 16.00	$ 54,256.00	$ 11.30	$ 38,318.30	$ 13.50	$ 45,778.50	$ 27.25	$ 92,404.75
	8	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	75	$ 16.28	$ 1,221.00	$ 11.00	$ 825.00	$ 16.00	$ 1,200.00	$ 15.00	$ 1,125.00	$ 14.30	$ 1,072.50	$ 31.90	$ 2,392.50
	9	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	96.6	$ 16.28	$ 1,572.65	$ 30.00	$ 2,898.00	$ 15.00	$ 1,449.00	$ 18.00	$ 1,738.80	$ 24.80	$ 2,395.68	$ 40.00	$ 3,864.00
	10	44000600	SIDEWALK REMOVAL	SQ FT	3466	$ 2.10	$ 7,278.60	$ 3.50	$ 12,131.00	$ 2.00	$ 6,932.00	$ 2.00	$ 6,932.00	$ 4.65	$ 16,116.90	$ 4.00	$ 13,864.00
	11	60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	$ 472.50	$ 472.50	$ 500.00	$ 500.00	$ 650.00	$ 650.00	$ 1,700.00	$ 1,700.00	$ 410.50	$ 410.50	$ 500.00	$ 500.00
	12	60255500	MANHOLES TO BE ADJUSTED	EACH	1	$ 472.50	$ 472.50	$ 500.00	$ 500.00	$ 650.00	$ 650.00	$ 1,800.00	$ 1,800.00	$ 410.50	$ 410.50	$ 500.00	$ 500.00
	13	60260100	INLETS TO BE ADJUSTED	EACH	2	$ 472.50	$ 945.00	$ 500.00	$ 1,000.00	$ 450.00	$ 900.00	$ 1,200.00	$ 2,400.00	$ 410.50	$ 821.00	$ 500.00	$ 1,000.00
	14	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	17	$ 1.05	$ 17.85	$ 1.00	$ 17.00	$ 1.00	$ 17.00	$ 240.00	$ 4,080.00	$ 800.00	$ 13,600.00	$ 1.00	$ 17.00
	15	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	20	$ 31.50	$ 630.00	$ 50.00	$ 1,000.00	$ 40.00	$ 800.00	$ 55.00	$ 1,100.00	$ 46.05	$ 921.00	$ 65.00	$ 1,300.00
	16	HP-001	DRIVEWAY ACCESS, SPECIAL MOBILITY NEEDS	EACH	3	$ 262.50	$ 787.50	$ 200.00	$ 600.00	$ 300.00	$ 900.00	$ 1,800.00	$ 5,400.00	$ 1,100.00	$ 3,300.00	$ 1.00	$ 3.00
	17	HP-018	BRICK PAVER REMOVAL AND REINSTALLATION	SQ FT	30	$ 21.00	$ 630.00	$ 25.00	$ 750.00	$ 20.00	$ 600.00	$ 55.00	$ 1,650.00	$ 31.20	$ 936.00	$ 30.00	$ 900.00
	18	HP-252-01	SODDING (SPECIAL)	SQ YD	449.5	$ 16.80	$ 7,551.60	$ 15.00	$ 6,742.50	$ 25.00	$ 11,237.50	$ 14.00	$ 6,293.00	$ 46.00	$ 20,677.00	$ 46.00	$ 20,677.00
	19	HP-406-02	WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH	SQ YD	89.6	$ 57.75	$ 5,174.40	$ 75.00	$ 6,720.00	$ 55.00	$ 4,928.00	$ 58.00	$ 5,196.80	$ 195.50	$ 17,516.80	$ 120.00	$ 10,752.00
	20	HP-442-02	CLASS B PATCHES, TYPE II, 7 INCH (SPECIAL)	SQ YD	1036	$ 94.50	$ 97,902.00	$ 117.25	$121,471.00	$ 110.00	$113,960.00	$ 135.00	$139,860.00	$ 216.30	$224,086.80	$ 279.50	$289,562.00
	21	HP-442-03	CLASS B PATCHES, TYPE III, 7 INCH (SPECIAL)	SQ YD	752.6	$ 94.50	$ 71,120.70	$ 100.00	$ 75,260.00	$ 110.00	$ 82,786.00	$ 145.00	$109,127.00	$ 211.80	$159,400.68	$ 279.50	$210,351.70
	22	HP-442-04	CLASS B PATCHES, TYPE IV 7 INCH (SPECIAL)	SQ YD	839.7	$ 94.50	$ 79,351.65	$ 90.00	$ 75,573.00	$ 110.00	$ 92,367.00	$ 155.00	$130,153.50	$ 208.65	$175,203.41	$ 279.50	$234,696.15
	23	HP-606-05	INTERMITTENT CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT	FOOT	680	$ 63.00	$ 42,840.00	$ 50.00	$ 34,000.00	$ 70.00	$ 47,600.00	$ 50.00	$ 34,000.00	$ 82.45	$ 56,066.00	$ 102.40	$ 69,632.00
	24	HP-701-01	CHANGEABLE MESSAGE SIGN - CITY OF HIGHLAND PARK	CAL DA	21	$ 115.50	$ 2,425.50	$ 35.00	$ 735.00	$ 75.00	$ 1,575.00	$ 160.00	$ 3,360.00	$ 35.00	$ 735.00	$ 100.00	$ 2,100.00
	25	HP-701-02	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	$4,500.00	$ 4,500.00	$15,000.00	$ 15,000.00	$14,923.90	$ 14,923.90	$42,000.00	$ 42,000.00	$60,000.00	$ 60,000.00	$20,727.00	$ 20,727.00
Base Bid Total:							$383,738.65		$395,994.75		$444,444.00		$546,567.20		$806,940.57		$979,853.46

City of Highland Park

Public Works Department

1150 Half Day Rd.
Highland Park, Illinois 60035
847.432.0807
cityhpil.com

CITY OF HIGHLAND PARK - DEPARTMENT OF PUBLIC WORKS
CONTRACT FOR THE
2026 CONCRETE STREET & SIDEWALK REPAIR PROGRAM

BIDDER'S PROPOSAL

Owner will receive sealed Bidder's Proposals for the Work until **11:00 a.m.**, local time, **March 19, 2026** via the online electronic bid service through QuestCDN.com [project **#10099427**].

Name of Bidder Triggi Construction, Inc. ("***Bidder***")
Office Address 1975 Powis Rd, POB 235
City, State Zip West Chicago, IL 60186-0235

Contact Person Giovanni Difruscolo, President

Email gdifruscolo@triggiconstruction.com

Telephone 630/584-4490 Fax 630/584-0271

TO: City of Highland Park ("***Owner***")
Public Works Department
1150 Half Day Road
Highland Park, Illinois 60035
Attention: **Anna Stawski, City Engineer**

Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. _____, which are securely attached to the end of this Bidder's Proposal ("*Bid Package*").

Bidder acknowledges and agrees that all terms capitalized in this Bidder's Proposal shall have the meaning given to them in the documents included in the Bid Package.

1. **Work Proposal**

A. Contract and Work. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will contract with Owner, in the form of the Contract included in the Bid Package: (1) to provide, perform and complete at the site or sites described in the Bid Package ("Work Site") and in the manner described and specified in the Bid Package all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the 2026 CONCRETE STREET & SIDEWALK REPAIR PROGRAM; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract included in the Bid Package; (3) to procure and furnish all Bonds and all certificates and

policies of insurance specified in the Bid Package; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by or pursuant to, the Contract; all of which is herein referred to as the "Work."

B. Manner and Time of Performance. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that the Bidder will perform the Work in the manner and time prescribed in the Bid Package and according to the requirements of Owner pursuant thereto.

C. General. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will do all other things required of Bidder or Contractor, as the case may be, by the Bid Package.

2. **Contract Price Proposal**

If this Bidder's Proposal is accepted, Bidder will, except as otherwise provided in Article 2.1 of the Contract, take in full payment for all Work and other matters set forth under Section 1 above, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, the compensation set forth on the following "Schedule of Prices" ("***Price Proposal***"), which Bidder understands and agrees will be made a part of the Contract:

A. UNIT PRICE CONTRACT

For providing, performing, and completing all Work related to the **2026 CONCRETE STREET & SIDEWALK REPAIR PROGRAM**; the sum of the products resulting from multiplying the number of acceptable units of Unit Price Items listed below incorporated in the Work and by the Unit Price set forth in QuestCDN for such Unit Price Item:

SCHEDULE OF PRICES as uploaded into QuestCDN vBid [project #10099427]

2026 CONCRETE STREET AND SIDEWALK REPAIR PROGRAM			ALL STREETS
ITEM	**ITEM DESCRIPTION**	**UNIT**	**TOTAL QUANTITY**
20200100	EARTH EXCAVATION	CU YD	15.0
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	449.5
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	30.0
35101582	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	30.0
42000060	WELDED WIRE REINFORCEMENT	SQ YD	59.2
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	7.0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3391.0
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	75.0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	96.6
44000600	SIDEWALK REMOVAL	SQ FT	3466.0
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1.0
60255500	MANHOLES TO BE ADJUSTED	EACH	1.0
60260100	INLETS TO BE ADJUSTED	EACH	2.0

X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	17.0
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	20.0
HP-001	DRIVEWAY ACCESS, SPECIAL MOBILITY NEEDS	EACH	3.0
HP-018	BRICK PAVER REMOVAL AND REINSTALLATION	SQ FT	30.0
HP-252-01	SODDING (SPECIAL)	SQ YD	449.5
HP-406-02	WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH	SQ YD	89.6
HP-442-02	CLASS B PATCHES, TYPE II, 7 INCH (SPECIAL)	SQ YD	1036.0
HP-442-03	CLASS B PATCHES, TYPE III, 7 INCH (SPECIAL)	SQ YD	752.6
HP-442-04	CLASS B PATCHES, TYPE IV 7 INCH (SPECIAL)	SQ YD	839.7
HP-606-05	INTERMITTENT CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT	FOOT	680.0
HP-701-01	CHANGEABLE MESSAGE SIGN - CITY OF HIGHLAND PARK	CAL DA	21.0
HP-701-02	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1.0

B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

1. The approximate quantities set forth in this Schedule of Prices for each Unit Price Item are Owner's estimate only, that Owner reserves the right to increase or decrease such quantities, and that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item installed complete in place, measured on the basis defined in the Contract;
2. Owner is not subject to state or local sales, use and excise taxes and no such taxes are included in this Schedule of Prices;
3. All other applicable federal, state, and local taxes of every kind and nature applicable to the Work as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits are included in this Schedule of Prices; and
4. All costs, royalties, and fees arising from the use on, or the incorporation into, the Work of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions are included in this Schedule of Prices.

All claim or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, or to claim any additional compensation by reason of the payment of any such tax, contribution, or premium or any such cost, royalty or fee is hereby waived and released.

3. **Contract Time Proposal**

If this Bidder's Proposal is accepted, Bidder will commence the Work not later than the "***Commencement Date***" set forth in Attachment A to the Contract and will perform the Work diligently and continuously and will complete the Work not later than the "Completion Date" set forth in Attachment A to the Contract.

4. **Firm Proposal**

All prices and other terms stated in this Bidder's Proposal are firm and shall not be subject to withdrawal, escalation, or change for a period of 60 days after the date on which any Bidder's Proposal is opened or such extended acceptance date for Bidder's Proposals as may be established pursuant to Sections 10 and 13 of the General Instructions to Bidders.

5. **Bidder Representations**

A. No Collusion. Bidder warrants and represents that the only persons, firms, or corporations interested in this Bidder's Proposal as principals are those named in Bidder's Sworn Acknowledgment attached hereto and that this Bidder's Proposal is made without collusion with any other person, firm or corporation.

B. Not Barred. Bidder warrants, represents and certifies that it is not barred by law from contracting with Owner or with any unit of state or local government.

C. Qualified. Bidder warrants and represents that it has the requisite experience, ability, capital, facilities, plant, organization and staff to enable Bidder to perform the Work successfully and promptly and to commence and complete the Work within the Contract Price and Contract Time Proposals set forth above. In support thereof, Bidder submits the attached Sworn Work History Statement. In the event Bidder is preliminarily deemed to be one of the most favorable to the interests of Owner, Bidder hereby agrees to furnish upon request, within two business days or such longer period as may be set forth in the request, such additional information as may be necessary to satisfy Owner that Bidder is adequately prepared to fulfill the Contract.

D. Owner's Reliance. Bidder acknowledges that Owner is relying on all warranties, representations and statements made by Bidder in this Bidder's Proposal.

6. **Surety and Insurance**

Bidder herewith tenders surety and insurance commitment letters as specified in Section 6 of the Invitation for Bidder's Proposals.

7. **Bid Security**

Bidder herewith issues a Bid Bond as specified in Section 6 of the Invitation for Bidder's Proposals for the sum of 3% bid bond dollars (“***Bid Security***”).

8. **Owner's Remedies**

Bidder acknowledges and agrees that should Bidder fail to timely submit all additional information that is requested of it; or should Bidder, if Owner awards Bidder the Contract, fail to timely submit all the Bonds and all the certificates and policies of insurance required of it; or should Bidder, if Owner awards Bidder the Contract, fail to timely execute the Contract, Contractor's Certification and all other required documentation related to the Contract, it will be difficult and impracticable to ascertain and determine the amount of damage that Owner will sustain by reason of any such failure and, for such reason, Owner shall have the right, at its option in the event of any such default by Bidder, to retain or recover as reasonably estimated liquidated damages, and not as a penalty, the entire amount of the Bid Security or to exercise any and all equitable remedies it may have against Bidder.

9. **Owner's Rights**

Bidder acknowledges and agrees that Owner reserves the right to reject any and all Bidder's Proposals, reserves the right to accept or reject any item of any Bidder's Proposal and reserves such other rights as are set forth in Section 13 of the General Instructions to Bidders.

10. **Bidder's Obligations**

In submitting this Bidder's Proposal, Bidder understands and agrees that it shall be bound by each and every term, condition or provision contained in the Bid Package, which are by this reference incorporated herein and made a part hereof.

DATED this 19th day of March, 20 26

ATTEST:

By: Marisa Desario

Print Name: Marisa Desario

Title: Secretary

BIDDER Triggi Construction, Inc.

By:

Print Name: Giovanni Difruscolo

Title: President

BIDDER'S PROPOSAL ACKNOWLEDGEMENT

CITY OF HIGHLAND PARK - DEPARTMENT OF PUBLIC WORKS

CONTRACT FOR THE
2026 CONCRETE STREET & SIDEWALK REPAIR PROGRAM

BIDDER'S SWORN ACKNOWLEDGEMENT

Giovanni Difruscolo NAME (*"Deponent"*), being first duly sworn on oath, deposes and states that the undersigned Bidder is organized as indicated below and that all statements herein made are made on behalf of such Bidder in support of its Bidder's Proposal for the above Contract and that Deponent is authorized to make them.

Deponent also deposes and states that Bidder has carefully prepared, reviewed, and checked its Bidder's Proposal and that the statements contained in its Bidder's Proposal and in this Acknowledgement are true and correct.

COMPLETE APPLICABLE SECTION ONLY

1. **Corporation**

The Bidder is a corporation that is organized and existing under the laws of the State of Illinois, that is qualified to do business in the State of Illinois, and that is operating under the legal name of Triggi Construction, Inc..

The officers of the corporation are as follows:

TITLE	NAME	ADDRESS
President	Giovanni Difruscolo	St Charles, IL
Vice President		
Secretary	Marisa Desario	Batavia, IL
Treasurer	Vito Desario	St Charles, IL

2. **Partnership**

The Bidder is a partnership that is organized, existing and registered under the laws of the State of _____ pursuant to that certain Partnership Agreement dated as of ____/____/_____ that is qualified to do business in the State of Illinois, and that is operating under the legal name of _____.

The general partners of the partnership are as follows:

NAME	ADDRESS

BIDDER'S PROPOSAL ACKNOWLEDGEMENT

3. **Individual**

The Bidder is an individual whose full name is _____ whose residence address is and whose business address is _____. If operating under a trade or assumed name said trade or assumed name is as follows:

_____**[NAME].**

4. **Joint Venture**

The Bidder is a joint venture that is organized and existing under the laws of the State of _____ pursuant to that certain Joint Venture Agreement dated as of _____/_____/_____ that is qualified to do business in the State of Illinois, and that is operating under the legal name of _____.

The signatories to the aforesaid Joint Venture Agreement are as follows:

NAME (and ENTITY TYPE)	**ADDRESS**
_____(__)	_____
_____(__)	_____
_____(__)	_____

DATED this _____ day of _____, 20__

ATTEST:

By: Marisa Desario

Title: Marisa Desario, Secretary

BIDDER Triggi Construction, Inc.

By: _____

Title: Giovanni Difruscolo, President

Subscribed and Sworn to
Before me this 19th day
of March, 2026

_____
Notary Public

My Commission Expires: 02/05/2028

[SEAL]

OFFICIAL SEAL
ARTHUR W MERKELZ III
Notary Public, State of Illinois
Commission No. 986503
My Commission Expires February 5, 2028

BIDDER'S PROPOSAL
WORK HISTORY

CITY OF HIGHLAND PARK - DEPARTMENT OF PUBLIC WORKS
CONTRACT FOR THE
2026 CONCRETE STREET & SIDEWALK REPAIR PROGRAM

BIDDER'S SWORN WORK HISTORY STATEMENT

Giovanni Difruscolo ("***Deponent***"), being first duly sworn on oath, deposes and states that all statements made in this Sworn Work History Statement are made on behalf of the undersigned Bidder in support of its Bidder's Proposal for the above Contract and that Deponent is authorized to make them.

Deponent also deposes and states that Bidder has carefully prepared, reviewed, and checked this Sworn Work History Statement and that the statements contained in this Sworn Work History Statement are true and correct.

IF NECESSARY FOR FULL DISCLOSURE, ADD SEPARATE SHEETS

JOINT VENTURES MUST SUBMIT SEPARATE SWORN WORK HISTORY STATEMENTS FOR THE JOINT VENTURE AND FOR EACH SIGNATORY TO THE JOINT VENTURE AGREEMENT

1. **Nature of Business**

State the nature of Bidder's business: road construction

2. **Composition of Work**

During the past three years, Bidder's work has consisted of:

25 % Federal	75 % As Contractor	50 % Bidder's Forces
75 % Other Public	25 % As Subcontractor	25 % Subcontractors
____ % Private		25 % Materials

3. **Years in Business**

State the number of years that Bidder, under its current name and organization, has been continuously engaged in the aforesaid business: 44 years

4. **Predecessor Organizations**

If Bidder has been in business under its current name and organization for less than five years, list any predecessor organizations:

NAME	ADDRESS	YEARS

BIDDER'S PROPOSAL
WORK HISTORY

5. **Business Licenses**

List all business licenses currently held by Bidder:

ISSUING AGENCY	TYPE	NUMBER	EXPIRATION
None			

6. **Related Experience**

List three projects most comparable to the Work completed by Bidder, or its predecessors, in the past five years:

	PROJECT ONE	PROJECT TWO	PROJECT THREE
Owner Name	Highland Park	Maywood	Wheaton
Owner Address	1150 Half Day Rd Highland Park, IL 60035	40 Madison Street Maywood, IL 60153	303 W Wesley St, POB 727 Wheaton, IL 60187-0727
Reference	Edgar Joves	Bill Peterhansen w/EHE	Breanne Maucieri
Telephone Number	847/926-1145	708/865-0300	630/260-2023
Type of Work	Project #8429192 2023 Conc Street & Sidewalk Repair	2024 Roadway Imp and Various other Projects	2024 Concrete Panel Replacement Program

	PROJECT ONE	PROJECT TWO	PROJECT THREE
Contractor (If Bidder was) (Subcontractor)			
Amount of Contract	$610,000	$1,633,000	$157,500
Date Completed	2023	2024	2024

DATED this 19th day of March, 2026

ATTEST:

By: Marisa Desario

Title: Marisa Desario, Secretary

BIDDER

By: Giovanni Difruscolo

Title: Giovanni Difruscolo, President

Subscribed and Sworn to
Before me this 19th day
of March, 2026

My Commission Expires: 02/05/2028

Notary Public

OFFICIAL SEAL
ARTHUR W MERKELZ III
Notary Public, State of Illinois
Commission No. 986503
My Commission Expires 02/05/2028

[SEAL]

SEE GENERAL INSTRUCTIONS TO BIDDERS, SECTION 7, FOR SIGNATURE REQUIREMENTS

5385236_v1

CITY OF HIGHLAND PARK

2026 CONCRETE STREET & SIDEWALK REPAIR PROGRAM

PROJECT/CONTRACT #10099427

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that ***[FULL NAME, ADDRESS AND ORGANIZATION OF CONTRACTOR]***, as Principal, hereinafter called Contractor, and ***[FULL NAME AND ADDRESS OF SURETY]***, as Surety, a corporation organized and existing under the laws of the State of ***[INCORPORATION]***, hereinafter called Surety, are held and firmly bound unto the CITY OF HIGHLAND PARK, 1707 St. Johns Avenue, Highland Park, Illinois 60035, as Obligee, hereinafter called Owner, in the full and just sum of ***[CONTRACT PRICE]*** Dollars ($***[CONTRACT PRICE]***), for the payment of which sum of money well and truly to be made, Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, said amount to include payment of actual costs and damages and for attorneys' fees, architectural fees, design fees, engineering fees, accounting fees, testing fees, consulting fees, administrative costs, court costs, interest and any other fees and expenses resulting from or incurred by reason of Contractor's failure to promptly and faithfully perform its contract with Owner, said contract being more fully described below, and to include attorneys' fees, court costs and administrative and other expenses necessarily paid or incurred in successfully enforcing performance of the obligation of Surety under this bond.

WHEREAS, Contractor has entered into a written agreement dated ***[DATE OF CONTRACT AGREEMENT]***, with Owner entitled "Contract Agreement Between City of Highland Park and ***[CONTRACTOR'S NAME]*** for the Construction of ***[NAME OF WORK]*** - Contract ***[NO.]***" (the "Contract"), the terms and conditions of which are by this reference incorporated herein as though fully set forth herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT if Contractor shall well, truly, and promptly perform all the undertakings, covenants, terms, conditions, and agreements of said Contractor under the Contract, including, but not limited to, Contractor's obligations under the Contract: (1) to provide, perform and complete at the Work Site and in the manner specified in the Contract all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data, and other means and items necessary for the construction and installation of the ***[NAME OF WORK]***, together with related attachments, equipment, and appurtenances thereto; (2) to procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in the Special Conditions of Contract; (3) to procure and furnish all bonds and certificates and policies of insurance specified in the Contract; (4) to pay all applicable federal, state, and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform, and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by and pursuant to, the Contract; all of which is herein referred to as the "Work," whether or not any of said Work enter into and become component parts of the improvement contemplated, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

Surety, for value received, hereby stipulates and agrees that no changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances on the part of either Owner or Contractor to the other in or to the terms of said Contract; in or to the schedules, plans, drawings, or specifications; in or to the method or manner of performance of the Work; in or to Owner-furnished

facilities, equipment, materials, services, or sites; or in or to the mode or manner of payment therefor, shall in any way release Contractor and Surety or either or any of them, or any of their heirs, executors, administrators, successors, or assigns, or affect the obligations of Surety on this bond, all notice of any and all of the foregoing changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances, and notice of any and all defaults by Contractor or of Owner's termination of Contractor being hereby waived by Surety.

Notwithstanding anything to the contrary in the foregoing paragraph, in no event shall the obligations of Surety under this bond in the event of Contractor's default be greater than the obligations of Contractor under the Contract in the absence of such Contractor default.

In the event of a default or defaults by Contractor, Owner shall have the right to take over and complete the Contract upon 30 calendar days' written notice to Surety, in which event Surety shall pay Owner all costs incurred by Owner in taking over and completing the Contract.

At its option, Owner may instead request that Surety take over and complete the Contract, in which event Surety shall take reasonable steps to proceed promptly with completion no later than 30 calendar days from the date on which Owner notifies Surety that Owner wants Surety to take over and complete the Contract.

Owner shall have no obligation to actually incur any expense or correct any deficient performance of Contractor in order to be entitled to receive the proceeds of this bond.

No right of action shall accrue on this bond to or for the use of any person or corporation other than Owner or the heirs, executors, administrators, or successors of Owner.

Signed and sealed this ___ day of _____, 20___.

Attest/Witness:	PRINCIPAL: ***[NAME OF CONTRACTOR]***
By: _____	By: _____ ***[NAME OF CONTRACTOR'S EXECUTING OFFICER]***
Title: _____	Title: ***[TITLE OF CONTRACTOR'S EXECUTING OFFICER]***
Attest/Witness:	SURETY: ***[NAME OF SURETY]***
By: _____	By: _____
Title: _____	Title: _____
	Telephone: _____

CITY OF HIGHLAND PARK

2026 CONCRETE STREET & SIDEWALK REPAIR PROGRAM

PROJECT/CONTRACT #10099427

LABOR AND MATERIAL PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that ***[FULL NAME, ADDRESS AND ORGANIZATION OF CONTRACTOR]***, as Principal, hereinafter called Contractor, and ***[FULL NAME AND ADDRESS OF SURETY]***, as Surety, a corporation organized and existing under the laws of the State of ***[INCORPORATION]***, hereinafter called Surety, are held and firmly bound unto the CITY OF HIGHLAND PARK, 1707 St. Johns Avenue, Highland Park, Illinois 60035, as Obligee, hereinafter called Owner, for the use and benefit of itself and of claimants as hereinafter defined, in the full and just sum of ***[CONTRACT PRICE]*** Dollars ($***[CONTRACT PRICE]***), to be paid to it or the said claimants or its or their assigns, to which payment well and truly to be made Contractor and Surety bind themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents, said amount to include attorney's fees, court costs, and administrative and other expenses necessarily paid or incurred in successfully enforcing performance of the obligation of Surety under this bond.

WHEREAS, Contractor has entered into a written agreement dated ***[DATE OF CONTRACT AGREEMENT]***, with Owner entitled "Contract Agreement Between City of Highland Park and ***[CONTRACTOR'S NAME]*** for the Construction of ***[NAME OF WORK]*** - Contract ***[NO.]***" (the "Contract"), the terms and conditions of which are by this reference incorporated herein as though fully set forth herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT if Contractor shall promptly pay or cause to be paid all sums of money that may be due to any claimant with respect to Contractor's obligations under the Contract: (1) to provide, perform, and complete at the Work Site and in the manner specified in the Contract all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data, and other means and items necessary for the construction and installation of the ***[NAME OF WORK]***, together with related attachments, equipment, and appurtenances thereto; (2) to procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in the Special Conditions of Contract; (3) to procure and furnish all bonds and certificates and policies of insurance specified in the Contract; (4) to pay all applicable federal, state, and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform, and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by and pursuant to, the Contract; all of which is herein referred to as the "Work," whether or not any of said Work enter into and become component parts of the improvement contemplated, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

For purpose of this bond, a claimant is defined as one having a direct contract with Contractor or with a subcontractor of Contractor to provide, perform or complete any part of the Work.

Contractor and Surety hereby jointly and severally agree that every claimant who has not had all just claims for the furnishing of any part of the Work paid in full, including, without limitation, all claims for amounts due for materials, lubricants, oil, gasoline, rentals of, or service or repairs on, machinery, equipment, and tools consumed or used in connection with the furnishing of any part of the Work, may sue

on this bond for the use of such claimant, may prosecute the suit to final judgment for such sum or sums as may be justly due such claimant, and may have execution therein; provided, however, that Owner shall not be liable for the payment of any costs or expenses of any such suit. The provisions of 30 ILCS 550/1 and 30 ILCS 550/2 shall be deemed inserted herein, including the time limits within which notices of claim must be filed and actions brought under this bond.

Contractor and Surety hereby jointly agree that Owner may sue on this bond if Owner is held liable to, or voluntarily agrees to pay, any claimant directly, but nothing in this bond shall create any duty on the part of Owner to pay any claimant.

Surety, for value received, hereby stipulates and agrees that no changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances on the part of Owner or Contractor to the other in or to the terms of said Contract; in or to the schedules, plans, drawings, or specifications; in or to the method or manner of performance of the Work; in or to Owner-furnished facilities, equipment, materials, services, or sites; or in or to the mode or manner of payment therefor shall in any way release Contractor and Surety or either or any of them, or any of their heirs, executors, administrators, successors, or assigns, or affect the obligations of said Surety on this bond, all notice of any and all of the foregoing changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances and notice of any and all defaults by Contractor or of Owner's termination of Contractor being hereby waived by Surety.

Signed and sealed this ___ day of _____, 20___.

Attest/Witness:

PRINCIPAL: ***[NAME OF CONTRACTOR]***

By: _____

By: _____
[NAME OF CONTRACTOR'S EXECUTING OFFICER]

Title: _____

Title: ***[TITLE OF CONTRACTOR'S EXECUTING OFFICER]***

Attest/Witness:

SURETY: ***[NAME OF SURETY]***

By: _____

By: _____

Title: _____

Title: _____

Telephone: _____

Illinois Department of Transportation

Certificate of Eligibility

Contractor No 6051

Triggi Construction, Inc.
P.O. Box 235 West Chicago, IL 60186-0235

WHO HAS FILED WITH THE DEPARTMENT AN APPLICATION FOR PREQUALIFICATION STATEMENT OF EXPERIENCE, EQUIPMENT AND FINANCIAL CONDITION IS HEREBY QUALIFIED TO BID AT ANY OF DEPARTMENT OF TRANSPORTATION LETTINGS IN THE CLASSES OF WORK AND WITHIN THE AMOUNT AND OTHER LIMITATIONS OF EACH CLASSIFICATION, AS LISTED BELOW, FOR SUCH PERIOD AS THE UNCOMPLETED WORK FROM ALL SOURCES DOES NOT EXCEED $39,094,000.00

001	EARTHWORK	$1,350,000
012	DRAINAGE	$350,000
017	CONCRETE CONSTRUCTION	$9,800,000

THIS CERTIFICATE OF ELIGIBILITY IS VALID FROM 5/29/2025 TO 4/30/2026 INCLUSIVE, AND SUPERSEDES ANY CERTIFICATE PREVIOUSLY ISSUED, BUT IS SUBJECT TO REVISION OR REVOCATION, IF AND WHEN CHANGES IN THE FINANCIAL CONDITION OF THE CONTRACTING FIRM OR OTHER FACTS JUSTIFY SUCH REVISIONS OR REVOCATION.
ISSUED AT SPRINGFIELD, ILLINOIS ON 5/29/2025.

Engineer of Construction

ATTACHMENT B

SPECIAL PROVISIONS - GENERAL

1 - Forms of Special Provisions

Omissions of words or phrases such as "the contractor shall," "in conformance with," "shall be," "as noted on the plans," "according to the plans," "a," "the," and "all" are intentional, and the Contractor must supply omitted words or phrases by inference.

2 - Notice to Proceed

The Contractor shall proceed with the work and in the time set forth according to the conditions as outlined in the Invitation for Bids.

3 - Minor Work

Any minor work not specifically mentioned in the specifications or shown on the plans, but obviously necessary for proper completion of the work, shall be considered as being a part of and included in the contract, shall be executed in the proper manner and the Contractor shall not be entitled to extra or additional compensation for the same.

4 - Waste Sites

All waste material shall be hauled to a site of the Contractor's choice. Cost of disposal of same will be included in the contract cost and not paid by the City as a separate item.

5 - Working Days

Except for such work as may be required to properly maintain lights and barricades, no work will be permitted on Sunday, legal holidays, or weekdays between 7:00 p.m. and 7:00 a.m. On Saturdays, no work shall begin before 9:00 a.m. or continue after 5:00 p.m. without specific written permission of the Engineer.

If work outside of normal working day hours is necessary, payment at 1.5 times the salary and benefits of the City inspector shall be payable to the City. Reasonable delays due to weather or conditions beyond the control of the City or Contractor may not require payment.

6 - Codes and Standards

The "Standard Specifications for Road and Bridge Construction" prepared by the State of Illinois, Department of Transportation and adopted by said Department January 1, 2016, the Supplemental Specifications and Recurring Special Provisions adopted by said Department January 1, 2020 and the latest Standard Specifications for Traffic Control Items, prepared by said Department shall govern the construction of the proposed improvement insofar as applicable and except as modified herein; said specifications shall hereinafter be referred to as the "Standard Specifications." The following regulations or the latest revisions thereof are adopted by reference and the Contractor shall be responsible for conformance to same:

1. "Highland Park Building Code"
2. "Illinois Manual of Uniform Traffic Control Devices"

The following special provisions supplement these specifications, and in case of conflict, the special provisions shall take precedence and shall govern:

Division 1. Add the following articles to Section 101 of the State Standard Specifications –

Definition of Terms:

Art. 101.14 Department

The terms ", Council, City Council, Municipality" or other words used to describe the Awarding Authority in these documents and the Standard Specifications shall be interpreted to mean the City Council of the City of Highland Park.

Art. 101.39Roadway

Shall also include "Street, Parking Lots, Public Easements, Approaches," and shall be construed to mean the entire area defined in Art. 101.35.

7 - Water from the City of Highland Park

Water for construction purposes may be available from the City. The City's first preference is that the Contractor obtain water from the Public Works yard at 1150 Half Day Road. A water use permit must be taken out by the contractor without fee. If obtaining water from the Public Works yard is not practical then water from a City fire hydrant may be available. The City will dictate which hydrant may be used by the Contractor. A City meter is required to connect to a hydrant and a deposit is required prior to issuance of the meter. Upon completion of use of water the meter must be returned to the City in good condition. Meters damaged by the Contractor will be either repaired or replaced at the Contractor's expense.

8 - Access

The Contractor shall conduct his operation so that access to existing homes and businesses are maintained.

9 - Construction Schedule

Prior to commencing construction operations, the Contractor or his authorized representative shall meet with the Engineer of the City of Highland Park and present, in writing, his proposed construction schedule. Said schedule shall contain such information as the Engineer deems necessary, particularly in regard to location and date of starting construction, location of off-site disposal areas and access routes to be used, and when various phases of the work (including restoration) will be completed.

10 - Conduct of Construction Operations

Cooperation shall be extended by the Contractor to notify homeowners and businesses as to when direct vehicular access to their property will be curtailed and approximate length of time of such curtailment and directions where to park. Written notification will be given to all effected properties 48 hours prior to access curtailment. A sample letter shall be provided to the Engineer at the time of the pre-construction meeting.

Heavy construction vehicles will not be permitted to cross over curbs or use private driveways for turnarounds. Any damage to parkways, curbs, and driveways caused by the Contractor's operations will be repaired at his expense.

11 - Sanitary Facilities & Rubbish Control

The Contractor shall provide suitable toilet facilities at the job site in a location approved by the Engineer. The facility shall be approved by the City and shall be kept in a clean and sanitary condition. Sanitary Sewer manholes used for toilet facilities shall be cleaned and flushed upon removal of temporary toilet facilities.

During construction, the premises shall be kept clean of rubbish, paper and other debris. A suitable refuse container shall be provided in the vicinity of the parking area for disposal of lunch wrappings and garbage. The refuse contained shall be emptied regularly.

12 - Tree Trimming

All tree trimming, pruning and repair of wound surfaces shall be at the Contractor's expense and under the supervision of the City Forester. The Contractor shall provide proper tree guards to protect trees from

damage due to construction equipment and operations. The Contractor shall provide all labor and materials required, and the cost thereof shall be incidental to the contract. All dead trees within the right of way of the improvement shall be removed and shall be paid for at the contract unit price listed in the proposal.

13 - Construction Safety

The Contractor shall take all precautions necessary to protect the general public and his workmen from hazardous locations that might occur within the limits of the improvement. All trench openings and other construction openings extending below the pavement subgrade shall be fenced off with an adequately supported four-foot high snow fence at all times when actual construction is not in progress at the opening location.

The duty of the Engineer to inspect all work done and materials furnished and to suspend any work that is being improperly performed does not include review or approval of the adequacy of the contractor's safety measures, methods and bracing of excavated trenches in, on or near the construction site.

14 - Bracing and Sheeting

It shall be the contractor's responsibility to protect open cut trenches as may be required by state or federal law, as may be necessary to protect life, property, or the work. Trenches in the pavements or in close proximity to improved streets or roadways shall be sheeted or braced in a substantial and effective manner. Sheeting may be removed after backfilling has been completed to such elevation as to permit its safe removal. Sheeting and bracing left in place must be removed for a distance of three feet below the established street grade. The cost of furnishing, placing and removing sheeting and bracing shall be incidental to construction, and included in the contract unit price for the work being done.

15 - Potable Water Lines

Any work performed on a potable water supply **shall be done under the direction of a plumber licensed by the State of Illinois.** The contractor shall furnish the Engineer with the plumber's license number prior to starting any work on any potable water supply.

16 - Protection of Utilities

In excavating trenches and laying pipe, all existing utilities, including water pipes and services, sewer pipes and services, gas pipes and services, electric or telephone transmission pole lines, cable or conduits, shall be protected, supported, maintained in service and restored to the condition in which they were found, all at no extra remuneration. Where any utility facility, including service connections, is endangered or damaged by the work, the utility management shall be notified by the contractor, and the contractor shall cooperate with the utility and pay the cost of protection and repair, if damaged. The engineers have endeavored to locate subsurface obstructions from field surveys and available records, and known structures are shown on the plans or notice given of their presence. While the work was carefully done, the accuracy of the information cannot be guaranteed. Invert elevations of sanitary and storm sewers have been obtained from field surveys; where possible, elevations are shown on the plans. Wherever the contractor deems it necessary to determine the exact location of existing pipe, valve, or other underground structures, the contractor may make any examinations that he may determine desirable in advance of the work. No added compensation will be paid therefore.

END OF SPECIAL PROVISIONS – GENERAL

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Illinois Department of Transportation

Check Sheet for Recurring Special Provisions

Local Public Agency	County	Section Number
CITY OF HIGHLAND PARK	Lake	

☐ **Check this box for lettings prior to 01/01/2026**

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

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Local Public Agency	County	Section Number
CITY OF HIGHLAND PARK	Lake ATTACHMENT A-1	

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

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SCOPE OF WORK (CONCRETE STREET & SIDEWALK REPAIR)

Work in this contract includes PCC Pavement Repairs (Class B Patches), PCC Sidewalk Repairs, Combination Concrete Curb and Gutter removal and replacement, miscellaneous PCC Driveway repairs, drainage structure adjustments, miscellaneous Warm-Mix Asphalt (WMA) Driveway repairs, minor landscape restoration with topsoil and sod, and all incidental work necessary to complete these improvements in accordance with the Contract Documents.

PROJECT LOCATION (CONCRETE STREET & SIDEWALK REPAIR)

The work shall be performed at various locations throughout the City of Highland Park. The list below provides the locations within the City included in this contract. The locations may be modified at the discretion of the City Engineer.

PCC Pavement Repairs

Street	From	To	Side of Street	Comments
Cavell Ave	Park Ave	Berkeley Rd	East & West	All Lanes
Centennial Ln	Lexington Ln	Parkside Dr	North & South	All Lanes
Old Briar Rd	Magnolia Ln	Red Oak Ln	North & South	All Lanes

PCC Sidewalk Repairs

Street	From	To	Side of Street	Comments
Heather Ln.	Winthrop Rd.	Winthrop Rd.	East & West, North & South	764 SQ FT of sidewalk selected for replacement
Sumac Rd.	Barberry Rd.	Clavey Rd.	East & West	1,170 SQ FT of sidewalk selected for replacement
Barberry Rd.	Ridge Rd.	Clavey Rd.	North & South, East & West	1,457 SQ FT of sidewalk selected for replacement

CONTRACT SEQUENCING

The Contractor shall notify the City at least 72 hours in advance of beginning work. Construction operations shall be conducted in a manner such that streets will remain open to all traffic. At no time shall residents or business owners be kept out of their driveway over a weekend or holiday as defined in article 107.09 of the Standard Specifications.

Work shall be scheduled so that it is continuous on the various roadways and within each municipality. The Contractor and approved Subcontractor(s) shall, at all times, employ and provide sufficient labor, tools, equipment, and other incidental items for prosecuting the work to full completion in the manner and time required by the contract. Furthermore, article 440.04 shall be revised to read as follows: 'Milled or removed pavement shall be resurfaced within five (5) calendar days.'

COMPLETION DATE PLUS WORKING DAYS

Effective: April 13, 2022

Revise Article 108.05 (b) of the Standard Specifications as follows:

"When a completion date plus working days is specified, the Contractor shall complete all contract items and safely open all roadways to traffic by 11:59 PM on, ***June 26, 2026*** except as specified herein. The Contractor shall be allowed to complete all clean-up work and punch list items within 10 working days after the completion date for opening the roadway to traffic.

Under extenuating circumstances the Engineer may direct that certain items of work, not affecting the safe opening of the roadway to traffic, may be completed within the working days allowed for cleanup work and punch list items. Temporary lane closures for this work may be allowed at the discretion of the Engineer.

Article 108.09 or the Special Provision for "Failure to Complete the Work on Time", if included in this contract, shall apply to both the completion date and the number of working days.

HP-001 - DRIVEWAY ACCESS, SPECIAL MOBILITY NEEDS

Effective: January 1, 2020

Description. There are residents who have special mobility needs within the project limits. This work shall consists of limiting disruption of access to driveways or maintaining access to driveways that serve these residents where disruption of access cannot occur for extended periods of time.

Materials. The materials shall be according to:

- Section 1003 or;
- Section 1004 or;
- Section 1006 or;
- ASTM A36 Grade 36 or;
- ASTM A572 or;
- Or as approved by the Engineer.

Equipment. The equipment shall be capable of completing the necessary work in an efficient and safe manner, as approved by the Engineer.

Construction Requirements. At the City's request the Contractor shall provide the City for our review and approval with a written plan to maintain access at these locations. The plan may include furnishing and installing steel plates to maintain access. Steel plates shall have a minimum thickness of one-half (1/2) inch or as required to span the required distance. Other items may include providing additional aggregate so access can be maintained while concrete items cure.

Method of Measurement. This work will be measured for at the contract price per each for **DRIVEWAY ACCESS, SPECIAL MOBILITY NEEDS**.

Basis of Payment. This item will be paid for at the contract price per each for **DRIVEWAY ACCESS, SPECIAL MOBILITY NEEDS**, which price shall include all materials, labor and equipment to install items required for this work and for removal of such items when those items are no longer required.

HP-003 – PROGRESS MEETINGS
Effective: January 1, 2020
Revised: January 1, 2023

Weekly progress meetings will be held with the City and the Contractor. The City will send written notification to the Contractor informing him of the date, time and location of the progress meeting. The Contractor's superintendent or staff member responsible for the work shall be present at the meeting.

At the City's discretion, the meetings may be held on-site. If the meetings are not held on-site, the City will provide information to hold a virtual meeting via Zoom.

At each meeting, the Contractor shall provide the City with a construction schedule. The construction schedule will show future work planned for a two (2) week period out from the date of the progress meeting. In addition, the contractor will provide the City with an update on work completed the week prior to the progress meeting.

HP-005 COMMENCEMENT DATE WITH FINE FOR FAILURE TO COMPLY
Effective: January 1, 2020

The Contractor shall commence construction on ***April 27, 2026*****.** For each calendar day, exclusive of Saturday, Sunday or a Holiday (including Holidays noted by the City's Ordinance) that elapses without work the contractor shall be assessed fines in the amount of *$750.00* per calendar day.

There may be times when work cannot be performed, such as when inclement weather prevents work from being performed. When this occurs, the Contractor shall bring this in writing to the City Engineer's attention so a determination can be made if work cannot occur. When work is not performed either due to inclement weather or as determined by the City Engineer or when a Holiday takes place, fines will not be assessed.

HP-006 - NOTIFICATION TO THE CITY FOR DRIVEWAY ACCESS WITH FINE FOR FAILURE TO COMPLY
Effective: January 1, 2020

When the work will interrupt access to a driveway the Contractor shall notify the City in writing by 8 a.m., Monday through Friday, **72 hours in advance of this work beginning.** A separate or new notification will be provided if work is not possible due to an item such as inclement weather. **Failure to notify the City within the period noted prior to commencement of this work will result in fines being assessed upon the contractor in the amount of $300.00 per driveway for each 24 hour period that elapses.** Such fines will be deducted, accordingly, from a Progress Payment due to the contractor.

No closure of driveways will be allowed without prior notification. At the Weekly Progress Meeting, the driveway access and closure will be discussed. It is the Contractor's responsibility to notify the City of the plan. Not all driveways will be allowed to close due to mobility issues of the residents. Delays caused by Contractor due to this action will be counted as a working day. No additional contract days will be allowed.

HP-007 - OPENING DRIVEWAYS FOR VEHICULAR ACCESS WITH FINE FOR FAILURE TO COMPLY
Effective: January 1, 2020

The work shall consist of reconstructing concrete curbs, concrete driveway aprons and concrete sidewalks in areas of existing driveways where the work disrupts vehicular access to the driveway. Work includes of removing existing deteriorated concrete as field marked by the City and construction of new concrete to repair the marked areas.

The work shall be done in accordance with Sections 202, 423, 424 and 440 of the Standard Specifications. PP-1 or another mix as approved by the City shall be used to accelerate curing of the concrete.

The Contractor shall sequence the work in a manner to expeditiously complete this portion of the work with a minimum disruption of vehicular access to the driveway.

The total work effort is to be completed in five (5) calendar days, excluding Sundays and adverse weather days. At the end of the five calendar day period vehicular access shall be restored to the driveway and the contractor shall remove traffic control devices that restrict the driveway access.

Failure by the contractor to complete the work and remove the traffic control devices in the specified five (5) calendar days will result in fines being assessed upon the contractor in the sum of $300 per calendar day per driveway.

Such fines will be deducted, accordingly, from a Progress Payment due to the contractor.

HP-008 - PRE-CONSTRUCTION MEETING
Effective: January 1, 2020
Revised: January 5, 2022

Prior to commencing any construction operations, there shall be a pre-construction meeting. The Owner or Engineer will set the time and date of the meeting after execution of the contract by both parties, and the City will provide information to hold a virtual meeting via zoom.

The Contractor shall submit the following items for City review and approval at least (24) hours before the pre-construction meeting:

- A Progress Schedule
- The names and qualifications of the Contractor's designated Project Superintendent and Alternate Project Superintendent. See contract special provision no. HP-033 for submittal requirements.
- The 24-hour emergency phone number, field phone number, pager number, and cellular phone number of the Contractor's superintendent and alternate superintendent.
- The name and 24-hour emergency telephone number of the person in the direct employ of the Contractor who is responsible for administrating the Traffic Control and Protection for the Contract
- A list of subcontractors with contact names, addresses, and phone numbers. Also, include quantity and type of work to be sublet.
- A list of material suppliers with contacts and phone numbers.
- A list of mix designs for concrete and bituminous items to be incorporated in the Contract.

HP-009 - CITY OF HIGHLAND PARK - WARM MIX ASPHALT
Effective: January 1, 2020

Description. This work shall consist of designing, producing and constructing Warm Mix Asphalt (WMA) in lieu of Hot Mix Asphalt (HMA). Work shall be according to Sections 406, 407, 408, 1030, and 1102 of the Standard Specifications, except as modified herein. In addition, any references to HMA in the plans, the Standard Specifications, or the special provisions shall be construed to include WMA.

WMA is an asphalt mixture which can be produced at temperatures lower than allowed for HMA utilizing approved WMA technologies. WMA technologies are defined as the use of additives or processes which allow a reduction in the temperatures at which HMA mixes are produced and placed. WMA is produced by the use of additives, a water foaming process, or combination of both. Additives include minerals, chemicals or organics incorporated into the asphalt binder stream in a dedicated delivery system. The process of foaming injects water into the asphalt binder stream, just prior to incorporation of the asphalt binder with the aggregate.

Approved WMA technologies may also be used in HMA provided all the requirements specified herein, with the exception of temperature, are met. However, asphalt mixtures produced at temperatures in excess of 275 °F (135 °C) will not be considered WMA when determining the grade reduction of the virgin asphalt binder grade.

Equipment.

Revise the first paragraph of Article 1102.01 of the Standard Specifications to read:

"**1102.01 Hot-Mix Asphalt Plant.** The hot-mix asphalt (HMA) plant shall be the batch-type, continuous-type, or dryer drum plant. The plants shall be evaluated for prequalification rating and approval to produce HMA according to the current Bureau of Materials and Physical Research Policy Memorandum, "Approval of Hot-Mix Asphalt Plants and Equipment". Once approved, the Contractor shall notify the Bureau of Materials and Physical Research to obtain approval of all plant modifications. The plants shall not be used to produce mixtures concurrently for more than one project or for private work unless permission is granted in writing by the Engineer. The plant units shall be so designed, coordinated and operated that they will function properly and produce HMA having uniform temperatures and compositions within the tolerances specified. The plant units shall meet the following requirements."

Add the following to Article 1102.01(a) of the Standard Specifications.

"(11) Equipment for Warm Mix Technologies.

a. Foaming. Metering equipment for foamed asphalt shall have an accuracy of ± 2 percent of the actual water metered. The foaming control system shall be electronically interfaced with the asphalt binder meter.

b. Additives. Additives shall be introduced into the plant according to the supplier's recommendations and shall be approved by the Engineer. The system for introducing the WMA additive shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes."

Mix Design Verification.

Add the following to Article 1030.04 of the Standard Specifications.

"(e) Warm Mix Technologies.

(1) Foaming. WMA mix design verification will not be required when foaming technology is used alone (without WMA additives). However, the foaming technology shall only be used on HMA designs previously approved by the Department.

(2) Additives. WMA mix designs utilizing additives shall be submitted to the Engineer for mix design verification."

Construction Requirements.

Revise the second paragraph of Article 406.06(b)(1) of the Standard Specifications to read:

"The HMA shall be delivered at a temperature of 250 to 350 °F (120 to 175 °C). WMA shall be delivered at a minimum temperature of 215 °F (102 °C)."

Basis of Payment.

This work will be paid at the contract unit price bid for the WMA pay items involved, unless indicated otherwise in the plans. Anti-strip will not be paid for separately, but shall be considered as included in the cost of the work.

HP-012 - CONSTRUCTION WORK PERIODS
Effective: January 1, 2020
Revised: January 1, 2026

Except for such work as may be required to properly maintain lights and barricades, no work will be permitted on Sunday, legal holidays, or weekdays between 7:00 p.m. and 7:00 a.m. On Saturdays, no work shall begin before 9:00 a.m. or continue after 5:00 p.m. without specific permission of the Engineer.

Upon prior written approval of the City, the contractor may work during the hours otherwise prohibited pursuant to the preceding paragraph. Such approval will be conditioned upon the agreement of the contractor to pay to the City 1.5 times the salary and benefits of any City Engineering Inspector required to work as a result of such approval.

Without specific permission of the City Engineer (City of Highland Park) and except for such work as may be required to properly maintain lights and barricades, no work will be permitted on:

A. Weekdays between 7:00 p.m. and 7:00 a.m.
B. Saturdays between 9:00 a.m. and 5:00 p.m.
C. Sundays
D. Holidays listed below:

	Holiday	Date Observed
1	New Year's Day	01/01/2026
2	Martin Luther King Jr Day	01/19/2026
3	Passover (beg. sundown 4/1/26)	04/02/2026
4	Memorial Day	05/25/2026
5	Independence Day	07/04/2026
6	Labor Day	09/07/2026
7	Rosh Hashanah (beg. sundown 9/11/2026)	09/12/2026
8	Yom Kippur (beg. sundown 9/20/2026)	09/21/2026
9	Veterans Day	11/11/2026
10	Thanksgiving Day	11/26/2026
11	Hanukkah (beg. sundown 12/4/2026)	12/05/2026
12	Christmas	12/25/2026

HP-013 - USE OF FIRE HYDRANTS
Effective: January 1, 2020
Revised: March 4, 2024

No use of City fire hydrants shall be permitted without obtaining a hydrant meter from the City.

The Contractor shall contact the City's Finance Department (847.432.0800) to make arrangements to make a refundable deposit of **$3,000** to the City.

After City receives and accepts the deposit, the Contractor may acquire the meter from the Public Works Department at 1150 Half Day Road, Highland Park IL 60035. The individual to contact will be provided to the Contractor at the preconstruction meeting.

When the meter is no longer needed the Contractor shall contact the Department of Public Works to arrange to return the meter. The City will inspect the meter to verify that the hydrant meter was not damaged by the Contractor and is in good working order.

After the City determines that the meter is in good working order the Contractor may contact the City's Finance Department to make arrangements to retrieve the deposit.

HP-018 BRICK PAVER REMOVAL AND REINSTALLATION
Effective: January 1, 2020
Revised: February 22, 2022

Description. This work shall consist of removing brick pavers that are in conflict with the Contractor's work and reinstalling the brick pavers at driveway locations noted in the contract.

Materials. The Contractor shall use the existing brick pavers that were in place prior to his start of work.

Equipment. The equipment shall be capable of completing the necessary work in an efficient and safe manner, as approved by the Engineer.

Construction Requirements.

This work shall be in accordance with applicable portions of IDOT's Supplemental Specifications and Recurring Special Provisions, Adopted January 1, 2022. The Bureau of Local Roads and Streets Special Provision, PAVING BRICK AND CONCRETE PAVER PAVEMENTS AND SIDEWALKS (Check sheet #LRS14) shall apply to this work. The brick pavers that interfere with the proposed combination curb and gutter shown on the plan shall be removed up to the limits established by the Engineer and reinstalled after the proposed curb and gutter has been installed across the driveway. Any leftover bricks shall be salvaged and shall be delivered to affected homeowners. Should the homeowner not want the pavers, they shall then be disposed of offsite at the Contractor's expense.

A sub-base granular material base course shall be prepared to compacted depth of 2" and compacted, and in accordance with Section 311 of the Standard Specifications.

Sand shall be spread over granular base as a setting bed for pavers. Sand shall be spread 2" thick, and leveled to required slope and grade. Minimum thickness of sand shall be 1" after leveling. Bed shall not be compacted until pavers are installed. Surface tolerance shall be within ¼" of required grade as measured with a 10' straightedge in both transverse and longitudinal directions.

The setting bed shall be protected from damage prior to setting pavers. Unit pavers shall be set on sand setting bed. Setting shall be done by competent workmen under adequate supervision, and in accordance with manufacturer's recommendations. Pavers shall be set true to the required lines and grades in a pattern that was the same as the existing condition. Pavers shall be tightly butted. Joints between pavers shall be uniform and shall not exceed 1/8". There shall be no raised edges, either pavers or materials adjacent to pavers that could allow someone to trip. The tolerance for such edges shall be 0" – 1/8" maximum in range. After a sufficient area of pavers has been installed, the pavers shall be compacted by running a mechanical vibratory compactor over the paved surface until the pavers are uniformly leveled, true to grade, and totally immobilized. Where required, pavers shall be accurately cut with a masonry or concrete saw. Cut edges shall be plumb and straight. Scoring and breaking shall not be acceptable. Joints between pavers shall be filled by sweeping sharp sand into the joints. When joints are filled, paver surfaces shall be swept clean of sand.

Method of Measurement. This work shall be measured for work completed in place and accepted by the City per square foot.

Basis of Payment. The removal of the existing paver bricks, resetting of the paver bricks, sub-base and sand materials and installation, excavation, and related work will be paid for at the contract unit price bid per SQUARE FOOT for **BRICK PAVER REMOVAL AND REINSTALLATION**. The quantity shall be calculated as the square footage of the removed bricks to the limits as directed by the Engineer.

HP-023 - SAW CUTTING NEW CONCRETE CURB AND CONCRETE SHOULDERS
Effective: January 1, 2020
Revised: March 4, 2024

Description. This work shall consist of providing a partial depth saw cut on newly constructed concrete curb and shoulders.

Equipment. The equipment shall be according to Article 442.03.

Construction Requirements. The contractor shall perform a partial depth saw cut on newly constructed concrete curb and shoulders. The saw cut shall depth shall be 2 inches and the cut shall be completed within 4 to 24 hours after the concrete pour. The saw joint shall be sealed. Failure to perform the saw cuts could lead to unintentional cracks in the concrete. Cracked concrete items shall be removed and replaced by the contractor at his expense.

Basis of Payment. This work will not be paid for separately, but shall be included in the cost of the various pay items associated with the work in this contract.

HP-024 - JULIE NOTIFICATION

Effective: January 1, 2020

The Contractor is to call J.U.L.I.E. (1-800-892-0123 or 811), a minimum of one week in advance of work being done in the area.

The Contractor shall contact the owner of all utilities and obtain locations of all utilities within limits of the proposed construction

The Contractor will be required to cooperate with all utility companies and municipal agencies involved in connection with the removal, temporary relocation, reconstruction or abandonment by these agencies of any and all services.

No additional compensation will be allowed the Contractor for any expense incurred by complying with these requirements, or because of delays, inconvenience or interruptions in his work resulting from the failure of the municipal agencies or utility company to remove, relocate, reconstruct or abandon their services.

HP-025 - PAY ESTIMATES AND PAYMENT

Effective: January 1, 2020

When the Contractor requests payment for work completed, he/she shall submit a pay estimate directly to the City. Pay estimates shall be submitted to:

City of Highland Park
1150 Half Day Road
Highland Park, IL 60035
Attn: Rod Kovilic

Pay estimates shall be submitted by e-mail to the City's Engineering Inspector at rkovilic@cityhpil.com.

The pay estimate shall be completed using the City's approved estimate template which shall be provided to the Contractor by the City. The pay estimate shall be signed by the Contractor acknowledging that he/she is in agreement with the quantities shown in the pay estimate.

Upon review and approval by the City the pay estimate shall be submitted to the City's Finance Department for payment.

At the Contractor's discretion payments may be mailed to the Contractor's Office or the Contractor may pick up the payment in person at the City's Finance Department located at 1707 St. Johns Avenue, Highland Park IL 60035. Should the Contractor elect to pick up the payment in person the individual receiving the payment shall have sufficient and adequate proof of identification to demonstrate that he or she is authorized to receive the payment on the Contractor's behalf. The individual receiving the payment shall be 18 years of age or older.

Prior to release of each payment for each pay estimate the Contractor shall provide the City with the required Waiver of Liens and Certified Payroll. Payments will not be released until these items are received and reviewed by the City. The City's Engineering Division will notify the City's Finance Department and the Contractor when the payment may be released to the Contractor.

HP-033 - REQUIRMENT FOR FULL-TIME, ONSITE SUPERINTENDENT WITH FINE FOR FAILURE TO COMPLY
Effective: January 1, 2020
Revised: January 5, 2022

The Contractor shall have onsite, as the Contractor's agent, a competent superintendent, who shall receive instructions from the City Engineer or authorized representative. The superintendent shall have full authority to execute orders or directions of the City Engineer or authorized representative without delay, and to promptly supply such materials, equipment, tools, labor, and incidentals as may be required. Such superintendent shall be furnished by the Contractor irrespective of the amount of work being sublet. The project superintendent will be held responsible for the quality of work, and is subject to removal by the City Engineer for:

a. Non-compliance with quality requirements for the work specified in the Contract.

b. Failure to comply with the City's restrictions concerning the Contractor's performance of work as specified in the Contract.

c. Unprofessional Behavior.

This work shall be done in accordance with Section 105 of the Standard Specifications.

Submittals

At least (24) hours before the preconstruction meeting, the Contractor shall submit the name(s) and qualifications for individuals designated as 1) Project Superintendent and 2) Alternate Project Superintendent for approval by the City Engineer. The Project Superintendent and Alternate Project Superintendent qualifications shall be provided in resume format. Note: The Contractor may designate more than one (1) individual for the role of Alternate Superintendent. Only those individuals approved by the City for the role(s) Project Superintendent and Alternate Superintendent will be considered acceptable for meeting this requirement.

Qualifications

Acceptable Candidates for the role(s) of Project Superintendent and Alternate Superintendent shall possess the following minimum qualifications:

a. A minimum of five (5) years documented experience supervising the type of work being performed by Contractor under the subject contract.

b. The capability to read and thoroughly understand the Contract drawings and specifications.

c. Fluency in the English language.

Duties of the Onsite Superintendent

The Project Superintendent's duties shall include, but are not necessarily limited to, the following:

a. The project superintendent must maintain a physical presence at the project site at all times while work is being performed and is responsible for all construction and related activities at the site, except as otherwise acceptable to the City Engineer.

b. Maintain copies of approved material submittals, shop drawing submittals, work plans, project schedule, up-to-date Contract drawings and specifications, directive letters from the City, material safety data sheets, emergency contact lists, and other documentation pertaining to the contract work at the project site at all times.

c. Maintain an up-to-date copy of the working hardcopy as-built drawings at the project site at all times.

d. Schedule, coordinate, and verify all required utility locates for the project site.

e. Schedule, coordinate, and supervise all material, equipment, and vendor deliveries to the project site.

f. Ensure the Contractor's and their Subcontractor's full compliance with all applicable OSHA 29 CFR standards and regulations.

g. Ensure Contractor's and their Subcontractor's full compliance with the restrictions, workmanship and quality standards specified in the Contract documents.

h. Supervise and coordinate ALL Contractor and Subcontractor work activities at the project site. Note: the City's personnel will NOT act as foreman for the Contractor.

i. The City reserves the right at any time to contract for and perform other or additional work on or near the work covered by the contract. The Contractor's onsite superintendent shall coordinate his/her work activity so as not to interfere or hinder the progress or completion of work being performed by other contractors.

j. Attend the preconstruction meeting, pre-work meetings (as needed), and weekly progress meetings.

k. Conduct mishap investigations and mishap reporting in accordance with all applicable OSHA 29 CFR regulations and standards. A mishap is any unplanned, undesired event that occurs during the course of work being performed. The term "mishap" includes accidents, incidents, and near misses. Report all near mishaps and mishaps to the City Engineer AS SOON AS POSSIBLE, but not more than 24-hours after occurrence. The Contractor is responsible for

notifying OSHA in accordance with 29 CFR 1904.39 within 8-hours when their employee(s) is fatally injured or 1 or more persons are hospitalized as inpatients as a result of a single occurrence.

l. The City Engineer, or Engineer's authorized representative will notify the Contractor of any detected non-compliance with the Contract requirements. The onsite superintendent shall take immediate corrective action after receipt of such notice. Such notice when delivered to the Contractor's superintendent at the work site, will be deemed sufficient for the purpose of notification. If the Contractor fails or refuses to comply, the City Engineer or Engineer's authorized representative may order the stoppage of all or part of the work until satisfactory corrective action has been taken by the Contractor. No part of the time lost due to such stop orders will be made subject of claim for extension of time or for excess costs or damages by the Contractor.

m. Upon receiving notification from the City Engineer or Engineer's authorized representative, the Contractor's onsite superintendent shall immediately remove from the work site anyone who is incompetent, or who endangers persons or property, or whose physical or mental condition is such that it would impair the employee's ability to satisfactorily perform the work. Notification to the Contractor will be made in writing if time and circumstances permit. Otherwise, notification will be verbal and will be later confirmed in writing as soon as possible. No such removal, however, will reduce the Contractor's obligation to perform all work required under this contract and immediate replacement shall be made as required.

Failure to perform the above duties will result in the dismissal of the onsite Superintendent and a project work stoppage. The project work stoppage shall remain in effect pending the City's approval of a suitable replacement. No part of the time lost due to such stop orders will be made subject of claim for extension of time or for excess costs or damages by the Contractor.

Notification of Changes

After the City's acceptance of the Contractor's Project Superintendent and Alternate Superintendent, the Contractor shall notify the City Engineer in writing of any proposed personnel change. Proposed personnel changes are subject to review and acceptance by the City Engineer.

Penalty for Non-Compliance by the Contractor

Failure by the Contractor's Superintendent to maintain a full-time presence at the project site during performance of work, without prior approval by the City Engineer, will result in an immediate project work stoppage. Additionally, the Contractor will be assessed fines in the amount of $500.00 per occurrence. Such fines will be deducted, accordingly, from a Progress Payment due to the contractor. The work stoppage shall remain in effect until the deficiency is corrected to the City Engineer's satisfaction. No part of the time lost due to such stop orders will be made subject of claim for extension of time or for excess costs or damages by the Contractor.

No separate payment will be made to the Contractor for providing a full-time onsite superintendent as required under this contract. All costs in connection therewith must be considered a subsidiary obligation of the Contractor.

HP-034 - REMOVAL OF TEMPORARY SANITARY FACILITIES (PORT O JOHN) WITH FINE FOR FAILURE TO COMPLY

Effective: January 1, 2020

The work shall consist of removing temporary sanitary facilities, typically Port O Johns from the City's right of way.

Upon completion of work temporary sanitary facilities, typically Port O John units shall be removed from the City's right of way.

The City shall notify the Contractor of the location where sanitary facilities need to be removed. The Contractor shall remove the units within five (5) calendars days, excluding Sundays and holidays.

Failure by the contractor to remove the all temporary sanitary facilities in the time specified above will result in fines being assessed upon the contractor in the sum of $300 per calendar day per location.

Such fines will be deducted, accordingly, from a Progress Payment due to the contractor.

HP-035 - REMOVAL OF TRAFFIC CONTROL DEVICES WITH FINE FOR FAILURE TO COMPLY

Effective: January 1, 2020
Revised: February 18, 2021

The work shall consist of removing traffic control devices from the City's right of way.

Upon completion of work traffic control devices such as construction signage, changeable message boards and barricades shall be removed from the City's right of way.

The City shall notify the Contractor in writing of the location where traffic control devices need to be removed. The Contractor shall remove the devices within five (5) calendars days, excluding Sundays and holidays.

If the Contractor fails to remove the traffic control devices the City may at its discretion, remove the devices utilizing it the City's Operations Division to accomplish this. If the City's Operations Division removes the devices then the devices shall be relocated and stored at the City's maintenance yard located at 1180 Half Day Road in Highland Park. The Contractor shall be responsible for paying the all City's costs to remove and relocate the devices and shall be responsible for paying the City a daily storage fee of $300 per day. The storage fee shall be charged each calendar day that the devices are stored in the City's maintenance yard, regardless of weekends and holidays.

Failure by the contractor to remove the all traffic control devices in the time specified above will result in fines being assessed upon the contractor in the sums noted above per location of occurrence.

Such fines will be deducted, accordingly, from a Progress Payment due to the contractor.

HP-037 – EXCAVATION LIMITS FOR CURB OR CURB AND GUTTER, SIDEWALK, SHOULDERS, AND DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT

Effective: February 2, 2022
Revised: May 7, 2024

Description. This work shall be done in accordance with the Standard Specifications insofar as applicable.

The Contractor shall limit parkway excavation for Curb or Curb and Gutter, Sidewalk, Shoulders, and Driveway Pavement removal and replacement to within the following excavation limits:

- 24" maximum from back of curb.
- 24" maximum from back of shoulder
- 24" maximum from edge of sidewalk
- 24" maximum from edge of driveway pavement.

The Contractor is solely responsible for restoration (embankment, topsoil & sodding/seeding) of parkway areas damaged beyond the above specified limits. All costs for parkway restoration above and beyond the specified limits shall be paid for by the Contractor.

Equipment. The Contractor shall utilize properly sized equipment to prevent over digging of the parkway. The equipment shall be capable of completing the necessary work in an efficient and safe manner, as approved by the Engineer.

Construction Requirements. Storage of excavated spoils onsite is prohibited and must be removed at the end of each day.

Curb or curb and gutter or shoulder excavation/removal and replacement must be scheduled so that work is limited to one side of the street at a time. This scheduling will allow ample parking for residents who are displaced during the curb and gutter or shoulder removal and replacement process. Once access is restored for one side of the street, curb or shoulder excavation/removal can begin on the opposite side.

Basis of Payment. This work will not be paid for separately, but shall be included in the cost of various pay items associated with the work in this contract.

HP-038 – PROTECTION OF PORTLAND CEMENT CONCRETE SURFACES

Effective: February 17, 2022

Description. This work shall be done in accordance with applicable portions of Section 420, 423, 424, and 606 of the Standard Specifications except as modified herein.

The Contractor is solely responsible for protecting newly placed concrete curb or curb and gutter, sidewalk, median, pavement, and driveway pavement, and preventing the formation of weak surfaces. Weak surfaces are defined as having improper finish, rain damage, cracks, stains, tire marks, foot prints, insufficient cure, exposed voids, deleterious materials, and/or being mortar rich.

Equipment. The Contractor shall employ adequate means and methods to protect finished concrete surfaces during the curing process. The protective means and methods used by the Contractor are subject to approval by the City Engineer.

Construction Requirements. Following placement and during curing, protect the concrete from injurious action by sun, rain, flowing water, foot traffic, tire marks, mechanical injury, and oil stains. Do

not allow concrete to dry out from time of placement before expiration of the specified curing period. During the curing period, protect the concrete from damaging mechanical disturbance, particularly load stress, heavy shock, and excessive vibration.

Repair of Weak Surfaces: Concrete curb or curb and gutter, sidewalk, median, pavement and driveway pavement with weak surfaces must be removed and replaced to the limits directed by the City Engineer or the Engineer's Designated Field Representative. Full removal and replacement of the deficient concrete is the only repair method acceptable to the City. No other methods for repairing weak surfaces will be considered.

All costs for repair of weak surfaces shall be paid for by the Contractor.

Basis of Payment. This work will not be paid for separately, but shall be included in the cost of various pay items associated with the work in this contract.

HP-107-02 - CONCRETE WASHOUT FACILITY
Effective: January 1, 2020

Description: The Contractor shall take sufficient precautions to prevent pollution of streams, lakes, reservoirs, and wetlands with fuels, oils, bitumens, calcium chloride, or other harmful materials according to Article 107.23 of the "Standard Specifications".

General: To prevent pollution by residual concrete and/or the by-product of washing out the concrete trucks, concrete washout facilities shall be constructed and maintained on any project which includes cast-in-place concrete items. The concrete washout shall be constructed, maintained, and removed according to this special provision.

The concrete washout facility shall be constructed on the job site in accordance with Illinois Urban Manual practice standard for Temporary Concrete Washout Facility (Code 954). The Contractor may elect to use a pre-fabricated portable concrete washout structure. The Contractor shall submit a plan for the concrete washout facility, to the Engineer for approval, a minimum of 10 calendar days before the first concrete pour. The working concrete washout facility shall be in place before any delivery of concrete to the site. The Contractor shall ensure that all concrete washout activities are limited to the designated area.

The concrete washout facility shall be located no closer than 50 feet from any environmentally sensitive areas, such as water bodies, wetlands, and/or other areas indicated on the plans. Adequate signage shall be placed at the washout facility and elsewhere as necessary to clearly indicate the location of the concrete washout facility to the operators of concrete trucks.

The concrete washout facility shall be adequately sized to fully contain the concrete washout needs of the project. The contents of the concrete washout facility shall not exceed 75% of the facility capacity. Once the 75% capacity is reached, concrete placement shall be discontinued until the facility is cleaned out. Hardened concrete shall be removed and properly disposed of outside the right-of-way. Slurry shall be allowed to evaporate, or shall be removed and properly disposed of outside the right-of-way. The Contractor shall immediately replace damaged basin liners or other washout facility components to prevent leakage of concrete waste from the washout facility. Concrete washout facilities shall be inspected by the Contractor after each use. Any and all spills shall be reported to the Engineer and cleaned up immediately. The Contractor shall remove the concrete washout facility when it is no longer needed.

Basis of Payment: This work will not be paid for separately, but shall be included in the cost of the concrete work items included in the contract.

HP-107-04 - DUST CONTROL WITH FINE FOR FAILURE TO COMPLY
Effective: January 1, 2020

Description. This work shall comply with Article 107.36 of the Standard Specifications and as modified in this specification.

The Contractor shall submit a dust control plan prior to the start of construction that indicates how he will control dust during the construction. The plan shall address dust created by pavement removal activities, dust from trenches created for installation of underground utilities such as sewers or mains, and for dust created by disturbance of the parkway. The plan shall be reviewed and approved by the City prior to implementation of the plan.

In addition to the sample techniques noted in Article 107.36, the Contractor may use asphalt grinding places over trenches or exposed ground to control dust.

Construction Requirements. The Contractor shall maintain dust control measures in the approved plan to the satisfaction of the City.

The Contractor shall at all times be responsible for maintaining dust-free conditions on streets. The City Engineer, or Engineer's authorized representative will notify the Contractor of any detected deficiencies concerning dust control. Such notice when delivered verbally to the Contractor's superintendent at the work site, or via written email sent to the Contractor, will be deemed sufficient for the purpose of notification. The Contractor shall take immediate corrective action after receiving such notice. If the Contractor fails or refuses to comply, the City Engineer or Engineer's authorized representative may order the stoppage of all project work until satisfactory corrective action has been taken by the Contractor. No part of the time lost due to such stop orders will be made subject of claim for extension of time or for excess costs or damages by the Contractor.

Basis of Payment. DUST CONTROL will not be paid for separately, but shall be included in the cost of the various pay items associated with the work in this contract.

Failure by the Contractor to comply with the Standard Specifications, contract plans, or these Special Provisions concerning dust control will result in an immediate project work stoppage. The contractor will receive a fine in the amount of $500.00 per occurrence. Failure by the Contractor to implement satisfactory corrective action in a timely manner will result in additional fines being assessed in the amount of $500.00 per day for each 24 hour period that elapses. Such fines will be deducted, accordingly, from a progress payment due to the Contractor. The work stoppage shall remain in effect until all deficiencies are corrected to the City Engineer's satisfaction. No part of the time lost due to such stop orders will be made subject of claim for extension of time or for excess costs or damages by the Contractor.

In addition, if the Contractor fails to respond, the City may elect to correct the deficiencies and all cost thereof will be deducted from monies due or which may become due the Contractor. This corrective action will in no way relieve the Contractor of his/her contractual requirements or responsibilities.

HP-252-01 - SODDING (SPECIAL)
Effective: January 1, 2020

Description. This work shall be according to Section 252.

Materials. Materials shall be according to Article 252.02 and as modified herein.

Construction Requirements. This work shall be done in accordance with Section 252 and as modified herein.

This work shall include placing the City required Blue Grass sod and the application of fertilizer nutrients at a rate of 180 pounds per acre. The nutrients shall consist of Nitrogen (N), available Phosphorus (P2O5), and Soluble Potash (K2O) in the ratio of 5:3:2, respectively, unless directed otherwise by the Engineer. Prior to sodding, the previously placed topsoil must be prepared in accordance with Article 211.05 except that all soil particles must be reduced to a size not larger than l-inch in the largest dimension. All sod, regardless of slope, shall be properly staked in place and rolled as required to the satisfaction of the Engineer.

Revise Article 252.04 as follows: Sod shall not be placed during the months of **June**, July and August.

Watering shall be performed in accordance with Article 252.08 of the Standard Specifications. If required by the Engineer, Supplemental Watering will be paid for separately in accordance with Article 252.13 of the Standard Specifications.

Method of Measurement. This work will be measured for according to Article 252.12.

Basis of Payment. This work shall be paid for at the contract unit price per square yard for **SODDING (SPECIAL)**, which price shall include furnishing and placing fertilizer nutrients.

HP-406-02 - WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH
Effective: January 1, 2020

This work shall consist of constructing Warm-Mix Asphalt (WMA) Driveway Pavement on an aggregate base in accordance with the applicable portions of Sections 351 and 406 of the Standard Specifications, with the Warm Mix Asphalt BDE Special Provision, and with the following provisions.

Materials: Aggregate shall be CA 6 gradation meeting the requirements of Aggregate Base Course, Type B and in accordance with Section 351 of the Standard Specifications.

Construction Requirements: The existing aggregate base shall be replaced with 4” of Aggregate Base Course, Type B. This item will not be paid for separately, but shall be included in the cost of WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH. Prior to the construction of the warm mix asphalt surface course, the entire base shall be shaped and compacted to the satisfaction of the Engineer.

WMA shall be placed to a compacted thickness of three inches, placed in two lifts, of surface course.

The typical driveway patch limit will be between 6 feet and 8 feet behind the proposed back of curb, as shown on the plans. The Contractor shall machine saw a perpendicular joint between that portion of a driveway to be removed and that which is to remain in place. If the Contractor removes or damages the existing driveway outside the limits designated by the Engineer for removal and

replacement, the Contractor will be required to repair or replace that portion at his own expense and to the satisfaction of the Engineer.

Removal of the existing driveway pavement will be paid for separately as DRIVEWAY PAVEMENT REMOVAL. All required excavation to complete this work shall be included in the contract unit price for DRIVEWAY PAVEMENT REMOVAL.

Any existing landscape edging adjacent to a driveway shall be removed prior to the removal of the driveway pavement. The Contractor shall store and reinstall this edging to the satisfaction of the Engineer at the time of driveway replacement. If the edging is damaged upon removal or is deemed unsalvageable by the Engineer, the Contractor shall replace the edging of a similar size and material. This work will not be paid for separately, but shall be included in the cost of WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH.

Method of Measurement: This work will be measured in place and the area computed in square yards.

Basis of Payment: This work will be paid for at the contract unit price per square yard for **WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH**, which price shall include the furnishing and placement of aggregate base course, preparation of base, and all labor, equipment, and materials necessary to complete said work**)**.

HP-442-02, 03, 04 - CLASS B PATCHES, TYPE II, 7 INCH (SPECIAL); CLASS B PATCHES, TYPE III, 7 INCH (SPECIAL); CLASS B PATCHES, TYPE IV, 7 INCH (SPECIAL)
Effective: January 1, 2020
Revised: March 15, 2024

This work shall be in accordance with Section 442 of the Standard Specifications and State Standards 420001, 420701, and 442101 except as modified herein.

The pavement removal layout may be modified so that the entire lane width is not called out for pavement removal and saw cutting. Layout for patching may include partial lane widths, removal adjacent to existing longitudinal joints and other non-full lane width configurations.

Revise Article 442.05(b) to read:

The pavement removal layout may be modified so that the entire lane width is not called out for pavement removal and saw cutting. Partial lane width patches will be permitted. In the area of concrete pavement, whenever Class B Patches are called for, Class B Patches can be extended into the adjacent pavement lane. Partial lane width patches can be identified adjacent to the curb and gutter and at the pavement center line as directed by the Engineer. These partial lane width patches may be measured combined with adjacent large patches or separately and will be paid at the contract unit price for Class B Patches Type II, 7 Inch (Special); Class B Patches Type III, 7 Inch (Special); or Class B Patches Type IV, 7 Inch (Special).

Saw cuts, dowel bars, and tie bars shall not be paid for separately but shall be included in the unit bid price of CLASS B PATCHES, TYPE II, 7 INCH (SPECIAL); CLASS B PATCHES, TYPE III, 7 INCH (SPECIAL); and CLASS B PATCHES, TYPE IV 7 INCH (SPECIAL).

In the event unsuitable materials, including voids, soft spots or other defects are encountered in the area of the Class B Patches, the Engineer shall direct the contractor to remove and replace the unsuitable materials with Subbase Granular Material Type B. A quantity of Subbase Granular Material Type B measured in tons has been included in the summary of quantities for this purpose. **The cost**

of removal and disposal of these unsuitable materials shall not be paid for separately, but shall be included in the unit price per ton for Subbase Granular Material Type B.

Revise Article 442.10 to read:
To the extent possible, the contract documents contain information on the thickness of the existing pavement being 7". It is responsibility of the contractor to verify the thickness of the existing concrete pavement.

In the event the thickness of the existing concrete pavement and overlays in the areas to be patched exceed 7", no adjustment of quantitates will be made and quantities for Class B Patches will not be increased due to increased thickness. The variation from the 7" pavement thickness will be addressed by placement of Subbase Granular Material Type B. Subbase Granular Material Type B shall be placed prior to installing dowel bars and tie bars to insure proper grading and compaction of the material. **No extra compensation will be made for saw cutting Class B patches as the result of the increased thickness and/or presence of welded wire or reinforcement bars in the existing pavement.**

Revise Article 442.06(a) to read:
The Welded Wire Reinforcement will only be required when:

1. The length of the patch is longer than 40 feet;
2. The width of the patch is 6 feet or wider.

Only full width lane and partial width lane patches 6 feet or greater in width and over 40 feet in length, shall have transverse contraction joints installed at regular intervals according to the joint spacing of the existing pavement according to the details shown on the plans. Transverse tool joints shall be made in all patches regardless of their width and length to match existing cracks and joints in the adjacent pavement. Contraction and tool transverse joints shall be saw cut according to the detail shown on the plans for contraction joints. Saw cuts shall be made as soon as concrete is hard and still green to avoid unwanted transverse cracks.

Revise Article 442.06(i)(2) In Class B patches to read:

The following streets shall have **Hot Poured Joints Seal**s in accordance with Article 442.06:

Hot Poured Joint Seals for all transverse joints, centerline joints, longitudinal joints adjacent to portland cement concrete shoulders, and saw-cut extensions in the shoulders as specified in this section **shall not** be applied on all other minor streets in the list for concrete street repair.

The cost associated with the application of **Hot-Poured Joint Seals** shall be included in the unit bid price of CLASS B PATCHES, TYPE III, 7 INCH (SPECIAL) and CLASS B PATCHES, TYPE IV 7 INCH (SPECIAL).

Revise Article 442.05 to read:
When ordered by the Engineer, the contractor shall use the following methods to allay dust and prevent a nuisance within the limits of the construction site. Dust shall be controlled by the uniform application of sprinkled water and sweeping, in a manner meeting Engineer's approval. During saw cutting operations, whenever the lanes and/or intersections are open for traffic, the contractor shall properly sweep and clean concrete slurry from the surface of the pavement to avoid slippery surfaces and

splashing of the slurry on traveling vehicles. **No additional compensation shall be allowed for this work.**

The contractor's attention is called to the fact that existing underground utilities have not been delineated on the plans and it shall be the contractor's responsibility to locate and protect all existing utilities. **No extra compensation will be allowed for delays arising from any work performed by the utility companies.**

The contractor will be required to provide and maintained access to all private property during construction period. This work shall be done in accordance with the special provision, X4021000 & X4023000: AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS.

Method of Measurement. This work will be measured for pavement removal and replacement measured in place, and the area computed in square yards.

Basis of Payment. This work will be paid for at the contract unit price per square yard for **CLASS B PATCHES, TYPE II, 7 INCH (SPECIAL); CLASS B PATCHES, TYPE III, 7 INCH (SPECIAL);** and **CLASS B PATCHES, TYPE IV 7 INCH (SPECIAL)**, which shall include all equipment, materials and labor necessary to complete the work.

HP-606-05 – INTERMITTENT CURB AND GUTTER REMOVAL AND REPLACEMENT

Effective: April 15, 2025

Description. This work shall consist of the complete removal and replacement of curb or combination curb and gutter. Work shall be according to Sections 440 and 606 of the Standard Specifications, HP-606-05 Detail and as directed by the Engineer except as modified herein.

Curb or combination curb and gutter removal and replacement shall match the type of the existing curb or combination curb and gutter. Types may be variable and are to meet existing dimensions and field conditions. Locations of removal and replacement shall be determined by the Engineer at the time of construction.

Unsuitable material to be removed, as directed by the Engineer, shall be replaced with subbase granular material, type B or additional thickness of concrete. Suitable backfill material, when required, shall be replaced as directed by the Engineer.

Epoxy coated tie bars, #6 - 24" long at 24" centers, shall be used except when adjacent to flexible pavement.

Hot-mix asphalt surface removal on the existing gutter flag, if encountered, shall be included in the removal of the curb and gutter.

Saw cuts shall be according to Article 440.03 of the Standard Specifications.

½" preformed expansion joints shall be used at concrete sidewalks, driveways and medians.

Method of Measurement. Intermittent curb and gutter removal and replacement will be measured for payment in feet along the face of concrete curb. A minimum replacement length of 4 feet is required.

Basis of Payment. This item will be paid for at the contract unit price per foot for **INTERMITTENT CURB AND GUTTER REMOVAL AND REPLACEMENT**. The unit price shall include saw cutting, preparation of subgrade, removal and replacement of unsuitable material, furnishing and placing tie-bars, and all other materials, equipment, and labor to complete the work as specified herein.

HP-701-01 - CHANGEABLE MESSAGE SIGN – CITY OF HIGHLAND PARK

Effective: January 1, 2020

Description. This work shall consist of furnishing and installing Changeable Message Signs in accordance with Article 701 of the Standard Specifications.

Equipment. The Changeable Message Sign shall be according to Article 1106.02, or as approved by the Engineer.

Construction Requirements. This work shall comply with Section 701 of the Standard Specifications and as modified in this specification.

The Contractor shall install the number of Changeable Message Sign (CMS) specified in the contract one (1) week prior to the start of the construction. The installed sign (s) shall indicate the following message:

START
CONSTRUCTION
{DATE}

DATE shall be the start of construction date, with the following sample format: {MM/DD/YYYY}

Subsequent messages as prepared by the City shall be displayed on the sign within 24 hours of notification. The City will decide on the location and the message boards will be required to be moved as approved by City. There is no limitation on the number of messages, duration of the message, or the locations. Sample messages may include:

Sample Number	Message
Sample Number 1	CURB REMOVAL {DATE} NO DRIVEWAY ACCESS
Sample Number 2	PAVEMENT REMOVAL & PLACEMENT {DATE}
Sample Number 3	PAVEMENT 5-DAY CURING USE CAUTION OR USE ALT. ROUTE
Sample Number 4	CONCRETE REPAIR WORK BEGINS {DATE}
Sample Number 5	WATER SERVICES WATER INTERRUPTION {DATE}

Other messages as required by the City shall be displayed on the CMS.

Method of Measurement. This work will be measured for at the contract price per calendar day for each Changeable Message Sign.

Basis of Payment. This work will be paid for at the contract price per calendar day for each sign as **CHANGEABLE MESSAGE SIGN – CITY OF HIGHLAND PARK**.

HP-701-02 - TRAFFIC CONTROL AND PROTECTION (SPECIAL)
Effective: January 1, 2020

Description. This work shall be done in accordance with Section 701 in the Standard Specifications insofar as applicable.

Specific traffic control plan details and Special Provisions have been prepared for this contract. This work shall include all labor, materials, transportation, handling and incidental work necessary to furnish, install, maintain and remove all traffic control devices required as indicated in the plans and as approved by the Engineer.

Construction Requirements. When traffic is to be directed over a detour route, the Contractor shall furnish, erect, maintain and remove all applicable traffic control devices along the detour route according to the details shown in the plans.

Method of Measurement. All traffic control indicated on the traffic control plan details and specified in the Special Provisions will be measured for payment on a lump sum basis.

Basis of Payment. All traffic control and protection will be paid for at the contract lump sum price for **TRAFFIC CONTROL AND PROTECTION (SPECIAL)**.

Failure to comply with the Standard Specifications, contract plans, or these Special Provisions concerning traffic control will result in a charge of $300.00 per day, in addition, if the Contractor fails to respond, the Municipality may correct the deficiencies and all cost thereof will be deducted from monies due or which may become due the contractor. This corrective action will in no way relieve the contractor of his/her contractual requirements or responsibilities.

HP-701-03 - TRAFFIC CONTROL PLAN
Effective: January 1, 2020

Traffic Control shall be according to the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control:

STANDARDS: 701006, 701011, 701301, 701311, 701501, 701502, 701601, 701606, 701701, 701801, and 701901

DETAILS:
Traffic Control and Protection for Side Roads, Intersections and Driveways (TC-10)
District One Typical Pavement Markings (TC-13)

SPECIAL PROVISIONS:
Maintenance of Roadways
Traffic Control and Protection

The Contractor shall contact the City at least 72 hours in advance of beginning work.

X4240800 DETECTABLE WARNINGS (SPECIAL)
Effective: January 1, 2020
Revised: March 6, 2024

Description. This work shall consist of furnishing and installing new detectable warnings in sidewalks at locations noted in the plans or as directed by the Engineer.

Materials. The detectable warning device shall be galvanized steel material, 10 Ga, and meet the following requirements.

- Powder Coat, Colonial Red (Federal Color 20109)
- Linear tiles and radial tiles in compliance with IDOT, PROWAG, and Access Board requirements.

Acceptable products include the following or approved equal:

- TufTile
- Detectable Warning Systems
- ADA Solutions

The City shall make the final determination on the product selection

Equipment. The equipment shall be capable of completing the necessary work in an efficient and safe manner, as approved by the Engineer.

Construction Requirements. This work shall be done in accordance with Section 424, Article 424.09 of the Standard Specifications insofar as applicable.

Method of Measurement. This work will be measured for payment in accordance with Article 424.12 of the Standard Specifications.

Basis of Payment. This work shall be paid for at the contract unit price per square foot for **DETECTABLE WARNINGS (SPECIAL)**.

IDOT DISTRICT ONE - SPECIAL PROVISIONS

MAINTENANCE OF ROADWAYS

Effective: September 30, 1985
Revised: November 1, 1996

Beginning on the date that the Contractor begins work on this project, he shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided for in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS

Effective: April 1, 2001
Revised: January 2, 2007

Revise Article 402.10 of the Standard Specifications to read:

"**402.10 For Temporary Access.** The contractor shall construct and maintain aggregate surface course for temporary access to private entrances, commercial entrances and roads according to Article 402.07 and as directed by the Engineer.

The aggregate surface course shall be constructed to the dimensions and grades specified below, except as modified by the plans or as directed by the Engineer.

(a) Private Entrance. The minimum width shall be 12 ft. (3.6 m). The minimum compacted thickness shall be 6 in. (150 mm). The maximum grade shall be eight percent, except as required to match the existing grade.

(b) Commercial Entrance. The minimum width shall be 24 ft. (7.2 m). The minimum compacted thickness shall be 9 in. (230 mm). The maximum grade shall be six percent, except as required to match the existing grade.

(c) Road. The minimum width shall be 24 ft. (7.2 m). The minimum compacted thickness shall be 9 in. (230 mm). The grade and elevation shall be the same as the removed pavement, except as required to meet the grade of any new pavement constructed.

Maintaining the temporary access shall include relocating and/or regrading the aggregate surface coarse for any operation that may disturb or remove the temporary access. The same type and gradation of material used to construct the temporary access shall be used to maintain it.

When use of the temporary access is discontinued, the aggregate shall be removed and utilized in the permanent construction or disposed of according to Article 202.03."

Add the following to Article 402.12 of the Standard Specifications:

"Aggregate surface course for temporary access will be measured for payment as each for every private entrance, commercial entrance or road constructed for the purpose of temporary access. If a residential drive, commercial entrance, or road is to be constructed under multiple stages, the aggregate needed to construct the second or subsequent stages will not be measured for payment but shall be included in the cost per each of the type specified."

Revise the second paragraph of Article 402.13 of the Standard Specifications to read:

"Aggregate surface course for temporary access will be paid for at the contract unit price per each for TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE) or TEMPORARY ACCESS (ROAD).

Partial payment of the each amount bid for temporary access, of the type specified, will be paid according to the following schedule:

(a) Upon construction of the temporary access, sixty percent of the contract unit price per each, of the type constructed, will be paid.

(b) Subject to the approval of the Engineer for the adequate maintenance and removal of the temporary access, the remaining forty percent of the pay item will be paid upon the permanent removal of the temporary access."

HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D1)
Effective: November 1, 2019
Revised: December 1, 2021

Revise Article 1004.03(c) to read:

"(c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

Use	Size/Application	Gradation No.
Class A-1, A-2, & A-3	3/8 in. (10 mm) Seal	CA 16 or CA 20
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & A-3	Cover Coat	CA 14
HMA High ESAL	IL-19.0; Stabilized Subbase IL-19.0	CA 11 1/
	SMA 12.5 2/	CA 13 4/, CA 14, or CA 16
	SMA 9.5 2/	CA 13 3/4/ or CA 16 3/
	IL-9.5	CA 16, CM 13 4/
	IL-9.5FG	CA 16
HMA Low ESAL	IL-19.0L	CA 11 1/
	IL-9.5L	CA 16

1/ CA 16 or CA 13 may be blended with the CA 11.

2/ The coarse aggregates used shall be capable of being combined with the fine aggregates and mineral filler to meet the approved mix design and the mix requirements noted herein.

3/ The specified coarse aggregate gradations may be blended.

4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve."

Revise Article 1004.03(e) of the Supplemental Specifications to read:

"(e) Absorption. For SMA the coarse aggregate shall also have water absorption ≤ 2.0 percent."

Revise the "High ESAL" portion of the table in Article 1030.01 to read:

"High ESAL	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, Stabilized Subbase IL-19.0
	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5"

Revise Note 2. and add Note 6 to Article 1030.02 of the Standard Specifications to read:

"Item	Article/Section
(g) Performance Graded Asphalt Binder (Note 6)	1032
(h) Fibers (Note 2)	

Note 2. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 6. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein.

”Revise table in Article 1030.05(a) of the Standard Specifications to read:

“MIXTURE COMPOSITION (% PASSING) [1/]												
Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-9.5FG		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max	min	max
1 1/2 in (37.5 mm)												
1 in. (25 mm)		100										
3/4 in. (19 mm)	90	100		100								
1/2 in. (12.5 mm)	75	89	80	100		100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	60	75[6/]	90	100
#8 (2.36 mm)	20	42	16	24 [4/]	16	32[4/]	34 [5/]	52 [2/]	45	60[6/]	70	90
#16 (1.18 mm)	15	30					10	32	25	40	50	65
#30 (600 μm)			12	16	12	18			15	30		
#50 (300 μm)	6	15					4	15	8	15	15	30
#100 (150 μm)	4	9					3	10	6	10	10	18
#200 (75 μm)	3.0	6.0	7.0	9.0 [3/]	7.5	9.5 [3/]	4.0	6.0	4.0	6.5	7.0	9.0 [3/]
#635 (20 μm)			≤ 3.0		≤ 3.0							
Ratio Dust/Asphalt Binder		1.0		1.5		1.5		1.0		1.0		1.0

1/ Based on percent of total aggregate weight.

2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.

3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.

4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.

5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.

6/ When the mixture is used as a binder, the maximum shall be increased by 0.5 percent passing."

Revise Article 1030.05(b) of the Standard Specifications to read:

(b) Volumetric Requirements. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 and SMA mixtures it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

	Voids in the Mineral Aggregate (VMA), % Minimum for Ndesign				
Mix Design	30	50	70	80	90
IL-19.0		13.5	13.5		13.5
IL-9.5		15.0	15.0		
IL-9.5FG		15.0	15.0		
IL-4.75[1/]		18.5			
SMA-12.5[1/2/5/]				17.0[3/]/16.0[4/]	
SMA-9.5[1/2/5/]				17.0[3/]/16.0[4/]	
IL-19.0L	13.5				
IL-9.5L	15.0				

1/ Maximum draindown shall be 0.3 percent according to Illinois Modified AASHTO T 305.

2/ The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30°F.

3/ Applies when specific gravity of coarse aggregate is ≥ 2.760.

4/ Applies when specific gravity of coarse aggregate is < 2.760.

5/ For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone"

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

"IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steal slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Add after third sentence of Article 1030.09(b) to read:

"If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the QC/QA document

"Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure."

Revise Table 1 and Note 4/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

	Breakdown/Intermediate Roller (one of the following)	Final Roller (one or more of the following)	Density Requirement
IL-9.5, IL-9.5FG, IL-19.0[1/]	V_D, P , T_B, 3W, O_T, O_B	V_S, T_B, T_F, O_T	As specified in Section 1030
IL-4.75 and SMA [3/ 4/]	T_B, 3W, O_T	T_F, 3W	As specified in Section 1030
Mixtures on Bridge Decks [2/]	T_B	T_F	As specified in Articles 582.05 and 582.06.

"4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers (T_B), and/or three-wheel (3W) rollers for breakdown, except one of the (T_B) or (3W) rollers shall be 84 inches (2.14 m) wide and a weight of 315 pound per linear inch (PLI) (5.63 kg/mm) and one of the (T_B) or (3W) rollers can be substituted for an oscillatory roller (O_T). T_F rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and T_B rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for T_B rollers nearest the paver and maintain an effective rolling distance of not more than 150 ft (45 m) behind the paver."

Add the following after the fourth paragraph of Article 406.13 (b):

"The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design's G_{mb}."

Revise first paragraph of Article 1030.10 of the Standard Specifications to read:

"A test strip of 300 ton (275 metric tons), except for SMA mixtures it will be 400 ton (363 metric ton), will be required for each mixture on each contract at the beginning of HMA production for each construction year according to the Manual of Test Procedures for Materials "Hot Mix Asphalt Test Strip Procedures". At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results."

Revise third paragraph of Article 1030.10 of the Standard Specifications to read:

"When a test strip is constructed, the Contractor shall collect and split the mixture according to the document "Hot-Mix Asphalt Test Strip Procedures". The Engineer, or a representative, shall deliver split sample to the District Laboratory for verification testing. The Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document "Hot-Mix Asphalt Mixture Design Verification Procedure" Section 3.3. The mixture test results shall meet the

requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production."

2025 Concrete Street and Sidewalk Repair Program

Street Listing

PCC Pavement Repairs

Street	From	To	Side of Street	Comments
Cavell Ave	Park Ave	Berkeley Rd	All	All Lanes
Centennial Ln	Lexington Ln	Parkside Dr	All	All Lanes
Old Briar Rd	Magnolia Ln	Red Oak Ln	All	All Lanes

PCC Sidewalk Repairs

Street	From	To	Side of Street	Comments
Heather Ln.	Winthrop Rd.	Winthrop Rd.	East & West, North & South	764 SQ FT of sidewalk selected for replacement
Sumac Rd.	Barberry Rd.	Clavey Rd.	East & West	1,170 SQ FT of sidewalk selected for replacement
Barberry Rd.	Ridge Rd.	Clavey Rd.	North & South, East & West	1,457 SQ FT of sidewalk selected for replacement

CITY OF HIGHLAND PARK
2026 CONCRETE STREET AND SIDEWALK REPAIR PROGRAM

SCHEDULE OF QUANTITIES (SOQ)

ITEM	ITEM DESCRIPTION	UNIT	All Streets	Cavell Ave	Centennial Ln	Old Briar Rd	Heather Ln	Sumac Rd	Barberry Rd
			Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
20200100	EARTH EXCAVATION	CU YD	15.0	5.0	5.0	5.0	0.0	0.0	0.0
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	449.5	88.9	24.0	38.2	67.2	103.0	128.2
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	30.0	10.0	10.0	10.0	0.0	0.0	0.0
35101582	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	30.0	10.0	10.0	10.0	0.0	0.0	0.0
42000060	WELDED WIRE REINFORCEMENT	SQ YD	59.2	59.2	0.0	0.0	0.0	0.0	0.0
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	7.0	7.0	0.0	0.0	0.0	0.0	0.0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,391.0	0.0	0.0	0.0	764.0	1170.0	1457.0
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	75.0	75.0	0.0	0.0	0.0	0.0	0.0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	96.6	66.7	13.9	16.0	0.0	0.0	0.0
44000600	SIDEWALK REMOVAL	SQ FT	3,466.0	75.0	0.0	0.0	764.0	1170.0	1457.0
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1.0	1.0	0.0	0.0	0.0	0.0	0.0
60255500	MANHOLES TO BE ADJUSTED	EACH	1.0	1.0	0.0	0.0	0.0	0.0	0.0
60260100	INLETS TO BE ADJUSTED	EACH	2.0	2.0	0.0	0.0	0.0	0.0	0.0
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	17.0	13.0	1.0	3.0	0.0	0.0	0.0
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	20.0	20.0	0.0	0.0	0.0	0.0	0.0
HP-001	DRIVEWAY ACCESS, SPECIAL MOBILITY NEEDS	EACH	3.0	2.0	0.0	1.0	0.0	0.0	0.0
HP-018	BRICK PAVER REMOVAL AND REINSTALLATION	SQ FT	30.0	30.0	0.0	0.0	0.0	0.0	0.0
HP-252-01	SODDING (SPECIAL)	SQ YD	449.5	88.9	24.0	38.2	67.2	103.0	128.2
HP-406-02	WARM-MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH	SQ YD	89.6	59.7	13.9	16.0	0.0	0.0	0.0
HP-442-02	CLASS B PATCHES, TYPE II, 7 INCH (SPECIAL)	SQ YD	1,036.0	489.0	314.0	233.0	0.0	0.0	0.0
HP-442-03	CLASS B PATCHES, TYPE III, 7 INCH (SPECIAL)	SQ YD	752.6	444.0	154.1	154.5	0.0	0.0	0.0
HP-442-04	CLASS B PATCHES, TYPE IV 7 INCH (SPECIAL)	SQ YD	839.7	723.1	88.9	27.7	0.0	0.0	0.0
HP-606-05	INTERMITTENT CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT	FOOT	680.0	400.0	108.0	172.0	0.0	0.0	0.0
HP-701-01	CHANGEABLE MESSAGE SIGN - CITY OF HIGHLAND PARK	CAL DA	21.0	21.0	0.0	0.0	0.0	0.0	0.0
HP-701-02	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1.0	0.3	0.2	0.2	0.1	0.1	0.1

2026 Concrete Street and Sidewalk Repair Program _ Driveway Schedule of Quantities

	Address		Driveway Type	44000200	42300200	ASHPHALT MATERIAL DESCRIPTION	Z0004510	HP-018	HP-022	X4021000	X4022000	HP-021
				DRIVEWAY PAVEMENT REMOVAL	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	WARM-MIX ASPHALT SURFACE COURSE "D" N50 (MODIFIED) (DEPTH = 1.5") & LEVELING BINDER (MACHINE METHOD), N50 (DEPTH = 1.5")	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	BRICK PAVER REMOVAL AND REINSTALLATION	FLAGSTONE REMOVAL AND REINSTALLATION	TEMPORARY ACCESS (PRIVATE ENTRANCE)	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	SPRINKLER/IRRIGATION SYSTEM REPAIR - COMPLETE
				SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	EACH	EACH	EACH
CAVELL AVE	1616	CAVELL		5.0		5.0	5.0			1		
	1632	CAVELL		3.3		3.3	3.3			1		
	1642	CAVELL		4.0		4.0	4.0			1		
	1672	CAVELL		6.0		6.0	6.0			1		
	1682	CAVELL		6.7		6.7	6.7			1		
	1700	CAVELL		4.7		4.7	4.7			1		
	1736	CAVELL		5.0		5.0	5.0			1		
	1758	CAVELL		4.3		4.3	4.3			1		
	1828	CAVELL		7.0	7.0							
	1868	CAVELL		5.7		5.7	5.7			1		
	1869	CAVELL		4.7		4.7	4.7			1		
	1875	CAVELL		4.0		4.0	4.0			1		
	1900	CAVELL		6.3		6.3	6.3			1		
	1967	CAVELL						30		1		
CAVELL AVE TOTAL				**66.7**	**7.0**	**59.7**	**59.7**	**30.0**	**0.0**	**13.0**	**0.0**	**0.0**
CENTENNIAL LN.	3076	CENTENNIAL		13.9		13.9				1		
				13.9	**0.0**	**13.9**	**0.0**	**0.0**	**0.0**	**1.0**	**0.0**	**0.0**
OLD BRIAR RD	2079	OLD BRIAR		4.5		4.5	4.5			1		
	2068	OLD BRIAR		6.2		6.2	6.2			1		
	2055	OLD BRIAR		5.3		5.3	5.3			1		
				16.0	**0.0**	**16.0**	**16.0**	**0.0**	**0.0**	**3.0**	**0.0**	**0.0**
HEATHER LN												
				0.0	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
SUMAC RD												
				0.0	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
BARBERRY RD												
				0.0	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

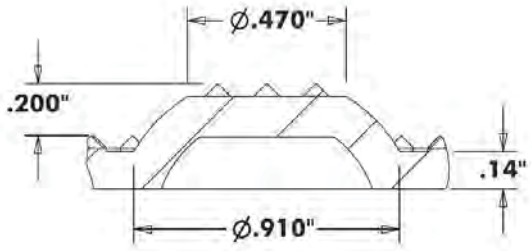
TufTile®

PHYSICAL CHARACTERISTICS GALVANIZED STEEL

COLOR: COLONIAL RED
FED. COLOR CODE: 20109

Dome Geometry

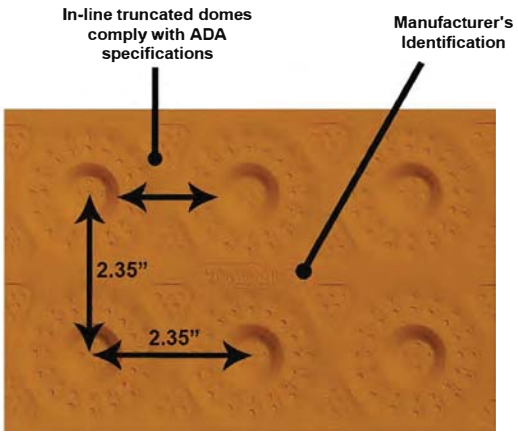
ADA (R305.1.1) specifies truncated domes shall have a base diameter of 0.9" minimum, a top diameter of 50%-65% of the base diameter minimum, and height of 0.2".



SECTION A-A

Dome Spacing

ADA (R305.1.2) specifies truncated domes shall have a center-center of 1.6" to 2.4".



Galvanized Steel Test Data		
Galvanization	G90 Guardrail Grade	G90
ASTM C 501	Abrasion Resistance	0.005
FDOT FM 3 - C 1028	Slip Resistance	Dry - 0.90, Wet - 0.81
ASTMA A 370	Tensile Strength	49,770 psi
ASTM D 695	Compressive Properties	55,170 psi
ASTM D 5420	Impact Resistance	No Cracking, No Delamination
ASTM E 84-18 ANSI/UL723	Test for Surface Burning Characteristics	CFS - 0.00, FSI - 0, CSD - 5.8, SDI - 5

24" X 60" X 10 GA (REPLACEABLE)

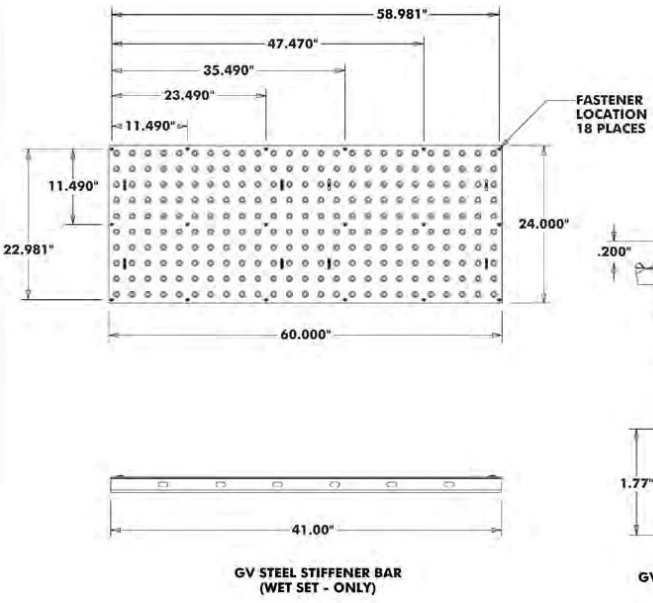
GALVANIZED STEEL DETECTABLE WARNING TILE

2.350 DOME SPACING

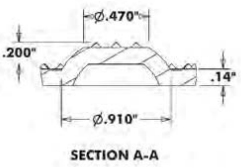
TufTile®

DRW NO		DRAWN	DATE
GV246010-XX-XXX		GM	12-30-20
TOLERANCE +/- 0.050	SCALE	REV 2	DATE 4-2-21

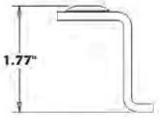
NOTES:
"XX" WS DESIGNATES WET SET
"XX" SA DESIGNATES SURFACE APPLIED
"XXX"DESIGNATES COLOR



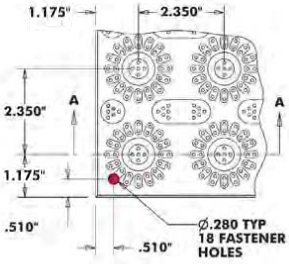
GV STEEL STIFFENER BAR (WET SET - ONLY)

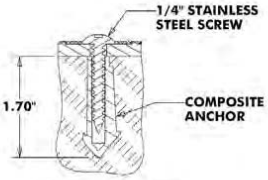


SECTION A-A

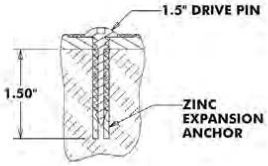


GV STEEL STIFFENER BAR END VIEW

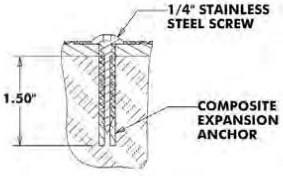




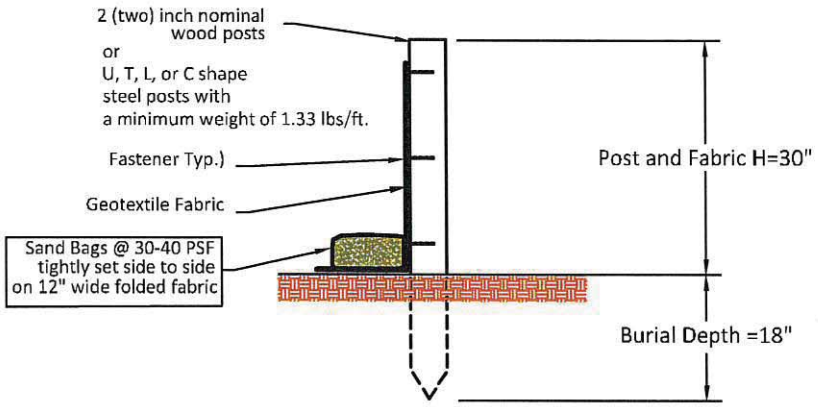
WET SET ANCHOR DETAIL (FRESH CONCRETE)



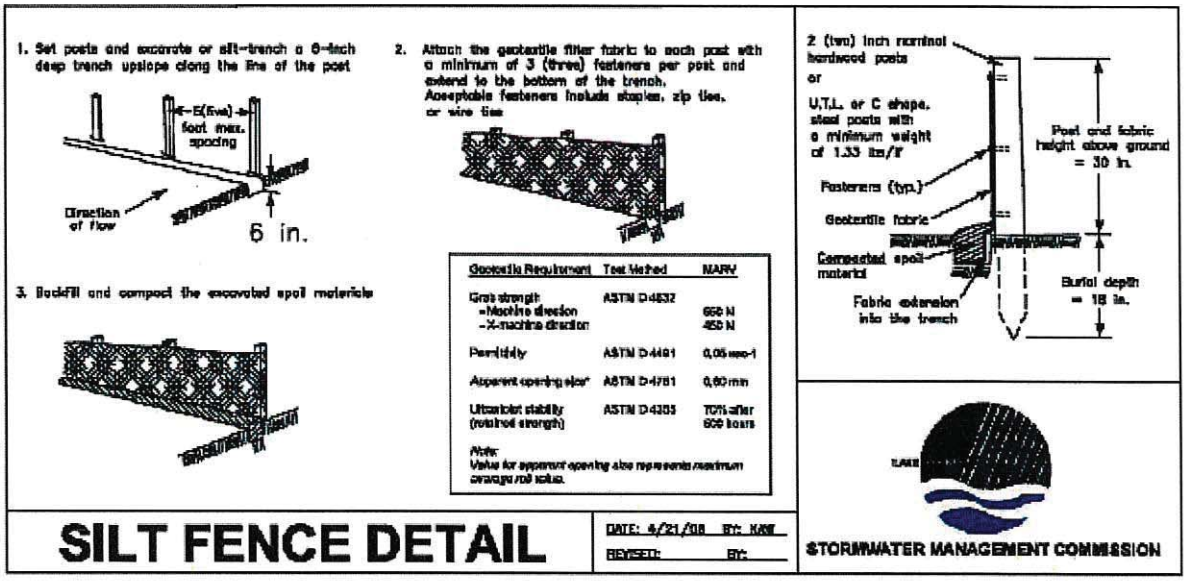
EXPANSION ANCHOR DETAIL (HARDENED CONCRETE)



EXPANSION ANCHOR DETAIL (ASPHALT)



ALTERNATE TO FABRIC TRENCH
(WITH SAND BAGS)

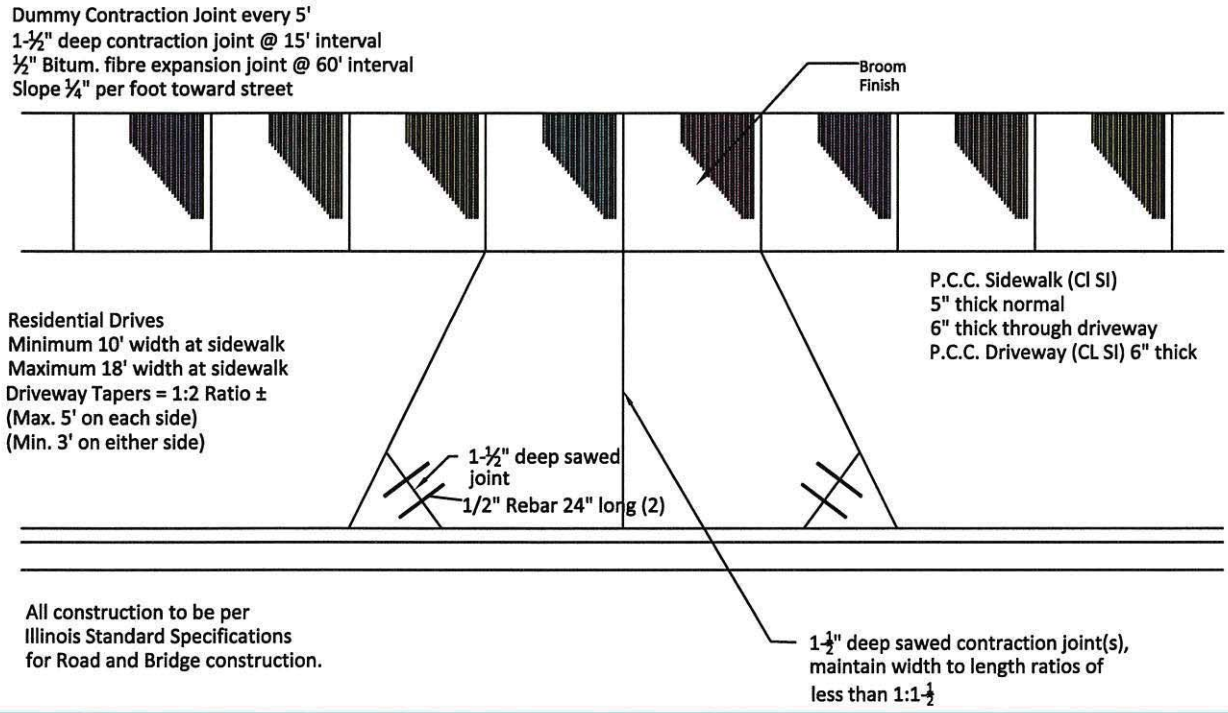


SILT FENCE DETAIL & Alternate Detail
(USE L.C.S.M.C STD. DETAIL)

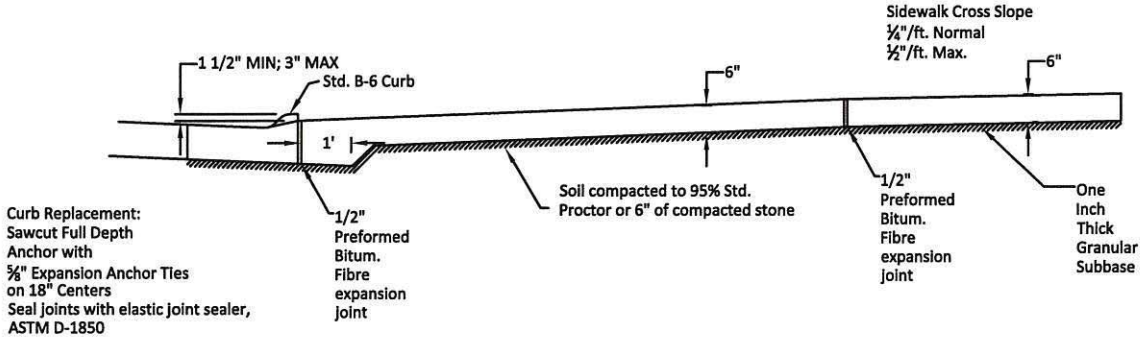
City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. DWG. No. FOR-1042A, Silt Fence-Alternate
Drawn By: M.B.
Revised By: E.J.

DATE: 14 Feb 2017
Approved By: E.Gomez



Plan View



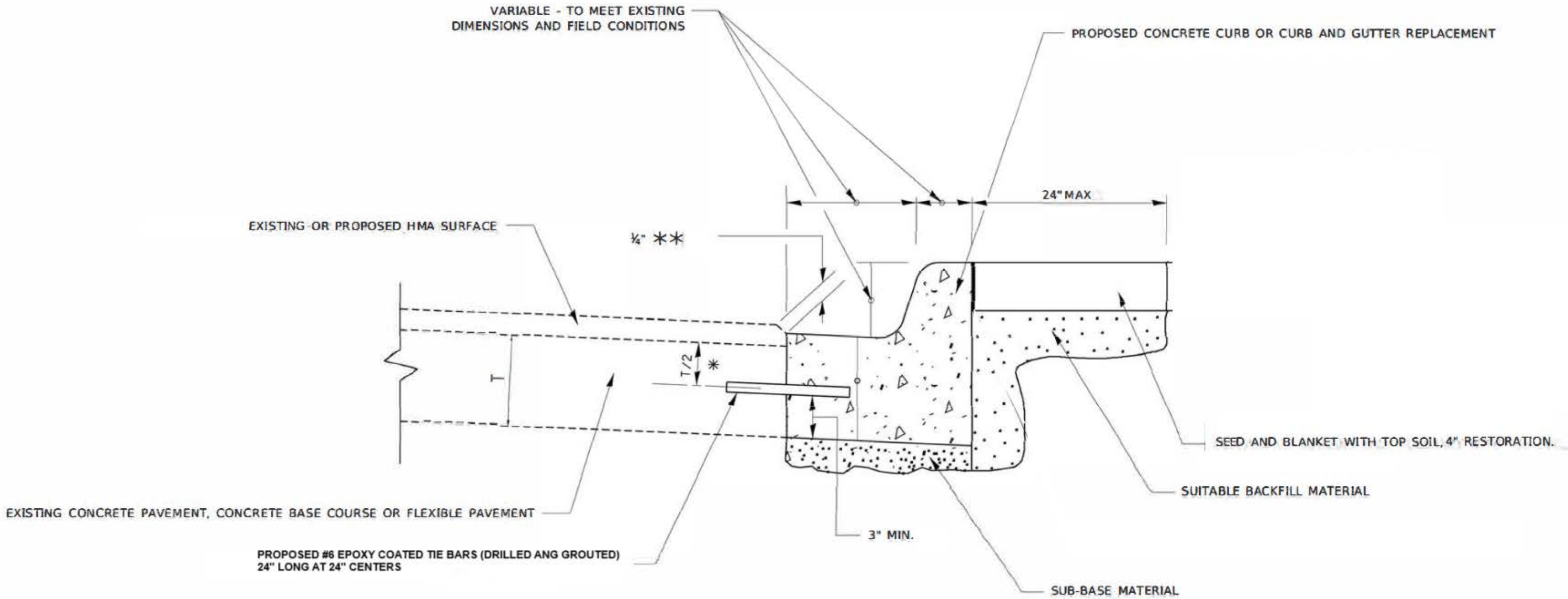
Cross Section View

TYPICAL DRIVEWAY & SIDEWALK DETAIL

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. DWG. No. STR-1031
Drawn By: M.B.
Revised By: E.J.

DATE: 27th Sept. 2013
Approved By:J.M.W.



* 3" MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

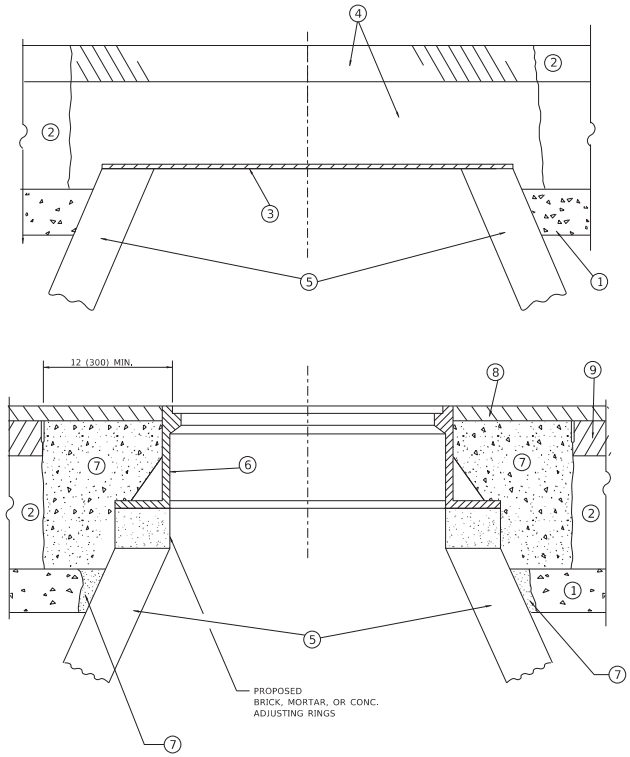
INTERMITTENT CURB AND GUTTER R&R DETAIL

City of Highland Park
Department of Public Works
1150 Half Day Rd, Highland Park, IL 60035

H.P. DWG. No. HP-606-05
Drawn By: JP3
Revised By:

DATE: 4/15/2025

Approved By:



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.

B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.

C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.

D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.

B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.

C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

1. SUB-BASE GRANULAR MATERIAL
2. EXISTING PAVEMENT
3. 36 (900) DIAMETER METAL PLATE
4. PROPOSED CRUSHED STONE AND HMA SURFACE MIX
5. EXISTING STRUCTURE
6. FRAME AND LID (SEE NOTES)
7. CLASS PP-2* CONCRETE
8. PROPOSED HMA SURFACE COURSE
9. PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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USER NAME = Lawrence.DeMarche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
	DRAWN -	REVISED - R. BORO 12-06-11
PLOT SCALE = 100.0000 ' / In.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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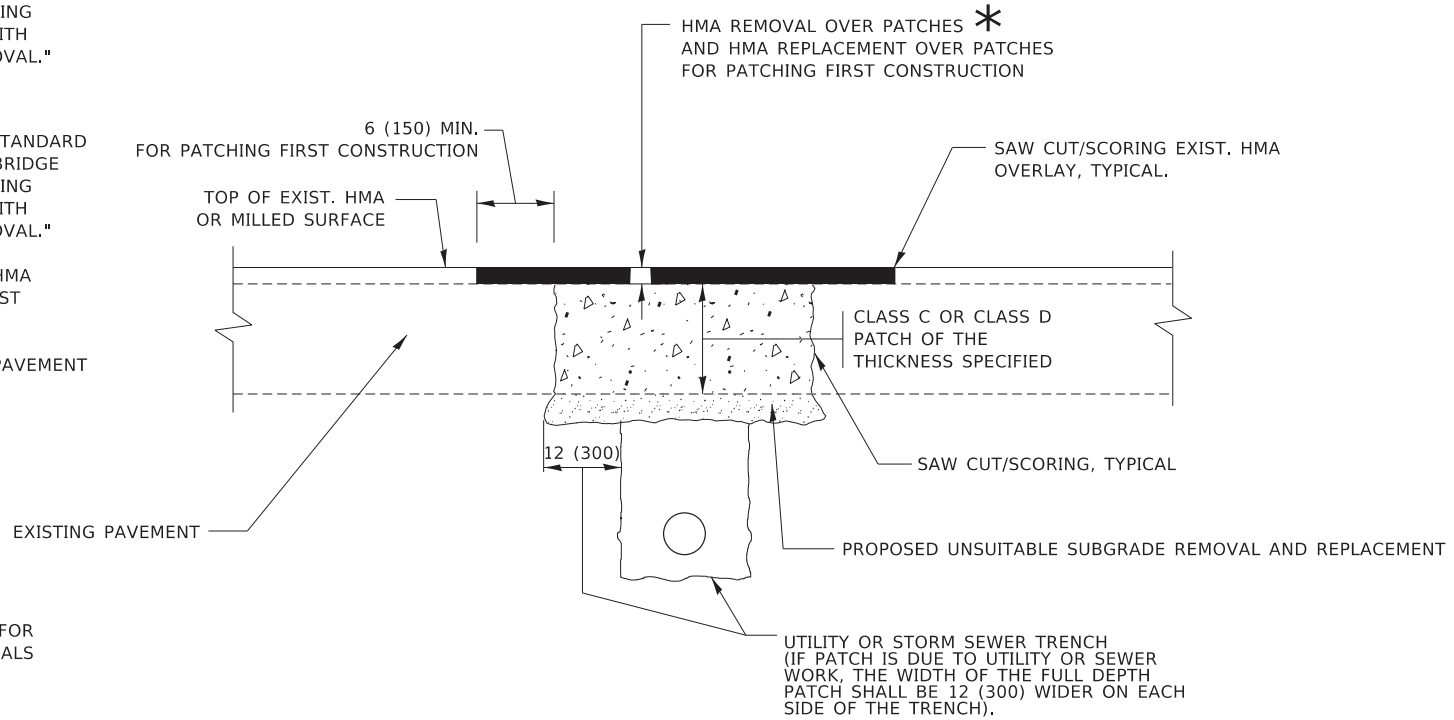
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD600--03 (BD--08)	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

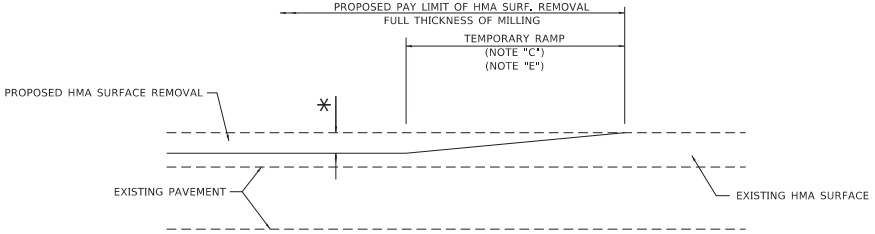
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	DRAWN -	REVISED - R. BORO 09-04-07	
PLOT SCALE = 100.0000 ' / In.	CHECKED -	REVISED - K. ENG 10-27-08	
PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22	

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD400-04 (BD-22)	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

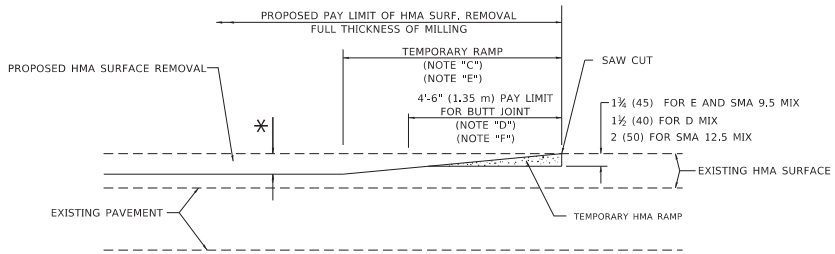
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MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

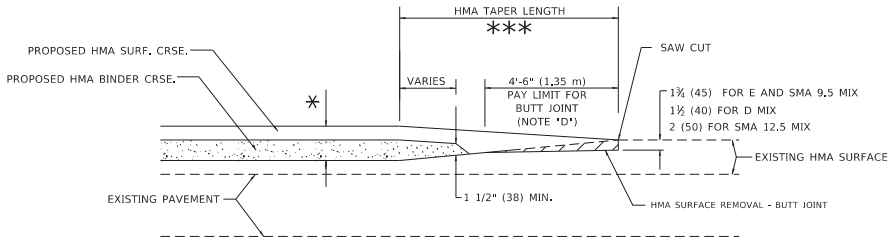


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

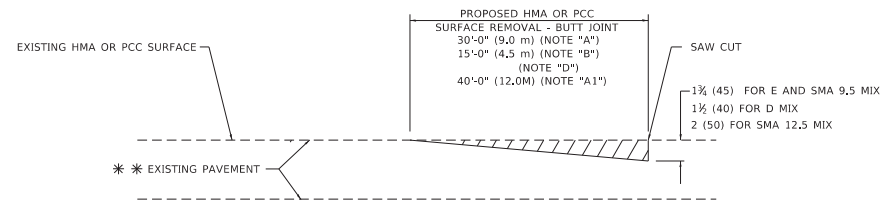
OPTION 2

TYPICAL TEMPORARY RAMP

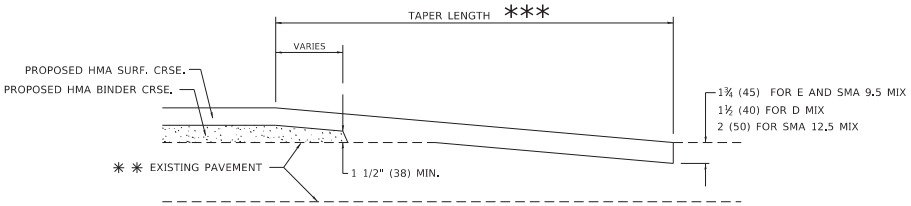


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000 ' / In.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

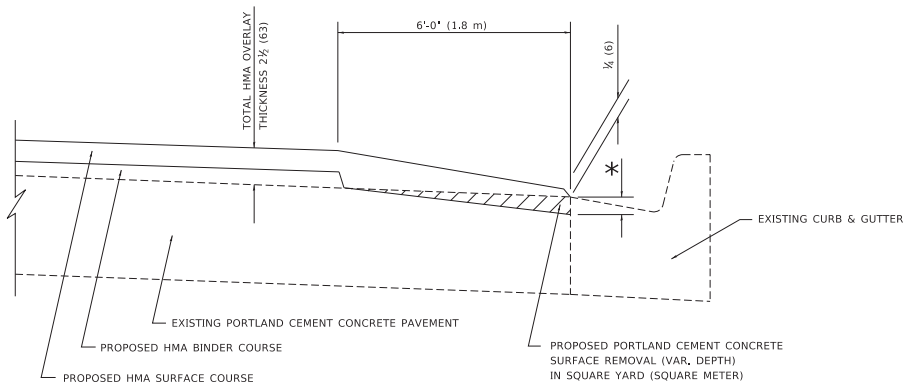
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD400-05 BD-32	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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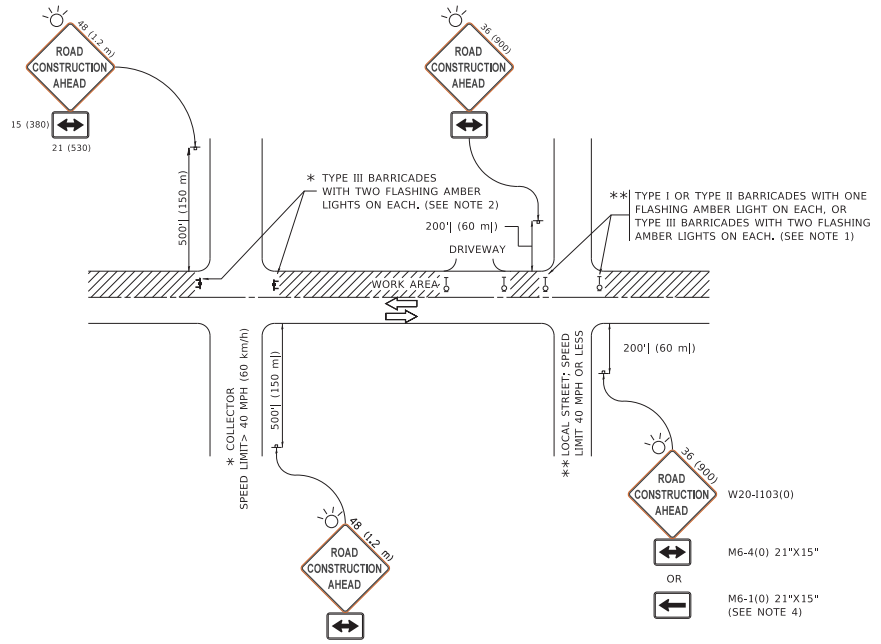
HMA TAPER AT
EDGE OF PCC PAVEMENT

HMA SURFACE COURSE		HMA BINDER COURSE	
MIX	THICKNESS	THICKNESS	* MILLING AT GUTTER FLAG
D	1½ (38)	1 (25)	1¼ (33)
E OR SMA 9.5	1¾ (44)	¾ (19)	1½ (38)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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USER NAME = Shawn.Ley	DESIGNED - R. SHAH	REVISED - E. GOMEZ 12-21-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA TAPER AT EDGE OF P.C.C. PAVEMENT	F.A. RTE. / SECTION / COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN - JIS	REVISED - R. BORO 01-01-07			
PLOT SCALE = 50.0000 ' / In.	CHECKED - A. ABBAS	REVISED - JP CHANG 07-08-16			BD400-06 / BD-33 / CONTRACT NO.
PLOT DATE = 1/23/2023	DATE - 09-10-94	REVISED - K. SMITH 11-18-22		SCALE: NONE / SHEET 1 OF 1 SHEETS / STA. / TO STA.	ILLINOIS / FED. AID PROJECT



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = {username}	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

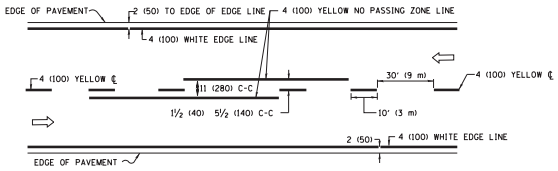
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

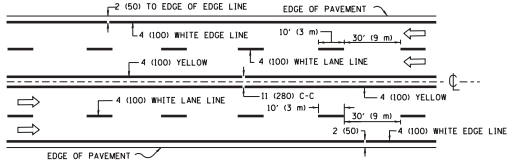
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-10	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

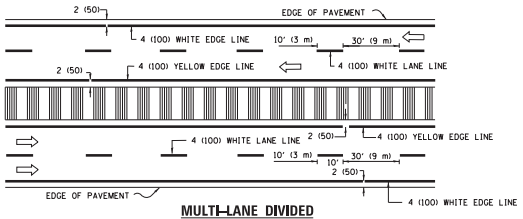
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2–LANE ROADWAY

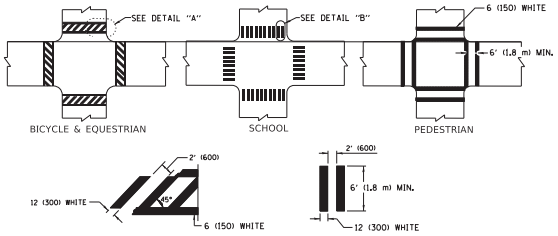


MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

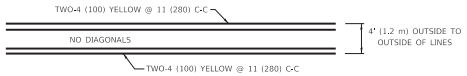
TYPICAL LANE AND EDGE LINE MARKING



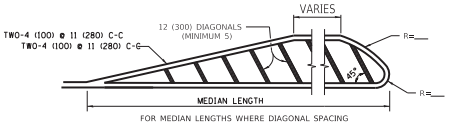
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

✳ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



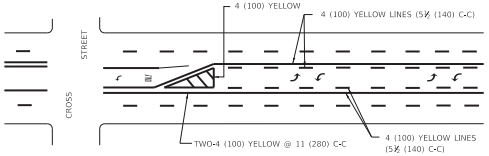
4' (1.2 m) WIDE MEDIANS ONLY



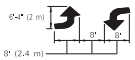
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

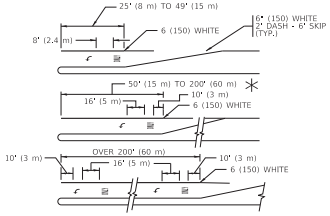


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED. WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

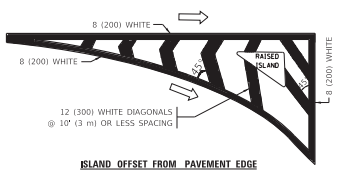


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m²

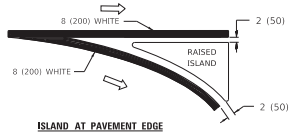
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

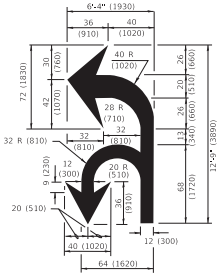


ISLAND OFFSET FROM PAVEMENT EDGE

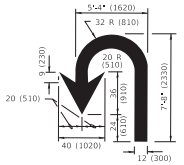


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

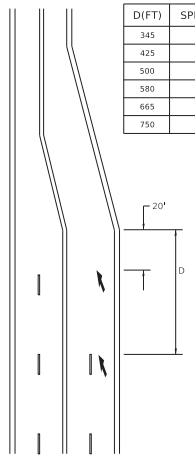


COMBINATION LEFT AND U–TURN



U–TURN

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55



LANE REDUCTION TRANSITION

✳ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

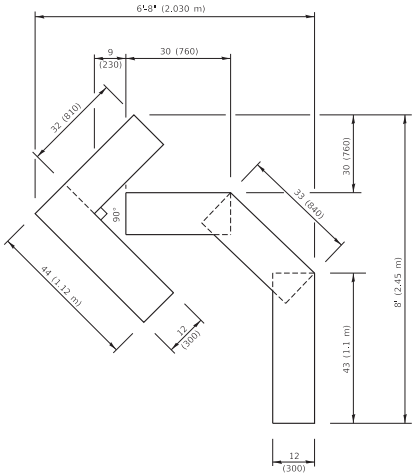
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	**4 (100)** 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	**SOLID**	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "R"	**SOLID**	**WHITE**	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m² EACH "X"=54.0 SQ. FT. (5.0 m²
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	**SOLID**	**WHITE - RIGHT** **YELLOW - LEFT**	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	**SOLID**	**WHITE**	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

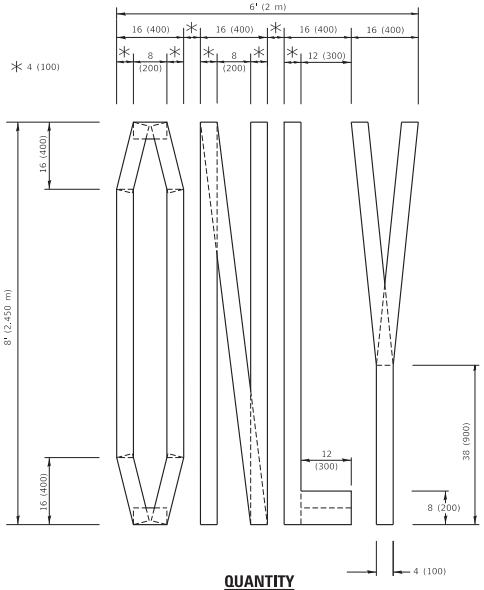
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USER NAME = footem	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE TYPICAL PAVEMENT MARKINGS	F.A. RTE. / SECTION / COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN -	REVISED - C. JUCIUS 07-01-13			
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED - C. JUCIUS 12-21-15			TC–13 / CONTRACT NO.
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16		SCALE: NONE / SHEET 1 OF 2 SHEETS / STA. / TO STA.	ILLINOIS / FED. AID PROJECT



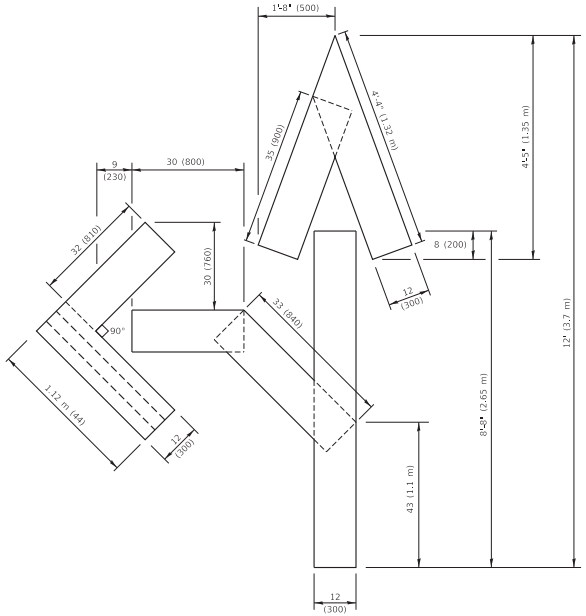
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

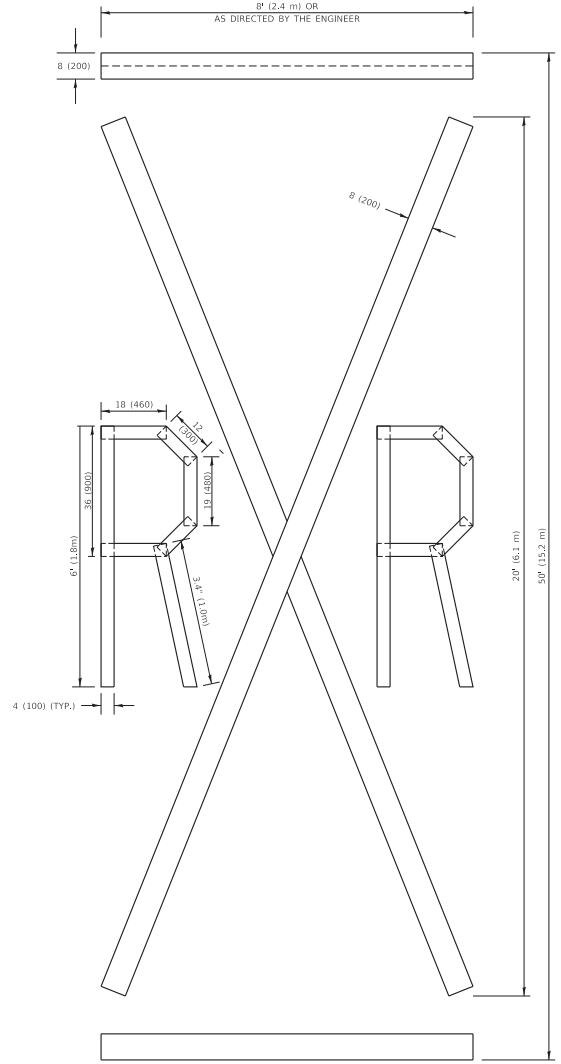


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-16	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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REINFORCEMENT BARS - ENGLISH (METRIC)

Bar Size English (metric)	Dia. in. (mm)	Cross-Sectional Area sq. in. (sq. mm)	Weight lbs./ft. (kg/m)	SPACING, In. (mm)													
				4 (100)	4½ (115)	5 (125)	5½ (140)	6 (150)	6½ (165)	7 (175)	7½ (190)	8 (200)	8½ (215)	9 (225)	10 (250)	11 (275)	12 (300)
				AREA OF STEEL PER FOOT (METER), sq. in. (sq. mm)													
3 (10)	0.375 (9.5)	0.110 (71)	0.376 (0.560)	0.330 (710)	0.293 (617)	0.264 (568)	0.240 (507)	0.220 (473)	0.203 (430)	0.189 (406)	0.176 (374)	0.165 (355)	0.155 (330)	0.147 (316)	0.132 (284)	0.120 (258)	0.110 (237)
4 (13)	0.500 (12.7)	0.196 (129)	0.668 (0.944)	0.588 (1290)	0.523 (1122)	0.470 (1032)	0.428 (921)	0.392 (860)	0.362 (782)	0.336 (737)	0.314 (679)	0.294 (645)	0.277 (600)	0.261 (573)	0.235 (516)	0.214 (469)	0.196 (430)
5 (16)	0.625 (15.9)	0.307 (199)	1.043 (1.552)	0.921 (1990)	0.819 (1730)	0.737 (1592)	0.670 (1421)	0.614 (1327)	0.567 (1206)	0.526 (1137)	0.491 (1047)	0.461 (995)	0.433 (926)	0.409 (884)	0.368 (796)	0.335 (724)	0.307 (663)
6 (19)	0.750 (19.1)	0.442 (284)	1.502 (2.235)	1.326 (2840)	1.179 (2470)	1.061 (2272)	0.964 (2029)	0.884 (1893)	0.816 (1721)	0.758 (1623)	0.707 (1495)	0.663 (1420)	0.624 (1321)	0.589 (1262)	0.530 (1136)	0.482 (1033)	0.442 (947)
7 (22)	0.875 (22.2)	0.601 (387)	2.044 (3.042)	1.803 (3870)	1.603 (3365)	1.442 (3096)	1.311 (2764)	1.202 (2580)	1.110 (2345)	1.030 (2211)	0.962 (2037)	0.902 (1935)	0.848 (1800)	0.801 (1720)	0.721 (1548)	0.656 (1407)	0.601 (1290)
8 (25)	1.000 (25.4)	0.785 (510)	2.670 (3.973)	2.355 (5100)	2.093 (4435)	1.884 (4080)	1.713 (3543)	1.570 (3400)	1.449 (3091)	1.346 (2914)	1.256 (2684)	1.178 (2550)	1.108 (2372)	1.047 (2267)	0.942 (2040)	0.856 (1855)	0.785 (1700)
9 (29)	1.128 (28.7)	1.000 (645)	3.400 (5.060)	3.000 (6450)	2.667 (5609)	2.400 (5160)	2.182 (4607)	2.000 (4300)	1.846 (3909)	1.714 (3686)	1.600 (3395)	1.500 (3225)	1.412 (3000)	1.333 (2867)	1.200 (2580)	1.091 (2345)	1.000 (2150)
10 (32)	1.270 (32.3)	1.267 (819)	4.303 (6.404)	3.801 (8190)	3.379 (7122)	3.041 (6552)	2.764 (5850)	2.534 (5460)	2.339 (4964)	2.172 (4680)	2.027 (4311)	1.901 (4095)	1.789 (3809)	1.689 (3640)	1.520 (3276)	1.382 (2978)	1.267 (2730)
11 (36)	1.410 (35.8)	1.561 (1006)	5.313 (7.907)	4.683 (10060)	4.163 (8748)	3.746 (8048)	3.406 (7186)	3.122 (6707)	2.882 (6097)	2.676 (5749)	2.498 (5295)	2.342 (5030)	2.204 (4679)	2.081 (4471)	1.873 (4024)	1.703 (3658)	1.561 (3353)

Illinois Department of Transportation

APPROVED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES

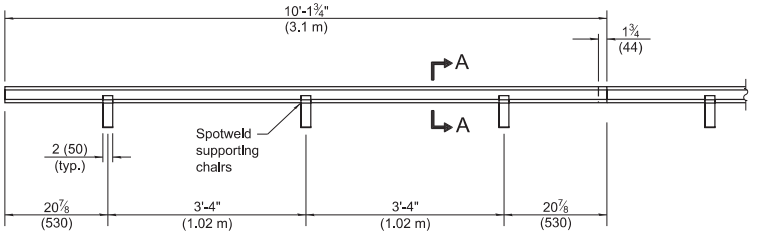
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

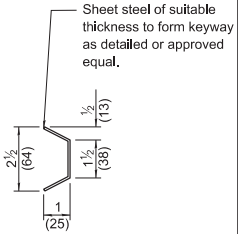
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1-1-07	Deleted metric table.
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AREAS OF REINFORCEMENT BARS

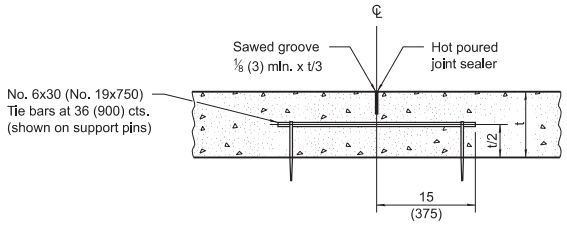
STANDARD 001001-02



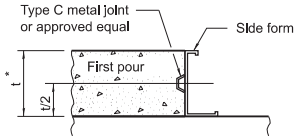
TYPE C METAL JOINT



SECTION A-A

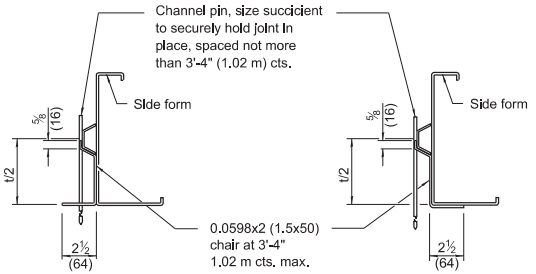


LONGITUDINAL SAWED JOINT



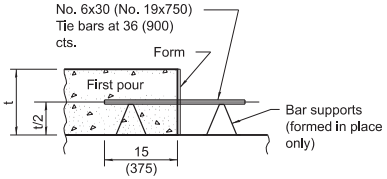
LONGITUDINAL KEYED JOINT

* 8 (203) min. pavement thickness for keyed joints.



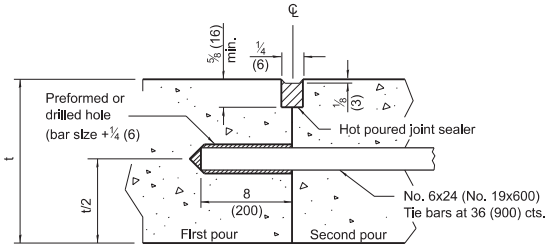
SUPPORTING CHAIR ALTERNATE

SUPPORTING CHAIR ALTERNATE



LONGITUDINAL CONSTRUCTION JOINT

(TIE BAR FORMED IN PLACE OR MECHANICALLY INSERTED)



LONGITUDINAL CONSTRUCTION JOINT

(TIE BAR GROUTED IN PLACE)

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2022
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2022
ENGINEER OF DESIGN AND ENVIRONMENT

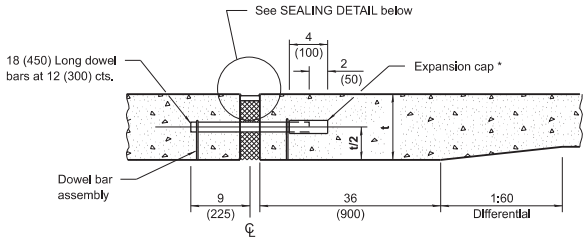
ISSUED 1-1-97

DATE	REVISIONS
1-1-22	Revised DOWEL BAR TABLE
	on Sheet 2.
1-1-18	Changed tie bar spacing
	to 36 (900) cts. Revised
	DOWEL BAR TABLE.

PAVEMENT JOINTS

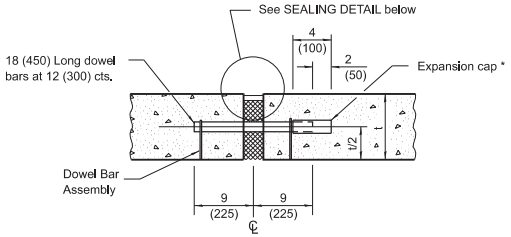
(Sheet 1 of 2)

STANDARD 420001-10

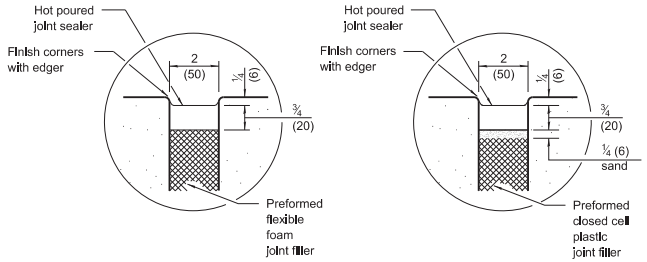


TRANSVERSE EXPANSION JOINT
(FOR PAVEMENTS WITH UNEQUAL THICKNESS)

* Expansion caps shall be installed on the exposed end of each dowel bar once the header has been removed and the joint filler material has been installed.

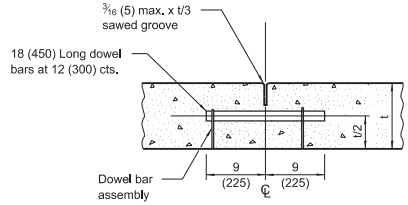


TRANSVERSE EXPANSION JOINT
(FOR PAVEMENTS WITH EQUAL THICKNESS)

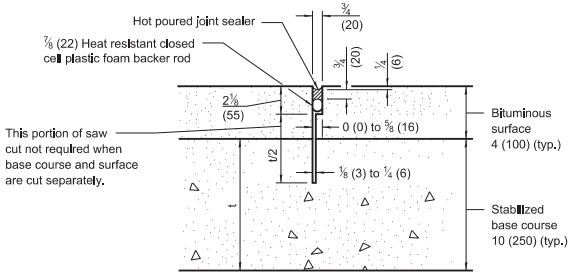


SEALING DETAIL

DOWEL BAR TABLE	
PAVEMENT THICKNESS	DOWEL BAR DIAMETER
10 (250) and greater	1½ (38)
8.01 (201) thru 9.99 (249)	1¼ (32)
8 (200) and less	1 (25)



TRANSVERSE CONTRACTION JOINT



TRANSVERSE CONTRACTION JOINT
(FOR CAM, CFA AND LFA BASE COURSE MIXTURES)

Illinois Department of Transportation

APPROVED January 1, 2022
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

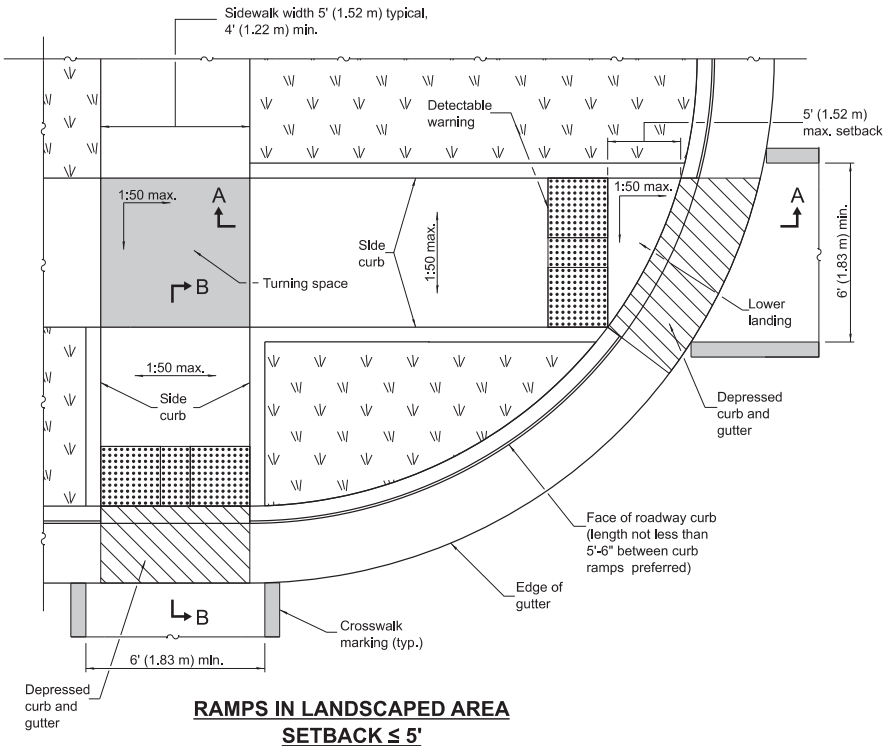
APPROVED January 1, 2022
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

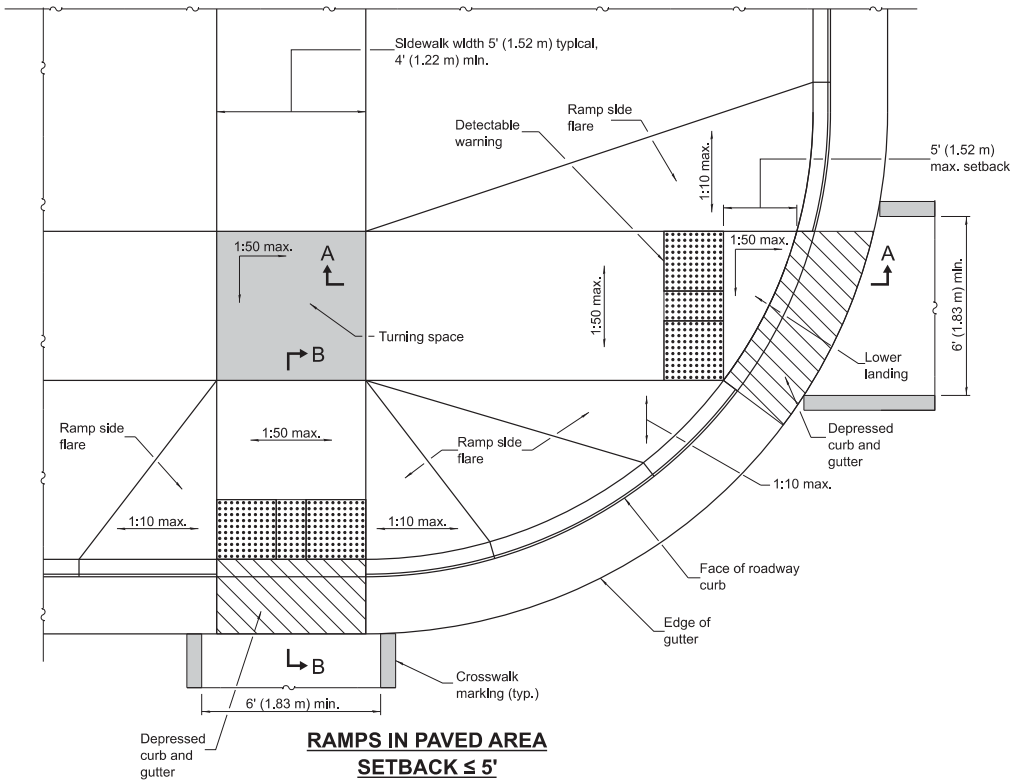
PAVEMENT JOINTS

(Sheet 2 of 2)

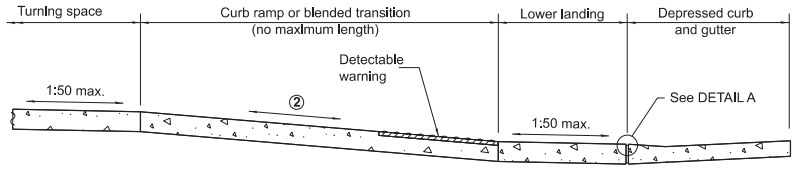
STANDARD 420001-10



RAMPS IN LANDSCAPED AREA
SETBACK ≤ 5'

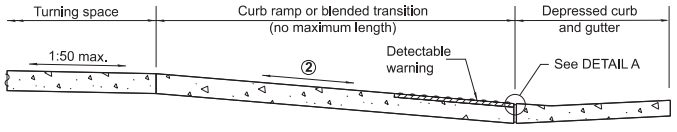


RAMPS IN PAVED AREA
SETBACK ≤ 5'



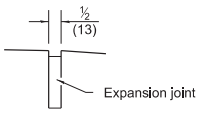
SECTION A-A

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

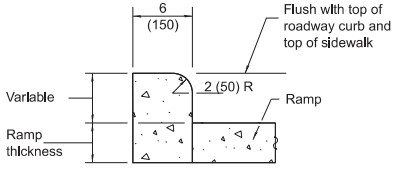


SECTION B-B

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



DETAIL A



SIDE CURB DETAIL

See Sheet 2 for GENERAL NOTES.

DATE	REVISIONS
1-1-19	Removed "15-foot rule', added
	"Blended transitions" and placement
	tolerances for detectable warnings.
1-1-18	Omitted diagonal slope at turning
	spaces and lower landings.

PERPENDICULAR CURB RAMPS FOR SIDEWALKS

(Sheet 1 of 2)

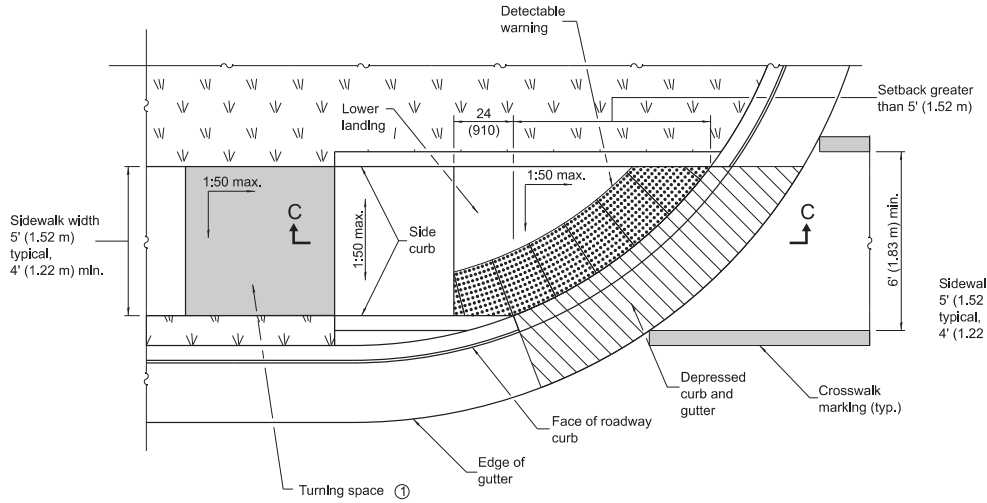
STANDARD 424001-11

Illinois Department of Transportation

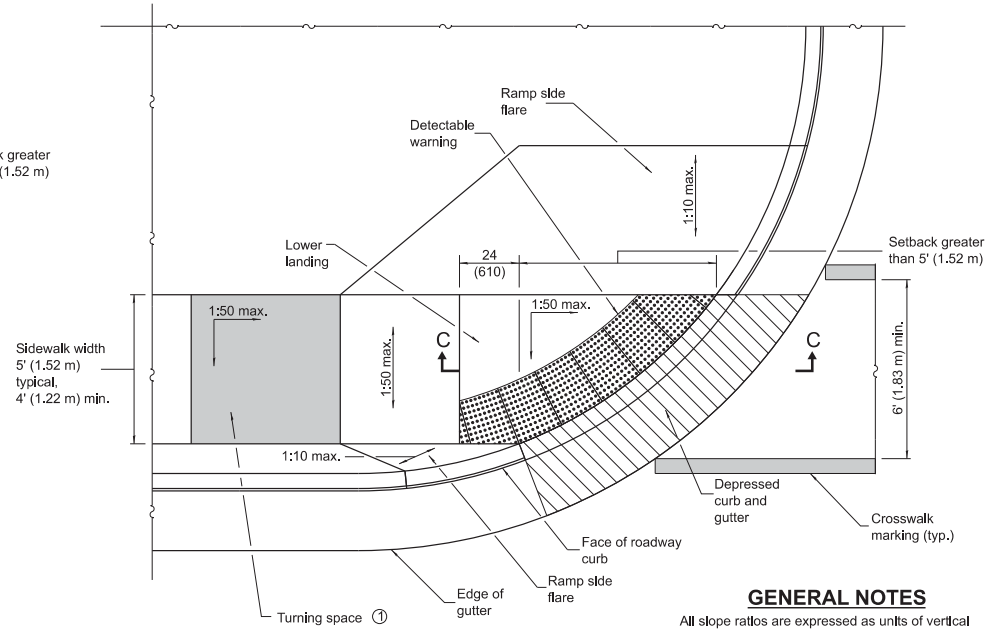
APPROVED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

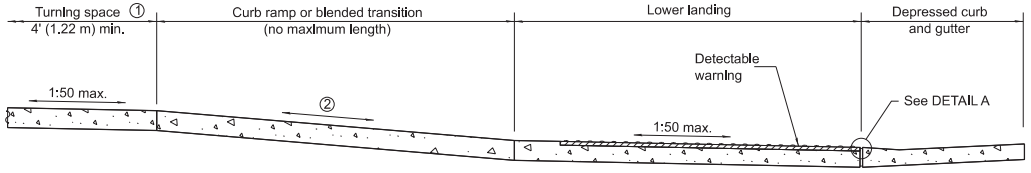
ISSUED 1-1-97



RAMP IN LANDSCAPED AREA SETBACK > 5'



RAMP IN PAVED AREA SETBACK > 5'



SECTION C-C

① This turning space not required for blended transitions.

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

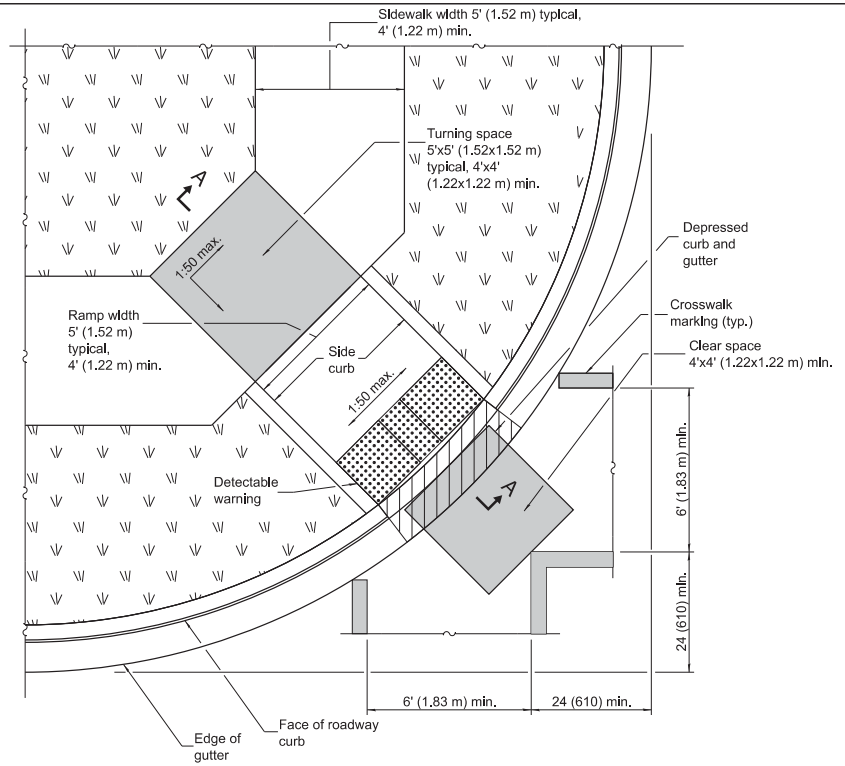
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

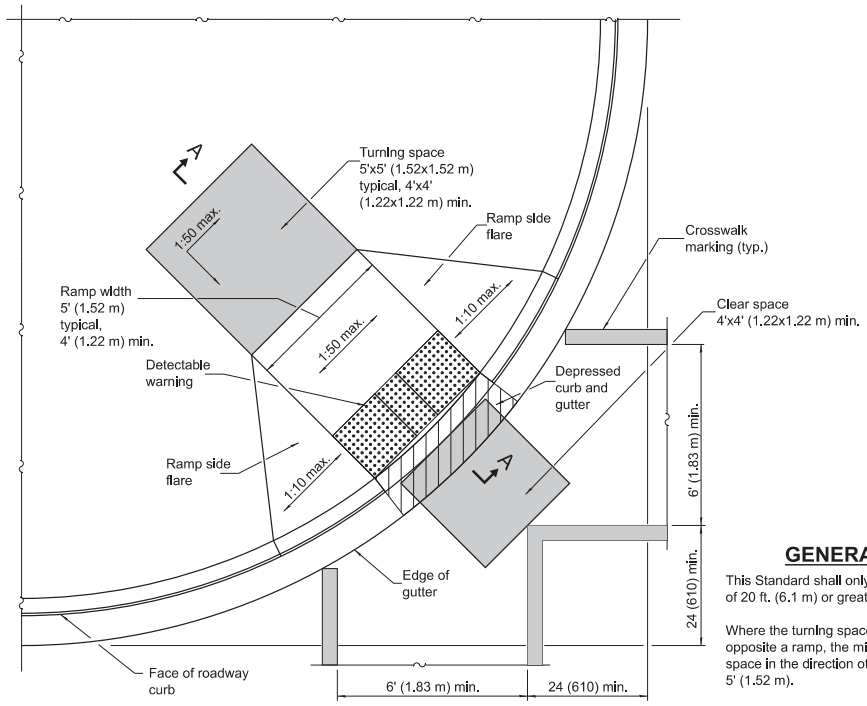
PERPENDICULAR CURB RAMPS FOR SIDEWALKS

(Sheet 2 of 2)

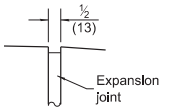
STANDARD 424001-11



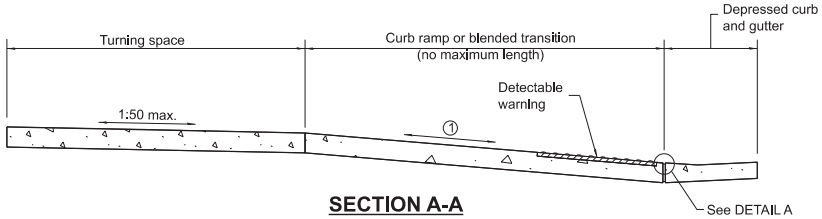
RAMP IN LANDSCAPED AREA



RAMP IN PAVED AREA

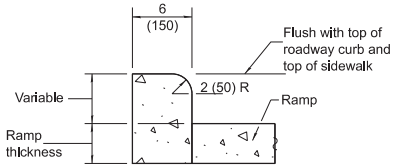


DETAIL A



SECTION A-A

① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



SIDE CURB DETAIL

GENERAL NOTES

This Standard shall only be used for curb radii of 20 ft. (6.1 m) or greater.

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

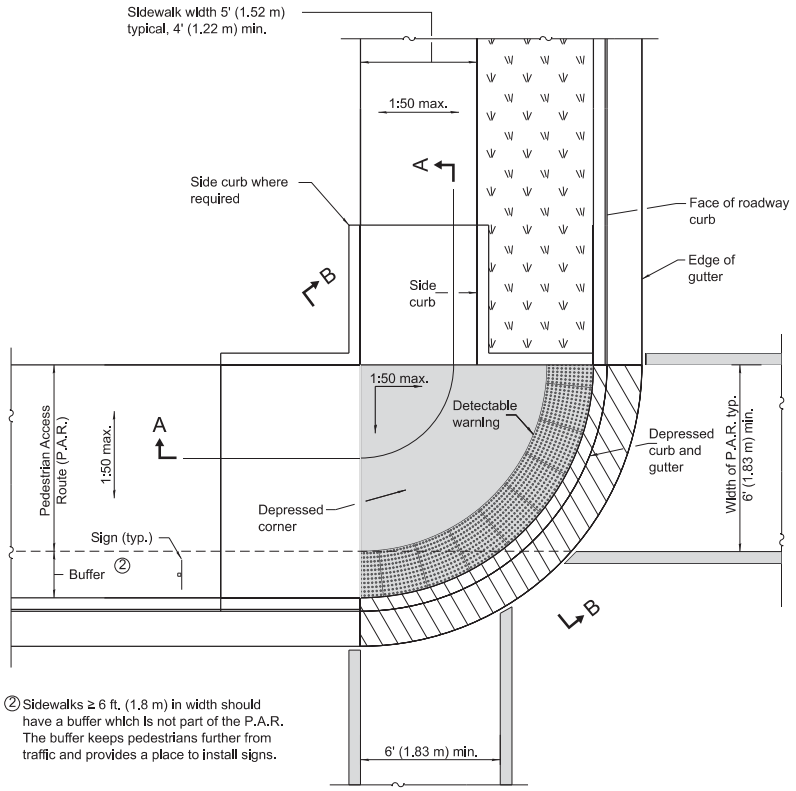
APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

DATE	REVISIONS
1-1-21	Clarified minimum crosswalk width
	and locations.
1-1-19	Removed "15-foot rule", added
	"blended transitions" and placement
	tolerances for detectable warnings.

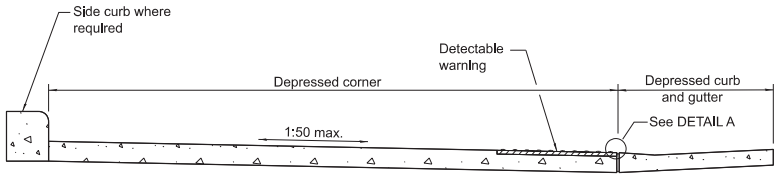
DIAGONAL CURB RAMPS FOR SIDEWALKS

STANDARD 424006-05

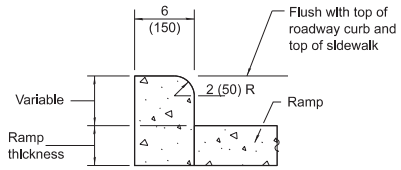


② Sidewalks ≥ 6 ft. (1.8 m) in width should have a buffer which is not part of the P.A.R. The buffer keeps pedestrians further from traffic and provides a place to install signs.

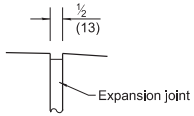
DEPRESSED CORNER



SECTION B-B



SIDE CURB DETAIL



DETAIL A

GENERAL NOTES

This standard shall only be used for curb radii of 6 ft. (1.83 m) or greater.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:50 maximum slope is shown, 1:64 is preferred.

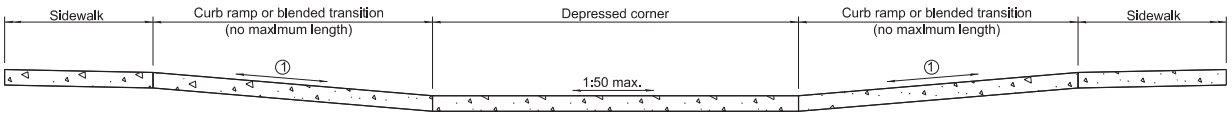
Detectable warnings are shown in their ideal tolerances but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in. width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.



SECTION A-A

① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

Illinois Department of Transportation

APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

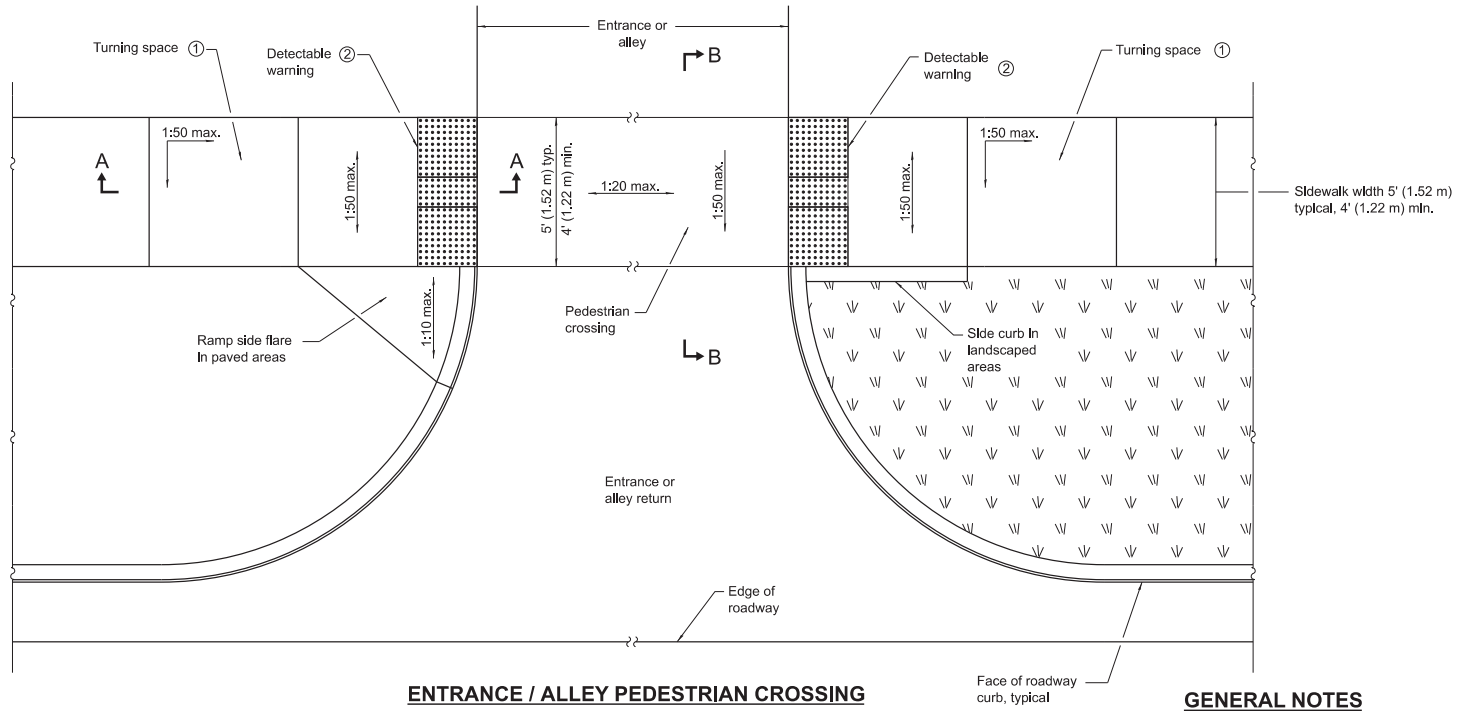
DATE	REVISIONS
1-1-21	Added crosswalk striping and
	a "buffer" for wide sidewalks.
1-1-19	Removed upper landings, added
	blended transition and detectable
	warning tolerances.

DEPRESSED CORNER FOR SIDEWALKS

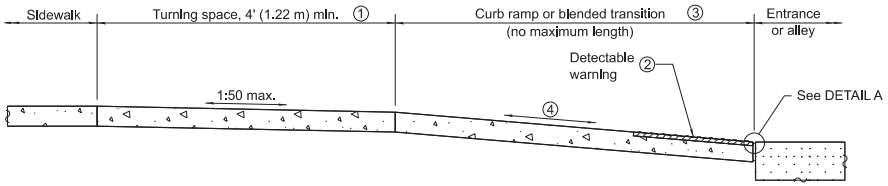
STANDARD 424021-06

② Detectable warning shall only be installed at entrances/alleys with permanent traffic control devices (i.e. stop signs, signals).

③ Where possible, maintain the grade of the sidewalk across the entrance/alley to avoid the need for ramps and turning spaces.



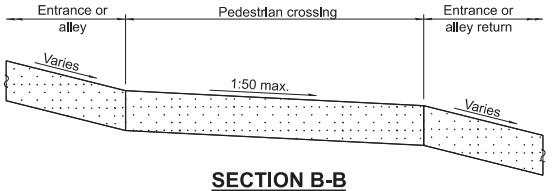
ENTRANCE / ALLEY PEDESTRIAN CROSSING



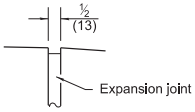
SECTION A-A

① Turning space not required for blended transitions.

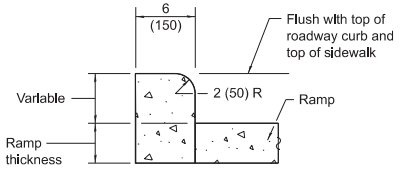
④ The running slope of a curb ramp shall be 1:20 min and 1:12 max. The running slope of a blended transition shall be 1:20 max.



SECTION B-B



DETAIL A



SIDE CURB DETAIL

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

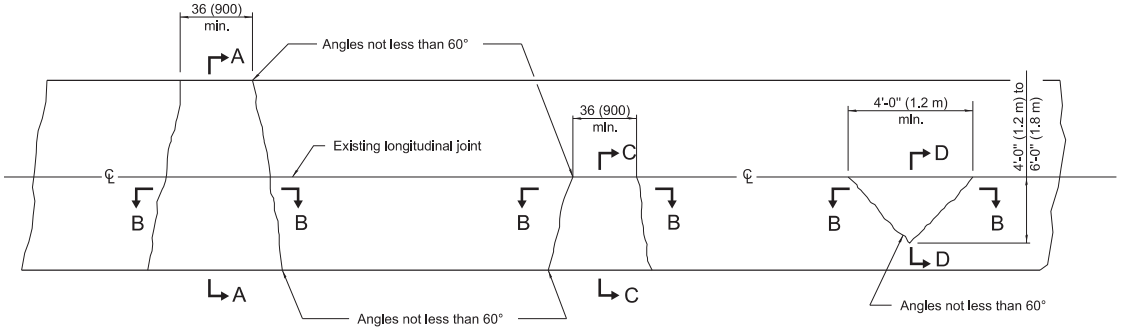
ISSUED 1-1-12

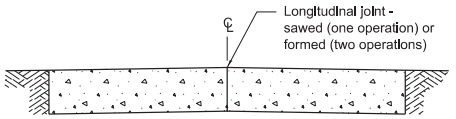
DATE	REVISIONS
1-1-19	Added blended transitions and
	placement tolerances for
	detectable warnings.
1-1-18	Omitted diagonal slope at
	upper landings.

ENTRANCE / ALLEY PEDESTRIAN CROSSINGS

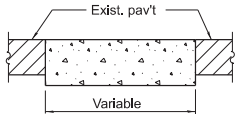
STANDARD 424026-03

CLASS C

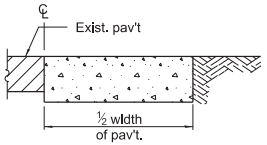




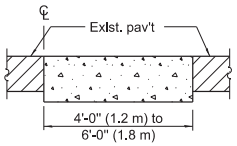
SECTION A-A



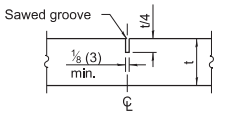
SECTION B-B



SECTION C-C



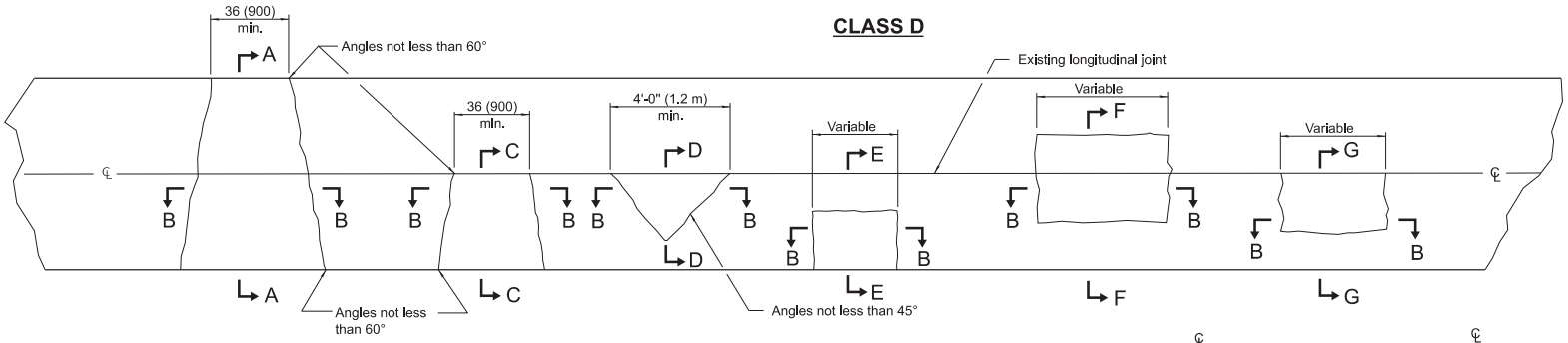
SECTION D-D

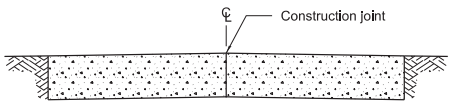


DETAIL OF SAWED CONTRACTION JOINT

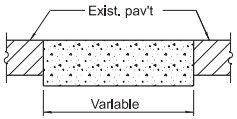
Note:
Longitudinal joints shall be as detailed on Standard 420001, except tie bars are not required for patches 20'-0" (6.0 m) or less in length.

CLASS D

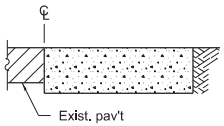




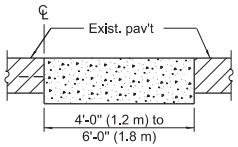
SECTION A-A
(Built in two operations)



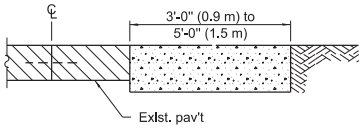
SECTION B-B



SECTION C-C



SECTION D-D

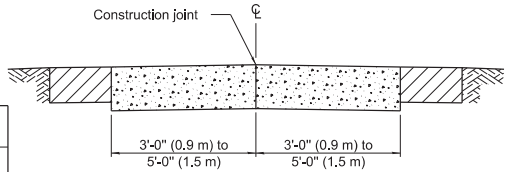


SECTION E-E

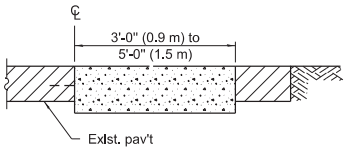
GENERAL NOTES

Existing tie bars shall be either cut or removed. Marginal bars shall be cut.

All dimensions are in inches (millimeters) unless otherwise shown.



SECTION F-F
(Built in two operations)



SECTION G-G

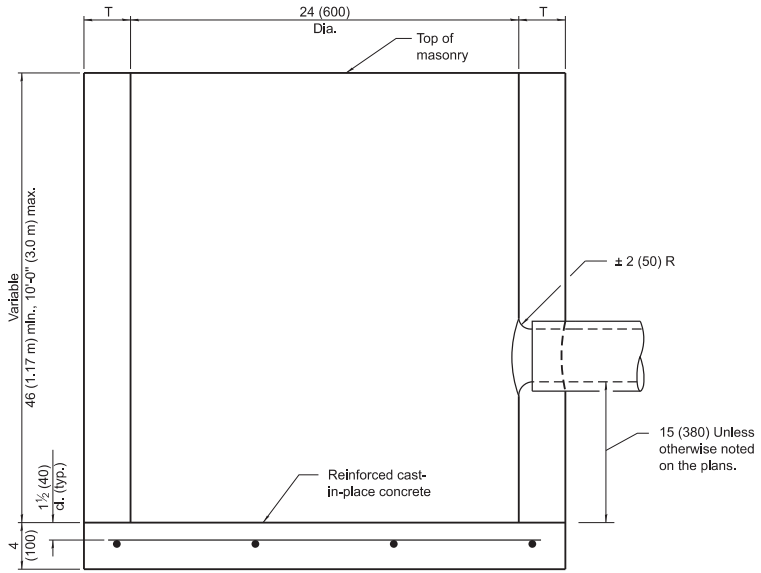
Illinois Department of Transportation

APPROVED January 1, 2008	ENGINEER OF POLICY AND PROCEDURES	ISSUED 1-1-97
APPROVED January 1, 2008	ENGINEER OF DESIGN AND ENVIRONMENT	

DATE	REVISIONS
1-1-08	Switched units to English (metric).
1-1-07	Revised Note for Class C patches.

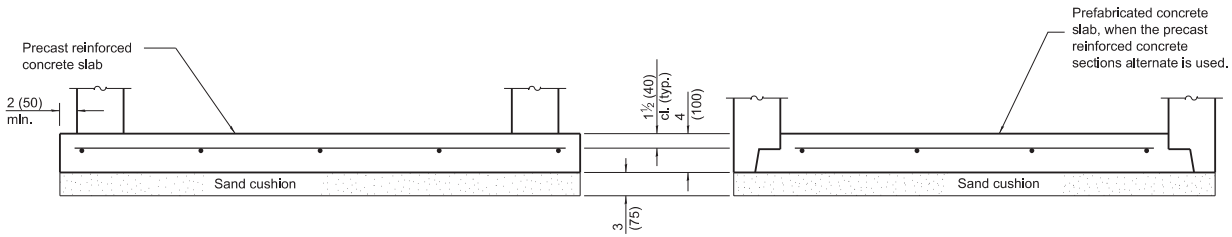
CLASS C and D PATCHES

STANDARD 442201-03



ELEVATION

ALTERNATE MATERIALS FOR WALLS	T (min)
Precast Reinforced Concrete Section	3 (75)
Concrete Masonry Unit	5 (125)
Cast-In-Place Concrete	6 (150)
Brick Masonry	8 (200)



ALTERNATE BOTTOM SLAB

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.27 sq. in./ft. (570 sq. mm/m) in both directions with a maximum spacing of 9 (230).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2011
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

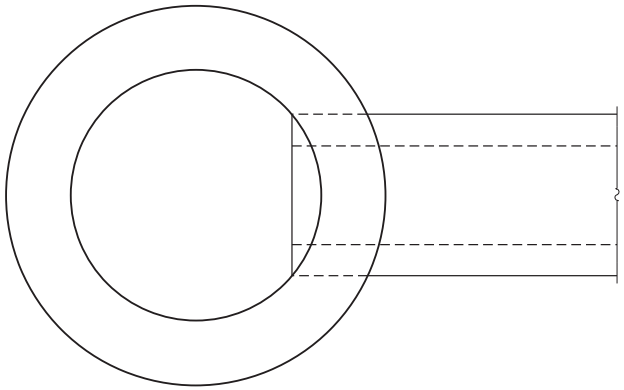
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

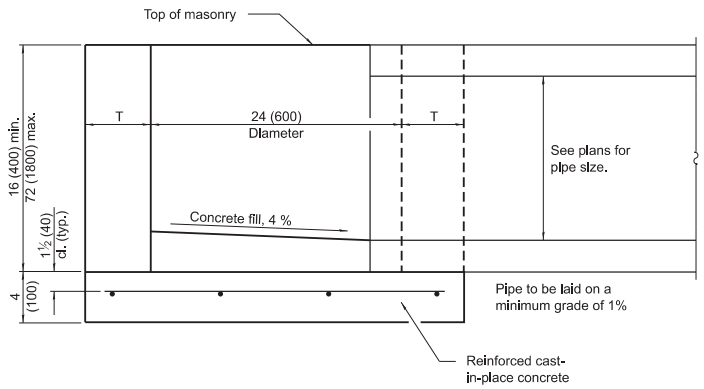
DATE	REVISIONS
1-1-11	Detailed rein. in slabs. Added
	max limit to height. Added
	general notes.
1-1-09	Switched units to English (metric).

CATCH BASIN TYPE C

STANDARD 602011-02

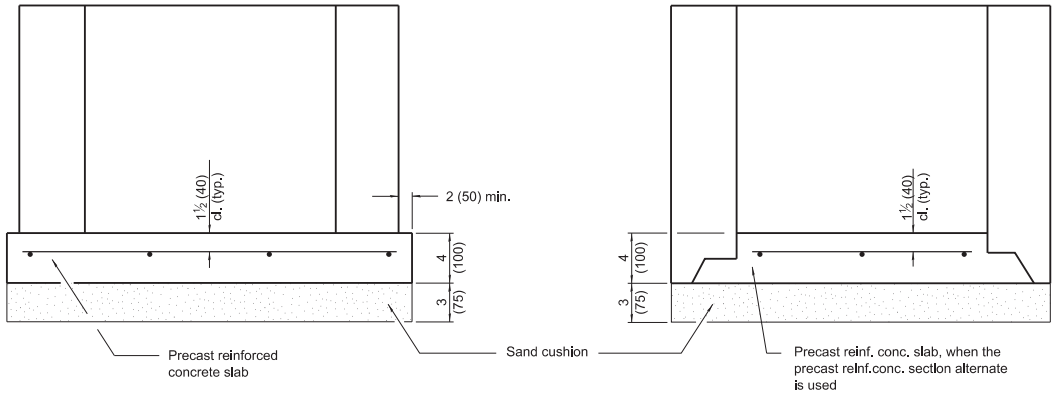


PLAN



ELEVATION

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8 (200)
CAST-IN-PLACE CONCRETE	6 (150)
CONCRETE MASONRY UNIT	5 (125)
PRECAST REINFORCED CONCRETE SECTION	3 (75)



ALTERNATE METHODS

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.24 sq. in./ft. (510 sq. mm/m) in both directions with a maximum spacing of 10 (250).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2014
Michael Briand
ENGINEER OF POLICY AND PROCEDURES

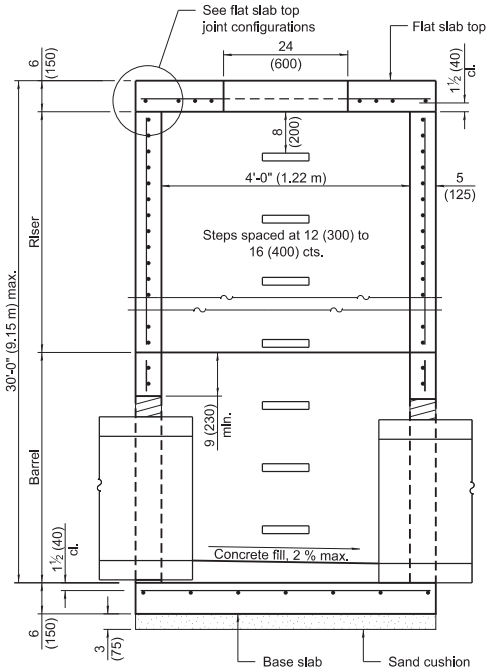
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-14	Increased height to
	72 (1800) maximum.
1-1-11	Detailed rein. in slabs. Added max.
	limit to hight. Added general notes.

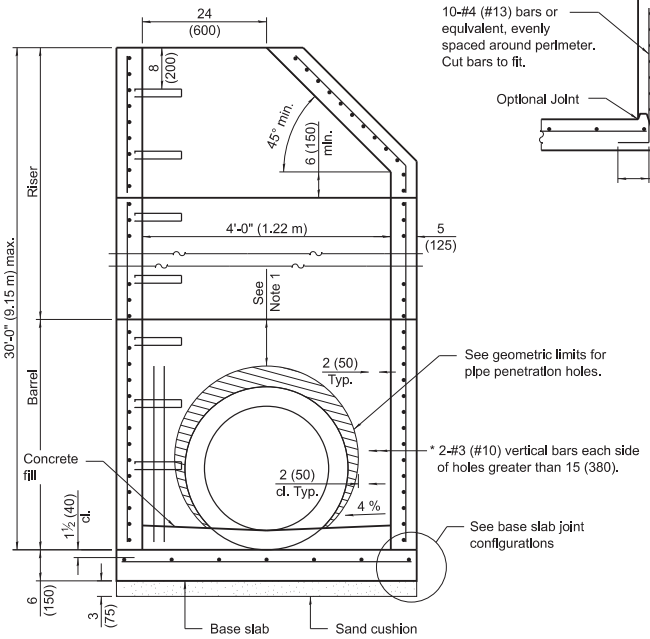
INLET - TYPE A

STANDARD 602301-04



SECTION PARALLEL TO PIPE

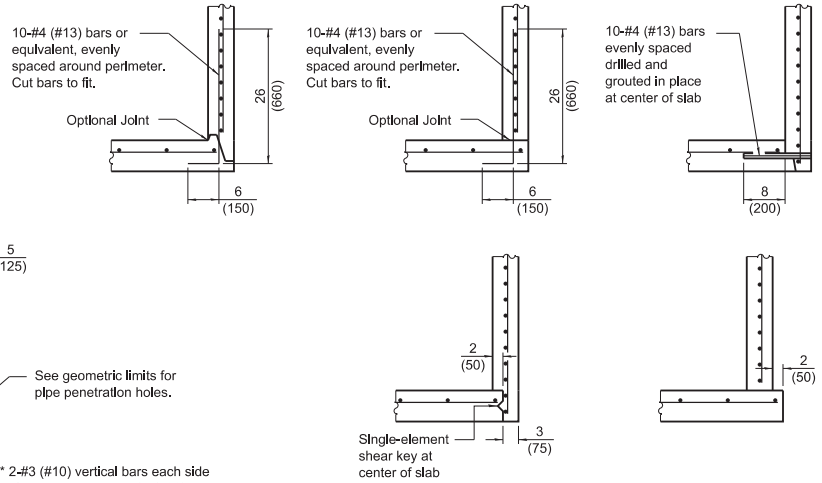
(Without conical top riser)



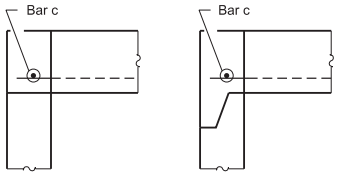
SECTION PERPENDICULAR TO PIPE

(With conical top riser)

* As an alternate, the barrel wall reinforcement may be reduced to riser wall reinforcement with #3 (#10) bars placed around the pipe penetration holes as shown. This option may be utilized when the pipe penetration holes are formed as opposed to cored.



BASE SLAB JOINT CONFIGURATIONS



FLAT SLAB TOP JOINT CONFIGURATIONS

(Shown at access hole)

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

Note 1: A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 24 (600).

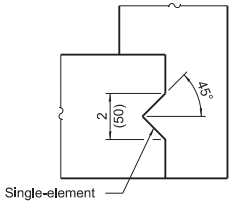
Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).

Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.

Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.

Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).

Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.



SHEAR KEY GEOMETRY

(Reinforcement not shown for clarity)

GENERAL NOTES

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

Illinois Department of Transportation

APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

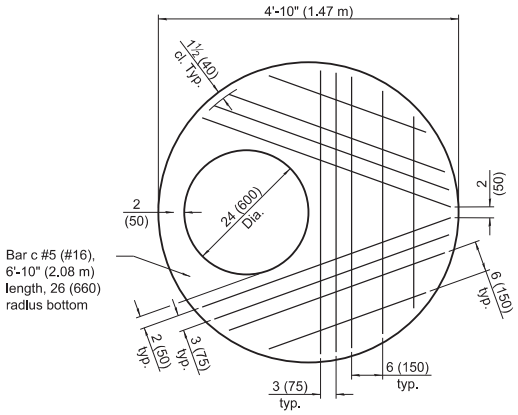
ISSUED 1-1-07

DATE	REVISIONS
1-1-21	Revised Note 1 and lift hole
	general note.
3-1-19	Moved wall reinforcement from
	inside face to middle.

PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER

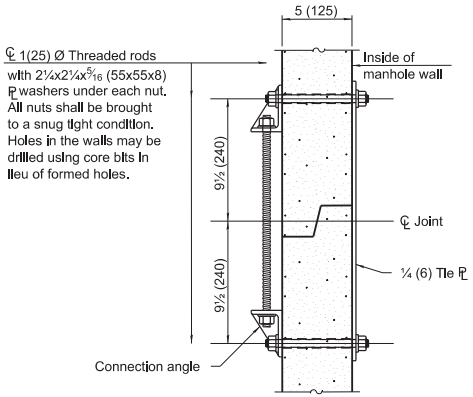
(Sheet 1 of 2)

STANDARD 602401-07

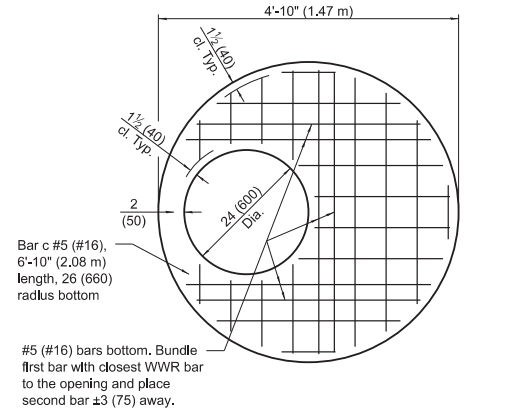


PLAN - FLAT SLAB TOP

(Showing layout of reinforcement bars and c bars)

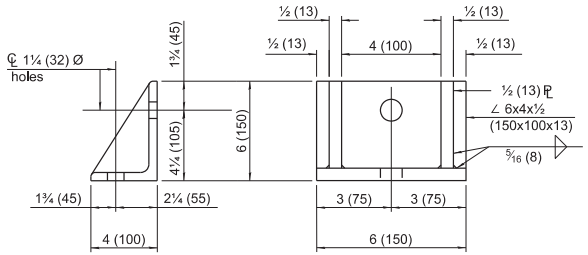


JOINT SPLICE

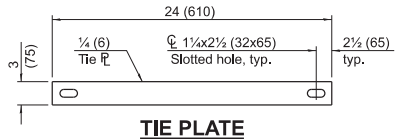


PLAN - FLAT SLAB TOP

(Showing layout of welded wire reinforcement and c bars)



CONNECTION ANGLE



TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	WWR (each direction)		Rebar		
	A_s(min.)	Spacing (max.)	A_s(min.)	Spacing (max.)	Bar Size
Bottom Mat	** 0.62 sq. In./ft. (1312 sq. mm/m)	6 (150)	See plan vlew for rebar orlentatlon and spacing and this table for bar size		#5 (#16)

** Only one layer of WWR permltted to avold congestlon.

WALL REINFORCEMENT

Locatlon	Orlentatlon	WWR or Rebar	
		A_s(min.)	Spacing (max.)
Rlser	Clrcumferentlal	0.12 sq. In./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. In./ft. (95 sq. mm/m)	8 (200)
Barrel	Clrcumferentlal	0.12 sq. In./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.16 sq. In./ft. (339 sq. mm/m)	4 (100)

BASE SLAB REINFORCEMENT

Locatlon	Total Helght	WWR or Rebar (each direction)	
		A_s(mln.)	Spacing (max.)
Top Mat	≤ 20 ft. (6.10 m)	0.24 sq. In./ft. (508 sq. mm/m)	10 (250)
	> 20 ft. (6.10 m)	0.24 sq. In./ft. (508 sq. mm/m)	10 (250)

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APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

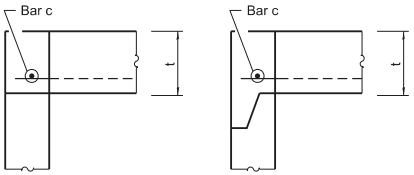
APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER

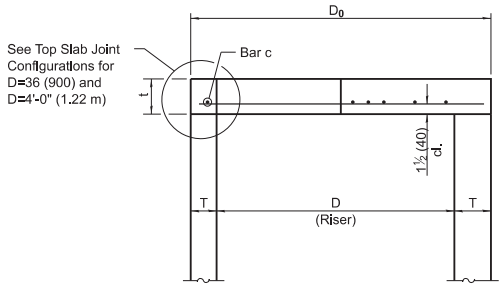
(Sheet 2 of 2)

STANDARD 602401-07

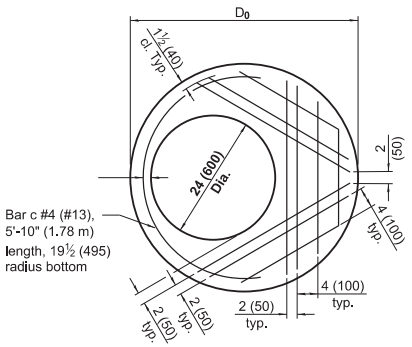


FLAT SLAB TOP JOINT CONFIGURATIONS FOR D = 36 (900) AND D = 4'-0" (1.22 m)

(Shown at access hole)

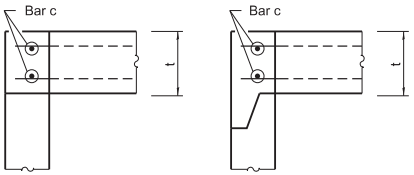


SECTION THRU FLAT SLAB TOP FOR D = 36 (900) AND D = 4'-0" (1.22 m)



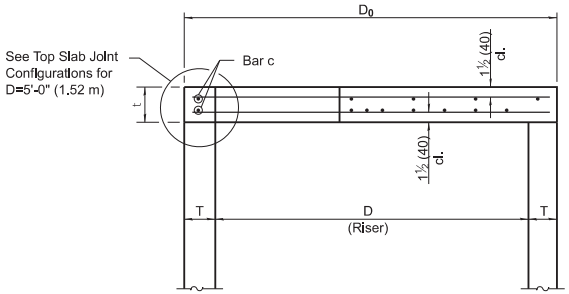
PLAN - FLAT SLAB TOP FOR D = 36 (900)

(Showing layout of reinforcement bars and c bars)

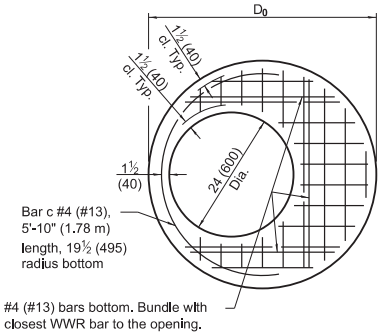


FLAT SLAB TOP JOINT CONFIGURATIONS D = 5'-0" (1.52 m)

(Shown at access hole)



SECTION THRU FLAT SLAB TOP FOR D = 5'-0" (1.52 m)



PLAN - FLAT SLAB TOP FOR D = 36 (900)

(Showing layout of welded wire reinforcement and c bars)

TABLE

D	T	D_0 (min.)	t
36 (900)	See applicable Standards	D + 2T	6 (150)
4'-0" (1.2 m)			6 (150)
5'-0" (1.5 m)			8 (200)

GENERAL NOTES

The flat slab top may be used in lieu of the tapered tops shown on Standards 602001, 602016, or 602306 at the option of the Contractor or when field conditions prohibit the use of tapered tops.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

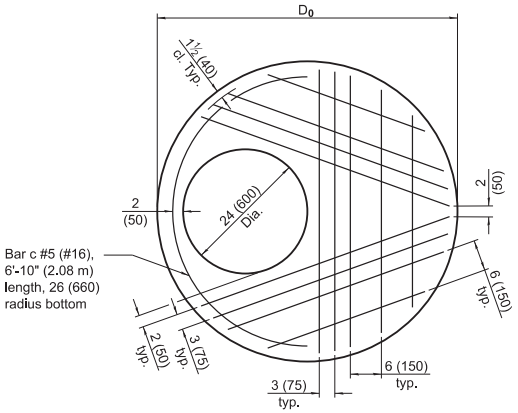
ISSUED 1-1-97

DATE	REVISIONS
1-1-19	Expanded / refined reinforcement
	options.
1-1-18	Revised for compliance with LRFD.

PRECAST REINFORCED CONCRETE FLAT SLAB TOP

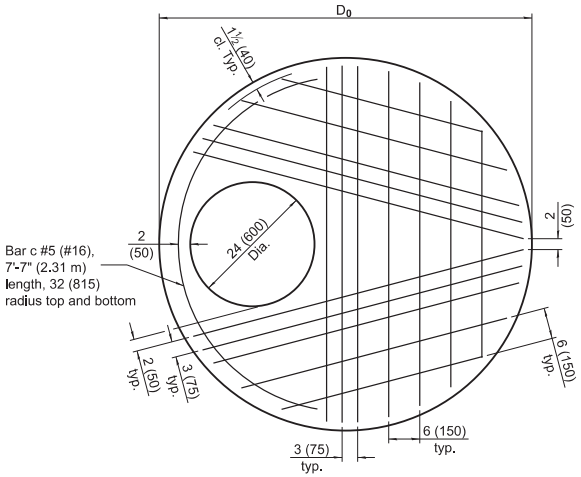
(Sheet 1 of 2)

STANDARD 602601-06



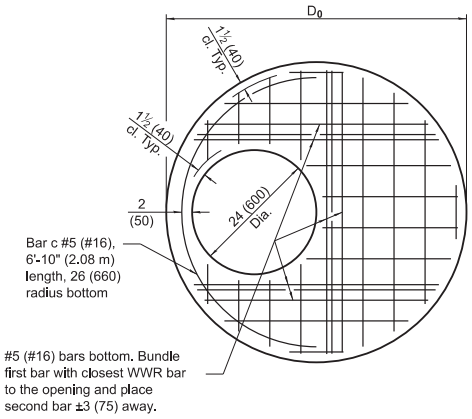
PLAN - FLAT SLAB TOP FOR D = 4'-0" (1.22 m)

(Showing layout of reinforcement bars and c bars)



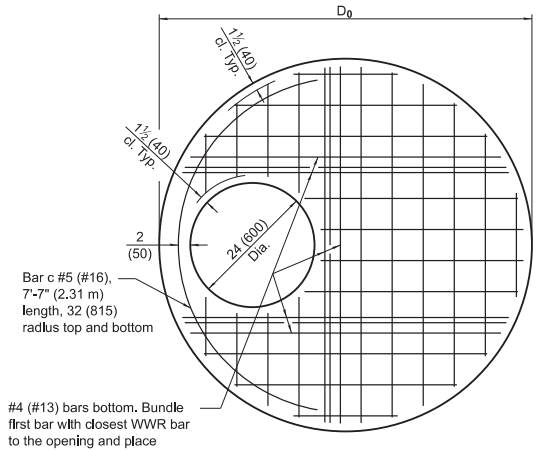
PLAN - FLAT SLAB TOP FOR D = 5'-0" (1.52 m)

(Showing layout of bottom reinforcement bars and c bars)



PLAN - FLAT SLAB TOP FOR D = 4'-0" (1.22 m)

(Showing layout of welded wire reinforcement and c bars)



PLAN - FLAT SLAB TOP FOR D = 5'-0" (1.52 m)

(Showing layout of welded wire reinforcement and c bars)

FLAT SLAB TOP REINFORCEMENT FOR D = 36 (900)

Location	WWR (each direction)		Rebar		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Bottom Mat	* 0.60 sq. in./ft. (1270 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#4 (#13)

FLAT SLAB TOP REINFORCEMENT FOR D = 4'-0" (1.22 m)

Location	WWR (each direction)		Rebar		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Bottom Mat	* 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)

FLAT SLAB TOP REINFORCEMENT FOR D = 5'-0" (1.52 m)

Location	WWR (each direction)		Rebar (each direction except as noted)		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Top Mat	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	* 0.40 sq. in./ft. (847 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#4 (#13)

* Only one layer of WWR permitted to avoid congestion.

Illinois Department of Transportation

APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

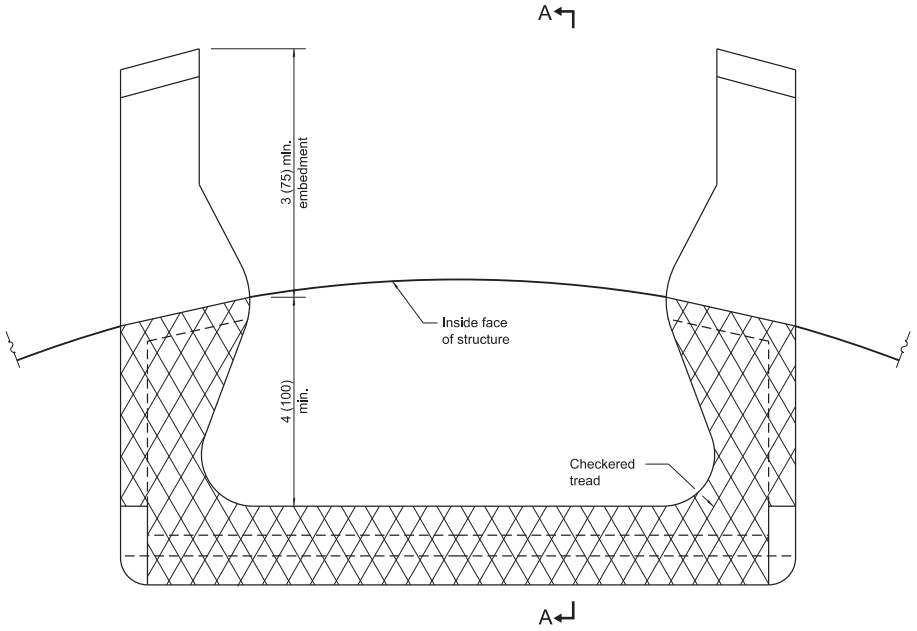
ISSUED 1-1-07

PRECAST REINFORCED CONCRETE FLAT SLAB TOP

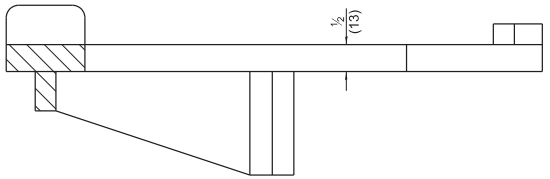
(Sheet 2 of 2)

STANDARD 602601-06

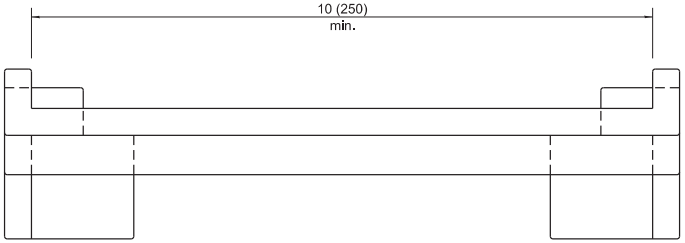
CAST IRON STEPS



PLAN VIEW



SECTION A-A



ELEVATION VIEW

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

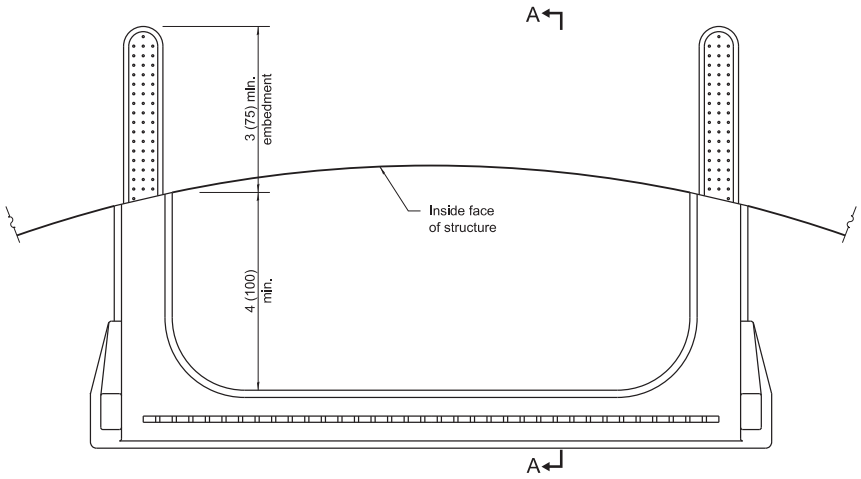
ISSUED 1-1-97

DATE	REVISIONS
1-1-09	Switched units to English (metric).
4-1-06	Revised title, drawings, and added
	plastic steps on sheet 2.

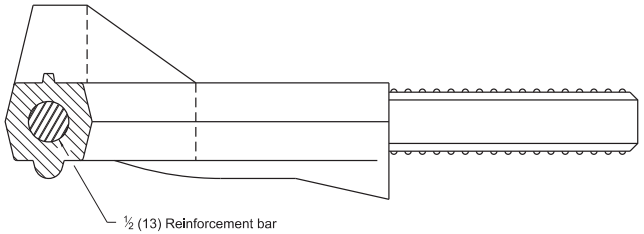
MANHOLE STEPS

(Sheet 1 of 2)

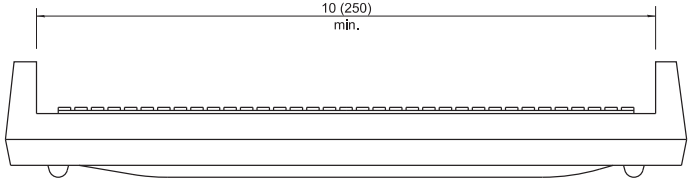
STANDARD 602701-02



PLAN VIEW



SECTION A-A



ELEVATION VIEW

Illinois Department of Transportation

APPROVED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES

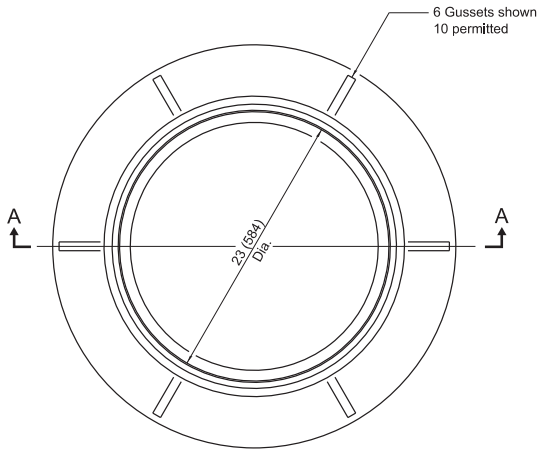
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

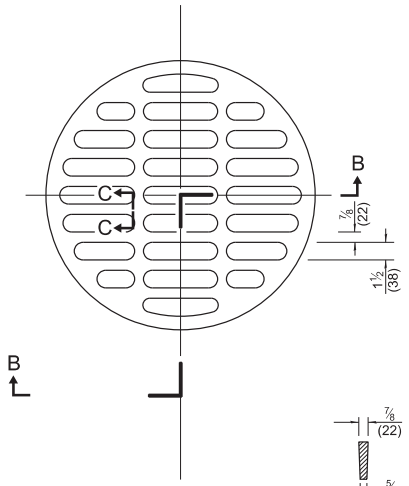
MANHOLE STEPS

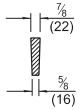
(Sheet 2 of 2)

STANDARD 602701-02

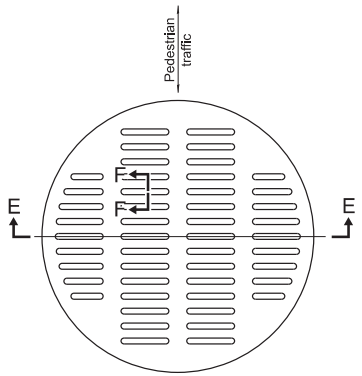


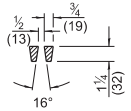
CAST FRAME



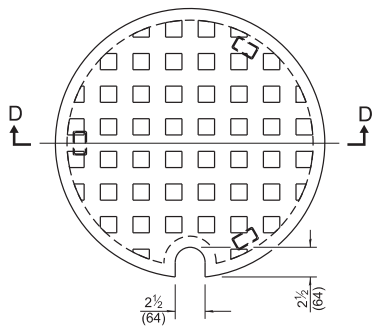


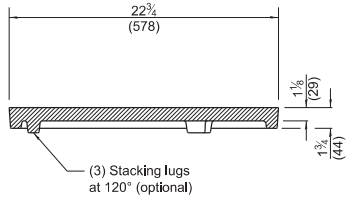
SECTION C-C





SECTION F-F

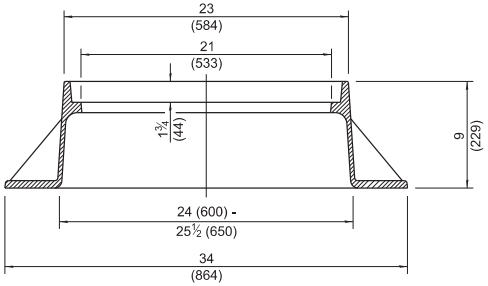




SECTION D-D

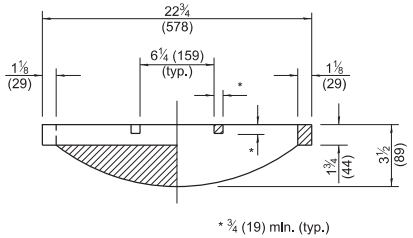
CAST CLOSED LID

Gray Iron Lid



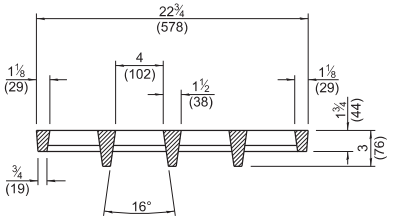
SECTION A-A

Gray Iron



SECTION B-B

CAST OPEN LID



SECTION E-E

ADA COMPLIANT CAST OPEN LID

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2020
ENGINEER OF POLICY AND PROCEDURES

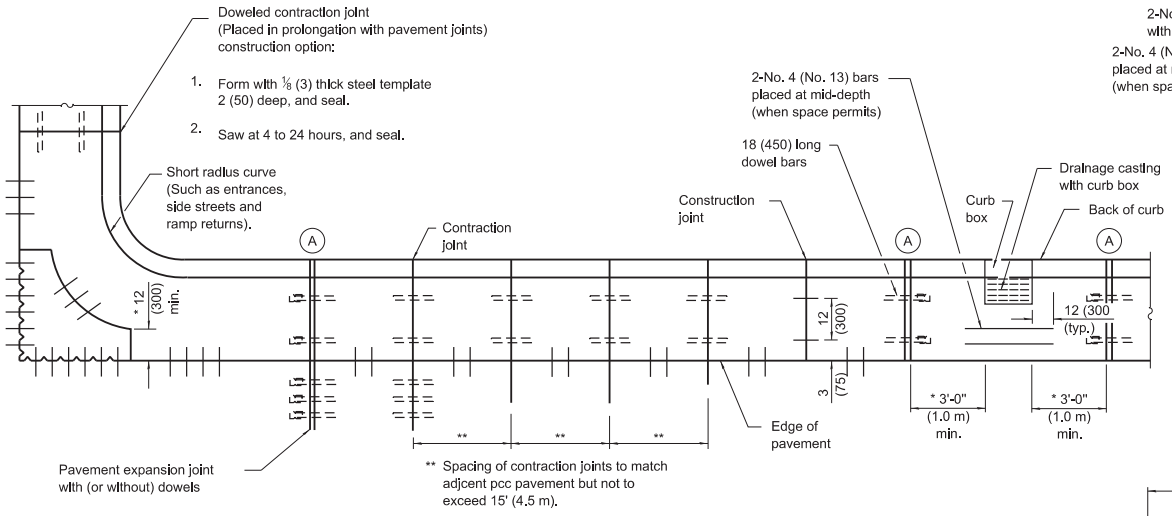
APPROVED January 1, 2020
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

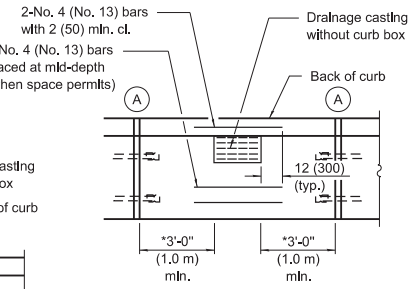
DATE	REVISIONS
1-1-20	Revised dimension in Section B-B
	of cast open lid.
1-1-15	Revised dimensioning of frame.
	Added ADA compliant open lid.

FRAME AND LIDS TYPE 1

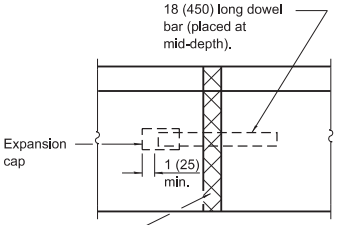
STANDARD 604001-05



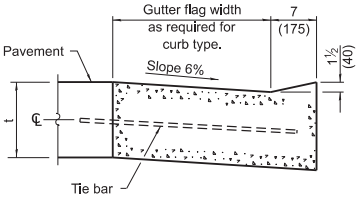
PLAN
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE



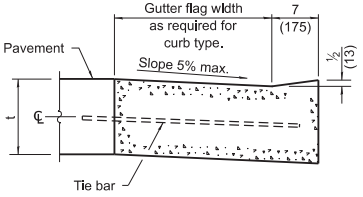
* This dimension shall be adjusted to align with joint on the adjacent pavement



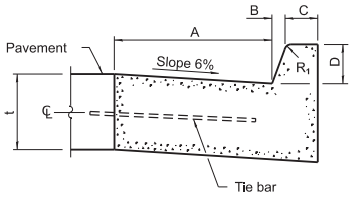
DETAIL Ⓐ
EXPANSION JOINT



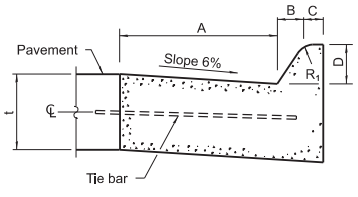
DEPRESSED CURB (TYPICAL)



DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



BARRIER CURB



MOUNTABLE CURB

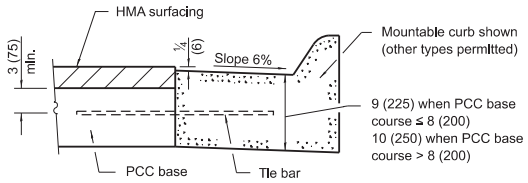
TABLE OF DIMENSIONS
BARRIER CURB

TYPE	A	B	C	D	R_1
B-6.06 * (B-15.15)	6 (150)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.12 (B-15.3)	12 (300)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.18 (B-15.45)	18 (450)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.24 (B-15.60)	24 (600)	1 (25)	6 (150)	6 (150)	1 (25)
B-9.12 (B-22.30)	12 (300)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.18 (B-22.45)	18 (450)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.24 (B-22.60)	24 (600)	2 (50)	5 (125)	9 (225)	1 (25)

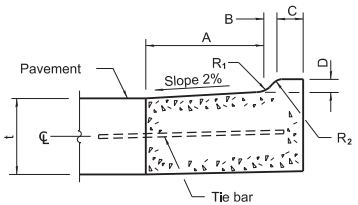
* For corner islands only.

TABLE OF DIMENSIONS
MOUNTABLE CURB

TYPE	A	B	C	D	R_1	R_2
M-2.06 (M-5.15)	6 (150)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-2.12 (M-5.30)	12 (300)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-4.06 (M-10.15)	6 (150)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.12 (M-10.30)	12 (300)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.18 (M-10.45)	18 (450)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.24 (M-10.60)	24 (600)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-6.06 (M-15.15)	6 (150)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.12 (M-15.30)	12 (300)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.18 (M-15.45)	18 (450)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.24 (M-15.60)	24 (600)	6 (150)	2 (50)	6 (150)	2 (50)	NA



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



M-2.06 (M-5.15) and M-2.12 (M-5.30)

GENERAL NOTES

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

t = Thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 36 (900) centers in accordance with details for longitudinal construction joint shown on Standard 420001.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

The dowel bars shown in contraction joints will only be required for monolithic construction.

See Standard 606301 for details of corner islands.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2022
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

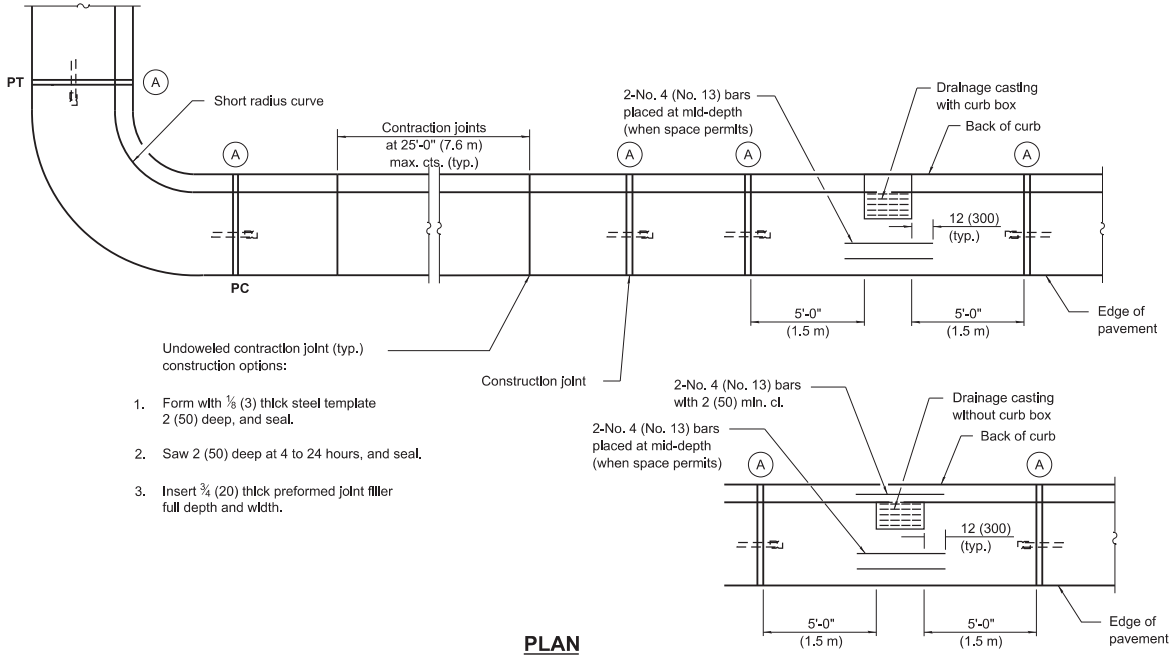
APPROVED January 1, 2022
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

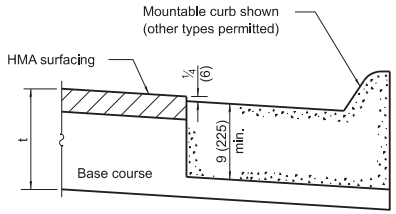
DATE	REVISIONS
1-1-22	Revised contract joint spacing
	adjacent to pcc pavement.
1-1-18	Revised General Note for tie bar
	spacing to 36 (900) cts.

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
(Sheet 1 of 2)

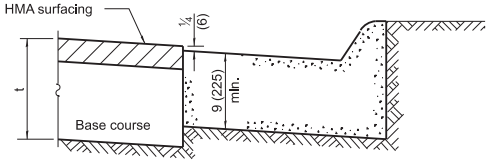
STANDARD 606001-08



PLAN

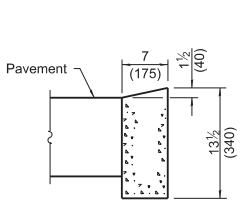


ON DISTURBED SUBGRADE

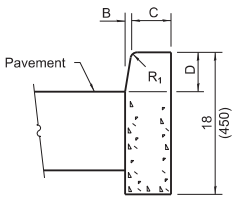


ON UNDISTURBED SUBGRADE

ADJACENT TO FLEXIBLE PAVEMENT

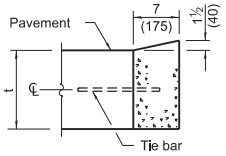


DEPRESSED CURB

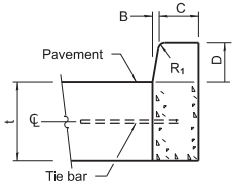


BARRIER CURB

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB



BARRIER CURB

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

Illinois Department of Transportation

APPROVED January 1, 2022
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

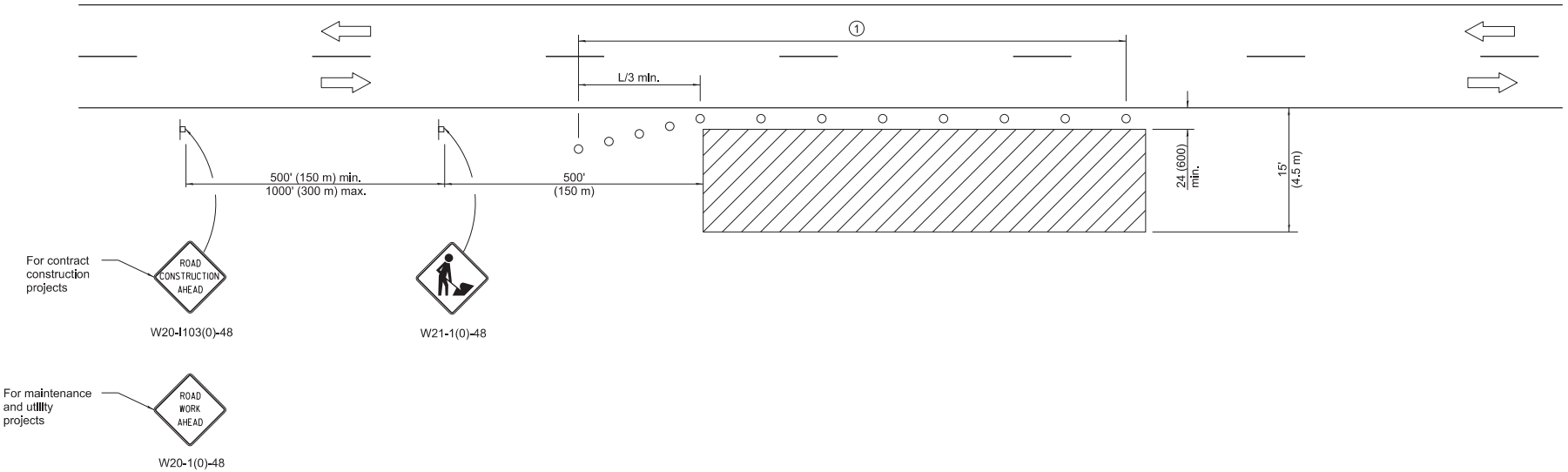
APPROVED January 1, 2022
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 2 of 2)

STANDARD 606001-08



TYPICAL APPLICATIONS

Utility operations
Culvert extensions
Side slope changes
Guardrail installation and maintenance
Delineator installation
Landscaping operations
Shoulder repair
Sign installation and maintenance

SYMBOLS

Work area

Sign

Cone, drum or barricade

① When the work operation exceeds one hour, cones, drums or barricades shall be placed at 25' (8 m) centers for L/3 distance, and at 50' (15 m) centers through the remainder of the work area.

GENERAL NOTES

This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 15' (4.5 m) to 24 (600) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT	FORMULAS English	FORMULAS (Metric)
40 mph (70 km/h) or less:	$L=\frac{WS^2}{60}$	$L=\frac{WS^2}{150}$
45 mph (80 km/h) or greater:	L=(W)(S)	L=0.65(W)(S)

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2014
ENGINEER OF SAFETY ENGINEERING

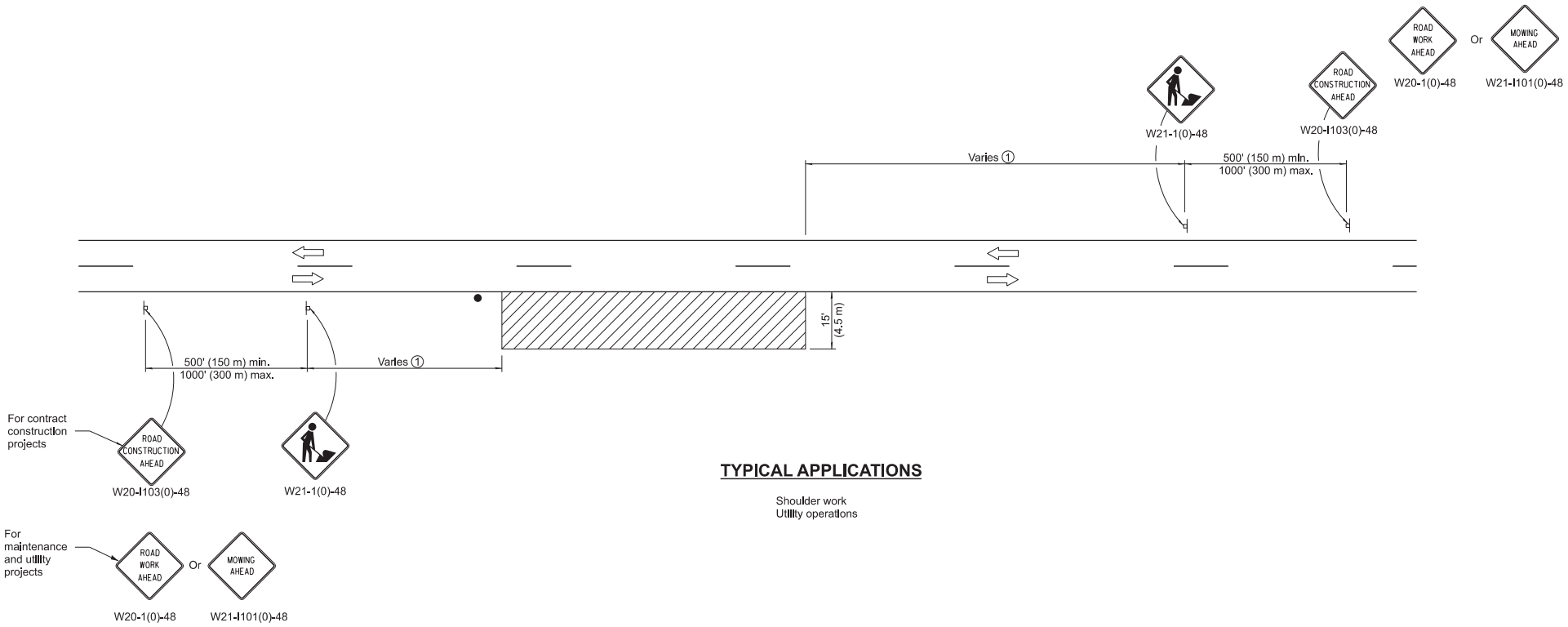
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-14	Revised workers sign number to
	agree with current MUTCD.
1-1-13	Omitted text 'WORKERS' sign.

OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

STANDARD 701006-05



TYPICAL APPLICATIONS

Shoulder work
Utility operations

SYMBOLS

Work area

Sign

Flagger with traffic control sign when required

① Minimum distance is 200' (60 m). Maximum distance to be determined by the Engineer but should not exceed ½ the length required for one normal working day's operation, or 4 miles (6.4 km) whichever is less.

GENERAL NOTES

This Standard is used where at any time, any vehicle, equipment. workers or their activities require an intermittent or continuous moving operation on the shoulder, where the average speed is 1 mph (2 km/h) or less.

When the work operation does not exceed 60 minutes, traffic control may be according to Standard 701301.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2014
ENGINEER OF SAFETY ENGINEERING

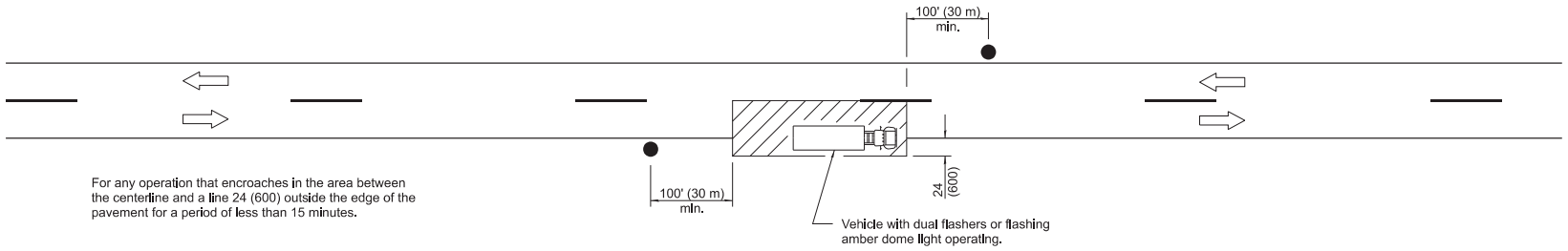
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

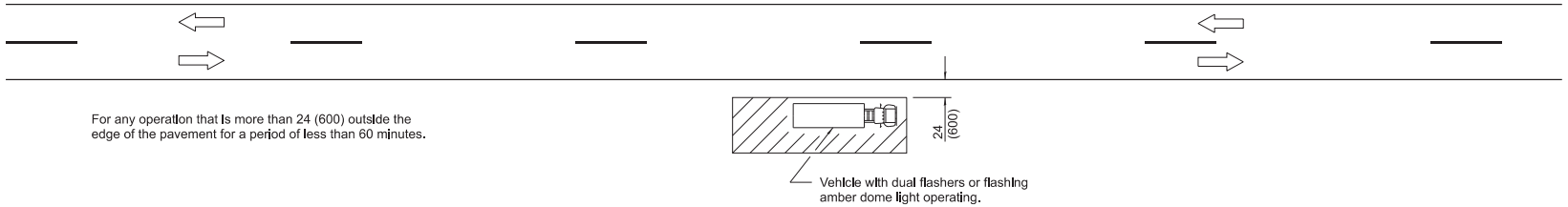
DATE	REVISIONS
1-1-14	Revised workers sign number to
	agree with current MUTCD.
1-1-13	Omitted text 'WORKERS' sign.

OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY

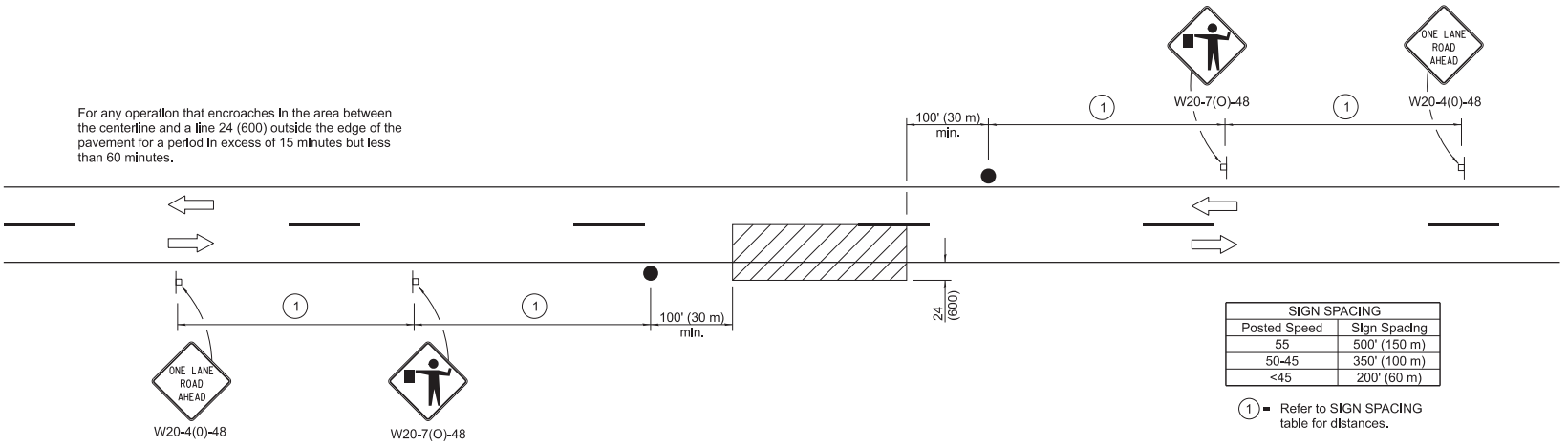
STANDARD 701011-04



For any operation that encroaches in the area between the centerline and a line 24 (600) outside the edge of the pavement for a period of less than 15 minutes.



For any operation that is more than 24 (600) outside the edge of the pavement for a period of less than 60 minutes.



For any operation that encroaches in the area between the centerline and a line 24 (600) outside the edge of the pavement for a period in excess of 15 minutes but less than 60 minutes.

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

(1) = Refer to SIGN SPACING table for distances.

TYPICAL APPLICATIONS

Marking patches
Field survey
String line
Utility operations
Cleaning up debris on pavement

SYMBOLS

Work area
Sign on portable or permanent support
Flagger with traffic control sign

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

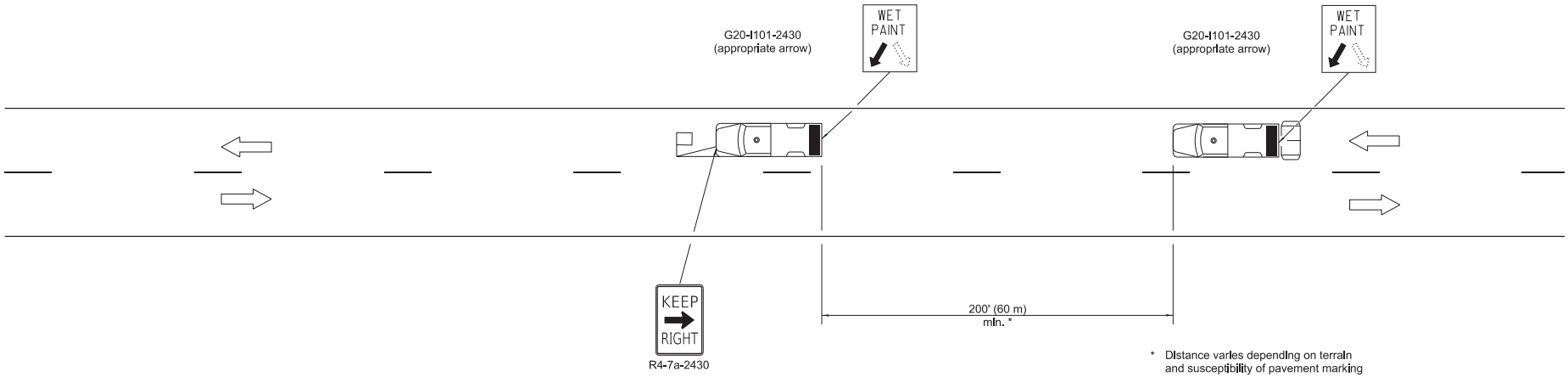
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

STANDARD 701301-04



* Distance varies depending on terrain and susceptibility of pavement marking or crack sealant to wheel tracking.

TYPICAL APPLICATIONS

Landscaping work
Utility work
Pavement marking
Weed spraying
Roadometer measurements
Debris cleanup
Crack pouring

SYMBOLS

Arrow board (Hazard Mode only)

Truck with headlights, emergency flashers and flashing amber light. (visible from all directions)

18 x 18 (450x450) min. orange flag (use when guide wheel is used)

Truck mounted attenuator

GENERAL NOTES

This Standard is used where any vehicle, equipment, workers or their activities will require a continuous moving operation where the average speed is greater than 3 mph (5 km/h).

For shoulder operations not encroaching on the pavement, use DETAIL A, Standard 701426.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2009
ENGINEER OF OPERATIONS

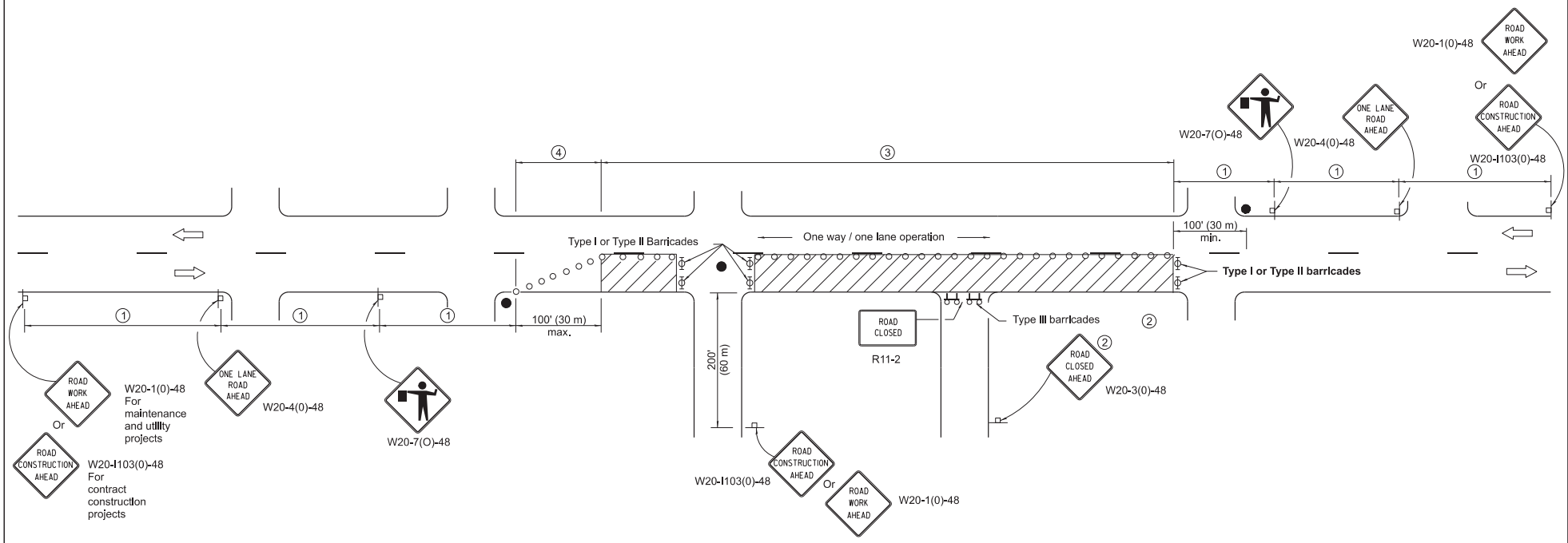
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-09	Switched units to English (metric).
	Omitted Pass With Care sign.
1-1-00	Eliminated speed restrictions
	in Standard title.

LANE CLOSURE 2L, 2W MOVING OPERATIONS- DAY ONLY

STANDARD 701311-03



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

1. Refer to SIGN SPACING TABLE for distances.
2. For approved sideroad closures.
3. Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
4. Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

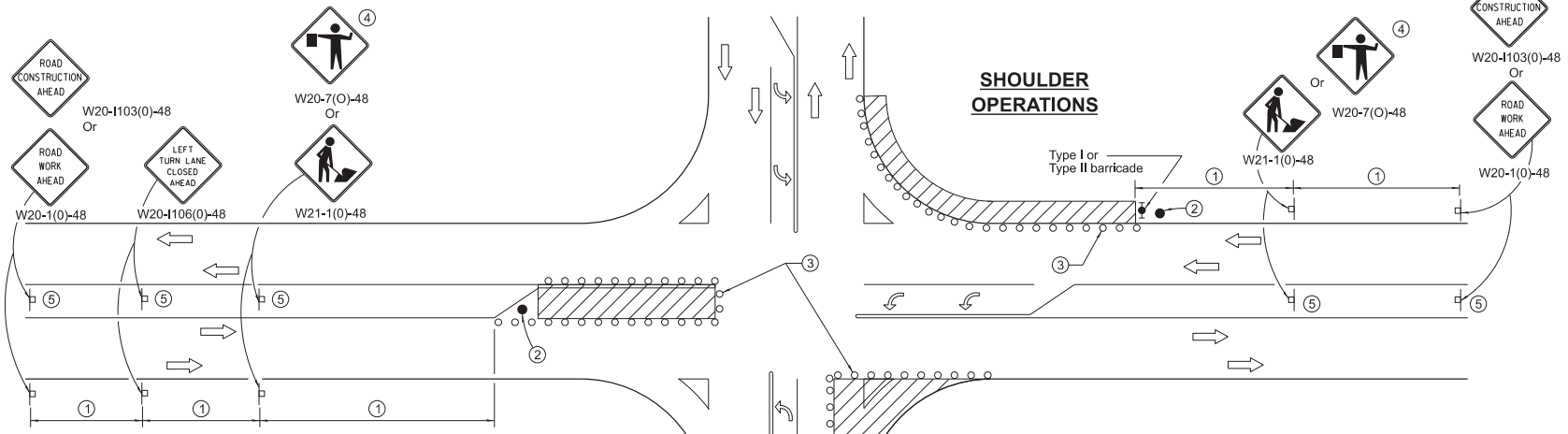
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).
	Corrected sign No.'s.

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06



LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

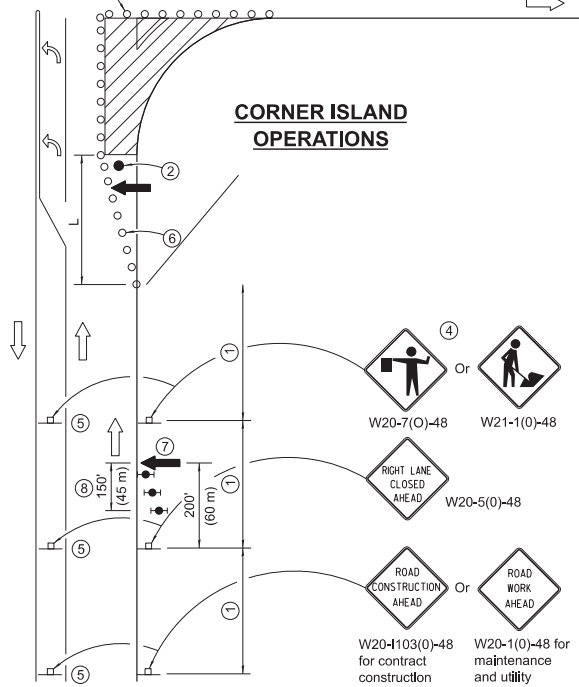
1. Refer to SIGN SPACING TABLE for distance.
2. Required for speed > 40 mph.
3. Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
4. Use flagger sign only when flagger is present.
5. Omit this sign when median is less than 10' (3 m) or for bi-directional turn lanes.
6. Cones, drums or barricades at 20' (6 m) centers in taper.
7. Advanced arrow board required for speeds > 45 mph.
8. Three Type II barricades, drums or vertical barricades at 50' (15 m) centers.

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade
- Sign on portable or permanent support
- Arrow board
- Barricade or drum with flashing light
- Flagger with traffic control sign

CORNER ISLAND OPERATIONS



GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in an urban area.

Calculate L as follows:

SPEED LIMIT	FORMULAS English	(Metric)
40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	L=(W)(S)	L=0.65(W)(S)

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

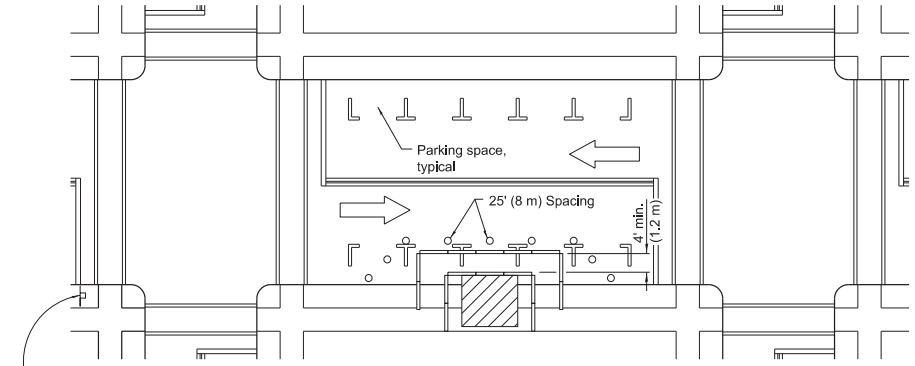
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
4-1-16	Corrected sign number for LEFT
	TURN LANE CLOSED AHEAD.
1-1-14	Added devices at arrow board
	upstream from taper. Revised
	workers sign number.

URBAN LANE CLOSURE, MULTILANE INTERSECTION

STANDARD 701701-10



① ROAD CONSTRUCTION AHEAD — W20-I103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

SIDEWALK DIVERSION

① Omit whenever duplicated by road work traffic control.

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

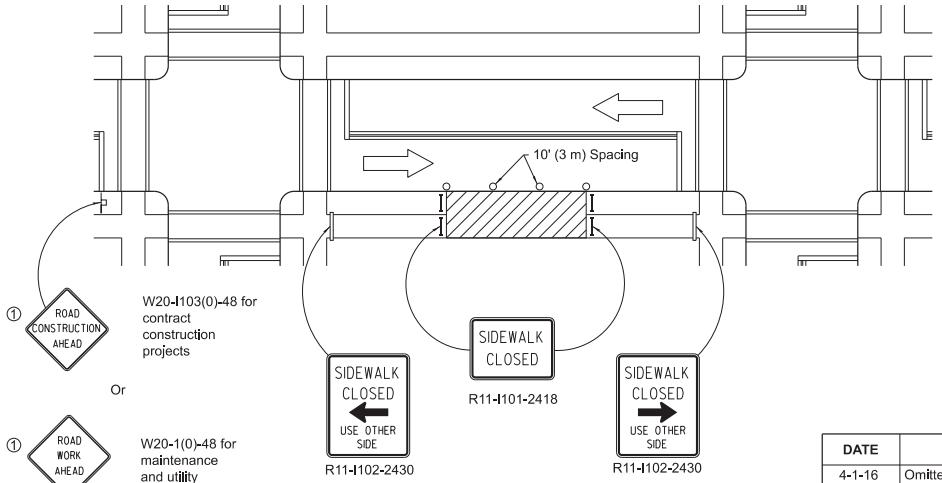
The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type II barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

All dimensions are in inches (millimeters) unless otherwise shown.

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade



① ROAD CONSTRUCTION AHEAD — W20-I103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

SIDEWALK CLOSURE

Illinois Department of Transportation

APPROVED January 1, 2016
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

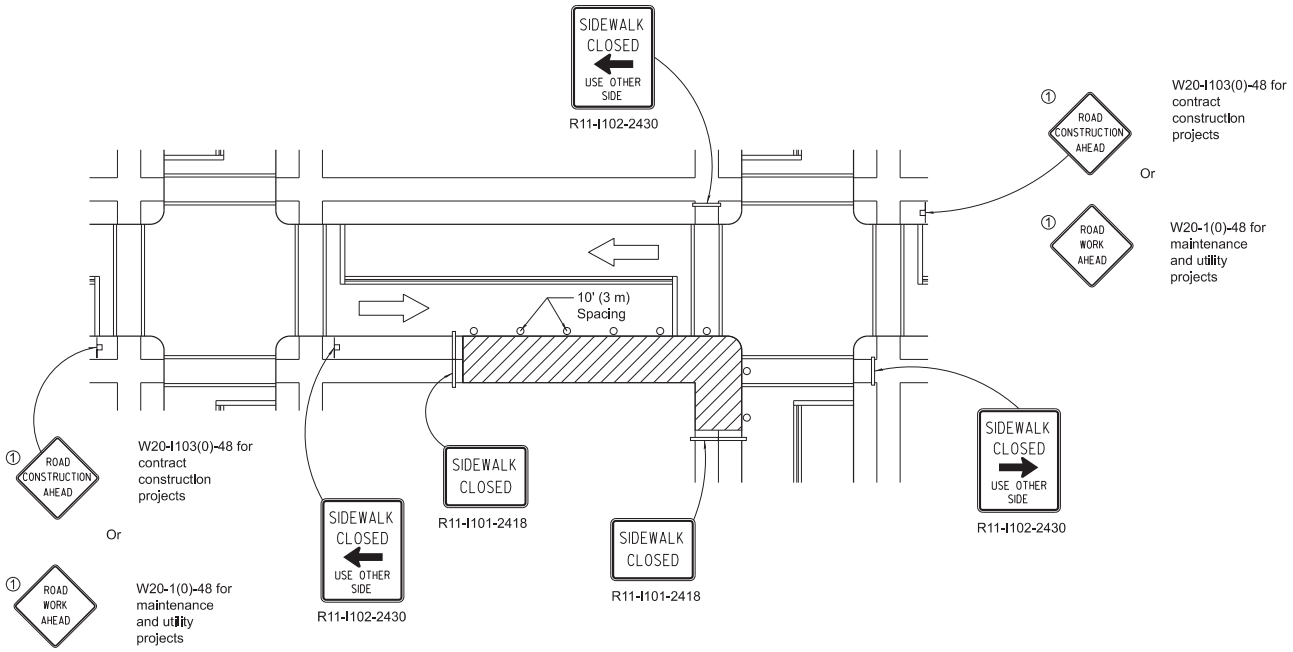
ISSUED 1-1-97

DATE	REVISIONS
4-1-16	Omitted orange safety fence from
	standard as this is covered in
	the standard spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of plan views.
	Renamed Standard.

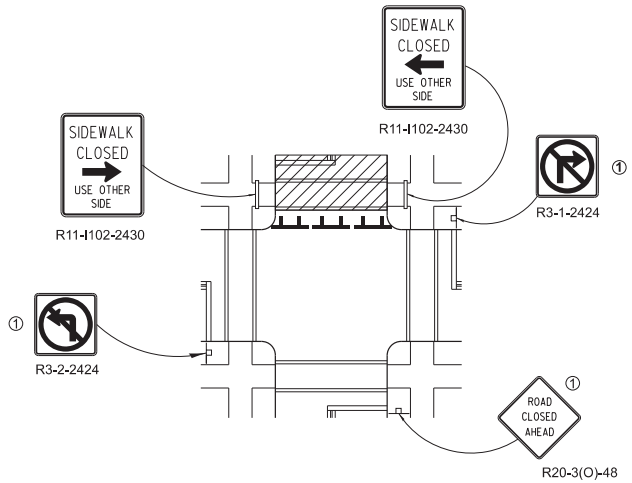
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06



CORNER CLOSURE



CROSSWALK CLOSURE

Illinois Department of Transportation

APPROVED January 1, 2016
ENGINEER OF SAFETY ENGINEERING

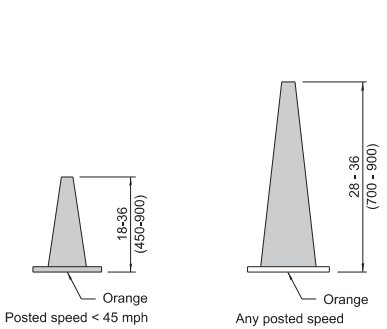
APPROVED January 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

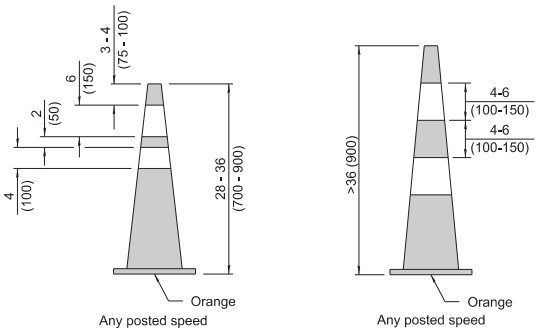
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

STANDARD 701801-06

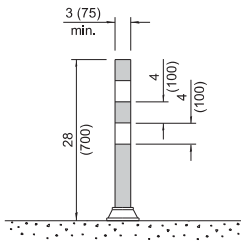


DAYTIME USE

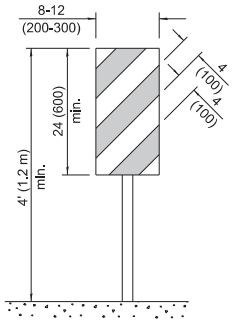


DAY OR NIGHTTIME USE

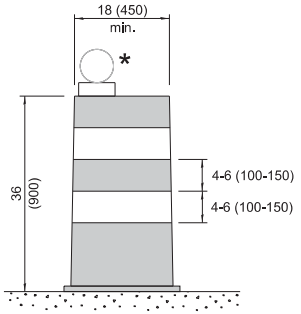
CONES



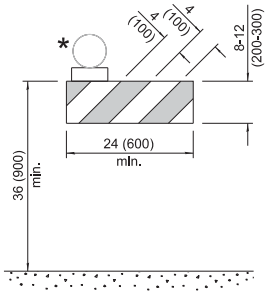
TUBULAR MARKER



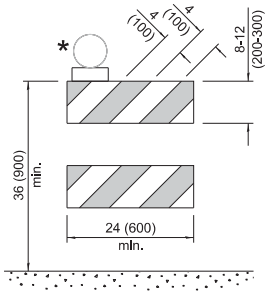
VERTICAL PANEL
POST MOUNTED



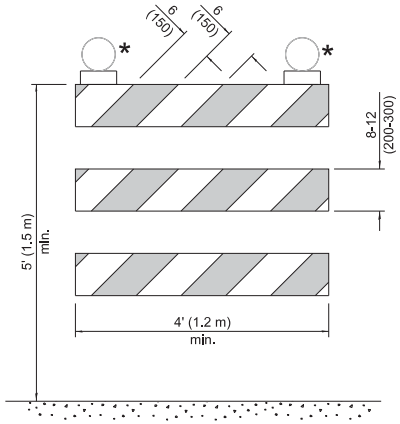
DRUM



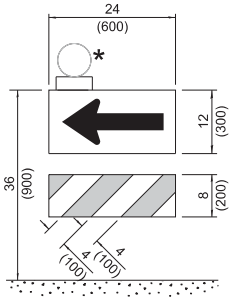
TYPE I BARRICADE



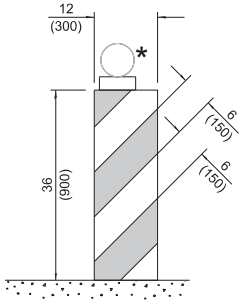
TYPE II BARRICADE



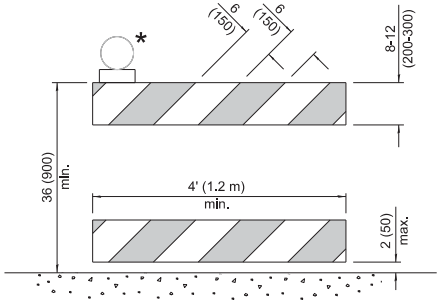
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

* Warning lights (If required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2024
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2024
ENGINEER OF DESIGN AND ENVIRONMENT

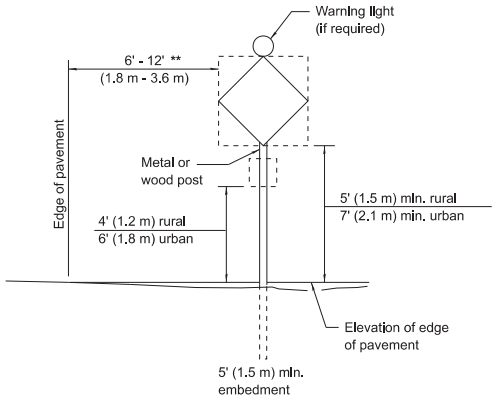
ISSUED 1-1-13

DATE	REVISIONS
1-1-24	Revised Type III Barricade notes
	(sht. 3) & moved warning light on
	post mounted signs to top center.
1-1-19	Revised conces usage and added
	cones > 36" (900 mm) height.

TRAFFIC CONTROL DEVICES

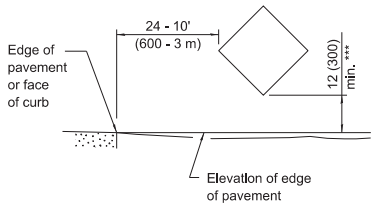
(Sheet 1 of 3)

STANDARD 701901-09



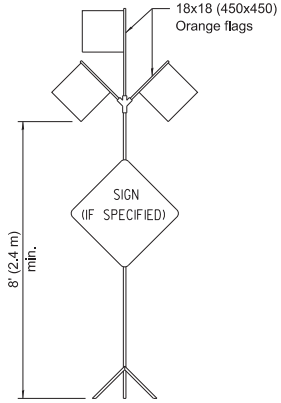
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.

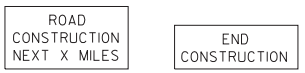


SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



HIGH LEVEL WARNING DEVICE



G20-I104(0)-6036 G20-I105(0)-6024

This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

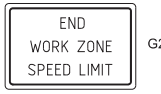
Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING



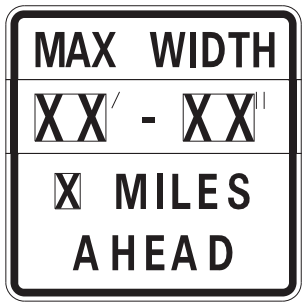
W21-III5(0)-3618
R2-1-3648
R10-I108p-3618 ****
R2-I106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.



G20-I103-6036

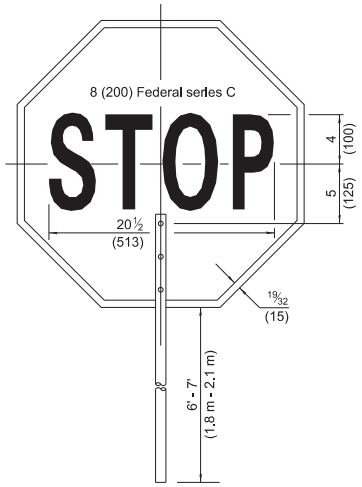
This sign shall be used when the above sign assembly is used.



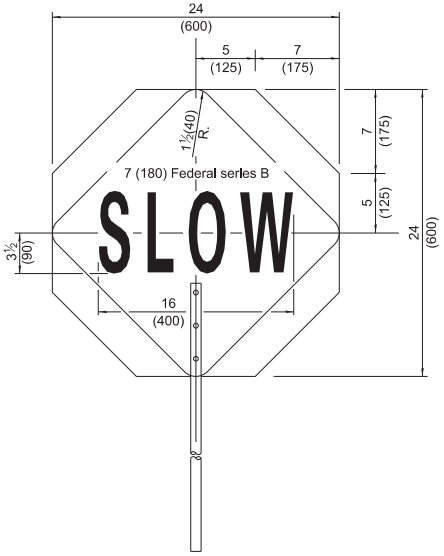
W12-I103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

**** R10-I108p shall only be used along roadways under the jurisdiction of the State.

Illinois Department of Transportation

APPROVED January 1, 2024
ENGINEER OF SAFETY PROG. AND ENGINEERING

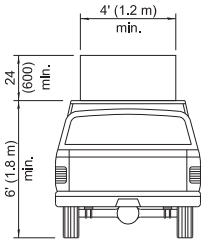
APPROVED January 1, 2024
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

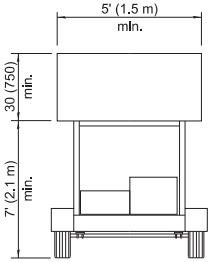
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

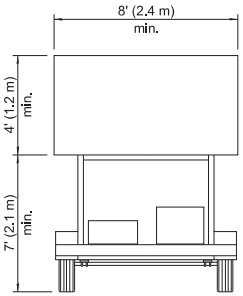
STANDARD 701901-09



TYPE A ROOF MOUNTED

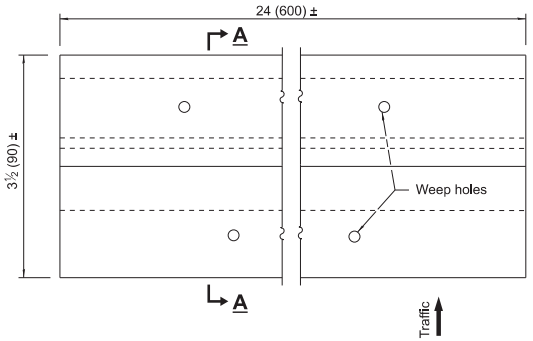


TYPE B ROOF OR TRAILER MOUNTED

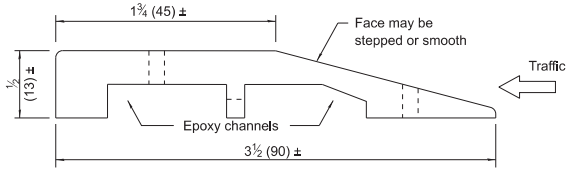


TYPE C TRAILER MOUNTED

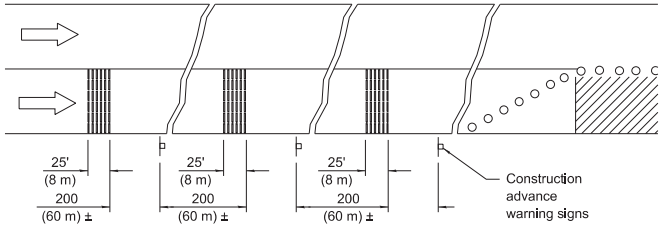
ARROW BOARDS

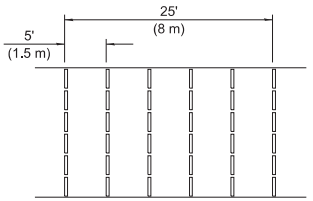


PLAN



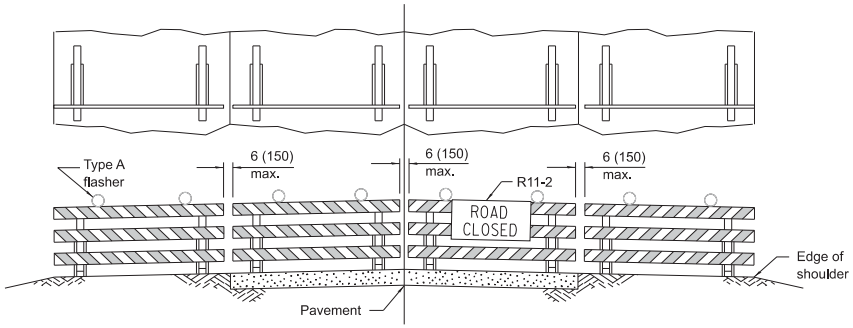
SECTION A-A





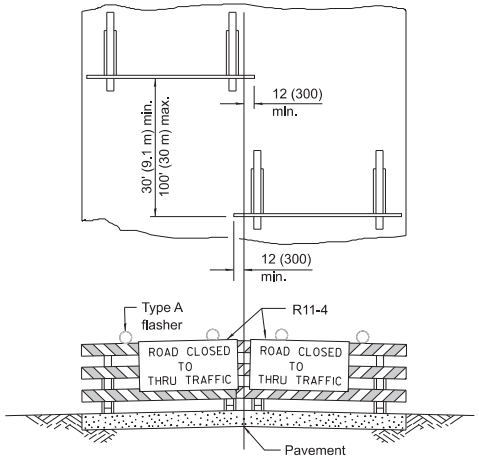
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades.

Illinois Department of Transportation

APPROVED January 1, 2024
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2024
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

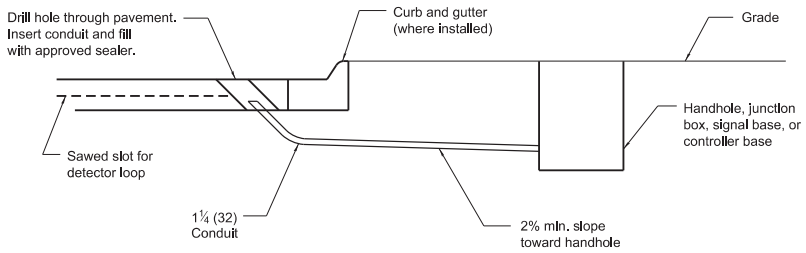
TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

If a Type III barricade with an attached sign panel which meets NCHRP 350 or MASH is not available, the sign may be mounted on an NCHRP 350 or MASH temporary sign support directly in front of the barricade.

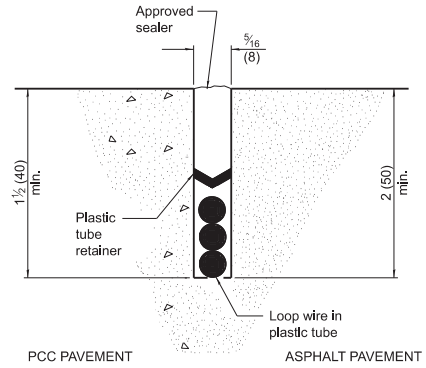
TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

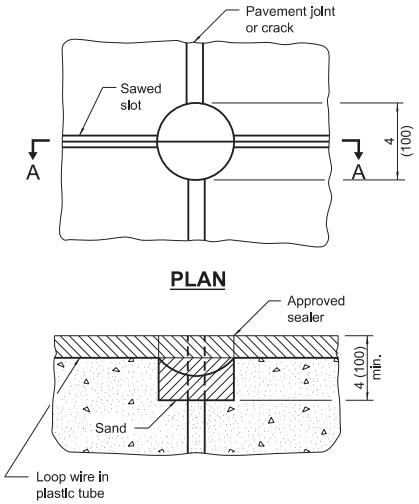
STANDARD 701901-09



DETECTOR LOOP LEAD-IN



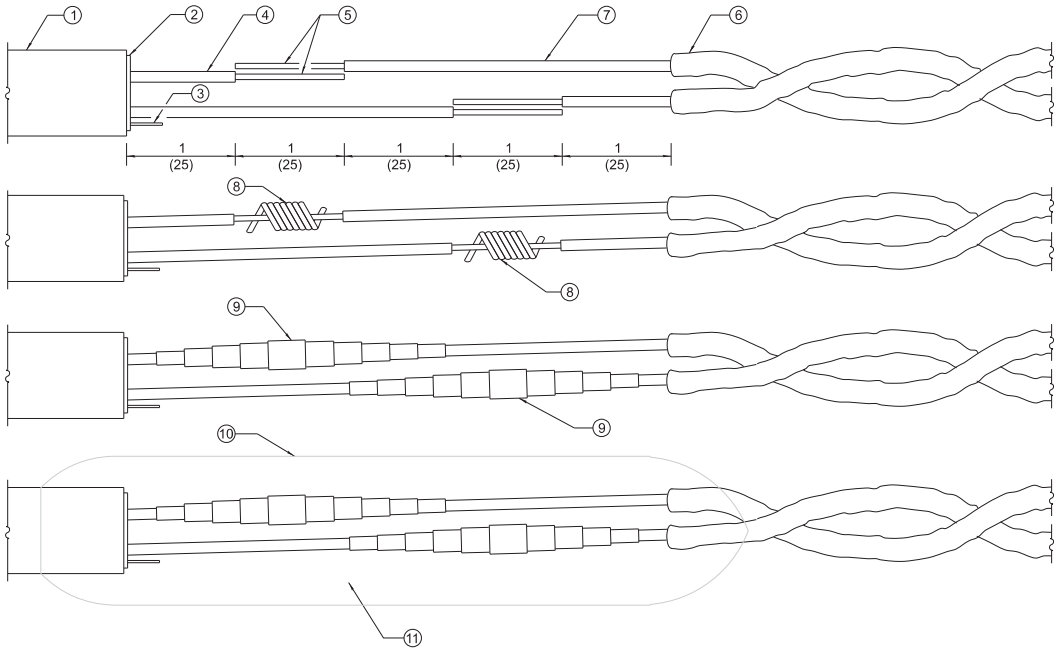
DETECTOR LOOP INSTALLATION



SECTION A-A

NOTE
Loop wire shall follow saw cut to bottom, forming slack section at joint.

DETECTOR LOOP AT PAVEMENT JOINT OR PAVEMENT CRACK



LOOP WIRE AND LEAD-IN CABLE SPLICE

① = Lead-in cable (single pair or multipair)
② = Lead-In cable shield
③ = Lead-in cable shield drain-wire
④ = Lead-in cable insulated conductor
⑤ = Bare conductor
⑥ = Loop wire in tube
⑦ = Loop wire insulated conductor
⑧ = Twisted and resin soldered conductor
⑨ = Electrical tape insulated spice
⑩ = Rigid mold
⑪ = Waterproof and dielectric resin

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2009
ENGINEER OF OPERATIONS

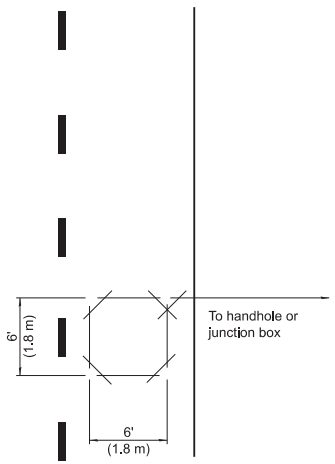
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-02

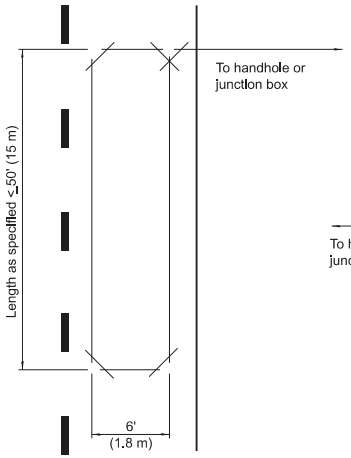
DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-02	Renum. Standard 846001.

DETECTOR LOOP INSTALLATIONS

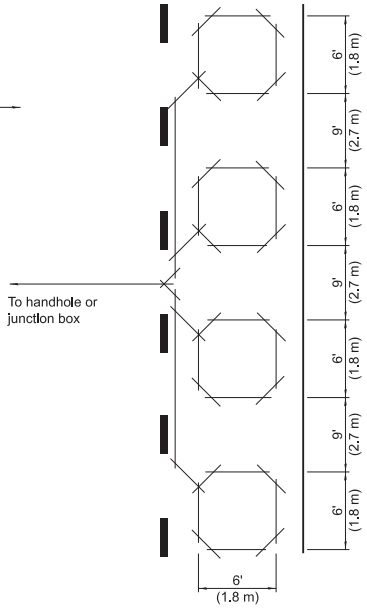
STANDARD 886001-01



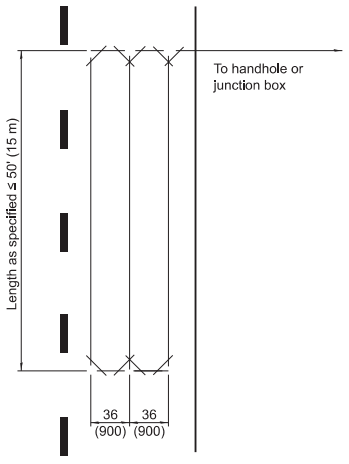
FOR POINT DETECTION
SHORT LOOP



FOR PRESENCE DETECTION
LONG LOOP

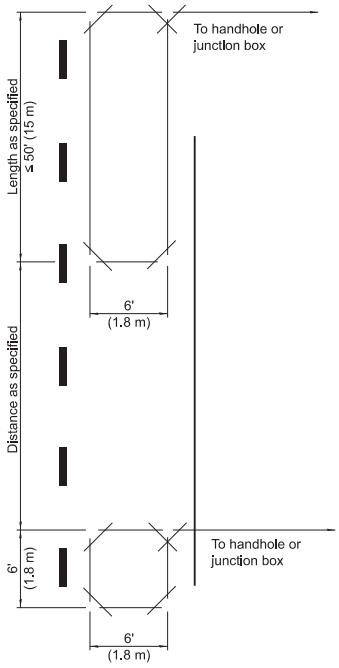


FOR PRESENCE DETECTION
MULTIPLE LOOP IN SERIES

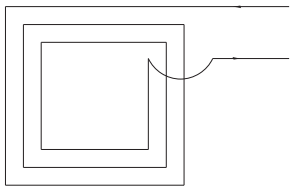


FOR PRESENCE DETECTION
QUADRUPOLE LOOP

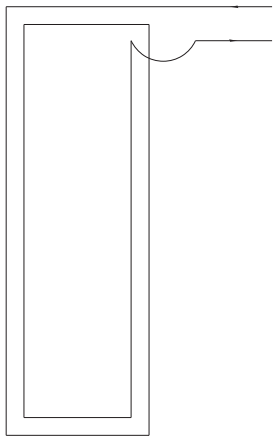
SLOT PLAN



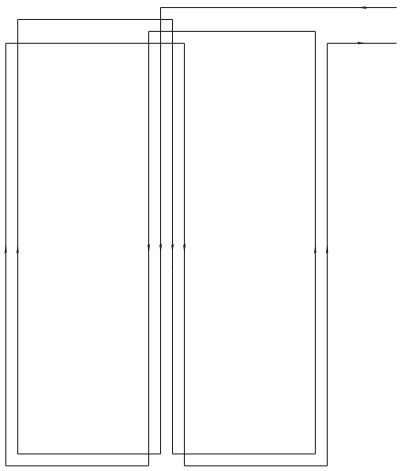
FOR EXTENDED-CALL DETECTION



SHORT LOOP



LONG LOOP



QUADRUPOLE LOOP

WIRING DIAGRAM

All dimensions are in inches (millimeters)
unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2009
ENGINEER OF OPERATIONS

APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-02

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-02	Renum. Standard 846006.

TYPICAL LAYOUTS FOR DETECTION LOOPS

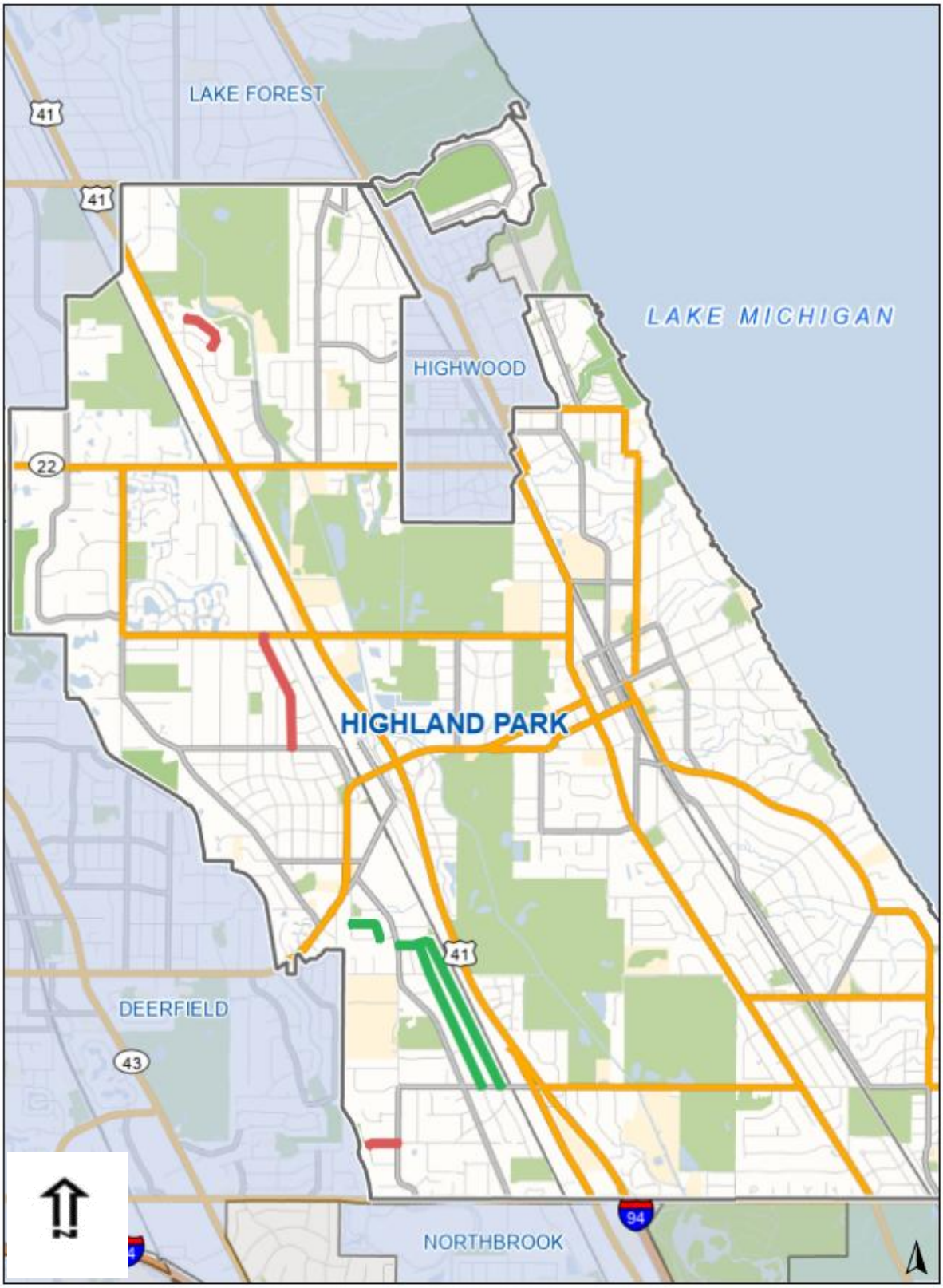
STANDARD 886006-01

ATTACHMENT C

LIST OF DRAWINGS

Sheet Nos.	Sheet Titles
1	2026 Concrete Street and Sidewalk Repair Program
2	Centennial Ln. from Lexington Ln. to Parkside Dr.
3	Cavell Ave. from Park Ave. to Berkeley Rd.
4	Old Briar Rd. from Magnolia Ln. to Red Oak Ln.
5	Barberry Rd. from Ridge Rd. to Clavey Rd.
6	Barberry Rd. from Ridge Rd. to Clavey Rd.; page 2 of 3
7	Barberry Rd. from Ridge Rd. to Clavey Rd.; page 3 of 3
8	Sumac Rd. from Barberry Rd. to Clavey Rd.
9	Sumac Rd. from Barberry Rd. to Clavey Rd.; page 2 of 3
10	Sumac Rd. from Barberry Rd. to Clavey Rd.; page 3 of 3
11	Heather Ln. from Winthrop Rd. to Winthrop Rd.

2026 Concrete Street and Sidewalk Repair Program



Legend

Project Work Locations:

= Concrete Street Patching

= Concrete Sidewalk Repairs

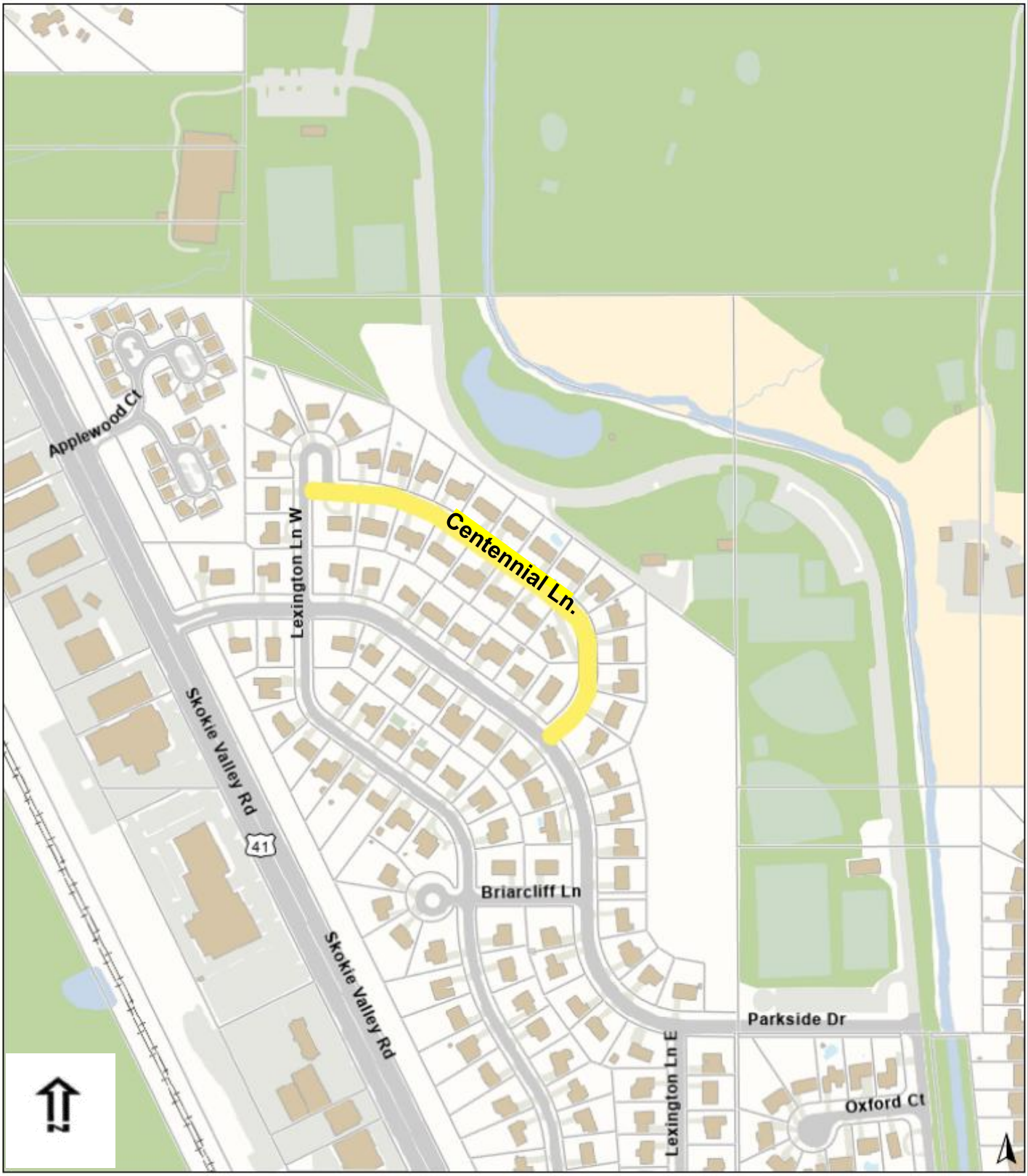
0 1 2 mi

Print Date: 1/23/2026

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

Notes

2026 Concrete Street Patching _ Centennial Ln. from Lexington Ln. to Parkside Dr.



0 500 1000 ft

Print Date: 1/23/2026

Notes

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

2026 Concrete Street Patching _ Cavell Ave. from Park Ave. to Berkeley Rd.



0 500 1000 ft

Print Date: 1/23/2026

Notes

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2026 Concrete Street Patching _ Old Briar Rd. from Magnolia Ln. to Red Oak Ln.



0 250 500 ft

Print Date: 1/23/2026

Notes

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2026 Concrete Sidewalk Repair _ Barberry Rd. from Ridge Rd. to Clavey Rd.



Legend

● = Remove & Replace Existing Sidewalk Panel.

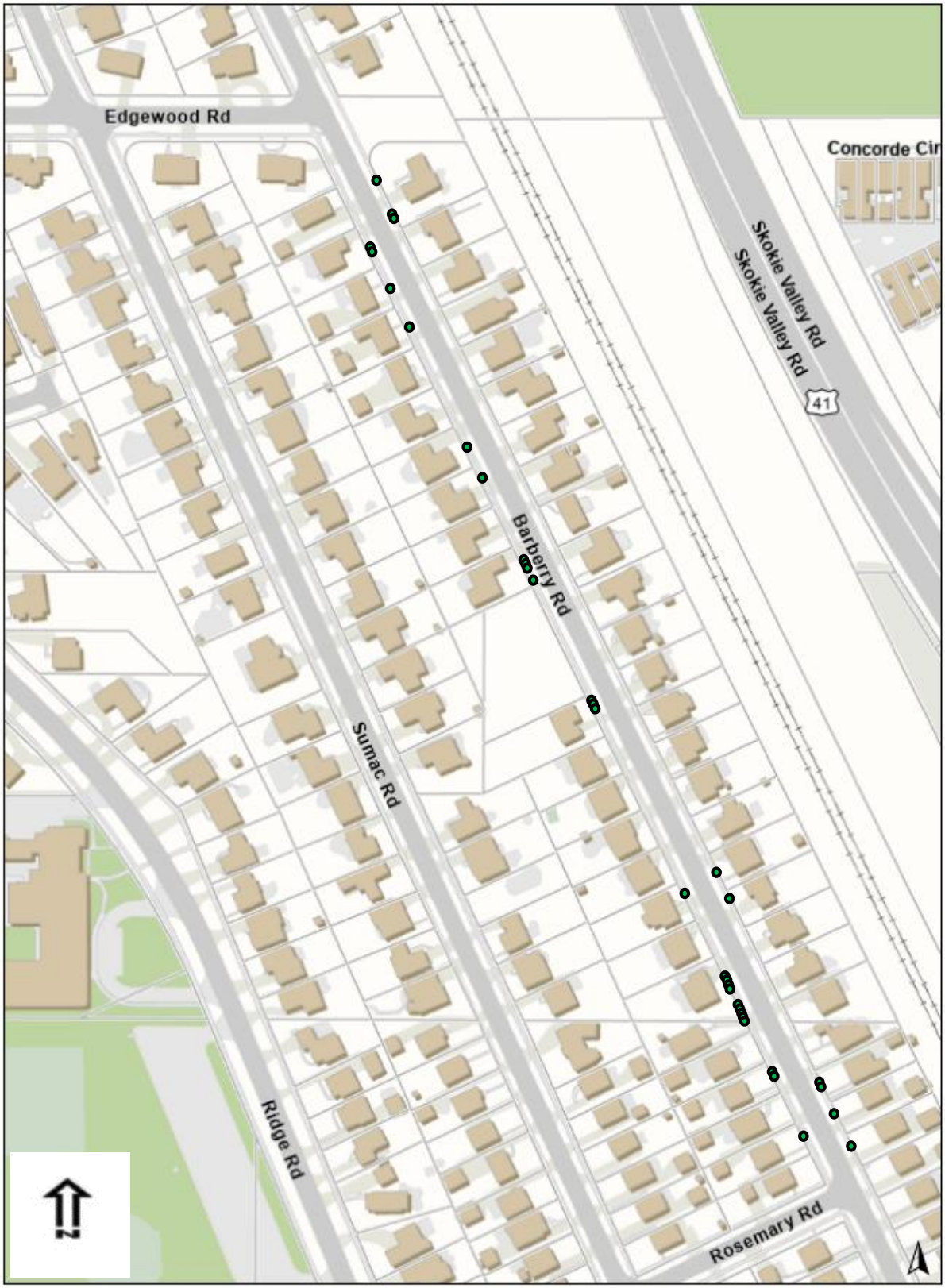
0 300 600 ft

Print Date: 1/23/2026

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

Notes

2026 Concrete Sidewalk Repair _ Barberry Rd. from Ridge Rd. to Clavey Rd.



Legend

● = Remove & Replace Existing Sidewalk Panel.

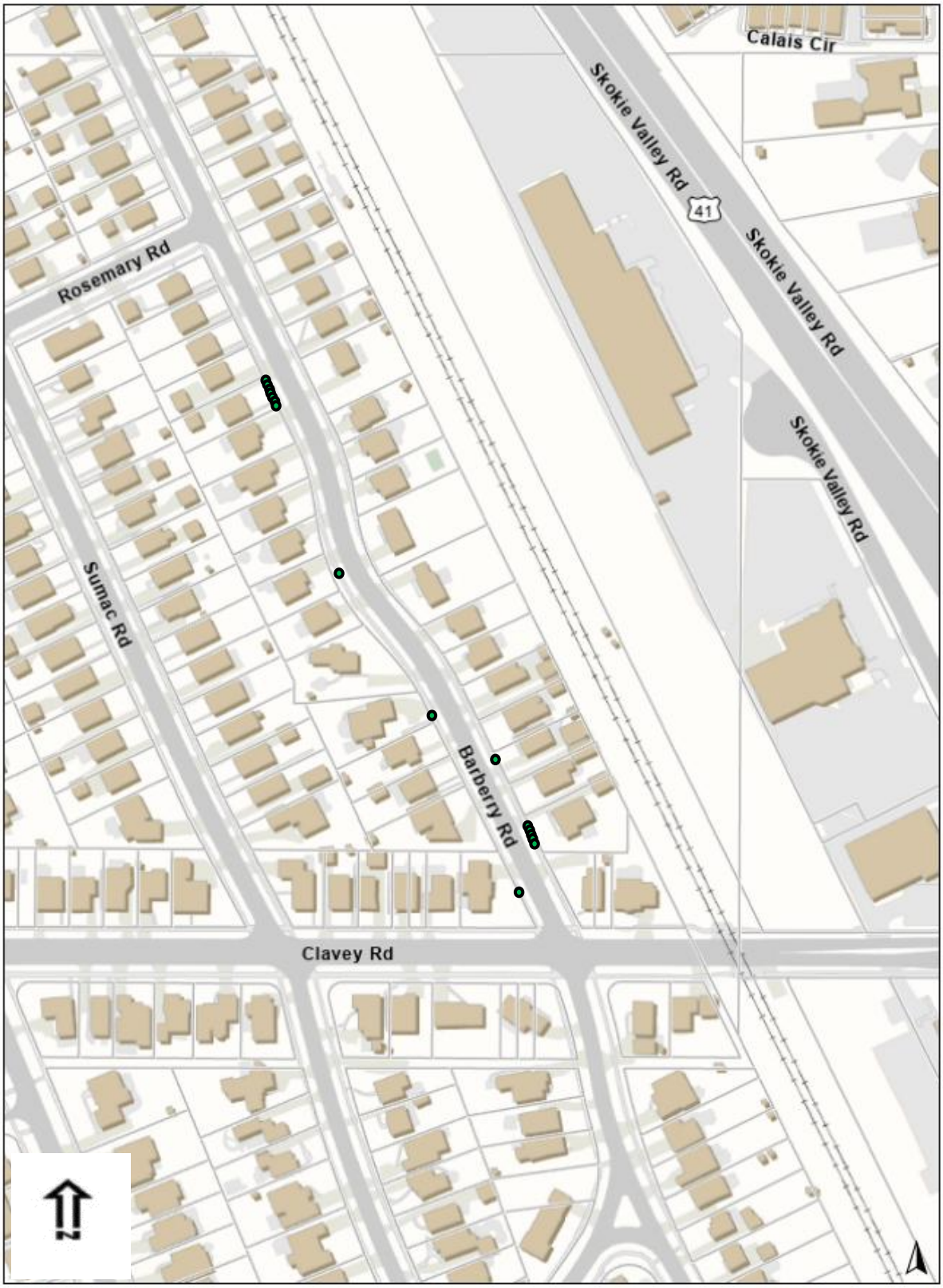
0 300 600 ft

Print Date: 1/23/2026

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

Notes

2026 Concrete Sidewalk Repair _ Barberry Rd. from Ridge Rd. to Clavey Rd.



Legend

● = Remove & Replace Existing Sidewalk Panel.

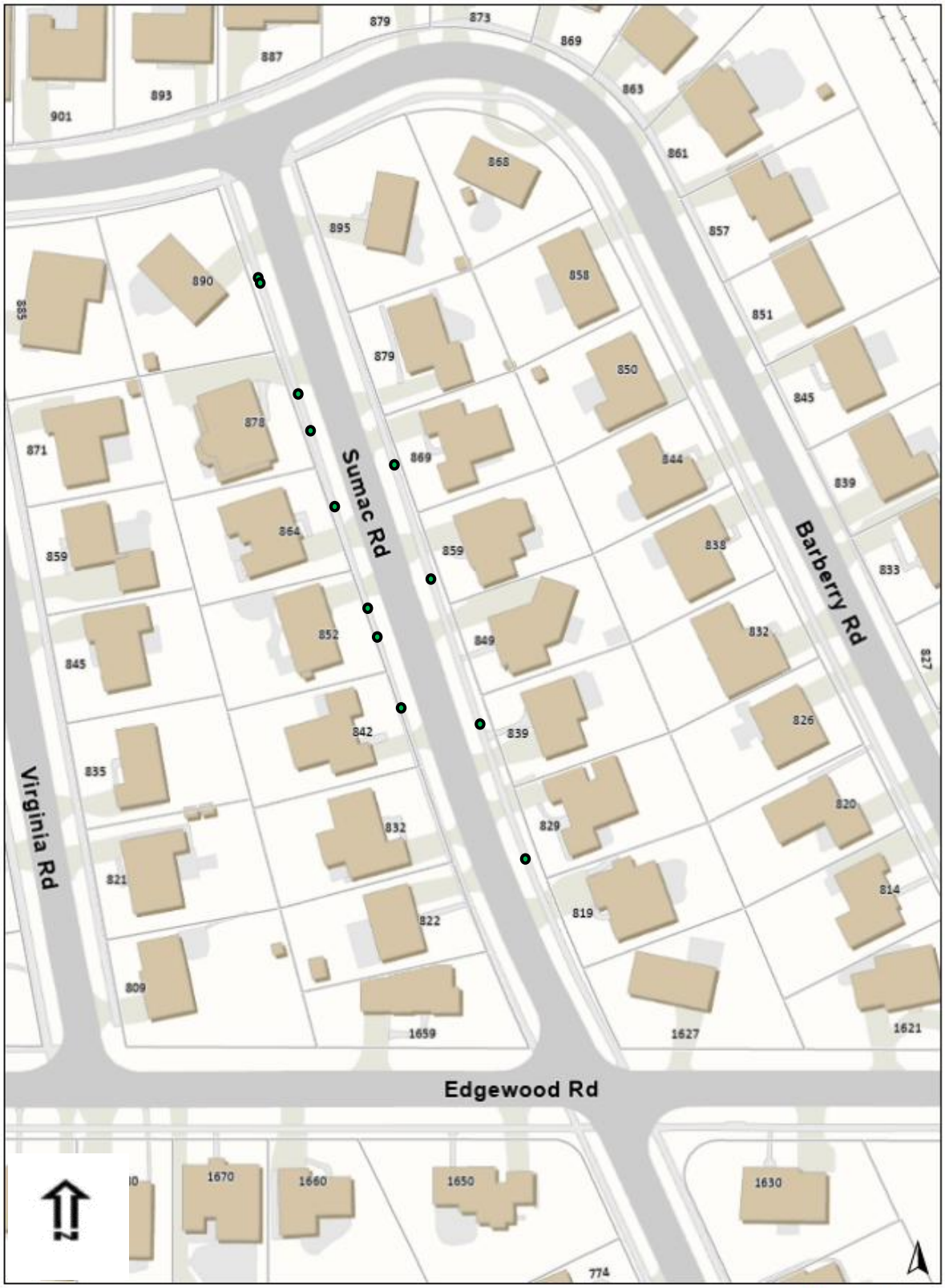
0 300 600 ft

Print Date: 1/23/2026

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

Notes

2026 Concrete Sidewalk Repair _ Sumac Rd. from Barberry Rd. to Clavey Rd.



Legend

● = Remove & Replace Existing Sidewalk Panel.

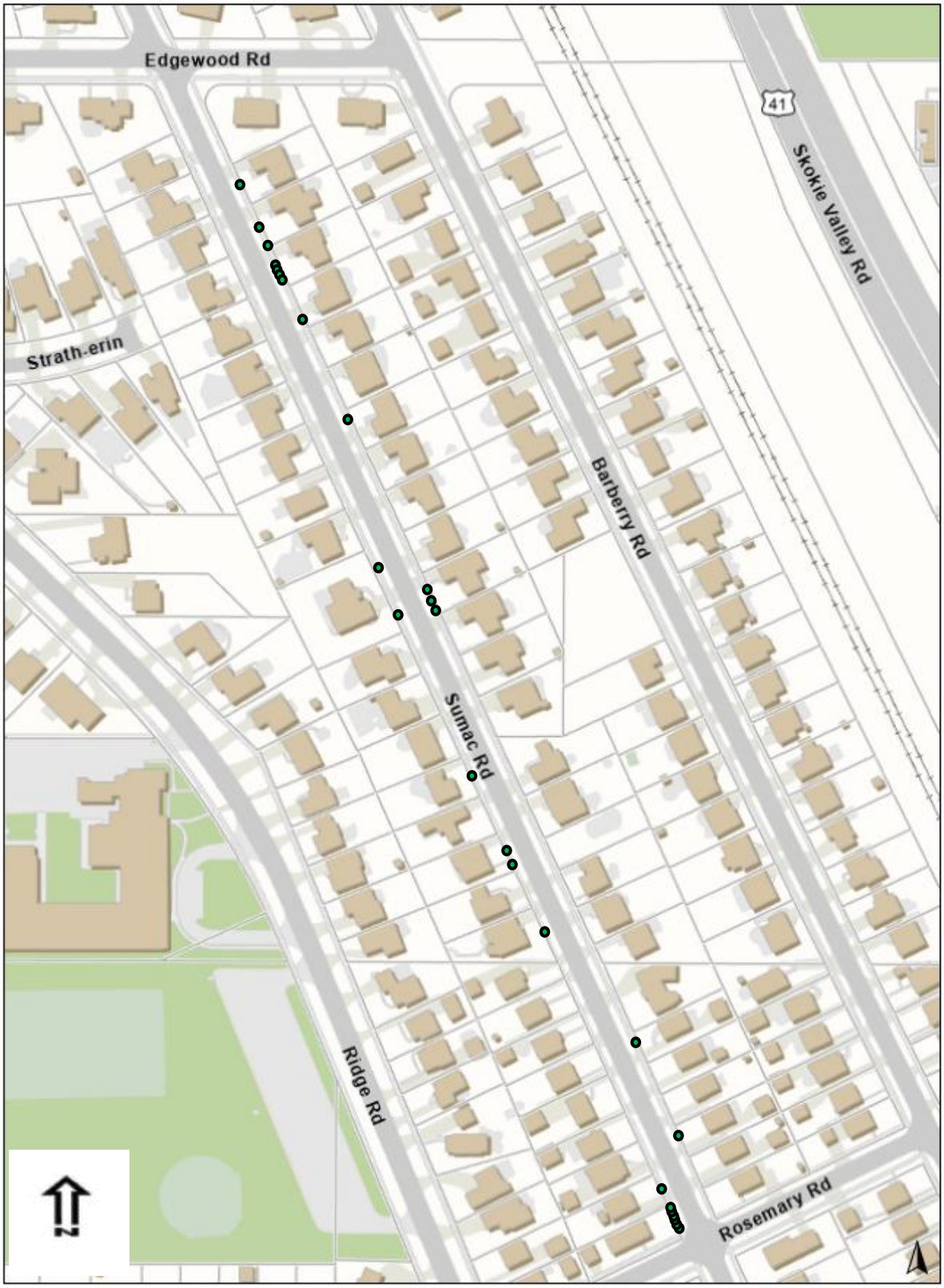
0 150 300 ft

Print Date: 1/23/2026

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

Notes

2026 Concrete Sidewalk Repair _ Sumac Rd. from Barberry Rd. to Clavey Rd.



Legend

● = Remove & Replace Existing Sidewalk Panel.

0 300 600 ft

Print Date: 1/26/2026

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Notes

2026 Concrete Sidewalk Repair _ Sumac Rd. from Barberry Rd. to Clavey Rd.



Legend

● = Remove & Replace Existing Sidewalk Panel.

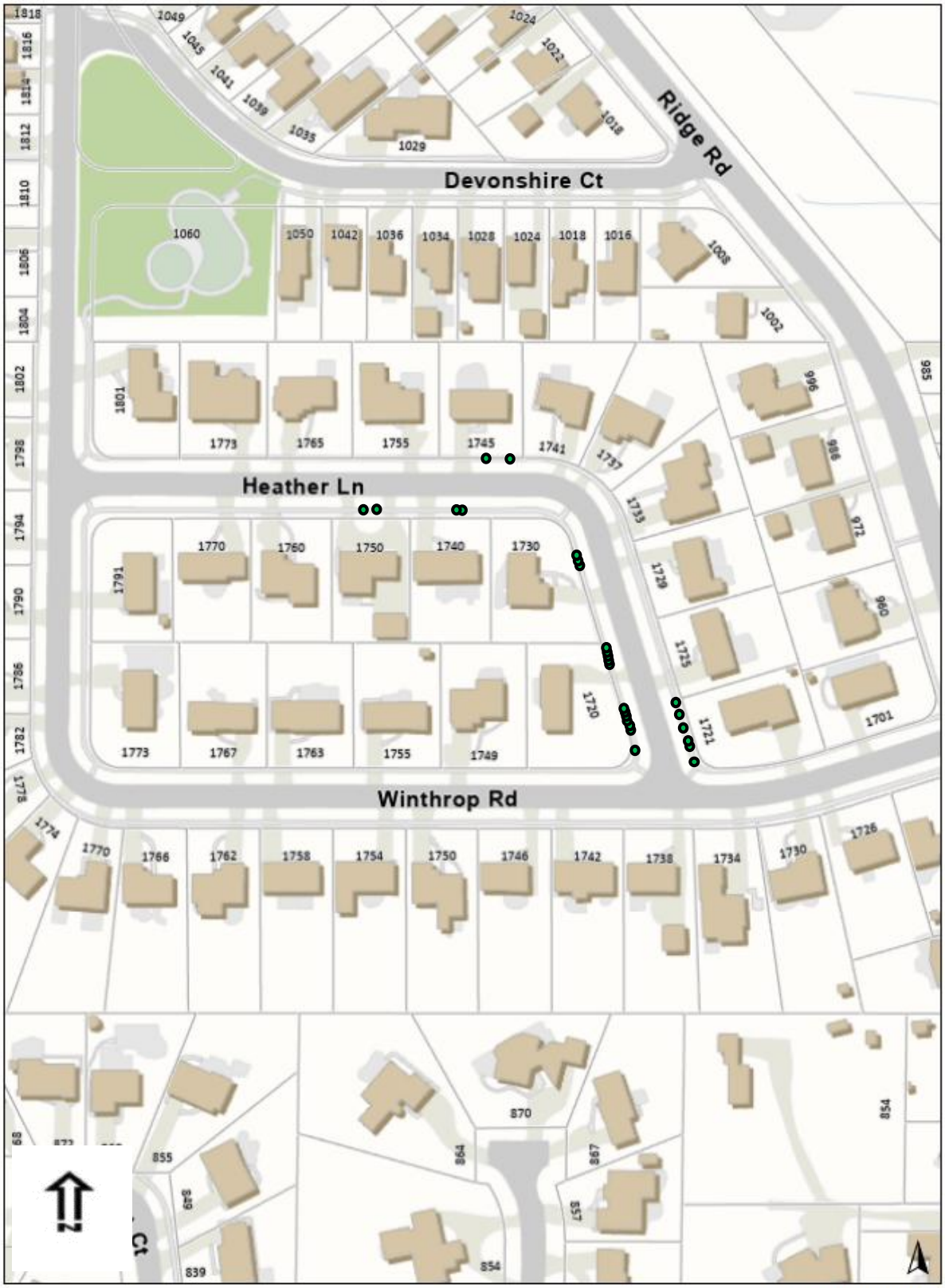
0 200 400 ft

Print Date: 1/26/2026

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Notes

2026 Concrete Sidewalk Repair _ Heather Ln. from Winthrop Rd. to Winthrop Rd.



Legend

● = Remove & Replace Existing Sidewalk Panel.

Print Date: 1/26/2026

Notes

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

ATTACHMENT D

SPECIAL INSTRUCTIONS

1. Working Days

Except for such work as may be require to properly maintain lights and barricades, no work will be permitted on Sunday, legal holidays, or weekdays between 7:00 p.m. and 7:00 a.m. On Saturdays, no work shall begin before 9:00 a.m. or continue after 5:00 p.m. without specific permission of the Engineer.

If work outside of normal working day hours is necessary, payment at 1.5 times the salary and benefits of the City inspector shall be payable to the City. Reasonable delays due to weather or conditions beyond the control of the City or Contractor may not require payment.

Without specific permission of the City Engineer (City of Highland Park) and except for such work as may be required to properly maintain lights and barricades, no work will be permitted on:

A. Weekdays between 7:00 p.m. and 7:00 a.m.
B. Saturdays between 5:00 p.m. and 9:00 a.m.
C. Sundays
D. Holidays listed below

Holiday	Date Observed
New Year's Day	01/01/2026
Martin Luther King Jr Day	01/19/2026
Passover (beg. Sundown 4/1/26)	04/02/2026
Memorial Day	05/25/2026
Independence Day	07/04/2026
Labor Day	09/07/2026
Rosh Hashanah (beg. sundown 9/11/26)	09/12/2026
Yom Kippur (beg. sundown 9/20/26)	09/21/2026
Veterans Day	11/11/2026
Thanksgiving Day	11/26/2026
Christmas	12/25/2026

2. Liquidated Damages

If the contractor fails to complete the project within the time limit specified, liquidated damages in the amount specified in the Standard Specifications, Article 108.09, "Failure to Complete Work on Time", shall be imposed for each calendar day until the project is completed.

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Maddy Markle, Planner I

Department: Community Development Department

Title: An Ordinance Designating the Property at 818 Hill Street a Local Landmark

Recommendation:
Staff recommend consideration of the Historic Preservation Commission's recommendation, and designating the property at 818 Hill Street a local landmark.

Policy Consideration:
Commission Consideration:
The Historic Preservation Commission considered the landmark nomination for 818 Hill Street at its February 12, 2026 and March 12, 2026 meetings. The owners spoke about their love for this historic property, and their intent to ensure its preservation through Local Historic Landmark designation.
The Commission adopted a resolution making a preliminary landmark recommendation at its February 12, 2026 meeting. At its March 12, 2026 meeting, the Commission considered Findings of Fact and a Planning Report that detailed how the property meets seven Landmark Criteria. The Commission approved the Planning Report, followed by the Findings, by a unanimous vote of (7-0).

The required Planning Report, Commission Resolution, and information about the landmark designation process are provided in the attached reports the Commission considered.

Architectural / Historic Significance:
Research and additional information about the property at 818 Hill Street is available in the staff reports and other documentation provided to the Historic Preservation Commission for its consideration. Please see Attachments 1-4 for Landmark Nomination, Staff Reports for each meeting, and the required Planning Report. Attachments 5 and 6 are the Commission's Findings of Fact and adopted Resolution respectively. Lastly, Attachments 7 & 8 provide the Commission's minutes from the relevant meetings.

Background:
The owners of 818 Hill Street, Thomas Hiller and Peijian Sun, voluntarily nominated their property for a local landmark designation on December 3, 2025. The applicants have nominated their property because it was originally owned and developed by notable person Edith Rockefeller-McCormick. Additionally, the single-family residence was designed by Swedish master craftsman Harry Bengston.

The property retains its original developmental characteristics. The site setting typifies the private, wooded lots that characterized the Highland's early years. The Commission has identified trees on the lot that are original to site.

The residence at 818 Hill Street is a c. 1927 Tudor Style Cottage with Swedish Folk elements.[1] Examples of architectural significance include its faux-thatched roof and horizontal plan, hand-hewn log siding, prominent river-stone chimney, and painted ship detail. The structure's faux-thatched roof is perhaps its most distinct architectural element and was heavily praised by the Commission. The structure and site setting both share an association with notable Chicago socialite, philanthropist, Jungian analyst, and real-estate developer, Edith Rockefeller McCormick.

The residence and landscape at 818 Hill Street has seen few alterations over the years. The only alterations of note are replacement of the carriage doors on the front façade and minor fenestration changes on elevations not facing the public-right-of-way. Nonetheless, the home has not structurally changed and its original design and aesthetic have been preserved since its construction.

---

[1] The Tudor Style is characterized by multi-gable roofs, stonework, wood timbering, horizontal plans, and prominent chimneys. The Tudor Style reached its peak in Highland Park in the 1920s, post World-War I. The War exposed American soldiers to European architecture and contributed to an interest in European design. The Style seeks to mimic late-medieval Old World architecture. More information about the Tudor Style, as well as Swedish folk design, can be found as part of the February 12, 2026 meeting packet.

Core Priorities:
Vibrancy — The preservation of historically significant properties contributes to the City's vibrancy.

Attachments:
1. Attachment 1 - Landmark Nomination
2. Attachment 2 - 2.12.26 Staff Report
3. Attachment 3 - 3.12.26 Staff Report
4. Attachment 4 - 3.12.26 Planning Report
5. Attachment 5 - Findings of Fact
6. Attachment 6 - Resolution No. 2026-002
7. Attachment 7 - 2.12.26 HPC Minutes

8. Attachment 8 - DRAFT 3.12.26 HPC Minutes
9. An Ordinance Designating the Property at 818 Hill Street a Local Landmark

Historic Preservation Review Application

SUBJECT PROPERTY INFORMATION

Property Address:	Individual Landmark Status or District:
818 Hill St	

Type of Review Requested (check all that apply):

- ☐ Certificate of Appropriateness
- ☐ Certificate of Economic Hardship (see staff for additional requirements)
- ☒ Landmark Nomination
- ☐ Other

Type of Work Proposed (check all that apply):

- ☐ Addition
- ☐ Alteration
- ☐ Restoration/Rehabilitation
- ☐ Relocation
- ☐ Demolition

Brief Project Description:

FOR INTERNAL USE ONLY

Case #: HIST-2025-00018

Date Received: 12/03/2025

Hearing Date: 2/12/26

Assigned to: Planner Markle

PETITIONER & OWNER INFORMATION

Petitioner

Petitioner's Name:	Phone:
Tom Hiller & Peijian Sun	[redacted]
Address (City, State, ZIP):	**Email:**
818 Hill St	[redacted]

Owner

Property Owner's Name and Owner's Authorized Representative Name (if the Petitioner is not the legal owner of the property):	Phone:
Address (City, State, ZIP):	Email:

Attorney

Contact Name:	Business Name:	Phone:
Address (City, State, ZIP):		Email:

Architect/Builder

Contact Name:	Business Name:	Phone:
Address (City, State, ZIP):		Email:

PROPERTY OWNER SIGNATURE

I hereby depose and say that I have read the requirements and procedures outlined in Chapter 24 of the 1997 Highland Park Historic Preservation Ordinance, as Amended, and all of the above statements and statements contained in my application packet are true.

Property Owner or Authorized Representative Signature	Date	Petitioner Signature (If Other Than Property Owner)	Date
Thomas L Hiller & Peijian Sun	12/3/2925		

City of Highland Park

Authorization to Enter and Traverse Land

AUTHORIZATION TO ENTER AND TRAVERSE LAND FOR RESEARCH BY HISTORIC PRESERVATION COMMISSION

This Authorization is dated as of the 3rd day of December, 20 25 (the "Authorization") by and between Tom Hiller, Peijian Sun ("Owner") as owner of the property located at 818 Hill St, Highland Park, Illinois ("Subject Property"), and the CITY OF HIGHLAND PARK, an Illinois municipal corporation (the "City").

SECTION ONE. GRANT OF AUTHORIZATION.

A. The Owner grants and conveys to the City, its employees, the City Council, and the members of the Historic Preservation Commission (collectively, "City Representatives") authorization and a right to enter on, over, across, and upon the Subject Property, for the purpose of researching the requested relief for the Subject Property that is the subject of an application to the City for one or more of the following types of historic preservation relief: (i) review of a Significant Demolition Application pursuant to Section 170.040 of the City Code; or (ii) review of an application for a Certificate of Appropriateness pursuant to Section 24.030 of the City Code (collectively, "Historic Preservation Relief"), and for other purposes incidental thereto ("Historic Preservation Relief Research"). The Owner also grants the City Representatives authorization and a right to enter on, over, across, and upon any property owned or controlled by the Owner that is located adjacent to the Subject Property, if any, for the purpose of providing access to the Subject Property for the Historic Preservation Relief Research.

B. The Owner represents that it has the authority and power to grant this Authorization.

C. The Owner shall not take, or cause or permit any other party to take, any action that will impair, prevent, or prohibit the City Representatives' use of the Subject Property for the purposes stated in this Authorization.

SECTION TWO. DUTY TO WARN.

The Owner shall notify the City Representatives of the presence of any items located on the Subject Property that require protection or may cause injury to the City Representatives.

SECTION THREE. INSURANCE AND INDEMNIFICATION.

The City agrees to indemnify and hold harmless the Owner from all claims, losses, or damages of any kind, including legal and other expenses incidental to the investigation, defense, and settlement of such claims or losses to the extent such claims or losses result on the Subject Property from either the grossly negligent or willful acts or omissions of the City Representatives in performing the Historic Preservation Relief Research.

SECTION FOUR. EFFECTIVE DATE.

This Authorization shall be effective for the period beginning on the date first written above and ending on the Expiration Date, as set forth in Section Five of this Authorization.

SECTION FIVE. EXPIRATION DATE.

This Authorization shall expire immediately upon the final action of the City in its consideration of the application for Historic Preservation Relief; provided, however, that if the Historic Preservation Commission imposes a review period on the Subject Property pursuant to Sections 170.040(E)(2) or (3) of the City Code, "final action of the City" shall be deemed to occur on the date on which the applicable Review Period terminates.

SECTION SIX. NO OBLIGATION OF CITY.

The City Representatives shall be under no obligation to exercise any of the rights granted to any of them in this Agreement. The failure of the City Representatives, or any one of them, to exercise at any time any such right shall not be deemed or construed to be a breach of this Authorization, nor shall such failure void or affect the City Representatives' right, or that of any one of them, to enforce such right or any other right.

OWNER

By: Thomas Hiller & Peijian Sun

CITY OF HIGHLAND PARK

By: _____

Director of Community Development or Designee

5167194_v2

SUPPLEMENTAL MATERIAL

The following attached items include required forms, templates, and informational material to complete this application.

- Authorization to Enter and Traverse Land
- Standards for Certificates of Appropriateness
- Local Landmark Designation Process
- Determination of Significance/Demolition Review Information
- Map of Local Historic Districts
- Requests for HPC Letters of Support

APPLICATION CHECKLIST

Please submit the completed application form and all required materials to:

City of Highland Park
Department of Community Development - Planning Division
1150 Half Day Road, Highland Park, Illinois 60035

Questions? Contact the Planning Division at 847.432.0867 or visit cityhpil.com.

Submittal Requirements: 8 paper copies + 1 digital copy

For Alterations/Additions:

- ☐ **Completed Application Form**
  - Authorization to Enter and Traverse Land
- ☐ **Floor Plans**
  - Existing and Proposed
- ☐ **Elevations**
  - Existing and Proposed
- ☐ **Photographs of the site**
  - Include all exterior elevations that will be impacted
- ☐ **Building materials**
  - Described in relation to existing materials
- ☐ **Project Narrative**
  - Describe the project
  - Address the Standards for Certificates of Appropriateness
- ☐ **Other Exhibits**
  - Additional photos, letters, reports, requested materials, etc.

For New Construction:

- ☐ **Floor plans**
  - For each level of proposed construction
- ☐ **Elevations**
  - For front, side, and rear yards
- ☐ **Site Plan**
  - Showing existing trees, driveway, walkways, required ravine setbacks, and zoning information (setbacks, FAR, etc)
- ☐ **Photographs of the Site**
  - Include site and surroundings within a 250' radius
- ☐ **Major Building Material Samples**
- ☐ **Typical Building Details**
- ☐ **Project Narrative**
  - Describe the project
  - Address the Standards for Certificates of Appropriateness
- ☐ **Other Exhibits**
  - Additional photos, letters, reports, requested materials, etc.

For Landmark Nominations (Designation or Removal):

- ☒ **Completed Application Form**
  - Authorization to Enter and Traverse Land
- ☒ **Project Narrative**
  - Provide a statement describing the property and setting forth reasons it is eligible for landmark designation or why a landmark designation is no longer appropriate.
- ☐ **Floor Plans**
- ☐ **Elevations**
- ☐ **Photographs of the site**
- ☐ **Building materials**
- ☒ **Landmark Criteria**
  - List the eligible **criteria** for landmark designation or that are no longer applicable for landmark designation (See Page 6 of this application or Section 24.015 of the Highland Park Code.
- ☐ **Other Exhibits**
  - Additional photos, letters, reports, requested materials, etc.

City of Highland Park

Standards for Certificates of Appropriateness

Below are the standards considered by the Historic Preservation Commission when awarding Certificates of Appropriateness for Additions/Alterations and New Construction. This is an abbreviated version of Sections 24.030 (C) and (D) of the Historic Preservation Ordinance:

1) **Height.** The height of the proposed new Structure shall be visually compatible with properties, structures, sites, public ways, objects, and places to which it is visibly related.

2) **Proportion of front façade.** The relationship of the width to the height of the front elevation of the proposed new Structure shall be visually compatible with properties, structures, sites, public ways, objects, and places to which it is visually related.

3) **Proportion of openings.** The relationship of the width to height of windows and doors of the proposed new Structure shall be visually compatible with properties, structures, sites, public ways, objects, and places to which the building is visually related.

4) **Rhythm of solids to voids in front facades.** The relationship of solids to voids in the front façade of the proposed new Structure shall be visually compatible with properties, structures, sites, public ways, objects, and places to which it is visually related.

5) **Rhythm of spacing and structures on streets.** The relationship of the proposed new Structure or object to the open space between it and adjoining structures or objects shall be visually compatible with the properties, structures, sites, public ways, objects, and places to which it is visually related.

6) **Rhythm of entrance porches, storefront recesses and other projections.** The relationship of entrances and other projections of the proposed new Structure to sidewalks shall be visually compatible with the properties, structures, sites, public ways, objects, and places to which it is visually related.

7) **Relationship of materials and texture.** The relationship of the materials and texture of the façade of the proposed new Structure shall be visually compatible with the predominant materials used in the structures to which it is visually related.

8) **Roof shapes.** The roof shape of the proposed new Structure shall be visually compatible with the structures to which it is visually related.

9) **Walls of continuity.** Facades and property and site structures, such as masonry walls, fences, and landscape masses, shall, when it is a characteristic of the area, form cohesive walls of enclosure along a street, to ensure visual compatibility with the properties, structures, sites, public ways, objects, and places to which such elements are visually related.

10) **Scale of a structure.** The size and mass of the proposed new Structure in relation to open spaces, windows, door openings, porches, adjacent structures, and balconies shall be visually compatible with the properties, structures, sites, public ways, objects, and places to which they are visually related.

11) **Directional expression of front elevation.** The proposed new Structure shall be visually compatible with the properties, structures, sites, public ways, objects, and places to which it is visually related in its directional character, whether this be vertical character, horizontal character, or nondirectional character.

12) **Destruction or alteration of historic features.** The distinguishing historic qualities or character of a Property, Structure, site or Object and its environment shall not be destroyed. The Alteration of any historic or material or distinctive architectural features should be avoided when possible.

Standards for Certificates of Appropriateness Continued

13) **Archaeological and natural resources.** Every reasonable effort shall be made to protect and preserve archaeological and natural resources affected by, or adjacent to any project.

14) **Architectural compatibility.** In considering new construction, the Commission shall not impose a requirement for the use of a single architectural style or period, though it may impose a requirement for compatibility.

15) **Use compatibility.** Every reasonable effort shall be made to provide a compatible use for a Regulated Structure or Contributing Regulated Structure that requires minimal alteration of the Regulated Structure or a Contributing Regulated Structure and its environment, or to use a Regulated Structure or Contributing Regulated Structure for its originally intended purpose.

16) **Maintenance of Time Period Appearance**. All Regulated Structures or Contributing Regulated Structures shall be recognized as products of their own time and so alterations that have no historical basis and which seek to create an earlier appearance than is properly attributable to the particular Regulated Structure or Contributing Regulated Structure that is being altered shall be discouraged. However, contemporary design for Alterations and additions to Regulated Structures or Contributing Regulated Structures shall not be discouraged when such Alterations and additions do not destroy significant historical, architectural, visual, aesthetic, archaeological or cultural material, and such design is compatible with the size, scale, color, material, and character of the Regulated Structure or Contributing Regulated Structure, neighborhood or environment.

17) **Significance of changes made in the course of time.** Changes that may have taken place in the course of time are evidence of the history and development of Regulated Structure or Contributing Regulated Structure and their environments. These changes may have acquired significance in their own right, and this significance shall be recognized and respected.

18) **Sensitivity to distinct features.** Distinctive stylistic features or examples of skilled craftsmanship or artistry, which characterize a Regulated Structure or Contributing Regulated Structure, shall be treated with sensitivity.

19) **Repair to deteriorated features.** Deteriorated architectural features shall be repaired rather than replaced, wherever possible. In the event replacement is necessary, the new material need not be identical to but should match the material being replaced in composition, design, color, texture, and other visual qualities. Repair or replacement of missing architectural features should be based on accurate duplications of features, substantiated by historic, physical, or pictorial evidence rather than on conjectural designs or the availability of different architectural elements from other buildings or structures;

20) **Surface cleaning.** The surface cleaning of Regulated Structure or Contributing Regulated Structure shall be undertaken with the gentlest means possible. Sandblasting and other cleaning methods that will damage the historically, visually, aesthetically, culturally or archaeologically significant materials used in such Landmark, Regulated Structure, or a Contributing Regulated Structure shall not be undertaken;

21) Wherever possible, additions or Alterations to a Regulated Structure or Contributing Regulated Structure shall be done in such manner that if such additions or Alterations were to be removed in the future, the essential form and integrity of the Landmark, Regulated Structure, or Contributing Regulated Structure would not be impaired.

City of Highland Park

Local Landmark Designation Process

WHAT IS THE HIGHLAND PARK HISTORIC PRESERVATION ORDINANCE?

The Highland Park Historic Preservation Ordinance provides a mechanism to identify and preserve the distinctive historic, architectural and/or landscaping features of Highland Park that represent the City's cultural, social, economic, political and architectural history. By encouraging preservation, rehabilitation and restoration, the City fosters civic pride in the beauty and noble accomplishments of the past as represented in Highland Park's landmark buildings and historic districts. Preservation efforts enhance the attractiveness of the City to its residents, home buyers, tourists, visitors and shoppers, and thereby support and promote business, providing economic benefit to the City.

WHAT IS THE HISTORIC PRESERVATION COMMISSION?

The Preservation Ordinance created a need for the Historic Preservation Commission in 1984. The Commission is composed of nine citizens, appointed by the mayor, with a demonstrated interest, knowledge, ability, experience, and expertise in architectural restoration, rehabilitation, and local history.



Henry Towner House c.1990
133 Laurel Ave ◆ Colonial Revival
Architect Unknown
Landmarked: 2000

The Commission meets at 7:30 PM every third Thursday at City Hall to carry out its responsibilities, which include making recommendations to the City Council on preservation issues, identification of landmark buildings and areas, and review of alterations to landmarks. The Commission also presents a variety of public awareness programs, informing residents on the importance of preserving historic resources.

Note: Meeting dates vary. If you would like to attend a meeting, call the Department of Community Development to confirm the date and time: (847) 432-0867.

WHAT IS A HIGHLAND PARK LOCAL LANDMARK?

The City of Highland Park is empowered by ordinance to designate objects, structures, buildings, districts and sites as local landmarks if they have aesthetic, architectural, cultural and/or historic value. Highland Park's local landmark designation affords properties more protection than state or national landmarking programs do. Once a property is locally designated, any exterior alteration, construction, demolition or removal requiring a building permit is reviewed by the Historic Preservation Commission. The review process is handled in a timely fashion and careful consideration is given to the owner's needs. The Commission works as a resource for owners of landmark properties. Property owners can rely on the Commission's technical expertise to aid them in developing their plans. Furthermore, Staff is assigned to landmark homeowners, giving them a dedicated City advocate.

WHAT ARE THE BENEFITS OF OWNING A HIGHLAND PARK LANDMARK?

Highland Park landmarks receive community-wide recognition and protection. A certificate signed by the Mayor is presented to the owner(s) of a landmark property containing a statement of significance. Because Highland Park's Historic Preservation Ordinance is certified by the Illinois State Historic Preservation office, landmark owners are eligible for tax benefits. State legislation provides an eight year property tax assessment freeze for owners of single family residences that are substantially rehabilitated, following the Secretary of Interior Standards for Rehabilitation. For more information on the Property Tax Assessment Freeze Program call the Local Government Services Coordinator at the Illinois Historic Preservation Agency at (217) 785-4512. Landmark homes receive support from the Historic Preservation Commission and may be eligible for special City-sponsored incentives. Relative to any possible effect landmarking will have on the resale value of your house, we suggest you call a Realtor.

Local Landmark Designation Process Continued

CAN ALTERATION, CONSTRUCTION OR DEMOLITION OF A DESIGNATED LOCAL LANDMARK OCCUR?

Once a site or structure has been designated as a local landmark, the property is subject to Commission approval for exterior alterations, construction or demolition plans requiring a building permit. Interior work is never reviewed by the Commission. Unless specifically landmarked or it impacts the exterior, interior work is not reviewed by the Commission. Generally, building permits are required for any action other than basic maintenance and upkeep. This review process is an effective way to protect and preserve Highland Park's historical and architectural heritage and provides an excellent opportunity for property owners to receive free design review and technical advice from the Commission. It is unlikely that demolition of a landmark home will ever be allowed.

ABOUT HIGHLAND PARK

Highland Park is predominantly a suburban residential community characterized by fine examples of many significant architectural styles dating from the 1870s to the present. Excellent Victorian structures stand side-by-side with Prairie School residences, historic revival style buildings and International Style homes. Some are very large; others are quite modest. But all contribute to the rich fabric of Highland Park architecture, which illustrates not a single period of outstanding significance, but a broad overview of the development of architectural styles.

In 1984, the City Council passed the Highland Park Historic Preservation Ordinance. The purpose of this Ordinance is to promote the educational, cultural, economic and general welfare of the community by protecting the City's heritage. This overview is not intended to be a substitute for City Ordinance Chapter 24: Historic Preservation. The Ordinance is available in its entirety for download, through the Department of Community Development, or from the City Clerk.



"Thorneycote" c.1901
215 Prospect • Howard Van Doren Shaw
National Register of Historic Places
Landmarked: 1987

WHAT ARE THE CRITERIA FOR DETERMINING HIGHLAND PARK LANDMARKS?

In making decisions about whether a nominated property qualifies as a Highland Park Landmark, the Preservation Commission will consider the criteria listed below (Section 24.015):

1) It demonstrates character, interest or value as part of the development, heritage or cultural characteristics of the City, county, state or country;
2) It is the site of a significant local, county, state or national event;
3) It is associated with a person or persons who significantly contributed to the development of the City, county, state or country;
4) It embodies distinguishing characteristics of an architectural and/or landscape style valuable for the study of a specific time period, type, method of construction or use or indigenous materials;
5) It is identifiable as the work of a notable builder, designer, architect, artist, or landscape architect whose individual work has influenced the development of the City, county, state, or country;
6) It embodies, overall, elements of design, detailing, materials, and/or craftsmanship that renders it architecturally, visually, aesthetically, and/or culturally significant and/or innovative;
7) It has a unique location or it possesses or exhibits singular physical and/or aesthetic characteristics that make it an established or familiar visual feature;
8) It is a particularly fine or unique example of a utilitarian structure or group of such structures, including, but not limited to farmhouses, gas stations or other commercial structures, with a high level of integrity and/or architectural, cultural, historical and/or community significance; and/or
9) It possesses or exhibits significant historical and/or archaeological qualities.

The nominated property must also demonsrate sufficient integrity of location, design, materials, and workmanship to make it worthy of preservation or rehabilitation and any nomination must include the written consent of the owner for the landmark designation.

Prepared by the Highland Park Historic Preservation Commission, August 2007 (updated December 2018)

City of Highland Park

Determination of Significance/Demo Review Info

GENERAL INFORMATION

The following outlines the demolition Permit process. Please refer to Sectio 170.040 of the Highland Park Code for additional information.

1) All demolition applications for residential structures in Highland Park Zoning Districts R1, R2, R3, R4, R5, R5A, R6, R7, RM1, and RM2 are subject to a historic preservation review by the City's Historic Preservation Commission.
2) The Commission meets on the second Thursday of every month at 7:30 pm. The meetings are held in the Pre-Session Meeting Room on the second floor of Highland Park City Hall, located at 1707 St. Johns Avenue.
3) Demolition applications must be received at least 21 days (three weeks) before the meeting date of the Commission at which the historic preservation review occurs. This deadline is important, so please factor it in to your timeline.
4) An owner or owner's representative must attend the Historical Preservation Commission meeting at which the historic review of the Demolition Application is scheduled. This individual should be able to answer questions about the recent history and condition of the residential structure(s) in question and authorized to speak on behalf of the applicants.
5) Photographs are required as part of the demolition permit application. However, additional exhibits may be presented at the meeting of the Historic Preservation Commission to document the current condition of the structure(s). This may include additional photographs or technical information demonstrating structural and historical integrity.

PROCESS

At the Historic Preservation Commission Meeting, City Professional Staff will present a brief historical summary of the property for which you have submitted a Demolition Application. The Commission will have a chance to ask questions of Staff. The owner or his representative will also have the opportunity to address the Commission with any comments or additional information.

The Commission will discuss the building or structure proposed for demolition and determine which, if any, of the nine Landmark Criteria in the City Code under Section 24.015 are satisfied (See Local Landmark Designation Process for Criteria). If the Historic Preservation Commission determines that the Structure that is the subject of the Demolition Application satisfies:

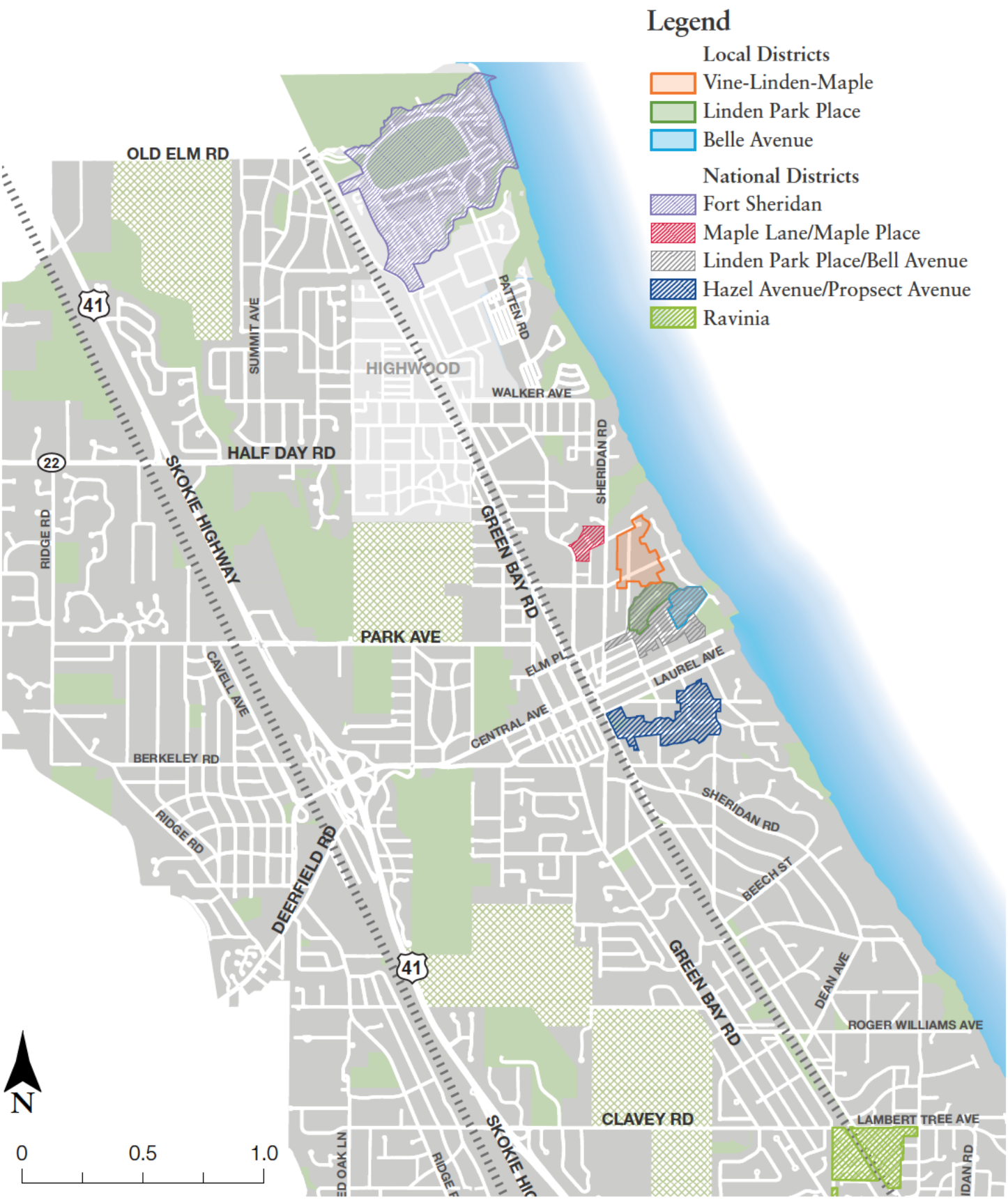
- **Four or more of the Landmark Criteria**, and has sufficient integrity of location, design, materials, or workmanship to make it worthy of preservation or Rehabilitation, then a mandatory 365-day Review Period commences on the date that the complete demolition permit application was submitted to Highland Park's Building Division.
- **Three or two of the Landmark Criteria**, and has sufficient integrity of location, design, materials, or workmanship to make it worthy of preservation or Rehabilitation, then a mandatory 180-day Review Period commences on the date that the complete demolition permit application was submitted to Highland Park's Building Division.
- **One or none of the Landmark Criteria**, or does not have sufficient integrity of location, design, materials, or workmanship to make it worthy of preservation or Rehabilitation, in which case the Application for Demolition shall be processed.

Please note the following:

1) No "Regulated Activity" (demolition or any other action that requires a building permit) may take place during this review period.
2) During either a 180-day or 365-day review period, the Commission may receive nominations to designate the building or structure as a local historic landmark.
3) There is an appeal mechanism whereby the City Council can reduce a 365-day review period to 180 days.
4) The Historic Preservation Commission has the authority to terminate a demolition delay based on a set of specific standards. Please speak with City Staff for more information on the City Council appeal and the possibility of requesting a termination.

City of Highland Park

Highland Park Historic Districts

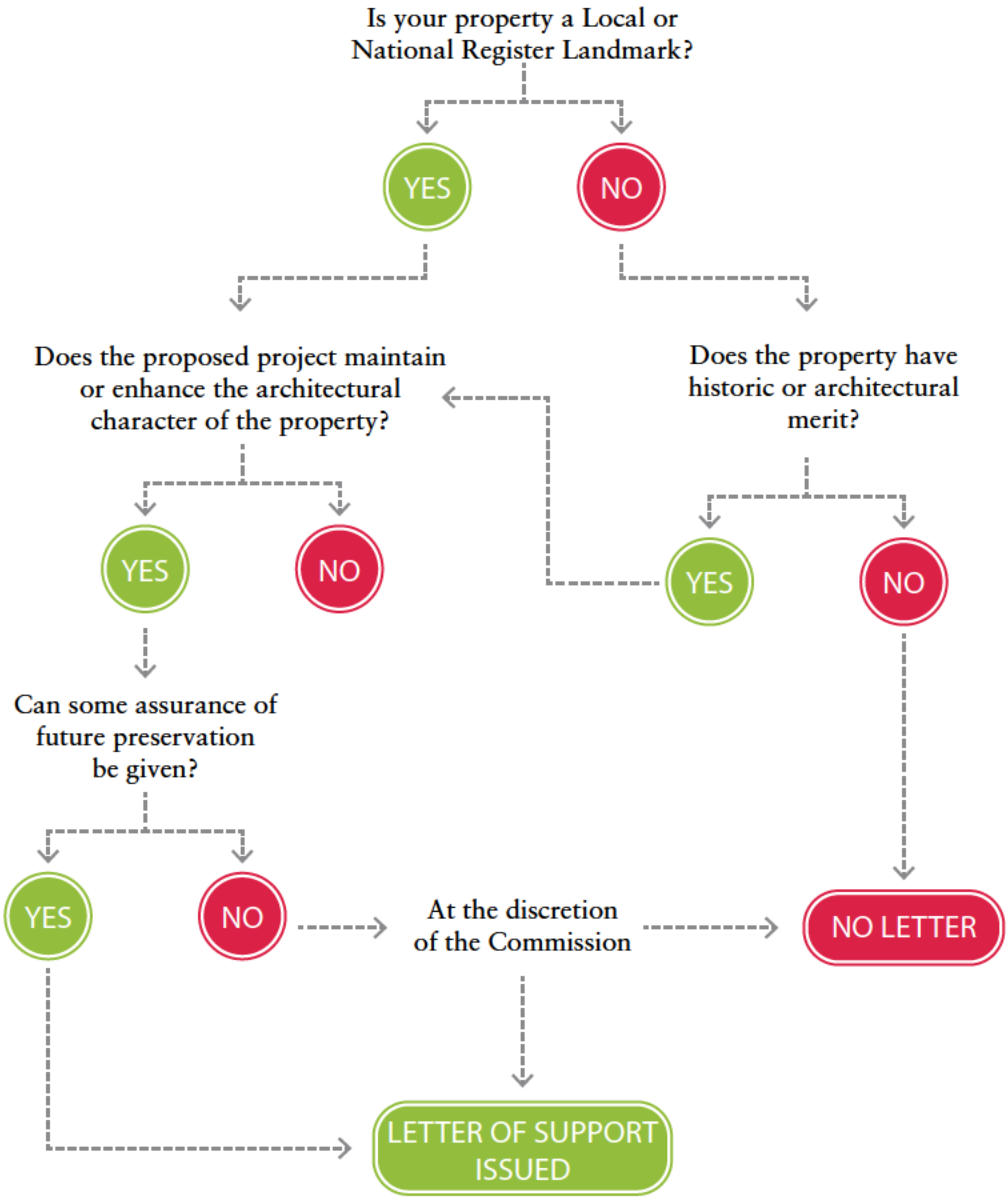


City of Highland Park

Requests for HPC Letters of Support

You may apply to the Historic Preservation Commission for a Letter of Support to other City commissions, such as the Plan and Design Commission, the Zoning Board of Appeals, or the Sustainability Advisory Group.

Does your project qualify for a Letter of Support from the Historic Preservation Commission? Find out below:



818 Hill St

Background

- Two months after Edith Rockefeller McCormick passed away (August 1932), an AT&SF rail executive and wife purchased 818 Hill St. They and subsequent owners had no connection to Swedish-Finnish immigrant communities, art, history, culture, etc.
- The historical context of the house, sailing ship plaque, builder, vanished from memory. Local folklore filled the vacuum.
- Also vanished, until very recently, a Rosetta Stone like article in a section of the 1928 Chicago Tribune “Home Builders Department”.

Chicago Tribune August 26 1928

- The article and drawing are on next two pages
- It contains an interview with the builder, Harry Bengston, a Winnetka resident and Swedish immigrant.
- Harry Bengston lived in close proximity to Andrew Paulson and Carl Bengston, Swedish immigrants, who built five “whimsical Swedish-style houses” in Winnetka.

- Article includes
  - Ink or line drawing
  - Swedish roots and themes
  - Steam-bent false thatched cedar roof
  - 1st floor plan
  - Chimneys and fireplaces
  - Swedish log house lower level
  - Stucco upper level
  - Walk through description
  - Decor, light fixtures, central hot water heat
  - Field stone base
  - Building materials

- Article does not touch upon
  - Historical context
  - Architectural classification
  - Swedish Grace
  - Nordic folklore
  - Sailing ship plaque
  - Copper fish and iron weather vane

HOME BUILDERS' DEPARTMENT

HOUSE OF HAND HEWN LOGS BUILT WITHOUT PLANS

Picturesque Sweden and Yankee Conveniences.

(Home designed and built by Harry Bergsten, 372 Oak street, Winnetka, all located in Evans & Dahl's Highland Park Highlands, University and 101 street, Highland Park.)

BY LOUISE BARGELT.

(Home Builders Editor.)

A ten room house, thin with three baths and a two car garage, built in the early Swedish style.

It was designed and built by a man who is a Swede by birth, but not a builder, a man who combines a unique, artistic bonus without a finished line print, creating such room and detail as he goes along.

This evening he has achieved a home which re-flects in a measure the spirit of his native land; a home combining the simple requirements of a peasant hut with the subtle artistry of Swedish peasant handicraft, and at the same time incorporating all the comforts and conveniences of present day urban life.



LOUISE BARGELT, Engineer Friend.

The foundation is of field stone. The first story of hand hewn oak logs set in cement. These logs demonstrate what southern Mr. Bergsten will be to secure just the materials he wants. In order to get them he had to go into the forest and select the logs and haul them to the present site. When this cabin was built in the virgin forest of the north shore, Chicago was but a tiny village only ten years old!

The upper story is of rough plaster, while the roof is thatched with nine thickness of cedar shingles. The entrance to the garage is cleverly concealed. The doors are made of logs like the rest of the first story. The dominant note of the exterior, however, is the huge chimney which will bring most fireplace, which extends from the ground level up beyond the roof.

Two Story Living Room.

Stepping into the two story living set, one is confronted with this big fireplace, which is really the soul of the house. It is massive, yet graceful. The stone, which is large enough to hold six foot logs, is raised above the floor level. The fireplace and chimney are constructed of large Arctic boulders set in concrete.

The entire living room is finished in dressed cypress, bored over with a tool and then rubbed down with a wire brush to bring out the hard grain.

The second natural feature consists of an old wooden wagon wheel, hung by the side of the fireplace. At the rim of the wheel are candle light fixtures of various heights and in each corner lamps are fitted. All trimmings are of hand hammered Swedish iron.

The reception hall has a quaint little stone fireplace. The floor is of cherry random width oak planking. An old fashioned doorway of very simple design, with a hand made balustrade, leads to the upstairs. The entrance vestibule walls are finished in hand hewn antiqued oak planks.

Dining Room Walls Unique.

The dining room walls are decorated in a unique manner. Conventionalized Swedish floral patterns are engraved. Colors and shades are beautifully blended in a style peculiar to old Swedish interior decorations. There is a mahogany panelled wainscoting and the floor is finished in hard maple with a border of inlaid lighting. There is a large oil type of old fashioned furnace range, which, for electricity, in addition there are four single wall units.

The bedroom mark a wide departure from the usual standardized design. Various stains and angles in the ceiling do away with the box like, cold box effect and lend to these chambers a cozy, intimate atmosphere. The two bedrooms are finished alike. Each bedroom has an individuality in the arrangement of walls. But as much as we could, giving your home a friend, $200 from Uncle Sam on Bobby's insurance policies, and an other $500 from his brother, and with the $1,000 I made on the $7,000 we sold my farm, we have the $1,000 cash and selling are plastered.



A ten room home in the early Swedish style, the first story of hand hewn logs set in concrete, the upper story of rough plaster and the roof thatched with nine thicknesses of cedar shingles. The dominant note of the exterior is the huge stone chimney which extends from the ground level up beyond the roof. Home designed and built by Harry Bergsten, 372 Oak street, Winnetka. It stands on a lot 101x198 and is located in Evans & Dahl's Highland Park Highlands, University and 101 streets, Highland Park.



Living room is 18x25.6 feet. Dining room is 14x18. Kitchen is 100x11. Maid's room is 9x10.6. Garage is 18x20.

TEN ROOM HOME OF HEWN LOGS

TRIBUNE WILL GIVE $5 FOR LETTER ON XMAS GIFT TO HOME

Are you planning to give your home a Christmas present this year? Some new piece of household equipment the entire family will enjoy; an oil burner or gas furnace, a mechanical refrigerator or kitchen ventilator, radiator enclosures or electrical fixtures? Vest is the variety of gifts one may make the home—the deeply appreciated. Tom Tribune will pay five dollars for each letter published not exceeding two hundred words in length. Address Louise Bargelt, Home Builders Editor, The Chicago Tribune, Chicago, Ill.

Stretch $47 a Week Into $5,500 Home

The Tribune will print experiments of home owners—letters telling how the home was financed, how the rental payment was gathered, how the mortgages were paid off, how the upkeep was managed. For each letter printed The Tribune will pay $10. Letters should not exceed 500 words. Address them to the Home Builders' Department, Sunday Tribune, Chicago.

Thrift Wins Home.

CHICAGO.—In June, 1915, when I was seventeen, and my hubby, some two years my senior, were married and as his wages were only $30 per week, I kept belonging my $37 every week. In the following spring after paying for all the household things we needed I had $100 in the bank.



MRS. M. S. SEBASTIAN.

On this evening as we were walking along Archer avenue, we noticed a cottage for sale, and just kidding with other, we went in to find out the price. It was $3,500, buyer to assume a $1,500 first mortgage, pay $1,000 cash and pay a second mortgage of $1,500 at $150 a month, plus the taxes.

Our loss $100 looked so big to us and we seriously thought it a good buy, as Brighton Park was a growing community. We talked it over at home a friend, $200 from Uncle Sam on hubby's insurance policies, and an other $500 from his brother, and with the $1,000 I made on the $7,000 we sold my farm, we have the $1,000 cash and selling are plastered.

$10 rent, and moving into our own home saved that much. We fixed up the basement and rented it for $16 a month. There was an old barn at the rear, so we made it a two car garage, rented it for $5 a month and the payments, and we paid back all the other debts. After living the home for almost a year, several called and offered us $1,500, but we did not wish to sell.

After two years of married life a baby arrived for whom I had to give up a position paying $25 a week. To make up hubby had to step up to get larger wages and he did six kinds of odd jobs, from being extra to building porches and painting houses so as to make both ends meet.

Now we have the house almost all paid and would turn it all had we not bought a piano and car which set us back $2,000. We did everything on a budget plan and must say that we have had a very happy married life.

Address Mrs. M. S. Sebastian, 4104 Archer avenue, Chicago.

Washable Decorations in Vogue for Home

The vogue for the "washable" in home decorating continues and recent developments in the paint line have introduced a wall paper texture which, applied, makes no change in the appearance of the paper, but in such it possible to wash the wall paper with soap and water. The texture can also be used on canvas.

GOOD FIREPLACE COSTS NO MORE THAN POOR ONE

It is not any added expense to build a "good fireplace." Not a dollar more, really, than it costs to build one which gives out barrages of soot and smoke and has faulty draft instead. In fact, the good fireplace is the cheap fireplace, for many a high redecorating bill has followed in the wake of poor fireplace construction, or persons an equally high remodelling bill.

Equipment must be proper and interior construction, accurate — these are the two essential safeguards to correct fireplaces.

Cost of Oak Flooring Is Little More Than Soft Wood

A contractor, it is stated, is endeavoring for the oak flooring industry, to educate prospective home owners to the fact that oak flooring may be laid throughout a house at little greater cost than soft wood floors or substitutes.

Polychrome Awning with Vari-Tinted Background

A polychrome awning has been invented, without precedent which is an awning with the background of various colors. Upon this background is placed a painted design, which is presented to harmonize with the surroundings.

ASSOCIATION TO AID INTERESTS OF HOME BUYER

Certifies as to Quality of Construction.

BY HOMER GRANT.

Have you heard of the "Certified Home"?

It is a home built by a member of the National Better Home Builders' association.

A home owner who buys such a certificate receives with his purchase a home that has been certified as having met which, according to the association, guarantees that the materials and workmanship in that home conform to its standards.

This "certified home" will spell safety, permanence, low depreciation, little upkeep, and high resale value to the home buyer. It will be a home free of buying unwarranted heating house, or one with sagging, cracking walls, high depreciation, and high upkeep costs, as the association asserts.

There are nine vital factors entered in every home built by a member of the association. Regardless of the price, a simple bungalow or a ten room palatial residence, this association will assure that the house has been built according to the following standards:

1. Footings: That the house may not sag at the corners.
2. Floor joists of basement, that...
3. Plumbing for heating plant and...
4. Wiring in accordance with...
5. Double floors; protection from cold and drafts.
6. Framing, bracing and bridging of beams, rafters and stringers in accordance with the code of the National Better Home Builders association.
7. Roof boards of sufficient thickness to meet and plastering to be thoroughly dried out before woodwork or wall decorations are applied.
8. Good and approved designs.
9. A purchase, loan and resale privilege with every home.

To the average family the buying of a home is a vastly important transaction, one of the most important it ever makes. Yet many a family buys a home without really knowing anything about its construction. Even experts cannot discover everything, since the hidden parts of a house, a concealed, and it is estimated that an inexperienced home buyer discovers only one-fifth of the faults in a house he purchases.

Expensive to Maintain.

Because of this fact, jerry builders have in too many instances built houses which appeared to fool the home buyer, but which, after a year or two, expensive to keep up, and with little resale value after a few years.

Through these jerry methods not only home buyers but conscientious home builders have had to suffer. They could not build as cheaply as the unscrupulous builder and they refused to build on credit.

These conditions have resulted in the growth of the National Association of Better Home Builders, a league of builders organizing for fair, square dealing with home buyers, and to combat the home evil.

This association, said to be unique, but with executive offices in Chicago at 332 South Michigan, believes that the answer to the problem is to educate and state that nothing short of punishment will do. And panic is no longer feared with our federal reserve system.

To Stop Business.

But the association also believes that better builders organized to enforce their standards will go still further in this home building market, and that ultimately the jerry builder will be forced to either go to work or stop business as it were, "in the open." Then there will be an even greater impetus to construction.

There are also associate members of this organization, and dealers, bankers, building and loan houses, realtors, material manufacturers such as lumber dealers, excavating contractors, carpenter contractors, and equipment agents, are all eligible.

Every "certified home" will have a plate fitting into the door jam.

Home Building Weekly.

The association stands for the rebirth of home building, good design, good materials and good workmanship. Every home surely deserves that and the latter can be expressed, yet dependent on the others. The old idea of the chain being no stronger than its weakest link, holds true here as in most cases.

Associate members will benefit by all these things, are guaranteed that the home they will remodel on the desire for a home in many a home circle through the general re-

ANSWERS TO QUESTIONS ON HOME BUILDING

Taking Up Mortgage.

Dear Mrs. Bargelt: Can we obtain a second mortgage which will allow us to take it up whenever we want, if we happen to get the money, without paying interest for the entire period it was supposed to cover?

Ans.—Certainly. Be sure to read over your mortgage carefully to make sure that the above is stipulated therein.

* * *

No Down Payment.

Dear Mrs. Bargelt: Do you think it advisable to buy a home without paying anything down? We would have little with to start a home, but have a steady income and could meet the monthly payments and interest, etc., soon high, and I am worried over the prospect, but my husband is determined to try, as he believes we can save something this way, where we never have been able to save before.

Ans.: Undoubtedly you can save in this way anything you have the determination and the payments and interest are not too high. Be sure that you are not shouldering too heavy a monthly burden, as there are always all the attendant charges, and be sure that you have a bit of a margin left over, if possible, for emergencies. Here is wishing you luck on your adventure!

* * *

Payments to Expect.

Dear Mrs. Bargelt: Supposing we buy a house, assuming two mortgages and a small down payment. What other payments would we expect to have to meet besides the two mortgages? Is there a list of these expenses before I really make up my mind to buy. W. H.

Answer:—Your two payments, interest and principal on both mortgages, would be the chief monthly payments to ensure the second mortgages. Add to these taxes, water rent, fire insurance premiums on both policies to protect both mortgagee holders, fire insurance on your household furniture, depreciation of 2 per cent a year which may be offset by repairs, painting, etc., gas, electricity, sewage, water and telephone. Some of these expenses you have doubtless carried in your apartment expenses.

LOOKING BACKWARD

To Aug. 26, 1918; 10 Years Ago Today



WINDSOR WILSON, Chicago Pioneer.

The week's real estate market was interesting one indeed. Wilson asked Congress for a declaration of war against Germany, which with the breaking of the nation's war activities, particularly as to mortgages, by the financial demands on the people, the gradual reduction of the country's business to meet the war needs, the rise in the price of building operations, the greatest activities in the way industry held.

To Aug. 26, 1908; 20 Years Ago Today



WILL JOHNSON, Chicago Pioneer.

Record has been made of the marriage of Miss Jessie Lowe Worster of Boston, Wis., for the property at the southwest corner of Jackson avenue and 130th street. The lease is for 101 years from May 1, 1909, at a yearly rental of $5,000 for the first seven years and at $7,500 for each of the succeeding 10's. The lessee to pay all taxes in addition. The land runs 66 feet on Michigan with a depth of 130 feet, and has old brick buildings.

Record has been broken for the new Blackstone hotel to be erected at Michigan avenue and Balbo court by the Drake Hotel company. The contract for the wrecking of the old buildings has been let to the Chicago City Lumber and Wrecking company and Fuller & Co. have the contract for the sinking of the caissons to test the nature of the soil.

To Aug. 26, 1898; 30 Years Ago Today



LOUIS E. JOHNSON, Chicago Pioneer.

L. E. Stallings has designed for John Utz nine flat buildings to be erected at 1760-70 Cornell avenue, 40x80 ft., 3 stories high, with basements, to cost $12,000 each. Frederick H. Atwood has been employed to let the contracts for the sinking of the caissons and superintend the work. Atwood last week purchased the property at the northwest corner of Clark and Madison streets. The consideration stated in the deed was $ [illegible] and other good and valuable considerations. The ground is 16x68 feet and the building a 16 story fireproof structure.

STORE BUILDING IS UNDERWAY AT WOODLAWN-63D

Congestion is announced for Oct. 1 as a building under construction at the corner of 63d and Woodlawn. The structure will contain seven stores and ten sale shops. It is two stories high, of steel and brick curtain construction, and it is stated will represent an investment in land and building of $100,000. The lot is 50x140 feet. Architects & Contractors are Architects, H. and M. Fridstein are owners. Financing is by the Wood-town Trust and Savings bank. McKay & Feagan, Inc., are agents.

BUY BROADWAY LAND.

Rupert C. Thomas, as attorney, and Gerard Rose bought 264x100 feet at 3500-10 Broadway, from Henry T. Carr for an undisclosed consideration, which is to be used for a two story building. The purchase was made for investment.

BRICK GARAGES and PORCHES





$650 Complete
2 Car 20x20 Brick Garage
Concrete foundation, cement floor and driveway, electric, water and sewer, full walk doors, and swing steel sash.

$165 2 Years to Pay $5 Down
COMPLETE
Any garage, porch or combination of these, that is not listed above, can be built at a price to suit you.

Get our prices on 3, 4 and 5-car garages. We build anywhere. Small frame garage, $185

Name
Address

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PRICES FOR ONE WEEK ONLY!



Profit by our low prices that prevail only until Sept. 1st. Biltrite garages are now lower than at any time in our eight years of garage building. Never before have we offered such values as now.

Prices Will Advance Sept. 1st

Biltrite Garages have satisfied thousands—the are style and quality you want. Buy now and pay a small part of each month's rent.

Over 60 Styles and Sizes

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Your old house can be made into a modern and distinctive dwelling by the addition of a sun parlor or other improvements of stylish design. Let us suggest alterations that will add charm and fashion here to your home and increase its value. Let us show you how to make your present home what you want it to be.

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Phone Lake View 2967
Loop Office: 140 S. Dearborn. Ph. Rand. 3114

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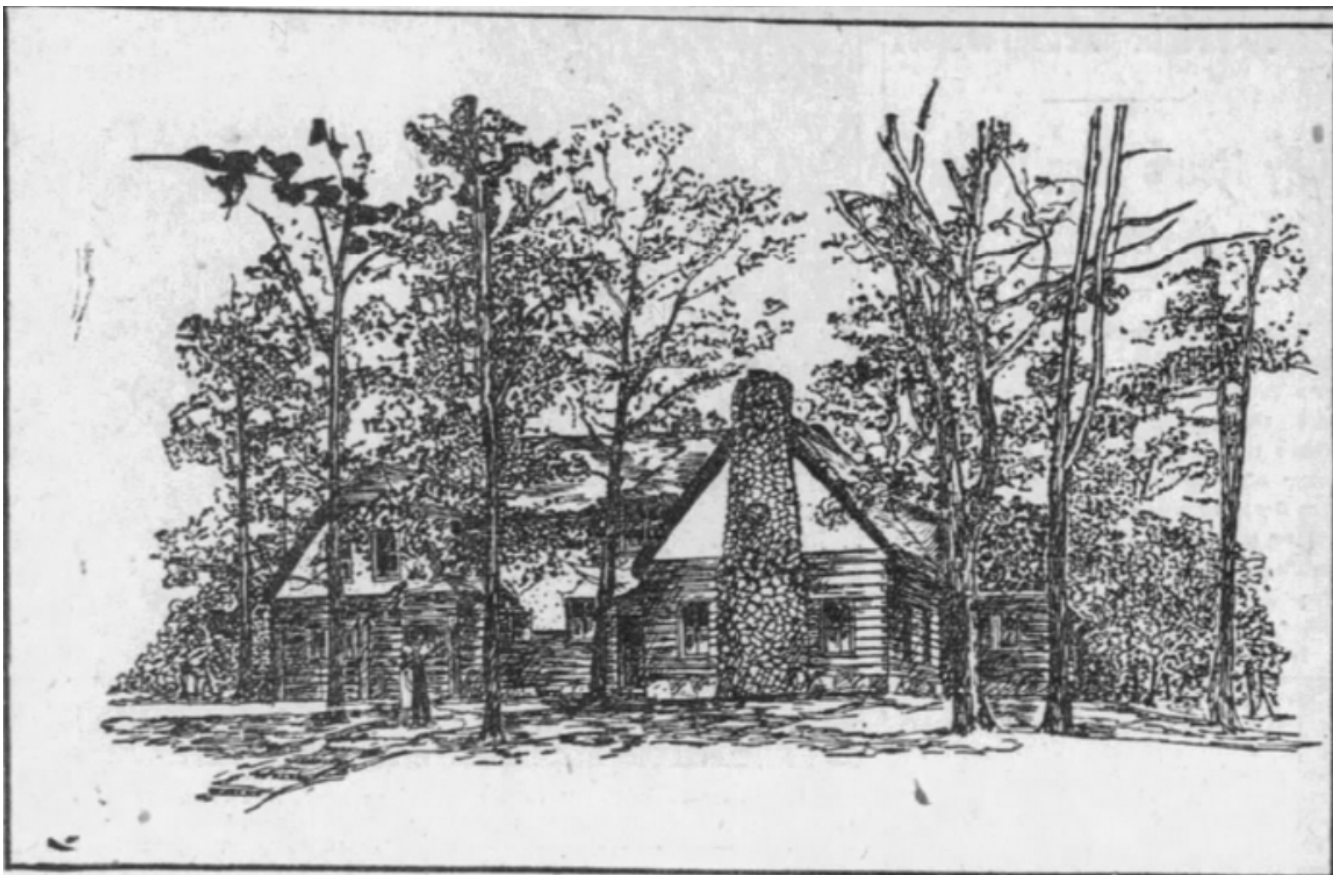
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Have your building and remodeling done by a thoroughly efficient and reliable firm specializing in building alteration and maintenance of residential and industrial properties. Satisfaction guaranteed.

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Notes about the drawing are on last page, for example, there are words above the garage.

Historic Preservation Review Application

- See following pages below for narratives responding to the following criterion

  1) It demonstrates character, interest or value as part of the development, heritage or cultural characteristics of the City, county, state or country;

  4) It embodies distinguishing characteristics of an architectural and/or landscape style valuable for the study of a specific time period, type, method of construction

  6) It embodies, overall, elements of design, detailing, materials, and/or craftsmanship that renders it architecturally, visually, aesthetically, and/or culturally significant and/or innovative;

  7) It has a unique location or it possesses or exhibits singular physical and/or aesthetic characteristics that make it an established or familiar visual feature;

  9) It possesses or exhibits significant historical and/or archaeological qualities

1) It demonstrates character, interest or value as part of the development, heritage or cultural characteristics of the City, county, state or country;

Swedish-Finnish American Tercentenary 1938: This was the commemoration of the 300th year anniversary of the landing of Swedish and Finnish settlers near Wilmington Delaware. The planning for the event started 20-years earlier in 1918. Recall: 818 Hill St was built 1927-1928

Major themes of the 1938 Tercentenary were the Kalmar Nyckel sailing ship, Swedish log houses, and Swedish art and hand crafts.

- **Swedish-Finnish log houses**
  - Swedish-Finnish are credited with bringing log houses and joinery to the US
  - The 1938 Tercentenary highlighted the "Lower Swedish Cabin" of "New Sweden".
  - See notes below.
  - Floor to above roof river stone chimney at one end of the living room
- **Kalmar Nyckel**
  - The ship in the plaque is the "Swedish Mayflower" that bought Swedish and Finnish settlers to the US. In the figure it is the circle on the chimney. Below the ship are two large fish and on the perimeter are sea horses, anchors, and fish hooks.
  - The plaque is ceramic low relief sculpture.
  - The US Mint and Royal Mint in Stockholm issued coins with engravings of the Kalmar Nyckel and dated 1938. The Swedish government provided the US Mint with a model of the Kalmar Nyckel. The US Mint held an engraving bake-off, which drew 40-entries. Carl Schmidt, a Smithsonian engraver, German immigrant, and student of Carl Milles, won the bake-off. A exact copy of that model is in Stockholm's National Maritime Museum.
  - See next page for a comparison. Svante Nilsson engraved the medallion on the right side of the page.
  - The Kalmar Nyckel sailed west from Kalmar Sweden to what is now Wilmington Delaware
    - On the coins, the Kalmar Nyckel faces right to left: Cartographic west.
    - On the plaque, the Kalmar Nyckel faces left to right: Geophysical west.

- **Swedish arts and craftsmanship**
  - See notes below on Swedish Grace.

- **Scandinavian Connection to the Sea**
  - Wavy rows of shingles the false thatched cedar roof can be viewed as crashing waves on a sea. Further superimposed are other waves crossing rows of shingles.
  - The waves of the roof, copper fish above weather vane, and sailing ship plaque and sea life below and on the perimeter serve to convey the profound connection of Scandinavia to the sea.




DELAWARE TERCENTENARY
E PLURIBUS UNUM
LIBERTY
1638 1938


NOVÆ·SUECIÆ·SUECIA·MEMOR
1638 1938
2 Kr


CALMARE NYCKEL
1638

Swedish Grace Movement 1910-1930: Swedish Grace involved Nordic folklore, myths, nature-centric motifs, Swedish hand crafts including hand-pounded metal objects and ceramics, along with modern interior design and house technology. Swedish Grace is a movement, not a specific type of art nor technique. The "Living Room at Ulriksdal Palace" historically embodies Swedish Grace.

- **Nordic and Scandinavian folklore**
  - Scandinavian and Nordic folklore involve moons and quarter moons, and on the lower half of the Dutch front door are four engraved quarter moons connected via decorative grooves.
  - Above the garage is a hand-pounded copper fish that looks like salmon atop a wrought-iron weather vane: A connection to Nordic and Scandinavian folklore.
- **Plaster and stucco work**
  - Swedish Grace liked plaster craftsmanship, durability, simplicity, borrowed from antiquity.
  - The exterior upper level stucco is imprinted with large floral-like patterns. The fronts of the dormer and trim around the windows is stucco.
  - Gable soffits are curved stucco that follows the curved roof arches
  - Ornate plaster walls and ceilings throughout the house are imprinted with geometric and repetitive surface surface decorations, no two square inches similar.
  - The living room has a vaulted partial barrel plastered ceiling, also with the surface decoration imprints mentioned right above.
  - The dining room has a substantial plaster crown molding.
- **Wood craftsmanship**
  - The living room wainscoting is Japanese Burnt Cypress.
    - Japonisme is a French term for late 19th and early 20th century influence of Japanese art in Europe. Japonisme impacted Swedish Grace.
    - The Japanese Burnt Cypress technique, which the Tribune article outline, is known as Yakisugi aka Shou Sugi Ban. It dates back to 18th century Japan.
  - Curved mill work flows around doors and curved plaster walls.
  - Diamond and round medieval like doors with small dungeon like windows.
  - Dining room mahogany wainscoting.
  - Quarter moon engravings on front door noted above.
  - Sunburst wood decorative design of eyebrow windows. The eyebrow windows are the low curved windows around which the roof curves; they are a hallmark of Storybook Houses. Within the eyebrow windows are radiating bars that mimic a rising or setting sun.
  - According to the Tribune article the staircase balustrade is handmade. It matches the balustrade of the internal living balcony.
  - Gymnasium maple floors: Sleeper boards between subfloor and the top tongue and groove. The living room is 10" wide alternating 6" wide rustic oak.
- **Other craftsmanship**
  - Hand pounded iron chandelier, as described in the Tribune. It is resting in the attic.
  - Hand pounded metal sconces, mostly iron but a couple are brass. The hand pounded metal sconces have a medieval castle theme (Spanish Revival).
  - Hand pounded copper fish noted is intact with green patina.
  - Faience was popular in the Swedish Grace Movement and other styles of the era. The ship plaque is of the Kalmar Nyckel is faience low relief sculpture.
  - The 1920s bathrooms, extended fireplace hearths, and front vestibule are all faience ceramic tile of the "The Mosaic Tile Co".

4) It embodies distinguishing characteristics of an architectural and/or landscape style valuable for the study of a specific time period, type, method of construction

- **False Thatched Cedar Roof Tudor Revival**
  - The book "*A Field Guide to American Houses*" documents "False thatched cedar roof" as a rare kind of Tudor Revival.
  - The revival architectures were European inspired, American created.
  - Storybook House and Cotswold Cottage are types of "False thatched cedar roof" houses.

- **Storybook House**
  - Storybook House is a Hollywood creation that spread elsewhere in the US. Many books on Storybook Houses of the 1920s exist.
  - Medieval like doors: arched, diamond, square top. Heavy wood and batten. Iron or medieval hardware. Many with small or tiny castle or dungeon like windows in doors, arranged to mirror door shapes
  - Whimsical shutters (non working).
  - Steep, steam bent, wavy cedar roof resembling traditional thatch, undulating surfaces flowing around eyebrow windows and arched dormers with apron sides.
  - Asymmetry everywhere: Gables, internal floor plan, each room, and so forth.
  - Medieval like wall sconces.
  - The forests around Magra Sweden inspired the enchanted forest and cottage of "Snow White and Seven Dwarfs" plus other films. Magra was the hometown of lead Disney animation illustrators such as Gustaf Tenggren, a Swedish immigrant.

- **Stockbroker Storybook House**
  - Stockbroker Storybook House was associated with the Chicago North Shore. It was poplar among wealthy, industrial, merchant, and, stockbrokers.
  - The living room balcony, partial barrel ceiling, fireplace, and dedicated quarters for a live-in maid point to affluent persons, and therefore, points at the house being a Stockbroker Storybook House.

6) It embodies, overall, elements of design, detailing, materials, and/or craftsmanship that renders it architecturally, visually, aesthetically, and/or culturally significant and/or innovative;

Steam-bent False Thatched Cedar Roof

- The defining feature of the house is the roof. Each shingle is hand cut to fit, potentially after being steam bent.
- Shingles in a horizontal rows have a wave like exposure. Exposure means not covered by other shingles of higher rows of the roof. That causes each row to look like a wave. There are waves seemingly run at diagonals, crashing into each other. The wave patterns are subjective, an art unto themselves.
- The first roof endured 60-years. The second roof made it 40-years.
- This is the third roof on the house. We and Cedar Roofing Company went well out of our way to replace the second roof with a third one that would last +60-years.
- A first step is use of 18" perfection Western Redwood shingles from old growth Crown forests on Vancouver Island. A second step is use of a chemical treatment to ward off insects, moss, algae, etc.
- The shingle are typically stacked 5-6 deep: Most area of every shingle is hidden below shingles of rows higher on the roof.
- After a century, virtually all the original under structure of the storybook thatched roof was intact. In places where the roof leaked, surface wood was replaced. Note: There is no plywood involved in the roof.
- Complex framing and curved surfaces provide the undulating, rolling, convex, concave surface. Ditto, the aprons of Storybook House dormers. The framing itself is sometimes rounded; other framing is built out above lower framing. Smaller pieces of wood, potentially angled, are nailed to curved framing to create curved surfaces. Shingles are cut after being steam bent to fit, one by one, to fit the curves.
- There is a very involved copper flashing around windows, dormers, roof protrusions, the chimney, the ridge, the tops of dormers, etc.
- There are ice shields to meet Highland Park codes and Cedar Shake and Shingle Bureau requirements.
- The Tribune states that the first roof was 9-shingles deep. The shingles were very likely protected with something called "Creo-Dipt", a preservative and stain. Photos of that roof are black and white, but it looks like the current roof.
- The first roof was due to William N Cramer of Hinsdale. He did all other steam bent false thatched cedar roofs back in the day. So it includes cedar thatched roofs in Hinsdale, Park Ridge, Palatine, Western Springs, Evanston, Highland Park, and more. Bill Cramer worked with Harold Zook, an architect who made the false thatch cedar roofs famous. These days the roofs are sometime called "Zook Roofs". Bill Cramer was part of a 4-generation family of roofers.
- Bill Cramer was awarded a US Patent for roof innovations (patent US1803998A).

Cedar Roofing Company created a short video of the roof replacement

- https://vimeo.com/user5295986/review/1100307973/6dac03c305

River stone chimney, fireplace, and masonry

- The living room chimney is composed of many kinds of solid round river stones. The river stones are on the living room internal side, from floor to ceiling, and ground to above the roof.
- The river stones do not hold up the chimney. It has an internal brick structure. The same is true of a fireplace in the first floor hallway.
- Recognizing the Swedish settler log house, there is wrought iron crane swing arm to support a Dutch oven over the fire.
- Brick piers support 6x8 horizontal beams below the living and dining room floors, including a wall that supports the cantilevered balcony and part of the second story of the house. The joists, beams and brick piers are quite robust.
- The Tribune article also mentions the field stone foundation wall. The stones are individually cut and mortared to a part of outside of the above ground foundation. The foundation holds up the house, not the field stones.

Swedish Hewn Log House

- The Swedish and Forest Finns worked with hewn logs, meaning squared off flat on four sides.
  - The 180-year old hewn logs of the first floor of 818 Hill St are from a Mundelein log cabin built ca 1840, razed in the 1920s, and then transported here for this house.
  - The vast majority of the hewn logs on this house are original
  - Observation: The original log house from Mundelein must have been fairly large because on this house, the hewn logs run a full length of wherever they are going. For example: there is one single continuous log above the two car garage, from one wall to the opposite. It is not like standard shorter logs are blocked together, as with siding, for example.
  - The house holds up the logs, walls, and roof, not the other way around.
- The corners are “box joint” also called “square joint”.
  - Zooming in on the ink drawing, one can see the corner box joints
  - Swedish and Forest Finn settlers back in the 1600s made use of other kinds joints at corners.
  - Box joint corners can be internally reinforced, which is sometimes why they are liked over other corner joints. We have not taken any part to look at the corner joints on this house.

Architectural Illusions

- The 4” thick field stone foundation wall provides a believable illusion of an old field stone foundation. The fields stones do not support anything.
  - The 4” field stones are mortared to an 8” thick above ground part of a below ground 12” foundation.
- The hewn logs, corner joinery, and chinking provide a provide a believable illusion of a Swedish log house. The hewn logs do not support anything.
  - The hewn logs are fasted to the house frame.
  - The field stones and hewn logs are the same width, so it appears that the hewn logs rest on top of a field stone foundation.
- There are hewn logs look like cantilevered supports of the living room balcony
  - The balcony holds up the hewn logs, not the other way around.
- From the outside the chimney looks like historic chimneys of Swedish log houses. Fireplace with wrought iron crane swing arm supports a Dutch oven. There is an ash pit that is inaccessible at the bottom. There is a second fireplace in a first floor hallway.
- Since the house has centralized heat and a kitchen, and originally, live-in maid quarters, the fireplaces are focal point décor.
- False thatched cedar roof: Self descriptive
- The shutters are decorative wood, angled consistent with the whimsical nature of storybook.

7) It has a unique location or it possesses or exhibits singular physical and/or aesthetic characteristics that make it an established or familiar visual feature;

- Steam bent false thatched cedar roof storybook houses are rare kinds of Tudor Revival.
- The Swedish and Finnish influences makes the house even more unique in an already rare category.
- We have discovered that the house is well-known.

9) It possesses or exhibits significant historical and/or archaeological qualities.

- The house is about Swedish immigrant history, Swedish art and culture, and was attuned to Swedish Tercentenary planning. And to “Stockbroker Storybook House” of the greater North Shore of Chicago.
- No effort was spared inside and out.

Notes on Tribune article drawing:

- It has unexpected words in a white circular cloud-like space above the garage. The wide dots form part of the perimeter of a circle. See a zoomed in snip from the figure below.
  - On an upward diagonal in the circle is the word "*Log*" in cursive handwriting. Significant zoom may be needed to unravel the pen stroke of the cursive '*L*'.
  - Harry Bengston liked cloud-like framing perhaps to convey the idea of a dream house.
- Below the word "*Log*", visible without zoom, is yet another word
  - At first glance, it looks like the word "*YES*". However, the 's' is followed by '*t*', all in the same heavier ink.
  - Looking at the first two letters as Old English calligraphy '*n*' and '*e*' run together followed by '*s*' and '*t*', the letters spell "*nest*". "Run together" may be printing press artifact.
- One begins to wonder:
  - Is it a pun: "*Log nest*" in place of "*Love nest*"?
  - Is it actually saying "*YES*" to log houses? Or written like that to be both "yes" and "nest"?
  - Is it some subliminal message to the couple on the windy stone sidewalk?
- Aside
  - Fairly visible are bold numbers 7 & 8. The house was constructed in 1927-8.
  - There may be yet other handwriting, for example, on the chimney.
- We are looking for an actual paper copy to digitize.



- The drawing is accurate
  - One can see dormer aprons and large eyebrow dormer curved roof mostly hidden behind trees. The west roof ridge rises to "jerkin-head gable" and roof ridge facing south.
  - The sailing ship's white sail and dark images below match the orientation of sails and two large fish below the ship.
  - The corner box joints, hewn logs, and field stone are very accurate.
  - Is it a photo projected to paper using halftone, popular for newspapers of the time, and then further enhanced by hand? Or was it entirely done by a talented artist?
  - There are a couple of minor oversights, but otherwise, it is remarkably accurate.

Restoration of century old art-like houses is very challenging.

- **Cedar Roofing Company** was able to replace the second roof with new one that is historically accurate and quite close to the robustness of the original roof. Understanding how such a roof is constructed, where old growth shingles originate and are treated, “the waves”, modern roof codes, steam bending, the understructure, is comparable to graduate thesis.
  - Cedar Roofing Company 2-minute video of the roof replacement
- **DiVinci** restored plaster walls ceilings, crown molding, and stucco. The vertical, sloped, curved plaster walls and exterior stucco have historic imprinted surface decorations that was variously falling apart. Myriad unknown coatings on plaster and efflorescence, confounded us. Swedish Grace plaster crown moldings may possess simplicity, but they are not simple to repair. Same is true for engraved doors.
- **Elite Chimney and Masonry** (St Charles) restored masonry, chimneys, fireplaces, and cleaned up the ship plaque. River stones simply fell out and rolled to the ground. Some modernization to meet codes. Boring holes from the inside to exactly exit between river stones through many layers of brick, clay tile, and more. Yet masonry in the house is very challenging to access to repair.

Who financed the house?

- Although the physical lot is part of the Mrs Rockefeller McCormick Properties land purchase that is “The Highlands”, the house itself has no relationship to Krenn & Dato Construction, its in-house architect, etc.
- Krenn & Dato recruited a multi lingual sales force that included Swedish and other Scandinavian.
- Despite being across the street from the Krenn & Dato widely advertised Tudor Revival model home, the house was not on their marketing bus tour, nor mentioned in their monthly newsletter nor vast newspaper advertising.
- One thing for certain, Harry Bengston was well connected.

818 Hill St Narrative (continued)

(3) It is associated with a person or persons who significantly contributed to the development of the City, county, state or country;

Conveyance record mystery

- Question: Who owned the lot and house at 818 Hill St prior to William and Ethel Hilton?
  - All Krenn & Dato's Highland Park addition lots sold 1925 through the mid 1930s seemingly arrive to Chicago Title & Trust from nowhere.
  - Recorder office conveyance records may indicate Dato as the Grantor, but in that case there is no clue how Dato received them in the first place.
  - Newspaper real estate transaction abstracts cite Chicago Title and Trust as the Grantor
  - It always seems that the other half of the transaction is somehow lost across the board
- Benjamin Rosenthal land tract
  - The December 11 1923 meeting is where the ERM Trust decides to buy the Benjamin Rosenthal land tract.
  - In the process the ERM Trust decides to create a trust to hold the land tract being purchased.
- Trust #13675
  - The ERM Trust meeting minutes of December 11 1923 do not report the trust number because the trust has yet to be created at that time.
  - Reading the deeds for all lots from Krenn & Dato's Highland Park addition, we see they originate from Trust Number 13675, dated Eighth day of August 1924.
  - So this is the trust specified to be created in the December 11 1923 ERM Trust meeting.
- Missing years of ERM Trust meeting minutes
  - ERM Trust meeting minutes for 1927 and 1928 are missing. However, there is no proof that the lost meeting minutes ever reported the number of the trust.
- See following pages for meeting minutes, Hilton deed, and other example deeds

Review

- Harry Bengston builds the Storybook House at 818 Hill St in 1927 and 1928
- We know this fact from the August 16 1928 Chicago Tribune "Home Builders Department" article on the house. The article includes an ink drawing of the house viewed from Hill St. The author of he article obviously interviewed Harry Bengston
- As an aside, Harry Bengston worked with Mrs Edith Rockefeller McCormick Properties because he ended up in insolvency court with Edward Dato et al regards a property in Sheridan Manor, Lake Forest. So they all knew each other.

First owner

- William and Ethel Hilton purchased the house and lot a month after ERM passes away. Their purchase originates from Trust Number 13675, dated Eighth day of August 1924
- Harry Bengston built a Storybook House on a lot owned by Edith Rockefeller McCormick.
- ERM never sold the lot and house. It would not be sold for another 4-5 years. This was a month after after she has passed away.
- **Edith Rockefeller McCormick is the first owner of 818 Hill St**
- William and Ethel Hilton are the second owners.
- Harry Bengston is not part of Krenn & Dato Building Contractor Company. Aside: William Cramer installed the steam bent false thatched cedar roof. He worked with/for Harold Zook.
- 818 Hill St is across the street from the Krenn & Dato model home. The model home is on their real estate sales bus tour, their advertising, in the same time frame. Yet, 818 is never mentioned.

MINUTES

OF A REGULAR MEETING OF TRUSTEES HELD

December 11th, A.D.1923.

A regular meeting of the Trustees of the EDITH ROCKEFELLER OKMICK TRUST was held Tuesday, December 11th, A. D. 1923, at Two lock P. M. at Number 600 North Michigan Avenue, Chicago, Illinois.

sent

Edith Rockefeller McCormick
Edwin D. Krenn
Edward A. Dato

ng all the Trustees of said Trust.

Mr. Krenn presented the following resolution, which was seconded Mr. Dato and duly carried by the unanimous vote of the Trustees.

"RESOLVED that the officers of this Trust be and they are hereby authorized to make a loan to Edith Rockefeller McCormick in the sum of One Hundred Seventy Thousand Dollars, to be evidenced by a note of the borrower due Two years after the date thereof and bearing interest at the rate of Five and One-half percent per annum."

Mr. Krenn presented the following resolution, which was seconded Mr. Dato and unanimously carried by a vote of the Trustees.

"RESOLVED that the officers of this Trust be and they are hereby authorized to purchase for this Trust, a tract of land containing approximately One Hundred Seventy-eight acres in Lake County, Illinois, from Benjamin J. Rosenthal, described as follows:

The north half of the west half of the northwest quarter of Section fifteen, in Township forty-three, North Range twelve, east of the Third Principal Meridian; also

That part of the southwest quarter, Section ten in said Township and Range, lying west of the right of way of the Chicago & Northwestern Railroad Company (except from the last described parcel two small tracts, containing approximately one acre)"

"The said officers are hereby authorized to pay Three Hundred and Ninety Thouand Dollars for said property as follows: One Hundred Sixty Five Thousand Dollars in cash, and to assume a mortgage of Two Hundred and Twenty Five Thousand Dollars.

BE IT FURTHER RESOLVED that said officers are authorized to take title to said property in the name of an individual and to create a TRUST for the sale of said property and to sell the same for such prices and upon such terms, as said officers or anyone designated by them may see fit."

Mr. Krenn presented the following resolution, which was seconded by Mr. Dato, and was duly carried by the unanimous vote of the Trustees.

"BE IT RESOLVED by the TRUSTEES of the EDITH ROCKEFELLER McCORMICK TRUST that Edith Rockefeller McCormick President, Edwin D.Krenn Vice-president, and Edward A. Dato Secretary of this Trust, or any two of said officers of the Trust named above, be and they are hereby authorized to sell, assign, transfer and set over to any person or persons, including themselves, or any one of themselves or to any corporation, any or all of the stock now or hereafter owned by the said Trust.

"BE IT FURTHER RESOLVED, that said officers or any two of them, may take any other steps to complete any sale, transfer or assignment of any or all stock that may be necessary or required by any party to any such sale, transfer or assignment."

Mr. Krenn presented the following resolution, which was seconded by Mr.Dato, and was duly carried by the unanimous vote of the Trustees.

"WHEREAS, for the purpose of borrowing money from time to time, it is necessary that the officers of this Trust deposit with bank or banks as collateral, stocks belonging to this Trust, and

WHEREAS, for use as collateral and to constitute "good delivery" under the rules of the stock exchange, it is necessary that said stocks be held in the names of individuals and by said individuals assigned in blank.

NOW THEREFORE BE IT RESOLVED, that the officers of this Trust be and they are hereby authorized to cause the following stocks to be transferred to the

following individuals:

Stocks in the name of Edwin D.Krenn

6300 Shares Common Stock Standard Oil Company of New Jersey.
918 Shares Common Stock Prairie Pipe Line Company.
500 Shares Common Stock Atlantic Refining Company.
200 Shares Preferred Stock Atlantic Refining Company.
2700 Shares Common Stock Standard Oil Company of California.
3600 Shares Common Stock Standard Oil Company of Indiana.
612 Shares Common Stock Prairie Oil & Gas Company.

Stocks in the name of Edward A. Dato

4088 Shares Common Stock Standard Oil Company of Califnrnia.
1400 Shares Preferred Stock Standard Oil Company of New Jersey.
6800 Shares Common Stock Standard Oil Company of New York.
1040 Shares Common Stock Standard Oil Company of Indiana.

BE IT FURTHER RESOLVED that said stocks ~~be~~ held by individuals shall be assigned in blank by said nominal holders and shall remain the property of this Trust, and said officers may take such other evidence of ownership from said individuals as said officers may deem necessary."

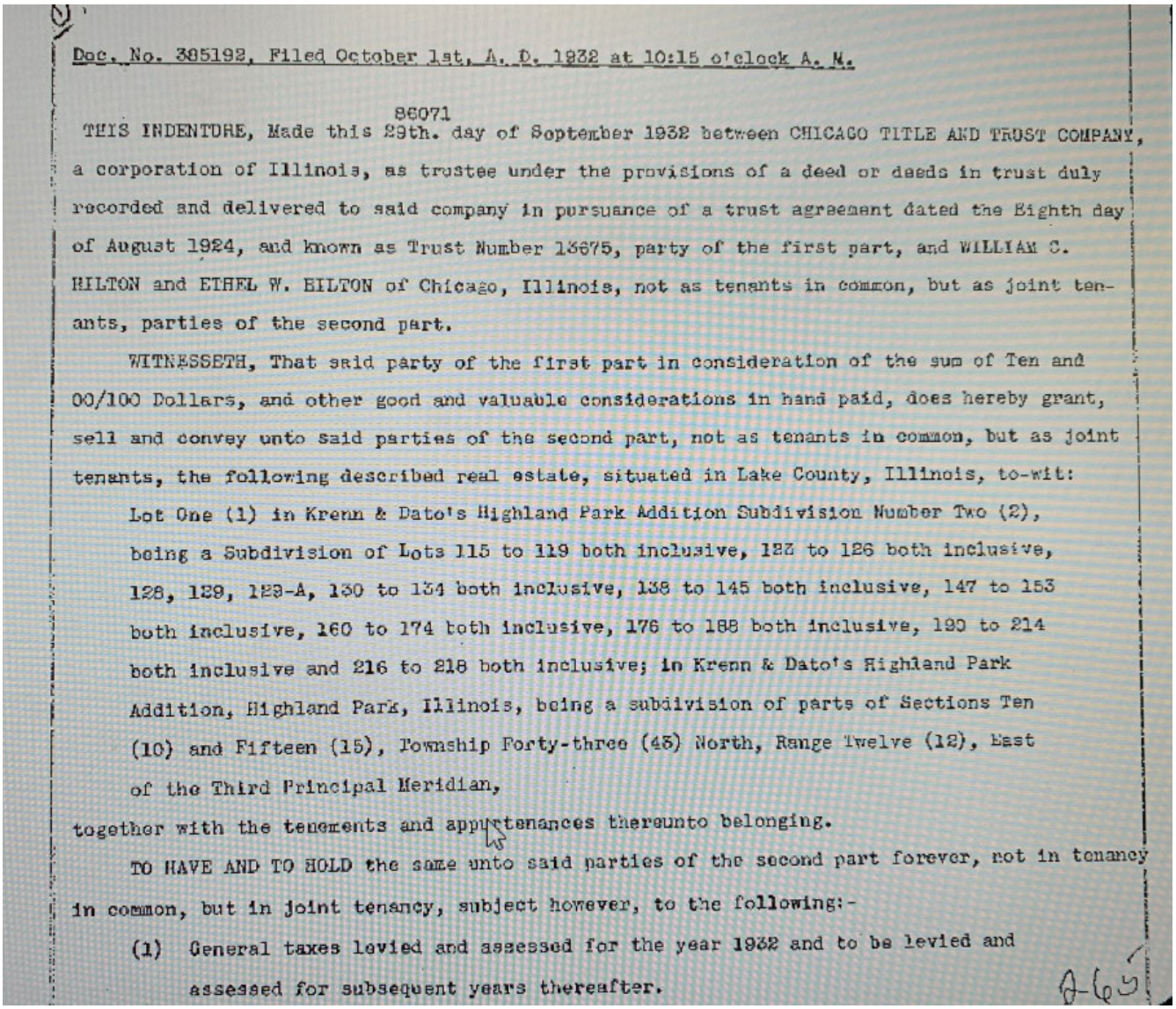
There being no further business to come before said meeting, upon motion of Mr.Krenn, seconded by Mr. Dato, the meeting adjourned.

Edward A. Dato
Secretary.

APPROVED:

Edith Rockefeller McCormick
President

Lot 1: William and Ethel Hilton, October 1932 = 818 Hill St



Doc. No. 385192, Filed October 1st, A. D. 1932 at 10:15 o'clock A. M.

86071

THIS INDENTURE, Made this 29th. day of September 1932 between CHICAGO TITLE AND TRUST COMPANY, a corporation of Illinois, as trustee under the provisions of a deed or deeds in trust duly recorded and delivered to said company in pursuance of a trust agreement dated the Eighth day of August 1924, and known as Trust Number 13675, party of the first part, and WILLIAM C. HILTON and ETHEL W. HILTON of Chicago, Illinois, not as tenants in common, but as joint tenants, parties of the second part.

WITNESSETH, That said party of the first part in consideration of the sum of Ten and 00/100 Dollars, and other good and valuable considerations in hand paid, does hereby grant, sell and convey unto said parties of the second part, not as tenants in common, but as joint tenants, the following described real estate, situated in Lake County, Illinois, to-wit:

Lot One (1) in Krenn & Dato's Highland Park Addition Subdivision Number Two (2), being a Subdivision of Lots 115 to 119 both inclusive, 122 to 126 both inclusive, 128, 129, 129-A, 130 to 134 both inclusive, 138 to 145 both inclusive, 147 to 153 both inclusive, 160 to 174 both inclusive, 176 to 188 both inclusive, 190 to 214 both inclusive and 216 to 218 both inclusive; in Krenn & Dato's Highland Park Addition, Highland Park, Illinois, being a subdivision of parts of Sections Ten (10) and Fifteen (15), Township Forty-three (43) North, Range Twelve (12), East of the Third Principal Meridian,

together with the tenements and appurtenances thereunto belonging.

TO HAVE AND TO HOLD the same unto said parties of the second part forever, not in tenancy in common, but in joint tenancy, subject however, to the following:-

(1) General taxes levied and assessed for the year 1932 and to be levied and assessed for subsequent years thereafter.

A-69

Lot 114: CT&T to Herman Ritow, August 10th 1928

DEED RECORD No. 326

Doc. No. 322757, Filed August 10th A. D. 1928 at 2:30 o'clock P. M.
49823.

THIS INDENTURE, Made this Twenty-seventh day of July, 1928, between CHICAGO TITLE AND TRUST COMPANY, a corporation of Illinois, as Trustee under the provisions of a Deed or Deeds in Trust duly recorded and delivered to said company in pursuance of a Trust Agreement dated the Eighth day of August, 1924 and known as Trust Number 13675, party of the first part, and HERMAN RITOW, of Chicago, Illinois, party of the second part,

W I T N E S S E T H :

That said party of the first part, in consideration of the sum of FIVE THOUSAND and No/100 ($5,000.00) Dollars in hand paid, does hereby grant, sell and convey unto said party of the second part, the following described real estate, situated in Lake County, Illinois, to-wit:-

Lot One Hundred Fourteen (114) in Krenn & Dato's Highland Park Addition Highland Park, Illinois, being a subdivision of parts of Sections Ten (10) and Fifteen (15) in Township Forty-three (43) North, Range Twelve (12) East of the Third Principal Meridian,

together with the tenements and appurtenances thereunto belonging.

TO HAVE AND TO HOLD the same unto said party of the second part, and to the proper use, benefit and behoof forever of said party of the second part, SUBJECT, HOWEVER, to the following covenants, conditions and restrictions:-

No building erected on said lot shall cost less than Ten Thousand ($10,000.00) Dollars, except that after or during construction necessary outbuildings may be erected at less cost.

No garage, barn, or other outbuilding, erected on said lot, shall at any time be used as a residence.

The use of said property is restricted to residence purposes, including the right to erect only a one-family residence on said premises.

Easements of Record.

Zoning and Building Ordinances.

The premises herein described shall not be conveyed or leased by the grantee or any of the successors in title of the grantee, to any person who is not a Caucasian; neither the premises herein described nor any of the improvements thereon shall be

Lot 112: CT&T to Petter Iversen, November 12th 1925

Doc. No. 268926. Filed November 12th A.D. 1925 at 11:50 o'clock A.M.

24400

THIS INDENTURE, Made this 3rd day of September 1925, between CHICAGO TITLE AND TRUST COMPANY, a corporation of Illinois, as trustee under the provisions of a deed or deeds in trust duly recorded and delivered to said company in pursuance of a trust agreement dated the 8th day of August, 1924, and known as Trust Number 13675, party of the fist part, and PETTER IVERSEN and DAGMAR A. B. IVERSEN, of Chicago, Illinois, not as tenants in common, but as joint tenants, parties of the second part.

WITNESSETH, That said party of the first part in consideration of the sum of Forty-four Hundred ($4400.00) and no/100 Dollars, and other good and valuable considerations in hand paid, does hereby grant, sell and convey unto said parties of the second part, not as tenants in common, but as joint tenants, the following described real estate, situated in LAKE County, Illinois, to-wit:

Lot One Hundred Twelve (112) in Krenn & Dato's Highland Park Addition, Highland Park, Illinois, being a subdivision of parts of Sections Ten (10) and Fifteen (15) in Township Forty-three (43) North, Range Twelve (12) East of the Third Principal Meridian, together with the tenements and appurtenances thereunto belonging.

TO HAVE AND TO HOLD the same unto said parties of the second part forever, not in tenancy in common, but in joint tenancy.

Subject, however, to the following covenants, conditions and restrictions:

FIRST: Each building erected on said lot shall cost not less than Ten Thousand ($10,000.00) Dollars, except that after or during construction necessary out-buildings may be erected at less cost.

SECOND: No garage, barn, or other-buildings, erected on said lot, shall at any time be used as a residence.

THIRD: The use of said property is restricted to residence purposes, including the right to erect only one-family residences on said premises.

FOURTH: Zoning and building ordinances.

FIFTH: Easements of record.

The premises herein described shall not be conveyed or leased by the grantee or any of the successors in title of the grantee, to any person who is not a Caucasian, that neither the premises herein described nor any of the improvements thereon shall be occupied by anyone who is not a Caucasian; and that in the event that the premises herein described shall be conveyed or leased by the grantee or any of the successors in title of the grantee to any person who is not a Caucasian or in the event that the said premises or any improvements erected thereon shall at any time be occupied by a person who is not a Caucasian, the property herein described shall revert to the grantor free and clear from any claim of the grantee or the successors in title of the grantee, such reversion, however, to be subject to any then existing encumbrances.

Lot 85: CT&T to Fred Heine, May 31st 1927

DEED RECORD No. 308

Doc. No. 299742. Filed May 31st A.D. 1927 at 4:15 o'clock P.M.

35402
THIS INDENTURE, Made this Eleventh day of January 1927 between CHICAGO TITLE AND TRUST COMPANY, a corporation of Illinois, as trustee under the provisions of a deed or deeds in trust duly recorded and delivered to said company in pursuance of a trust agreement dated the Eighth day of August 1924, and known as Trust Number 13675, party of the first part, and FRED C. HEINE and ETTIE HEINE of Chicago, Illinois, not as tenants in common, but as joint tenants, parties of the second part.

WITNESSETH, That said party of the first part in consideration of the sum of THIRTY TWO HUNDRED FIFTY and No/100 ($3250.00) Dollars, in hand paid, does hereby grant, sell and convey unto said parties of the second part, not as tenants in common, but as joint tenants, the following described real estate, situated in Cook County, Illinois, to-wit:

Lot Eighty-five (85) in Krenn & Dato's Highland Park Addition, Highland Park, Illinois, being a subdivision of parts of Sections Ten (10) and Fifteen (15) in Township Forty-three (43) North, Range Twelve (12) East of the Third Principal Meridian,

together with the tenements and appurtenances thereunto belonging.

TO HAVE AND TO HOLD the same unto said parties of the second part forever, not in tenancy in common, but in joint tenancy.

Subject, however, to the following covenants, conditions and restrictions:

FIRST: No building erected on said lot, shall cost less than Ten Thousand ($10,000.00) Dollars, except that after or during construction necessary outbuildings may be erected at less cost.

SECOND: No garage, barn or other outbuilding, erected on said lot, shall at any time be used as a residence.

THIRD: The use of said property is restricted to residence purposes including the right to erect only one-family residences on said premises.

FOURTH: Easements of Record.

FIFTH: Zoning and Building Ordinances.

The premises herein described shall not be conveyed or leased by the grantee or any of the successors in title of the grantee, to any person who is not a Caucasian, that neither the premises herein described nor any of the improvements thereon shall be occupied by anyone who is not a Caucasian; and that in the event that the premises herein described shall be conveyed or leased by the grantee or any of the successors in title of the grantee to any person who is not a Caucasian or in the event that the said premises or any improvements erected thereon shall at any time be occupied by a person who is not a Caucasian, the property

Lot 56: CT&T to Rudolph Gran, August 30th 1929

Doc. No. 342462, Filed August 30th, A. D. 1929 at 3:15 o'clock P. M.

61875

THIS INDENTURE, Made this Thirteenth day of August 1929, between CHICAGO TITLE AND TRUST COMPANY, a corporation of Illinois, as trustee under the provisions of a deed or deeds in trust duly recorded and delivered to said company in pursuance of a trust agreement dated the Eighth day of August 1924, and known as Trust Number 13675, party of the first part, and RUDOLPH ARTHUR GRAN of Chicago, Illinois party of the second part.

WITNESSETH, That said party of the first part, in consideration of the sum of SIX THOUSAND AND NO/100 ($6,000.00) Dollars, in hand paid, does hereby grant, sell and convey unto said party of the second part, the following described real estate, situated in Lake County, Illinois, towit:

Lot Fifty six (56) in Krenn & Dato's Highland Park Addition, Highland Park, Illinois, being a subdivision of parts of Sections Ten (10) and Fifteen (15) in Township Forty three (43) North, Range Twelve (12), East of the Third Principal Meridian.

together with the tenements and appurtenances thereunto belonging.

TO HAVE AND TO HOLD the same unto said party of the second part, and to the proper use, benefit and behoof forever of said party of the second part, subject, however, to the following covenants, conditions and restrictions:--

No building erected on said lot shall cost less than Ten Thousand ($10,000.00) Dollars, except that after or during construction, necessary outbuildings may be erected at less cost.

No garage, barn, or other outbuilding, erected on said lot, shall at any time be used as a residence.

The use of said property is restricted to residence purposes including the right to erect only one-family residences on said premises.

Easements of Record.

Zoning and Building Ordinances.

The premises herein described shall not be conveyed or leased by the grantee or any of the successors in title of the grantee, to any person who is not a Caucasian; neither the premises herein described nor any of the improvements thereon shall be occupied by anyone who is not a Caucasian, and in the event that the premises herein described shall be conveyed or leased by the grantee or any of the successors in title of the grantee, to any person who is not a

Lot 98: CT&T to James O'Brien, May 28th 1928

91

Doc. No. 318592. Filed May 28th A.D. 1928 at 4:30 o'clock P.M.

47786
THIS INDENTURE, Made this Twenty-third day of May 1928, between CHICAGO TITLE AND TRUST COMPANY, a corporation of Illinois, as trustee underthe provisions of a deed or deeds in trust duly recorded and delivered to said company in pursuance of a trust agreement dated the Eighth day of August 1924, and known as Trust Number 13675, party of the first part, and JAMES H. O'BRIEN of Chicago, Illinois party of the second part.

WITNESSETH, That said party of the first part, in consideration of the sum of SEVENTEEN THOUSAND FIVE HUNDRED and No/100 ($17,500.00) Dollars, and other good and valuable considerations in hand paid, does hereby grant, sell and convey unto said party of the second part, the following described real estate, situated in Lake County, Illinois, towit:

Lot Ninety-eight (98) in Krenn & Dato's Highland Park Addition, Highland Park, Illinois, being a subdivision of parts of Sections Ten (10) and Fifteen (15) in Township Forty-three (43) North, Range Twelve (12) East of the Third Principal Meridian,

together with the tenements and appurtenances thereunto belonging.

TO HAVE AND TO HOLD the same unto said party of the second part, and to the proper use, benefit and behoof forever of said party of the second part, subject, however, to the following covenants, conditions and restrictions:

No building erected on said lot shall cost less than Ten Thousand ($10,000.00) Dollars,

458

459

DEED RECORD No. 323

except that after or during construction, necessary outbuildings may be erected at less cost.

No garage, barn, or other outbuilding, erected on said lot, shall at any time be used as a residence.

Easements of Record.

Zoning and Building Ordinances.

The premises herein described shall not be conveyed or leased by the grantee or any of the successors in title of the grantee, to any person who is not a Caucasian; neither the premises herein described nor any of the improvements thereon shall be occupied by anyone who is not a Caucasian; and in the event that the premises herein described shall be conveyed or leased by the grantee or any of the successors in title of the grantee, to any person who is

Lot 91: CT&T to Carl Sulzer, August 3rd 1931

2.

Doc.No.371497, Filed August 3rd A.D. 1931 at 11:15 o'clock A. M.
54468

THIS INDENTURE, Made this Tenth day of December 1928, between CHICAGO TITLE AND TRUST COMPANY a corporation of Illinois, as trustee under the provisions of a deed or deeds in trust duly recorded and delivered to said company in pursuance of a trust agreement dated the Eighth day of August, 1924, and known as Trust Number 13675, party of the first part, and CARL SULZER of Chicago, Illinois, party of the second part.

WITNESSETH, That said party of the first part, in consideration of the sum of Three Thousand and No/100 ($3,000.00) Dollars in hand paid, does hereby grant, sell and convey unto said party of the second part, the following described real estate, situated in Lake County, Illinois, towit:

Lot Ninety-one (91) in Krenn & Dato's Highland Park Addition, Highland Park, Illinois being a Subdivision of parts of Sections Ten (10) and Fifteen (15) in Township Forty-three (43) North, Range Twelve (12) East of the Third Principal Meridian,

together with the tenements and appurtenances thereunto belonging.

TO HAVE AND TO HOLD the same unto said party of the second part, and to the proper use, benefit and behoof forever of said party of the second part, subject, however, to the following covenants, conditions and restrictions:-

No building erected on said lot shall cost less than Ten Thousand ($10,000.00) Dollars, except that after or during construction, necessary outbuildings may be erected at less cost.

No garage, barn, or other outbuilding, erected on said lot, shall at any time be used as a residence.

384

Time Comparisons

- First roof (1928-1989): Tribune ink drawing of house from Hill St. *See narrative.*
- Third roof (2025): Detailed video of roof and entire house
- https://vimeo.com/user5295986/review/1100307973/6dac03c305
- The next two slides compare the south side before and after 1990
- Identical camera positioning while varying one “parameter” is challenging.
- While the three roofs visually look identical, they are not.

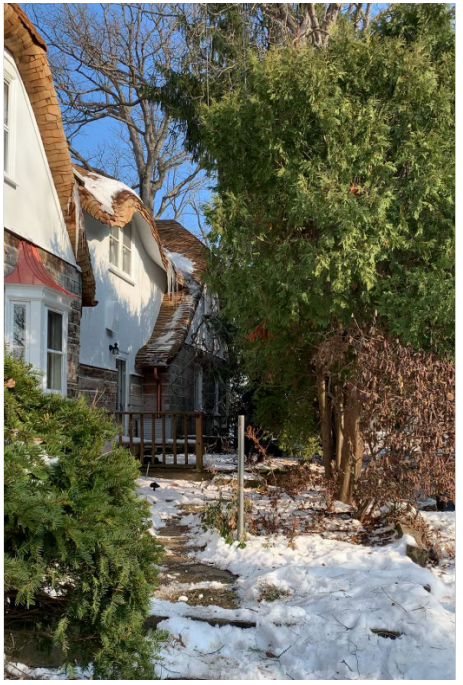
Time Comparisons

- Next two slides: South side before and after 1990
- Before 1990: Photos on left half of next two slides
- After 1990: Photos on right half of next two slides
- Today: Refer to narrative and watch the video on first slide.
- Note: The stucco was restored after the video whereas the roof and masonry are before. In reality, one may have to “zoom in” to see numerous core problems and what was being restored. Or be inside the house itself.

Before 1990



After 1990



Before 1990



After 1990





Door and Window on South Side

- Butler pantry, kitchen, maid's bedroom are merged.
- Double window becomes a door and a single window becomes a double window. Back door is replaced with a matching door.
- Some logs over 100-years have had to be replaced as the logs were already ~150-years old in 1990. 2nd roof looked like 1st roof. Any "new" logs are identical dimensions w/ distressed age.
- Refer to "before and after slides": The south side exterior historical appearance is intact.

Maid’s Bath → Laundry

- 1993-1996: Maid’s bathroom morphed into laundry
- This changed the level of that floor to match the level of the back door. It is the south east back corner of the house.
- This did not affect the exterior of the house. Original maid’s bathroom window stays.

Other Three Sides of 818 Hill St

- Backdoor on east side replaced as outlined above.
- Original garage doors were carriage with original hewn logs. The carriage doors were approximately 60-years old whereas the hewn logs on the garage doors were much older.
- Today, one can order “DIY carriage garage doors”. Such doors have steel frames and one “builds up” starting with the frame. Mechanical questions exist. Practical matter: Snow will block carriage garage doors.
- Restoring 818 Hill St has involved lots of almost non existent present-day skill sets. Contrarily, replicating original doors is a one-of-a-kind project.



COUNTY / TOWNSHIP: Deerfield

CITY, OR OTHER TAXING DISTRICT: Highland Pk. 1807

ADDRESS OF PROPERTY: ~~1400~~ 818 ~~818~~ Hill St. AK-0008737

818. 16-10-320-001

Card ___ of ___ Cards

INDEX NUMBER: 18 102-1398

818 Hill ST

PERMANENT RECORD NUMBER OR LEGAL DESCRIPTION

TRACT No. - 1610330608

7-96 515.000

5-93 460.000

6-13-87 $307.000

KRENN & DATO'S HIGHLAND PK. ADD - SUB NO. 2 Lot 1

9-21-78 RS $160,000

69 RS 74,500 128%

LAND USE	Rural: Improved / Unimproved	Urban: Improved / Unimproved	Residential / Commercial	Industrial / Mineral

RECORD OF OWNERSHIP

Date	Name	Address	Record	Remarks
4/58	J. Jerome Miller			
69 RS	ALEXANDER, JEROME (M)			
78 RS	PAULI B.			
6/87	Blonder, Jeffrey A.			
5/93	Thomas Brandt			
7/96	Anthony Simone			

Date	Number Units	Use (Occup



LOT RECORD

TOPOGRAPHY	ZONING
Level	Residential
High	Apartment
Low	Business
	Light Indust.
IMPROVEMENTS	Heavy Indust.
Sidewalks	STREET
Curbs	Hard Surface
Water	Gravel
Sewers	Unpaved-Dirt

ACREAGE RECORD

ROAD	TOPOGRAPHY	MINERAL LANDS
Hard Surface Rd	Level	Extent and Nature of Ownership
Gravel Road	Rolling	
Dirt Road	Low	
No Road Outlet	ACRES	
Distance to All-weather Road	Cultivatable	Valuation Calculation
TRADING CENTER	Pasture	
Distance to Trading Center	Forest, Trees	
	Waste	
	Roads, Streams	
	Total Acres	

LOT OR LAND VALUE CALCULATION

Size of Lot or Number of Acres	Soil Class	Base Unit Value	Depth or Cor. Influence: Table	Depth or Cor. Influence: Factor	Adjusted Unit Value	Lot or Land Value: Improved	Lot or Land Value: Unimproved
80x190							
Total Acs.		Total Base Land Value					

ADJUSTMENT FOR RURAL LAND	
Type of Road	Location Adjustment Factor
Distance to all-weather road	Adjusted Value
Distance to local trading center	Mineral Value
Total	Total Lot or Land Value

Yr. 19		Land	Change
		Improved	
		Unimproved	
Yr. 19		Improved	
		Unimproved	
Yr. 19		Improved	
		Unimproved	
Yr. 19		Improved	
		Unimproved	

Other Improvements	
Total	
Principal Building	
Accessory Building	
Other Improvements	
Total	

SUMMARY OF ASSESSED VALUE

	1962 Assessor	1962 Board of Review	1963 Assessor	1963 Board of Review	1966-67-68 Assessor	1966-67-68 Board of Review	1969-70-71 Assessor	1969-70-71 Board of Review	1973 Assessor	1973 Board of Review	19 Assessor	19 Board of Review
Unimproved Land or Lot Assessed Valuation	$	$ 3400 LOT 2 63	$	$ Fire Damage	$	$	$	$ DB	$	$	$	$
Improved Land or Lot Assessed Valuation	4280		4180		4180		5060	4860	6440			
Improvements Assessed Valuation	16350		16350	NO ADD	16350		16350	15700	20440			
Total Real Property Assessed Valuation	20630	3400	20530		20530		21410	20560	26880			

LOT 1 63 - 64 - 65

71

73 Eq 21137 Eq = 23364

74 Eq 21524 Eq = 22593

PROPERTY RECORD CARD ILLINOIS DEPARTMENT OF REVENUE, PROPERTY TAX DIVISION

#01486 L-$325,000 S-$307,000 CASH
06/15/87 196 DAYS LB-4004 SB-3108



Ad 818 HILL STREET Cty HILAND PK Ar 60 L# 86 08688
Dir RT 41 N TO OLD ELM, E TO UNIVERSITY, S HILL Zip 60035
Rms 9 Br 5 Bth 3.5 CERAMIC Fp Y Bsm Y Blt 1933
Sty SEE COMMENTS Str 2 Ext OTHER Gar 2 CAR,ATTACH*
Ltsz 80X190 APPROX. Tax1985 4783 Ho N Hs N Inc Y
Heat HW A/C CAC Poss TBA
Elec Sewer CITY Water CITY Spa NONEKNOWN
Appl RNG & O,KIT REF,DISHWSHR,DISPOSAL,WASHER,DRYER,STO*
Schools WAYNE THOMAS, NORTHWOOD JHS, HPHS
Transp NORTHWESTERN,LOCAL BUS C 3 % 1ST 100M,2.5BAL

Liv 1 Y 22.10 X 17	Mbr 2 N 17.5X15.2	Fam
Din 1 Y 17.5X14.8	Br2 2 N 12.10X11	DEN 1 Y 18.1 X 10
Comb N Sep Y L N	Br3 2 N 15.11X15	BR5 1 N 12 X 8.2
Kit 1 N 17.6X11 EA	Br4 2 N 13.9X13.7	

Bbb Y Xtr: DEN/OFFICE,EAT-IN-KIT
Brokers Opinion COTSWOLD COUNTRY HOUSE, TIMBER & CEMENT.
..R. W/BALCONY, CATH CEIL, W/STONE FPL,HWD FLRS,
STAIN TRIM, UPDATED KIT. W/CORIAN TOPS, FORMAL D.R.,
TAL. TILE BATHS, OPEN STAIRCASE, MBR BALCONY, FPL IN
Brok BAIRD & WARNER, INC No 4004 Ph 234-1855
Disp PATRICIA ENSING No 3299 Ph 234-4851
ENTRY. HANZEL & GRETEL COULD HAVE LIVED HERE & WOULD
HAVE ALL THE MODERN CONVENIENCES. CUSTOM DESIGNED HOME
SURROUNDED BY TOWERING EVERGREENS & FENCED YARD. EXCLUDE
MBR CHANDELIER, EXTERIOR BUGLAMP AND ALL AREA RUGS.
DELETE
DELETE
DELETE
Equip STRMS/SCRNS,CABLE TV
Out PATIO,FENCED YD
Info APPT ONLY,CALL AGT,PETS-CALL LO
Bsmt CRAWL,PARTIAL,WALKOUT
Imprv CTY SAN SEW,MUNI WATER
Faces NORTH Roof CDR SHNGL Fp WOOD,LR,OTHER # 2
Lot Desc WOODED,CORNER,LANDSCAPED
Terms
Title Holder OWNER OF RECORD
Coordinates N 10 S 0 E 0 W 10

City of Highland Park

Memorandum

Date: February 12, 2026

To: Historic Preservation Commission

From: Maddy Markle, Planner I

Subject: Preliminary Landmark Designation – 818 Hill Street

Location	818 Hill Street
Historical Name	"The Summer House"
Historical Status	Not Surveyed
Structure	Style: Tudor Style with Swedish Folk elements Architect: Harry Bengston Builder: Harry Bengston Built: c. 1927
Petitioners	Thomas Hiller 818 Hill Street, Highland Park



Figure 1. *Front Façade, 2022, courtesy Lake County Assessor*

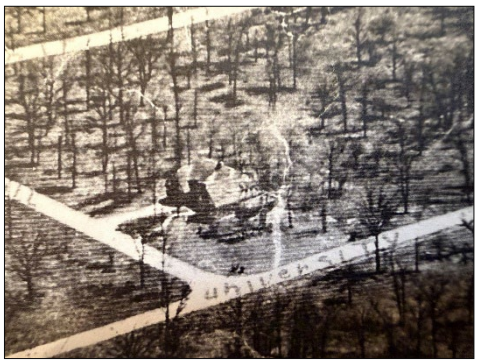


***Figure** 2. c. 1929 Aerial, courtesy Linda Barbera-Stein*

Summary of the Nomination

The owner of 818 Hill Street, Thomas Hiller, has nominated his property for a local landmark designation (see ***Attachment 1***). The applicant believes this property is eligible for landmark designation because of its contributions to the development of the City, association with notable persons, associations with a notable builder, architectural style, and innovative construction methods.

The residence at 818 Hill Street, designed c. 1927 by Harry Bengston, is a Tudor Style cottage with Swedish folk influences. The property was originally developed and owned by a trust associated with Edith Rockefeller-McCormick, the daughter of Standard Oil founder John D. Rockefeller. The home is a part of the Highlands development and is the only structure of its style sub-type in Highland Park. Existing pictures of the property have been compiled into ***Attachment 2.***

Edith Rockefeller-McCormick

Edith Rockefeller-McCormick (1872-1932) was the daughter of prominent oil executive J.D. Rockefeller. She was known for her analysis of Jungian phycology, real estate development business, and philanthropy related to the Brookfield Zoo. At one point, she was the world's richest woman.[1]

Rockefeller sought treatment for panic attacks in Switzerland between 1913 and 1921. During these trips she became a student of Carl Jung and would later become a Jungian analyst.

While in Switzerland she became acquainted with architect Edwin Krenn. Krenn introduced her to Edward Dato, a Russian engineer. The three of them would establish a real estate trust with the Standard Oil money. The Trust would be responsible for multiple Chicago North Shore developments including "The Highlands" in Highland Park.[2]



Figure 3. *Edith Rockefeller McCormick, c. 1912, Chicago Tribune*

The nature of Rockefeller and Krenn's relationship is disputed. Some sources, like Landmark Illinois, claim they had no romantic relations. However, local Highland residents suggest that their relationship was more than friendship. At the very least, it is clear that they were deeply-entwined friends. Rockefeller left much of her estate to Krenn after her death.

The Highlands Development

Rockefeller, Krenn and Dato used $5.2 million in Standard Oil securities to purchase 200 acres of woodland from farmer John Sweeny. The development was named "The Highlands" and still carries the name to this day. The location was desirable since it was close to Lake Forest (where Rockefeller's primary residence was located) and the Old Elm gold course. The development was marketed to appeal to the Chicago elite in Rockefeller's social circles. [3]

818 Hill Street was one of the first three homes Rockefeller developed in the Highlands. A local source speculates that 818 Hill Street was built by Rockefeller for Krenn and was used as a rendezvous between the two. The two car garage (uncommon during this time period) seems to suggest that the property was designed for two.

Architectural Style

The structure at 818 Hill Street is a two-story cottage with an asymmetrical façade and multi-gabled roofline. There are two projections that jut out from either side of the front façade. On the right side

[1] End of a Princess. (1932, September 5). *Times Magazine*.
[2] *Edith Rockefeller McCormick | Landmarks Illinois*. (2021, July 29). Landmarks Illinois. https://www.landmarks.org/women_built_type/edith-rockefeller-mccormick/
[3] Ross, A. F. (2020). *Edith: The Rogue Rockefeller McCormick*. Southern Illinois University Press.

projection there is a prominent stone chimney. On the left side of the projection there is a two car garage. The lower story is clad in hand-hewn timber and the upper story is clad in stucco.

Tudor Style

The Tudor Style reached its peak in Highland Park in the 1920s, post World-War I. The War exposed American soldiers to European architecture and contributed to an interest in European design. The style seeks to mimic late-medieval Old World architecture.

Tudor homes commonly have multi-gable roofs, stonework, wood timbering, horizontal plans, and prominent chimneys. The structure at 818 Hill Street fits this description.

The defining characteristic of the structure is the faux thatched roof. The roof resembles a straw thatched roof, but in actuality is composed of steam-bent cedar wood shingles. Faux-thatched roofs are a rare characteristic of the Tudor Style.[4]

Swedish Folk Influence

A 1928 article in the Chicago Tribune (see ***Attachment 3***) described the residence at 818 Hill Street as,

*"A ten room house... with three baths and a two car garage, built in the **early Swedish Style**... In this dwelling (the builder) has achieved a home which reflects in a measure the spirit of his native land a house combining the simple ruggedness of a peasant hut with the subtle artistry of Swedish peasant handicraft, and at the same time incorporating all the comforts and conveniences of present day urban life."*

The builder in question was Swedish immigrant Harry Bengston, a local architect and builder who designed custom Swedish style homes along the North Shore.



Figure 4-7. *The Kalmar Nyckel design on 818 Hill Street, and souvenir coins*

The structure at 818 Hill Street has a painted ship detail on the face of the field stone chimney. The applicant has successfully identified the ship as the Kalmar Nyckel, also known as the "Swedish Mayflower." This ship brought the first group of Swedish and Finnish settlers to modern day Deleware in 1638. The ship detail on 818 Hill Street is recognizably the same as that of the engraving on the 1938 Swedish-Finish American Tercentenary souvenir coin. There is a copper weather vane in

[4] McAlester, V., & McAlester, A. L. (1984). *A field guide to American houses*. Page 369. http://ci.nii.ac.jp/ncid/BA0139195X

the shape of a fish on-top the garage. The applicant proposes that the fish further demonstrates a connection to the Swedish culture (see ***Attachment 1***).

The hand-hewn logs on the first story, field stone chimney, faux thatched roof, Kalmar Nyckel design and weathervane all indicate Swedish folk influences.

Materials

Historic Materials

- Oak hand hewn logs
- Concrete
- Field stone
- Wood framed windows
- Plaster
- Cedar shingles

Replacement Materials

- Plaster repaired in-kind
- Masonry repaired in-kind
- Cedar shingles replaced in-kind
- Replacement garage doors
- Replacement openings on south and east facades

The aforementioned Tribune article says,

"The first story of hand hewn oak logs set in concrete. These logs demonstrate to what lengthens Mr. Bengston will go to secure just the materials he wants. In order to get them he had to tear down an old log cabin in Mundelein and haul them to the present site. When this cabin was built in the virgin forest of the north shore, Chicago was but a tiny village only ten years old!"

If this article is to believed, the logs on the structure are older than those of the Stupey Cabin, Highland Park's oldest building. These logs may be the oldest building material in the City. The Commission should consider if such historic material could have archeological significance.

Alterations

The residence at 818 Hill Street retains the majority of its historic form, massing, and design details. The residence is identifiable in late 1920s aerial photography, confirming that the overall form has remained the same (***Attachment 4***).

Zoning Board of Appeals documents from 1990 indicate that a period restoration took place in 1987. Openings were modified on the east and south façades during this time (***Attachment 5***). In 1990 some (but not all) of the hand-hewn logs on the first story were replaced, according to the applicant.

Between 1978 and 2018 the original garage doors were replaced. The applicant reports the garage doors were replaced again in 2018 (as seen in ***Attachment 6***).

The current owner has restored the structure using in-kind materials and methods. The restoration included work on the roof, stucco/plaster, masonry, ship detail, and weather vane. The current owner has submitted a detailed account of the restoration as part of a separate 2026 Preservation

Awards application. Further details can be found in ***Attachment 7***. The most recent alterations completed by the current owner have not substantially changed the visual character of the residence.

Ownership

The property at 818 Hill Street has been owned by known local characters such as Edith Rockefeller McCormick, William Hilton, and Herbert Verrall.

As mentioned previously, Rockefeller was the developer of the Highlands as well as a Jungian analyst and at one point the richest woman in the world. William Hilton was a prominent executive with the Santa Fe Railroad Company. Herbert Verrall was the president of the Lakeland Construction Company.

Chain of Title

- C. 1927-1933 **Edith Rockefeller McCormick**
- 1933-1938 **William C. Hilton (S.T. & F. Railroad executive)**
- 1938-1945 Norman and Jewell Crissey
- 1945-1950 **Herbert Verrall (President of Lakeland Construction)**
- 1950-1954 Phillip Shaefer
- 1954-1969 Jerome Miller
- 1969-1977 Jerome and Mary Alexander
- 1977-1978 Mary Alexander
- 1978- c. 1987 Bendicht U. Pauli and Elizabeth M. Pauli
- C. 1987-1993 Maureen and Jeffery Blonder
- 1993-1996 Thomas Dean Brandt and Denelle Miller Brant
- 1996-2022 Simon Anthony Roland and Lauren Jill Plenner
- 2022-Present Peijian Sun and Thomas Hiller

Complete chain of title documentation is compiled in **Attachment 7**.

Landmark Criteria

The home at 818 Hill Street may meet the following Landmark Criteria: **1, 3, 4, 5, 6, 7 and 9.**

Sec. 24.015 Criteria for Landmark Designation.

The following is a list of the criteria to be considered in the designation of a Property, Structure, Area, Object, or Landscape of Significance as a Landmark:

(1) It demonstrates character, interest, or value as part of the development, heritage, or cultural characteristics of the City, county, state, or country.

(2) It is the site of a significant local, county, state, or national event.

(3) It is associated with a person or persons who significantly contributed to the development of the City, County, State, or Country.

(4) It embodies distinguishing characteristics of an architectural and/or landscape style valuable for the study of a specific time period, type, method of construction, or use of indigenous materials.

(5) It is identifiable as the work of a notable builder, designer, architect, artist, or landscape architect whose individual work has influenced the development of the City, County, State, or Country.

(6) It embodies, overall, elements of design, details, materials, and/or craftsmanship that renders it architecturally, visually, aesthetically, and/or culturally significant and/or innovative.

(7) It has a unique location or it possesses or exhibits singular physical and/or aesthetic characteristics that make it an established or familiar visual feature.

(8) It is a particularly fine or unique example of a utilitarian structure or group of such structures, including, but not limited to farmhouses, gas stations or other commercial structures, with a high level of integrity and/or architectural, cultural, historical, and/or community significance.

(9) It possesses or exhibits significant historical and/or archaeological qualities.

Landmark Nomination Process Outline

The landmark process is initiated when a nomination form is submitted to the Historic Preservation Commission. At this point, the property owner has already been sent a letter stating the time, place, and intent of this meeting where the nomination will be considered. The owner has provided consent to the landmark designation, so the next steps are as follows:

(1) The Commission should consider and discuss the landmark nomination. If the HPC finds that the property (a) meets two or more Landmark Criteria set forth in Section 24.015 of the City Code, and (b) has sufficient integrity of location, design, materials, and workmanship to make it worthy of preservation, then the Commission should direct Staff to draft a Resolution making a preliminary Landmark Designation recommendation.

(2) The Commission should consider the resolution making the preliminary recommendation. Should the HPC adopt the resolution making a preliminary Landmark Designation recommendation, the house becomes a “Regulated Structure” with the associated protections against demolition and alterations.

(3) Staff will draft a Planning Report evaluating the relationship of the proposed designation to the City’s Comprehensive Plan and the effect of the proposed designation on the surrounding neighborhood. The Planning Report will be presented to the Commission following the adoption of the Resolution making the preliminary recommendation.

(4) At a subsequent meeting, the Commission shall review the Planning Report, Findings of Fact, and make a determination to recommend a landmark designation to City Council.

(5) The City Council will consider the findings, recommendations, and official record of the Historical Preservation Commission and may, by an Ordinance duly adopted, designate the subject property as a Local Landmark.

Recommended Action

The Historic Preservation Commission is asked to discuss and consider the preliminary landmark designation for 818 Hill Street. If the nomination is to be given a positive recommendation for approval, the Commission must find that the structure meets two or more of the criteria set forth in Section 24.015 and have sufficient integrity of location, design, materials, and workmanship to make it worthy of preservation or rehabilitation.

If the nomination is given a positive recommendation, the Commission is asked to consider A Resolution Making a Preliminary Landmark Designation Recommendation for 818 Hill St. Should the Commission adopt the resolution making a preliminary Landmark Designation recommendation, the house becomes a "Regulated Structure" with the associated protections against demolition and alteration.

Attachments:

1. Landmark Nomination – Redacted
2. Current Conditions
3. 1928 Article – Original Scan and Transcription
4. 1920s Aerial Photography
5. 1990 Zoning Board of Appeals
6. 2019 Garage Doors
7. 2026 Preservation Awards Nomination
8. Compiled Chain of Title
9. Compiled Building Permits
10. Real Estate Cards

City of Highland Park

Memorandum

Date: 3.12.26

To: Historic Preservation Commission

From: Maddy Markle, Planner I

Subject: Landmark Nomination – 818 Hill Street

Location	818 Hill Street
Historical Name	None
Historical Status	Not Surveyed
Structure	Style: Tudor Style with Elements of Swedish Folk Design Architect: Harry Bengston Builder: Harry Bengston Built: c. 1927
Petitioners	Thomas Hiller and Peijian Sun 818 Hill Street, Highland Park IL

Summary of the Nomination

The owners of 818 Hill Street have nominated their property for a local landmark designation (see ***Attachment 1***). The applicants believes this property is eligible for landmark designation because of its contributions to the development of the City, association with notable persons, associations with a notable builder, architectural style, and innovative construction methods.

The residence at 818 Hill Street, designed c. 1927 by Harry Bengston, is a Tudor Style cottage with Swedish folk influences. The property was originally developed and owned by a trust associated with Edith Rockefeller-McCormick, the daughter of Standard Oil founder John D. Rockefeller. The home is a part of the Highlands development and is the only structure of its style sub-type in Highland Park.

Previous Consideration

At the previous Feb. 12, 2026 meeting the HPC considered a preliminary landmark designation recommendation for the property at 818 Hill Street (see ***Attachment 2***). The discussion included information about the original owner, Edith Rockefeller McCormick, the Tudor and Storybook Styles, and the property's Swedish design details. The Commission also considered the integrity of the current property.

The Commission made a motion to find:

- The property at 818 Hill Street satisfies Landmark Criteria 1, 3, 4, 5, 6, 7 and 9.
- The property at 818 Hill Street has sufficient integrity of design.

Based on these findings the Commission moved to adopt a preliminary Landmark Designation Recommendation.

- Motion Carried 5-0:

- In favor: Weeder, Greenbaum, Pines, Ehrlich, Portman
- Opposed: None
- Absent: Gonka, Hartinger

Information regarding the previous Feb. 12, 2026 meeting can be found here:

https://highlandparkil.portal.civicclerk.com/event/364/overview

Finding of Fact

Staff drafted Findings of Fact (see ***Attachment 3***) detailing how the property at 818 Hill Street satisfies Landmark Criteria 1, 3, 4, 5, 6, 7 and 9. The Commission is asked to review the Findings. If the Commission determines they are consistent with the discussion and vote on this matter from the Feb. 12, 2026 meeting, then the Findings of Fact should be approved by a majority vote. The Findings, together with the Resolution Making a Preliminary Landmark Designation, will represent the HPC's recommendation to the City Council on this landmark nomination.

Planning Report

Section 24.025 of the City Code establishes the process for approving a local historic landmark. Subsection (C) reads as follows:

> *"Request for Planning Report: Upon adoption of a resolution making a preliminary landmark designation recommendation, the Commission shall request a report from the Director of Community Development that evaluates the relationship of the proposed designation to the City's comprehensive plan and the effect of the proposed designation on the surrounding neighborhood.*
>
> *The report shall be submitted to the Commission within 60 days of the request and the Commission shall make such modifications, changes, and alterations to the report concerning the proposed landmark designation as it deems necessary in consideration of any recommendation of the City's Director of Community Development made in the report…."*

Pursuant to the Code above, staff has drafted a planning report discussing the Comprehensive Plan and the Historic Preservation Plan. Staff finds the designation of the property as a landmark is consistent with the intent of the Master Plan to "preserve neighborhood character." The Planning Report is included as **Attachment 4** to this report.

Public Testimony

The petitioners Thomas Hiller and Peijian Sun were present at the Feb. 12, 2026 HPC meeting to answer any questions that the commission had. Highlands' researcher Linda Barbera-Stein shared additional information about the Highlands development and spoke favorably about the nomination. Community member Mary Seyfarth advocated for the Commission to apply additional Landmark Criteria to the property and spoke favorably of the nomination.

Landmark Nomination Process Outline

The landmark process is initiated when a nomination form is submitted to the Historic Preservation Commission. The owner has provided consent to the landmark designation and the first two steps of the process were completed at the last meeting:

(1) The Commission discussed the landmark nomination at the Feb. 12, 2026 meeting and found that the property

> (a) meets two or more Landmark Criteria set forth in Section 24.015 of the City Code, and
>
> (b) has sufficient integrity of location, design, materials, and workmanship to make it worthy of preservation.

(2) The Commission adopted a resolution making the preliminary recommendation. As a result, the property became a "Regulated Structure" with the associated protections against demolition and alteration.

(3) Staff has drafted Planning Report evaluating the relationship of the proposed designation to the City's Master Plan and the effect of the proposed designation on the surrounding neighborhood. The Commission reviews the Planning Report following the adoption of the Resolution making the preliminary recommendation, which occurred at the previous meeting.

(4) At the meeting on March 12, 2026, the Commission shall review the Planning Report, Findings of Fact, and determine whether to recommend a landmark designation to City Council by approval of the Findings.

(5) The City Council will consider the findings, recommendations, and official record of the Historic Preservation Commission and may, by an Ordinance duly adopted, designate the subject property as a Local Landmark.

Recommended Action

The Historic Preservation Commission is asked to review the Planning Report and consider the staff-drafted Findings of Fact. The Commission can approve the Findings or make amendments and add conditions as needed. The Findings will constitute the Commission's recommendation to the City Council.

Attachments:

1. Landmark Nomination
2. Resolution 2026-002
3. Findings of Fact
4. Planning Report

City of Highland Park

Memorandum

Date: 3.12.26

To: Historic Preservation Commission

From: Maddy Markle, Planner I

Subject: Planning Report – 818 Hill Street

Location	818 Hill Street
Historical Name	None
Historical Status	Not Surveyed
Structure	Style: Tudor Style with Elements of Swedish Folk Design Architect: Harry Bengston Builder: Harry Bengston Built: c. 1927
Petitioners	Thomas Hiller and Peijian Sun 818 Hill Street, Highland Park IL

Administrative History

At the Feb. 12, 2026 Historic Preservation Commission ("***HPC***") meeting the HPC considered a preliminary landmark designation recommendation for the property at 818 Hill Street. The discussion included information about the original owner, Edith Rockefeller McCormick, the Tudor and Storybook Styles, and the property's Swedish design details. The Commission also considered the integrity of the current property.

The Commission made a motion to find:

- The property at 818 Hill Street satisfies Landmark Criteria 1, 3, 4, 5, 6, 7 and 9.
- The property at 818 Hill Street has sufficient integrity of design.

Based on these findings the Commission moved to adopt a preliminary Landmark Designation Recommendation. The motion carried 5-0. The Commission directed staff to draft Findings of Fact and a Planning Report per the requirements of Sec. 24.025(C) of the Historic Preservation Ordinance, which will be considered at the meeting on March 12, 2026 Regular Meeting.

Property Description

The property is a densely vegetated corner lot located within the Highland Park "Highlands" subdivision. The site is improved with a c. 1927 Tudor Style residence ("***structure***"). The structure exhibits details and craftsmanship inspired by Swedish Folk Design. The structure is characterized by its horizontal plan, faux thatched roof, hand-hewn log veneer, prominent river-stone chimney, and painted ship detail. The structure and site setting both share an association with notable Chicago socialite, philanthropist, Jungian analyst, and real-estate developer, Edith Rockefeller McCormick.

Findings of Architectural and Historic Significance

The Historic Preservation Commission discussed a landmark nomination for the property at the Feb. 12, 2026 meeting and made the preliminarily determination that the property met seven Landmark criteria (1, 3, 4, 5, 6, 7 and 9) and met the integrity requirement. The following analysis of the standards reflects the Commission's Findings of Fact for the nomination:

1. **It demonstrates character, interest, or value as part of the development, heritage, or cultural characteristics of the City, county, state, or country.**

   Finding. The Commission finds that the property at 818 Hill Street ("***property***") is a strong example of a structure and site that demonstrates character, interest, and value as part of the development of the City. The property's structure and site setting are representative of the early development in the Highland Park "Highlands" subdivision.

   The property is among one of the first parcels developed as part of the Highlands and retains its original developmental characteristics. The site setting typifies the private, wooded lots that characterized the Highland's early years. The Commission has identified trees on the lot that are original to site.

   Additionally, the Commission finds the residential structure on the property exhibits elements of Swedish Folk design, such as hand-hewn logs, a river-stone chimney, faux-thatched roof, ship painting, and fish weathervane. The Commission finds that these elements exemplify the influence Scandinavian immigrants have had on the development, cultural character, and heritage of the City.

2. **It is the site of a significant local, county, state, or national event.**
   N/A

3. **It is associated with a person or persons who significantly contributed to the development of the City, County, State, or Country.**

   Finding. The Commission finds that the property at 818 Hill Street has a strong association with Edith Rockefeller-McCormick. Rockefeller-McCormick was the daughter of prominent oil executive J.D. Rockefeller. She was locally and nationally known for her analysis of Jungian phycology, real estate development business, and philanthropy related to the Brookfield Zoo. At one point, she was the world's richest woman.[1]

   Rockefeller-McCormick is responsible for the development of the Highlands[2][3] and is known to be the original owner of the property located at 818 Hill Street.

[1] End of a Princess. (1932, September 5). *Times Magazine*.
[2] *Edith Rockefeller McCormick | Landmarks Illinois*. (2021, July 29). Landmarks Illinois. https://www.landmarks.org/women_built_type/edith-rockefeller-mccormick/
[3] Ross, A. F. (2020). *Edith: The Rogue Rockefeller McCormick*. Southern Illinois University Press.

The Commission strongly feels that Rockefeller-McCormick was a notable person who contributed to the development of the City, County, State and Country. Furthermore, the Commission finds that Rockefeller-McCormick had clear associations with the property.

4. **It embodies distinguishing characteristics of an architectural and/or landscape style valuable for the study of a specific time period, type, method of construction, or use of indigenous materials.**

Finding. The Commission finds the primary residential structure at 818 Hill Street ("***structure***") is a representative example of a rare Tudor Style subtype.

The Tudor Style reached its peak in Highland Park in the 1920s, post World-War I. The War exposed American soldiers to European architecture and contributed to an interest in European design. The style seeks to mimic late-medieval Old World architecture. Tudor homes commonly have multi-gable roofs, stonework, wood timbering, horizontal plans, and prominent chimneys. The structure possesses all of these characteristics.

Furthermore, the structure possesses a faux-thatched roof. The roof resembles a straw thatched roof, but in actuality is composed of steam-bent cedar wood shingles. According to "*A Field Guide to American Houses,*" faux-thatched roofs are an uncommon Tudor Style subtype.[4]

The Commission strongly feels that the structure is representative of an exceedingly rare Tudor subtype, and deserves to be preserved.

5. **It is identifiable as the work of a notable builder, designer, architect, artist, or landscape architect whose individual work has influenced the development of the City, County, State, or Country.**

Finding. The Commission finds that the structure is the work of notable builder and designer Harry Bengston. Bengston was a Swedish immigrant who built custom Swedish inspired homes along the North Shore.

Bengston's work at 818 Hill Street was featured in a 1928 Chicago Tribune news article.[5] The article describes Bengston as "*a man who is a dreamer, an artist, and a builder, a man who constructs unique, artistic homes without a finished blueprint, creating each room and detail as he goes along*."

[4] McAlester, V., & McAlester, A. L. (1984). *A field guide to American houses*. Page 369. http://ci.nii.ac.jp/ncid/BA0139195X

[5] Bargelt, L. (1928, August 26). House of Hand Hewn Logs Built without Plans; Picturesque Sweden and Yankee Conveniences. *Chicago Sunday Tribune*, 3.

The Commission finds that Bengston was a master craftsman whose works had an influence on the North Shore region. The Commission strongly feels his work at 818 Hill Street should be preserved since it is the only home he designed in Highland Park.

6. **It embodies, overall, elements of design, details, materials, and/or craftsmanship that renders it architecturally, visually, aesthetically, and/or culturally significant and/or innovative.**

   Finding. The Commission finds that the structure embodies many design details and materials that render it architecturally, visually, aesthetically and culturally significant. The structure's hand-hewn log veneer, river stone chimney, ship painting, and faux-thatched roof all possess singular historical significance.

   The Commission finds that these elements exhibit an uncommonly high level of craftsmanship. Additionally, the Commission finds that these elements are connected to traditional Swedish design and therefore possess unique cultural significance.

7. **It has a unique location or it possesses or exhibits singular physical and/or aesthetic characteristics that make it an established or familiar visual feature.**

   Finding. The Commission finds the structure possesses multiple singular characteristics that make it an established and familiar visual feature. Such features include its unusual faux-thatched roof, the ship painting located on the river-stone chimney, and the hand-hewn log veneer.

   The structure's location on a prominent corner lot further makes it an established and familiar visual feature.

8. **It is a particularly fine or unique example of a utilitarian structure or group of such structures, including, but not limited to farmhouses, gas stations or other commercial structures, with a high level of integrity and/or architectural, cultural, historical, and/or community significance.**
   N/A

9. **It possesses or exhibits significant historical and/or archaeological qualities.**

   Finding. The Commission finds that the hand-hewn logs on the structure are repurposed from an 1830's cabin in Mundelein. The age of these logs rival those of the Stupey Cabin, Highland Park's oldest building (c. 1847).

   The Commission feels the logs have rare age-value and possess historical and archeological qualities that render it significant. Such materials could provide valuable insight into the cultural behaviors of peoples from the 1830s, and should be preserved.

Integrity: Has sufficient integrity of location, design, materials, and workmanship to make it worthy of preservation or rehabilitation.

Finding. The Commission finds the property at 818 Hill Street retains sufficient integrity of design, materials, and workmanship to make it worthy of preservation. The structure located on the site is easily identifiable as the same structure that was built in 1928, as is the surrounding landscape.

The structure largely retains its original height, massing, floorplan, solid-to-void ratio, materials, design details and site setting. The Commission finds the integrity of the property is more than sufficient to merit its preservation.

By Code, any proposed individual landmark must meet two or more landmark criteria and have sufficient integrity of location, design, materials and workmanship to make it worthy of preservation or rehabilitation. **The property at 818 Hill Street has been found to meet seven landmark criteria, while retaining sufficient integrity to qualify for local Landmark designation.**

Historic Preservation Commission Policy

The Historic Preservation Commission adopted a Preliminary Landmark Designation recommendation on Feb. 12, 2026. Resolution No. R002-2026 (see ***Attachment X***) designates the property at 818 Hill Street in it's entirely as a Regulated Structure. No building permits or demolition permits shall be issued per Section 24.025(B)(3):

> *"Upon adoption of the resolution making a preliminary landmark designation recommendation, and until provided otherwise in this Chapter, the nominated Property, Structure, Area, Object, or Landscape of Significance shall be a Regulated Structure."*

The permit moratorium described above will conclude upon final disposition of the proposed local Landmark.

Historic Preservation and the City of Highland Park Master Plan

The City of Highland Park Master Plan recommends that the City "sustain a philosophy of preservation," adding a call to "maintain Highland Park's sense of place, character, and history; maintain quality of architecture in residential and public structures," preserving "the quality of residential neighborhoods" and protecting the City's "natural, historic and physical resources."

The property at 818 Hill Street is located in the Master Plan's North Central District. The plan's North Central District was approved in February 2001 and recognizes the important of maintaining neighborhood character. The plan's vision statement says current and future City leaders should consider how to "*preserve existing neighborhood character by promoting large lot sizes, maintain housing diversity and strictly enforce zoning regulations*" The property at

818 Hill Street is representative of the large-lot suburban development the Master Plan aims to preserve.

Historic Preservation and the City of Highland Park Historic Preservation Plan

The City of Highland Park adopted its first ever Historic Preservation Plan in 2022. One objective listed in the plan is to identify properties that could potentially be landmarked and increase the number of landmarked properties.

This home's local landmark nomination aligns with the vision of the Historic Preservation Plan due to its historic significance, as found by the Commission.

Recommendation

Based on the information presented, the Department of Community Development recommends that the Historic Preservation Commission continue with the Landmark Designation of the property at 818 Hill Street.

Following the adoption of the Resolution recommending Landmark Designation, the Commission's recommendation will be forwarded to the City Council.

FINDINGS OF FACT

Recommending Landmark Designation of 818 Hill Street

Section 24.025 Landmark Designation Procedures

Pursuant to Section 24.025(D) of the City Code, the Historic Preservation Commission ("***Commission***") shall make a determination to recommend a landmark designation to the City Council including findings of fact relating to the criteria for designation that constitute the basis for its decision.

Criteria for Landmark Designation

1. **It demonstrates character, interest, or value as part of the development, heritage, or cultural characteristics of the City, county, state, or country.**

   Finding. The Commission finds that the property at 818 Hill Street ("***property***") is a strong example of a structure and site that demonstrates character, interest, and value as part of the development of the City. The property's structure and site setting are representative of the early development in the Highland Park "Highlands" subdivision.

   The property is among one of the first parcels developed as part of the Highlands and retains its original developmental characteristics. The site setting typifies the private, wooded lots that characterized the Highland's early years. The Commission has identified trees on the lot that are original to site.

   Additionally, the Commission finds the residential structure on the property exhibits elements of Swedish Folk design, such as hand-hewn logs, a river-stone chimney, faux-thatched roof, ship painting, and fish weathervane. The Commission finds that these elements exemplify the influence Scandinavian immigrants have had on the development, cultural character, and heritage of the City.

2. **It is the site of a significant local, county, state, or national event.**
   N/A

3. **It is associated with a person or persons who significantly contributed to the development of the City, County, State, or Country.**

   Finding. The Commission finds that the property at 818 Hill Street has a strong association with Edith Rockefeller-McCormick. Rockefeller-McCormick was the daughter of prominent oil executive J.D. Rockefeller. She was locally and nationally known for her analysis of Jungian phycology, real estate development business, and philanthropy related to the Brookfield Zoo. At one point, she was the world's richest woman.[1]

[1] End of a Princess. (1932, September 5). *Times Magazine*.

Rockefeller-McCormick is responsible for the development of the Highlands[2][3] and is known to be the original owner of the property located at 818 Hill Street.

The Commission strongly feels that Rockefeller-McCormick was a notable person who contributed to the development of the City, County, State and Country. Furthermore, the Commission finds that Rockefeller-McCormick had clear associations with the property.

4. It embodies distinguishing characteristics of an architectural and/or landscape style valuable for the study of a specific time period, type, method of construction, or use of indigenous materials.

Finding. The Commission finds the primary residential structure at 818 Hill Street ("***structure***") is a representative example of a rare Tudor Style subtype.

The Tudor Style reached its peak in Highland Park in the 1920s, post World-War I. The War exposed American soldiers to European architecture and contributed to an interest in European design. The style seeks to mimic late-medieval Old World architecture. Tudor homes commonly have multi-gable roofs, stonework, wood timbering, horizontal plans, and prominent chimneys. The structure possesses all of these characteristics.

Furthermore, the structure possesses a faux-thatched roof. The roof resembles a straw thatched roof, but in actuality is composed of steam-bent cedar wood shingles. According to "*A Field Guide to American Houses,*" faux-thatched roofs are an uncommon Tudor Style subtype.[4]

The Commission strongly feels that the structure is representative of an exceedingly rare Tudor subtype, and deserves to be preserved.

5. It is identifiable as the work of a notable builder, designer, architect, artist, or landscape architect whose individual work has influenced the development of the City, County, State, or Country.

Finding. The Commission finds that the structure is the work of notable builder and designer Harry Bengston. Bengston was a Swedish immigrant who built custom Swedish inspired homes along the North Shore.

Bengston's work at 818 Hill Street was featured in a 1928 Chicago Tribune news article.[5] The article describes Bengston as "*a man who is a dreamer, an artist, and a builder, a man who constructs unique, artistic homes without a finished blueprint, creating each room and detail as he goes along*."

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[2] *Edith Rockefeller McCormick | Landmarks Illinois*. (2021, July 29). Landmarks Illinois. https://www.landmarks.org/women_built_type/edith-rockefeller-mccormick/
[3] Ross, A. F. (2020). *Edith: The Rogue Rockefeller McCormick*. Southern Illinois University Press.
[4] McAlester, V., & McAlester, A. L. (1984). *A field guide to American houses*. Page 369. http://ci.nii.ac.jp/ncid/BA0139195X
[5] Bargelt, L. (1928, August 26). House of Hand Hewn Logs Built without Plans; Picturesque Sweden and Yankee Conveniences. *Chicago Sunday Tribune*, 3.

The Commission finds that Bengston was a master craftsman whose works had an influence on the North Shore region. The Commission strongly feels his work at 818 Hill Street should be preserved since it is the only home he designed in Highland Park.

6. **It embodies, overall, elements of design, details, materials, and/or craftsmanship that renders it architecturally, visually, aesthetically, and/or culturally significant and/or innovative.**

   Finding. The Commission finds that the structure embodies many design details and materials that render it architecturally, visually, aesthetically and culturally significant. The structure's hand-hewn log veneer, river stone chimney, ship painting, and faux-thatched roof all possess singular historical significance.

   The Commission finds that these elements exhibit an uncommonly high level of craftsmanship. Additionally, the Commission finds that these elements are connected to traditional Swedish design and therefore possess unique cultural significance.

7. **It has a unique location or it possesses or exhibits singular physical and/or aesthetic characteristics that make it an established or familiar visual feature.**

   Finding. The Commission finds the structure possesses multiple singular characteristics that make it an established and familiar visual feature. Such features include its unusual faux-thatched roof, the ship painting located on the river-stone chimney, and the hand-hewn log veneer.

   The structure's location on a prominent corner lot further makes it an established and familiar visual feature.

8. **It is a particularly fine or unique example of a utilitarian structure or group of such structures, including, but not limited to farmhouses, gas stations or other commercial structures, with a high level of integrity and/or architectural, cultural, historical, and/or community significance.**
   N/A

9. **It possesses or exhibits significant historical and/or archaeological qualities.**

   Finding. The Commission finds that the hand-hewn logs on the structure are repurposed from an 1830's cabin in Mundelein. The age of these logs rival those of the Stupey Cabin, Highland Park's oldest building (c. 1847).

   The Commission feels the logs have rare age-value and possess historical and archeological qualities that render it significant. Such materials could provide valuable insight into the cultural behaviors of peoples from the 1830s, and should be preserved.

Integrity: Has sufficient integrity of location, design, materials, and workmanship to make it worthy of preservation or rehabilitation.

Finding. The Commission finds the property at 818 Hill Street retains sufficient integrity of design, materials, and workmanship to make it worthy of preservation. The structure located on the site is easily identifiable as the same structure that was built in 1928, as is the surrounding landscape.

The structure largely retains its original height, massing, floorplan, solid-to-void ratio, materials, design details and site setting. The Commission finds the integrity of the property is more than sufficient to merit its preservation.

By Code, any proposed individual landmark must meet two or more landmark criteria and have sufficient integrity of location, design, materials and workmanship to make it worthy of preservation or rehabilitation. **The property at 818 Hill Street has been found to meet seven landmark criteria, while retaining sufficient integrity to qualify for local Landmark designation.**

CITY OF HIGHLAND PARK
HISTORIC PRESERVATION COMMISSION

RESOLUTION NO. 2026 - 002

A RESOLUTION MAKING A PRELIMINARY LANDMARK DESIGNATION RECOMMENDATION FOR 818 HILL STREET

WHEREAS, on December 3, 2025, pursuant to Section 24.025(A) of "The Highland Park Code of 1968," as amended (***"City Code"***), Thomas Hiller and Peijian Sun (collectively, the ***"Owner"***), the record title owners of that certain real property located at the address commonly known as 818 Hill Street in Highland Park, Illinois (***"Property"***), submitted a written nomination to designate the Property as a landmark; and

WHEREAS, pursuant to Section 24.025(B)(1) of the City Code, a public meeting of the Commission to consider preliminary landmark designation of the Structure was held on February 12, 2026 notice of which meeting was delivered on January 16, 2026 to the Owner; and

WHEREAS, pursuant to Section 24.025(B)(2) of the City Code, to make a preliminary landmark designation recommendation for the Structure, the Commission must, by resolution duly adopted: (i) find that the proposed landmark designation satisfies at least two of the criteria set forth in Section 24.015 of the City Code; and (ii) determine that the Property has sufficient integrity of location, design, materials, and workmanship to make it worthy of preservation; and

WHEREAS, the Property demonstrates value as part of the development and cultural character of the City; and

WHEREAS, the single-family residential structure on the Property embodies culturally significant elements of Swedish folk design; and

WHEREAS, the single-family residential structure on the Property was built in the Tudor Style, and includes many of the architectural features of that style; and

WHEREAS, the single-family residential structure on the Property was designed by notable designer and builder Henry Bengston whose individual works had an influence on the region; and

WHEREAS, the Property was developed by notable person Edith Rockefeller-McCormick who contributed to the development of the City; and

WHEREAS, the Property exhibits singular characteristics that make it an established visual feature; and

WHEREAS, the single-family residential structure on the Property has a hand-hewn log veneer that possesses archeological significance for its age and method of construction; and

WHEREAS, the Commission has determined that the proposed landmark designation of the Property satisfies the criteria for landmark designation set forth in the City Code;

CITY OF HIGHLAND PARK
HISTORIC PRESERVATION COMMISSION

RESOLUTION NO. 2026 - 002

NOW, THEREFORE, BE IT RESOLVED BY THE HISTORIC PRESERVATION COMMISSION OF THE CITY OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as the findings of the Historic Preservation Commission.

SECTION TWO: PRELIMINARY LANDMARK DESIGNATION. In accordance with, and pursuant to, Section 24.025(B)(2) of the City Code, the Commission hereby: (a) finds that the Structure satisfies the criteria for landmark designation set forth in Sections 24.015(1), 24.015(3), 24.015(4), 24.015(5), 24.015(6), 24.015(7) and 24.015(9) of the City Code; and (b) determines that the Structure has sufficient integrity of location, design, materials and workmanship to make it worthy of preservation. Pursuant to such finding and determination and Section 24.025(B)(2) of the City Code, the Commission hereby makes a preliminary recommendation to designate the Structure as a landmark.

SECTION THREE: EFFECT OF DESIGNATION. In accordance with and pursuant to Section 24.025(B)(3) of the City Code, upon the effective date of this Resolution, the Structure will be considered a "Regulated Structure," as that term is defined pursuant to Section 24.005 of the City Code.

SECTION FOUR: EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage and approval in the manner provided by law.

AYES: Weeder, Greenbaum, Pines, Ehrlich, Portman

NAYS: None

ABSENT: Hartinger, Gonka

PASSED: 5-0

APPROVED: February 12, 2026

RESOLUTION NO. 2026 - 002

Erica Weeder, Chairperson

ATTEST:

Maddy Markle, Commission Secretary

{00116884.1}

MINUTES OF A REGULAR MEETING
HISTORIC PRESERVATION COMMISSION
OF THE CITY OF HIGHLAND PARK, ILLINOIS

MEETING DATE: Thursday, February 12, 2026

MEETING LOCATION: Council Chambers, City Hall, 1707 St. Johns Avenue, Highland Park, IL

CALL TO ORDER
At 6:33 p.m., Chairperson Weeder called the meeting to order. This Commission meeting takes place on-site. Staff was asked to call the roll.

ROLL CALL
Commissioners Present: Chairperson Weeder; Commissioners Ehrlich, Greenbaum, Pines, & Portman

Commissioners Absent: Commissioners Gonka & Hartinger

Councilmember Present: Lidawer

Student Council Present: Cooper Baum & Gabi Goldstein

Staff declared that a quorum was present.

Staff Present: Coleman & Markle

Guests Present: Tom Hiller & Peijian Sun/Petitioners, Mary Seyfarth, Linda Barbera-Stein

Others Present: Gale Cerabona, Recorder

APPROVAL OF MINUTES
Regular Meeting of the Historic Preservation Commission – January 8, 2026

Commissioner Pines moved to approve the regular meeting minutes of January 8, 2026. Commissioner Ehrlich seconded the motion.

On a voice vote
Voting Yea Chairperson Weeder; Commissioners Ehrlich, Greenbaum, Pines, & Portman
Voting Nay: None

Staff declared that the motion passed unanimously.

SCHEDULED BUSINESS
Planner Markle advised that the Applicant asked that the next two cases be continued to the March 12, 2026, HPC meeting. They noted the Plan and Design Commission/PDC meeting would be continued as well.

1. Review of Written Report to the Plan and Design Commission regarding Planned Development – 147 Central Avenue

2. Continuation of Partial Landmark Removal – 147 Central Avenue

Commissioner Ehrlich commented on public comment included in the February Agenda Packet. He believes the HPC cannot rule on the first two agenda items. He noted confusion regarding procedural grounds. Planner Markle recommended that the Commission not discuss items without the Petitioner present and stated procedural questions will be discussed further at the March HPC meeting.

Councilperson Lidawer said these cases are requested to be continued.

Commissioner Ehrlich said previous comments regarding procedure have not been responded to. Planner Markle stated that Corporation Counsel has already addressed the Commission's procedural concerns in the form of a memo. The memo is included in the February Agenda Packet.

Commissioner Portman moved to continue the two cases for 147 Central Avenue to the March 12, 2026, HPC meeting. Commissioner Pines seconded the motion.

On a roll call vote
Voting Yea Chairperson Weeder; Commissioners Ehrlich, Greenbaum, Pines, & Portman
Voting Nay: None

Staff declared that the motion passed unanimously.

3. Preliminary Consideration of Landmark Nomination – 818 Hill Street

Commissioner Portman disclosed he lives 8-9 houses away on this street and has a friendship with the owners. Corporation Counsel is aware and advised there would be no conflict.

Planner Markle offered a presentation:

- Summary
  - The "Summer House"
  - Tudor style
  - built c. 1927
  - architect is Harry Bengston
- Edith Rockefeller McCormick
  - original owner (not primary residence)
  - daughter of J.D. Rockefeller
  - real-estate developer; created *The Highlands*
- Elevations were shown
  - cedar-shingled roof
  - fieldstone chimney
  - hand-hewn logs (building material) may be the oldest in Highland Park
- Swedish Influence (culture document from Applicant was distributed)
- Notable Architectural Features
- Tudor-style Characteristics
  - Similarities to "Storybook style"
- Chain of Title
- Alteration History

    - east, south façade modification
    - log replacement
    - carriage door removal; standard garage doors installed
- Site Plan
    - Roof restoration – nominated for 2026 Preservation Award. Will be further considered in May 2026.

Councilperson Lidawer departed the meeting at 7:07 p.m.

- Landmark Criteria (Staff recommends considering Criteria #1, 3, 4, 5, 6, 7, & 9)
- Recommendation

Petitioner/Owner, Mr. Tom Hiller appreciates Planner Markle's presentation. He said he had no idea about the history of the house when the initially moved in. The history was long forgotten at the time. They have been living there for 4 years, and it's a one-of-a-kind house. The roof and structure is a work of art. The home has original Crane bathroom fixtures. Mr. Hiller advised that 1/3 of Swedish people immigrated to the Midwest. He shared logs are actual.

Some HPC comments are:

- Commissioner Ehrlich said it's an incredible presentation and house. He believes all landmark criteria apply along with integrity.

  Mr. Hiller stated the Newberry Library has minutes of meetings from around 1928 (regarding the ERM Trust). He discussed the preparation/culmination of notable events (300th Anniversary in 1938) in Delaware.

- Chairperson Weeder commended the Petitioner on a great summary.
- Commissioner Portman referred to Pages 24-25, and noted the pine trees haven't changed. He stated this home is a focal point of the Swedish movement.

  Mr. Hiller said the paneling is mind boggling. He and his wife had no clue when they bought this house; built like a bomb shelter.

- Commissioner Greenbaum said the architect for her house is R. Harold Zook.

Staff asked if anyone from the public wishes to speak. The following came forward:

- Mary Seyfarth asked how many faux-thatched roofs are like this in Highland Park. It was noted there is one on Oakwood, St. Johns, and Sheridan Road.

  Mr. Hiller said the number of houses in the area had this type of roof; though, they are torn off now. He noted there is one on Greenwood; has to do with the number of layers. Another house is on Tower Road and another by Northwestern. There are some in Palatine, Hinsdale, etc.

Petitioner/Owner, Mrs. Peijian Sun advised this roof is unique; like an ocean; a fish pattern. There is a boat on the chimney (to come across the ocean). Many say this house is overbuilt. There is a Japanese burn technique. The stone is granite, river stone (breaking technique rather than cutting).

Another audience member came forward:

- Linda Barbera-Stein did an exhibit in *The Highlands* with this kind of house; the American Dream. Housing materials were American-made and affordable. This house was a summer house.

  Planner Markle displayed an aerial view as did Ms. Stein.

  Ms. Stein advised there were 7-9 Tudor homes built before the crash.

More HPC comments are…..

- Chairperson Weeder believes this house meets Criteria 1, 3, 4, 5, 7, & 9.
- Commissioners Pine and Portman concur.
- Commissioner Ehrlich believes Criteria 2 & 8 also meet landmark criteria.

Commissioner Ehrlich moved that Criteria 1, 2, 3, 4, 5, 6, 7, & 9 apply as well as the grounds. Commissioner Portman seconded the motion.

Referring to Criteria 2, Commissioner Ehrlich said the location of an event could be anywhere. After consensus of at least 3 HPC members who disagreed that Criteria 2 applies, Commissioner Ehrlich withdrew his motion. Commissioner Portman withdrew seconding the motion.

Commissioner Greenbaum moved that Criteria 1, 3, 4, 5, 6, 7, & 9 apply, the house has sufficient integrity, and a preliminary Landmark Designation is recommended. Commissioner Pines seconded the motion.

On a roll call vote

Voting Yea	Chairperson Weeder; Commissioners Ehrlich, Greenbaum, Pines, & Portman
Voting Nay:	None

Staff declared that the motion passed unanimously.

Audience member, Mary Seyfarth offered rationale that Criteria 2 applies due to Edith McCormick. Members of the HPC stated this is covered in Criteria 3. Mr. Hiller responded with more history on Edith McCormick.

DISCUSSION ITEMS

There were no Discussion Items.

BUSINESS FROM THE PUBLIC

There was no Business from the Public.

STAFF REPORT

Planner Markle referenced the CMO memo about Residents' Academy/Summer School and encouraged HPC members to apply.

Planner Markle welcomed two new Student Representatives. Cooper Baum & Gabi Goldstein introduced themselves and shared where they go to high school.

OTHER BUSINESS

1. Next Regular Meeting is Scheduled for March 12, 2026

It was noted the next regular HPC Meeting is scheduled for March 12, 2026.

ADJOURNMENT

Commissioner Portman moved to adjourn at 8:02 p.m. Commissioner Ehrlich seconded the motion.

On a voice vote
Voting Yea Chairperson Weeder; Commissioners Ehrlich, Greenbaum, Pines, & Portman
Voting Nay: None

Staff declared that the motion passed unanimously.

Respectfully Submitted,

Gale Cerabona
Recorder

MINUTES OF A REGULAR MEETING ON JANUARY 8, 2026, WERE APPROVED WITHOUT CORRECTIONS.

MINUTES OF A REGULAR MEETING
HISTORIC PRESERVATION COMMISSION
OF THE CITY OF HIGHLAND PARK, ILLINOIS

MEETING DATE: Thursday, March 12, 2026

MEETING LOCATION: Council Chambers, City Hall, 1707 St. Johns Avenue, Highland Park, IL

CALL TO ORDER

At 6:33 p.m., Chairperson Weeder called the meeting to order. This Commission meeting takes place on-site. Staff was asked to call the roll. She requested a 10-minute break so Commissioners may read handouts just presented.

Commissioner Gonka arrived at 6:38 p.m.

ROLL CALL

Commissioners Present: Chairperson Weeder; Commissioners Ehrlich, Gonka, Greenbaum, Hartinger, Pines, & Portman

Councilmember Absent: Blumberg

Student Council Present: Cooper Baum

Student Council Absent: Gabi Goldstein, Amelia Koslow

Staff declared that a quorum was present.

Staff Present: Fontane, Coleman, & Markle

Guests Present: Ken & Marcia Kotula/Petitioner, Owners
Kim Schliesmann/Petitioner, Owner
Thomas Hiller and Peijian Sun/ Petitioner, Owner
Cal Bernstein, Attorney/Samuels & Bernstein

Others Present: Gale Cerabona, Recorder

APPROVAL OF MINUTES

Regular Meeting of the Historic Preservation Commission – February 12, 2026

Commissioner Pines moved to approve the regular meeting minutes of February 12, 2026. Commissioner Greenbaum seconded the motion.

On a voice vote
Voting Yea Chairperson Weeder; Commissioners Ehrlich, Gonka, Greenbaum, Hartinger, Pines, & Portman
Voting Nay: None

DRAFT

Staff declared that the motion passed unanimously.

Planner Markle advised that copies of public letters are available (specifically two letters from Mr. Cal Bernstein, Attorney with Samuels & Bernstein, for the case at 147 Central Avenue).

SCHEDULED BUSINESS

Commissioner Ehrlich suggested the last three items be moved up on the agenda. Chairperson Weeder concurred, and the order was rearranged.

1. Final Consideration of Landmark Nomination – 818 Hill Street

Planner Markle offered a presentation:

- Not Surveyed
- Tudor style with Swedish Folk elements
- Builder & Architect is Harry Bengston
- Landmark Designation Process
- Elevations were shown
- Previous Consideration (from the February 12, 2026, HPC meeting)
- Findings of Fact
- Landmark Criteria
- Recommendation

Commissioner Portman moved to recommend a Landmark Nomination to City Council. Commissioner Ehrlich seconded the motion.

On a roll call vote

Voting Yea: Chairperson Weeder; Commissioners Ehrlich, Gonka, Greenbaum, Hartinger, Pines, & Portman

Voting Nay: None

Staff declared that the motion passed unanimously.

2. Preliminary Consideration of Landmark Nomination – 670 De Tamble Avenue

Planner Markle offered a presentation:

- Landmark Designation Process
- Arthur Vetter House
- Tudor style
- Built in 1928
- Builder is Arthur Vetter
- Contributing Structure in the 2006 Bob O'Link survey
- Elevations were shown
- Notable Architectural Features
- Tudor-style Characteristics
- Arthur & Mabel Vetter
- Daniel Vetter
- Chain of Title
- Alteration History (before & after photos were shown)
- 2003-2004 Preservation Award Winner

DRAFT

- Landmark Criteria
- Recommendation

Mr. Ken Kotula, Petitioner, stated the house is nearing 100 years of age. He explained the revisions. The implanted stone and brick work (and stucco) fit more into a Cotswold-hybrid cottage. The neighbor, Lisa Temkin, brought a letter (from after their fire occurred in 2008; previously addressed as 556) which was distributed. The Kotula's love the house and raised their family there. The house was built October 28, 1928. Mr. Kotula noted this house deserves a landmark nomination. It has been repaired and enhanced.

Some HPC comments are:

- Commissioner Ehrlich would like a picture taken of the letter, so it is in the record.
- Commissioner Portman appreciates the owners honoring the house.
- Chairperson Weeder said this house is charming, well-composed, detailed and worthy of Criteria 1, 3, 4, & 6.
- Commissioner Portman:
    - referenced the differences. Commissioners stated the dormer & French doors were added. He noted a typo.
    - stated the owners, son & father Arthur & Daniel, are significant. The house won the Preservation award. He asked, and Planner Marke said Bob O'Link has historic homes in that survey area.

Chairperson Weeder asked if anyone in the audience wishes to speak. There was no one.

Commissioner Greenbaum moved that this meets Criteria 1, 3, 4, & 6; has sufficient integrity of design; and is recommended for a Preliminary Consideration of Landmark Nomination. Commissioner Ehrlich seconded the motion.

On a roll call vote
Voting Yea Chairperson Weeder; Commissioners Ehrlich, Gonka, Greenbaum, Hartinger, Pines, & Portman
Voting Nay: None

Staff declared that the motion passed unanimously.

3. <u>Preliminary Consideration of Landmark Nomination – 273 Sheridan Road</u>

Planner Markle offered a presentation:

- Landmark Designation Process
- Marshall Johnson House
- Significant rating in the 2003 Braeside survey
- French Eclectic style
- Built in 1935
- Architect & Builder are unknown
- Marshall Johnson
    - Notable landscape architect
    - Trained and worked under Jen Jensen
    - Jen Jensen's son-in-law
- Elevations were shown

DRAFT

- Aerial view was illustrated
- Notable Architectural Features
- French-Eclectic style Characteristics
- Chain of Title
- Alteration History
- Landmark Criteria
- Recommendation

Chairperson Weeder asked if anyone from the public wishes to speak. The following came forward:

- Lisa Temkin gave a brief history.

Ms. Kim Schliesmann, Petitioner, advised they are the third owner and were taken by this house. The outside will remain the same. An architectural, Belmont-style, shingle roof is slated to exactly match. The inside is amazing. There is a piece of stained glass (3x4 from the World's Fair) mounted in the inside. The paving stones might have been a gathering circle. Perhaps students could recreate the yard (via a program). They wish to protect this house. There is no water damage and is in remarkable shape.

Commissioner Portman shared the University of Illinois has local extension offices.

Chairperson Weeder asked if anyone in the audience wishes to speak. The following came forward:

- Mary Seyfarth stated Marshall Johnson is the designer of the Rose Garden.

Commissioner Portman asked, and Planner Markle said, regarding Criteria 7, the HPC may want to consider this as a significant corner lot.

Commissioner Greenbaum moved that Criteria 1, 3, 4, 5, 6, & 7 are met. This house has sufficient integrity, and the HPC wishes to adopt a Preliminary Landmark Nomination. Commissioner Ehrlich seconded the motion.

On a roll call vote
Voting Yea Chairperson Weeder; Commissioners Ehrlich, Gonka, Greenbaum, Hartinger, Pines, & Portman
Voting Nay: None

Staff declared that the motion passed unanimously.

4. Review of Written Report to the Plan and Design Commission regarding Planned Development – 147 Central Avenue

Planner Markle offered a brief presentation:

- HPC is required to give a recommendation to the PDC
- Prior HPC Consideration on January 8, 2026
    - a report was summarized by Staff
- Recommendation

Senior Planner Coleman read the first part of the memo on Page 10. Planner Markle said the report goes into more detail.

DRAFT

Chairperson Weeder said this is an unusual situation, as the attorney wrote a letter that the HPC is not competent to discuss/vote. Discussion took place on the two agenda items relating to this matter.

Commissioner Ehrlich said the HPC is being asked to address something based on the facts on the ground at the time of the ruling (as they presently exist). The historic designation was made as one property. The property line exists where it was designated. It is not currently subdivided. This is Monticello in Highland Park. He has seen nothing that gives the HPC the power to do this. The HPC should do nothing on this. A COA is needed. Commissioner Ehrlich can't believe he is being threatened with a constitutional amendment. The HPC will make a recommendation/motion that the designation remains, and the HPC or City Council don't have the authority to change that. He is upset he was never given the design commission document. What is relevant is an attorney made a comment that a $2,500 public benefit/donation would be given.

Director Fontane said there are two applications before the HPC. Part of the PDC's purview is to decide several things. The HPC is being consulted. He expounded on the process.

Some HPC comments are…..

- Commissioner Portman is not in favor of agreeing to the second point in the drafted written recommendation.
- Commissioner Gonka said building on the lot affects the landmark designation.

  Director Fontane reminded the size of this property triggers a Planned Development. The Planned Development process does not remove a landmark designation.

- Commissioner Ehrlich expressed that Corporation Counsel hasn't said the HPC cannot operate without facts on the ground. He feels a joint meeting should take place with the PDC.

  Senior Planner Coleman explained the PDC process and request for input from the HPC.

- Chairperson Weeder believes the bullet points on drafted written recommendation are well considered. She'd like it to be more specific (on restrictive yard setbacks….). Director Fontane explained same. Chairperson Weeder would like to have more time to study this.

  Director Fontane said this is not a conversation between two Commissions. It is a request to obtain the HPC's vantage point.

- Commissioner Portman would like to add on the second part of the written recommendation……allowing any structure to be built on Lot B will create more density on the existing estate. Planner Markle said this is noted and read same.
- Commissioner Ehrlich concurred.
- Commissioner Gonka would like to add information on the COA even if it's redundant.

Commissioner Gonka moved to continue this matter to add more research as per this discussion tonight. Commissioner Ehrlich seconded the motion. Commissioner Gonka amended the motion that this be continued to a date in April. Commissioner Ehrlich accepted the amendment.

On a roll call vote

Voting Yea Chairperson Weeder; Commissioners Ehrlich, Gonka, Greenbaum, Hartinger, Pines, & Portman
Voting Nay: None

Staff declared that the motion passed unanimously.

5. Continuation of Partial Landmark Removal – 147 Central Avenue

Planner Markle offered a presentation:

- Prior HPC Consideration
- Summary of Application
- Photos were shown
- Prior Designation
- Recommendation

Mr. Bernstein, Attorney with Samuels & Bernstein, shared the PDC has discussed nothing further at this time, as it awaits input from the HPC. It was noted subdivision relief is being requested; is a through lot.

Chairperson Weeder asked if anyone from the public wishes to speak. The following came forward:

- Kelsey Gonzalez referred to her extensive comments. She would like the HPC to have its own language on the previous matter. Ms. Gonzalez stated….what is binding is this item (landmark removal). She read excerpts from her letter. The HPC is here to protect Highland Park residences. Other entities went through an extensive review. It is ridiculous that the City wouldn't protect this, as it's a public treasure. If this occurs, Highland Park's preservation program preserves nothing.

  Commissioner Gonka expressed that this whole process is confusing. The items discussed are relevant. Planner Markle explained the footnote. Corporation Counsel drafted the Resolution. Director Fontane said what's in the packet is a draft.

- Tom Corning defers to Ms. Gonzalez, as she is more invested and closer to the property. He concurs with Ms. Gonzalez. Calling this Monticello is an appropriate measure. The Central Street Bridge is large, trees were removed. Mr. Corning likes that input from the PDC and HPC is being sought. He thanked the HPC. Mr. Corning would like to see the landmark removal item be thrown away. He is sensitive that this is a burden. Mr. Corning would like to see serious FAR, bulk restrictions, etc., be put in place. There is not an Appearance Review Commission for any property. It is important, architecturally, that neighbors don't see a black box. It is a prime property. To make this a palatable venture, he would like to see comments, restrictions, and conditions applied.

  Director Fontane expounded on the process.

Some HPC comments are…..

- Commissioner Gonka said the gate is not on the property. A little bit of a fence is. It was stated this meets Criteria 3 & 7.
- Commissioner Ehrlich believes this should be continued, dovetailed with the previous agenda item.
- Commissioner Gonka said there isn't anyone from the public who wants to see this subdivided.
- Commissioner Portman believes Criteria 4 is met.
- Commissioner Ehrlich believes Criteria 2 is met.
- Commissioner Greenbaum believes Criteria 1 is met. Commissioners Pines and Ehrlich concurred.

- Commissioner Pines doesn't believe Criteria 2 applies. More information is needed.

Commissioner Gonka moved to find that Lot B located at 147 Central Avenue does satisfy Landmark Criteria 1, 3, 4, & 7, does have sufficient integrity of design, and recommends City Council not adopt a Landmark Removal ordinance.
Commissioner Greenbaum seconded the motion.

On a roll call vote
Voting Yea Chairperson Weeder; Commissioners Ehrlich, Gonka, Greenbaum, Hartinger, Pines, & Portman
Voting Nay: None

Staff declared that the motion passed unanimously.

DISCUSSION ITEMS

1. 2026 Preservation Month Events

Planner Markle advised that Staff recommends a Walking Tour/Open House of The Highlands. Senior Planner Coleman said this would be confirmed tomorrow with City Management. Commissioner Pines asked, and Senior Planner Coleman replied this would be in place of the Bicycle Tour. Commissioner Ehrlich would like to invite Jean Sogin due to her vast knowledge. Everyone agreed this would be a great event.

Student Council Baum departed the meeting at 9:34 p.m.

Planner Markle advised the event for the Preservation Awards would be at the Willets House on May 7, 2026, at 6:30 p.m. The deadline for nominations is April 1, 2026.

BUSINESS FROM THE PUBLIC

There was no Business from the Public.

OTHER BUSINESS

1. Next Regular Meeting is Scheduled for April 14, 2026

It was noted the next regular HPC Meeting is scheduled for April 14, 2026.

STAFF REPORT

There was no Staff Report.

ADJOURNMENT

Commissioner Gonka moved to adjourn at 9:41 p.m. Commissioner Hartinger seconded the motion.

On a voice vote
Voting Yea Chairperson Weeder; Commissioners Ehrlich, Gonka, Greenbaum, Hartinger, Pines, & Portman
Voting Nay: None

Staff declared that the motion passed unanimously.

Respectfully Submitted,
Gale Cerabona, Recorder

DRAFT

MINUTES OF A REGULAR MEETING ON FEBRUARY 12, 2026, WERE APPROVED WITHOUT CORRECTIONS.

DRAFT

City of Highland Park

Ordinance No. _____

An Ordinance Designating the Property at
818 Hill Street a Local Landmark

WHEREAS, Peijan Sun and Thomas L. Hiller (collectively, the ***"Owner"***) are the record title owners of that certain real property commonly known 818 Hill Street, Highland Park, Illinois, and legally described in **Exhibit A** attached to and, by this reference made a part of, this Ordinance (***"Property"***); and

WHEREAS, the Property in its entirety was originally owned and developed by notable person Edith Rockefeller-McCormick; and

WHEREAS, on December 3, 2025, pursuant to Section 24.025(A) of "The Highland Park Code of 1968," as amended (***"City Code"***), the Owner submitted a written nomination to the Chair of the Historic Preservation Commission of the City (***"Commission"***) to designate the Property as a landmark; and

WHEREAS, pursuant to Section 24.025(B)(1) of the City Code, a public meeting of the Commission to consider preliminary landmark designation of the Property was held on February 12, 2026 notice of which meeting was delivered to the Owner on January 16, 2026; and

WHEREAS, on February 12, 2026, the Commission adopted Resolution No. 2026-002, recommending preliminary landmark designation of the Property pursuant to Section 24.025(B)(2) of the City Code; and

WHEREAS, on March 12, 2026, the Commission accepted the planning report prepared by the City Director of Community Development, pursuant to Section 24.025(C) of the City Code; and

WHEREAS, at a public meeting of the Commission held on March 12, 2026, the Commission voted to recommend approval of the proposed landmark designation of the Property, in accordance with Section 24.025(D) of the City Code; and

WHEREAS, the City Council has determined that it will serve and be in the best interest of the City and its residents to designate the Property as a landmark;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Ordinance as findings of the City Council.

SECTION TWO: FINDINGS. The City Council, having reviewed the findings, recommendations, and official record of the Commission, hereby finds as follows:

A. The Property has sufficient integrity of location, design, materials, and workmanship to make it worthy of preservation, thereby satisfying the criterion for landmark designation set forth in Section 24.025(F)(2)(a) of the City Code;

B. The Property demonstrates character, interest and value as part of the development, heritage, and cultural characteristics of the City, thereby satisfying the criterion for landmark designation set forth in Section 24.015(1) of the City Code; and

C. The Property is associated with a person who significantly contributed to the development of the City, county, state and country, thereby satisfying the criterion for landmark designation set forth in Section 24.015(3) of the City Code; and

D. The Property embodies distinguishing characteristics of architectural and landscape styles valuable for the study of a period of time and historic methods of construction, thereby satisfying the criterion for landmark designation set forth in Section 24.015(4) of the City Code; and

E. The Property is identifiable as the work of a notable builder whose individual works have influenced the development of the City, thereby satisfying the criterion for landmark designation set forth in Section 24.015(5) of the City Code;

F. The Property embodies elements of design, detailing, craftsmanship and materials that render it architecturally, visually, aesthetically and culturally significant, thereby satisfying the criterion for landmark designation set forth in Section 24.015(6) of the City Code;

G. The Property possesses singular physical and aesthetic characteristics that make it an established visual feature thereby satisfying the criterion for landmark designation set forth in Section 24.015(7) of the City Code; and

H. The Property possesses significant historical and archeological qualities, thereby satisfying the criterion for landmark designation set forth in Section 24.015(9) of the City Code.

SECTION THREE: LANDMARK DESIGNATION. In accordance with, and pursuant to, Section 24.025(F)(2) of the City Code, the City Council hereby designates the Property as a landmark.

SECTION FOUR: RECORDATION; BINDING EFFECT. The City Clerk is hereby directed to record a copy of this Ordinance with the Recording Division of the Lake County Clerk's Office. This Ordinance and the privileges, obligations, and provisions contained herein inure solely to the benefit of, and be binding upon, the Owner and each of their heirs, representatives, successors, and assigns.

SECTION FIVE: PUBLICATION. The City Clerk is hereby directed to publish this Ordinance in pamphlet form pursuant to the Statutes of the State of Illinois.

SECTION SIX: EFFECTIVE DATE. This Ordinance will be in full force and effect from and after its passage and approval in the manner provided by law.

[SIGNATURE PAGE FOLLOWS]

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

PUBLISHED IN PAMPHLET FORM:

ORDINANCE NO.

_____

Nancy R. Rotering, Mayor

ATTEST:

_____

Ghida Neukirch, City Clerk

DRAFT

EXHIBIT A

LEGAL DESCRIPTION OF THE PROPERTY

LOT 1 IN KRENN AND DATO'S HIGHLAND PARK ADDITION, SUBDIVISION NO. 2, BEING A SUBDIVISION OF A PART OF KRENN AND DATO'S HIGHLAND PARK ADDITION, BEING A SUBDIVISION OF PARTS OF SECTIONS 10 AND 15, TOWNSHIP 43 NORTH, RANGE 12, EAST OF THE 3RD P.M., ACCORDING TO THE PLAT OF SAID SUBDIVISION NO. 2, RECORDED OCTOBER 13, 1938 AS DOCUMENT 326060 IN BOOK "T" OF PLATS, PAGE 33 IN LAKE COUNTY ILLINOIS.

DRAFT

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Brian Soldano, Police Sergeant

Department: Police Department

Title: A Resolution Approving an Intergovernmental Agreement with the Board of Education of Township High School District No. 113 Regarding Use of Buses for Independence Day Parade.

Recommendation:
Staff recommends entering into an agreement with Township High School District 113 to utilize up to thirteen school district buses with drivers to secure sections of the 2026 Independence Day parade route from vehicular traffic.

Policy Consideration:
The City of Highland Park has taken a trauma-informed approach to planning initiatives for Independence Day events since 2022. At the October 10, 2023 meeting of the Committee of the Whole, staff presented policy considerations regarding Independence Day activities in 2024. As part of the discussion, the City Council indicated their preference to return to a traditional parade for Independence Day 2024. After significant consideration of potential alternates, a new route was agreed upon by Council starting at First St. & Laurel Ave, moving west on Laurel to Green Bay Rd., turning north onto Green Bay to Central Ave. and following Central west to Sunset Rd. This route was utilized in 2024 and 2025. Staff recommended and Council concurred at the COTW on September 25, 2025, to continue use of the new route in 2026 after consideration of other options.

In order to determine whether the City should return to the original Independence Day Parade route utilized through July 4, 2022, or continue with the alternate route, utilized since July 4, 2024, staff and the City Council considered several factors including but not limited to vulnerability to vehicle-born attacks, “lone wolf attacks", the overall length of the route, route navigation limitations such as turning radius’ and security of the route, amongst others. In doing so, staff worked closely with United States Secret Service staff to obtain recommendations on which route allowed for the safest event. Secret Service professionals likewise expressed more favorable support with the preferred route location versus alternate considerations. It is also adviseable that the City use buses in areas with larger stretches of open area; many of these areas were proven difficult to more fully secure with smaller crash rated barriers.

The City has partnered with Township High School District 113 to use up to thirteen school buses, staffed by their bus drivers, as well as one supervisor for the Emergency Operations Center, in order to secure a number of areas along the parade route. It is imperative that all vehicles utilized as part of the security procedures for Independence Day be manned by drivers to ensure quick, safe, coordinated movement in the event of an emergency.

The School Board is anticipated to approve the agreement at their upcoming Board meeting.

Core Priorities:

Fiscal Stability

In order to use Township High School District 113 buses, the school district has asked the City to compensate the school bus drivers who work the event as well as a supervisor in place at the Emergency Operations Center. Estimated charges are $3500.00 and will be accounted for in the FY2026 budget line item 1110103.62100.

Public Safety

The use of the school district's buses would increase the safety and security of the Independence Day Parade. The size and weight of the buses provide protection against vehicle-born attacks as well as distracted drivers traversing areas adjacent to the parade route. Placing buses at the key areas of the route, instead of smaller vehicles, or cement "Jersey Barriers" allows for quicker and more efficient setup and road closures. Cement "Jersey Barriers" can take several minutes to place and require special equipment to do so. These barriers can also cause damage to the roadway or sidewalks when they are deployed. Additionally, these types of barriers take longer durations of time to clean up at the conclusion of the event, which leads to longer wait times for roadways to reopen to vehicular traffic. Use of City PACE buses is not feasible for this task; entering into an agreement with District 113 secures a local resource for security planning.

Attachments:

1. HP Intergovernmental Agreement (Independence Day Parade)
2. HP Resolution Approving Intergovernmental Agreement with Dist No. 113 for Use of Buses for Independence Day Parade Event

INTERGOVERNMENTAL AGREEMENT BETWEEN THE BOARD OF EDUCATION OF TOWNSHIP HIGH SCHOOL DISTRICT 113 AND THE CITY OF HIGHLAND PARK REGARDING USE OF BUSES FOR INDEPENDENCE DAY PARADE

THIS INTERGOVERNMENTAL AGREEMENT ("Agreement") is made and entered into as of the effective date set forth below in Section 15 ("Effective Date"), and is by and between the Board of Education of Township High School District 113, Lake County, Illinois ("District 113"), and the City of Highland Park, Lake County, Illinois ("City"), which hereinafter may be referred together as the "Parties" or individually as a "Party."

WHEREAS, District 113 is a public school district organized and operating pursuant to the Illinois *School Code*, 105 ILCS 5/1-1, et seq.;

WHEREAS, pursuant to Article VII, Section 6 of the 1970 Illinois Constitution, the City is an Illinois home rule municipal corporation;

WHEREAS, the City intends to hold a parade within its corporate boundaries on July 4, 2026 ("Event"), and has requested the use of District 113's buses to serve as barriers along various parade routes throughout the duration of the Event;

WHEREAS, the Parties wish to continue their relationship of working together to foster a safe and secure environment for students and community members;

WHEREAS, Article VII, Section 10 of the 1970 Illinois Constitution authorizes units of local government, such as the Parties, to contract or otherwise associate among themselves in any manner not prohibited by law or ordinance; and

WHEREAS, Section 5 of the Illinois *Intergovernmental Cooperation Act*, 5 ILCS 220/5, provides that one or more units of local government may contract to perform any governmental service, activity, or undertaking which any unit of local government entering into the contract is authorized by law to perform, provided that such contract shall be authorized by the governing body of each governmental unit that is party to the contract.

NOW, THEREFORE, in consideration of the terms and conditions contained in this Agreement, the sufficiency of which is hereby acknowledged, the Parties agree as follows:

1. Recitals Incorporated. The foregoing recitals are incorporated herein by reference.

2. Independence Day Parade. To enhance and strengthen the existing safety and security measures at the Event, District 113 shall permit the City to utilize District 113's buses to serve as barriers along various areas of the parade route as designated by the City, provided the following conditions are met:

    a. Bus Drivers – The buses shall be driven and operated exclusively by District 113 employed drivers. District 113 drivers shall drive the buses to and from the barricade

locations designated by the City.

b. Bus Use – The buses shall be used solely for staging purposes and shall remain unoccupied and locked during the entirety of the Event. The buses shall not transport any individual under any circumstance during the Event. The buses shall not provide any form of traffic control aside from serving as barricades and shall not utilize the stop arms or warning lights for traffic control or any other related purpose. Notwithstanding the foregoing, each bus shall be attended by its respective District 113 driver at all times during the entirety of the Event such that any or all of the buses may be moved as and when the City deems necessary.

c. Security – The City shall bear all responsibility as it pertains to managing traffic control and securing the areas around the buses once staged in the barricade locations.

3. Insurance. Through the conclusion of the Event, the City, at its sole cost and expense, and for the benefit of District 113, shall carry and maintain insurance of types and amounts acceptable to District 113 that names District 113, its Board, Board members, employees, agents, and successors as an additional insured on a primary noncontributory basis with a waiver of subrogation in favor of District 113. Between June 19, 2026 and June 30, 2026, the City will provide District 113 with Certificates of Insurance acceptable to District 113 evidencing the existence of the coverage described above, including form and deductibles, during the duration of this Agreement. The failure to provide acceptable insurance shall be deemed a breach of this Agreement entitling District 113 to terminate this Agreement immediately.

4. Indemnification. The City shall protect, defend, indemnify and hold harmless District 113, its Board members/trustees, officers, and employees ("District 113 Parties"), from and against any and all claims, actions, damages, liability and expenses, including attorney's fees, for injuries to persons or damage or destruction of property incurred by District 113 and to the extent related to this Agreement unless caused by the negligent actions or omissions of the District 113 Parties.

5. Damage to Property. The City is responsible for all damage incurred to the buses and agrees to reimburse District 113 for the total deductible in the amount of $2,500.00 in addition to any out-of-pocket expenses, including those associated with towing, in the event of a claim.

6. Termination. Either Party may terminate this Agreement with or without cause by serving written notice to District 113's Superintendent or the City Manager, as applicable.

7. Effect of Agreement. This Agreement contains all the terms and conditions agreed upon by the Parties with respect to the subject matter of this Agreement and supersedes all prior intergovernmental agreements, arrangements, memoranda of understanding and communications between the Parties concerning such subject matter, whether oral or written.

8. Binding Nature of Agreement. This Agreement shall be binding upon and inure to the benefit of District 113, its successors and assigns, and shall be binding upon and inure to the benefit of the City, its successors and assigns.

9. Severability. It is mutually understood and agreed that all agreements and covenants herein are severable and that in the event any of them shall be held to be invalid by any court of competent jurisdiction, this Agreement shall be interpreted as if such invalid agreement of covenant were not contained herein.

10. Amendment. The agreements, covenants, terms and conditions herein contained may be modified only through written mutual consent of the Parties.

11. Relationship of the Parties; No Third-Party Beneficiaries. Nothing contained in or done pursuant to this Agreement shall be construed as creating a partnership, agency, joint employer or joint venture relationship between District 113 and the City. Notwithstanding any provision herein to the contrary, this Agreement is entered into solely for the benefit of the Parties, and nothing in this Agreement is intended, either expressly or impliedly, to provide any right or benefit of any kind whatsoever to any person or entity who is not a party to this Agreement or to acknowledge, establish or impose any legal duty to any third party. No claim as a third-party beneficiary under this Agreement by any person, firm, or corporation shall be made or be valid against District 113 and/or the City.

12. Governing Law. This Agreement shall be governed by, construed, and enforced in accordance with the laws, but not the conflict of laws rules, of the State of Illinois. Jurisdiction and venue for all disputes hereunder shall be the Nineteenth Judicial Circuit Court, Lake County, Illinois, or the federal district court for the Northern District of Illinois.

13. Headings. The various headings used in this Agreement as headings for sections or otherwise are for convenience only and shall not be used in interpreting the text of the section which they appear.

14. Counterparts. This Agreement may be executed in any number of counterparts, each of which shall constitute an original, but altogether shall constitute one and the same Agreement.

15. Effective Date. This Agreement shall be deemed dated and become effective on the date the last of the Parties sign as set forth below the signature of their duly authorized representatives.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Parties have hereunto set their hands and seals the day and year below written.

BOARD OF EDUCATION OF TOWNSHIP HIGH SCHOOL DISTRICT 113 Lake County, Illinois

By: _____
President

Attest:_____
Secretary

Date:_____

CITY OF HIGHLAND PARK Lake County, Illinois

By:_____
City Manager

Attest: _____
Deputy City Clerk

Date:_____

City of Highland Park

Resolution No. _____

A Resolution Approving an Intergovernmental Agreement with the Board of Education of Township High School District No. 113 Regarding Use of Buses for Independence Day Parade

WHEREAS, Article VII, Section 10 of the 1970 Constitution of the State of Illinois and the Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.* ("***Act***"), provides that units of local government and schools may contract with one another to perform any activity authorized by law; and

WHEREAS, the Board of Education of Township High School District No. 113, Lake County, Illinois ("***District 113***"), is a public school district organized and operating pursuant to the Illinois *School Code*, 105 ILCS 5/1-1, et seq.; and

WHEREAS, the City and District 113 are public agencies pursuant to Section 2 of the Act; and

WHEREAS, the City intends to hold a parade within its corporate boundaries on July 4, 2026 ("***Event***"), and has requested the use of District 113's buses to serve as barriers along various parade routes throughout the duration of the Event; and

WHEREAS, the City and District 113 desire to enter into an intergovernmental agreement to set forth terms governing the use of District 113's buses for the Event ("***Intergovernmental Agreement***"); and

WHEREAS, the City Council has determined that entering into the Intergovernmental Agreement with District 113 will serve and be in the best interests of the City and its residents;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: APPROVAL OF INTERGOVERNMENTAL AGREEMENT. The City Council hereby approves the Intergovernmental Agreement with District 113, in substantially the form attached to this Resolution as **Exhibit A**, and in a final form to be approved by the City Manager and the Corporation Counsel.

SECTION THREE: EXECUTION OF INTERGOVERNMENTAL AGREEMENT. The Mayor and the City Clerk are hereby authorized and directed to execute and attest, on behalf of the City, the Intergovernmental Agreement and all related documentation necessary thereto.

SECTION FOUR: EFFECTIVE DATE. This Resolution will be in full force and effect upon its passage and approval by a majority of the members of the City Council.

[SIGNATURE PAGE FOLLOWS]

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

RESOLUTION NO.

_____
Nancy R. Rotering, Mayor

ATTEST:

_____
Ghida S. Neukirch, City Clerk

EXHIBIT A

INTERGOVERNMENTAL AGREEMENT

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Anton Galati, Police Commander

Department: Police Department

Title: A Resolution Approving the Purchase of Two Police Vehicles from the Highland Park Ford Lincoln Superstore

Recommendation:
City staff recommends purchasing two vehicles for the police department.

Policy Consideration:
The Police Department's 2026 budget includes the purchase of two 2026 hybrid Ford Police Utility Interceptor (PUI) patrol vehicles to ensure continued safety and operational efficiency. Each of the current vehicles has reached or will exceed 100,000 miles in 2026, and their warranties have expired or will soon expire, increasing the likelihood of significant repair costs. The proposed pricing, detailed below, provides optimal value while remaining within the approved budget.

The 2026 Ford Police Utility Interceptor (PUI) is a Law Enforcement Compliant Vehicle (LEV) that meets the Department's operational requirements. This hybrid, front-line patrol vehicle has proven to be an optimal choice in terms of safety, performance, and ergonomics for officer response. The PUI package includes heavy-duty suspension and cooling systems, along with pre-wiring for electrical components that support emergency response functions, including lighting, communications, and in-vehicle computer systems.

The City uses cooperative purchasing agreements to obtain competitive pricing, minimize duplication of effort, and reduce administrative costs. The Northwest Municipal Conference Suburban Purchasing Cooperative (NWMC-SPC) maintains a government-awarded contract for the procurement of fleet vehicles, including police pursuit, unmarked, administrative, and service units, through an annual competitive bidding process. However, Highland Park Ford Lincoln Superstore has provided a quote of $48,273.00 per vehicle, which is lower than the pricing available through the NWMC-SPC contract, representing the most cost-effective option for the City.

The total cost of $113,846.00, including outfitting and decals, for the purchase of these two

vehicles is within the 2026 Equipment Maintenance & Replacement Fund budget.

Core Priorities:
Fiscal Stability

Public Safety

Environmental Sustainability

Attachments:
1. HP - Resolution Approving Police Vehicle Purchases (March 2026)

City of Highland Park

Resolution No. _____

A Resolution Approving the Purchase of Two Police Vehicles from Highland Park Ford Lincoln Superstore, of Highland Park, Illinois

WHEREAS, Article VII, Section 10 of the Constitution of the State of Illinois, and the Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq*., authorize and encourage intergovernmental cooperation; and

WHEREAS, the City Police Department has identified the need to acquire two hybrid patrol vehicles (collectively, the ***"New Vehicles"***) to replace old vehicles in the City's fleet; and

WHEREAS, the City participates in the Northwest Municipal Conference Suburban Purchasing Cooperative (***"SPC"***), which provides cooperative purchasing solutions for government and educational agencies, resulting in significant savings for the City; and

WHEREAS, SPC sought bids for the award of a contract for the New Vehicles (***"Contract"***); and

WHEREAS, Highland Park Ford Lincoln Superstore, of Highland Park, Illinois (***"HP Ford"***), has submitted an offer to sell the New Vehicles to the City, on the same terms and at a lower price than the Contract; and

WHEREAS, the City desires to purchase the New Vehicles from HP Ford in a total amount not to exceed $113,846.00; and

WHEREAS, the City Council has determined that it will serve and be in the best interest of the City and its residents to purchase the New Vehicles from HP Ford, in an amount not to exceed $113,846.00;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: APPROVAL OF PURCHASES. The City Council hereby approves the purchase of the New Vehicles from HP Ford, in a total amount not to exceed $113,846.00.

SECTION THREE: EXECUTION OF REQUIRED DOCUMENTATION. The City Manager and the Deputy City Clerk are hereby authorized to execute and attest, on behalf of the City, all documents necessary to complete the purchases approved pursuant to Section Two of this Resolution.

SECTION FOUR: EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage, approval, and publication in the manner provided by law.

[SIGNATURE PAGE FOLLOWS]

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

RESOLUTION NO.

_____

Nancy R. Rotering, Mayor

ATTEST:

_____

Ghida S. Neukirch, City Clerk

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Kevin Roberts, Police Commander

Department: Police Department

Title: A Resolution Approving Indemnification Agreements with the Suburban Law Enforcement Academy at the College of DuPage for Entry-Level Police Recruit Training

Recommendation:
Staff recommends approving the indemnification agreements with the Suburban Law Enforcement Academy at the College of DuPage.

Policy Consideration:
City staff recommends approval of an indemnification agreement between the City of Highland Park and the Suburban Law Enforcement Academy (SLEA) at the College of DuPage to allow a prospective police recruit to participate in the Basic Police Academy beginning April 27, 2026. The agreement requires the employing agency to indemnify and hold harmless SLEA and the College of DuPage for injuries or damages incurred by the trainee during academy training, except in cases of gross negligence or willful misconduct (see Exhibit A). Staff further recommends authorizing the City Manager to sign similar indemnification agreements with SLEA required for Basic Police Academy training during 2026, provided the form of the agreement remains substantially unchanged.

The Highland Park Police Department has primarily utilized SLEA as the training academy for entry-level police recruits. SLEA provides the State of Illinois Basic Law Enforcement Training required for certification as a police officer. The indemnification agreement is a standard requirement for participating law enforcement agencies sending recruits to the academy.

The prospective recruit in question has received a conditional offer from the City with a target hire date of April 10, 2026. Depending on staffing needs and future academy dates, the City may utilize SLEA for additional recruits in 2026.

The signing and submittal of the indemnification agreement to SLEA does not require the

expenditure of funds.

Core Priorities:
Fiscal Stability

Public Safety

Attachments:
1. Exhibit A
2. HP - Resolution Approving an Indemnification Agreement with SLEA for Police Training

SUBURBAN LAW ENFORCMENT ACADEMY

College of DuPage

INDEMNIFICATION AGREEMENT

It is hereby agreed that in consideration of one of its candidates,

Name: _____

Being granted the opportunity of participating and engaging in police training, operations, functions and other activities sanctioned by the Suburban Law Enforcement Academy, the

Department or Agency: _____

Employing the above-named trainee shall hold the Suburban Law Enforcement Academy and College of DuPage harmless as to any injuries or damages incurred by said trainee as a result of such police training, operations, functions, references provided and/or other activities sanctioned by the Suburban Law Enforcement Academy and College of DuPage, regardless of fault or negligence on the part of any official or employee of the Suburban Law Enforcement Academy or College of DuPage, except for gross negligence or willful, wanton, or intentional misconduct. The above employer shall further agree to indemnify the Suburban Law Enforcement Academy and College of DuPage in full amount as to any judgement or claim awarded to said police trainee, his/her heirs, dependents, and assigns for such injuries or damages sustained by said trainee during the official course of his/her temporary assignment to the Suburban Law Enforcement Academy.

It is further agreed, that should suit or claim be filed by said trainee alleging injury or damage as a result of Suburban Law Enforcement Academy training, operations, functions, or other activities sanctioned by the Suburban Law Enforcement Academy and College of DuPage, reasonable notice of such suit or claim be given to the employing department or agency of the affected trainee and said department or agency will appear and defend the Suburban Law Enforcement Academy and/or College of DuPage.

NOTHING AGREED TO HEREIN BY ANY OF THE PARTIES HERETO SHALL CONSTITUTE A WAIVER OF ANY STATUTORY OR OTHER IMMUNITIES AVAILABLE TO THE PARTIES UNDER ILLINOIS LAW.

In witness thereof, the undersigned has affixed his hand and seal at: _____, Illinois, this ___ day of _____, 20___.

Employing City/Village/County: _____

By: _____

Title or Office: _____

City of Highland Park

Resolution No. _____

A Resolution Approving Indemnification Agreements with the Suburban Law Enforcement Academy at the College of DuPage for Entry-Level Police Recruit Training

WHEREAS, the Suburban Law Enforcement Academy (***"SLEA"***) at the College of DuPage provides Basic Police Academy training for entry-level police recruits (***"Training Program"***); and

WHEREAS, the City Police Department desires to have a prospective police recruit participate in the Training Program beginning on April 27, 2026; and

WHEREAS, the City and SLEA desire to enter into an indemnification agreement setting forth their respective rights and obligations regarding the prospective police recruit's participation in the Training Program (***"Agreement"***); and

WHEREAS, during calendar year 2026, the City Police Department may require that additional police recruits participate in the Training Program, with each new recruit requiring a separate indemnification agreement between the City and SLEA; and

WHEREAS, the City Council has determined that execution of the Agreement with SLEA, and additional indemnification agreements with SLEA for police recruit participation in the Training Program in 2026, will serve and be in the best interest of the City and its residents;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: APPROVAL OF AGREEMENT. The City Council hereby approves the Agreement between the City and SLEA, in the form attached to this Resolution as **Exhibit A**.

SECTION THREE: EXECUTION OF AGREEMENT. The City Manager is hereby authorized and directed to execute the Agreement with SLEA, upon receipt by the City Clerk of at least one original copy of the Agreement executed by SLEA; provided, however, that if an executed copy of the Agreement is not received by the City Clerk within 30 days after the effective date of this Resolution, then this authority to execute the Agreement will, at the option of the City Council, be null and void.

SECTION FOUR: EXECUTION OF FUTURE INDEMNIFICATION AGREEMENTS. The City Manager is hereby authorized to execute additional Agreements between the City and SLEA for further prospective police recruit participation in the Training Program during calendar

year 2026, in the manner described in Section Three of this Resolution, in the form of the Agreement attached to this Resolution as **Exhibit A**, and in the discretion of the City Manager.

SECTION FIVE: EFFECTIVE DATE. This Resolution will be in full force and effect upon its passage and approval by a majority of the members of the City Council.

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

RESOLUTION NO.

_____
Nancy R. Rotering, Mayor

ATTEST:

_____
Ghida S. Neukirch, City Clerk

EXHIBIT A

AGREEMENT

Staff Report

Meeting Date: March 30, 2026

Staff Contact: Joe Schrage, Fire Chief

Department: Fire Department

Title: A Resolution Approving an Agreement with Camosy, Inc. for Construction Management Services for the Renovation of the City Public Services Center and Fire Station 34

Recommendation:
Staff recommends approving a contract with Camosy, Incorporated for construction management services for the Facilities Improvement Project of the Public Services Center and Fire Station 34. This phase of the project entails working with Williams Architects during pre-construction and bidding stages to develop a project budget, review bids, select trades and oversee the construction process.

Policy Consideration:
The Public Services Building was constructed in 1974 and renovated in 2000, and Fire Station 34 was constructed in 1978. The two City-owned facilities are located at 1100-1150 Half Day Road, Highland Park on an 8.3 acre site. The City's preliminary evaluation identified the current facilities need redevelopment or substantial renovation.

In April 2025, the City issued a Request for Qualifications (RFQ) and the staff team, including representatives from the City Manager's Office, Fire Department, Community Development and Public Works Department, reviewed twelve submissions from architectural and project management firms. Three firms were invited to present their qualifications and proposals. After a comprehensive review, City staff recommended and the City Council approved an agreement with Williams Architects. In addition, to best serve the City through the planning process and ultimately save the City in construction costs, the City planned to contract with a construction management service.

In November 2025, the City issued a Request for Qualifications (RFQ) and the staff team, including representatives from the City Manager's Office, Fire Department, Community Development and Public Works Department, reviewed ten responses from construction management firms. Three firms were invited to present their qualifications and proposals. After a comprehensive review, City staff recommends Camosy Incorporated as the most qualified firm. Camosy Incorporated has extensive municipal experience that includes multiple fire, police, and

public works facilities. The proposals are available for review upon request.

Core Project Team (other staff are included at various and strategic points throughout the planning, design and construction project):
1. Ghida Neukirch, City Manager
2. Joe Schrage, Fire Chief
3. Ron Bannon, Public Works Director
4. Joel Fontane, Community Development Director
5. Joe O'Neill, Deputy Public Works Director
6. Annette Cardiff, Assistant to the Public Works Director
7. Horatiu Wolff, Senior Plans Examiner
8. Archana Mohanchandra, Building Division Manager

RFQ Responses:
1. Boller Construction
2. Camosy, Inc (interviewed)
3. Core Construction
4. Executive Construction
5. Featherstone
6. Harbour Contractors
7. Lamp Incorporated (interviewed)
8. Leopardo Construction (Interviewed)
9. SMC Construction Services
10. WB Olson

Camosy Incorporated, Highlights:
• Family-owned corporation since 1968, despite more than 100 years of experience.
• Focused on public sector clients, accounting for 65–70% of their work. This is important given the unique nature of specialized buildings such as fire and public works. Camosy, Inc. delivers approximately 200 completed construction projects annually, averaging 6–8 multi-million dollar projects. Est. $70M annual revenue from construction management services.
• Employs 75–150 employees. Long tenure of staff. Five professional constructors accredited by the American Institute of Constructors; three LEED accredited professionals, one AIA, ALA, and 4 certified professional estimators.
• Experience includes the following:

  - Bartlett Fire
  - Gurnee Public Works and Fire
  - Hoffman Estate Fire Stations 21 and 22
  - Lake County DOT
  - Montgomery Public Works facility
  - Palatine Public Works
  - Schaumburg Police and Village Hall
  - Wheeling Park District

• Impressive emphasis on safety; keeping the project under budget and on time; project

estimating; handling the possibility of unexpected staff departure; ensuring competitive bids for individual trades; navigating unique considerations around our project such as impacts on residents, engineering challenges, site constraints, budget constraints; sustainability design strategies; day-to-day management and communication.
• Reference checks were very positive.

In terms of next steps, City staff will work with Williams Architects and Camosy as further planning is undertaken for the proposed PSC/FS project. Updates will continue to be provided to the City Council.

Core Priorities:

Fiscal Stability:

The three firms that were invited for presentations and proposals provided the following fees. The expense calculations were based upon a $17,000,000.00 project budget.

	Leopardo	Lamp	Camosy
Preconstruction ($)	20000	40000	69700
CM Fee %	0.02	0.025	0.0295
CM Fee ($)	340000	425000	501500
Insurance %	1.00%	0.75%	0.74%
Insurance ($)	170000	127500	125800
Bond %	1.00%	0.68%	0.60%
Bond ($)	170000	115600	102000
GC Monthly ($)	56545		66311
GC Total ($)	904720	1187890	1060976
Contingency %	2.50%		4.00%
Contingency ($)	425000		680000
Total Excl. Cont ($)	1604720	1895990	1859976
Rank (Excl. Cont)	1	3	2

The FY2025 Capital Budget allocated $500,000 for site inspection and planning for the Public Services Center and Fire Station 34. The FY2026 Capital Budget has $2,000,000 planned for design and FY2027/2028 has a placeholder of $17,500,000 budgeted for the build. The $17,500,000 was listed as a placeholder, noting that the City must conduct the planning and design processes to determine the overall build budget. Construction management fees will be included in the overall project budget.

Public Safety:

The upgraded facilities will enhance First Responder (Public Works and Fire) ability to expediently address the community's needs. This will be accomplished through proper equipment storage and staging, proper facilities for personnel and updated facility equipment supporting operations.

Infrastructure Investment:

The current facilities are outdated and do not serve the increasing needs of the community.

Redevelopment or replacement of the current facilities will provide updated facilities that will maintain expected community services.

Attachments:

1. HP Resolution Approving Agreement with Camosy for Construction Management Services
2. Camosy Contract A133-2019- Final
3. Camosy Contract_A201-2017-Final

City of Highland Park

Resolution No. _____

A Resolution Approving an Agreement With
Camosy, Inc. for Construction Management Services
for the Renovation of the City Public Services Center and Fire Station 34

WHEREAS, the City issued a request for qualifications for the provision of construction management services (***"Services"***) for the renovation of the Public Services Building and Fire Station 34 located in the City (***"Project"***); and

WHEREAS, the City has determined that the proposal submitted by Camosy, Inc. (***"Camosy"***) best meets the City's needs and is the most appropriate for the performance of the Services; and

WHEREAS, the City and Camosy desire to enter into an agreement for the provision of the Services (***"Construction Management Agreement"***); and

WHEREAS, the City Council has determined that it will serve and be in the best interest of the City and its residents to enter into the Construction Management Agreement with Camosy;

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: APPROVAL OF CONSTRUCTION MANAGEMENT AGREEMENT. The Construction Management Agreement by and between the City and Camosy is hereby approved in substantially the form attached to this Resolution as **Exhibit A**, and in a final form to be approved by the City Manager and the Corporation Counsel.

SECTION THREE: EXECUTION OF CONSTRUCTION MANAGEMENT AGREEMENT. The City Manager and the Deputy City Clerk are hereby authorized and directed to execute and attest the Construction Management Agreement with Camosy upon receipt by the City Clerk of at least one original copy of the Construction Management Agreement executed by Camosy; provided, however, that if an executed copy of the Construction Management Agreement is not received by the City Clerk within 30 days after the effective date of this Resolution, then this authority to execute and attest the Construction Management Agreement will, at the option of the City Council, be null and void.

SECTION FOUR: EFFECTIVE DATE. This Resolution will be in full force and effect upon its passage and approval by a majority of the members of the City Council.

[SIGNATURE PAGE FOLLOWS]

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

RESOLUTION NO.

_____

Nancy R. Rotering, Mayor

ATTEST:

_____

Ghida S. Neukirch, City Clerk

EXHIBIT A

CONSTRUCTION MANAGEMENT AGREEMENT

AIA® Document A133® – 2019

Standard Form of Agreement Between Owner and Construction Manager as Constructor where the basis of payment is the Cost of the Work Plus a Fee with a Guaranteed Maximum Price

AGREEMENT made as of the Thirteenth day of January in the year Two Thousand Twenty-Six
(In words, indicate day, month, and year.)

BETWEEN the Owner:
(Name, legal status, address, and other information)

City of Highland Park
1707 St. Johns Avenue
Highland Park, IL 60035

and the Construction Manager:
(Name, legal status, address, and other information)

Camosy Incorporated
43451 N US Highway 41
Zion, IL 60099

for the following Project:
(Name, location, and detailed description)

City of Highland Park Public Services Ctr. & Fire Station 34

The Architect:
(Name, legal status, address, and other information)

Williams Architects
One Pierce Place, Suite 550W
Itasca, IL 60143

The Owner and Construction Manager agree as follows.

ADDITIONS AND DELETIONS: The author of this document may have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

AIA Document A201™–2017, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.

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ARTICLE 1 INITIAL INFORMATION

§ 1.1 This Agreement is based on the Initial Information set forth in this Section 1.1.
(For each item in this section, insert the information or a statement such as "not applicable" or "unknown at time of execution.")

§ 1.1.1 The Owner's program for the Project, as described in Section 4.1.1:
(Insert the Owner's program, identify documentation that establishes the Owner's program, or state the manner in which the program will be developed.)

New and/or remodeled facilities per program and design developed by Williams Architects and approved by the City

§ 1.1.2 The Project's physical characteristics:
(Identify or describe pertinent information about the Project's physical characteristics, such as size; location; dimensions; geotechnical reports; site boundaries; topographic surveys; traffic and utility studies; availability of public and private utilities and services; legal description of the site, etc.)

To be determined as mutually approved by the owner and construction manager.

§ 1.1.3 The Owner's budget for the Guaranteed Maximum Price, as defined in Article 6:
(Provide total and, if known, a line item breakdown.)

To be determined as mutually approved by the owner and construction manager.

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§ 1.1.4 The Owner's anticipated design and construction milestone dates:

.1 Design phase milestone dates, if any:

To be determined as mutually approved by the owner and construction manager.

.2 Construction commencement date:

To be determined as mutually approved by the owner and construction manager.

.3 Substantial Completion date or dates:

To be determined as mutually approved by the owner and construction manager.

.4 Other milestone dates:

To be determined as mutually approved by the owner and construction manager.

§ 1.1.5 The Owner's requirements for accelerated or fast-track scheduling, or phased construction, are set forth below:
(Identify any requirements for fast-track scheduling or phased construction.)

Not applicable.

§ 1.1.6 The Owner's anticipated Sustainable Objective for the Project:
(Identify and describe the Owner's Sustainable Objective for the Project, if any.)

The project shall be designed and constructed to the requirements of the Illinois Energy Conservation Code in place at the time of submission of the project documents to the City for permit

§ 1.1.6.1 If the Owner identifies a Sustainable Objective, the Owner and Construction Manager shall complete and incorporate AIA Document E234™–2019, Sustainable Projects Exhibit, Construction Manager as Constructor Edition, into this Agreement to define the terms, conditions and services related to the Owner's Sustainable Objective. If E234–2019 is incorporated into this agreement, the Owner and Construction Manager shall incorporate the completed E234–2019 into the agreements with the consultants and contractors performing services or Work in any way associated with the Sustainable Objective.

§ 1.1.7 Other Project information:
(Identify special characteristics or needs of the Project not provided elsewhere.)

§ 1.1.8 The Owner identifies the following representative in accordance with Section 4.2:
(List name, address, and other contact information.)

Ghida S. Neukirch
City Manager
City of Highland Park
1707 St. Johns Avenue
Highland Park, IL 60035
847.926.1003; gneukirch@cityhpil.com

§ 1.1.9 The persons or entities, in addition to the Owner's representative, who are required to review the Construction Manager's submittals to the Owner are as follows:
(List name, address and other contact information.)

Joe Schrage

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Fire Chief
1130 Central Avenue
Highland Park, IL 60035
847.926.1067; jschrage@cityhpil.com

§ 1.1.10 The Owner shall retain the following consultants and contractors:
(List name, legal status, address, and other contact information.)

.1 Geotechnical Engineer:

Per agreement with Williams Architects.

.2 Civil Engineer:

Per agreement with Williams Architects.

.3 Other, if any:
(List any other consultants retained by the Owner, such as a Project or Program Manager.)

§ 1.1.11 The Architect's representative:
(List name, address, and other contact information.)

Andrew R. Dogan, AIA, NCARB
Chief Operating Officer / Managing Principal
Williams Architects
1 Pierce Place Suite 550W
Itasca, IL 60143
630.221.1212
ardogan@williams-architects.com
As

§ 1.1.12 The Construction Manager identifies the following representative in accordance with Article 3:
(List name, address, and other contact information.)

Todd Peyron
Vice President of Preconstruction
Camosy Construction
43451 N. US Highway 41
Zion, IL 60099

§ 1.1.13 The Owner's requirements for the Construction Manager's staffing plan for Preconstruction Services, as required under Section 3.1.9:
(List any Owner-specific requirements to be included in the staffing plan.)

§ 1.1.14 The Owner's requirements for subcontractor procurement for the performance of the Work:
(List any Owner-specific requirements for subcontractor procurement.)

N/A

§ 1.1.15 Other Initial Information on which this Agreement is based:

N/A

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§ 1.2 The Owner and Construction Manager may rely on the Initial Information. Both parties, however, recognize that such information may materially change and, in that event, the Owner and the Construction Manager shall appropriately adjust the Project schedule, the Construction Manager's services, and the Construction Manager's compensation. The Owner shall adjust the Owner's budget for the Guaranteed Maximum Price and the Owner's anticipated design and construction milestones, as necessary, to accommodate material changes in the Initial Information.

§ 1.3 Neither the Owner's nor the Construction Manager's representative shall be changed without ten days' prior notice to the other party.

ARTICLE 2 GENERAL PROVISIONS

§ 2.1 The Contract Documents

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement, and Modifications issued after execution of this Agreement, all of which form the Contract and are as fully a part of the Contract as if attached to this Agreement or repeated herein. Upon the Owner's acceptance of the Construction Manager's Guaranteed Maximum Price proposal, the Contract Documents will also include the documents described in Section 3.2.3 and identified in the Guaranteed Maximum Price Amendment and revisions prepared by the Architect and furnished by the Owner as described in Section 3.2.8. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. If anything in the other Contract Documents, other than a Modification, is inconsistent with this Agreement, this Agreement shall govern. An enumeration of the Contract Documents, other than a Modification, appears in Article 15.

§ 2.2 Relationship of the Parties

The Construction Manager accepts the relationship of trust and confidence established by this Agreement and covenants with the Owner to cooperate with the Architect and exercise the Construction Manager's skill and judgment in furthering the interests of the Owner to furnish efficient construction administration, management services, and supervision; to furnish at all times an adequate supply of workers and materials; and to perform the Work in an expeditious and economical manner consistent with the Owner's interests. The Owner agrees to furnish or approve, in a timely manner, information required by the Construction Manager and to make payments to the Construction Manager in accordance with the requirements of the Contract Documents.

§ 2.3 General Conditions

§ 2.3.1 For the Preconstruction Phase, AIA Document A201™–2017, General Conditions of the Contract for Construction, shall apply as follows: Section 1.5, Ownership and Use of Documents; Section 1.7, Digital Data Use and Transmission; Section 1.8, Building Information Model Use and Reliance; Section 2.2.4, Confidential Information; Section 3.12.10, Professional Services; Section 10.3, Hazardous Materials; Section 13.1, Governing Law. The term "Contractor" as used in A201–2017 shall mean the Construction Manager.

§ 2.3.2 For the Construction Phase, the general conditions of the contract shall be as set forth in A201–2017, which document is incorporated herein by reference. The term "Contractor" as used in A201–2017 shall mean the Construction Manager.

ARTICLE 3 CONSTRUCTION MANAGER'S RESPONSIBILITIES

The Construction Manager's Preconstruction Phase responsibilities are set forth in Sections 3.1 and 3.2, and in the applicable provisions of A201-2017 referenced in Section 2.3.1. The Construction Manager's Construction Phase responsibilities are set forth in Section 3.3. The Owner and Construction Manager may agree, in consultation with the Architect, for the Construction Phase to commence prior to completion of the Preconstruction Phase, in which case, both phases will proceed concurrently. The Construction Manager shall identify a representative authorized to act on behalf of the Construction Manager with respect to the Project.

§ 3.1 Preconstruction Phase

§ 3.1.1 Extent of Responsibility

The Construction Manager shall exercise reasonable care in performing its Preconstruction Services. The Owner and Architect shall be entitled to rely on, and shall not be responsible for, the accuracy, completeness, and timeliness of services and information furnished by the Construction Manager. The Construction Manager, however, does not warrant or guarantee estimates and schedules except as may be included as part of the Guaranteed Maximum Price. The Construction Manager is not required to ascertain that the Drawings and Specifications are in accordance with applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities, but the

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Construction Manager shall promptly report to the Architect and Owner any nonconformity discovered by or made known to the Construction Manager as a request for information in such form as the Architect may require.

§ 3.1.2 The Construction Manager shall provide a preliminary evaluation of the Owner's program, schedule and construction budget requirements, each in terms of the other.

§ 3.1.3 Consultation

§ 3.1.3.1 The Construction Manager shall schedule and conduct meetings with the Architect and Owner to discuss such matters as procedures, progress, coordination, and scheduling of the Work.

§ 3.1.3.2 The Construction Manager shall advise the Owner and Architect on proposed site use and improvements, selection of materials, building systems, and equipment. The Construction Manager shall also provide recommendations to the Owner and Architect, consistent with the Project requirements, on constructability; availability of materials and labor; time requirements for procurement, installation and construction; prefabrication; and factors related to construction cost including, but not limited to, costs of alternative designs or materials, preliminary budgets, life-cycle data, and possible cost reductions. The Construction Manager shall consult with the Architect regarding professional services to be provided by the Construction Manager during the Construction Phase.

§ 3.1.3.3 The Construction Manager shall assist the Owner and Architect in establishing written protocols for the development, use, transmission, reliance, and exchange of digital data, including building information models for the Project.

§ 3.1.4 Project Schedule

When Project requirements in Section 4.1.1 have been sufficiently identified, the Construction Manager shall prepare and periodically update a Project schedule for the Architect's review and the Owner's acceptance. The Construction Manager shall obtain the Architect's approval for the portion of the Project schedule relating to the performance of the Architect's services. The Project schedule shall coordinate and integrate the Construction Manager's services, the Architect's services, other Owner consultants' services, and the Owner's responsibilities; and identify items that affect the Project's timely completion. The updated Project schedule shall include the following: submission of the Guaranteed Maximum Price proposal; components of the Work; times of commencement and completion required of each Subcontractor; ordering and delivery of products, including those that must be ordered in advance of construction; and the occupancy requirements of the Owner.

§ 3.1.5 Phased Construction

The Construction Manager, in consultation with the Architect, shall provide recommendations with regard to accelerated or fast-track scheduling, procurement, and sequencing for phased construction. The Construction Manager shall take into consideration cost reductions, cost information, constructability, provisions for temporary facilities, and procurement and construction scheduling issues.

§ 3.1.6 Cost Estimates

§ 3.1.6.1 Based on the preliminary design and other design criteria prepared by the Architect, the Construction Manager shall prepare, for the Architect's review and the Owner's approval, preliminary estimates of the Cost of the Work or the cost of program requirements using area, volume, or similar conceptual estimating techniques. If the Architect or Construction Manager suggests alternative materials and systems, the Construction Manager shall provide cost evaluations of those alternative materials and systems.

§ 3.1.6.2 As the Architect progresses with the preparation of the Schematic Design, Design Development and Construction Documents, the Construction Manager shall prepare and update, at appropriate intervals agreed to by the Owner, Construction Manager and Architect, an estimate of the Cost of the Work with increasing detail and refinement. The Construction Manager shall include in the estimate those costs to allow for the further development of the design, price escalation, and market conditions, until such time as the Owner and Construction Manager agree on a Guaranteed Maximum Price for the Work. The estimate shall be provided for the Architect's review and the Owner's approval. The Construction Manager shall inform the Owner and Architect in the event that the estimate of the Cost of the Work exceeds the latest approved Project budget, and make recommendations for corrective action.

§ 3.1.6.3 If the Architect is providing cost estimating services as a Supplemental Service, and a discrepancy exists between the Construction Manager's cost estimates and the Architect's cost estimates, the Construction Manager and the Architect shall work together to reconcile the cost estimates.

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§ 3.1.7 As the Architect progresses with the preparation of the Schematic Design, Design Development and Construction Documents, the Construction Manager shall consult with the Owner and Architect and make recommendations regarding constructability and schedules, for the Architect's review and the Owner's approval.

§ 3.1.8 The Construction Manager shall provide recommendations and information to the Owner and Architect regarding equipment, materials, services, and temporary Project facilities.

§ 3.1.9 The Construction Manager shall provide a staffing plan for Preconstruction Phase services for the Owner's review and approval.

§ 3.1.10 If the Owner identified a Sustainable Objective in Article 1, the Construction Manager shall fulfill its Preconstruction Phase responsibilities as required in AIA Document E234™–2019, Sustainable Projects Exhibit, Construction Manager as Constructor Edition, attached to this Agreement.

§ 3.1.11 Subcontractors and Suppliers

§ 3.1.11.1 If the Owner has provided requirements for subcontractor procurement in section 1.1.14, the Construction Manager shall provide a subcontracting plan, addressing the Owner's requirements, for the Owner's review and approval.

§ 3.1.11.2 The Construction Manager shall develop bidders' interest in the Project.

§ 3.1.11.3 The processes described in Article 9 shall apply if bid packages will be issued during the Preconstruction Phase.

§ 3.1.12 Procurement

The Construction Manager shall prepare, for the Architect's review and the Owner's acceptance, a procurement schedule for items that must be ordered in advance of construction. The Construction Manager shall expedite and coordinate the ordering and delivery of materials that must be ordered in advance of construction. If the Owner agrees to procure any items prior to the establishment of the Guaranteed Maximum Price, the Owner shall procure the items on terms and conditions acceptable to the Construction Manager. Upon the establishment of the Guaranteed Maximum Price, the Owner shall assign all contracts for these items to the Construction Manager and the Construction Manager shall thereafter accept responsibility for them.

§ 3.1.13 Compliance with Laws

The Construction Manager shall comply with applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities applicable to its performance under this Contract, and with equal employment opportunity programs, and other programs as may be required by governmental and quasi-governmental authorities.

§ 3.1.13.1 Prevailing Wage Act

The Construction Manager shall, in the course of its work and in the engagement of its Subcontractors whose names shall be provided in writing to Owner, observe and have them observe all requirements of the Illinois Prevailing Wage Act, including without limitation, payment of not less than the prevailing wage to all covered workers and trades, and insert notices of the Act's requirements in its advertisements for bids, bid packages and specifications, subcontracts, surety bonds so that all Subcontractors will observe the Act, including needed postings and delivery of certified payrolls at prescribed intervals as provided by the Act and that the Department of Labor's electronic website shall be checked monthly by Construction Manager and Subcontractors for possible revisions. Change orders shall be computed using the prevailing wage rates applicable at the time the change order work is scheduled to be performed. The Construction Manager shall maintain accurate records as required by the Act. In accordance with applicable law, the Construction Manager and each Subcontractor shall keep an accurate record showing the names and occupation of all laborers, workers and mechanics employed by them, and also showing the actual hourly wages paid to each such individual, which records shall be certified and submitted in accordance with the Act and which shall be available to the Illinois Department of Labor and the Owner during business hours.

§ 3.2 Guaranteed Maximum Price Proposal

§ 3.2.1 At a time to be mutually agreed upon by the Owner and the Construction Manager, the Construction Manager shall prepare a Guaranteed Maximum Price proposal for the Owner's and Architect's review, and the Owner's

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acceptance. The Guaranteed Maximum Price in the proposal shall be the sum of the Construction Manager's estimate of the Cost of the Work, the Construction Manager's contingency described in Section 3.2.4, and the Construction Manager's Fee described in Section 6.1.2.

§ 3.2.2 To the extent that the Contract Documents are anticipated to require further development, the Guaranteed Maximum Price includes the costs attributable to such further development consistent with the Contract Documents and reasonably inferable therefrom. Such further development does not include changes in scope, systems, kinds and quality of materials, finishes, or equipment, all of which, if required, shall be incorporated by Change Order.

§ 3.2.3 The Construction Manager shall include with the Guaranteed Maximum Price proposal a written statement of its basis, which shall include the following:

.1 A list of the Drawings and Specifications, including all Addenda thereto, and the Conditions of the Contract;

.2 A list of the clarifications and assumptions made by the Construction Manager in the preparation of the Guaranteed Maximum Price proposal, including assumptions under Section 3.2.2;

.3 A statement of the proposed Guaranteed Maximum Price, including a statement of the estimated Cost of the Work organized by trade categories or systems, including allowances; the Construction Manager's contingency set forth in Section 3.2.4; and the Construction Manager's Fee;

.4 The anticipated date of Substantial Completion upon which the proposed Guaranteed Maximum Price is based; and

.5 A date by which the Owner must accept the Guaranteed Maximum Price.

§ 3.2.4 In preparing the Construction Manager's Guaranteed Maximum Price proposal, the Construction Manager shall include a contingency for the Construction Manager's exclusive use to cover those costs that are included in the Guaranteed Maximum Price but not otherwise allocated to another line item or included in a Change Order.

§ 3.2.5 The Construction Manager shall meet with the Owner and Architect to review the Guaranteed Maximum Price proposal. In the event that the Owner or Architect discover any inconsistencies or inaccuracies in the information presented, they shall promptly notify the Construction Manager, who shall make appropriate adjustments to the Guaranteed Maximum Price proposal, its basis, or both.

§ 3.2.6 If the Owner notifies the Construction Manager that the Owner has accepted the Guaranteed Maximum Price proposal in writing before the date specified in the Guaranteed Maximum Price proposal, the Guaranteed Maximum Price proposal shall be deemed effective without further acceptance from the Construction Manager. Following acceptance of a Guaranteed Maximum Price, the Owner and Construction Manager shall execute the Guaranteed Maximum Price Amendment amending this Agreement, a copy of which the Owner shall provide to the Architect. The Guaranteed Maximum Price Amendment shall set forth the agreed upon Guaranteed Maximum Price with the information and assumptions upon which it is based.

§ 3.2.7 The Construction Manager shall not incur any cost to be reimbursed as part of the Cost of the Work prior to the execution of the Guaranteed Maximum Price Amendment, unless the Owner provides prior written authorization for such costs.

§ 3.2.8 The Owner shall authorize preparation of revisions to the Contract Documents that incorporate the agreed-upon assumptions and clarifications contained in the Guaranteed Maximum Price Amendment. The Owner shall promptly furnish such revised Contract Documents to the Construction Manager. The Construction Manager shall notify the Owner and Architect of any inconsistencies between the agreed-upon assumptions and clarifications contained in the Guaranteed Maximum Price Amendment and the revised Contract Documents.

§ 3.2.9 The Construction Manager shall include in the Guaranteed Maximum Price all sales, consumer, use and similar taxes for the Work provided by the Construction Manager that are legally enacted, whether or not yet effective, at the time the Guaranteed Maximum Price Amendment is executed.

§ 3.3 Construction Phase

§ 3.3.1 General

§ 3.3.1.1 For purposes of Section 8.1.2 of A201–2017, the date of commencement of the Work shall mean the date of commencement of the Construction Phase.

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§ 3.3.1.2 The Construction Phase shall commence upon the Owner's execution of the Guaranteed Maximum Price Amendment or, prior to acceptance of the Guaranteed Maximum Price proposal, by written agreement of the parties. The written agreement shall set forth a description of the Work to be performed by the Construction Manager, and any insurance and bond requirements for Work performed prior to execution of the Guaranteed Maximum Price Amendment.

§ 3.3.2 Administration

§ 3.3.2.1 The Construction Manager shall schedule and conduct meetings to discuss such matters as procedures, progress, coordination, scheduling, and status of the Work. The Construction Manager shall prepare and promptly distribute minutes of the meetings to the Owner and Architect.

§ 3.3.2.2 Upon the execution of the Guaranteed Maximum Price Amendment, the Construction Manager shall prepare and submit to the Owner and Architect a construction schedule for the Work and a submittal schedule in accordance with Section 3.10 of A201–2017.

§ 3.3.2.3 Monthly Report

The Construction Manager shall record the progress of the Project. On a monthly basis, or otherwise as agreed to by the Owner, the Construction Manager shall submit written progress reports to the Owner and Architect, showing percentages of completion and other information required by the Owner.

§ 3.3.2.4 Daily Logs

The Construction Manager shall keep, and make available to the Owner and Architect, a daily log containing a record for each day of weather, portions of the Work in progress, number of workers on site, identification of equipment on site, problems that might affect progress of the work, accidents, injuries, and other information required by the Owner.

§ 3.3.2.5 Cost Control

The Construction Manager shall develop a system of cost control for the Work, including regular monitoring of actual costs for activities in progress and estimates for uncompleted tasks and proposed changes. The Construction Manager shall identify variances between actual and estimated costs and report the variances to the Owner and Architect, and shall provide this information in its monthly reports to the Owner and Architect, in accordance with Section 3.3.2.3 above.

ARTICLE 4 OWNER'S RESPONSIBILITIES

§ 4.1 Information and Services Required of the Owner

§ 4.1.1 The Owner shall provide information with reasonable promptness, regarding requirements for and limitations on the Project, including a written program which shall set forth the Owner's objectives, constraints, and criteria, including schedule, space requirements and relationships, flexibility and expandability, special equipment, systems, sustainability and site requirements.

§ 4.1.2 Prior to the execution of the Guaranteed Maximum Price Amendment, the Construction Manager may request in writing that the Owner provide reasonable evidence that the Owner has made financial arrangements to fulfill the Owner's obligations under the Contract. After execution of the Guaranteed Maximum Price Amendment, the Construction Manager may request such information as set forth in A201-2017 Section 2.2.

§ 4.1.3 The Owner shall establish and periodically update the Owner's budget for the Project, including (1) the budget for the Cost of the Work as defined in Article 7, (2) the Owner's other costs, and (3) reasonable contingencies related to all of these costs. If the Owner significantly increases or decreases the Owner's budget for the Cost of the Work, the Owner shall notify the Construction Manager and Architect. The Owner and the Architect, in consultation with the Construction Manager, shall thereafter agree to a corresponding change in the Project's scope and quality.

§ 4.1.4 Structural and Environmental Tests, Surveys and Reports. During the Preconstruction Phase, the Owner shall furnish the following information or services with reasonable promptness. The Owner shall also furnish any other information or services under the Owner's control and relevant to the Construction Manager's performance of the Work with reasonable promptness after receiving the Construction Manager's written request for such information or services. The Construction Manager shall be entitled to rely on the accuracy of information and services furnished by the Owner but shall exercise proper precautions relating to the safe performance of the Work.

§ 4.1.4.1 The Owner shall furnish tests, inspections, and reports, required by law and as otherwise agreed to by the

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parties, such as structural, mechanical, and chemical tests, tests for air and water pollution, and tests for hazardous materials.

§ 4.1.4.2 The Owner shall furnish surveys describing physical characteristics, legal limitations and utility locations for the site of the Project, and a written legal description of the site. The surveys and legal information shall include, as applicable, grades and lines of streets, alleys, pavements and adjoining property and structures; designated wetlands; adjacent drainage; rights-of-way, restrictions, easements, encroachments, zoning, deed restrictions, boundaries and contours of the site; locations, dimensions and other necessary data with respect to existing buildings, other improvements and trees; and information concerning available utility services and lines, both public and private, above and below grade, including inverts and depths. All the information on the survey shall be referenced to a Project benchmark.

§ 4.1.4.3 The Owner, when such services are requested, shall furnish services of geotechnical engineers, which may include test borings, test pits, determinations of soil bearing values, percolation tests, evaluations of hazardous materials, seismic evaluation, ground corrosion tests and resistivity tests, including necessary operations for anticipating subsoil conditions, with written reports and appropriate recommendations.

§ 4.1.5 During the Construction Phase, the Owner shall furnish information or services required of the Owner by the Contract Documents with reasonable promptness. The Owner shall also furnish any other information or services under the Owner's control and relevant to the Construction Manager's performance of the Work with reasonable promptness after receiving the Construction Manager's written request for such information or services.

§ 4.1.6 If the Owner identified a Sustainable Objective in Article 1, the Owner shall fulfill its responsibilities as required in AIA Document E234™–2019, Sustainable Projects Exhibit, Construction Manager as Constructor Edition, attached to this Agreement.

§ 4.2 Owner's Designated Representative

The Owner shall identify a representative authorized to act on behalf of the Owner with respect to the Project. The Owner's representative shall render decisions promptly and furnish information expeditiously, so as to avoid unreasonable delay in the services or Work of the Construction Manager. Except as otherwise provided in Section 4.2.1 of A201–2017, the Architect does not have such authority. The term "Owner" means the Owner or the Owner's authorized representative.

§ 4.2.1 Legal Requirements. The Owner shall furnish all legal, insurance and accounting services, including auditing services, that may be reasonably necessary at any time for the Project to meet the Owner's needs and interests.

§ 4.3 Architect

The Owner shall retain an Architect to provide services, duties and responsibilities as described in AIA Document B133™–2019, Standard Form of Agreement Between Owner and Architect, Construction Manager as Constructor Edition, including any additional services requested by the Construction Manager that are necessary for the Preconstruction and Construction Phase services under this Agreement. The Owner shall provide the Construction Manager with a copy of the scope of services in the executed agreement between the Owner and the Architect, and any further modifications to the Architect's scope of services in the agreement.

ARTICLE 5 COMPENSATION AND PAYMENTS FOR PRECONSTRUCTION PHASE SERVICES

§ 5.1 Compensation

§ 5.1.1 For the Construction Manager's Preconstruction Phase services described in Sections 3.1 and 3.2, the Owner shall compensate the Construction Manager as follows:

(Insert amount of, or basis for, compensation and include a list of reimbursable cost items, as applicable.)

Sixty-nine thousand and seven hundred dollars ($69,700.00)

§ 5.1.2 The hourly billing rates for Preconstruction Phase services of the Construction Manager and the Construction Manager's Consultants and Subcontractors, if any, are set forth below.

(If applicable, attach an exhibit of hourly billing rates or insert them below.)

Does Not Apply

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Individual or Position	Rate

§ 5.1.2.1 Hourly billing rates for Preconstruction Phase services include all costs to be paid or incurred by the Construction Manager, as required by law or collective bargaining agreements, for taxes, insurance, contributions, assessments and benefits and, for personnel not covered by collective bargaining agreements, customary benefits such as sick leave, medical and health benefits, holidays, vacations and pensions, and shall remain unchanged unless the parties execute a Modification.

§ 5.1.3 If the Preconstruction Phase services covered by this Agreement have not been completed within sixteen (16) months of the date of this Agreement, through no fault of the Construction Manager, the Construction Manager's compensation for Preconstruction Phase services shall be equitably adjusted.

§ 5.2 Payments

§ 5.2.1 Unless otherwise agreed, payments for services shall be made monthly in proportion to services performed.

§ 5.2.2 Payments are due and payable upon presentation of the Construction Manager's invoice. Amounts unpaid thirty (30) days after the invoice date shall bear interest at the rate of one percent (1.00%) per month as provided by 50 ILCS 505/4 of the Illinois Local Government Prompt Payment Act.

ARTICLE 6 COMPENSATION FOR CONSTRUCTION PHASE SERVICES

§ 6.1 Contract Sum

§ 6.1.1 The Owner shall pay the Construction Manager the Contract Sum in current funds for the Construction Manager's performance of the Contract after execution of the Guaranteed Maximum Price Amendment. The Contract Sum is the Cost of the Work as defined in Article 7 plus the Construction Manager's Fee.

§ 6.1.2 The Construction Manager's Fee:
(State a lump sum, percentage of Cost of the Work or other provision for determining the Construction Manager's Fee.)

2.95% of the Total Cost of the Work as established in the Final Guaranteed Maximum Price, including any Change Orders. The Percentage Fee listed here will be calculated on all items as defined in "ARTICLE 7 – COST OF THE WORK FOR THE CONSTRUCTION PHASE".

§ 6.1.3 The method of adjustment of the Construction Manager's Fee for changes in the Work:

For Changes in the Work which Increase the Cost of the Work (Add Change Order)	
General Conditions:	5.10%
C.M. Fee	2.95%
TOTAL FEE	**8.05%**

For Changes in the Work which Decrease the Cost of the Work (Credit Change Order)	
General Conditions	0.0%
C.M. Fee	0.0%
TOTAL FEE	**0.0%**

§ 6.1.4 Limitations, if any, on a Subcontractor's overhead and profit for increases in the cost of its portion of the Work:

As per 7.5.1.4 of the A201-2017 General Conditions for this Project.

§ 6.1.5 Rental rates for Construction Manager-owned equipment shall not exceed One Hundred and Ten percent (110.0 %) of the standard rental rate paid at the place of the Project.

§ 6.1.6 Liquidated damages, if any:
(Insert terms and conditions for liquidated damages, if any.)

NONE

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§ 6.1.7 Other:
(Insert provisions for bonus, cost savings or other incentives, if any, that might result in a change to the Contract Sum.)

One hundred percent (100.0%) of any savings under the amount of the Guaranteed Maximum Price remaining after Final Completion of the Work and the Owner's Final Acceptance and Beneficial Occupancy of the Work shall be returned to the Owner. No Shared Savings Incentive is included in this agreement.

§ 6.2 Guaranteed Maximum Price
The Construction Manager guarantees that the Contract Sum shall not exceed the Guaranteed Maximum Price set forth in the Guaranteed Maximum Price Amendment, subject to additions and deductions by Change Order as provided in the Contract Documents. Costs which would cause the Guaranteed Maximum Price to be exceeded shall be paid by the Construction Manager without reimbursement by the Owner.

§ 6.3 Changes in the Work
§ 6.3.1 The Owner may, without invalidating the Contract, order changes in the Work within the general scope of the Contract consisting of additions, deletions or other revisions. The Owner shall issue such changes in writing. The Construction Manager may be entitled to an equitable adjustment in the Contract Time as a result of changes in the Work.

§ 6.3.1.1 The Architect may order minor changes in the Work as provided in Article 7 of AIA Document A201–2017, General Conditions of the Contract for Construction.

§ 6.3.2 Adjustments to the Guaranteed Maximum Price on account of changes in the Work subsequent to the execution of the Guaranteed Maximum Price Amendment may be determined by any of the methods listed in Article 7 of AIA Document A201–2017, General Conditions of the Contract for Construction.

§ 6.3.3 Adjustments to subcontracts awarded on the basis of a stipulated sum shall be determined in accordance with Article 7 of A201–2017, as they refer to "cost" and "fee," and not by Articles 6 and 7 of this Agreement. Adjustments to subcontracts awarded with the Owner's prior written consent on the basis of cost plus a fee shall be calculated in accordance with the terms of those subcontracts.

§ 6.3.4 In calculating adjustments to the Guaranteed Maximum Price, the terms "cost" and "costs" as used in Article 7 of AIA Document A201–2017 shall mean the Cost of the Work as defined in Article 7 of this Agreement and the term "fee" shall mean the Construction Manager's Fee as defined in Section 6.1.2 of this Agreement.

§ 6.3.5 If no specific provision is made in Section 6.1.3 for adjustment of the Construction Manager's Fee in the case of changes in the Work, or if the extent of such changes is such, in the aggregate, that application of the adjustment provisions of Section 6.1.3 will cause substantial inequity to the Owner or Construction Manager, the Construction Manager's Fee shall be equitably adjusted on the same basis that was used to establish the Fee for the original Work, and the Guaranteed Maximum Price shall be adjusted accordingly.

ARTICLE 7 COST OF THE WORK FOR CONSTRUCTION PHASE
§ 7.1 Costs to Be Reimbursed
§ 7.1.1 The term Cost of the Work shall mean costs necessarily incurred by the Construction Manager in the proper performance of the Work. The Cost of the Work shall include only the items set forth in Sections 7.1 through 7.7.

§ 7.1.2 Where, pursuant to the Contract Documents, any cost is subject to the Owner's prior approval, the Construction Manager shall obtain such approval in writing prior to incurring the cost.

§ 7.1.3 Costs shall be at rates not higher than the standard rates paid at the place of the Project, except with prior approval of the Owner.

§ 7.2 Labor Costs
§ 7.2.1 Wages or salaries of construction workers directly employed by the Construction Manager to perform the construction of the Work at the site or, with the Owner's prior approval, at off-site workshops.

§ 7.2.2 Wages or salaries of the Construction Manager's supervisory and administrative personnel when stationed at the site and performing Work, with the Owner's prior approval.

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§ 7.2.2.1 Wages or salaries of the Construction Manager's supervisory and administrative personnel when performing Work and stationed at a location other than the site, but only for that portion of time required for the Work, and limited to the personnel and activities listed below:
(Identify the personnel, type of activity and, if applicable, any agreed upon percentage of time to be devoted to the Work.)

As per Camosy's Fee Proposal General Conditions: The Construction Phase Project Manager is estimated at an average of twenty-four (24) hours per week during construction. This includes all time managing the administrative requirements of the project at the Project Site, at the Camosy home office, travel time to and from the site and any other time and locations related to the management of the project.
Camosy's Field Superintendent is estimated at an average of forty (40) hours per week (full-time). This time will primarily be "on-site", but will also include time directly related to the project but away from the site as may be necessary for activities such as but not limited to, off-site meetings related to the project, securing materials, equipment, tools, or other items related to the work, office time related to the work, etc.

§ 7.2.3 Wages and salaries of the Construction Manager's supervisory or administrative personnel engaged at factories, workshops or while traveling, in expediting the production or transportation of materials or equipment required for the Work, but only for that portion of their time required for the Work.

§ 7.2.4 Costs paid or incurred by the Construction Manager, as required by law or collective bargaining agreements, for taxes, insurance, contributions, assessments and benefits and, for personnel not covered by collective bargaining agreements, customary benefits such as sick leave, medical and health benefits, holidays, vacations and pensions, provided such costs are based on wages and salaries included in the Cost of the Work under Sections 7.2.1 through 7.2.3.

§ 7.2.5 If agreed rates for labor costs, in lieu of actual costs, are provided in this Agreement, the rates shall remain unchanged throughout the duration of this Agreement, unless the parties execute a Modification.

§ 7.3 Subcontract Costs
Payments made by the Construction Manager to Subcontractors in accordance with the requirements of the subcontracts and this Agreement.

§ 7.4 Costs of Materials and Equipment Incorporated in the Completed Construction
§ 7.4.1 Costs, including transportation and storage at the site, of materials and equipment incorporated, or to be incorporated, in the completed construction.

§ 7.4.2 Costs of materials described in the preceding Section 7.4.1 in excess of those actually installed to allow for reasonable waste and spoilage. Unused excess materials, if any, shall become the Owner's property at the completion of the Work or, at the Owner's option, shall be sold by the Construction Manager. Any amounts realized from such sales shall be credited to the Owner as a deduction from the Cost of the Work.

§ 7.5 Costs of Other Materials and Equipment, Temporary Facilities and Related Items
§ 7.5.1 Costs of transportation, storage, installation, dismantling, maintenance, and removal of materials, supplies, temporary facilities, machinery, equipment and hand tools not customarily owned by construction workers that are provided by the Construction Manager at the site and fully consumed in the performance of the Work. Costs of materials, supplies, temporary facilities, machinery, equipment, and tools, that are not fully consumed, shall be based on the cost or value of the item at the time it is first used on the Project site less the value of the item when it is no longer used at the Project site. Costs for items not fully consumed by the Construction Manager shall mean fair market value.

§ 7.5.2 Rental charges for temporary facilities, machinery, equipment, and hand tools not customarily owned by construction workers that are provided by the Construction Manager at the site, and the costs of transportation, installation, dismantling, minor repairs, and removal of such temporary facilities, machinery, equipment, and hand tools. Rates and quantities of equipment owned by the Construction Manager, or a related party as defined in Section 7.8, shall be subject to the Owner's prior approval. The total rental cost of any such equipment may not exceed the purchase price of any comparable item.

§ 7.5.3 Costs of removal of debris from the site of the Work and its proper and legal disposal.

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§ 7.5.4 Costs of the Construction Manager's site office, including general office equipment and supplies.

§ 7.5.5 Costs of materials and equipment suitably stored off the site at a mutually acceptable location, subject to the Owner's prior approval.

§ 7.6 Miscellaneous Costs

§ 7.6.1 Premiums for that portion of insurance and bonds required by the Contract Documents that can be directly attributed to this Contract.

§ 7.6.1.1 Costs for self-insurance, for either full or partial amounts of the coverages required by the Contract Documents, with the Owner's prior approval.

§ 7.6.1.2 Costs for insurance through a captive insurer owned or controlled by the Construction Manager, with the Owner's prior approval.

§ 7.6.2 Sales, use, or similar taxes, imposed by a governmental authority, that are related to the Work and for which the Construction Manager is liable.

§ 7.6.3 Fees and assessments for the building permit, and for other permits, licenses, and inspections, for which the Construction Manager is required by the Contract Documents to pay.

§ 7.6.4 Fees of laboratories for tests required by the Contract Documents; except those related to defective or nonconforming Work for which reimbursement is excluded under Article 13 of AIA Document A201–2017 or by other provisions of the Contract Documents, and which do not fall within the scope of Section 7.7.3.

§ 7.6.5 Royalties and license fees paid for the use of a particular design, process, or product, required by the Contract Documents.

§ 7.6.5.1 The cost of defending suits or claims for infringement of patent rights arising from requirements of the Contract Documents, payments made in accordance with legal judgments against the Construction Manager resulting from such suits or claims, and payments of settlements made with the Owner's consent, unless the Construction Manager had reason to believe that the required design, process, or product was an infringement of a copyright or a patent, and the Construction Manager failed to promptly furnish such information to the Architect as required by Article 3 of AIA Document A201–2017. The costs of legal defenses, judgments, and settlements shall not be included in the Cost of the Work used to calculate the Construction Manager's Fee or subject to the Guaranteed Maximum Price.

§ 7.6.6 Costs for communications services, electronic equipment, and software, directly related to the Work and located at the site, with the Owner's prior approval.

§ 7.6.7 Costs of document reproductions and delivery charges.

§ 7.6.8 Deposits lost for causes other than the Construction Manager's negligence or failure to fulfill a specific responsibility in the Contract Documents.

§ 7.6.9 Legal costs, including attorneys' fees, other than those arising from disputes between the Owner and Construction Manager, reasonably incurred by the Construction Manager after the execution of this Agreement in the performance of the Work and with the Owner's prior approval, which shall not be unreasonably withheld.

§ 7.6.10 Expenses incurred in accordance with the Construction Manager's standard written personnel policy for relocation and temporary living allowances of the Construction Manager's personnel required for the Work, with the Owner's prior approval.

§ 7.6.11 That portion of the reasonable expenses of the Construction Manager's supervisory or administrative personnel incurred while traveling in discharge of duties connected with the Work.

§ 7.7 Other Costs and Emergencies

§ 7.7.1 Other costs incurred in the performance of the Work, with the Owner's prior approval.

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§ 7.7.2 Costs incurred in taking action to prevent threatened damage, injury, or loss, in case of an emergency affecting the safety of persons and property, as provided in Article 10 of AIA Document A201–2017.

§ 7.7.3 Costs of repairing or correcting damaged or nonconforming Work executed by the Construction Manager, Subcontractors, or suppliers, provided that such damaged or nonconforming Work was not caused by the negligence of, or failure to fulfill a specific responsibility by, the Construction Manager, and only to the extent that the cost of repair or correction is not recovered by the Construction Manager from insurance, sureties, Subcontractors, suppliers, or others.

§ 7.7.4 The costs described in Sections 7.1 through 7.7 shall be included in the Cost of the Work, notwithstanding any provision of AIA Document A201–2017 or other Conditions of the Contract which may require the Construction Manager to pay such costs, unless such costs are excluded by the provisions of Section 7.9.

§ 7.8 Related Party Transactions

§ 7.8.1 For purposes of this Section 7.8, the term "related party" shall mean (1) a parent, subsidiary, affiliate, or other entity having common ownership of, or sharing common management with, the Construction Manager; (2) any entity in which any stockholder in, or management employee of, the Construction Manager holds an equity interest in excess of ten percent in the aggregate; (3) any entity which has the right to control the business or affairs of the Construction Manager; or (4) any person, or any member of the immediate family of any person, who has the right to control the business or affairs of the Construction Manager.

§ 7.8.2 If any of the costs to be reimbursed arise from a transaction between the Construction Manager and a related party, the Construction Manager shall notify the Owner of the specific nature of the contemplated transaction, including the identity of the related party and the anticipated cost to be incurred, before any such transaction is consummated or cost incurred. If the Owner, after such notification, authorizes the proposed transaction in writing, then the cost incurred shall be included as a cost to be reimbursed, and the Construction Manager shall procure the Work, equipment, goods, or service, from the related party, as a Subcontractor, according to the terms of Article 9. If the Owner fails to authorize the transaction in writing, the Construction Manager shall procure the Work, equipment, goods, or service from some person or entity other than a related party according to the terms of Article 9.

§ 7.9 Costs Not To Be Reimbursed

§ 7.9.1 The Cost of the Work shall not include the items listed below:

- **.1** Salaries and other compensation of the Construction Manager's personnel stationed at the Construction Manager's principal office or offices other than the site office, except as specifically provided in Section 7.2, or as may be provided in Article 14;
- **.2** Bonuses, profit sharing, incentive compensation, and any other discretionary payments, paid to anyone hired by the Construction Manager or paid to any Subcontractor or vendor, unless the Owner has provided prior approval;
- **.3** Expenses of the Construction Manager's principal office and offices other than the site office;
- **.4** Overhead and general expenses, except as may be expressly included in Sections 7.1 to 7.7;
- **.5** The Construction Manager's capital expenses, including interest on the Construction Manager's capital employed for the Work;
- **.6** Except as provided in Section 7.7.3 of this Agreement, costs due to the negligence of, or failure to fulfill a specific responsibility of the Contract by, the Construction Manager, Subcontractors, and suppliers, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable;
- **.7** Any cost not specifically and expressly described in Sections 7.1 to 7.7;
- **.8** Costs, other than costs included in Change Orders approved by the Owner, that would cause the Guaranteed Maximum Price to be exceeded; and
- **.9** Costs for services incurred during the Preconstruction Phase.

ARTICLE 8 DISCOUNTS, REBATES, AND REFUNDS

§ 8.1 Cash discounts obtained on payments made by the Construction Manager shall accrue to the Owner if (1) before making the payment, the Construction Manager included the amount to be paid, less such discount, in an Application for Payment and received payment from the Owner, or (2) the Owner has deposited funds with the Construction Manager with which to make payments; otherwise, cash discounts shall accrue to the Construction Manager. Trade discounts, rebates, refunds, and amounts received from sales of surplus materials and equipment shall accrue to the Owner, and the Construction Manager shall make provisions so that they can be obtained.

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§ 8.2 Amounts that accrue to the Owner in accordance with the provisions of Section 8.1 shall be credited to the Owner as a deduction from the Cost of the Work.

ARTICLE 9 SUBCONTRACTS AND OTHER AGREEMENTS

§ 9.1 The Construction Manager shall secure the services of the subcontractors on a direct contractual basis. The Subcontractors shall be selected and engaged under a competitive sealed bidding process consistent with the standards and procedures of Illinois law including without limitation the Illinois "Employment of Illinois Workers on Public Works Act." Those portions of the Work that the Construction Manager does not customarily perform with the Construction Manager's own personnel shall be performed under subcontracts or other appropriate agreements with the Construction Manager. The Owner may designate specific persons from whom, or entities from which, the Construction Manager shall obtain bids. The Construction Manager shall obtain bids from Subcontractors, and from suppliers of materials or equipment fabricated especially for the Work, who are qualified to perform that portion of the Work in accordance with the requirements of the Contract Documents. The Construction Manager shall deliver such bids to the Owner with an indication as to which bids the Construction Manager intends to accept. The Owner then has the right to review the Construction Manager's list of proposed subcontractors and suppliers in consultation with the Architect and, subject to Section 9.1.1, to object to any subcontractor or supplier. Any advice or approval of the Owner or advice from the Architect, shall not relieve the Construction Manager of its responsibility to perform the Work in accordance with the Contract Documents. The Construction Manager shall not be required to contract with anyone to whom the Construction Manager has reasonable objection.

§ 9.1.1 When a specific subcontractor or supplier (1) is recommended to the Owner by the Construction Manager; (2) is qualified to perform that portion of the Work; and (3) has submitted a bid that conforms to the requirements of the Contract Documents without reservations or exceptions, then that subcontractor or supplier will be acceptable to the Owner. But if the Owner requires that another bid be accepted because the Owner has reasonably determined that the specific subcontractor or supplier is not as qualified or skilled for the Work as another contractor or supplier known to the Owner, then the Construction Manager must accept that Owner's determination provided that such determination is made before the GMP is established and if the Owner's determination is consistent with Illinois law.

§ 9.2 Subcontracts or other agreements shall conform to the applicable payment provisions of this Agreement, and shall not be awarded on the basis of cost plus a fee without the Owner's prior written approval. If a subcontract is awarded on the basis of cost plus a fee, the Construction Manager shall provide in the subcontract for the Owner to receive the same audit rights with regard to the Subcontractor as the Owner receives with regard to the Construction Manager in Article 10.

ARTICLE 10 ACCOUNTING RECORDS

The Construction Manager shall keep full and detailed records and accounts related to the Cost of the Work, and exercise such controls, as may be necessary for proper financial management under this Contract and to substantiate all costs incurred. The accounting and control systems shall be satisfactory to the Owner. The Owner and the Owner's auditors shall, during regular business hours and upon reasonable notice, be afforded access to, and shall be permitted to audit and copy, the Construction Manager's records and accounts, including complete documentation supporting accounting entries, books, job cost reports, correspondence, instructions, drawings, receipts, subcontracts, Subcontractor's proposals, Subcontractor's invoices, purchase orders, vouchers, memoranda, and other data relating to this Contract. The Construction Manager shall preserve these records for a period of three years after final payment, or for such longer period as may be required by law.

ARTICLE 11 PAYMENTS FOR CONSTRUCTION PHASE SERVICES

§ 11.1 Progress Payments

§ 11.1.1 Based upon Applications for Payment submitted to the Architect by the Construction Manager, and Certificates for Payment issued by the Architect, the Owner shall make progress payments on account of the Contract Sum, to the Construction Manager, as provided below and elsewhere in the Contract Documents.

§ 11.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows:

§ 11.1.3 Provided that an Application for Payment is received by the Architect not later than the 25th day of a month, the Owner shall make payment of the amount certified to the Construction Manager not later than the 25th day of

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the following month. If an Application for Payment is received by the Architect after the application date fixed above, payment of the amount certified shall be made by the Owner not later than (30) days after the Architect receives the Application for Payment.
(Federal, state or local laws may require payment within a certain period of time.)

§ 11.1.4 With each Application for Payment, the Construction Manager shall submit payrolls, petty cash accounts, receipted invoices or invoices with check vouchers attached, and any other evidence required by the Owner or Architect to demonstrate that payments already made by the Construction Manager on account of the Cost of the Work equal or exceed progress payments already received by the Construction Manager, plus payrolls for the period covered by the present Application for Payment, less that portion of the progress payments attributable to the Construction Manager's Fee.

§ 11.1.5 Each Application for Payment shall be based on the most recent schedule of values submitted by the Construction Manager in accordance with the Contract Documents. The schedule of values shall allocate the entire Guaranteed Maximum Price among: (1) the various portions of the Work; (2) any contingency for costs that are included in the Guaranteed Maximum Price but not otherwise allocated to another line item or included in a Change Order; and (3) the Construction Manager's Fee.

§ 11.1.5.1 The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Architect may require. The schedule of values shall be used as a basis for reviewing the Construction Manager's Applications for Payment.

§ 11.1.5.2 The allocation of the Guaranteed Maximum Price under this Section 11.1.5 shall not constitute a separate guaranteed maximum price for the Cost of the Work of each individual line item in the schedule of values.

§ 11.1.5.3 When the Construction Manager allocates costs from a contingency to another line item in the schedule of values, the Construction Manager shall submit supporting documentation to the Architect.

§ 11.1.6 Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment. The percentage of completion shall be the lesser of (1) the percentage of that portion of the Work which has actually been completed, or (2) the percentage obtained by dividing (a) the expense that has actually been incurred by the Construction Manager on account of that portion of the Work and for which the Construction Manager has made payment or intends to make payment prior to the next Application for Payment, by (b) the share of the Guaranteed Maximum Price allocated to that portion of the Work in the schedule of values.

§ 11.1.7 In accordance with AIA Document A201–2017 and subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

§ 11.1.7.1 The amount of each progress payment shall first include:

- **.1** That portion of the Guaranteed Maximum Price properly allocable to completed Work as determined by multiplying the percentage of completion of each portion of the Work by the share of the Guaranteed Maximum Price allocated to that portion of the Work in the most recent schedule of values;
- **.2** That portion of the Guaranteed Maximum Price properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction or, if approved in writing in advance by the Owner, suitably stored off the site at a location agreed upon in writing;
- **.3** That portion of Construction Change Directives that the Architect determines, in the Architect's professional judgment, to be reasonably justified; and
- **.4** The Construction Manager's Fee, computed upon the Cost of the Work described in the preceding Sections 11.1.7.1.1 and 11.1.7.1.2 at the rate stated in Section 6.1.2 or, if the Construction Manager's Fee is stated as a fixed sum in that Section, an amount that bears the same ratio to that fixed-sum fee as the Cost of the Work included in Sections 11.1.7.1.1 and 11.1.7.1.2 bears to a reasonable estimate of the probable Cost of the Work upon its completion.

§ 11.1.7.2 The amount of each progress payment shall then be reduced by:

- **.1** The aggregate of any amounts previously paid by the Owner;
- **.2** The amount, if any, for Work that remains uncorrected and for which the Architect has previously withheld a Certificate for Payment as provided in Article 9 of AIA Document A201–2017;
- **.3** Any amount for which the Construction Manager does not intend to pay a Subcontractor or material

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supplier, unless the Work has been performed by others the Construction Manager intends to pay;

.4 For Work performed or defects discovered since the last payment application, any amount for which the Architect may withhold payment, or nullify a Certificate of Payment in whole or in part, as provided in Article 9 of AIA Document A201–2017;

.5 The shortfall, if any, indicated by the Construction Manager in the documentation required by Section 11.1.4 to substantiate prior Applications for Payment, or resulting from errors subsequently discovered by the Owner's auditors in such documentation; and

.6 Retainage withheld pursuant to Section 11.1.8.

§ 11.1.8 Retainage

§ 11.1.8.1 For each progress payment made prior to Substantial Completion of the Work, the Owner may withhold the following amount, as retainage, from the payment otherwise due:
(Insert a percentage or amount to be withheld as retainage from each Application for Payment. The amount of retainage may be limited by governing law.)

Ten percent (10.0%) including trade work performed by the Construction Manager.

§ 11.1.8.1.1 The following items are not subject to retainage:
(Insert any items not subject to the withholding of retainage, such as general conditions, insurance, etc.)

Preconstruction Phase Fee, Permits if paid for by the Construction Manager, all Bonds, Insurance Costs related to the Project, General Conditions costs, Construction Manager's Fee, and other project fixed costs and fees.

§ 11.1.8.2 Reduction or limitation of retainage, if any, shall be as follows:
(If the retainage established in Section 11.1.8.1 is to be modified prior to Substantial Completion of the entire Work, insert provisions for such modification.)

§ 11.1.8.3 Except as set forth in this Section 11.1.8.3, upon Substantial Completion of the Work, the Construction Manager may submit an Application for Payment that includes the retainage withheld from prior Applications for Payment pursuant to this Section 11.1.8. The Application for Payment submitted at Substantial Completion shall not include retainage as follows:
(Insert any other conditions for release of retainage, such as upon completion of the Owner's audit and reconciliation, upon Substantial Completion.)

Upon Substantial Completion, and with the Owner's prior written approval, retainage may be reduced to five percent (5.0%) for subcontracted and the Construction Manager's self-performed trade work.

§ 11.1.9 If final completion of the Work is materially delayed through no fault of the Construction Manager, the Owner shall pay the Construction Manager any additional amounts in accordance with Article 9 of AIA Document A201–2017.

§ 11.1.10 Except with the Owner's prior written approval, the Construction Manager shall not make advance payments to suppliers for materials or equipment which have not been delivered and suitably stored at the site.

§ 11.1.11 The Owner and the Construction Manager shall agree upon a mutually acceptable procedure for review and approval of payments to Subcontractors, and the percentage of retainage held on Subcontracts, and the Construction Manager shall execute subcontracts in accordance with those agreements.

§ 11.1.12 In taking action on the Construction Manager's Applications for Payment the Architect shall be entitled to rely on the accuracy and completeness of the information furnished by the Construction Manager, and such action shall not be deemed to be a representation that (1) the Architect has made a detailed examination, audit, or arithmetic verification, of the documentation submitted in accordance with Section 11.1.4 or other supporting data; (2) that the Architect has made exhaustive or continuous on-site inspections; or (3) that the Architect has made examinations to ascertain how or for what purposes the Construction Manager has used amounts previously paid on account of the Contract. Such examinations, audits, and verifications, if required by the Owner, will be performed by the Owner's auditors acting in the sole interest of the Owner.

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§ 11.2 Final Payment

§ 11.2.1 Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Construction Manager when

.1 the Construction Manager has fully performed the Contract, except for the Construction Manager's responsibility to correct Work as provided in Article 12 of AIA Document A201–2017, and to satisfy other requirements, if any, which extend beyond final payment;

.2 the Construction Manager has submitted a final accounting for the Cost of the Work and a final Application for Payment; and

.3 a final Certificate for Payment has been issued by the Architect in accordance with Section 11.2.2.2.

§ 11.2.2 Within 30 days of the Owner's receipt of the Construction Manager's final accounting for the Cost of the Work, the Owner shall conduct an audit of the Cost of the Work or notify the Architect that it will not conduct an audit.

§ 11.2.2.1 If the Owner conducts an audit of the Cost of the Work, the Owner shall, within 10 days after completion of the audit, submit a written report based upon the auditors' findings to the Architect.

§ 11.2.2.2 Within seven days after receipt of the written report described in Section 11.2.2.1, or receipt of notice that the Owner will not conduct an audit, and provided that the other conditions of Section 11.2.1 have been met, the Architect will either issue to the Owner a final Certificate for Payment with a copy to the Construction Manager, or notify the Construction Manager and Owner in writing of the Architect's reasons for withholding a certificate as provided in Article 9 of AIA Document A201–2017. The time periods stated in this Section 11.2.2 supersede those stated in Article 9 of AIA Document A201–2017. The Architect is not responsible for verifying the accuracy of the Construction Manager's final accounting.

§ 11.2.2.3 If the Owner's auditors' report concludes that the Cost of the Work, as substantiated by the Construction Manager's final accounting, is less than claimed by the Construction Manager, the Construction Manager shall be entitled to appeal the report to the Owner's City Manager without seeking an initial decision pursuant to Article 15 of AIA Document A201–2017. A request for appeal shall be made by the Construction Manager within 30 days after the Construction Manager's receipt of a copy of the Architect's final Certificate for Payment.

§ 11.2.3 The Owner's final payment to the Construction Manager shall be made no later than 30 days after the issuance of the Architect's final Certificate for Payment, or as follows:

§ 11.2.4 If, subsequent to final payment, and at the Owner's request, the Construction Manager incurs costs, described in Sections 7.1 through 7.7, and not excluded by Section 7.9, to correct defective or nonconforming Work, the Owner shall reimburse the Construction Manager for such costs, and the Construction Manager's Fee applicable thereto, on the same basis as if such costs had been incurred prior to final payment, but not in excess of the Guaranteed Maximum Price. If adjustments to the Contract Sum are provided for in Section 6.1.7, the amount of those adjustments shall be recalculated, taking into account any reimbursements made pursuant to this Section 11.2.4 in determining the net amount to be paid by the Owner to the Construction Manager.

§ 11.3 Interest

Payments due and unpaid under the Contract shall bear interest from the date payment is due at the rate of one percent (1.00%) per month as provided by 50 ILCS 505/4 of the Illinois Local Government Prompt Payment Act.

ARTICLE 12 DISPUTE RESOLUTION

§ 12.1 Initial Decision Maker

§ 12.1.1 Any Claim between the Owner and Construction Manager shall be resolved in accordance with the provisions set forth in this Article 12 and Article 15 of A201–2017. However, for Claims arising from or relating to the Construction Manager's Preconstruction Phase services, no decision by the Initial Decision Maker shall be required as a condition precedent to third-party resolution, and Section 12.1.2 of this Agreement shall not apply.

§ 12.1.2 The Architect will serve as the Initial Decision Maker pursuant to Article 15 of AIA Document A201–2017 for Claims arising from or relating to the Construction Manager's Construction Phase services, unless the parties appoint below another individual, not a party to the Agreement, to serve as the Initial Decision Maker.

(If the parties mutually agree, insert the name, address and other contact information of the Initial Decision Maker, if

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other than the Architect.)

N/A

§ 12.2 Binding Dispute Resolution
Any Claim will be litigated in an Illinois state court with jurisdiction.

ARTICLE 13 TERMINATION OR SUSPENSION
§ 13.1 Termination Prior to Execution of the Guaranteed Maximum Price Amendment
§ 13.1.1 If the Owner and the Construction Manager do not reach an agreement on the Guaranteed Maximum Price, the Owner may terminate this Agreement upon not less than seven days' written notice to the Construction Manager, and the Construction Manager may terminate this Agreement, upon not less than seven days' written notice to the Owner.

§ 13.1.2 In the event of termination of this Agreement pursuant to Section 13.1.1, the Construction Manager shall be compensated for Preconstruction Phase services and Work performed prior to receipt of a notice of termination, in accordance with the terms of this Agreement. In no event shall the Construction Manager's compensation under this Section exceed the compensation set forth in Section 5.1.

§ 13.1.3 Prior to the execution of the Guaranteed Maximum Price Amendment, the Owner may terminate this Agreement upon not less than seven days' written notice to the Construction Manager for the Owner's convenience and without cause, and the Construction Manager may terminate this Agreement, upon not less than seven days' written notice to the Owner, for the reasons set forth in Article 14 of A201–2017.

§ 13.1.4 In the event of termination of this Agreement pursuant to Section 13.1.3, the Construction Manager shall be equitably compensated for Preconstruction Phase services and Work performed prior to receipt of a notice of termination. In no event shall the Construction Manager's compensation under this Section exceed the compensation set forth in Section 5.1.

§ 13.1.5 If the Owner terminates the Contract pursuant to Section 13.1.3 after the commencement of the Construction Phase but prior to the execution of the Guaranteed Maximum Price Amendment, the Owner shall pay to the Construction Manager an amount calculated as follows, which amount shall be in addition to any compensation paid to the Construction Manager under Section 13.1.4:

.1 Take the Cost of the Work incurred by the Construction Manager to the date of termination;

.2 Add the Construction Manager's Fee computed upon the Cost of the Work to the date of termination at the rate stated in Section 6.1 or, if the Construction Manager's Fee is stated as a fixed sum in that Section, an amount that bears the same ratio to that fixed-sum Fee as the Cost of the Work at the time of termination bears to a reasonable estimate of the probable Cost of the Work upon its completion; and

.3 Subtract the aggregate of previous payments made by the Owner for Construction Phase services.

§ 13.1.6 The Owner shall also pay the Construction Manager fair compensation, either by purchase or rental at the election of the Owner, for any equipment owned by the Construction Manager that the Owner elects to retain and that is not otherwise included in the Cost of the Work under Section 13.1.5.1. To the extent that the Owner elects to take legal assignment of subcontracts and purchase orders (including rental agreements), the Construction Manager shall, as a condition of receiving the payments referred to in this Article 13, execute and deliver all such papers and take all such steps, including the legal assignment of such subcontracts and other contractual rights of the Construction Manager, as the Owner may require for the purpose of fully vesting in the Owner the rights and benefits of the Construction Manager under such subcontracts or purchase orders. All Subcontracts, purchase orders and rental agreements entered into by the Construction Manager will contain provisions allowing for assignment to the Owner as described above.

§ 13.1.6.1 If the Owner accepts assignment of subcontracts, purchase orders or rental agreements as described above, the Owner will reimburse or indemnify the Construction Manager for all costs arising under the subcontract, purchase order or rental agreement, if those costs would have been reimbursable as Cost of the Work if the contract had not been terminated. If the Owner chooses not to accept assignment of any subcontract, purchase order or rental agreement that would have constituted a Cost of the Work had this agreement not been terminated, the Construction Manager will

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terminate the subcontract, purchase order or rental agreement and the Owner will pay the Construction Manager the costs necessarily incurred by the Construction Manager because of such termination.

§ 13.2 Termination or Suspension Following Execution of the Guaranteed Maximum Price Amendment

§ 13.2.1 Termination

The Contract may be terminated by the Owner or the Construction Manager as provided in Article 14 of AIA Document A201–2017.

§ 13.2.2 Termination by the Owner for Cause

§ 13.2.2.1 If the Owner terminates the Contract for cause as provided in Article 14 of AIA Document A201–2017, the amount, if any, to be paid to the Construction Manager under Article 14 of AIA Document A201–2017 shall not cause the Guaranteed Maximum Price to be exceeded, nor shall it exceed an amount calculated as follows:

.1 Take the Cost of the Work incurred by the Construction Manager to the date of termination;

.2 Add the Construction Manager's Fee, computed upon the Cost of the Work to the date of termination at the rate stated in Section 6.1 or, if the Construction Manager' Fee is stated as a fixed sum in that Section, an amount that bears the same ratio to that fixed-sum Fee as the Cost of the Work at the time of termination bears to a reasonable estimate of the probable Cost of the Work upon its completion;

.3 Subtract the aggregate of previous payments made by the Owner; and

.4 Subtract the costs and damages incurred, or to be incurred, by the Owner under Article 14 of AIA Document A201–2017.

§ 13.2.2.2 The Owner shall also pay the Construction Manager fair compensation, either by purchase or rental at the election of the Owner, for any equipment owned by the Construction Manager that the Owner elects to retain and that is not otherwise included in the Cost of the Work under Section 13.2.2.1.1. To the extent that the Owner elects to take legal assignment of subcontracts and purchase orders (including rental agreements), the Construction Manager shall, as a condition of receiving the payments referred to in this Article 13, execute and deliver all such papers and take all such steps, including the legal assignment of such subcontracts and other contractual rights of the Construction Manager, as the Owner may require for the purpose of fully vesting in the Owner the rights and benefits of the Construction Manager under such subcontracts or purchase orders.

§ 13.2.3 Termination by the Owner for Convenience

If the Owner terminates the Contract for convenience in accordance with Article 14 of AIA Document A201–2017, then the Owner shall pay the Construction Manager a termination fee as follows:

(Insert the amount of or method for determining the fee, if any, payable to the Construction Manager following a termination for the Owner's convenience.)

§ 13.3 Suspension

The Work may be suspended by the Owner as provided in Article 14 of AIA Document A201–2017; in such case, the Guaranteed Maximum Price and Contract Time shall be increased as provided in Article 14 of AIA Document A201–2017, except that the term "profit" shall be understood to mean the Construction Manager's Fee as described in Sections 6.1 and 6.3.5 of this Agreement.

ARTICLE 14 MISCELLANEOUS PROVISIONS

§ 14.1 Terms in this Agreement shall have the same meaning as those in A201–2017. Where reference is made in this Agreement to a provision of AIA Document A201–2017 or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

§ 14.2 Successors and Assigns

§ 14.2.1 The Owner and Construction Manager, respectively, bind themselves, their partners, successors, assigns and legal representatives to covenants, agreements, and obligations contained in the Contract Documents. Except as provided in Section 14.2.2 of this Agreement, and in Section 13.2.2 of A201–2017, neither party to the Contract shall assign the Contract as a whole without written consent of the other. If either party attempts to make an assignment without such consent, that party shall nevertheless remain legally responsible for all obligations under the Contract.

§ 14.2.2 The Owner may, without consent of the Construction Manager, assign the Contract to a lender providing construction financing for the Project, if the lender assumes the Owner's rights and obligations under the Contract

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Documents. The Construction Manager shall execute all consents reasonably required to facilitate the assignment.

§ 14.3 Insurance and Bonds

§ 14.3.1 Preconstruction Phase

The Construction Manager shall maintain the following insurance for the duration of the Preconstruction Services performed under this Agreement. If any of the requirements set forth below exceed the types and limits the Construction Manager normally maintains, the Owner shall reimburse the Construction Manager for any additional cost.

§ 14.3.1.1 Commercial General Liability with policy limits of not less than two million dollars ($ 2,000,000) for each occurrence and four million dollars ($ 4,000,000) in the aggregate for bodily injury and property damage.

§ 14.3.1.2 Automobile Liability covering vehicles owned, and non-owned vehicles used, by the Construction Manager with policy limits of not less than two million dollars ($ 2,000,000) per accident for bodily injury, death of any person, and property damage arising out of the ownership, maintenance and use of those motor vehicles, along with any other statutorily required automobile coverage.

§ 14.3.1.3 The Construction Manager may achieve the required limits and coverage for Commercial General Liability and Automobile Liability through a combination of primary and excess or umbrella liability insurance, provided that such primary and excess or umbrella liability insurance policies result in the same or greater coverage as the coverages required under Sections 14.3.1.1 and 14.3.1.2, and in no event shall any excess or umbrella liability insurance provide narrower coverage than the primary policy. The excess policy shall not require the exhaustion of the underlying limits only through the actual payment by the underlying insurers.

§ 14.3.1.4 Workers' Compensation at statutory limits and Employers Liability with policy limits not less than one million dollars ($ 1,000,000) each accident, one million dollars ($ 1,000,000) each employee, and one million dollars ($ 1,000,000) policy limit.

§ 14.3.1.5 Professional Liability covering negligent acts, errors and omissions in the performance of professional services, with policy limits of not less than two million dollars ($ 2,000,000) per claim and two million dollars ($ 2,000,000) in the aggregate.

§ 14.3.1.6 Other Insurance

(List below any other insurance coverage to be provided by the Construction Manager and any applicable limits.)

Coverage	Limits

§ 14.3.1.7 Additional Insured Obligations. To the fullest extent permitted by law, the Construction Manager shall cause the primary and excess or umbrella policies for Commercial General Liability and Automobile Liability to include the Owner as an additional insured for claims caused in whole or in part by the Construction Manager's negligent acts or omissions. The additional insured coverage shall be primary and non-contributory to any of the Owner's insurance policies and shall apply to both ongoing and completed operations.

§ 14.3.1.8 The Construction Manager shall provide certificates of insurance to the Owner that evidence compliance with the requirements in this Section 14.3.1.

§ 14.3.2 Construction Phase

After execution of the Guaranteed Maximum Price Amendment, the Owner and the Construction Manager shall purchase and maintain insurance as set forth in AIA Document A133™–2019, Standard Form of Agreement Between Owner and Construction Manager as Constructor where the basis of payment is the Cost of the Work Plus a Fee with a Guaranteed Maximum Price, Exhibit B, Insurance and Bonds, and elsewhere in the Contract Documents.

§ 14.3.2.1 The Construction Manager shall provide bonds as set forth in AIA Document A133™–2019 Exhibit B, and elsewhere in the Contract Documents.

§ 14.4 Notice in electronic format, pursuant to Article 1 of AIA Document A201–2017, may be given in accordance with a building information modeling exhibit, if completed, or as otherwise set forth below:

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(If other than in accordance with a building information modeling exhibit, insert requirements for delivering notice in electronic format such as name, title, and email address of the recipient and whether and how the system will be required to generate a read receipt for the transmission.)

§ 14.5 Other provisions:

ARTICLE 15 SCOPE OF THE AGREEMENT

§ 15.1 This Agreement represents the entire and integrated agreement between the Owner and the Construction Manager and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both Owner and Construction Manager.

§ 15.2 The following documents comprise the Agreement:

.1 AIA Document A133™–2019, Standard Form of Agreement Between Owner and Construction Manager as Constructor where the basis of payment is the Cost of the Work Plus a Fee with a Guaranteed Maximum Price

.2 AIA Document A133™-2019, Exhibit A, Guaranteed Maximum Price Amendment, if executed

.3 AIA Document A133™–2019, Exhibit B, Insurance and Bonds

.4 AIA Document A201™–2017, General Conditions of the Contract for Construction

.5 Building Information Modeling Exhibit, if completed:

.6 Other Exhibits:
(Check all boxes that apply.)

[ ] AIA Document E234™–2019, Sustainable Projects Exhibit, Construction Manager as Constructor Edition, dated as indicated below:
(Insert the date of the E234-2019 incorporated into this Agreement.)

[ ] Supplementary and other Conditions of the Contract:

Document	Title	Date	Pages

.7 Other documents, if any, listed below:
(List here any additional documents that are intended to form part of the Contract Documents. AIA Document A201–2017 provides that the advertisement or invitation to bid, Instructions to Bidders, sample forms, the Construction Manager's bid or proposal, portions of Addenda relating to bidding or proposal requirements, and other information furnished by the Owner in anticipation of receiving bids or proposals, are not part of the Contract Documents unless enumerated in this Agreement. Any such documents should be listed here only if intended to be part of the Contract Documents.)

This Agreement is entered into as of the day and year first written above.

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OWNER *(Signature)*

(Printed name and title)

CONSTRUCTION MANAGER *(Signature)*

(Printed name and title)



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AIA® Document A201® – 2017

General Conditions of the Contract for Construction

P for the following PROJECT:
(Name and location or address)

City of Highland Park Public Services Center & Fire Station 34

THE OWNER:
(Name, legal status and address)

City of Highland Park
1707 St. Johns Avenue
Highland Park, IL 60035

THE ARCHITECT:
(Name, legal status and address)

Williams Architects
One Pierce Place, Suite 550W
Itasca, IL 60143

TABLE OF ARTICLES

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ARTICLE 1 GENERAL PROVISIONS

§ 1.1 Basic Definitions

§ 1.1.1 The Contract Documents

The Contract Documents are enumerated in the Agreement between the Owner and Contractor (hereinafter the Agreement) and consist of the Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Project Manual, Addenda issued prior to execution of the Contract, other documents listed in the Agreement, and Modifications issued after execution of the Contract. A Modification is (1) a written amendment to the Contract signed by both parties, (2) a Change Order, (3) a Construction Change Directive, or (4) a written order for a minor change in the Work issued by the Architect. Unless specifically enumerated in the Agreement, the Contract Documents do not include the advertisement or invitation to bid, Instructions to Bidders, sample forms, other information furnished by the Owner in anticipation of receiving bids or proposals, the Contractor's bid or proposal, or portions of Addenda relating to bidding or proposal requirements.

§ 1.1.2 The Contract

The Contract Documents form the Contract for Construction. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations, or agreements, either written or oral. The Contract may be amended or modified only by a Modification. The Contract Documents shall not be construed to create a contractual relationship of any kind (1) between the Contractor and the Architect or the Architect's consultants, (2) between the Owner and a Subcontractor or a Sub-subcontractor, (3) between the Owner and the Architect or the Architect's consultants, or (4) between any persons or entities other than the Owner and the Contractor. The Architect shall, however, be entitled to performance and enforcement of obligations under the Contract intended to facilitate performance of the Architect's duties.

§ 1.1.3 The Work

The term "Work" means the construction and services required by the Contract Documents, whether completed or partially completed, and includes all other labor, materials, equipment, and services provided or to be provided by the Contractor to fulfill the Contractor's obligations. The Work may constitute the whole or a part of the Project.

§ 1.1.4 The Project

The Project is the total construction of which the Work performed under the Contract Documents may be the whole or a part and which may include construction by the Owner and by Separate Contractors.

§ 1.1.5 The Drawings

The Drawings are the graphic and pictorial portions of the Contract Documents showing the design, location and dimensions of the Work, generally including plans, elevations, sections, details, schedules, and diagrams.

§ 1.1.6 The Specifications

The Specifications are that portion of the Contract Documents consisting of the written requirements for materials, equipment, systems, standards and workmanship for the Work, and performance of related services.

§ 1.1.7 Instruments of Service

Instruments of Service are representations, in any medium of expression now known or later developed, of the tangible and intangible creative work performed by the Architect and the Architect's consultants under their respective professional services agreements. Instruments of Service may include, without limitation, studies, surveys, models, sketches, drawings, specifications, and other similar materials.

§ 1.1.8 Initial Decision Maker

The Initial Decision Maker is the person identified in the Agreement to render initial decisions on Claims in accordance with Section 15.2. The Initial Decision Maker shall not show partiality to the Owner or Contractor and shall not be liable for results of interpretations or decisions rendered in good faith.

§1.1.9 PRODUCT

The term "product" as used in the Contract Documents includes materials, systems and equipment.

§1.1.10 PROVIDE

Where the word "provide" appears, it shall be taken and interpreted to mean "The Contractor shall furnish all labor,

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material, equipment and accessory appurtenances or materials necessary to install"

§ 1.1.11 The term "Contractor" as used herein shall refer to the Construction Manager at Risk.

§ 1.2 Correlation and Intent of the Contract Documents

§ 1.2.1 The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work by the Contractor and items reasonably inferable therefrom The Contract Documents are complementary, and what is required by one shall be as binding as if required by all.

§ 1.2.1.1 The invalidity of any provision of the Contract Documents shall not invalidate the Contract or its remaining provisions. If it is determined that any provision of the Contract Documents violates any law, or is otherwise invalid or unenforceable, then that provision shall be revised to the extent necessary to make that provision legal and enforceable. In such case the Contract Documents shall be construed, to the fullest extent permitted by law, to give effect to the parties' intentions and purposes in executing the Contract.

§ 1.2.1.2 Where conflicts exist within or between parts of the Contract Documents, or between the Contract Documents and applicable standards, codes and ordinances, the Contractor shall seek a clarification in writing from the Architect. In the event that the Architect does not respond within fourteen (14) days, the more stringent or higher quality or greater quantity requirements shall apply.

§ 1.2.1.3 In the event of a conflict between large-scale drawings and small-scale drawings, or figured dimensions over scaled dimensions and noted materials over graphic representations, the Contractor shall seek a clarification in writing from the Architect. Words in singular shall include a plural whenever applicable, or the context so indicates. All dimensions shall be checked against field measurements of existing conditions to be taken by the Contractor.

§ 1.2.2 Organization of the Specifications into divisions, sections and articles, and arrangement of Drawings shall not control the Contractor in dividing the Work among Subcontractors or in establishing the extent of Work to be performed by any trade.

§ 1.2.3 Unless otherwise stated in the Contract Documents, words that have well-known technical or construction industry meanings are used in the Contract Documents in accordance with such recognized meanings.

§ 1.2.4 Should discrepancies appear among the Contract Documents and existing conditions, the Contractor shall request an interpretation from the Architect . If the Contractor fails to make such request, the Architect shall determine which of the conflicting requirements will govern. The Contractor shall perform the Work at no additional cost to the Owner in accordance with the Architect's determination.

§ 1.3 Capitalization

Terms capitalized in these General Conditions include those that are (1) specifically defined, (2) the titles of numbered articles, or (3) the titles of other documents published by the American Institute of Architects.

§ 1.4 Interpretation

In the interest of brevity the Contract Documents frequently omit modifying words such as "all" and "any" and articles such as "the" and "an," but the fact that a modifier or an article is absent from one statement and appears in another is not intended to affect the interpretation of either statement. The descriptive headings of this Agreement are inserted for convenience only and shall not control or affect the meaning or construction of any provisions following them.

§ 1.5 Ownership and Use of Drawings, Specifications, and Other Instruments of Service

§ 1.5.1 The Architect and the Architect's consultants shall be deemed the authors and owners of their respective Instruments of Service, including the Drawings and Specifications, and retain all common law, statutory, and other reserved rights in their Instruments of Service, including copyrights. The Contractor, Subcontractors, Sub-subcontractors, and suppliers shall not own or claim a copyright in the Instruments of Service. Submittal or distribution to meet official regulatory requirements or for other purposes in connection with the Project is not to be construed as publication in derogation of the Architect's or Architect's consultants' reserved rights.

§ 1.5.2 The Contractor, Subcontractors, Sub-subcontractors, and suppliers are authorized to use and reproduce the Instruments of Service provided to them, subject to any protocols established pursuant to Sections 1.7 and 1.8, solely and exclusively for execution of the Work. All copies made under this authorization shall bear the copyright notice, if any, shown on the Instruments of Service. The Contractor, Subcontractors, Sub-subcontractors, and suppliers may not use the Instruments of Service on other projects or for additions to the Project outside the scope of the Work without the specific written consent of the Owner, Architect, and the Architect's consultants.

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§ 1.6 Notice

§ 1.6.1 Except as otherwise provided in Section 1.6.2, where the Contract Documents require one party to notify or give notice to the other party, such notice shall be provided in writing to the designated representative of the party to whom the notice is addressed and shall be deemed to have been duly served if delivered in person, by mail, by courier, or by electronic transmission if a method for electronic transmission is set forth in the Agreement.

§ 1.6.2 Notice of Claims as provided in Section 15.1.3 shall be provided in writing and shall be deemed to have been duly served only if delivered to the designated representative of the party to whom the notice is addressed by certified or registered mail, or by courier providing proof of delivery.

§ 1.7 Digital Data Use and Transmission

The parties shall agree upon protocols governing the transmission and use of Instruments of Service or any other information or documentation in digital form. The parties will use AIA Document E203™–2013, Building Information Modeling and Digital Data Exhibit, to establish the protocols for the development, use, transmission, and exchange of digital data.

§ 1.8 Building Information Models Use and Reliance

Any use of, or reliance on, all or a portion of a building information model without agreement to protocols governing the use of, and reliance on, the information contained in the model and without having those protocols set forth in AIA Document E203™–2013, Building Information Modeling and Digital Data Exhibit, and the requisite AIA Document G202™–2013, Project Building Information Modeling Protocol Form, shall be at the using or relying party's sole risk and without liability to the other party and its contractors or consultants, the authors of, or contributors to, the building information model, and each of their agents and employees.

ARTICLE 2 OWNER

§ 2.1 General

§ 2.1.1 The Owner is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The Owner shall designate in writing a representative who shall have express authority to bind the Owner with respect to all matters requiring the Owner's approval or authorization. Except as otherwise provided in Section 4.2.1, the Architect does not have such authority. The term "Owner" means the Owner or the Owner's authorized representative.

§ 2.1.2 The Owner shall furnish to the Contractor, within fifteen days after receipt of a written request, information necessary and relevant for the Contractor to evaluate, give notice of, or enforce mechanic's lien rights. Such information shall include a correct statement of the record legal title to the property on which the Project is located, usually referred to as the site, and the Owner's interest therein.

§ 2.2 Evidence of the Owner's Financial Arrangements

§ 2.2.1 Intentionally Deleted.

§ 2.2.2 Intentionally Deleted.

§ 2.2.3 After the Owner furnishes evidence of financial arrangements under this Section 2.2, the Owner shall not materially vary such financial arrangements without prior notice to the Contractor.

§ 2.2.4 Where the Owner has designated information furnished under this Section 2.2 as "confidential," the Contractor shall keep the information confidential and shall not disclose it to any other person. However, the Contractor may disclose "confidential" information, after seven (7) days' notice to the Owner, where disclosure is required by law, including a subpoena or other form of compulsory legal process issued by a court or governmental entity, or by court or arbitrator(s) order. The Contractor may also disclose "confidential" information to its employees, consultants, sureties, Subcontractors and their employees, Sub-subcontractors, and others who need to know the content of such information solely and exclusively for the Project and who agree to maintain the confidentiality of such information.

§ 2.3 Information and Services Required of the Owner

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§ 2.3.1 The Owner shall secure and pay for necessary approvals, easements, assessments and charges required for construction, use or occupancy of permanent structures or for permanent changes in existing facilities.

§ 2.3.2 The Owner shall retain an architect lawfully licensed to practice architecture, or an entity lawfully practicing architecture, in the jurisdiction where the Project is located. That person or entity is identified as the Architect in the Agreement and is referred to throughout the Contract Documents as if singular in number.

§ 2.3.3 If the employment of the Architect terminates, the Owner shall employ a successor to whom the Contractor has no reasonable objection and whose status under the Contract Documents shall be that of the Architect.

§ 2.3.4 The Owner shall furnish surveys describing physical characteristics, legal limitations and utility locations for the site of the Project, and a legal description of the site. The Contractor shall be entitled to rely on the accuracy of information furnished by the Owner but shall exercise proper precautions relating to the safe performance of the Work.

§ 2.3.5 The Owner shall furnish information or services required of the Owner by the Contract Documents with reasonable promptness. The Owner shall also furnish any other information or services under the Owner's control and relevant to the Contractor's performance of the Work with reasonable promptness after receiving the Contractor's written request for such information or services.

§ 2.3.6 Unless otherwise provided in the Contract Documents, the Owner shall furnish to the Contractor one copy of the Contract Documents for purposes of making reproductions pursuant to Section 1.5.2.

§ 2.4 Owner's Right to Stop the Work

If the Contractor fails to correct Work that is not in accordance with the requirements of the Contract Documents as required by Section 12.2 or repeatedly fails to carry out Work in accordance with the Contract Documents, the Owner may issue a written order to the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, the right of the Owner to stop the Work shall not give rise to a duty on the part of the Owner to exercise this right for the benefit of the Contractor or any other person or entity, except to the extent required by Section 6.1.3.

§ 2.5 Owner's Right to Carry Out the Work

If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents and fails within a ten-day period after receipt of notice from the Owner to commence and continue correction of such default or neglect with diligence and promptness, the Owner may, without prejudice to other remedies the Owner may have, correct such default or neglect. Such action by the Owner and amounts charged to the Contractor are both subject to prior approval of the Architect and the Architect may, pursuant to Section 9.5.1, withhold or nullify a Certificate for Payment in whole or in part, to the extent reasonably necessary to reimburse the Owner for the reasonable cost of correcting such deficiencies, including Owner's expenses and compensation for the Architect's additional services made necessary by such default, neglect, or failure. If current and future payments are not sufficient to cover such amounts, the Contractor shall pay the difference to the Owner. If the Contractor disagrees with the actions of the Owner or the Architect, or the amounts claimed as costs to the Owner, the Contractor may file a Claim pursuant to Article 15.

§ 2..6 ADDITIONAL RIGHTS

The rights stated in Article 2 shall be in addition and not in limitation of any other rights of the Owner granted in the Contract Documents or at law or in equity.

ARTICLE 3 CONTRACTOR

§ 3.1 General

§ 3.1.1 The Contractor is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The Contractor shall be lawfully licensed, if required in the jurisdiction where the Project is located. The Contractor shall designate in writing a representative who shall have express authority to bind the Contractor with respect to all matters under this Contract. The term "Contractor" means the Contractor or the Contractor's authorized representative.

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§ 3.1.2 The Contractor shall perform the Work in accordance with the Contract Documents.

§ 3.1.3 The Contractor shall not be relieved of its obligations to perform the Work in accordance with the Contract Documents either by activities or duties of the Architect in the Architect's administration of the Contract, or by tests, inspections or approvals required or performed by persons or entities other than the Contractor.

§ 3.2 Review of Contract Documents and Field Conditions by Contractor

§ 3.2.1 Execution of the Contract by the Contractor is a representation that the Contractor has visited the site, inspected the local conditions under which the Work is to be performed, has reviewed the Contract Documents and correlated personal observations and inspection and the bid with requirements of the Contract Documents.

§ 3.2.1.1 Subject to Section 3.2.2, the Contractor shall verify all dimensions given on the Drawings, and to report any error or inconsistency to the Architect before commencing Work.

§ 3.2.1.2 If the Contractor finds any details, construction procedures or materials shown on the Drawings or called for in the Specifications which the Contractor believes may not be satisfactory for the use shown, the Contractor shall so notify the Architect . Signing of the Agreement and starting the Work by the Contractor shall indicate the Contractor's willingness to construct the Project in strict accordance with the Contract Documents and to guarantee the Project in full compliance with the warranty provisions of the Contract Documents. By executing this Agreement, the Contractor further acknowledges that it has satisfied itself as to the nature and location of the Work, the general and local conditions under which the Work is to be performed, including those bearing upon transportation, disposal, handling and storage of materials availability of labor, water, electric power, roads and the character of equipment and facilities needed prior to and during the prosecution of the Work . Any failure by the Contractor to become acquainted with all the available information concerning these conditions will not relieve the Contractor from any obligations with respect to the Contract Documents.

§ 3.2.1.3 If Work is required in a manner that makes it impossible to produce the quality required by the Contract Documents, or should discrepancies appear among the Contract Documents, the Contractor shall request in writing an interpretation from the Architect before proceeding with the Work.

§ 3.2.2 Because the Contract Documents are complementary, the Contractor shall, before starting each portion of the Work, carefully study and compare the various Contract Documents relative to that portion of the Work, as well as the information furnished by the Owner pursuant to Section 2.3.4, shall take field measurements of any existing conditions related to that portion of the Work, and shall observe any conditions at the site affecting it. These obligations are for the purpose of facilitating coordination and construction by the Contractor and are not for the purpose of discovering errors, omissions, or inconsistencies in the Contract Documents; however, the Contractor shall promptly report to the Architect any errors, inconsistencies or omissions discovered by or made known to the Contractor as a request for information in such form as the Architect may require. It is recognized that the Contractor's review is made in the Contractor's capacity as a contractor and not as a licensed design professional, unless otherwise specifically provided in the Contract Documents.

§ 3.2.3 Subject to Section 3.2.2, the Contractor shall verify the accuracy of all grades, elevations, existing conditions, dimensions and locations. In all cases of interconnection of the Contractor's Work with existing or other work, the Contractor shall verify at the site all dimensions relating to such existing or other work. Subject to Section 3.2.4, any errors due solely to the Contractor's failure to so verify all such grades, elevations, existing conditions, locations or dimensions shall be promptly rectified by Contractor without extra cost to the Owner.
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§ 3.2.4 If the Contractor believes that additional cost or time is involved because of clarifications or instructions the Architect issues in response to the Contractor's notices or requests for information pursuant to Sections 3.2.1, 3.2.2, 3.7, or 3.2.3, the Contractor shall submit Claims as provided in Article 15. If the Contractor fails to perform the obligations of Sections 3.2.2 or 3.2.3, the Contractor shall pay such costs and damages to the Owner, subject to Section 15.1.7, as would have been avoided if the Contractor had performed such obligations. The Contractor shall not be liable to the Owner or Architect for damages resulting from errors, inconsistencies or omissions in the Contract Documents or for differences between field measurements or conditions and the Contract Documents unless the Contractor recognized such error, inconsistency, omission or difference and knowingly failed to report it

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to the Architect, in which event the Contractor shall not be entitled to an increase in the Contract Sum or Contract Time, and the Contractor shall bear all attributable costs for correction

§ 3.3 Supervision and Construction Procedures

§ 3.3.1 The Contractor shall supervise and direct the Work, using the Contractor's best skill and attention. The Contractor shall be solely responsible for, and have control over, construction means, methods, techniques, sequences, and procedures, and for coordinating all portions of the Work. The Contractor shall review any specified construction or installation procedure recommended by any product manufacturer. The Contractor shall provide written notice to the Architect:

(a) If a specified product deviates from good construction practices.

(b) If following the Specifications will affect any warranties.

(c) Any objections which the Contractor may have to the Specifications based on any construction or installation procedure recommended by the product manufacturer.

The responsibilities imposed on the Contractor by this Section shall be in addition to, and not be limited by, any and all other provisions of these Contract Documents. If the Contract Documents give specific instructions concerning construction means, methods, techniques, sequences, or procedures, the Contractor shall evaluate the jobsite safety thereof and shall be solely responsible for the jobsite safety of such means, methods, techniques, sequences, or procedures. If the Contractor determines that such means, methods, techniques, sequences or procedures may not be safe, the Contractor shall give timely written notice to the Owner and shall not proceed with that portion of the Work without further written instructions from the Architect. If the Contractor is instructed to proceed with the required means, methods, techniques, sequences or procedures without acceptance of changes proposed by the Contractor, the Owner shall be solely responsible for any loss or damage.

§ 3.3.2 The Contractor shall engage workmen who are skilled in performing the Work and all Work shall be performed with care and skill and in a good workmanlike manner under the full time supervision of the approved superintendent described in Section 3.9.3. The Contractor shall be liable for all property damage including repairs or replacement of the Work and economic losses which proximately result from the breach of this duty. The Contractor shall be responsible to the Owner for acts and omissions of the Contractor's employees, Subcontractors and their agents and employees, and other persons or entities performing portions of the Work for, or on behalf of, the Contractor or any of its Subcontractors.

§ 3.3.3 The Contractor shall be responsible for inspection of portions of Work already performed to determine that such portions are in proper condition to receive subsequent Work.

§ 3.3.4 The Contractor shall not be relieved of obligations to perform the Work in accordance with the Contract Documents either by activities or duties of the Architect in the Architect's administration of the Contract, or by tests, inspections or approvals required of or performed by persons other than the Contractor.

§ 3.3.5 The Contractor shall coordinate all portions of the work with separate Owner-employed contractors, if any.

§ 3.3.6 The Contractor shall assign a competent, technically-trained office project manager to the Project who shall perform all office functions including checking, and approving purchasing and disbursement pay-out requests and correspondence, and responding to Owner inquiries.

§ 3.4 Labor and Materials

§ 3.4.1 Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

§ 3.4.2 Except in the case of minor changes in the Work approved by the Architect in accordance with Section 3.12.8 or ordered by the Architect in accordance with Section 7.4, the Contractor may make substitutions only with the written consent of the Owner, after evaluation by the Architect and in accordance with a Change Order or Construction Change Directive. By making requests for substitutions hereunder, the Contractor:

.1 represents that the Contractor has personally investigated the proposed substitute product and determined that

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it is equal or superior in all respects to that specified;

.2 represents that the Contractor will provide the same warranty for the substitution that the Contractor would for that specified;

.3 certifies that the cost data presented is complete and includes all related costs under this Contract except the Architect's redesign costs, and waives all claims for additional costs related to the substitution which subsequently become apparent; and

.4 will coordinate the installation of the accepted substitute, making such changes as may be required for the Work to be complete in all respects.

§ 3.4.3 The Contractor shall enforce strict discipline and good order among the Contractor's employees and other persons carrying out the Work. The Contractor shall not permit employment of unfit persons or persons not properly skilled in tasks assigned to them. The Contractor shall be responsible for any damages to property or injuries to persons, or to any other harm, caused by the Contractor's employees.

§ 3.5 Warranty

§ 3.5.1 The Contractor warrants to the Owner and Architect that materials and equipment furnished under the Contract will be of good quality and new unless the Contract Documents require or permit otherwise , **and** that the Work will be free from faults, and in conformance to the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. Liability or refusal of the Subcontractor or supplier responsible for the defective Work to correct such Work shall not excuse the Contractor from performing under the warranty. Work, materials, or equipment not conforming to these requirements may be considered defective.. If required by the Architect, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.

§ 3.5.2 All material, equipment, or other special warranties required by the Contract Documents shall be issued in the name of the Owner, or shall be transferable to the Owner, and shall commence in accordance with Section 9.8.4.

§ 3.5.3 The Contractor shall furnish maintenance and 24-hour callback service for the equipment provided by him for a period of three (3) months after completion and acceptance of the Work. This service shall include regular examinations of the installation by competent and trained employees of the Contractor, and shall include all necessary adjustments, greasing, oiling, cleaning, supplies and parts to keep the equipment in proper operation except such parts made necessary by misuse, accidents, or negligence not caused by the Contractor or any of its subcontractors or suppliers.

§ 3.6 Taxes

The Contractor shall pay sales, consumer, use and similar taxes for the Work provided by the Contractor that are legally enacted when bids are received or negotiations concluded, whether or not yet effective or merely scheduled to go into effect, unless the Owner is exempt from sales tax on products permanently incorporated into the Project.

§ 3.7 Permits, Fees, Notices and Compliance with Laws

§ 3.7.1 Unless otherwise provided in the Contract Documents, the Contractor shall secure and pay for fees, licenses, and inspections by government agencies necessary for proper execution and completion of the Work that are customarily secured after execution of the Contract and legally required at the time bids are received or negotiations concluded.

§ 3.7.2 The Contractor shall comply with and give notices required by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities applicable to performance of the Work.

§ 3.7.3 If the Contractor observes or believes that portions of the Contract Documents are at variance with applicable laws, statutes, ordinances, building codes, and rules and regulations, the Contractor shall promptly notify the Architect and Owner in writing for clarification by the Architect. If the Contractor performs Work knowing it to be contrary to applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities, the Contractor shall assume appropriate responsibility for such Work and shall bear the costs attributable to correction.

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§ 3.7.4 Concealed or Unknown Conditions

If the Contractor encounters conditions at the site that are (1) subsurface or otherwise concealed physical conditions that differ materially from those indicated in the Contract Documents or (2) unknown physical conditions of an unusual nature that differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for in the Contract Documents, the Contractor shall promptly provide notice to the Owner and the Architect before conditions are disturbed and in no event later than 21 days after first observance of the conditions. The Architect will promptly investigate such conditions and, if the Architect determines that they differ materially and cause an increase or decrease in the Contractor's cost of, or time required for, performance of any part of the Work, will recommend that an equitable adjustment be made in the Contract Sum or Contract Time, or both. If the Architect determines that the conditions at the site are not materially different from those indicated in the Contract Documents and that no change in the terms of the Contract is justified, the Architect shall promptly notify the Owner and Contractor, stating the reasons. If either party disputes the Architect's determination or recommendation, that party may submit a Claim as provided in Article 15.

§ 3.7.5 If, in the course of the Work, the Contractor encounters human remains or recognizes the existence of burial markers, archaeological sites or wetlands not indicated in the Contract Documents, the Contractor shall immediately suspend any operations that would affect them and shall notify the Owner and Architect. Upon receipt of such notice, the Owner shall promptly take any action necessary to obtain governmental authorization required to resume the operations. The Contractor shall continue to suspend such operations until otherwise instructed by the Owner but shall continue with all other operations that do not affect those remains or features. Requests for adjustments in the Contract Sum and Contract Time arising from the existence of such remains or features may be made as provided in Article 15.

§ 3.8 Allowances

§ 3.8.1 The Contractor shall include in the Contract Sum all allowances stated in the Contract Documents. Items covered by allowances shall be supplied for such amounts and by such persons or entities as the Owner may direct, but the Contractor shall not be required to employ persons or entities to whom the Contractor has reasonable objection.

§ 3.8.2 Unless otherwise provided in the Contract Documents,

- **.1** allowances shall cover the cost to the Contractor of materials and equipment delivered at the site and all required taxes, less applicable trade discounts;
- **.2** Contractor's costs for unloading and handling at the site, labor, installation costs, overhead, profit, and other expenses contemplated for stated allowance amounts shall be included in the Contract Sum but not in the allowances; and
- **.3** whenever costs are more than or less than allowances, the Contract Sum shall be adjusted accordingly by Change Order. The amount of the Change Order shall reflect (1) the difference between actual costs and the allowances under Section 3.8.2.1.

§ 3.8.3 Materials and equipment under an allowance shall be selected by the Owner with sufficient time to avoid delay in the Work.

§ 3.9 Superintendent

§ 3.9.1 The Contractor shall employ a competent superintendent and necessary assistants who shall be in attendance at the Project site during performance of the Work. The superintendent shall represent the Contractor, and communications given to the superintendent shall be as binding as if given to the Contractor. Important communications by the superintendent shall be confirmed in writing. Other communications by the superintendent shall be similarly confirmed on written request in each case. Failure of the superintendent to supervise the job properly shall be deemed as a default by the Contractor under the Contract Documents as determined by the Owner with the advice of the Architect.

§ 3.9.2 The Contractor, as soon as practicable after award of the Contract, shall notify the Owner and Architect of the name and qualifications of a proposed superintendent. Within 14 days of receipt of the information, the Architect may notify the Contractor, stating whether the Owner or the Architect (1) has reasonable objection to the proposed superintendent or (2) requires additional time for review. Failure of the Architect to provide notice within the 14-day period shall constitute notice of no reasonable objection.

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§ 3.9.3 The Contractor shall not employ a proposed superintendent to whom the Owner or Architect has made reasonable and timely objection. The Contractor shall not change the superintendent without the Owner's consent, which shall not unreasonably be withheld or delayed.

§ 3.9.4 The Contractor's superintendent must be dedicated solely to the Project and must be at the Project site at all times that Work is being performed at the site, whether the Work is performed by the Contractor's own forces or by any subcontractors. The superintendent must be at the Project site from the first day of on-site activities until a minimum of thirty (30) days after the date of Substantial Completion until all punch list items have been completed. Failure by the Contractor to provide full-time on-site supervision shall constitute grounds for termination of the Contract Documents by the Owner with seven days written notice.

§ 3.10 Contractor's Construction and Submittal Schedules

§ 3.10.1 The Contractor, promptly after being awarded the Contract, shall submit for the Owner's and Architect's information a Contractor's construction schedule for the Work. The schedule shall contain detail appropriate for the Project, including (1) the date of commencement of the Work, interim schedule milestone dates, and the date of Substantial Completion; (2) an apportionment of the Work by construction activity; and (3) the time required for completion of each portion of the Work. The schedule shall provide for the orderly and expeditious progression of the Work to completion and shall not exceed time limits current under the Contract Documents. The Owner's, or Architect's failure to object to a submitted schedule that exceeds time limits current under the Contract Documents shall not relieve the Contractor of its obligations to meet those time limits if Contractor is not entitled to an extension of those time limits , nor shall it make the Owner or Architect liable for any of the Contractor's damages incurred as a result of increased construction time or not meeting those time limits. Similarly, the Architect's or Owner's failure to object to a Contractor's schedule showing performance in advance of such time limits shall not create or infer any rights in favor of the Contractor for acceleration of the Work.

§ 3.10.2 The Contractor, promptly after being awarded the Contract and thereafter as necessary to maintain a current submittal schedule, shall submit a submittal schedule for the Architect's approval. The Architect's approval shall not be unreasonably delayed or withheld. The submittal schedule shall (1) be coordinated with the Contractor's construction schedule, and (2) allow the Architect reasonable time to review submittals. If the Contractor fails to submit a submittal schedule, or fails to provide submittals in accordance with the approved submittal schedule, the Contractor shall not be entitled to any increase in Contract Sum or extension of Contract Time based on the time required for review of submittals. The Contractor shall prepare and keep current, for the Architect's record only, a schedule of submittals (the "Submittal Schedule") which is coordinated with the approved Construction Schedule and allows the Architect reasonable time, as indicated in the Contract Documents, to review submittals. Neither the Contractor's preparation of the Submittal Schedule nor the Architect's receipt or review shall modify the Contractor's responsibility to make required submittals or to do so in a timely manner to provide for review in accordance with Section 4.2.7 as modified herein..

§ 3.10.3 The Contractor shall perform the Work in general accordance with the most recent schedules submitted to the Owner and Architect.

§ 3.11 Documents and Samples at the Site

The Contractor shall make available, at the Project site, the Contract Documents, including Change Orders, Construction Change Directives, and other Modifications, in good order and marked currently to indicate field changes and selections made during construction, and the approved Shop Drawings, Product Data, Samples, and similar required submittals. These shall be in electronic form or paper copy, available to the Architect and Owner, and delivered to the Architect for submittal to the Owner upon completion of the Work. The Contractor shall maintain at the site(s) one set of record drawings for the Owner and Architect of the as built plans for concealed work, particularly concealed piping and conduit. Any deviations from conditions shown on the Contract Drawings shall be shown and dimensioned on these record drawings. The Contractor shall develop layout drawings for concealed work that is schematically indicated on Contract Drawings in order to have dimensioned layouts of such concealed work.

§ 3.11.1.1 The field information in the record drawings to be so marked shall include at a minimum:
(1) Significant deviations of any nature made during construction;

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(2) Location of underground mechanical and electrical services, utilities, and appurtenances, referenced to permanent surface improvements.

§3.11.1 Plans and sections of all concealed work, particularly concealed piping and conduit and deviations from conditions shown on the Contract Documents, shall be shown and dimensioned on the "As Built" drawings. Contractor shall develop layout drawings for all concealed work that is schematically indicated on Contract Drawings.

§3.11.2 The Contractor and his subcontractors shall maintain an accurate record of deviations and changes from the Contract Documents which occur in the work; shall indicate all such deviations and changes on reproducible versions of the Contract Documents; and shall turn over to the Architect upon completion of the work all such documents and information such as final shop drawings and sketches, marked prints and similar data indicating the "As Built" conditions. Plumbing, HVAC, and electrical Contractors/subcontractors shall record all changes or deviations in their Work from what appears on the Contract Documents. The reproducible versions of the Contract Documents shall be furnished by the Architect. The cost of recording and transferring the changes or deviations to the "As Builts" shall be included in the contract price for the respective work. The "As Builts" shall be delivered by the Contractor to the Architect prior to the final acceptance of the project and issuance of final payment.

§3.11.3 The Contractor shall cause the plumbing, mechanical, and electrical subcontractors to provide the Contractor with the three (3) copies of all operating manuals at the time of delivery of each major piece of equipment.

§ 3.12 Shop Drawings, Product Data and Samples

§ 3.12.1 Shop Drawings are drawings, diagrams, schedules, and other data specially prepared for the Work by the Contractor or a Subcontractor, Sub-subcontractor, manufacturer, supplier, or distributor to illustrate some portion of the Work.

§ 3.12.2 Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams, and other information furnished by the Contractor to illustrate materials or equipment for some portion of the Work.

§ 3.12.3 Samples are physical examples that illustrate materials, equipment, or workmanship, and establish standards by which the Work will be judged.

§ 3.12.4 Shop Drawings, Product Data, Samples, and similar submittals are not Contract Documents. Their purpose is to demonstrate how the Contractor proposes to conform to the information given and the design concept expressed in the Contract Documents for those portions of the Work for which the Contract Documents require submittals. Review by the Architect is subject to the limitations of Section 4.2.7. Informational submittals upon which the Architect is not expected to take responsive action may be so identified in the Contract Documents. Submittals that are not required by the Contract Documents may be returned by the Architect without action.

§ 3.12.5 The Contractor shall review for compliance with the Contract Documents, approve, and submit to the Architect, Shop Drawings, Product Data, Samples, and similar submittals required by the Contract Documents, in accordance with the submittal schedule approved by the Architect or, in the absence of an approved submittal schedule, with reasonable promptness and in such sequence as to cause no delay in the Work or in the activities of the Owner or of Separate Contractors.

§ 3.12.6 By submitting Shop Drawings, Product Data, Samples, and similar submittals, the Contractor represents to the Owner and Architect that the Contractor has (1) reviewed and approved them, (2) determined and verified materials, field measurements and field construction criteria related thereto, or will do so, and (3) checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents.

§ 3.12.7 The Contractor shall perform no portion of the Work for which the Contract Documents require submittal and review of Shop Drawings, Product Data, Samples, or similar submittals, until the respective submittal has been approved by the Architect.

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§ 3.12.8 The Work shall be in accordance with approved submittals except that the Contractor shall not be relieved of responsibility for deviations from the requirements of the Contract Documents by the Architect's approval of Shop Drawings, Product Data, Samples, or similar submittals, unless the Contractor has specifically notified the Architect in writing of such deviation at the time of submittal and (1) the Architect has given written approval to the specific deviation as a minor change in the Work, or (2) a Change Order or Construction Change Directive has been issued authorizing the deviation. The Contractor shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples, or similar submittals, by the Architect's approval thereof.

§ 3.12.9 The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data, Samples, or similar submittals, to revisions other than those requested by the Architect on previous submittals. In the absence of such notice, the Architect's approval of a resubmission shall not apply to such revisions.

§ 3.12.10 The Contractor shall not be required to provide professional services that constitute the practice of architecture or engineering unless such services are specifically required by the Contract Documents for a portion of the Work or unless the Contractor needs to provide such services in order to carry out the Contractor's responsibilities for construction means, methods, techniques, sequences, and procedures. The Contractor shall not be required to provide professional services in violation of applicable law.

§ 3.12.10.1
When professional certification or performance criteria of materials, systems or equipment is required by the Contract Documents, the Contractor shall provide the person or party providing the certification with full information of the relevant performance requirements and on the conditions under which the materials, systems, or equipment will be expected to operate at the Project site. The certification shall be based on performance under the operating conditions at the Project site and the performance and design criteria provided by the Contract Documents. The Architect shall be entitled to rely on the accuracy and completeness of such certifications. The Contractor shall be entitled to rely on the adequacy and accuracy of the performance and design criteria provided by the Contract Documents.

§ 3.12.10.2 When the Contract Documents require the Contractor's design professional to certify that the Work has been performed in accordance with the design criteria, the Contractor shall furnish such certifications to the Architect at the time and in the form specified by the Architect.

§3.12.11 In addition to Section 3.4.2, after the award of the Contract, a request by the Contractor for a substitution of materials or equipment in place of that specified in the Contract Documents will be considered only under one or more of the following conditions:
.1 Required for compliance with interpretation of code requirements or insurance regulations then existing.
.2 Unavailability of specified products through no fault of the Contractor.
.3 Subsequent information discloses inability of specified products to perform properly or to fit in designated space.
.4 Manufacturer / fabricator refuses to certify or guarantee performance of specified product as required.
.5 When it is clearly seen in the judgment of the Architect that a substitution would be substantially to the Owner's best interests in terms of cost, time, or other considerations.
Substitution requests shall be written, timely, and accomplished by adequate technical and cost data. Requests shall include a complete description of the proposed substitution, name of material or equipment for which it is to be substituted, drawings, costs, performance and test data, and any other data or information necessary for a complete evaluation by the Architect.

§ 3.13 Use of Site
The Contractor shall confine operations at the site to areas permitted by applicable laws, statutes, ordinances, codes, rules and regulations, lawful orders of public authorities, and the Contract Documents and shall not unreasonably encumber the site with materials or equipment.

§ 3.14 Cutting and Patching
§ 3.14.1 The Contractor shall be responsible for cutting, fitting, or patching required to complete the Work or to make its parts fit together properly. All areas requiring cutting, fitting, or patching shall be restored to the condition

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existing prior to the cutting, fitting, or patching, unless otherwise required by the Contract Documents.

§ 3.14.2 The Contractor shall not damage or endanger a portion of the Work or fully or partially completed construction of the Owner or Separate Contractors by cutting, patching, or otherwise altering such construction, or by excavation. The Contractor shall not cut or otherwise alter construction by the Owner or a Separate Contractor except with written consent of the Owner and of the Separate Contractor. Consent shall not be unreasonably withheld. The Contractor shall not unreasonably withhold, from the Owner or a Separate Contractor, its consent to cutting or otherwise altering the Work.

§ 3.15 Cleaning Up

§ 3.15.1 The Contractor shall keep the premises and surrounding area free from accumulation of waste materials and rubbish caused by operations under the Contract. At completion of the Work, the Contractor shall remove waste materials, rubbish, the Contractor's tools, construction equipment, machinery, and surplus materials from and about the Project.

§ 3.15.2 If the Contractor fails to clean up as provided in the Contract Documents, the Owner may do so and the Owner shall be entitled to reimbursement from the Contractor.

§ 3.16 Access to Work

The Contractor shall provide the Owner and Architect with access to the Work in preparation and progress wherever located.

§ 3.17 Royalties, Patents and Copyrights

The Contractor shall pay all royalties and license fees. The Contractor shall defend suits or claims for infringement of copyrights and patent rights and shall hold the Owner and Architect harmless from loss on account thereof, but shall not be responsible for defense or loss when a particular design, process, or product of a particular manufacturer or manufacturers is required by the Contract Documents, or where the copyright violations are contained in Drawings, Specifications, or other documents prepared by the Owner or Architect. However, if an infringement of a copyright or patent is discovered by, or made known to, the Contractor, the Contractor shall be responsible for the loss unless the information is promptly furnished to the Architect.

§ 3.18 Indemnification

§ 3.18.1 To the fullest extent permitted by law, the Contractor shall defend, indemnify and hold harmless the Owner, Owner's Representative, Architect, Architect's consultants, and each of their respective agents and employees of any of them from and against third-party claims, damages, losses, and expenses, including but not limited to attorneys' fees, (collectively referred to as "claims") arising out of or resulting from or in connection with the performance of the Work, provided that any claim, damage, loss, or expense is caused in whole or in part by the negligent acts or omissions of the Contractor, any Subcontractor, or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity that would otherwise exist as to a party or person described in this Contract.

§ 3.18.2 In any and all claims by an employee of the Contractor, any Subcontractor, anyone directly or indirectly employed by them, or anyone for whose acts they may be liable, the indemnification obligation under this Contract shall not be limited in any way by any limitation on amount or type of damages, compensation, or benefits payable by or for the Contractor or a Subcontractor under workers' compensation acts, disability benefit acts, or other employee benefit acts.

§ 3.18.3 Claims, damages, losses or expenses, as these words are used in this Contract, shall be construed to include, but not be limited to, (1) injury or damage consequent upon the failure of or use or misuse by Contractor, its Subcontractors, agents, servants or employees, of any hoist, rigging, blocking, scaffolding, or any and all other kinds of items or equipment, whether or not the same be owned, furnished or loaned by Owner; (2) all attorneys' fees and costs incurred in defense of the claims or in bringing an action to enforce the provision of this indemnity or any other indemnity contained in the Contract Documents; and (3) all costs, expenses, lost time, opportunity costs, incurred by the party being indemnified or its employees, agents or consultants.

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§3.19 WORKS BY TRADE UNIONS

§ 3.19.1 If the Work is to be performed by trade unions, the Contractor shall make all necessary arrangements to reconcile, without delay, damage, or cost to the Owner and without recourse to the Architect or the Owner, any conflict between the Contract Documents and any agreements or regulations of any kind at any time in force among members or councils which regulate or distinguish what activities shall not be included in the Work of any particular trade. In case the progress of the Work is affected by any undue delay in furnishing or installing any items or materials or equipment required under the Contract Documents because of the conflict involving any such agreement or regulation, the Architect may require that other material or equipment of equal kind and quality be provided at no additional cost to the Owner.

ARTICLE 4 ARCHITECT

§ 4.1 General

§ 4.1.1 The Architect is the person or entity retained by the Owner pursuant to Section 2.3.2 and identified as such in the Agreement.

§ 4.1.2 Duties, responsibilities, and limitations of authority of the Architect as set forth in the Contract Documents shall not be restricted, modified, or extended without written consent of the Owner, Contractor, and Architect. Consent shall not be unreasonably withheld.

§ 4.2 Administration of the Contract

§ 4.2.1 The Architect will provide administration of the Contract as described in the Contract Documents and will be an Owner's representative during construction until the date the Architect issues the final Certificate for Payment. The Architect will have authority to act on behalf of the Owner only to the extent provided in the Contract Documents.

§ 4.2.2 The Architect will visit the site as agreed to by the Owner and Architect to become generally familiar with the progress and quality of the portion of the Work completed, and to determine in general if the Work observed is being performed in a manner indicating that the Work, when fully completed, will be in accordance with the Contract Documents. However, the Architect will not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work. The Architect will not have control over, charge of, or responsibility for the construction means, methods, techniques, sequences or procedures, or for the safety precautions and programs in connection with the Work, since these are solely the Contractor's rights and responsibilities under the Contract Documents.

§ 4.2.3 On the basis of the site visits, the Architect will keep the Owner reasonably informed about the progress and quality of the portion of the Work completed, and promptly report to the Owner (1) known deviations from the Contract Documents, (2) known deviations from the most recent construction schedule submitted by the Contractor, and (3) defects and deficiencies observed in the Work. The Architect will not be responsible for the Contractor's failure to perform the Work in accordance with the requirements of the Contract Documents. The Architect will not have control over or charge of, and will not be responsible for acts or omissions of, the Contractor, Subcontractors, or their agents or employees, or any other persons or entities performing portions of the Work.

§ 4.2.4 Communications

The Owner and Contractor shall include the Architect in all communications that relate to or affect the Architect's services or professional responsibilities. The Owner shall promptly notify the Architect of the substance of any direct communications between the Owner and the Contractor otherwise relating to the Project. Communications by and with the Architect's consultants shall be through the Architect. Communications by and with Subcontractors and suppliers shall be through the Contractor. Communications by and with Separate Contractors shall be through the Owner. The Contract Documents may specify other communication protocols.

§ 4.2.5 Based on the Architect's evaluations of the Contractor's Applications for Payment, the Architect will review and certify the amounts due the Contractor and will issue Certificates for Payment in such amounts. The Contractor shall provide as part of the Application for Payment sworn statements listing subcontractors and material suppliers before issuing Payment Certificates, and if such sworn statement or waivers are not provided, the Architect's Certificates shall be conditioned upon and subject to the receipt of such waivers.

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§ 4.2..5.1 The Contractor shall provide to the Owner for the Owner's review (1) mechanics lien waivers for itself and each of its Subcontractors for any monies sought for payment, (2) certified payroll statements and documentation as per the Illinois Prevailing Wage Act.

§ 4.2.6 The Architect has authority to reject Work that does not conform to the Contract Documents. Whenever the Architect considers it necessary or advisable, the Architect will have authority to require inspection or testing of the Work in accordance with Sections 13.4.2 and 13.4.3, whether or not the Work is fabricated, installed or completed. However, neither this authority of the Architect nor a decision made in good faith either to exercise or not to exercise such authority shall give rise to a duty or responsibility of the Architect to the Contractor, Subcontractors, suppliers, their agents or employees, or other persons or entities performing portions of the Work.

§ 4.2.7 The Architect will review and approve, or take other appropriate action upon, the Contractor's submittals such as Shop Drawings, Product Data, and Samples, but only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. The Architect's action will be taken in accordance with the submittal schedule approved by the Architect or, in the absence of an approved submittal schedule, the Architect shall be allowed ten (10) business days for review. Review of such submittals is not conducted for the purpose of determining the accuracy and completeness of other details such as dimensions and quantities, or for substantiating instructions for installation or performance of equipment or systems, all of which remain the responsibility of the Contractor as required by the Contract Documents. The Architect's review of the Contractor's submittals shall not relieve the Contractor of the obligations under Sections 3.3, 3.5, and 3.12. The Architect's review shall not constitute approval of safety precautions or of any construction means, methods, techniques, sequences, or procedures. The Architect's approval of a specific item shall not indicate approval of an assembly of which the item is a component.

§ 4.2.8 The Architect will prepare Change Orders and Construction Change Directives, and may order minor changes in the Work as provided in Section 7.4. The Architect will investigate and make determinations and recommendations regarding concealed and unknown conditions as provided in Section 3.7.4.

§ 4.2.9 The Architect will conduct inspections to determine the date or dates of Substantial Completion and the date of final completion; issue Certificates of Substantial Completion pursuant to Section 9.8; receive and forward to the Owner, for the Owner's review and records, written warranties and related documents required by the Contract and assembled by the Contractor pursuant to Section 9.10; and issue a final Certificate for Payment pursuant to Section 9.10; however, the issuance of such final Certificate of Payment shall not bind the Owner to any payment unless it accepts such final Certificate for Payment. The Owner's acceptance shall not be unreasonably withheld. Additionally, the Architect shall review all warranties and related documents and provide a recommendation to the Owner as to whether the warranties comply with the Contract Documents.

§ 4.2.10 If the Owner and Architect agree, the Architect will provide one or more Project representatives to assist in carrying out the Architect's responsibilities at the site. The Owner shall notify the Contractor of any change in the duties, responsibilities and limitations of authority of the Project representatives.

§ 4.2.11 The Architect will interpret and decide matters concerning performance under, and requirements of, the Contract Documents on written request of either the Owner or Contractor. The Architect's response to such requests will be made in writing within any time limits agreed upon or otherwise with reasonable promptness.

§ 4.2.12 Interpretations and decisions of the Architect will be consistent with the intent of, and reasonably inferable from, the Contract Documents and will be in writing or in the form of drawings. When making such interpretations and decisions, the Architect will endeavor to secure faithful performance by both Owner and Contractor, will not show partiality to either, and will not be liable for results of interpretations or decisions rendered in good faith.

§ 4.2.13 The Architect's decisions on matters relating to aesthetic effect will be final if consistent with the intent expressed in the Contract Documents if reasonably inferable from the Contract Documents as being necessary to produce the intended results.

§ 4.2.14 The Architect will review and respond to requests for information about the Contract Documents. The Architect's response to such requests will be made in writing within any time limits agreed upon or otherwise with reasonable promptness. If appropriate, the Architect will prepare and issue supplemental Drawings and

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Specifications in response to the requests for information.

ARTICLE 5 SUBCONTRACTORS

§ 5.1 Definitions

§ 5.1.1 A Subcontractor is a person or entity who has a direct contract with the Contractor to perform a portion of the Work at the site. The term "Subcontractor" is referred to throughout the Contract Documents as if singular in number and means a Subcontractor or an authorized representative of the Subcontractor. The term "Subcontractor" does not include a Separate Contractor or the subcontractors of a Separate Contractor.

§ 5.1.2 A Sub-subcontractor is a person or entity who has a direct or indirect contract with a Subcontractor to perform a portion of the Work at the site. The term "Sub-subcontractor" is referred to throughout the Contract Documents as if singular in number and means a Sub-subcontractor or an authorized representative of the Sub-subcontractor.

§ 5.2 Award of Subcontracts and Other Contracts for Portions of the Work

§ 5.2.1 Unless otherwise stated in the Contract Documents, the Contractor, as soon as practicable after award of the Contract, shall notify the Owner and Architect of the persons or entities proposed for each principal portion of the Work, including those who are to furnish materials or equipment fabricated to a special design. Within 14 days of receipt of the information, the Architect may notify the Contractor whether the Owner or the Architect (1) has reasonable objection to any such proposed person or entity or (2) requires additional time for review. Failure of the Architect to provide notice within the 14-day period shall constitute notice of no reasonable objection.

§ 5.2.2 The Contractor shall not contract with a proposed person or entity to whom the Owner or Architect has made reasonable and timely objection. The Contractor shall not be required to contract with anyone to whom the Contractor has made reasonable objection. All subcontracts shall be in writing, and shall be assignable by the Contractor to the Owner. The Contractor shall not contract with a proposed person or entity to whom the Owner or Architect has made reasonable and timely objection. The Contractor shall not be required to contract with anyone to whom the Contractor has made reasonable objection.

§ 5.2.3 If the Owner or Architect has reasonable objection to a person or entity proposed by the Contractor, the Contractor shall propose another to whom the Owner or Architect has no reasonable objection. If the proposed but rejected Subcontractor was reasonably capable of performing the Work, the Contract Sum and Contract Time shall be increased or decreased by the difference, if any, occasioned by such change, and an appropriate Change Order shall be issued before commencement of the substitute Subcontractor's Work. However, no increase in the Contract Sum or Contract Time shall be allowed for such change unless the Contractor has acted promptly and responsively in submitting names as required.

§ 5.2.4 The Contractor shall not substitute a Subcontractor, person, or entity for one previously selected if the Owner or Architect makes reasonable objection to such substitution.

§ 5.3 Subcontractual Relations

By appropriate written agreement, the Contractor shall require each Subcontractor, to the extent of the Work to be performed by the Subcontractor, to be bound to the Contractor by terms of the Contract Documents, and to assume toward the Contractor all the obligations and responsibilities, including the responsibility for safety of the Subcontractor's Work that the Contractor, by these Contract Documents, assumes toward the Owner and Architect. Each subcontract agreement shall preserve and protect the rights of the Owner and Architect under the Contract Documents with respect to the Work to be performed by the Subcontractor so that subcontracting thereof will not prejudice such rights, and shall allow to the Subcontractor, unless specifically provided otherwise in the subcontract agreement, the benefit of all rights, remedies, and redress against the Contractor that the Contractor, by the Contract Documents, has against the Owner. Where appropriate, the Contractor shall require each Subcontractor to enter into similar agreements with Sub-subcontractors. The Contractor shall make available to each proposed Subcontractor, prior to the execution of the subcontract agreement, copies of the Contract Documents to which the Subcontractor will be bound, and, upon written request of the Subcontractor, identify to the Subcontractor terms and conditions of the proposed subcontract agreement that may be at variance with the Contract Documents. Subcontractors will similarly make copies of applicable portions of such documents available to their respective proposed Sub-subcontractors.

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§ 5.4 Contingent Assignment of Subcontracts

§ 5.4.1 Each subcontract agreement for a portion of the Work is assigned by the Contractor to the Owner, provided that

.1 assignment is effective only after termination of the Contract by the Owner for cause pursuant to Section 14.2 and only for those subcontract agreements that the Owner accepts by notifying the Subcontractor and Contractor; and

.2 assignment is subject to the prior rights of the surety, if any, obligated under bond relating to the Contract.

When the Owner accepts the assignment of a subcontract agreement, the Owner assumes the Contractor's rights and obligations under the subcontract, including any obligations to pay additional compensation.

§ 5.4.2 Intentionally Deleted.

§ 5.4.3 Upon assignment to the Owner under this Section 5.4, the Owner may further assign the subcontract to a successor contractor or other entity. If the Owner assigns the subcontract to a successor contractor or other entity, the Owner shall nevertheless remain legally responsible for all of the successor contractor's obligations under the subcontract.

ARTICLE 6 CONSTRUCTION BY OWNER OR BY SEPARATE CONTRACTORS

§ 6.1 Owner's Right to Perform Construction and to Award Separate Contracts

§ 6.1.1 The term "Separate Contractor(s)" shall mean other contractors retained by the Owner under separate agreements. The Owner reserves the right to perform construction or operations related to the Project with the Owner's own forces, and with Separate Contractors retained under Conditions of the Contract substantially similar to those of this Contract, including those provisions of the Conditions of the Contract related to insurance and waiver of subrogation.

§ 6.1.2 When separate contracts are awarded for different portions of the Project or other construction or operations on the site, the term "Contractor" in the Contract Documents in each case shall mean the Contractor who executes each separate Owner-Contractor Agreement.

§ 6.1.3 The Owner shall provide for coordination of the activities of the Owner's own forces and of each Separate Contractor with the Work of the Contractor, who shall cooperate with them. The Contractor shall participate with any Separate Contractors and the Owner in reviewing their construction schedules. The Contractor shall make any revisions to its construction schedule deemed necessary after a joint review and mutual agreement. The construction schedules shall then constitute the schedules to be used by the Contractor, Separate Contractors, and the Owner until subsequently revised.

§ 6.2 Mutual Responsibility

§ 6.2.1 The Contractor shall afford the Owner and Separate Contractors reasonable opportunity for introduction and storage of their materials and equipment and performance of their activities, and shall connect and coordinate the Contractor's construction and operations with theirs as required by the Contract Documents.

§ 6.2.2 If part of the Contractor's Work depends for proper execution or results upon construction or operations by the Owner or a Separate Contractor, the Contractor shall, prior to proceeding with that portion of the Work, promptly notify the Architect of apparent discrepancies or defects in the construction or operations by the Owner or Separate Contractor that would render it unsuitable for proper execution and results of the Contractor's Work. Failure of the Contractor to notify the Architect of apparent discrepancies or defects prior to proceeding with the Work shall constitute an acknowledgment that the Owner's or Separate Contractor's completed or partially completed construction is fit and proper to receive the Contractor's Work. The Contractor shall not be responsible for discrepancies or defects in the construction or operations by the Owner or Separate Contractor that are not apparent.

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§ 6.2.3 The Contractor shall reimburse the Owner for costs the Owner incurs that are payable to a Separate Contractor because of the Contractor's delays, improperly timed activities or defective construction. The Owner shall be responsible to the Contractor for costs the Contractor incurs because of a Separate Contractor's delays, improperly timed activities, damage to the Work or defective construction.

§ 6.2.4 The Contractor shall promptly remedy damage that the Contractor wrongfully causes to completed or partially completed construction or to property of the Owner or Separate Contractor as provided in Section 10.2.5.

§ 6.2.5 The Owner and each Separate Contractor shall have the same responsibilities for cutting and patching as are described for the Contractor in Section 3.14.

§ 6.3 Owner's Right to Clean Up

If a dispute arises among the Contractor, Separate Contractors, and the Owner as to the responsibility under their respective contracts for maintaining the premises and surrounding area free from waste materials and rubbish, the Owner may clean up and the Architect will allocate the cost among those responsible.

ARTICLE 7 CHANGES IN THE WORK

§ 7.1 General

§ 7.1.1 Changes in the Work may be accomplished after execution of the Contract, and without invalidating the Contract, by Change Order, Construction Change Directive or order for a minor change in the Work, subject to the limitations stated in this Article 7 and elsewhere in the Contract Documents.

§ 7.1.2 A Change Order shall be based upon agreement among the Owner, Contractor, and Architect. A Construction Change Directive requires agreement by the Owner and Architect and may or may not be agreed to by the Contractor. An order for a minor change in the Work may be issued by the Architect alone.

§ 7.1.3 Changes in the Work shall be performed under applicable provisions of the Contract Documents. The Contractor shall proceed promptly with changes in the Work, unless otherwise provided in the Change Order, Construction Change Directive, or order for a minor change in the Work.

§ 7.2 Change Orders

§ 7.2.1 A Change Order is a written instrument prepared by the Architect and signed by the Owner, Contractor, and Architect stating their agreement upon all of the following:

- **.1** The change in the Work;
- **.2** The amount of the adjustment, if any, in the Contract Sum; and
- **.3** The extent of the adjustment, if any, in the Contract Time.

§ 7.2.2 Methods used in determining adjustments to the Contract Sum may include those listed in Section 7.3.3.

§ 7.3 Construction Change Directives

§ 7.3.1 A Construction Change Directive is a written order prepared by the Architect and signed by the Owner and Architect, directing a change in the Work prior to agreement on adjustment, if any, in the Contract Sum or Contract Time, or both. The Owner may by Construction Change Directive, without invalidating the Contract, order changes in the Work within the general scope of the Contract consisting of additions, deletions, or other revisions, the Contract Sum and Contract Time being adjusted accordingly.

§ 7.3.2 A Construction Change Directive shall be used in the absence of total agreement on the terms of a Change Order.

§ 7.3.3 If the Construction Change Directive provides for an adjustment to the Contract Sum, the adjustment shall be based on one of the following methods:

- **.1** Mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation;
- **.2** Unit prices stated in the Contract Documents or subsequently agreed upon;
- **.3** Cost to be determined in a manner agreed upon by the parties and a mutually acceptable fixed or percentage

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fee; or

.4 As provided in Section 7.3.4.

§ 7.3.4 If the Contractor does not respond promptly or disagrees with the method for adjustment in the Contract Sum, the Architect shall determine the adjustment on the basis of reasonable expenditures and savings of those performing the Work attributable to the change, including, in case of an increase in the Contract Sum, an amount for overhead and profit as set forth in the Agreement, or if no such amount is set forth in the Agreement, a reasonable amount. In such case, and also under Section 7.3.3.3, the Contractor shall keep and present, in such form as the Architect may prescribe, an itemized accounting together with appropriate supporting data. Unless otherwise provided in the Contract Documents, costs for the purposes of this Section 7.3.4 shall be limited to the following:

.1 Costs of labor, including applicable payroll taxes, fringe benefits required by agreement or custom, workers' compensation insurance, and other employee costs approved by the Architect;

.2 Costs of materials, supplies, and equipment, including cost of transportation, whether incorporated or consumed;

.3 Rental costs of machinery and equipment, exclusive of hand tools, whether rented from the Contractor or others;

.4 Costs of premiums for all bonds and insurance, permit fees, and sales, use, or similar taxes, directly related to the change; and

.5 Additional costs of supervision and field office personnel directly attributable to the change.

.6 Overtime, when specifically authorized by the Owner, shall include the cost of insurance and taxes based on the premium payment only. Overhead and profit on the premium portion will not be paid by the Owner for overtime. Contractor shall submit detailed, itemized breakdown of quantities and unit costs, including overhead and profit as separate items with responses to request for price.

§ 7.3.5 If the Contractor disagrees with the adjustment in the Contract Time, the Contractor may make a Claim in accordance with applicable provisions of Article 15.

§ 7.3.6 Upon receipt of a Construction Change Directive, the Contractor shall promptly proceed with the change in the Work involved and advise the Architect of the Contractor's agreement or disagreement with the method, if any, provided in the Construction Change Directive for determining the proposed adjustment in the Contract Sum or Contract Time.

§ 7.3.7 A Construction Change Directive signed by the Contractor indicates the Contractor's agreement therewith, including adjustment in Contract Sum and Contract Time or the method for determining them. Such agreement shall be effective immediately and shall be recorded as a Change Order.

§ 7.3.8 The amount of credit to be allowed by the Contractor to the Owner for a deletion or change that results in a net decrease in the Contract Sum shall be actual net cost as confirmed by the Architect. When both additions and credits covering related Work or substitutions are involved in a change, the allowance for overhead and profit shall be figured on the basis of net increase, if any, with respect to that change. Also, if the amount of either the credit or the addition is in dispute, the amount of the other non-disputed item may not be included in Applications for Payment. Overhead and profit will be included in credits to the same extent they are included in additions.

§ 7.3.9 Pending final determination of the total cost of a Construction Change Directive to the Owner, the Contractor may request payment for Work completed under the Construction Change Directive in Applications for Payment. The Architect will make an interim determination for purposes of monthly certification for payment for those costs and certify for payment the amount that the Architect determines, in the Architect's professional judgment, to be reasonably justified. The Architect's interim determination of cost shall adjust the Contract Sum on the same basis as a Change Order, subject to the right of either party to disagree and assert a Claim in accordance with Article 15.

§ 7.3.10 When the Owner and Contractor agree with a determination made by the Architect concerning the adjustments in the Contract Sum and Contract Time, or otherwise reach agreement upon the adjustments, such agreement shall be effective immediately and the Architect will prepare a Change Order. Change Orders may be issued for all or any part of a Construction Change Directive.

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§ 7.4 Minor Changes in the Work

The Architect may order minor changes in the Work that are consistent with the intent of the Contract Documents and do not involve an adjustment in the Contract Sum or an extension of the Contract Time. The Architect's order for minor changes shall be in writing. If the Contractor believes that the proposed minor change in the Work will affect the Contract Sum or Contract Time, the Contractor shall notify the Architect and shall not proceed to implement the change in the Work. If the Contractor performs the Work set forth in the Architect's order for a minor change without prior notice to the Architect that such change will affect the Contract Sum or Contract Time, the Contractor waives any adjustment to the Contract Sum or extension of the Contract Time.

§7.5 AGREED OVERHEAD AND PROFIT RATES

§7.5.1 For any adjustments to the Contract Sum based on other than the unit prices method, the Contractor agrees to charge and accept payment for his overhead and profit at the following percentages of the cost attributable to the change in the Work;

.1 Fifteen percent (15%) for Work by the Contractor not involving Subcontractors;

.2 Five percent (5%) for Work by Subcontractors.

.3 When both additions and credits are involved in any one change, the allowance for overhead and profit shall be figured on the basis of the net increase, if any;

.**4** For additional Work ordered as described above which will be executed by Subcontractors for the Contractor, it is agreed Subcontractors will be permitted to charge fifteen percent (15%) for Work not involving sub-subcontractors and five percent (5%) for Work by sub-subcontractors. To the resulting Subcontract amount, the Contractor may add five percent (5%).

ARTICLE 8 TIME

§ 8.1 Definitions

§ 8.1.1 Unless otherwise provided, Contract Time is the period of time, including authorized adjustments, allotted in the Contract Documents for Substantial Completion of the Work.

§ 8.1.2 The date of commencement of the Work is the date established in the Agreement.

§ 8.1.3 The date of Substantial Completion is the date certified by the Architect in accordance with Section 9.8.

§ 8.1.4 The term "day" as used in the Contract Documents shall mean calendar day unless otherwise specifically defined.

§ 8.2 Progress and Completion

§ 8.2.1 Time limits stated in the Contract Documents are of the essence of the Contract. By executing the Agreement, the Contractor confirms that the Contract Time is a reasonable period for performing the Work.

§ 8.2.2 The Contractor shall not knowingly, except by agreement or instruction of the Owner in writing, commence the Work prior to the effective date of insurance required to be furnished by the Contractor and Owner.

§ 8.2.3 The Contractor shall proceed expeditiously with adequate forces and shall achieve Substantial Completion within the Contract Time.

§ 8.3 Delays and Extensions of Time

§ 8.3.1 If the Contractor is delayed at any time in the commencement or progress of the Work by (1) an act or neglect of the Owner or Architect, of an employee of either, or of a Separate Contractor; (2) by changes ordered in the Work; (3) by labor disputes, fire, unusual delay in deliveries, unavoidable casualties, adverse weather conditions documented in accordance with Section 15.1.6.2, or other causes beyond the Contractor's control; (4) by delay authorized by the Owner pending mediation and binding dispute resolution; or (5) by other causes that the Contractor asserts, and the Architect determines, justify delay, then the Contract Time shall be extended for such reasonable time as the Architect may determine.

§ 8.3.2 Claims relating to time shall be made in accordance with applicable provisions of Article 15.

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§ 8.3.3 This Section 8.3 does not preclude recovery of damages for delay by either party.
§ 8.3.4 If the Contractor, but for a delay not within the Contractor's control, would have completed prior to the time set forth in the Project schedule, the Contractor shall not be entitled to any recovery of damages arising out of any event of delay which prevented such early completion of the Work.

ARTICLE 9 PAYMENTS AND COMPLETION

§ 9.1 Contract Sum

§ 9.1.1 The Contract Sum is stated in the Agreement and, including authorized adjustments, is the total amount payable by the Owner to the Contractor for performance of the Work under the Contract Documents.

§ 9.1.2 If unit prices are stated in the Contract Documents or subsequently agreed upon, and if quantities originally contemplated are materially changed so that application of such unit prices to the actual quantities causes substantial inequity to the Owner or Contractor, the applicable unit prices shall be equitably adjusted.

§ 9.2 Schedule of Values

Where the Contract is based on a stipulated sum or Guaranteed Maximum Price, the Contractor shall submit a schedule of values to the Architect before the first Application for Payment, allocating the entire Contract Sum to the various portions of the Work. The schedule of values shall be prepared in the form, and supported by the data to substantiate its accuracy, required by the Architect. This schedule, unless objected to by the Architect, shall be used as a basis for reviewing the Contractor's Applications for Payment. Any changes to the schedule of values shall be submitted to the Architect and supported by such data to substantiate its accuracy as the Architect may require, and unless objected to by the Architect, shall be used as a basis for reviewing the Contractor's subsequent Applications for Payment.

§ 9.3 Applications for Payment

§ 9.3.1 At least ten days before the date established for each progress payment, the Contractor shall submit to the Architect an itemized Application for Payment prepared in accordance with the schedule of values, if required under Section 9.2, for completed portions of the Work. The application shall be notarized, if required, and supported by all data substantiating the Contractor's right to payment that the Owner or Architect require, such as copies of requisitions, and releases and waivers of liens from Subcontractors and suppliers, and shall reflect retainage if provided for in the Contract Documents. The form of Application for Payment shall be a notarized AIA Document G702, Application and Certification for Payment, supported by AIA Document G703, Continuation Sheet.

§ 9.3.1.1 As provided in Section 7.3.9, such applications may include requests for payment on account of changes in the Work that have been properly authorized by Construction Change Directives, or by interim determinations of the Architect, but not yet included in Change Orders.

§ 9.3.1.2 Applications for Payment shall not include requests for payment for portions of the Work for which the Contractor does not intend to pay a Subcontractor or supplier, unless such Work has been performed by others whom the Contractor intends to pay. However, this paragraph will not apply to routine retainage the Contractor intends to withhold from the Subcontractor pursuant to the subcontract.

§ 9.3.1.3 No interest will be paid upon retention.
§ 9.3.1.4 The Contractor shall submit all payment requests to the Architect for all work completed during the previous time period. Requests submitted late will not be processed until the following month.
§ 9.3.1.5 The Contractor shall submit Contractor's partial waiver of lien for the amount requested and partial subcontractor waivers of lien in the amounts of the previous payment request directly to the Owner.

§ 9.3.2 Unless otherwise provided in the Contract Documents, payments shall be made on account of materials and equipment delivered and suitably stored at the site for subsequent incorporation in the Work. If approved in advance by the Owner, payment may similarly be made for materials and equipment suitably stored off the site at a location agreed upon in writing. Payment for materials and equipment stored on or off the site shall be conditioned upon compliance by the Contractor with procedures satisfactory to the Owner to establish the Owner's title to such materials and equipment or otherwise protect the Owner's interest, and shall include the costs of applicable insurance, storage, and transportation to the site, for such materials and equipment stored off the site. The

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Contractor shall submit requisitions from suppliers and Subcontractors to substantiate the amounts requested on the application for payment for materials or equipment stored on or off site.

§ 9.3.3 The Contractor warrants that title to all Work covered by an Application for Payment will pass to the Owner no later than the time of payment. The Contractor further warrants that upon submittal of an Application for Payment all Work for which Certificates for Payment have been previously issued and payments received from the Owner shall, to the best of the Contractor's knowledge, information, and belief, be free and clear of liens, claims, security interests, or encumbrances, in favor of the Contractor, Subcontractors, suppliers, or other persons or entities that provided labor, materials, and equipment relating to the Work. The Contractor shall submit requisitions from suppliers and Subcontractors to substantiate the amounts requested on the Application for Payment for materials or equipment stored on or off site. The Owner shall have no responsibility or liability to the Contractor for the safekeeping of materials and equipment stored at the site or off the site.

§ 9.3.4 Each partial payment request shall be made on or about the tenth (10th) day of each month and Contractor shall request payment of ninety percent (90%) of the portion of the Contract Sum properly allocable to labor, materials, and equipment incorporated in the work, and ninety percent (90%) of the portion of the Contract Sum properly allocable to materials and equipment suitably stored at the site up to the first day of that month, less the aggregate of previous payment in each case. No retainage shall be withheld on Construction Manager's Fee.

§ 9.3.5 A Sworn "Contractor's Affidavit" shall be submitted with each payment request in sufficient form for the Owner to determine Contractor's right to payment. In the event that the Owner is satisfied with Contractor's payment procedures, the Owner may accept partial waivers of lien of subcontractors and suppliers who were included in the immediate preceding payment. The Contractor shall submit waivers on a current basis, but the Owner may allow Subcontractors and suppliers to be not more than one payment late with their partial waivers.

§ 9.3.6 Provided that there are no outstanding liens or claims, and that, in the reasonable opinion of the Owner, the previous work has been done properly and is on schedule for completion of construction, and the unpaid balance in each case is sufficient to complete the unfinished work upon fifty percent (50%) completion of each trade line item and any line item payable to Construction Manager, the Owner shall make subsequent payments in each case for ninety-five percent (95%) of the value of the completed Work, the retainage thus being reduced to five percent (5%).

§ 9.3.7 Upon giving ten (10) days in writing to the Contractor, the full contract retainage may be reinstated and the retention restored to the basis established in paragraph 9.3.4 if the manner of completion of the Work and its progress do not remain satisfactory to the Owner, or if any surety of Contractor withholds its consent.

§ 9.3.8 All material necessary for the construction of this Project, delivered upon the premises, shall not be removed from the premises without written consent of the Architect.

§ 9.3.9 The Contractor shall submit to the Owner: (1) the Contractor's Final Lien Waiver in the full amount of the Contract; and (2) final lien waivers in the full amount of their contracts from all subcontractors and suppliers for which final lien waivers have not previously been submitted.

§ 9.4 Certificates for Payment

§ 9.4.1 The Architect will, within seven days after receipt of the Contractor's Application for Payment, either (1) issue to the Owner a Certificate for Payment in the full amount of the Application for Payment, with a copy to the Contractor; or (2) issue to the Owner a Certificate for Payment for such amount as the Architect determines is properly due, and notify the Contractor and Owner of the Architect's reasons for withholding certification in part as provided in Section 9.5.1; or (3) withhold certification of the entire Application for Payment, and notify the Contractor and Owner of the Architect's reason for withholding certification in whole as provided in Section 9.5.1.

§ 9.4.2 The issuance of a Certificate for Payment will constitute a representation by the Architect to the Owner, based on the Architect's evaluation of the Work and the data in the Application for Payment, that, to the best of the Architect's knowledge, information, and belief, the Work has progressed to the point indicated, the quality of the Work is in accordance with the Contract Documents, and that the Contractor is entitled to payment in the amount certified. The foregoing representations are subject to an evaluation of the Work for conformance with the Contract

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Documents upon Substantial Completion, to results of subsequent tests and inspections, to correction of minor deviations from the Contract Documents prior to completion, and to specific qualifications expressed by the Architect. However, the issuance of a Certificate for Payment will not be a representation that the Architect has (1) made exhaustive or continuous on-site inspections to check the quality or quantity of the Work; (2) reviewed construction means, methods, techniques, sequences, or procedures; (3) reviewed copies of requisitions received from Subcontractors and suppliers and other data requested by the Owner to substantiate the Contractor's right to payment; or (4) made examination to ascertain how or for what purpose the Contractor has used money previously paid on account of the Contract Sum.

§ 9.4.3 The first payment application shall be accompanied by the Contractor's Partial Waiver of Lien only for the full amount of the payment. Each subsequent monthly payment application shall be accompanied by the Contractor's Partial Waiver, and by the Partial Waivers of Subcontractors and Suppliers who were included in the immediately preceding payment application to the extent of that payment. Application for Final Payment shall be accompanied by Final Waivers of Lien from the Contractor, Subcontractors, and Suppliers who have not previously furnished such Final Waivers. Final Waivers shall be for the full amount of the Contract. All applications for payment shall be accompanied by affidavits, in triplicate, from the Contractor and Subcontractors containing such information and in such form as to comply with the Illinois Mechanic's Lien Act and showing in detail the sources of all labor and materials used and contracted to be used on the job, including names and addresses of subcontractors and material suppliers; amounts paid and remaining due to each; together with all other documents as shall, in the Owner's and Architect's judgment, be necessary to waive all claims of liens to date and comply with all applicable state and local laws.

§ 9.5 Decisions to Withhold Certification

§ 9.5.1 The Architect may withhold a Certificate for Payment in whole or in part, to the extent reasonably necessary to protect the Owner, if in the Architect's opinion the representations to the Owner required by Section 9.4.2 cannot be made. If the Architect is unable to certify payment in the amount of the Application, the Architect will notify the Contractor and Owner as provided in Section 9.4.1. If the Contractor and Architect cannot agree on a revised amount, the Architect will promptly issue a Certificate for Payment for the amount for which the Architect is able to make such representations to the Owner. The Architect may also withhold a Certificate for Payment or, because of subsequently discovered evidence, may nullify the whole or a part of a Certificate for Payment previously issued, to such extent as may be necessary in the Architect's opinion to protect the Owner from loss for which the Contractor is responsible, including loss resulting from acts and omissions described in Section 3.3.2, because of

- **.1** defective Work not remedied;
- **.2** third party claims filed or reasonable evidence indicating probable filing of such claims, unless security acceptable to the Owner is provided by the Contractor;
- **.3** failure of the Contractor to make payments properly to Subcontractors or suppliers for labor, materials or equipment;
- **.4** reasonable evidence that the Work cannot be completed for the unpaid balance of the Contract Sum;
- **.5** damage to the Owner or a Separate Contractor;
- **.6** reasonable evidence that the Work will not be completed within the Contract Time, and that the unpaid balance would not be adequate to cover actual or liquidated damages for the anticipated delay; or
- **.7** repeated failure to carry out the Work in accordance with the Contract Documents.

§ 9.5.2 When either party disputes the Architect's decision regarding a Certificate for Payment under Section 9.5.1, in whole or in part, that party may submit a Claim in accordance with Article 15.

§ 9.5.3 When the reasons for withholding certification are removed, certification will be made for amounts previously withheld.

§ 9.5.4 If the Architect withholds certification for payment under Section 9.5.1.3, the Owner may, at its sole option, issue joint checks to the Contractor and to any Subcontractor or supplier to whom the Contractor failed to make payment for Work properly performed or material or equipment suitably delivered. If the Owner makes payments by joint check, the Owner shall notify the Architect and the Contractor shall reflect such payment on its next Application for Payment.

§ 9.5.5 The Owner shall not be required to make payment unless in its own independent judgment it accepts the

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Architect's Certificate.

§ 9.6 Progress Payments

§ 9.6.1 After the Architect has issued a Certificate for Payment, the Owner shall make payment in the manner and within the time provided in the Contract Documents, and shall so notify the Architect.

§ 9.6.2 The Contractor shall pay each Subcontractor, no later than seven days after receipt of payment from the Owner, the amount to which the Subcontractor is entitled, reflecting percentages actually retained from payments to the Contractor on account of the Subcontractor's portion of the Work. The Contractor shall, by appropriate agreement with each Subcontractor, require each Subcontractor to make payments to Sub-subcontractors in a similar manner.

§ 9.6.3 The Architect will, on request, furnish to a Subcontractor, if practicable, information regarding percentages of completion or amounts applied for by the Contractor and action taken thereon by the Architect and Owner on account of portions of the Work done by such Subcontractor. Notwithstanding paragraph 4.6.7, the Contractor, the Architect and Subcontractor may communicate directly on the matters covered by this paragraph.

§ 9.6.4 The Owner has the right to request written evidence from the Contractor that the Contractor has properly paid Subcontractors and suppliers amounts paid by the Owner to the Contractor for subcontracted Work. If the Contractor fails to furnish such evidence within seven days, the Owner shall have the right to contact Subcontractors and suppliers to ascertain whether they have been properly paid. Neither the Owner nor Architect shall have an obligation to pay, or to see to the payment of money to, a Subcontractor or supplier, except as may otherwise be required by law.

§ 9.6.5 The Contractor's payments to suppliers shall be treated in a manner similar to that provided in Sections 9.6.2, 9.6.3 and 9.6.4.

§ 9.6.6 A Certificate for Payment, a progress payment, or partial or entire use or occupancy of the Project by the Owner shall not constitute acceptance of Work not in accordance with the Contract Documents.

§ 9.6.7 Unless the Contractor provides the Owner with a payment bond in the full penal sum of the Contract Sum, payments received by the Contractor for Work properly performed by Subcontractors or provided by suppliers shall be held by the Contractor for those Subcontractors or suppliers who performed Work or furnished materials, or both, under contract with the Contractor for which payment was made by the Owner. Nothing contained herein shall require money to be placed in a separate account and not commingled with money of the Contractor, create any fiduciary liability or tort liability on the part of the Contractor for breach of trust, or entitle any person or entity to an award of punitive damages against the Contractor for breach of the requirements of this provision.

§ 9.6.8 Provided the Owner has fulfilled its payment obligations under the Contract Documents, the Contractor shall defend and indemnify the Owner from all loss, liability, damage or expense, including reasonable attorney's fees and litigation expenses, arising out of any lien claim or other claim for payment by any Subcontractor or supplier of any tier. Upon receipt of notice of a lien claim or other claim for payment, the Owner shall notify the Contractor. If approved by the applicable court, when required, the Contractor may substitute a surety bond for the property against which the lien or other claim for payment has been asserted.

§ 9.7 Failure of Payment

If the Architect does not issue a Certificate for Payment, through no fault of the Contractor, within seven days after receipt of the Contractor's Application for Payment, or if the Owner does not pay the Contractor within seven days after the date established in the Contract Documents, the amount certified by the Architect or awarded by binding dispute resolution, then the Contractor may, upon seven additional days' notice to the Owner and Architect, stop the Work until payment of the amount owing has been received. The Contract Time shall be extended appropriately and the Contract Sum shall be increased by the amount of the Contractor's reasonable costs of shutdown, delay and start-up, plus interest as provided for in the Contract Documents.

§ 9.8 Substantial Completion

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§ 9.8.1 Substantial Completion is the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work for its intended use.

§ 9.8.2 When the Contractor considers that the Work, or a portion thereof which the Owner agrees to accept separately, is substantially complete, the Contractor shall prepare and submit to the Architect a comprehensive list of items to be completed or corrected prior to final payment. Failure to include an item on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

§ 9.8.3 Upon receipt of the Contractor's list, the Architect will make an inspection to determine whether the Work or designated portion thereof is substantially complete. If the Architect's inspection discloses any item, whether or not included on the Contractor's list, which is not sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work or designated portion thereof for its intended use, the Contractor shall, before issuance of the Certificate of Substantial Completion, complete or correct such item upon notification by the Architect. In such case, the Contractor shall then submit a request for another inspection by the Architect to determine Substantial Completion.

§ 9.8.4 When the Work or designated portion thereof is substantially complete, the Architect will prepare a Certificate of Substantial Completion that shall establish the date of Substantial Completion; establish responsibilities of the Owner and Contractor for security, maintenance, heat, utilities, damage to the Work and insurance; and fix the time within which the Contractor shall finish all items on the list accompanying the Certificate. Warranties required by the Contract Documents shall commence on the date of Substantial Completion of the Work or designated portion thereof unless otherwise provided in the Certificate of Substantial Completion.

§ 9.8.5 The Certificate of Substantial Completion shall be submitted to the Owner and Contractor for their written acceptance of responsibilities assigned to them in the Certificate. With respect to Work enumerated on the list that accompanies the Certificate of Substantial Completion, the guarantee or warranty period shall start at the time of subsequent acceptance of this Work in writing by the Owner. Upon such acceptance, and consent of surety if any, the Owner shall make payment of retainage applying to the Work or designated portion thereof. Such payment shall be adjusted for Work that is incomplete or not in accordance with the requirements of the Contract Documents.

§ 9.9 Partial Occupancy or Use

§ 9.9.1 The Owner may occupy or use any completed or partially completed portion of the Work at any stage when such portion is designated by separate agreement with the Contractor, provided such occupancy or use is consented to by the insurer and authorized by public authorities having jurisdiction over the Project. Such partial occupancy or use may commence whether or not the portion is substantially complete, provided the Owner and Contractor have accepted in writing the responsibilities assigned to each of them for payments, retainage, if any, security, maintenance, heat, utilities, damage to the Work and insurance, and have agreed in writing concerning the period for correction of the Work and commencement of warranties required by the Contract Documents. When the Contractor considers a portion substantially complete, the Contractor shall prepare and submit a list to the Architect as provided under Section 9.8.2. Consent of the Contractor to partial occupancy or use shall not be unreasonably withheld. The stage of the progress of the Work shall be determined by written agreement between the Owner and Contractor or, if no agreement is reached, by decision of the Architect.

§ 9.9.2 Immediately prior to such partial occupancy or use, the Owner, Contractor, and Architect shall jointly inspect the area to be occupied or portion of the Work to be used in order to determine and record the condition of the Work.

§ 9.9.3 Unless otherwise agreed upon, partial occupancy or use of a portion or portions of the Work shall not constitute acceptance of Work not complying with the requirements of the Contract Documents.

§ 9.10 Final Completion and Final Payment

§ 9.10.1 Upon receipt of the Contractor's notice that the Work is ready for final inspection and acceptance and upon receipt of a final Application for Payment, the Architect will promptly make such inspection. When the Architect finds the Work acceptable under the Contract Documents and the Contract fully performed, the Architect will promptly issue a final Certificate for Payment stating that to the best of the Architect's knowledge, information and

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belief, and on the basis of the Architect's on-site visits and inspections, the Work has been completed in accordance with the Contract Documents and that the entire balance found to be due the Contractor and noted in the final Certificate is due and payable. The Architect's final Certificate for Payment will constitute a further representation that conditions listed in Section 9.10.2 as precedent to the Contractor's being entitled to final payment have been fulfilled.

§ 9.10.2 Neither final payment nor any remaining retained percentage shall become due until the Contractor submits to the Architect (1) an affidavit that payrolls, bills for materials and equipment, and other indebtedness connected with the Work for which the Owner or the Owner's property might be responsible or encumbered (less amounts withheld by Owner) have been paid or otherwise satisfied, (2) a certificate evidencing that insurance required by the Contract Documents to remain in force after final payment is currently in effect, (3) a written statement that the Contractor knows of no reason that the insurance will not be renewable to cover the period required by the Contract Documents, (4) consent of surety, if any, to final payment, (5) documentation of any special warranties, such as manufacturers' warranties or specific Subcontractor warranties, and (6) if required by the Owner, other data establishing payment or satisfaction of obligations, such as receipts and releases and waivers of liens, claims, security interests, or encumbrances arising out of the Contract, to the extent and in such form as may be designated by the Owner. If a Subcontractor refuses to furnish a release or waiver required by the Owner, the Contractor may furnish a bond satisfactory to the Owner to indemnify the Owner against such lien, claim, security interest, or encumbrance. If a lien, claim, security interest, or encumbrance remains unsatisfied after payments are made, the Contractor shall refund to the Owner all money that the Owner may be compelled to pay in discharging the lien, claim, security interest, or encumbrance, including all costs and reasonable attorneys' fees.

§ 9.10.3 If, after Substantial Completion of the Work, final completion thereof is materially delayed through no fault of the Contractor or by issuance of Change Orders affecting final completion, and the Architect so confirms, the Owner shall, upon application by the Contractor and certification by the Architect, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed, corrected, and accepted. If the remaining balance for Work not fully completed or corrected is less than retainage stipulated in the Contract Documents, and if bonds have been furnished, the written consent of the surety to payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by the Contractor to the Architect prior to certification of such payment. Such payment shall be made under terms and conditions governing final payment, except that it shall not constitute a waiver of Claims.

§ 9.10.4 The making of final payment shall constitute a waiver of Claims by the Owner except those arising from

- **.1** liens, Claims, security interests, or encumbrances arising out of the Contract and unsettled;
- **.2** failure of the Work to comply with the requirements of the Contract Documents;
- **.3** terms of special warranties required by the Contract Documents; or
- **.4** audits performed by the Owner, if permitted by the Contract Documents, after final payment.

§ 9.10.5 Acceptance of final payment by the Contractor, a Subcontractor, or a supplier, shall constitute a waiver of claims by that payee except those previously made in writing and identified by that payee as unsettled at the time of final Application for Payment.

ARTICLE 10 PROTECTION OF PERSONS AND PROPERTY

§ 10.1 Safety Precautions and Programs

The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the performance of the Contract.

§ 10.2 Safety of Persons and Property

§ 10.2.1 The Contractor shall take reasonable precautions for safety of, and shall provide reasonable protection to prevent damage, injury, or loss to

- **.1** employees on the Work and other persons who may be affected thereby;
- **.2** the Work and materials and equipment to be incorporated therein, whether in storage on or off the site, under care, custody, or control of the Contractor, a Subcontractor, or a Sub-subcontractor; and
- **.3** other property at the site or adjacent thereto, such as trees, shrubs, lawns, walks, pavements, roadways, structures, and utilities not designated for removal, relocation, or replacement in the course of construction.

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§ 10.2.2 The Contractor shall comply with, and give notices required by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities, bearing on safety of persons or property or their protection from damage, injury, or loss.

§ 10.2.3 The Contractor shall implement, erect, and maintain, as required by existing conditions and performance of the Contract, reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards; promulgating safety regulations; and notifying the owners and users of adjacent sites and utilities of the safeguards.

§ 10.2.4 When use or storage of explosives or other hazardous materials or equipment, or unusual methods are necessary for execution of the Work, the Contractor shall exercise utmost care and carry on such activities under supervision of properly qualified personnel.

§ 10.2.5 The Contractor shall promptly remedy damage and loss (other than damage or loss insured under property insurance required by the Contract Documents) to property referred to in Sections 10.2.1.2 and 10.2.1.3 caused in whole or in part by the Contractor, a Subcontractor, a Sub-subcontractor, or anyone directly or indirectly employed by any of them, or by anyone for whose acts they may be liable and for which the Contractor is responsible under Sections 10.2.1.2 and 10.2.1.3. The Contractor may make a Claim for the cost to remedy the damage or loss to the extent such damage or loss is attributable to acts or omissions of the Owner or Architect or anyone directly or indirectly employed by either of them, or by anyone for whose acts either of them may be liable, and not attributable to the fault or negligence of the Contractor. The foregoing obligations of the Contractor are in addition to the Contractor's obligations under Section 3.18.

§ 10.2.6 The Contractor shall designate a responsible member of the Contractor's organization at the site whose duty shall be the prevention of accidents. This person shall be the Contractor's superintendent unless otherwise designated by the Contractor in writing to the Owner and Architect.

§ 10.2.7 The Contractor shall not permit any part of the construction or site to be loaded so as to cause damage or create an unsafe condition.

§ 10.2.8 Injury or Damage to Person or Property

If either party suffers injury or damage to person or property because of an act or omission of the other party, or of others for whose acts such party is legally responsible, notice of the injury or damage, whether or not insured, shall be given to the other party within a reasonable time not exceeding 21 days after discovery. The notice shall provide sufficient detail to enable the other party to investigate the matter.

§ 10.3 Hazardous Materials and Substances

§ 10.3.1 The Contractor is responsible for compliance with any requirements included in the Contract Documents regarding hazardous materials or substances. If the Contractor encounters a hazardous material or substance not addressed in the Contract Documents and if reasonable precautions will be inadequate to prevent foreseeable bodily injury or death to persons resulting from a material or substance, including but not limited to asbestos or polychlorinated biphenyl (PCB), encountered on the site by the Contractor, the Contractor shall, upon recognizing the condition, immediately stop Work in the affected area and notify the Owner and Architect of the condition.

§ 10.3.1.1 The Contractor shall not cause or permit any "Hazardous Materials" (as defined herein) to be brought upon, kept or used in or about the Projects site(s) except to the extent such Hazardous Materials: (1) are necessary for the prosecution of the Work; and (2) have been approved in writing by the Owner. Any Hazardous Materials allowed to be used on the Project site(s) shall be used, stored, and disposed of in writing as directed in writing by the Owner. Any Hazardous Materials allowed to be used in the Project site(s) shall be used, stored, and disposed of in compliance with all applicable laws relating to such Hazardous Materials. Any unused or surplus hazardous Materials, as well as, any other Hazardous Materials that have been placed, released, or discharged on the Project site(s) by the Contractor or any of its employees, agents, suppliers, or subcontractors, shall be removed from the Project site(s) at the earlier of (1) completion of the Work requiring the use of such Hazardous Materials; (2) the completion of the Work as a whole; or (3) within twenty-four (24) hours following the Owner's demand for such removal. Such removal shall be undertaken by the Contractor at its sole cost and expense and shall be performed in

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accordance with all applicable laws. The Contractor shall immediately notify the Owner of any release or discharge of any Hazardous Materials on the Project site(s). The Contractor shall provide the Owner with copies of all warning labels on products that the Contractor or any of its subcontractors will be using in connection with the Work, and the Contractor shall be responsible for making any and all disclosures required under applicable "Community Right to Know" or similar laws. The Contractor shall not clean or service any tools, equipment, vehicles, materials, or other items in such a manner as to cause a violation of any laws or regulations relating to Hazardous Materials. All residue and waste materials resulting from any such cleaning or servicing shall be collected and removed from the Project site(s) in accordance with all applicable laws and regulations. The Contractor shall immediately notify the Owner of any citations, orders, or warnings issued to or received by the Contractor, or of which the Contractor otherwise becomes aware, that relate to any Hazardous Materials on the Project site(s). Without limiting any other indemnification provisions pursuant to law or specified in this Agreement, the Contractor shall indemnify, defend (at the Contractor's sole cost, and with legal counsel approved by the Owner), and hold the Owner and Architect harmless from any and all claims, demands, losses, damages, disbursements, liabilities, obligations, fines, penalties, costs, and expenses for removing and remedying the effect of any Hazardous Materials on, under, from, or about the Project site(s), arising out of or relating to, directly or indirectly, the Contractor's or its subcontractor's failures to comply with any of the requirements herein. As used herein, the term "Hazardous Materials" means any hazardous or toxic substances, materials, and wastes listed in the United States Department of transportation Materials Table, or listed by the Environmental Protection Agency as hazardous substances, and all substances, materials, or wastes that are or become regulated under federal, state, or local law.

§ 10.3.2 Upon receipt of the Contractor's notice, the Owner shall obtain the services of a licensed laboratory to verify the presence or absence of the material or substance reported by the Contractor and, in the event such material or substance is found to be present, to cause it to be rendered harmless. Unless otherwise required by the Contract Documents, the Owner shall furnish in writing to the Contractor and Architect the names and qualifications of persons or entities who are to perform tests verifying the presence or absence of the material or substance or who are to perform the task of removal or safe containment of the material or substance. The Contractor and the Architect will promptly reply to the Owner in writing stating whether or not either has reasonable objection to the persons or entities proposed by the Owner. If either the Contractor or Architect has an objection to a person or entity proposed by the Owner, the Owner shall propose another to whom the Contractor and the Architect have no reasonable objection. When the material or substance has been rendered harmless, Work in the affected area shall resume upon written agreement of the Owner and Contractor. By Change Order, the Contract Time shall be extended appropriately and the Contract Sum shall be increased by the amount of the Contractor's reasonable additional costs of shutdown, delay, and start-up.

§ 10.3.3 Intentionally Deleted.

§ 10.3.4 The Owner shall not be responsible under this Section 10.3 for hazardous materials or substances the Contractor brings to the site unless such materials or substances are required by the Contract Documents. The Owner shall be responsible for hazardous materials or substances required by the Contract Documents, except to the extent of the Contractor's fault or negligence in the use and handling of such materials or substances.

§ 10.3.5 The Contractor shall reimburse the Owner for the cost and expense the Owner incurs (1) for remediation of hazardous materials or substances the Contractor brings to the site and negligently handles, or (2) where the Contractor fails to perform its obligations under Section 10.3.1, except to the extent that the cost and expense are due to the Owner's fault or negligence.

§ 10.3.6 If, without negligence on the part of the Contractor, the Contractor is held liable by a government agency for the cost of remediation of a hazardous material or substance solely by reason of performing Work as required by the Contract Documents, the Owner shall reimburse the Contractor for all cost and expense thereby incurred.

§ 10.4 Emergencies

In an emergency affecting safety of persons or property, the Contractor shall act, at the Contractor's discretion, to prevent threatened damage, injury, or loss. Additional compensation or extension of time claimed by the Contractor on account of an emergency shall be determined as provided in Article 15 and Article 7.

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ARTICLE 11 INSURANCE AND BONDS

§ 11.1 Contractor's Insurance and Bonds

§ 11.1.1 The Contractor shall purchase and maintain insurance of the types and limits of liability, containing the endorsements, and subject to the terms and conditions, as described in the Agreement or elsewhere in the Contract Documents. The Contractor shall purchase and maintain the required insurance from an insurance company or insurance companies lawfully authorized to issue insurance in the jurisdiction where the Project is located. The Owner, Architect, and Architect's consultants shall be named as additional insureds under the Contractor's commercial general liability policy or as otherwise described in the Contract Documents.

§ 11.1.2 The Construction Manager shall furnish a performance bond securing faithful performance of the Work and a payment bond. The Performance and Labor and Material Bond shall be written on A.I.A. Document A312 covering the faithful performance by the Construction Manager of the Work specified in accordance with plans and specifications and according to the time and terms and conditions of the contract, and also that the Construction Manager shall properly pay all debts incurred by the Construction Manager in the prosecution of the Work, including those for labor and materials furnished. The cost of the bonds shall be included in the Guaranteed Maximum Price. The amount of the bonds shall be equal to one hundred percent (100%) of the Guaranteed Maximum Price. The Construction Manager shall include in the bond provisions that guarantee faithful performance of the prevailing wage provisions of the contract. The Construction Manager's bonds shall be written by surety approved by Owner with a minimum rating of A- in A.M. Best's Insurance Guide, current edition. The Company must also be licensed in the State of Illinois. The Construction Manager's bonds shall be issued by a surety satisfactory to the Owner and shall name theOwner as primary obligee. Construction Manager may require performance and payment bonds for individual Trade Contractors. Such bonds from individual Trade Contractors shall name Construction Manager as obligee and shall be issued by a surety approved by the Construction Manager.

§ 11.1.3 Upon the request of any person or entity appearing to be a potential beneficiary of bonds covering payment of obligations arising under the Contract, the Contractor shall promptly furnish a copy of the bonds or shall authorize a copy to be furnished.

§11.1.4. The Contractor shall deliver the required bonds to the Owner not later than three (3) days following the date the agreement is entered into, or if the Work is to be commenced prior thereto in response to a Letter of Intent, the Contractor shall, prior to the commencement of the Work, submit the evidence satisfactory to the Owner that such bonds will be furnished.

§11.1.5 The Contractor shall require the attorney-in-fact who executes the required bonds on behalf of the surety to affix thereto a certified and current copy of the power of attorney.

§11.1.6 All insurance coverage provided by insurance companies having policyholder ratings no lower than "A-" and financial ratings no lower than "XII" in the Best's Insurance Guide, latest edition in effect as of the date of the Contract.

§ 11.1.4 Notice of Cancellation or Expiration of Contractor's Required Insurance. Within three (3) business days of the date the Contractor becomes aware of an impending or actual cancellation or expiration of any insurance required by the Contract Documents, the Contractor shall provide notice to the Owner of such impending or actual cancellation or expiration. Upon receipt of notice from the Contractor, the Owner shall, unless the lapse in coverage arises from an act or omission of the Owner, have the right to stop the Work until the lapse in coverage has been cured by the procurement of replacement coverage by the Contractor. The furnishing of notice by the Contractor shall not relieve the Contractor of any contractual obligation to provide any required coverage.

§ 11.2 Owner's Insurance

§ 11.2.1 The Owner shall purchase and maintain insurance of the types and limits of liability, containing the endorsements, and subject to the terms and conditions, as described in the Agreement or elsewhere in the Contract Documents. The Owner shall purchase and maintain the required insurance from an insurance company or insurance companies lawfully authorized to issue insurance in the jurisdiction where the Project is located.

§ 11.3 Waivers of Subrogation

§ 11.3.1 To the extent permitted by the Owner's and Contractors insurance companies, without penalties, the Owner and Contractor waive all rights against (1) each other and any of their subcontractors, sub-subcontractors, agents, and employees, each of the other; (2) the Architect and Architect's consultants; and (3) Separate Contractors, if any,

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and any of their subcontractors, sub-subcontractors, agents, and employees, for damages caused by fire, or other causes of loss, to the extent those losses are covered by property insurance required by the Agreement or other property insurance applicable to the Project, except such rights as they have to proceeds of such insurance. The Owner or Contractor, as appropriate, shall require similar written waivers in favor of the individuals and entities identified above from the Architect, Architect's consultants, Separate Contractors, subcontractors, and sub-subcontractors. The policies of insurance purchased and maintained by each person or entity agreeing to waive claims pursuant to this section 11.3.1 shall not prohibit this waiver of subrogation. This waiver of subrogation shall be effective as to a person or entity (1) even though that person or entity would otherwise have a duty of indemnification, contractual or otherwise, (2) even though that person or entity did not pay the insurance premium directly or indirectly, or (3) whether or not the person or entity had an insurable interest in the damaged property.

§ 11.3.2 If during the Project construction period the Owner insures properties, real or personal or both, at or adjacent to the site by property insurance under policies separate from those insuring the Project, or if after final payment property insurance is to be provided on the completed Project through a policy or policies other than those insuring the Project during the construction period, to the extent permissible by such policies, the Owner waives all rights in accordance with the terms of Section 11.3.1 for damages caused by fire or other causes of loss covered by this separate property insurance.

§ 11.4 Loss of Use, Business Interruption, and Delay in Completion Insurance

The Owner, at the Owner's option, may purchase and maintain insurance that will protect the Owner against loss of use of the Owner's property, or the inability to conduct normal operations, due to fire or other causes of loss.

§11.5 Adjustment and Settlement of Insured Loss

§ 11.5.1 A loss insured under the property insurance required by the Agreement shall be adjusted by the Owner as fiduciary and made payable to the Owner as fiduciary for the insureds, as their interests may appear, subject to requirements of any applicable mortgagee clause and of Section 11.5.2. The Owner shall pay the Architect and Contractor their just shares of insurance proceeds received by the Owner, and by appropriate agreements the Architect and Contractor shall make payments to their consultants and Subcontractors in similar manner.

§ 11.5.2 Prior to settlement of an insured loss, the Owner shall notify the Contractor of the terms of the proposed settlement as well as the proposed allocation of the insurance proceeds. The Contractor shall have 14 days from receipt of notice to object to the proposed settlement or allocation of the proceeds. If the Contractor does not object, the Owner shall settle the loss and the Contractor shall be bound by the settlement and allocation. Upon receipt, the Owner shall deposit the insurance proceeds in a separate account and make the appropriate distributions. Thereafter, if no other agreement is made or the Owner does not terminate the Contract for convenience, the Owner and Contractor shall execute a Change Order for reconstruction of the damaged or destroyed Work in the amount allocated for that purpose. If the Contractor timely objects to either the terms of the proposed settlement or the allocation of the proceeds, the Owner may proceed to settle the insured loss, and any dispute between the Owner and Contractor arising out of the settlement or allocation of the proceeds shall be resolved pursuant to Article 15. Pending resolution of any dispute, the Owner may issue a Construction Change Directive for the reconstruction of the damaged or destroyed Work.

ARTICLE 12 UNCOVERING AND CORRECTION OF WORK

§ 12.1 Uncovering of Work

§ 12.1.1 If a portion of the Work is covered contrary to the Architect's request or to requirements specifically expressed in the Contract Documents, it must, if requested in writing by the Architect, be uncovered for the Architect's examination and be replaced at the Contractor's expense without change in the Contract Time.

§ 12.1.2 If a portion of the Work has been covered that the Architect has not specifically requested to examine prior to its being covered, the Architect may request to see such Work and it shall be uncovered by the Contractor. If such Work is in accordance with the Contract Documents, the Contractor shall be entitled to an equitable adjustment to the Contract Sum and Contract Time as may be appropriate. If such Work is not in accordance with the Contract Documents, the costs of uncovering the Work, and the cost of correction, shall be at the Contractor's expense.

§ 12.2 Correction of Work

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§ 12.2.1 Before Substantial Completion

The Contractor shall promptly correct Work rejected by the Architect or failing to conform to the requirements of the Contract Documents, discovered before Substantial Completion and whether or not fabricated, installed or completed. Costs of correcting such rejected Work, including additional testing and inspections, the cost of uncovering and replacement, and compensation for the Architect's services and expenses made necessary thereby, shall be at the Contractor's expense.

§ 12.2.2 After Substantial Completion

§ 12.2.2.1 In addition to the Contractor's obligations under Section 3.5, if, within one year after the date of Substantial Completion of the Work or designated portion thereof or after the date for commencement of warranties established under Section 9.9.1, or by terms of any applicable special warranty required by the Contract Documents, any of the Work is found to be not in accordance with the requirements of the Contract Documents, the Contractor shall correct it promptly after receipt of notice from the Owner to do so, unless the Owner has previously given the Contractor a written acceptance of such condition. The Owner shall give such notice promptly after discovery of the condition. During the one-year period for correction of Work, if the Owner fails to notify the Contractor and give the Contractor an opportunity to make the correction, the Owner waives the rights to require correction by the Contractor and to make a claim for breach of warranty. If the Contractor fails to correct nonconforming Work within a reasonable time during that period after receipt of notice from the Owner or Architect, the Owner may correct it in accordance with Section 2.5.

§ 12.2.2.2 The one-year period for correction of Work shall be extended with respect to portions of Work first performed after Substantial Completion by the period of time between Substantial Completion and the actual completion of that portion of the Work.

§ 12.2.2.3 The one-year period for correction of Work shall not be extended by corrective Work performed by the Contractor pursuant to this Section 12.2. In the case of any Work performed in correcting defects pursuant to guarantees or warranties provided or referred to by this Article 12, the warranty or guarantee period shall begin anew from the date of the completion or correction of such Work.

§ 12.2.3 The Contractor shall remove from the site portions of the Work that are not in accordance with the requirements of the Contract Documents and are neither corrected by the Contractor nor accepted by the Owner.

§ 12.2.4 The Contractor shall bear the cost of correcting destroyed or damaged construction of the Owner or Separate Contractors, whether completed or partially completed, caused by the Contractor's correction or removal of Work that is not in accordance with the requirements of the Contract Documents.

§ 12.2.5 Nothing contained in this Section 12.2 shall be construed to establish a period of limitation with respect to other obligations the Contractor has under the Contract Documents. Establishment of the one-year period for correction of Work as described in Section 12.2.2 relates only to the specific obligation of the Contractor to correct the Work, and has no relationship to the time within which the obligation to comply with the Contract Documents may be sought to be enforced, nor to the time within which proceedings may be commenced to establish the Contractor's liability with respect to the Contractor's obligations other than specifically to correct the Work.

§ 12.3 Acceptance of Nonconforming Work

If the Owner prefers to accept Work that is not in accordance with the requirements of the Contract Documents, the Owner may do so instead of requiring its removal and correction, in which case the Contract Sum will be reduced as appropriate and equitable. Such adjustment shall be effected whether or not final payment has been made.

ARTICLE 13 MISCELLANEOUS PROVISIONS

§ 13.1 Governing Law

The Contract shall be governed by the law of the place where the Project is located, excluding that jurisdiction's choice of law rules. If the parties have selected arbitration as the method of binding dispute resolution, the Federal Arbitration Act shall govern Section 15.4.

§ 13.2 Successors and Assigns

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§ 13.2.1 The Owner and Contractor respectively bind themselves, their partners, successors, assigns, and legal representatives to covenants, agreements, and obligations contained in the Contract Documents. Except as provided in Section 13.2.2, neither party to the Contract shall assign the Contract as a whole without written consent of the other. If either party attempts to make an assignment without such consent, that party shall nevertheless remain legally responsible for all obligations under the Contract. Notwithstanding any of the provisions of this paragraph, however, the Owner may assign the Contract to an affiliated entity without the consent of the Contractor.

§ 13.2.2 The Owner may, without consent of the Contractor, assign the Contract to a lender providing construction financing for the Project, if the lender assumes the Owner's rights and obligations under the Contract Documents. The Contractor shall execute all consents reasonably required to facilitate the assignment.

§ 13.3 Rights and Remedies

§ 13.3.1 Duties and obligations imposed by the Contract Documents and rights and remedies available thereunder shall be in addition to and not a limitation of duties, obligations, rights, and remedies otherwise imposed or available by law.

§ 13.3.2 No action or failure to act by the Owner, Architect, or Contractor shall constitute a waiver of a right or duty afforded them under the Contract, nor shall such action or failure to act constitute approval of or acquiescence in a breach thereunder, except as may be specifically agreed upon in writing.

§ 13.4 Tests and Inspections

§ 13.4.1 Tests, inspections, and approvals of portions of the Work shall be made as required by the Contract Documents and by applicable laws, statutes, ordinances, codes, rules, and regulations or lawful orders of public authorities. Unless otherwise provided, the Contractor shall make arrangements for such tests, inspections, and approvals with an independent testing laboratory or entity acceptable to the Owner, or with the appropriate public authority, and shall bear all related costs of tests, inspections, and approvals. The Contractor shall give the Architect timely notice of when and where tests and inspections are to be made so that the Architect may be present for such procedures. The Owner shall bear costs of tests, inspections, or approvals that do not become requirements until after bids are received or negotiations concluded. The Owner shall directly arrange and pay for tests, inspections, or approvals where building codes or applicable laws or regulations so require.

§ 13.4.2 If the Architect, Owner, or public authorities having jurisdiction determine that portions of the Work require additional testing, inspection, or approval not included under Section 13.4.1, the Architect will, upon written authorization from the Owner, instruct the Contractor to make arrangements for such additional testing, inspection, or approval, by an entity acceptable to the Owner, and the Contractor shall give timely notice to the Architect of when and where tests and inspections are to be made so that the Architect may be present for such procedures. Such costs, except as provided in Section 13.4.3, shall be at the Owner's expense.

§ 13.4.3 If procedures for testing, inspection, or approval under Sections 13.4.1 and 13.4.2 reveal failure of the portions of the Work to comply with requirements established by the Contract Documents, all costs made necessary by such failure, including those of repeated procedures and compensation for the Architect's services and expenses, shall be at the Contractor's expense.

§ 13.4.4 Required certificates of testing, inspection, or approval shall, unless otherwise required by the Contract Documents, be secured by the Contractor and promptly delivered to the Architect.

§ 13.4.5 If the Architect is to observe tests, inspections, or approvals required by the Contract Documents, the Architect will do so promptly and, where practicable, at the normal place of testing.

§ 13.4.6 Tests or inspections conducted pursuant to the Contract Documents shall be made promptly to avoid unreasonable delay in the Work.

ARTICLE 14 TERMINATION OR SUSPENSION OF THE CONTRACT

§ 14.1 Termination by the Contractor

§ 14.1.1 The Contractor may terminate the Contract if the Work is stopped for a period of 30 consecutive days

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through no act or fault of the Contractor, a Subcontractor, a Sub-subcontractor, their agents or employees, or any other persons or entities performing portions of the Work, for any of the following reasons:

.1 Issuance of an order of a court or other public authority having jurisdiction that requires all Work to be stopped;

.2 An act of government, such as a declaration of national emergency, that requires all Work to be stopped;

.3 Because the Architect has not issued a Certificate for Payment and has not notified the Contractor of the reason for withholding certification as provided in Section 9.4.1, or because the Owner has not made payment on a Certificate for Payment within the time stated in the Contract Documents; or

.4 The Owner has failed to furnish to the Contractor reasonable evidence as required by Section 2.2.

§ 14.1.2 The Contractor may terminate the Contract if, through no act or fault of the Contractor, a Subcontractor, a Sub-subcontractor, their agents or employees, or any other persons or entities performing portions of the Work, repeated suspensions, delays, or interruptions of the entire Work by the Owner as described in Section 14.3, constitute in the aggregate more than 100 percent of the total number of days scheduled for completion, or 120 days in any 365-day period, whichever is less.

§ 14.1.3 If one of the reasons described in Section 14.1.1 or 14.1.2 exists, the Contractor may, upon seven days' notice to the Owner and Architect, terminate the Contract and recover from the Owner payment for Work executed, as well as reasonable overhead and profit on Work not executed, and costs incurred by reason of such termination. The amount for overhead and profit that the Contractor is entitled to recover, pursuant to this paragraph, shall be subject to the provisions of Section 7.5.

§ 14.1.4 If the Work is stopped for a period of 60 consecutive days through no act or fault of the Contractor, a Subcontractor, a Sub-subcontractor, or their agents or employees or any other persons or entities performing portions of the Work because the Owner has repeatedly failed to fulfill the Owner's obligations under the Contract Documents with respect to matters important to the progress of the Work, the Contractor may, upon seven additional days' notice to the Owner and the Architect, terminate the Contract and recover from the Owner as provided in Section 14.1.3.

§ 14.2 Termination by the Owner for Cause

§ 14.2.1 The Owner may terminate the Contract if the Contractor

.1 repeatedly refuses or fails to supply enough properly skilled workers or proper materials;

.2 fails to make payment to Subcontractors or suppliers in accordance with the respective agreements between the Contractor and the Subcontractors or suppliers;

.3 repeatedly disregards applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of a public authority;

.4 becomes insolvent, or makes an assignment for the benefit of creditors;

.5 anyone on behalf of the Contractor commits fraud of any type;

-6 files a petition or other document of any kind regarding bankruptcy or insolvency or any legal proceeding regarding the same;

.7 abandons the work;

.8 **has pursued** the progress of the construction such that the Owner reasonably can believe that the Contractor will not be able to achieve the timetables or standards of the Work or the Project and failures are neither excused nor justified;

.9 has breached a substantive term of this Agreement and has failed to correct in full the breach within five days after notice of the breach from the Owner; or

.10 otherwise is guilty of substantial breach of a provision of the Contract Documents.

§ 14.2.2 When any of the reasons described in Section 14.2.1 exist, and upon certification by the Architect that sufficient cause exists to justify such action, the Owner may, without prejudice to any other rights or remedies of the Owner and after giving the Contractor and the Contractor's surety, if any, seven days' notice, terminate employment of the Contractor and may, subject to any prior rights of the surety:

.1 Exclude the Contractor from the site and take possession of all materials, equipment, tools, and construction equipment and machinery thereon owned by the Contractor;

.2 Accept assignment of subcontracts pursuant to Section 5.4; and

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.3 Finish the Work by whatever reasonable method the Owner may deem expedient. Upon written request of the Contractor, the Owner shall furnish to the Contractor a detailed accounting of the costs incurred by the Owner in finishing the Work.

§ 14.2.3 When the Owner terminates the Contract for one of the reasons stated in Section 14.2.1, the Contractor shall not be entitled to receive further payment until the Work is finished.

§ 14.2.4 If the unpaid balance of the Contract Sum exceeds costs of finishing the Work, including compensation for the Architect's services and expenses made necessary thereby, and other damages incurred by the Owner and not expressly waived, such excess shall be paid to the Contractor. If such costs and damages exceed the unpaid balance, the Contractor shall pay the difference to the Owner. The amount to be paid to the Contractor or Owner, as the case may be, shall be certified by the Initial Decision Maker, upon application, and this obligation for payment shall survive termination of the Contract.

§ 14.3 Suspension by the Owner for Convenience

§ 14.3.1 The Owner may, without cause, order the Contractor in writing to suspend, delay or interrupt the Work, in whole or in part for such period of time as the Owner may determine.

§14.3.2 If suspension, delay or interruption by the Owner under Section 14.3.1 constitutes in the aggregate more than twenty percent (20%) of the total number of days scheduled for completion, an adjustment shall be made for increases in the cost of performance of this Contract, excluding profit caused by suspension, delay or interruption. No adjustment will be made to the extent:

.1 that performance is, was, or would have been, so suspended, delayed, or interrupted, by another cause for which the Contractor is responsible including the fault of negligence of the Contractor; or

.2 that an equitable adjustment is made or denied under another provision of the Contract.

§14.3.3 Any adjustment made in the Contract Sum pursuant to paragraph 14.3.2 shall be subject to the provisions of paragraphs 7.3.4.1 through 7.3.4.5. Overhead shall be allowed the percentages given in paragraph 7.5.

§ 14.4 Termination by the Owner for Convenience

§ 14.4.1 The Owner may, at any time, terminate the Contract for the Owner's convenience and without cause. Termination by the Owner under this paragraph shall be by a Notice of Termination delivered to the Contractor specifying the extent of termination and the effective date.

§ 14.4.2 Upon receipt of notice from the Owner of such termination for the Owner's convenience, the Contractor shall immediately, in accordance with instructions from the Owner, proceed with performance of the following duties regardless of delay in determining or adjusting amount due under this paragraph:

.1 cease operations as specified in the notice;

.2 place no further orders and enter into no further subcontracts for materials, labor, services or facilities except as necessary to complete continued portions of the Contract;

.3 terminate all subcontractors and orders to the extent they relate to the Work terminated;

.4 proceed to complete the performance of Work not terminated; and

.5 take actions that may be necessary, or that the Owner may direct, for the protection and preservation of the terminated Work.

§ 14.4.3 In case of such termination for the Owner's convenience, the Owner shall pay the Contractor for Work properly executed; costs incurred by reason of the termination, including costs attributable to termination of Subcontracts; and the termination fee, if any, set forth in the Agreement.

§ 14.4.4 Allowances shall be made for payment previously made to the Contractor for the terminated portion of the Work, and claims which the Owner has against the Contractor under the Contract, and for the value of materials, supplies, equipment or other items that are part of the cost of the Work to be disposed of by the Contractor.

ARTICLE 15 CLAIMS AND DISPUTES

§ 15.1 Claims

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§ 15.1.1 Definition

A Claim is a demand or assertion by one of the parties seeking, as a matter of right, payment of money, a change in the Contract Time, or other relief with respect to the terms of the Contract. The term "Claim" also includes other disputes and matters in question between the Owner and Contractor arising out of or relating to the Contract. The responsibility to substantiate Claims shall rest with the party making the Claim. This Section 15.1.1 does not require the Owner to file a Claim in order to impose liquidated damages in accordance with the Contract Documents.

§ 15.1.2 Time Limits on Claims

The Owner and Contractor shall commence all Claims and causes of action against the other and arising out of or related to the Contract, whether in contract, tort, breach of warranty or otherwise, in accordance with the requirements of the binding dispute resolution method selected in the Agreement and within the period specified by applicable law, but in any case not more than 10 years after the date of Substantial Completion of the Work. The Owner and Contractor waive all Claims and causes of action not commenced in accordance with this Section.

§ 15.1.3 Notice of Claims

§ 15.1.3.1 Claims by either the Owner or Contractor, where the condition giving rise to the Claim is first discovered prior to expiration of the period for correction of the Work set forth in Section 12.2.2, shall be initiated by notice to the other party and to the Initial Decision Maker with a copy sent to the Architect, if the Architect is not serving as the Initial Decision Maker. Claims by either party under this Section 15.1.3.1 shall be initiated within 21 days after occurrence of the event giving rise to such Claim in accordance with Section 15.1.2 above.

§ 15.1.3.2 Claims by either the Owner or Contractor, where the condition giving rise to the Claim is first discovered after expiration of the period for correction of the Work set forth in Section 12.2.2, shall be initiated by notice to the other party. In such event, no decision by the Initial Decision Maker is required.

§ 15.1.4 Continuing Contract Performance

§ 15.1.4.1 Pending final resolution of a Claim, except as otherwise agreed in writing or as provided in Section 9.7 and Article 14, the Contractor shall proceed diligently with performance of the Contract and the Owner shall continue to make payments in accordance with the Contract Documents.

§ 15.1.4.2 The Contract Sum and Contract Time shall be adjusted in accordance with the Initial Decision Maker's decision, subject to the right of either party to proceed in accordance with this Article 15. The Architect will issue Certificates for Payment in accordance with the decision of the Initial Decision Maker.

§ 15.1.5 Claims for Additional Cost

If the Contractor wishes to make a Claim for an increase in the Contract Sum, notice as provided in Section 15.1.3 shall be given before proceeding to execute the portion of the Work that is the subject of the Claim. Prior notice is not required for Claims relating to an emergency endangering life or property arising under Section 10.4.

§ 15.1.5.1 If the Contractor believes additional cost is involved for reasons including but not limited to (1) a written interpretation from the Architect, (2) an order by the Owner to stop the Work where the Contractor was not at fault, (3) a written order for a minor change in the Work issued by the Architect, (4) failure of payment by the Owner, (5) termination of the Contract by the Owner, (6) Owner's suspension or (7) other reasonable grounds, Claim shall be filed in accordance with this Article.

§ 15.1.5.2 Subparagraphs 15.1.5 and 15.1.5.1 are not intended to, and shall not, create any additional grounds upon which the Contractor shall be entitled to an increase in the Contract Sum beyond those grounds provided elsewhere in this Contract.

§ 15.1.6 Claims for Additional Time

§ 15.1.6.1 If the Contractor wishes to make a Claim for an increase in the Contract Time, notice as provided in Section 15.1.3 shall be given. The Contractor's Claim shall include an estimate of cost and of probable effect of delay on progress of the Work. In the case of a continuing delay, only one Claim is necessary.

§ 15.1.6.2 If adverse weather conditions are the basis for a Claim for additional time, such Claim shall be

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documented by data substantiating that weather conditions were abnormal for the period of time, could not have been reasonably anticipated, and had an adverse effect on the scheduled construction.

§ 15.1.6.3 Injury or Damage to Person or Property. If either party to the Contract suffers injury or damage to person or property because of an act or omission of the other party, or of others for whose acts such party is legally responsible, written notice of such injury or damage, whether or not insured, shall be given to the other party within a reasonable time not exceeding 21 days after discovery. The notice shall provide sufficient detail to enable the other party to investigate the matter.

§ 15.1.7 Waiver of Claims for Consequential Damages

The Contractor and Owner waive Claims against each other for consequential damages arising out of or relating to this Contract. This mutual waiver includes

.1 damages incurred by the Owner for rental expenses, for losses of use, income, profit, financing, business and reputation, and for loss of management or employee productivity or of the services of such persons; and

.2 damages incurred by the Contractor for principal office expenses including the compensation of personnel stationed there, for losses of financing, business and reputation, and for loss of profit, except anticipated profit arising directly from the Work.

This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination in accordance with Article 14. Nothing contained in this Section 15.1.7 shall be deemed to preclude assessment of liquidated damages, when applicable, in accordance with the requirements of the Contract Documents.

§ 15.1.8 Claims for Concealed or Unknown Conditions. If conditions are encountered at the site which are (1) subsurface or otherwise concealed physical conditions which differ materially from those indicated in the Contract Documents or (2) unknown physical conditions of an unusual nature, which differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for in the Contract Documents, then notice by the observing party shall be given to the other party promptly before conditions are disturbed and in no event later than 21 days after first observance of the conditions. The Architect will promptly investigate such conditions and, if they differ materially and cause an increase or decrease in the Contractor's cost of, or time required for, performance of any part of the Work, will recommend an equitable adjustment in the Contract Sum or Contract Time, or both. If the Architect determines that the conditions at the site are not materially different from those indicated in the Contract Documents and that no change in the terms of the Contract is justified, the Architect shall so notify the Owner and Contractor in writing, stating the reasons. Claims by either party in opposition to such determination must be made within 21 days after the Architect has given notice of the decision. If the conditions encountered are materially different, the Contract Sum and Contract Time shall be equitably adjusted, but if the Owner and Contractor cannot agree on an adjustment in the Contract Sum or Contract Time, the adjustment shall be referred to the Architect for initial determination, subject to further proceedings pursuant to Section 15.2. The site conditions contemplated by this Subparagraph include, but are not limited to, materials containing asbestos, polychlorinated biphenyl (PCB), or hazardous materials.

§ 15.1.9 The Contractor agrees to waive any right which it may have to punitive damages from the Owner and agrees not to make any claim or demand for punitive damages against the Owner.

§ 15.2 Initial Decision

§ 15.2.1 Claims, excluding those where the condition giving rise to the Claim is first discovered after expiration of the period for correction of the Work set forth in Section 12.2.2 or arising under Sections 10.3, 10.4, and 11.5, shall be referred to the Initial Decision Maker for initial decision. The Architect will serve as the Initial Decision Maker, unless otherwise indicated in the Agreement. Except for those Claims excluded by this Section 15.2.1, an initial decision shall be required as a condition precedent to mediation of any Claim. If an initial decision has not been rendered within 30 days after the Claim has been referred to the Initial Decision Maker, the party asserting the Claim may demand mediation and binding dispute resolution without a decision having been rendered. Unless the Initial Decision Maker and all affected parties agree, the Initial Decision Maker will not decide disputes between the Contractor and persons or entities other than the Owner.

§ 15.2.2 The Initial Decision Maker will review Claims and within ten days of the receipt of a Claim take one or

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more of the following actions: (1) request additional supporting data from the claimant or a response with supporting data from the other party, (2) reject the Claim in whole or in part, (3) approve the Claim, (4) suggest a compromise, or (5) advise the parties that the Initial Decision Maker is unable to resolve the Claim if the Initial Decision Maker lacks sufficient information to evaluate the merits of the Claim or if the Initial Decision Maker concludes that, in the Initial Decision Maker's sole discretion, it would be inappropriate for the Initial Decision Maker to resolve the Claim.

§ 15.2.3 In evaluating Claims, the Initial Decision Maker may, but shall not be obligated to, consult with or seek information from either party or from persons with special knowledge or expertise who may assist the Initial Decision Maker in rendering a decision. The Initial Decision Maker may request the Owner to authorize retention of such persons at the Owner's expense.

§ 15.2.4 If the Initial Decision Maker requests a party to provide a response to a Claim or to furnish additional supporting data, such party shall respond, within ten days after receipt of the request, and shall either (1) provide a response on the requested supporting data, (2) advise the Initial Decision Maker when the response or supporting data will be furnished, or (3) advise the Initial Decision Maker that no supporting data will be furnished. Upon receipt of the response or supporting data, if any, the Initial Decision Maker will either reject or approve the Claim in whole or in part.

§ 15.2.5 The Initial Decision Maker will render an initial decision approving or rejecting the Claim, or indicating that the Initial Decision Maker is unable to resolve the Claim. This initial decision shall (1) be in writing; (2) state the reasons therefor; and (3) notify the parties and the Architect, if the Architect is not serving as the Initial Decision Maker, of any change in the Contract Sum or Contract Time or both. The initial decision shall be final and binding on the parties but subject to mediation and, if the parties fail to resolve their dispute through mediation, to binding dispute resolution.

§ 15.2.6 Either party may file for mediation of an initial decision at any time, subject to the terms of Section 15.2.6.1.

§ 15.2.6.1 Either party may, within 30 days from the date of receipt of an initial decision, demand in writing that the other party file for mediation. If such a demand is made and the party receiving the demand fails to file for mediation within 30 days after receipt thereof, then both parties waive their rights to mediate or pursue binding dispute resolution proceedings with respect to the initial decision.

§ 15.2.7 In the event of a Claim against the Contractor, the Owner may, but is not obligated to, notify the surety, if any, of the nature and amount of the Claim. If the Claim relates to a possibility of a Contractor's default, the Owner may, but is not obligated to, notify the surety and request the surety's assistance in resolving the controversy.

§ 15.2.8 If a Claim relates to or is the subject of a mechanic's lien, the party asserting such Claim may proceed in accordance with applicable law to comply with the lien notice or filing deadlines.

§16.1 EQUAL OPPORTUNITY EMPLOYMENT

§16.1.1 The Contractor shall maintain policies of employment as follows: The Contractor and all subcontractors shall not discriminate against any employee or application for employment because of race, religion, color, sex, national origin or age. The Contractor shall take affirmative action to insure that applicants are employed, and that employees are treated during employment without regard to race, religion, color, sex, national origin or age. Such action shall include, but not be limited to, the following: employment upgrading, demolition, or transfer; recruitment or recruitment advertising; layoff or termination rates of pay, or other forms of compensation and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places available to employees and applicants for employment notices setting forth the policies of non-discrimination.

§16.1.2 The Contractor and all subcontractors shall, in all solicitations or advertisements for employees placed by them or on their behalf, state that all qualified applicants will receive consideration for employment without regard to race, religion, color, sex, national origin or age. Contractor shall also and in addition to the provision set out in this Article 16, remain in compliance with Illinois Public Works Employment Discrimination Act (775 ILCS 10/1 *et*

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seq.) and the Illinois Human Rights Act Article IL Employment (775 ILCS 5/2-101 *et seq*.)

§16.1.3 All contracts, including subcontracts, for Work herein are subject to the provisions of the Equal Employment Opportunity Clause of the Illinois Fair Employment Practices Commission.

§17.1 SEXUAL HARASSMENT POLICY

§17.1.1 Pursuant to Section 2-105 of the Illinois Human Rights Act (775 ILCS 5/1-101 *et seq*.) ("Rights Act"), all Contractors and subcontractors must have in force and effect a written sexual harassment policy which includes at a minimum the following provisions:

.1 a statement of illegality of sexual harassment;

.2 the definition of sexual harassment under Illinois law;

.3 a description of sexual harassment utilizing examples;

.4 an internal complain process, including penalties;

.5 the legal recourse, investigative and complaint process available through the Illinois Department of Human Rights ("Department") and the Illinois Human Rights Commission ("Commission");

.6 directions on how to contact the Department and the Commission; and

.7 protection against retaliation as provided by Section 6-101 of the Rights Act.

The Contractor understands, represents and warrants to the Owner that Contractor and its subcontractors (for which the Contractor takes responsibility to ensure that they comply with the Rights Act) are in compliance with Section 2-105 of the Rights Act and will remain in compliance with Section 2-105 of the Rights Act for the entirety of the Work. A violation of Section 2-105 is cause for the immediate cancellation of this contract. However, any forbearance or delay by the Owner in canceling this contract shall not be construed as, and does not constitute, Owner's consent to such violation and a waiver of any rights the Owner may have, including without limitation, cancellation of this contract.

§18.1 PREVAILING RATE OF WAGE

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§18.1.3 This Contract and all subcontracts are subject to and governed by the rules and regulations of the Illinois Human Rights Act.

§18.1.4 The Contractor and subcontractors and their agents, and employees shall comply with the terms and provisions of the Wages of Employees on Public Works Act regarding the policy of the State of Illinois pertaining to the payment of the general prevailing hourly rate as paid for work of a similar character in the locality in which the work is performed.

§18.1.5 Contractors indicate that by executing the Contract, each of them certifies that it is not barred from bidding on the Contract as a result from bid rigging or bid rotation under Article 33E of the Criminal Code of 2012.

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Staff Report

Meeting Date: March 30, 2026

Staff Contact: Karl Burhop, Senior Planner

Department: Community Development Department

Title: A Resolution Directing the Consideration of a Zoning Code Text Amendment Allowing a New Land Use as a Conditional Use Requiring a Planned Development in Certain Limited Locations in the R2 Residential Zoning District

Recommendation:
Staff recommend the City Council consider a Resolution directing the consideration of a Zoning Code text amendment allowing a new land use as a Conditional Use in certain limited locations in the R2 Residential Zoning District.

Policy Consideration:
The Council is considering whether the proposed use should be formally considered through a Zoning Text Amendment to establish a new use by amending the Table of Allowable Uses in Sec. 150.490. The Council has three choices on how to proceed:

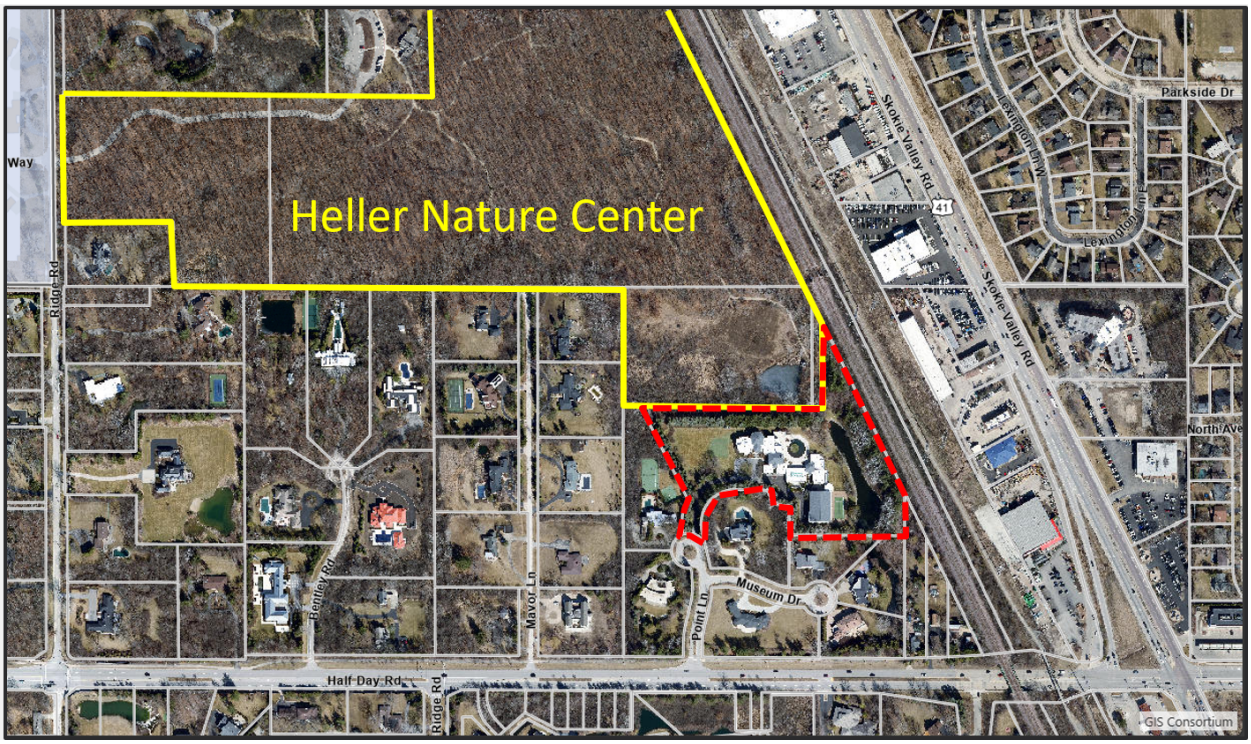
1. **Adopt the Resolution.**
    - Result: Plan and Design Commission ("***Commission***") will hold a hearing and make recommendations provided the Property Owner submits the required applications and other approvals – see Resolution Summary section of this report.
2. **Do not to adopt the Resolution**.
    - Result: The matter is not referred to the Commission and is no longer a policy consideration.
3. **Take no action.**
    - Result: Nothing happens, the matter is not referred to the Commission, and is no longer a policy consideration unless it is taken up by Council at some other time in the future.

The following provides a summary of the project and Resolution for this matter.

Project Summary.

Per their Summary Narrative in **Attachment** 1, the Owner (Champions Point LLC, John Cooper) requests the Property (2700 Point Lane) be used for a type of "[…] cultural and educational institution located on a privately owned residential estate […]" and "[…] transforming it into a world-class museum focused on excellence, character, discipline, and personal greatness." The following provides a high-level summary of the Applicant's proposal:

- The land use is a type of attraction use, and the Owner projects the attraction will draw 300-500 visitors per day (108k to 180k per year), per their Economic Impact Study Summary, **Attachment 4a** (and full study in **4b**), for a property located in a residential neighborhood along the west, south, and east; and abutting a Park District property to the north.



Source: City of Highland Park GIS w/aerial photograph.

Resolution Summary.
This land use is not allowed per Sec. 150.490, and to proceed the City Council must direct for a Zoning Code text amendment consideration, which will be the City's petition. The Resolution also stipulates the following:

- The new land use would be allowed only in the R2 Residential Zoning District.
    - Other constraints may be considered, such as minimum lot size.
- The new land use would be a Conditional land use, which requires a Special Use Permit ("***SUP***"), and would also require a Planned Development ("***PUD***").
- The Owner must:
    - Provide a neighborhood meeting before any public hearing using a 800 feet notice buffer and regular USPS mail with notice at least 15 days before the meeting (and not more than 30 days before).

- Be responsible for third-party costs and expenses incurred by the City in developing and processing this Resolution, the text amendment, and any related applications.
- Submit SUP and PUD applications, and any other application, as appropriate, to be considered concurrent with the text amendment; and documentation of required Zoning approvals from other jurisdictions related to any parking located outside the City[1] of Highland Park.
    - The Park District must also sign-off on the applications[2].
- These must be submitted within nine months of the effective date of the Resolution, or the Resolution becomes null and void.

Project Update & Summary.

Land Use.

- The Owner states the proposed use is a type of cultural and educational institution and transforms the Property into a world-class museum (paraphrasing – see **Attachments 1** and **4a**). Also, per **Attachment 4a**, the Owner refers to the land use as, "Champions Point is a proposed museum and architectural tour experience at 2700 Point Lane in Highland Park. The concept combines guided tours of a 37,700 square foot mansion with immersive exhibits designed to inspire visitors to reflect on achievement, personal growth, and the pursuit of excellence."
    - As previously stated, this land use is not allowed in Sec. 150.490 of the City's Zoning Code.

Community Benefits.

- Per the Owner, the benefits provided, as stated in **Attachment 1**, are the following:
    - "Free admission for all Highland Park residents during the first year"
    - "Annual free field trips for every Highland Park public and private school student"
    - "A countywide pilot of the Champions Curriculum in Lake County public high schools, including Highland Park"
    - "48 days per year of donated use for youth and community programming"
    - " Creation of new local jobs from day one"

The Owner also provides review of their proposed benefits to the community in **Attachment 2**, including collaboration with nonprofits, schools, and environmental stewardship.

Parking & Traffic.

- Per the Owner's narrative in **Attachment 1**, "Operations will rely entirely on off-site parking with mandatory shuttle transportation, eliminating traffic impacts to surrounding neighborhoods."

- The Owner provided a Traffic Study Summary and a Traffic Study, in **Attachments 3a** and **3b**, respectively. To summarize, the Owner's study indicates that impacted intersections remain at their current Level of Service ("***LOS***").
    - Several of the intersections are located in Bannockburn.
- Off-street parking is indicated in **Attachment 3b** on page 3 (Figure 2) as being located off Waukegan Rd. (Highway 43) in Bannockburn. If this proceeds and the Owner submits complete applications, the study will be reviewed by the City and the City's third party traffic consultant, CivilTech.

Neighborhood Impacts.

- The Owner states in their **Attachment 1**, "The proposal directly addresses neighbor concerns through enforceable operating limits, privacy fencing, full-time security patrols, strict noise controls, and a first-of-its-kind property value protection commitment guaranteeing immediate neighbors a premium sales option above market value."
- The Owner provided details of the operation in their **Attachment 2**, related to perimeter fencing (page 7 and 14), timed entry and distributed arrivals (page 9), hours of operation (page 9-10), off-site parking (page 11), residential distancing and noise management (page 13), relocation of the front gate (page 13), and property value protection for neighbors (page 15).

Economic Impacts.

- The Owner projects 300-500 visitors per day, per their Economic Impact Study Summary, **Attachment 4a** (and full study in **4b**). The economic activity the Owner projects is further listed in those attachments.

Environmental Impacts.

- See **Attachments 4a** and **4b**, for the summary and full study, respectively. The report focuses on tree, plant, wetland, and wildlife impacts on Heller Nature Center ("***Heller***"). The proposed walking route is 0.72 miles in total, including 0.59 within the Heller. The Owner's study summarizes that impacts will be minimal, because existing trail routes will be used and mitigation efforts proposed, such as regular trail inspection, culvert and drainage maintenance, stay-on-trial signage, restrictions on motor vehicles and unleashed pets, trail maintenance, litter removal, and restroom support.
- If the matter is referred, staff will review the proposal in detail, including review of tree impacts by the City Forester.

Public Comment / Notice.

- See **Attachment 6**for public comment that has been submitted.
    - There were also comments submitted for the Dec. 15, 2025 City Council's Committee of the Whole meeting posted online here.
- No formal notice is required for this Resolution to be considered; however, the City did notify key stakeholders via email that this matter would be on the Agenda on March 30th,

2026.

- Moreover, if this Resolution is adopted, City staff will continue to notify via email all those who have commented, or requested notification, of all upcoming public hearing / meetings in Highland Park to consider this matter.

[1] Per the Applicant's Traffic Study (**Attachment 3a** and **3b**) the off-site parking is proposed in Bannockburn. The Applicant will need to provide the property owner's approval and the Village of Bannockburn's approval.

[2] As proposed, and per Applicant's **Attachment 5a** and **5b**, the Property will be accessed via the Park District's Heller Nature Center. The Applicant will need to provide the Park District's approval.

Core Priorities:

Fiscal Stability

Public Safety

Economic Development

Infrastructure Investment

Environmental Sustainability

Vibrancy

Attachments:

1. RESOLUTION Initiating Text Amendment
2. Attachment 1 - Champions Point Summary Narrative
3. Attachment 2 - Champions Point Community Benefits
4. Attachment 3a - Champions Point Traffic Study Summary
5. Attachment 3b - Champions Point Traffic Study
6. Attachment 4a - Champions Point Economic Impact Study Summary
7. Attachment 4b - Champions Point Economic Impact Study
8. Attachment 5a - Champions Point Environmental Study Summary
9. Attachment 5b - Champions Point Environmental Study
10. Attachment 6 - Public Comment

CITY OF HIGHLAND PARK

RESOLUTION NO. _____

A Resolution Directing the Consideration of a Zoning Code Text Amendment Allowing a New Land Use as a Conditional Use Requiring a Planned Development in Certain Limited Locations in the R2 Residential Zoning District

WHEREAS, the current owner of the property located at 2700 Point Lane ("***Owner***"), which is located in the R2 Residential Zoning District, desires to us\e the property primarily for a land use that consists of a cultural and educational attraction where members of the public will be allowed to tour the property and participate in related programming for a fee and at regularly scheduled times; and

WHEREAS, the desired land use is not currently allowed in the R2 Residential District, and may only be allowed through a text amendment to the City of Highland Park Zoning Ordinance of 1997 ("***Zoning Code***"); and

WHEREAS, property owners do not have the authority to initiate or process an application for a Zoning Code text amendment; rather, such a text amendment may only be initiated by the City Council, the City Manager, or the Plan and Design Commission; and

WHEREAS, the Owner has requested that the City Council exercise its authority under the Zoning Code to initiate and process a text amendment to allow the desired land use as a conditional use in the R2 Residential Zoning District; and

WHEREAS, while the City Council has expressed initial reservations and concerns about the desired land use, it has determined that it would be in the best interest of the City to allow a text amendment process to be initiated and processed in accordance with the procedures set forth in the Zoning Code, which include review and consideration by the City's professional staff, and public notice and a public hearing by the City's Plan and Design Commission; and

WHEREAS, the City Council makes clear that, by the adoption of this Resolution initiating the text amendment process, it is not binding itself and it is not binding the City to any particular outcome or final vote on the subject.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF HIGHLAND PARK, LAKE COUNTY, ILLINOIS, as follows:

SECTION ONE: RECITALS. The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the City Council.

SECTION TWO: INITIATION OF ZONING CODE TEXT AMENDMENT. Subject to the condition in Section Five of this Resolution, and pursuant to the authority in Section 150.1502 of the Zoning Code, the City Council does hereby initiate an amendment to the text of the Zoning Code to allow in the R2 Residential Zoning District, only as a conditional use requiring a Special Use Permit and a Planned Unit Development consideration, a land use that consists primarily of a cultural and educational attraction where members of the public will be allowed to tour the property and participate in related programming for a fee and at regularly scheduled times, with such limitations and restrictions deemed appropriate and as noted in Section Three of this Resolution.

SECTION THREE: **DIRECTION TO PLAN AND DESIGN COMMISSION; NOTICE TO PUBLIC.** Subject to the condition in Section Five of this Resolution, the Plan and Design Commission is hereby directed to hold a public hearing on the proposed text amendment specified in Section Two of this Resolution, and is further instructed to consider and propose any such geographic restrictions or contextual provisions that would narrow and limit the location and number of any such use within those areas of the City that are zoned within the R2 Residential District. The notice of the Plan and Design Commission public hearing must be given in the manner required by law. Further, before the commencement of any public hearing by the Plan and Design Commission, the Owner must convene a meeting to which all property owners located within 800 feet of the 2700 Point Lane property have been invited, with not less than 15, nor more than 30 days advance written notice by U.S.P.S. mail.

SECTION FOUR. **DIRECTION TO THE OWNER; PAYMENT OF COSTS.** The Owner shall be allowed to apply and process, concurrent with the Zoning Code text amendment, an application for the conditional use contemplated in the text amendment (the "***Conditional Use Application***"). The reasonable third-party costs and expenses incurred by the City for processing this resolution, the text amendment as well as the Conditional Use Application shall be borne entirely by the Owner, and the Owner shall reimburse the City for any costs, fees, and expenses it incurs in this process within 60 days after receipt by the Owner of invoices for the costs, fees, and expenses.

SECTION FIVE: CONDITION ON AUTHORIZATION AND DIRECTION. The authority granted in Section Two of this Resolution and the Direction granted in Section Three of this Resolution shall be contingent upon the submission to the City by the Owner, within nine months after the Effective Date of this Resolution, of complete Planned Development and Conditional Use Applications, along with evidence of approval from any jurisdiction other than the City on which off-street parking related to the proposed planned development will be located. If complete Applications and required accompanying materials are not submitted to the City within that nine-month time period, this Resolution, and the authority and direction granted in this Resolution, shall be null and void and of no force or effect.

SECTION SIX: EFFECTIVE DATE. This Resolution will be in full force and effect upon its passage and approval by a majority of the members of the City Council.

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

RESOLUTION NO.

_____
Nancy R. Rotering, Mayor

ATTEST:

_____
Ghida S. Neukirch, City Clerk

Experience Greatness at Champions Point

Champions Point Museum is a proposed cultural and educational institution located on a privately owned residential estate in Highland Park. The project seeks to preserve and repurpose a globally significant property associated with one of the most influential basketball figures of all time, transforming it into a world-class museum focused on excellence, character, discipline, and personal greatness.

Purpose & Operations
The museum is designed as a controlled, limited-capacity experience that prioritizes neighborhood protections, environmental stewardship, and measurable public benefit. Operations will rely entirely on off-site parking with mandatory shuttle transportation, eliminating traffic impacts to surrounding neighborhoods. The museum will work hard to preserve a high-quality visitor experience and minimize disruption.

Community Benefits
Champions Point delivers unprecedented community value, including:

- Free admission for all Highland Park residents during the first year
- Annual free field trips for every Highland Park public and private school student
- A countywide pilot of the *Champions Curriculum* in Lake County public high schools, including Highland Park
- 48 days per year of donated use for youth and community programming
- Creation of new local jobs from day one

City Financial Benefits
Financially, the project commits to returning approximately 38% of its total economic value directly to the community through donated use of the property, Park District contributions, curriculum funding through Champions Legacy, and a proposed new admissions tax paid exclusively by the museum.

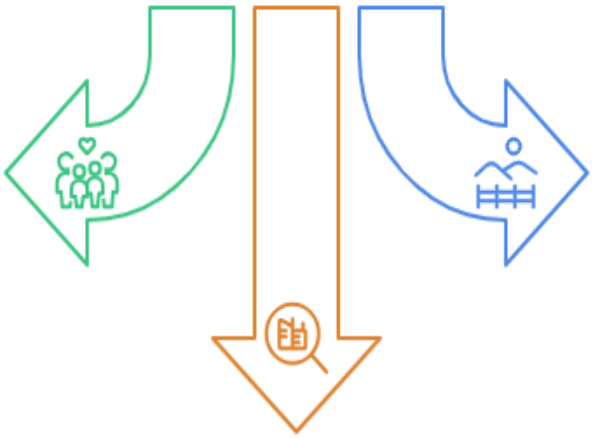
Neighborhood Protections
The proposal directly addresses neighbor concerns through enforceable operating limits, privacy fencing, full-time security patrols, strict noise controls, and a first-of-its-kind property value protection commitment guaranteeing immediate neighbors a premium sales option above market value.

Independent Studies
Independent traffic, environmental, and economic impact studies will accompany the proposal and are expected to demonstrate no material traffic impact, no loss of trees, and a net positive economic benefit to the City of Highland Park.

How to ensure the Champions Point Museum benefits the community while addressing neighborhood concerns?

Community Benefits

Implement free admission for residents, free field trips, curriculum pilot, donated use, and job creation.



Neighborhood Protections

Establish operating limits, privacy fencing, security patrols, noise controls, and property value protection.

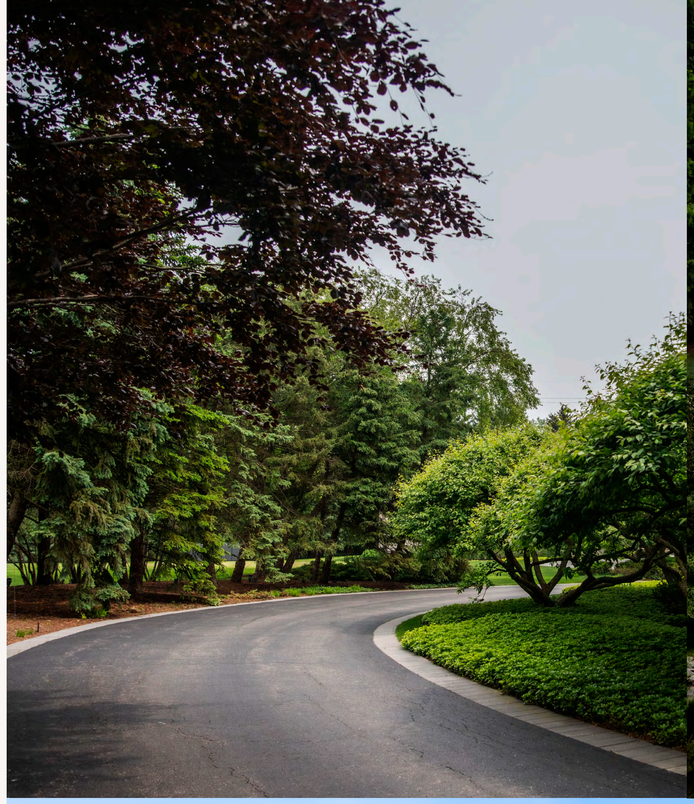
Independent Studies

Conduct traffic, environmental, and economic impact studies to demonstrate positive outcomes.

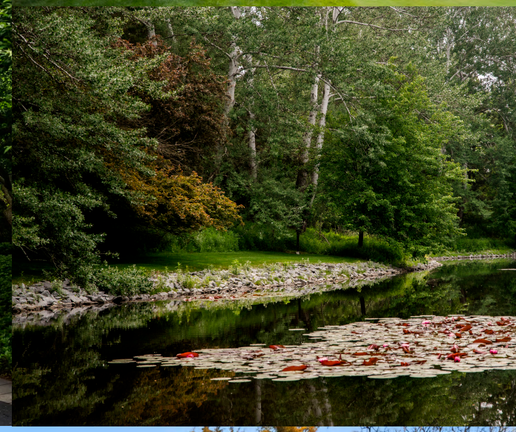

CHAMPION'S POINT
COMMUNITY BENEFITS

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OVERVIEW

CHAMPION'S POINT: EXPERIENCE FUTURE GREATNESS

Champion's Point property is a living legacy that serves as the foundation for future champions.

This sprawling estate, an architectural marvel celebrated for its profound dedication to excellence, is envisioned as a dynamic center for empowerment. Every beam, every meticulously designed space, and every garden path that once spoke to the discipline and passion of an icon now tells a new, collective story: the potential of every young person.

Great architecture is more than just structure; it's a foundation for human experience. This is the spirit that infuses the Champion's Point mission. We transform the powerful narrative of success embodied by this home into actionable success principles for underserved youth. The revenue generated by the public experience sustains our commitment to making the wisdom forged within these walls accessible to all.

We are dedicated to community building. By providing donated facility usage to the City of Highland Park and supporting the Park District, we strengthen local ties. Crucially, we leverage the estate to build a mentorship network and deliver educational programs that inspire youth to achieve personal greatness.

This is our promise: to not only showcase the beauty of the build but also connect the soul of the space with the next generation. We turn inspiration into education, ensuring that the relentless spirit of a champion ignites a legacy of greatness in the hearts of tomorrow's leaders.

Champions Legacy is a 501(c) (3) nonprofit committed to developing curriculums for schools in Highland Park and the greater Chicagoland area.



CHAMPION'S POINT: OUR PURPOSE

The purpose of Champions Legacy is to foster leadership and personal growth in youth by providing access to inspirational and educational experiences
rooted in the proven success principles of a champion, and to carry on other charitable and educational activities associated with this purpose as allowed by law.



PURPOSE OF THIS PROPOSAL

Champion's Point proposes converting a private residence into a carefully controlled, appointment-based museum and educational experience with a strong civic mission.

WHAT THE MUSEUM EXPERIENCE IS DESIGNED TO DO:

Champion's Point is intentionally designed as a structured, timed, and deeply reflective experience, fundamentally distancing itself from the high-traffic nature of traditional tourism.
The journey is anchored by the architecture of the residence itself, which serves as a physical narrative for the champion’s path.
Guests do not merely wander; they move through a series of curated environments, each engineered to elicit specific internal shifts, ranging from rigorous self-evaluation and radical honesty to the development of empathy and personal growth.
By controlling the pace and flow of the visit, the program ensures that the property remains a sanctuary for deep thought, transforming a simple walk-through into a profound psychological experience.

BEGINNING THE EXPERIENCE IN NATURE

Arrival via Heller Nature Center is intentional, allowing visitors to slow down and mentally prepare for reflection.
The intention is to create an environment where visitors, especially young people, are guided to recognize the potential, understand the importance of respecting others, and return to their communities more hopeful, thoughtful, and connected.
At the same time, the plan has been designed to address the practical realities that matter deeply to Highland Park, including neighborhood privacy, traffic, environmental protection, property values, and measurable financial return to local institutions.

What follows explains how the project will be designed for minimum impact on the community, how it will operate, and how the benefits will flow back to the community.

CONTEXT AROUND COMMUNITY ENGAGEMENT TO DATE

From the inception of this project, the priority has been open dialogue, transparency, and a spirit of cooperation with the residents of Highland Park.

The evolution of the Champion's Point proposal is a direct result of proactive outreach and a commitment to being a responsible and generous neighbor.

PROACTIVE NEIGHBOR OUTREACH:

Prior to the formal announcement of any plans, invitations were extended to all immediate neighbors to visit the property personally. This outreach included guided tours for families and children, offering a transparent view of the site and an open forum to discuss initial concepts and gather feedback directly.

ADAPTIVE AND COLLABORATIVE DESIGN:

In direct response to initial community and City Council feedback, the project was fundamentally reimagined. The current proposal, featuring a lower-impact shuttle model and a significant "Community Flow-Back" financial structure, was developed specifically to address neighborhood concerns while maximizing local benefits.

INFRASTRUCTURE & SECURITY ENHANCEMENTS:

To ensure the tranquility of the area, a series of neighborhood-first improvements were proposed, including the offer to fund additional perimeter fencing and full-time security at the owner's expense. These measures were designed to enhance the safety and privacy of the entire block.

RESPONSIBLE PROPERTY STEWARDSHIP:

Throughout the planning phase, use of the property has remained respectful and consistent with the rights of a property owner. Despite the home’s significant capacity for hosting, events have been limited to a very low frequency (averaging once per month), demonstrating a consistent effort to minimize noise and traffic even before formal restrictions were proposed.

THE PATH FORWARD:

The current vision for Champion's Point is not just a business plan; it is a community-validated strategy. By taking the time to listen and pivot, we have created a proposal that protects the neighborhood’s character while inviting the world to experience the best of Highland Park.



KEY COMMUNITY ISSUES

ATTENDANCE EXPECTATIONS AND OPERATING HOURS

A CONSERVATIVE PLANNING MODEL FOR CONTROLLED GROWTH

Champion’s Point is intentionally designed with a cautious, measured operating philosophy that prioritizes neighborhood harmony and operational excellence.

INITIAL DAILY ATTENDANCE ASSUMPTION

We’re looking to cap our initial daily capacity to ensure a prudent, evaluate-as-we-grow approach.
We’re prepared to utilize this moderate baseline to build operational confidence and neighbor trust before considering any future adjustments.
Benefit: This creates a predictable environment that minimizes impact on local infrastructure and ensures a high-quality, uncrowded experience for every guest.

DEMAND MANAGEMENT & EXPERIENCE QUALITY

We’re willing to strictly limit ticket releases to maintain quiet, reflective conditions and protect the integrity of our grounds regardless of public interest.
We’re committed to turning away excess demand to ensure that safety, staffing ratios, and environmental preservation never fall below our rigid standards.
Benefit: This guarantees that the visitor experience remains consistently calm and respectful, eliminating the risk of overcrowding or neighborhood disruptions.

TIMED ENTRY & DISTRIBUTED ARRIVALS

We’re committed to enforcing a rigid, scheduled time-slot system for all admissions to eliminate the unpredictability of first-come, first-served traffic.
We want to manage arrivals with surgical precision to maintain consistent, manageable pedestrian flow and efficient shuttle operations throughout the day.
Benefit: This creates a seamless, stress-free arrival process for both our visitors and the surrounding community .

OPERATING SEASONS & CLOSING TIMES

We’re willing to commit to early, fixed closing times of 7:00 PM in peak season and 5:00 PM off-peak to ensure predictable quiet hours for our neighbors.
We’re prepared to wind down all transportation and guest activities immediately upon these closing times to maintain a respectful, low-impact presence.
Benefit: This establishes a clear, consistent expectation for neighbors, ensuring that the facility respects the peaceful rhythm of the local community every evening.

ATTENDANCE EXPECTATIONS AND OPERATING HOURS

EVENING EVENT LIMITATION

We're willing to restrict evening events to just six occasions per calendar year, all of which will be reserved exclusively for nonprofit fundraising or community-benefit initiatives.
We're also prepared to eliminate all commercial evening activity on 359 days of the year, a significantly stricter standard than what is permitted for private homeowners in the area.
Benefit: This guarantees that the surrounding neighborhood remains peaceful and quiet for the vast majority of the year, preventing the typical traffic and noise associated with high-frequency event venues.

NO LATE-NIGHT OPERATIONS

We're focused on operating on a strictly daytime-oriented model, with no plans for concerts, festivals, or open-ended event programming. We're focused on ensuring that all activity concludes well before the late-evening hours to maintain the residential character of the neighborhood.
Benefit: This eliminates the potential for late-night disturbances, ensuring that the rhythm of the local community remains undisturbed by our operational schedule.

ADA AND LIFE-SAFETY COMPLIANCE

We're willing to execute comprehensive site upgrades to ensure full compliance with all building, accessibility, and fire-safety codes before the doors open. We will work alongside professional consultants to ensure that every path, restroom, and emergency system meets or exceeds current regulatory expectations.
Benefit: This investment creates a safe, modern, and accessible environment that adheres to the highest standards of civic responsibility, protecting both our visitors and the surrounding property.

STAFFING TO MATCH VISITOR LEVELS

We're willing to calibrate our entire workforce—including security, guest services, and transit operators—directly to our daily attendance numbers to ensure perfect operational synchronization.
We're prepared to maintain strict staffing ratios that prevent overcrowding and ensure that all guest movement is monitored and orderly at every turn.
Benefit: This proactive approach minimizes the risk of logistical friction, ensuring that neighborhood impact is kept low and operational efficiency is kept high.

BUILT FOR STABILITY, NOT VOLUME

We're willing to forego the goal of maximizing throughput in favor of a model that emphasizes meaningful engagement and controlled, predictable access.
We're keen to prioritize the integrity of the environment and the comfort of our neighbors above all other metrics, cementing our identity as a responsible community steward.
Benefit: This ensures a high-quality experience that respects local constraints, fostering a long-term, stable relationship between Champion's Point and the City of Highland Park.

TRANSPORTATION AND PARKING

A Closed System Designed to Prevent Neighborhood Impact

Transportation design is the single most important operational feature of Champion's Point because it determines whether residential streets experience disruption or remain unaffected. To maintain the tranquility of the neighborhood and ensure seamless operations, Champion's Point has developed a closed-loop transportation system that entirely removes guest vehicles from the local area. If a visitor does not enter through the approved channel, they are not admitted to the museum.

OFF-SITE PARKING LOCATION

We have secured a dedicated parking hub at 2121 Waukegan Road in Bannockburn subject to zoning approval. This arrangement ensures that visitor vehicles never enter the residential streets surrounding the Heller Nature Center, preserving local traffic patterns as they are.

Benefit: This preserves the peaceful, residential character of the neighborhood by eliminating the need to search for street parking or the increase in car volume near the property.

SHUTTLE FREQUENCY

Transportation will be managed via professional shuttle buses departing at synchronized 15-minute intervals throughout the day. This cadence transforms random vehicle arrivals into a predictable, rhythmic flow that can be monitored and managed with precision.

Benefit: A consistent schedule prevents traffi c surges and ensures that guest movement is always orderly and never disruptive to the local community's daily routine.

MANDATORY SHUTTLE + ADMISSION LINK

The ticketing infrastructure is built on a unified platform where museum admission is inseparable from a shuttle reservation. A guest is physically unable to finalize their visit without simultaneously booking a seat on the transit loop from the Bannockburn lot.

Benefit: This systemic link guarantees that 100% of our visitors arrive via controlled transport, providing the City with a foolproof mechanism for traffi c oversight.

BOARDING CONTROL AND DIGITAL ENFORCEMENT

Our security protocol requires shuttle drivers to scan transportation tickets upon boarding, which serves as the digital "key" to activate the guest's museum admission. If the gate system at Champion's Point does not detect a valid, recent shuttle scan, the entry will be automatically rejected.

Benefit: This high-tech safeguard ensures that the rules of the facility are enforced by the software itself, removing the possibility of human error or bypass.

THE "ZERO-LEAK" PERIMETER

Because the entry system is digitally tied to shuttle validation, the property remains inaccessible to anyone attempting to park at Heller, walk in from the street, or arrive via ride-share and bike. This "closed ecosystem" approach ensures that every single guest follows the exact same pre-approved transit path. Without the shuttle scan, admission is impossible.

Benefit: This provides absolute certainty to the neighbors and the City that there will be no "spillover" effects, such as pedestrians in the streets or unauthorized drop-offs near the entrance.

TRANSPORTATION AND PARKING, CONT ...

To further protect the privacy and tranquility of the surrounding community, Champion's Point intends to utilize a strategic routing plan that prioritizes distance and physical separation from residential property lines.

STRATEGIC ROUTE DESIGN

Upon arrival, guests disembark and follow a specifically engineered walking path that maximizes the distance between visitors and private residences. This route was selected because it maintains a significant buffer of more than 300 feet from any residential boundary, utilizing the natural topography to mask sound and preserve visual privacy. **Benefit**: By directing guests around the pond and toward the northeast corner of the property, we ensure that foot traffi c is never in close proximity to neighboring backyards, maintaining the quietude of the residential area.

REDUNDANCY OPTIONS FOR ENHANCED SECURITY

While the digital shuttle scan serves as the primary gateway, we are ready to integrate additional physical checkpoints, such as mid-path staff monitors or secondary validation points, to ensure 100% route compliance. These layers of oversight provide a "failsafe" environment in which guests are physically and digitally guided to remain within the approved transit corridor.

Benefit: This tiered security approach provides the City and neighbors with absolute peace of mind that guest movement will be strictly contained and supervised at all times.

A MANAGED ECOSYSTEM

This comprehensive transit and routing system effectively addresses the dual challenges of neighborhood parking and noise by making Champion's Point accessible only through a single, tightly managed pipeline. By removing the ability for guests to "self-navigate" to the site, we ensure that every visitor adheres to the specific path designed for maximum residential distance.

Benefit: This creates a "Zero-Impact" model for the community , where the museum operates as a self-contained ecosystem that respects the physical and acoustic boundaries of its neighbors.

PRIVACY, SECURITY, AND NEIGHBORHOOD PROTECTION

To ensure Champion's Point remains a respectful and nearly invisible presence within the local community, we have established a series of rigorous operational standards that exceed standard residential requirements.

EXTENSIVE RESIDENTIAL DISTANCING

The designated visitor route is engineered to remain at least 300 feet from any residential property line at all times. This significant distance is scientifically calibrated to ensure that ordinary conversation-level sound dissipates naturally before reaching neighboring homes.
Benefit: This physical buffer creates a permanent acoustic shield, allowing neighbors to enjoy their private outdoor spaces without auditory intrusion from museum guests.

PROACTIVE PEDESTRIAN NOISE MANAGEMENT

Beyond the physical distance, we utilize environmental cues and strategic signage to reinforce a culture of quiet reflection and respect among our visitors. By aligning guest conduct with the museum’s core values of focus and integrity, we ensure that the atmosphere remains serene and dignified.
Benefit: This psychological anchoring transforms the visitor population into a quiet, respectful group that honors the tranquil nature of the surrounding Heller environment.

STRATEGIC RELOCATION OF THE FRONT GATE

We are moving the primary entrance gate to the deep interior of the property and replacing the street-facing entrance with a nondescript, plain exterior gate. This design choice intentionally reduces the "visual gravity" of the site, discouraging vehicle curiosity and minimizing any perceived intrusion into the residential streetscape.
Benefit: By neutralizing the property's exterior profile, we eliminate the risk of "curious" traffic and maintain the understated, private character of the neighborhood.

PROFESSIONAL FULL-TIME SECURITY

The property will be protected by professional security personnel 24 hours a day, seven days a week, to ensure total operational order. At the request of the community, this vigilance can extend to observational patrols of the immediate vicinity, providing an extra layer of safety and awareness for the entire block.
Benefit: This provides neighbors with a direct, professional point of contact and a heightened sense of local security that a standard private residence cannot offer.

PRIVACY, SECURITY, AND NEIGHBORHOOD PROTECTION

COMPREHENSIVE PRIVACY FENCING

At our exclusive expense, we will install high-quality, 6-foot privacy fencing along every boundary where the property directly borders a residential neighbor. This serves as both a visual and physical barrier, ensuring that the private lives of our neighbors remain completely shielded from the museum grounds.
Benefit: This permanent structural improvement provides immediate and long-term privacy for adjacent homeowners, effectively "walling off" the facility from the residential experience.

DAILY ENVIRONMENTAL STEWARDSHIP

Our maintenance teams are mandated to conduct comprehensive daily cleanups along the designated walking routes through Heller to ensure the area remains pristine. This commitment to "Zero-Trace" operations means that our presence will actually result in a cleaner local environment than currently exists.
Benefit: This removes the burden of litter management from the city and ensures that the natural beauty of the shared pathways is preserved and enhanced for everyone.

EVENING NOISE REALITY AND MITIGATION

While current residential zoning allows for evening gatherings and reasonable noise 365 days a year, we are voluntarily restricting activity to just six nonprofit events per calendar year. On the remaining 359 days, all commercial nighttime activity is eliminated, and sound levels for allowed events will be held to strictly observed standards of respect.
Benefit: This creates a level of quiet predictability far superior to standard residential use, ensuring the neighborhood remains peaceful nearly every night of the year.

PROPERTY VALUE PROTECTION

THE HOMEOWNER "BACKSTOP" GUARANTEE

To provide absolute peace of mind, Champion's Point is establishing a robust protection mechanism designed to insulate our immediate neighbors from any market uncertainty. This "Property Value Backstop" ensures that local homeowners are financially protected and incentivized, regardless of future market fluctuations or perceptions.

PREFERRED PURCHASE OPTION AT PREMIUM VALUATION

Should a neighbor on Point Lane or Museum Drive choose to sell their home, we will fund an independent professional appraisal to determine the fair market value. Champion's Point retains the option to purchase the property at a 10% premium over the appraised value, adjusted for any perceived devaluation due to the property's proximity to the museum.

Benefit: This creates a "floor" for local property values, offering homeowners a guaranteed exit strategy at a significant profit margin that exceeds typical market expectations.

GUARANTEED DEVALUATION REIMBURSEMENT

In instances where Champion's Point does not exercise its option to purchase, we remain legally obligated to bridge the gap between the final sale price and the independent appraisal. We will cover the difference in any arm's-length transaction, ensuring the seller receives the full value of their home as if the museum did not exist.

Benefit: This removes the financial risk for the homeowner, guaranteeing that their primary investment is protected by a corporate-backed insurance policy against localized market shifts.

INDEPENDENT AND TRANSPARENT APPRAISALS

All valuations are conducted by neutral, third-party professionals at the exclusive expense of Champion's Point to ensure total objectivity and fairness. This process is designed to be transparent and cooperative, giving the homeowner full confidence in the data used to determine their "backstop" price.

Benefit: This eliminates potential conflicts of interest and ensures that the power of valuation remains in the hands of independent experts, not the museum.


STEWARDSHIP AND COMMUNITY

COMMUNITY IMPACT: THE CURT'S CAFÉ STRATEGIC PARTNERSHIP

Champions Point is committed to creating a tangible "ecosystem of opportunity" by formalizing a mission-aligned partnership with Curt's Café.
As a 501(c)(3) organization, Curt's Café provides essential work and life skills training to at-risk youth and teens transitioning out of the penal system.

By integrating their operations into our visitor experience, we move beyond mere philanthropy to create a self-sustaining model of local workforce development that directly improves outcomes for young adults ages 15–24.

HOW OUR PARTNERSHIP COMES TO LIFE:

Integrated Field Trip Catering: Champions Point will exclusively commission Curt's Café to provide boxed lunches for all visiting school groups. This guaranteed volume ensures a steady revenue stream for the café, directly enabling them to expand their cohort and hire additional at-risk youth.

Operational Scaling: The increased demand from our field trip traffic will allow the current staff at Curt's Café to take on higher levels of responsibility. This creates a "ladder of growth" in which students can move from entry-level tasks to management and logistics roles, gaining skills that are highly transferable across the broader hospitality and business sectors.

Champion's Point Pipeline Employment: Upon the official opening of our facility, Champion's Point will establish a formal hiring pipeline for Curt's Café graduates. By providing these young adults with their first post-program professional roles in a high-profile environment, we reinforce the principles of agency and integrity that are central to our museum's curriculum.

Strategic Fundraising Initiatives: We will host an annual benefit event at the museum dedicated to Curt's Café. These fundraisers will not only provide the capital needed to maintain their training facilities but also raise community awareness of the importance of second chances and workforce reintegration.

Mutual Mission Alignment: This partnership exemplifies the "Purpose" pillar of our museum. By linking our visitor experience to the real-world success of local youth, we demonstrate to every guest—especially visiting students—that greatness is most meaningful when it uplifts the community.

ENVIRONMENTAL STEWARDSHIP

We intend to be the best possible neighbors to the Heller Nature Center by leaving the land in better condition than we found it. We recognize the importance of the forest and have developed a plan to ensure our presence is a Net-Benefit to the environment.

1. PROTECTING THE EXISTING FOREST

- **Expert Validation**: We have engaged an environmental firm to ensure our visitors will have minimal impact on plants and wildlife.
- **Zero Tree Loss**: Our proposed path is less than 50 feet long and has been carefully mapped to avoid cutting any trees.
- **Managed Traffic**: Science shows that keeping people on designated, well-maintained paths protects the soil and prevents damage to the surrounding woods.

2. FINANCIAL INVESTMENT IN NATURE

A portion of our donation to the Highland Park District will go directly toward a Heller Nature Center Revitalization Fund:

- **Killing Invasive Weeds**: We will pay to remove "choker" weeds such as Buckthorn that are killing native plants.
- **New Growth**: We will fund the planting of new native trees and professional landscaping to enhance the area's appearance.
- **Fixing Community Assets**: We will provide the capital to repair and improve the gazebo and the pond area, making them more enjoyable for all Highland Park residents.

3. TEACHING ENVIRONMENTAL RESPECT

- **The "Quiet Walk" Philosophy**: We don't just want people to walk through the forest; we want them to respect it. Our entrance path will feature signs encouraging a "silent, reflective walk."
- **Eco-Education**: We will partner with the Park District to create programs that teach "Environmental Integrity"—showing visitors that taking care of the planet is a key part of being a “Champion."
- **Signage**: Because one of the central principles of the museum is respect, we intend to place signage along the path encouraging quiet, reflective walking and consideration for both neighbors and nature.

The Outcome

Through our financial support and active management, the Heller Nature Center will become a healthier, more beautiful, and more vibrant ecosystem for the entire community.

COMMUNITY ACCESS AND YOUTH PROGRAMMING

A STANDING COMMITMENT OF TIME, SPACE, AND RESOURCES

A defining feature of Champion's Point is that community benefit is not an occasional gesture; it is built into the operating calendar every single month of the year.

DONATED DAYS OF USE

Champion's Point will donate two days per month of access to the property for community enrichment in partnership with the Park District of Highland Park and school organizations.
Also, we will provide 24 additional days each year dedicated primarily to schools from across the greater Chicagoland area. In total, that equals 48 days each year in which the museum will earn no ticket revenue while still fully supporting staffing, utilities, maintenance, security, and programming costs.

Dozens of employees will be present, the facility will operate at full standard, and the experience will be delivered at the same quality level as any paid day.
This represents a substantial, recurring contribution of both time and money.

WHAT STUDENTS AND YOUTH RECEIVE ON THOSE DAYS

These community days are not simple walk-through visits.
They are designed to be elevated experiences and may include:

- dedicated motivational speakers
- structured programming connected to the principles of greatness
- opportunities to use the basketball court
- free class photographs
- free individual photographs

These are memory-making days designed to give young people an experience they might not otherwise have access to.

RESIDENTS AND SCHOOL BENEFITS

FREE ADMISSION FOR RESIDENTS - YEAR ONE COMMUNITY ACCESS INITIATIVE

During the first full year of operation, every Highland Park resident will receive a one-time free admission to Experience Greatness.
That equates to approximately 31,000 individuals and represents an estimated $2 million contribution in access value returned directly to the people who live in the community.
Beyond the financial dimension, this initiative ensures that residents are the first to understand, evaluate, and participate in the city's development.

ANNUAL SCHOOL PARTICIPATION - A GUARANTEE OF ACCESS FOR EVERY CHILD

As part of the broader community days, Champion's Point will ensure that every student enrolled in Highland Park public and private schools has the opportunity to visit the property once per year as part of an organized educational trip.
This annual commitment embeds the museum into the civic and educational rhythm of the city and guarantees repeated exposure, not a one-time opportunity.

THE CHAMPIONS CURRICULUM - A LOCAL PILOT WITH NATIONAL REACH

Champions Legacy will operate a structured mentorship and development initiative across Lake County public high schools, including the two in Highland Park.

This will be an ongoing program featuring:

- dedicated staffing
- repeat engagement
- age-appropriate materials
- mentorship resources
- frameworks designed to address the most meaningful growth areas for high school students

The community venture will become the proving ground for an educational model that can later expand into broader Chicagoland communities, other cities, and potentially nationwide. The city will be recognized as the place where the innovation began.

WORKING WITH LOCAL YOUTH PROGRAMS: A FOCUSED OUTREACH STRATEGY

Champion's Legacy, a 501(c)(3), is built on direct, sustained youth empowerment through the "Greatness Curriculum" and the Champion's Point facility, fostering long-term personal development. Our strategy for working with local youth programs ensures targeted, impactful engagement.

TARGETED ACCESS AND COMMUNITY COMMITMENT

Champion's Legacy prioritizes access for both local and broader urban communities through dedicated facility time:

- **The facility's charitable commitment includes 24 days of use per year for the local community.** This access is allocated as one day per month to the City of Highland Park school system, and one separate day per month to the Park District for youth enrichment and recreation programs, ensuring dedicated access to the inspirational environment for local youth.

- **Chicago-Area Disadvantaged Youth:** The facility will host sessions, tours, and classes for disadvantaged youth from Chicago and its surrounding suburbs, as well as other areas. This time is used for motivational events featuring speakers on topics like **staying in school, respecting authority, and avoiding drugs/gangs**, providing critical life guidance.

CURRICULUM AND MENTORSHIP OUTREACH

The core of the partnership is the **Greatness Curriculum**, which provides resources and support beyond the facility visit:

- **Curriculum Partnership:** We plan to partner with established national and local youth organizations and/or schools to implement the **Greatness Curriculum**. This ensures the curriculum, which covers mindset, execution, and service, can be consistently applied throughout a young person's life into adulthood.

- **In-School Delivery:** Champion's Legacy staff and mentors will act as **guest speakers in schools** and for local organizations throughout the Chicagoland area, delivering free, condensed curriculum modules that reinforce success principles.

- **Sustained Support System:** Champion's Legacy will create a system of **ongoing outreach and support** (via email, text, and web platforms like the "Evening Huddle") to serve as a **support line for youth** who have participated in the program, providing long-term reinforcement and mentorship after their visit to Champion's P oint.

- **Teamwork and Healthy Pursuits:** On facility-use days, programs may feature teamwork exercises that use sports as a metaphor for life, alongside opportunities for healthy leisure pursuits such as playing basketball, swimming, hiking (at Heller), and utilizing the workout facilities.

BENEFITS FOR YOUTH PROGRAMS

Champion's Legacy will provide local and regional youth programs with an exceptional and sustained platform for student empowerment, leveraging a world-class facility and a comprehensive curriculum.

ACCESS TO AN EXCLUSIVE, INSPIRATIONAL VENUE

Local schools gain **free, dedicated access** to the Champion's Point estate, a powerful source of inspiration that typical programs can't offer:

- **A Unique Learning Environment:** Students walk through an **architectural masterpiece** that serves as a physical case study in discipline and success, making the lessons more tangible and memorable from the outset.
- **Healthy Leisure Pursuits:** Programs can use the home's amenities for engaging activities, such as basketball, swimming, and the workout facilities, fostering healthy, motivating engagement.

STRUCTURED CURRICULUM AND LONG-TERM MENTORSHIP

The partnership provides youth programs with a professional, ready-made curriculum designed for long-term impact:

- **Free, Comprehensive Curriculum:** Programs can integrate the **Greatness Curriculum**, which covers mindset, execution, and service, into their own activities, strengthening their educational offering. The foundation will also provide a crucial long-term support system (via the "Evening Huddle" and other outreach efforts) to offer ongoing mentorship and reinforce success principles long after the initial visit.
- **Motivational Speakers:** Youth gain access to the foundation’s network of **Legacy Ambassadors** and youth speakers who can deliver high-impact messages on topics critical to success, such as staying in school, respecting authority, and personal accountability.

ENVIRONMENTAL AND COMMUNITY ENRICHMENT

The curriculum and location offer unique opportunities for nature and community-focused learning:

- **Nature-Integrated Education:** The new **"Architect of the Earth (Eco-Responsibility)"** module utilizes the adjacent Heller Nature Center to teach students about sustainability and climate responsibility, broadening the program's scope.
- **Teamwork and Life Skills:** Programs can easily incorporate **teamwork exercises** that use the on-site sports facilities as a metaphor for life, teaching essential collaboration and leadership skills in an engaging context.

YOUTH PROGRAMMING BENEFITS

THE GLOBAL MISSION: A LEGACY OF HUMAN POTENTIAL

Champion's Point is built on the conviction that personal greatness is the foundation of a better world. Our mission extends far beyond the walls of the museum; we are launching a movement to equip the next generation with the emotional and strategic tools to lead lives of purpose, empathy, and achievement.

1. **Cultivating the "Internal Champion"**

Our primary goal is to help every individual—regardless of their starting point—realize their inherent potential. By teaching people how to master their own mindset, they become better neighbors, colleagues, and citizens. We focus on:

Ethical Leadership: Teaching respect and compassion for others as a prerequisite for true greatness.

Strategic Dreaming: Helping youth move from vague "wishes" to concrete goal-setting and execution.

2. **The "Pilot" as a National Blueprint**

We are starting local to ensure proof of concept, but our vision is global.

The High School Prototype: We aim to launch our curriculum in 25 Lake County high schools. Success here will provide the data needed to expand to lower grade levels and secondary markets.

National Scalability: With proven results and sustained funding, this program is designed to be a nationwide resource, positioning Highland Park as the birthplace of a new standard in character education.

3. **Life-Saving Outreach for Underserved Youth**

We are committed to providing "The Greatness Experience" to those who need it most.

Impoverished Community Access: We will sponsor youth from underserved areas of Chicago to attend the museum for an immersive day of mentorship.

Pivot Points: For a child in a high-risk environment, a single day spent internalizing the "7 Pillars of Greatness" can be a life-saving intervention, providing them with a vision of a future they previously thought impossible.

The Trust Factor: Delivering on the Promise

This isn't just a hopeful vision; it is a scalable plan backed by a proven track record. By leveraging the existing success and philanthropic history of our leadership, we ensure that these goals are grounded in reality. We don't just tell kids to "dream big"—we give them the actual, cognitive blueprint to realize those dreams.


PHILANTHROPIC AND ECONOMIC BENEFITS

STRENGTHENING THE LOCAL ECONOMY

EXPANDING THE TAX BASE THROUGH VISITOR ACTIVITY

Visitors will spend time in Highland Park before and after their museum appointments.
They will dine at restaurants, shop at stores, and explore the community.
To support this, we will create and distribute a curated Guide to Highland Park that highlights local businesses, attractions, and dining options.
We are also open to future partnerships with the city that could include transportation links or coordinated promotions designed to encourage guests to extend their stay and their spending.
Increased commerce strengthens sales tax receipts, supports employment, and contributes to the overall vibrancy of the downtown and surrounding districts.

PHILANTHROPY BEFORE OPENING

Immediate Support for Local Priorities

Before the museum opens to the general public, we intend to host a charitable fundraiser benefiting the local Highland Park community.
Possible focus areas could include mental health initiatives, the July 4 memorial, gun safety programs, or other grant priorities identified by community leadership.
This ensures the benefit begins before operations begin.

EMPLOYMENT

Creating Opportunities From the Start

Champion's Point will create a range of new jobs beginning on day one of operation.
These roles will span guest services, education, security, transportation coordination, maintenance, and administration.
Wherever possible, we intend to prioritize hiring from within Highland Park and the surrounding communities to keep economic opportunity local.

PROMOTING LOCAL BUSINESSES VIA A LOCAL PARK GUIDE

A seamless bridge between the museum’s immersive experience and the vibrant local economy

To ensure that Champions Point serves as a genuine catalyst for local commerce, every visitor will receive a curated Highland Park Guide.
One that will highlight the unique shops, restaurants, and service providers that define our community.
By actively promoting these local businesses, we transform our visitors into patrons, thereby encouraging guests to explore, shop, and dine throughout Highland Park during their stay.

DIRECT FINANCIAL CONTRIBUTIONS

SUPPORT THAT OCCURS REGARDLESS OF PROFITABILITY

In addition to donated access, Champion's Point commits to ongoing financial participation that is tied to gross revenue, not net income. This ensures that funds flow to the community, regardless of whether the museum ultimately generates profit.

PARK DISTRICT CONTRIBUTION

Champion's Point will contribute 5% of gross admission ticket sales to the Park District of Highland Park.
Given a projected cost structure of approximately 50%, this equates to roughly 10% of the total profit of the business.
In practical terms, for every dollar of profit, a significant portion is returned directly to a local public institution.

CHAMPIONS LEGACY CONTRIBUTION

An additional 5% of gross admission ticket sales will be directed to the 501(c)(3) Champions Legacy organization to fund the development, distribution, and teaching of the Champions Curriculum.
Again, under the same cost assumptions, this represents approximately 10% of profits.

PROPOSED CITY ADMISSION TAX

We will request the creation of a 5% tax on our gross admission ticket sales, applicable only to visitors from outside Highland Park. Residents would be exempt.
This structure allows revenue to flow into the city from regional, national, and potentially international guests, and provides municipal leadership with discretion to allocate those funds to reduce burdens or enhance services.

TOTAL COMMUNITY RETURN

When these recurring financial contributions are combined with the donated days of property use, approximately 38% of the total economic value generated by Champion's Point is returned to the community.
This is an unusually high reinvestment rate for a cultural institution.

PHILANTHROPIC STEWARDSHIP: INVESTING IN COMMUNITY

SUPPORT THAT OCCURS REGARDLESS OF PROFITABILITY

John Cooper’s philanthropic vision is rooted in a steadfast commitment to the Highland Park community and the broader Chicagoland region, viewing his charitable contributions as a strategic investment in the social fabric of the area. By focusing on diverse charities from youth development, community health, and local institutional vitality, he seeks to create a sustainable "cycle of opportunity" that empowers the next generation while strengthening the essential services that support families and individuals in need.
His ongoing support for these organizations reflects a mission-driven approach to leadership, ensuring that success is not merely achieved but actively shared to foster resilience, health, and academic excellence throughout the community.

Past supported charities include:

- Ravinia Reach Teach Play
- The Dragonfly Foundation
- The Art Center Highland Park
- Nova Festival Survivors
- Highland Park Chamber of Commerce
- Family Services of Glencoe
- ChiCook Officers in Motion
- Boys and Girls Clubs of Chicago
- Hoopademix
- UChicago Cancer Research
- Sacred Heart School
- American Cancer Society
- Greater Chicago Food Depository
- Chicago Lighthouse
- Saint Ignatius College Prep
- CRU
- Athletes in Action
- Fellowship of Christian Athletes
- Water.org
- Convoy of Hope


THE CONCEPT

THE CONCEPT: A CENTER FOR TRANSFORMATION

DESIGN APPROACH: A LIVING ECOSYSTEM OF GREATNESS

Champions Point is a Sensory Transformation Center designed to move guests from passive observation to active personal growth. The environment is architecturally and technologically engineered to guide visitors through a structured "neurological funnel," shifting them from inspiration to execution.

1. THE FOUNDATION: ENVIRONMENTAL DISCIPLINE

The historic residence serves as a case study in intentional design. It reveals that private spaces for study, recovery, and focus are the true birthplaces of elite performance. Visitors learn that greatness is not an event, but a result of the environments we build for ourselves.

2. THE INTERNALIZATION: A MULTI-SENSORY JOURNEY

Guests transition into a high-tech facility where psychological concepts are brought to life. This experience is designed to deconstruct the ego, build new methods of thought, and seal a commitment to action through three key modalities:

Visual Strategy: Abstract concepts are mapped into visible, navigable paths.
Auditory Priming: Specialized soundscapes synchronize the visitor’s state with the high-performance intent of each zone.
Kinesthetic Anchoring: Physical interactions and tactile feedback reinforce the "weight" of decision-making, culminating in a permanent physical anchor to trigger long-term memory.

3. UNIVERSAL DESIGN: INCLUSION FOR ALL

The center is built on Universal Design for Learning (UDL) principles, ensuring the path to greatness is accessible to everyone. The facility adapts in real-time to meet the needs of neurodivergent guests, those with limited mobility, and international visitors, removing language and physical barriers to ensure the mission resonates globally.

STRATEGIC CONCLUSION: A COMMUNITY ENGINE

The ultimate deliverable of Champions Point is a visitor equipped with a concrete roadmap for their own life. This institution is a permanent engine for youth empowerment and an economic asset for the community, moving individuals from "I wish" to "I will."

THE DESIGN APPROACH: A LIVING ECOSYSTEM OF GREATNESS

Champion's Point is designed as a Dynamic Empowerment Center rather than a traditional museum. Instead of just looking at history, visitors participate in it. Our approach merges world-class architecture and athletic facilities with high-tech tools to create a "Living Classroom." Every part of the property is dual-purpose, supporting both public tours and our specific charitable mission for youth.

1. STORYTELLING THROUGH ENVIRONMENT

Art with a Purpose: We use murals and commissioned art to act as visual lessons. Rather than being merely decorative, these pieces illustrate the emotional journey of success—showing qualities such as "quiet discipline" and "mental toughness" — to help teach students the Blueprint of Belief.
Mentorship Spaces: We design rooms (such as the private study) as active-learning stations. Using simple technology, these areas deliver personal advice and mentorship videos from experts directly to the visitor, making the house feel like a personal coaching session.

2. MULTI-SENSORY LEARNING TOOLS

Interactive Goal-Setting: We use light and video displays to turn career highlights into lessons on "Vision Casting." This helps visitors see the step-by-step path from idea to result.
Audio Discipline: We use the natural sounds of training—like the rhythm of a basketball or a heartbeat—as a background for workshops. This helps "Auditory Learners" connect the sound of hard work to the result of consistency.
Digital "Future-Setting": While the public might see statistics through AR/VR, we use that same technology to let youth digitally record their own goals inside the trophy room. This creates a symbolic moment in which they "plant" their legacy in a space of greatness.

3. FACILITIES AS PRACTICE LABS

We repurpose the elite athletic areas of the property into Action Labs. The focus is never on the sport itself, but on the life skills the sport teaches:
The Performance Lab (Courts): These spaces are used to teach teamwork, communication, and how to stay calm and execute a plan when under pressure.
The Discipline Lab (Gym): We use the workout areas to show that "Discipline is Freedom." These sessions focus on how small, consistent efforts build more strength over time than one-off bursts of energy.
The Strategy & Resilience Lab (Outdoor Courts): These areas host drills focused on "Mental Toughness"—learning how to recover from a mistake immediately and stay focused on the next goal.

STRATEGIC GOAL: INTERNALIZING THE LESSON

The result is a transformative design where visitors don't just learn about greatness—they feel it and practice it. By using the architecture of the home to teach life skills, we ensure that every guest leaves with a plan to change their own life.


CONCLUSION

A PARTNERSHIP OPPORTUNITY

Champion's Point has been designed to ensure that the museum's success and the local community's success go hand in hand.

If the project thrives, residents receive unprecedented access to a world-class experience in their own community.

Students receive structured mentorship, repeated educational engagement, and opportunities that can influence the trajectory of their lives. Local institutions receive recurring funding tied to gross revenue, not uncertain profit.

Businesses gain visitors who dine, shop, and explore beyond the museum visit. Environmental assets are studied, protected, and improved.

Neighbors receive enforceable buffers, privacy protections, traffic elimination mechanisms, and financial safeguards for property values.

Nearly half of the economic value generated by Champion's Point, measured through donated time, direct contributions, and proposed tax revenue, flows back outward into public life. Few cultural or educational institutions operate with that level of built-in reinvestment.

This is not a proposal that asks the community to wait for benefits someday in the future. The commitments begin immediately, before opening, and continue every year the museum operates.

We look forward to continuing the dialogue, providing the forthcoming independent studies, and working collaboratively toward approvals that protect neighborhoods while enabling meaningful development.

CHAMPION'S POINT IS READY TO MOVE FORWARD, TOGETHER.


thank you
Champions Point (C) 2026

Champions Point Traffic Impact Study - Executive Summary

Purpose of the Study

A traffic impact study was conducted by Kenig Lindgren O'Hara Aboona Inc. to evaluate how the proposed Champions Point Museum at 2700 Point Lane in Highland Park would affect the surrounding roadway network. The study analyzed existing traffic conditions, projected future conditions through 2032, and evaluated whether roadway improvements would be needed.

Museum Operations and Access Plan

The museum is expected to attract approximately 300 to 500 visitors per day, with visits lasting about 90 to 120 minutes. No visitor vehicle access will be allowed from Point Lane. Visitors will park at an off site parking facility at 2121 Waukegan Road and be transported by shuttle buses to the Heller Nature Center parking lot before walking along existing pedestrian paths to the museum entrance.

Shuttle Transportation System

The transportation plan includes two shuttle buses operating every 15 minutes. Each shuttle accommodates approximately 44 passengers and the system provides transport capacity of approximately 176 passengers per hour.

Vehicle Traffic Generation

A conservative analysis indicates the off site parking lot could experience approximately 70 visitor vehicles entering or exiting per hour. The Heller Nature Center area would experience approximately four shuttle trips per hour.

Traffic Analysis Results

Traffic modeling evaluated existing conditions, 2032 no build conditions, and projected conditions with the museum. Results show surrounding intersections continue operating at acceptable levels of service.

Key Intersection	Projected Performance
Half Day Road & Waukegan Road	Remains LOS D
Half Day Road & Ridge Road	Remains LOS A
Office Park Access Drives	Operate efficiently
Ridge Road & Heller Nature Center	Remains LOS A

Conclusion

The off site parking and shuttle system effectively limits traffic near the museum site. The surrounding roadway network is projected to accommodate museum traffic without requiring roadway improvements.

Traffic Impact Study
Proposed Champions Point Museum

Highland Park, Illinois



Prepared For:

Champions Point LLC

KLOA
Kenig, Lindgren, O'Hara, Aboona, Inc.

March 5, 2026

1. Introduction

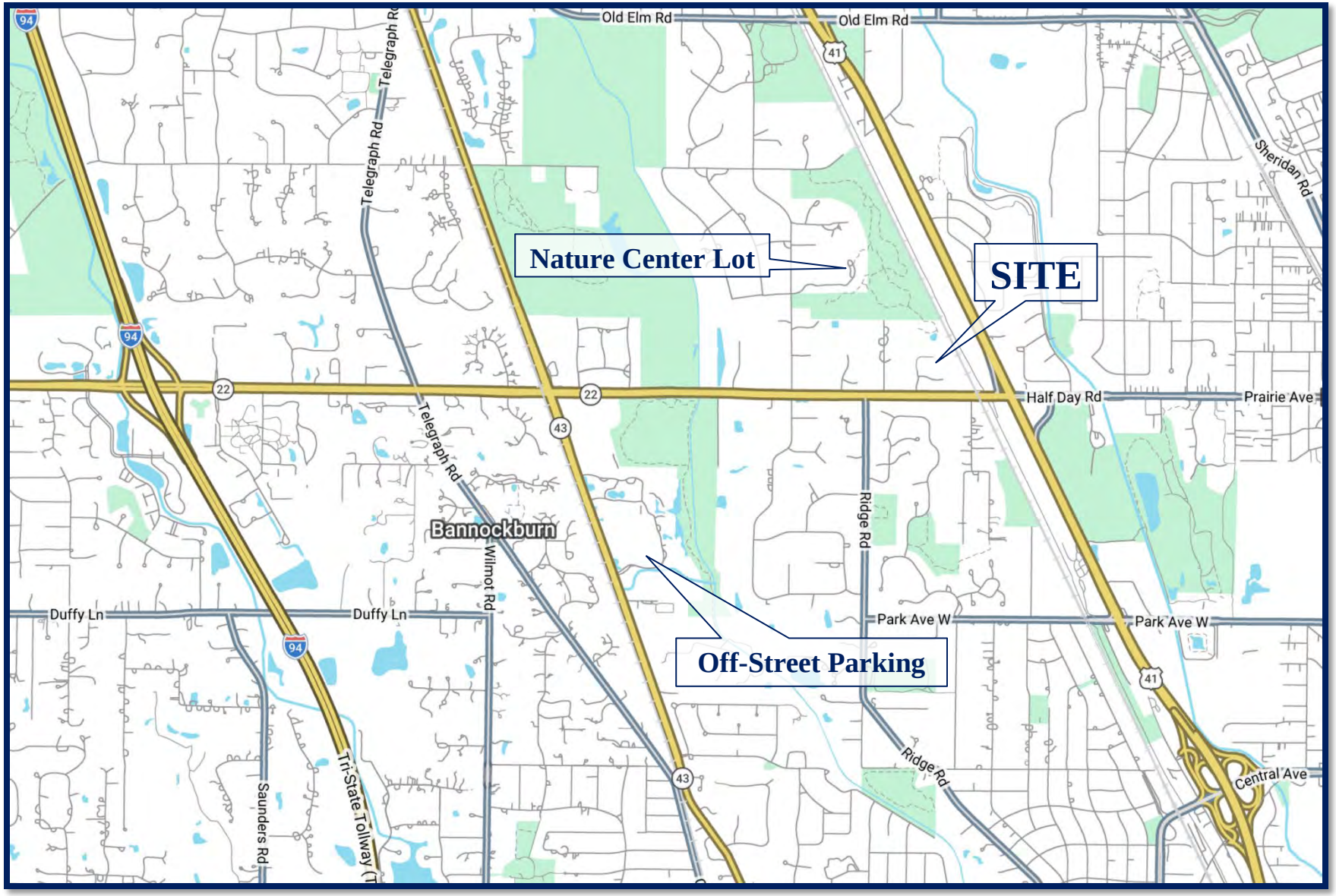
This report summarizes the methodologies, results, and findings of a traffic impact study conducted by Kenig, Lindgren, O'Hara, Aboona, Inc. (KLOA, Inc.) for the proposed Champions Point Museum to be located at 2700 Point Lane in Highland Park, Illinois. The site is located on the north side of Half Day Road (Illinois Route 22) approximately one quarter mile west of Skokie Valley Road (U.S. Route 41) and one and a quarter mile east of Waukegan Road (Illinois Route 22).

As proposed, the existing building on site will be converted to a museum. No direct passenger vehicle access to the museum will be permitted from Point Lane. Visitors will be shuttled from an offsite parking location at 2121 Waukegan Road to the Heller Nature Center parking lot. Visitors with ADA needs and employees will also be shuttled from 2121 Waukegan Road but these shuttles will provide direct access to the site. Evening cleaning crew and supply deliveries (one delivery per week) will also have direct access to the site.

Figure 1 shows the location of the site in relation to the area roadway system. **Figure 2** shows an aerial view of the site.

The purpose of this study was to examine background traffic conditions, assess the impact that the proposed museum will have on traffic conditions in the area, and determine if any roadway or access improvements are necessary to accommodate traffic generated by the proposed museum. The sections of this report present the following:

- Existing roadway conditions
- A description of the proposed museum operations
- A description of proposed shuttle system
- Directional distribution of the museum traffic
- Vehicle trip generation for the museum
- Future traffic conditions including access to the off-site parking area and the shuttle system
- Traffic analyses for the weekday morning, weekday evening, and Saturday midday peak hours
- Recommendations with respect to adequacy of the off-site parking area access and shuttle system operations.



Site Location **Figure 1**



Aerial View of Site **Figure 2**

Traffic capacity analyses were conducted for the weekday morning and weekday evening peak hours for the following conditions:

1. Existing Conditions – Analyzes the capacity of the existing roadway system using existing peak hour traffic volumes.

2. Year 2032 No-Build Conditions – Analyzes the capacity of the existing roadway system using the existing peak hour traffic volumes increased by an ambient area growth not attributable to any particular development and the traffic that will be generated by a proposed commercial development at the intersection of Waukegan Road and Half-Day Road.

3. Year 2032 Projected Conditions – Analyzes the capacity of the future roadway system using the projected traffic volumes that include the no-build traffic volumes and the increase in traffic estimated to be generated by the proposed museum.

2. Existing Conditions

Existing transportation conditions in the vicinity of the site were documented based on field visits conducted by KLOA, Inc. in order to obtain a database for projecting future conditions. The following provides a description of the geographical location of the site, physical characteristics of the area roadway system including lane usage and traffic control devices, and existing peak hour traffic volumes.

Site Location

The site is located on the north side of Half Day Road (Illinois Route 22) approximately one quarter mile west of Skokie Valley Road (U.S. Route 41) and one and a quarter mile east of Waukegan Road (Illinois Route 22). Land uses in the vicinity of the site are primarily residential.

The off-site parking area is located at 2121 Waukegan Road within the Bannockburn Lakes office park. Land uses in the vicinity of the parking area are primarily residential to the east and west with commercial and office uses along Waukegan Road.

Existing Roadway System Characteristics

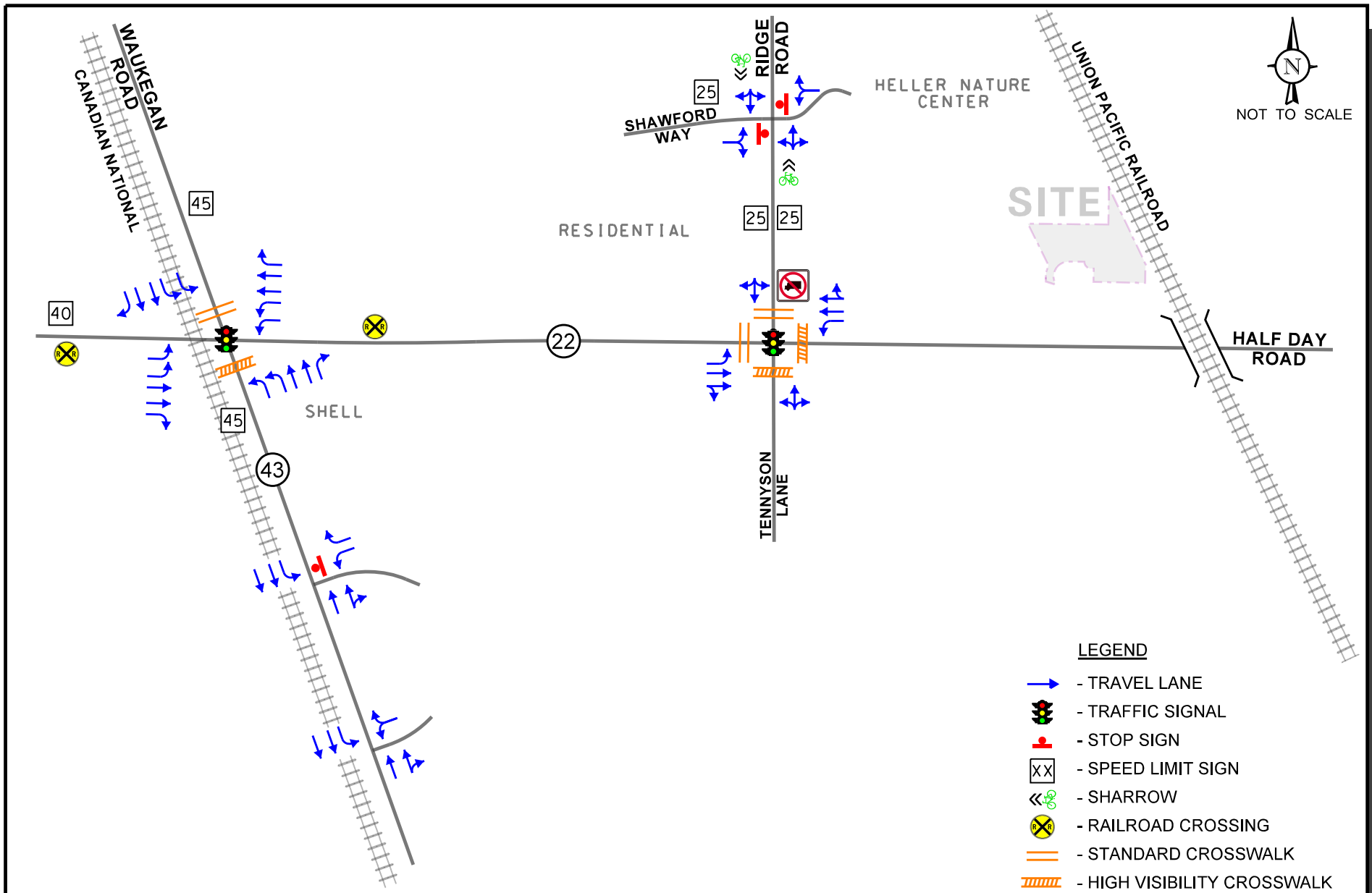
The characteristics of the existing roadways near the development are described below and illustrated in **Figure 3**.

Half Day Road (Illinois Route 22)

- East-west principal arterial roadway.
- Designated as Strategic Regional Arterial (SRA) Route.
- Generally provides two travel lanes in each direction.
- Jurisdiction of the Illinois Department of Transportation (IDOT).
- Carries an annual average daily traffic (AADT) volume of 20,200 vehicles west of Waukegan Road and 20,300 vehicles east of Waukegan Road (IDOT 2023).
- Posted speed limit of 40 miles per hour.

Waukegan Road

- North-south roadway.
- Designated as a principal arterial south of Half Day Road and a minor arterial north of Half Day Road
- Not designated as an SRA route.
- Generally provides two travel lanes in each direction.
- Jurisdiction of IDOT
- Carries an AADT volume of 14,700 vehicles north of Half Day Road and 15,400 vehicles south of Half Day Road (IDOT 2023).
- Posted speed limit of 45 miles per hour.



Champions Point Museum
Highland Park, Illinois

Existing Roadway Characteristics

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Figure: 3

Ridge Road

- North-south major collector roadway.
- Provides one travel lane in each direction.
- Jurisdiction of City of Highland Park
- Carries an AADT volume of 1,500 vehicles (IDOT 2023).
- Posted speed limit of 25 miles per hour.

Tennyson Lane

- North-south local roadway.
- Provides one travel lane in each direction.
- Jurisdiction of City of Highland Park
- Posted speed limit of 25 miles per hour

Shawford Way

- East-west local roadway.
- Provides one travel lane in each direction.
- Jurisdiction of City of Lake Forest
- Posted speed limit of 25 miles per hour

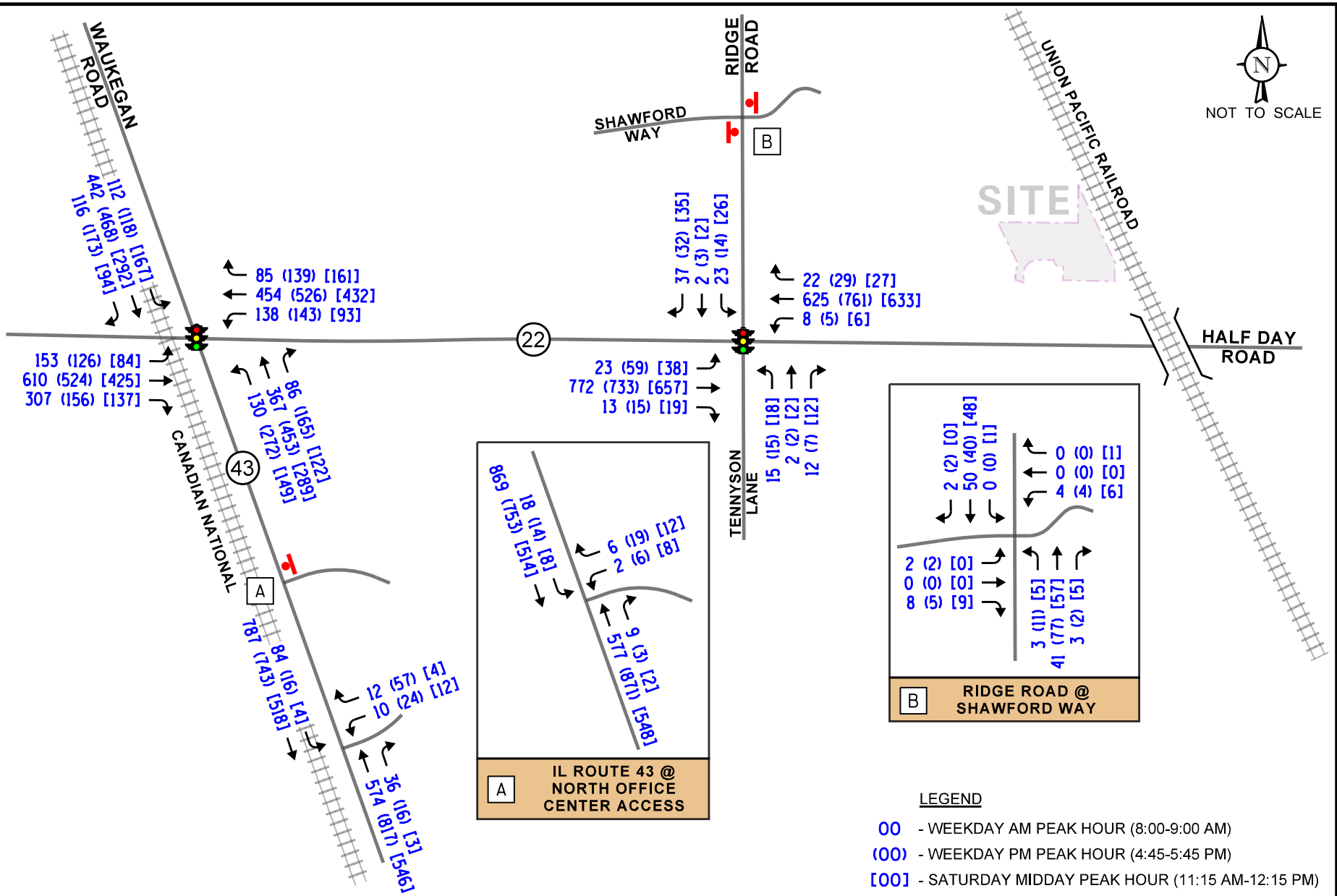
Existing Traffic Volumes

In order to determine current traffic conditions in the vicinity of the site, KLOA, Inc. conducted peak period traffic counts utilizing Miovision Scout Video Collection Units during the weekday morning (7:00 to 9:00 A.M.) and evening (4:00 to 6:00 P.M.) peak periods and the Saturday midday (11:00 A.M. to 2:00 P.M.) peak periods at the following intersections:

- Waukegan Road with Half Day Road
- Waukegan Road with the Bannockburn Lakes access drive
- Half Day Road with Ridge Road and Tennyson Lane
- Ridge Road with Shawford Way and the Heller Nature Center access drive.

The traffic counts were conducted on Thursday, January 29, 2026 and on Saturday, January 31, 2025. The results of the traffic counts indicated that the weekday morning peak hour of traffic occurs from 8:00 to 9:00 A.M., the weekday evening peak hours of traffic occurs from 4:45 to 5:45 P.M., and the Saturday midday peak hour of traffic occurs from 11:15 A.M. to 12:15 P.M. These peak hours occur during times the museum will be open as discussed later in the report.

Figure 4 illustrates the existing peak hour traffic volumes. Copies of the traffic count summary sheets are included in the Appendix.



Champions Point Museum
Highland Park, Illinois

Existing Traffic Volumes

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Figure: 4

Train Observations

Running parallel to Waukegan Road on the west side is a Canadian Pacific Railway railroad. These tracks also carry service by the Metra commuter rail Milwaukee District-North line. An at-grade railroad crossing is located within the influence of the intersection of Half Day Road with Waukegan Road approximately 110 feet west of Waukegan Road (centerline to centerline). The railroad has two tracks and the crossing is gated. A combination of Metra commuter (Milwaukee District-North line), Amtrak, and freight trains run along the tracks.

Based on the Illinois Commerce Commission website, the crossing carries an average of 74 passenger trains per day and an average of 16 freight trains per day. Field observations conducted during the weekday morning, weekday evening, and Saturday midday peak hours, coordinated with the Metra Milwaukee District-North schedule, indicated that:

- When the gates are closed, the traffic signal at Half Day Road and Waukegan Road allows northbound through/right-turn and southbound through movements on Waukegan Road only. Half Day Road movements in both directions remain under an all-red phase. Additionally, the northbound and southbound left-turn movements on Waukegan Road are under a red-left-turn arrow.

- According to the Metra train schedule for this line (Milwaukee District/North Line [MD-N]), there are two inbound and two outbound trains during the weekday morning peak hour. Field observations indicated that the gates were down for approximately 45 seconds. Traffic queueing resulting from a Metra train crossing quickly dissipates once the gate is lifted.

- According to the Metra train schedule for this line, there are two inbound and four outbound trains during the weekday evening peak hour. Field observations indicated that the gates were down for approximately 50 seconds for commuter trains. The gates were down for approximately one and a half minutes for intercity trains (Amtrak), of which there were three that utilized the crossing during the peak hour. Traffic queueing resulting from a Metra train crossing quickly dissipates once the gate is lifted.

- One southbound freight train was observed during the weekday morning peak hour. Field observations indicated the gates were down for approximately two and a half minutes. This time delay resulted in a westbound queue on Half Day Road that extended to Birchwood Lane. It should be noted that the westbound queues dissipated within a few minutes after the gates were open.

- According to the Metra train schedule for this line, there are one inbound and one outbound train during the weekday evening peak hour. During the Saturday midday peak hour, there was one southbound freight train which resulted in the train gates being down for approximately three and a half minutes. It should be noted that the westbound queues dissipated within a few minutes after the gates were open.

3. Traffic Characteristics of the Proposed Development

To properly evaluate future traffic conditions in the surrounding area, it was necessary to determine the traffic characteristics of the proposed museum including the directional distribution and volumes of traffic that it will generate.

Proposed Site and Development Plan

As proposed, the existing building at 2700 Point Lane will be converted into the Champions Point museum. During the anticipated peak season (May to October) the museum will be open daily between 8:00 A.M. and 7:00 P.M. During the off peak season (November to April) the museum will be open daily between 8:00 A.M. and 5:00 P.M. The experience at the museum will take between 90 and 120 minutes. It is anticipated that the museum will have an average of 300 to 500 daily visitors.

No direct vehicle access to the museum will be permitted from Point Lane for visitors of the museum. Therefore, visitors will be shuttled from an offsite parking location at 2121 Waukegan Road to the Heller Nature Center parking lot. Visitors with ADA needs and employees will also be shuttled from 2121 Waukegan Road but these shuttles will provide direct access to the site. Evening cleaning crew and supply deliveries (one delivery per week) will also have direct access to the site.

The travel route for visitor shuttle buses will be along Waukegan Road (IL Route 43) between the off-site parking location and Half Day Road (IL Route 22), along Half Day Road between Waukegan Road and Ridge Road, and along Ridge Road between Half Day Road and the Heller Nature Center access roadway. This shuttle route is approximately two miles long, as illustrated in **Figure 5**. Once dropped off within the Heller Nature Center, visitors will walk along existing pedestrian paths allowing them to access the subject property through a short path extension joining the two properties. At the off-site parking location, 200 parking spaces will be available for visitors.

A review of available Google travel time estimates for the route during the weekday morning, weekday evening, and Saturday midday peak hours indicate that the time it takes to travel the route is between five and eight minutes. As such, taking into consideration the one way travel time, and the time it takes to load and unload passengers from the bus, one bus will be able to make a round trip in under 30 minutes. Therefore, to accommodate guests of the museum, there will be a total of two shuttle buses, running every 15 minutes. These shuttles will be able to accommodate 44 people per trip and when taking into consideration the anticipated shuttle usage (four shuttles per hour). A total of 176 people per hour can be processed through the museum. With an anticipated 500 visitors per day, the four shuttles per hour will be more than adequate in accommodating estimated patron demand.



Champions Point Museum
Highland Park, Illinois

Shuttle Route

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Figure: 5

Development-Generated Traffic Volumes

The number of peak hour trips estimated to be generated by the proposed museum was based on the information provided by the operator regarding the hours of operation, average number of visitors per day, and use of shuttles.

As previously indicated, it is anticipated that there will be approximately 500 visitors daily. During the peak season, when the museum is open for 11 hours, it is estimated that there would be an average of 45 people per hour.

However, for the purposes of this evaluation, in order to provide a conservative (worst case analysis) the passenger vehicle trip generation to the off-site parking location was based on the theoretical processing ability of the shuttles of 176 people per hour. With an assumed auto occupancy of 2.5 people per vehicle, it is anticipated that the off-site parking lot could see a maximum 70 vehicles in and out per hour.

When including the four shuttles in and out per hour, it is anticipated that the Heller Nature Center would see four in and out shuttles per hour while the off-site parking locations would see 74 vehicles in and out per hour (of which four vehicles are shuttles).

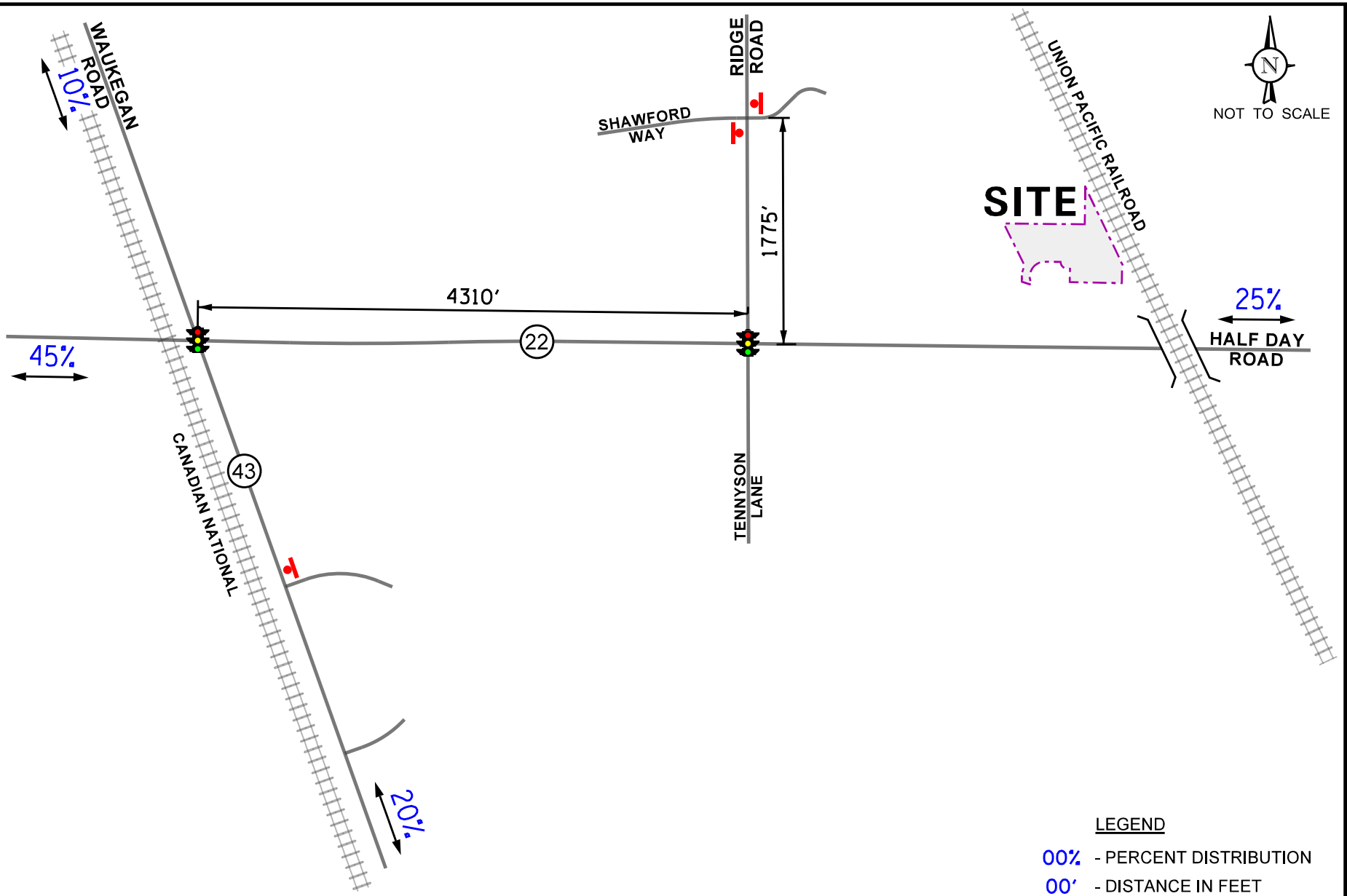
To determine the impact of a peak hour on the study area intersections, these traffic volumes were assumed to occur during the previously identified weekday morning, weekday evening,, and Saturday midday peak hours. **Table 1** summarizes the estimated peak hour trips.

Table 1
SITE-GENERATED TRIP ESTIMATES

Type/Size	Weekday Morning Peak Hour			Weekday Evening Peak Hour			Saturday Midday Peak Hour		
	In	Out	Total	In	Out	Total	In	Out	Total
Visitors	70	70	140	70	70	140	70	70	140
Shuttles	4	4	8	4	4	8	4	4	8

Directional Distribution

The directional distribution of future visitor and employee trips on the roadway system is a function of several variables, including expected travel routes and the operational characteristics of the roadway system. The directions from which visitors and employees of the proposed museum will approach and depart the site are illustrated in **Figure 6.**



Champions Point
Museum
Highland Park, Illinois

Directional Distribution

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Figure: 6

4. Projected Traffic Conditions

The total projected traffic volumes include the existing traffic volumes, increase in background traffic due to growth, and the traffic estimated to be generated by the proposed museum.

Site Traffic Assignment

The estimated weekday morning, weekday evening, and Saturday midday peak hour traffic volumes that will be generated by visitors of proposed museum traveling to and from the off-site parking area were assigned to the roadway system in accordance with the previously described directional distribution (Figure 6). **Figure 7** illustrates the traffic assignment of the new visitor site traffic.

The estimated weekday morning, weekday evening, and Saturday midday peak hour shuttle traffic that will be generated by the proposed museum was assigned to the roadway system in accordance with the proposed shuttle route (Figure 5). **Figure 8** illustrates the traffic assignment of the shuttle traffic.

Background (No-Build) Traffic Conditions

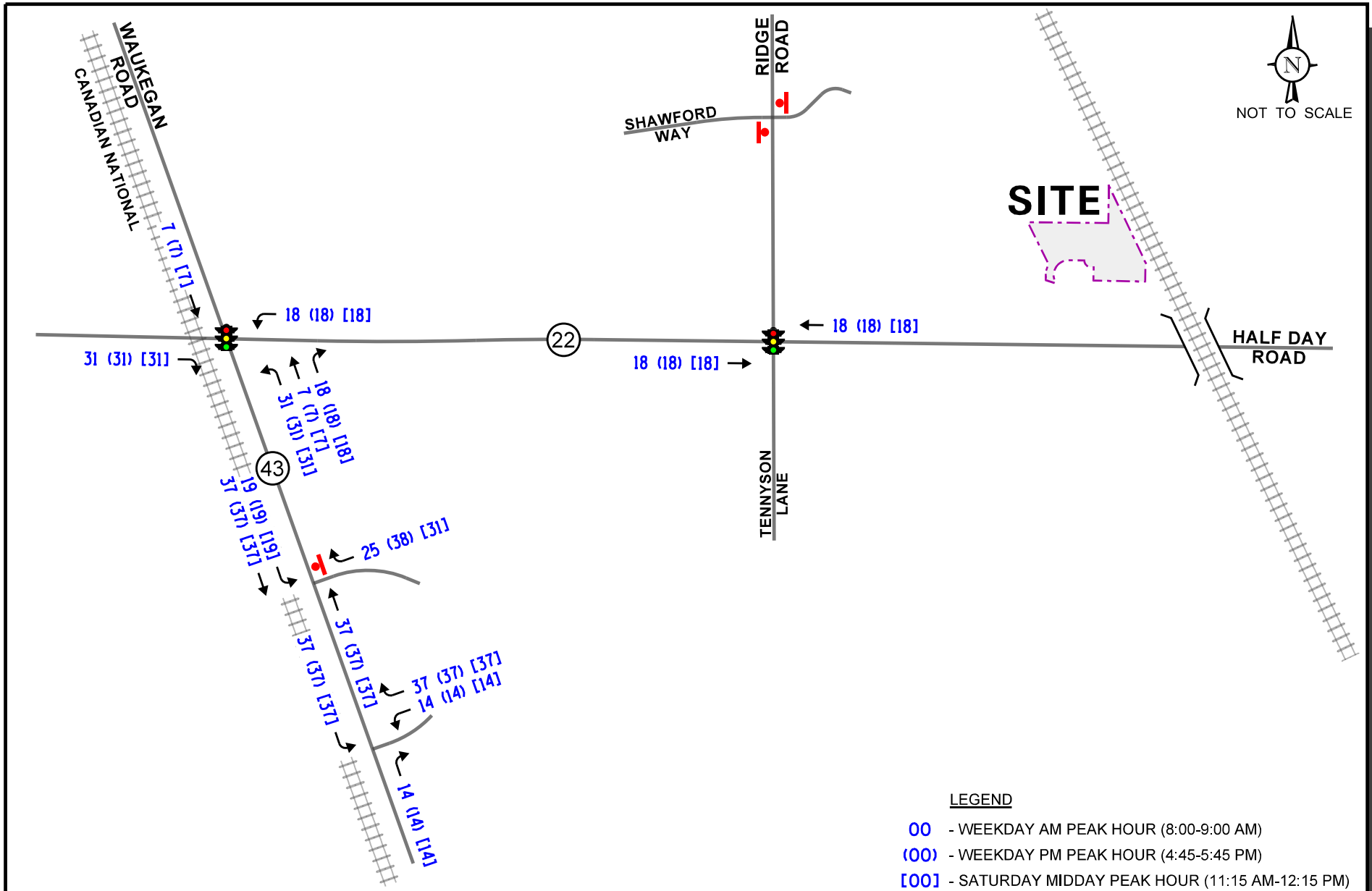
The existing traffic volumes (Figure 4) were increased by a regional growth factor to account for the increase in existing traffic related to regional growth in the area (i.e., not attributable to any particular planned development). Based on AADT projections provided by the Chicago Metropolitan Agency for Planning (CMAP) in a letter dated January 7, 2025, the existing traffic volumes are projected to increase by an annual growth rate of 0.6 percent per year. As such, the existing traffic volumes were increased by four percent (one year buildout plus five years) to project Year 2032 no-build conditions. A copy of the CMAP 2050 projections letter is included in the Appendix.

In addition, the traffic that will be generated by a proposed commercial development in the northeast corner of the intersection of Half Day Road with Waukegan Road was added to the roadway network.

Figure 9 illustrates the Year 2032 no-build traffic conditions.

Total Projected Traffic Volumes

The museum-generated traffic (Figures 7 and 8) was added to the no-build traffic volumes (Figure 9) to determine the Year 2032 total projected traffic volumes as illustrated in **Figure 10**.

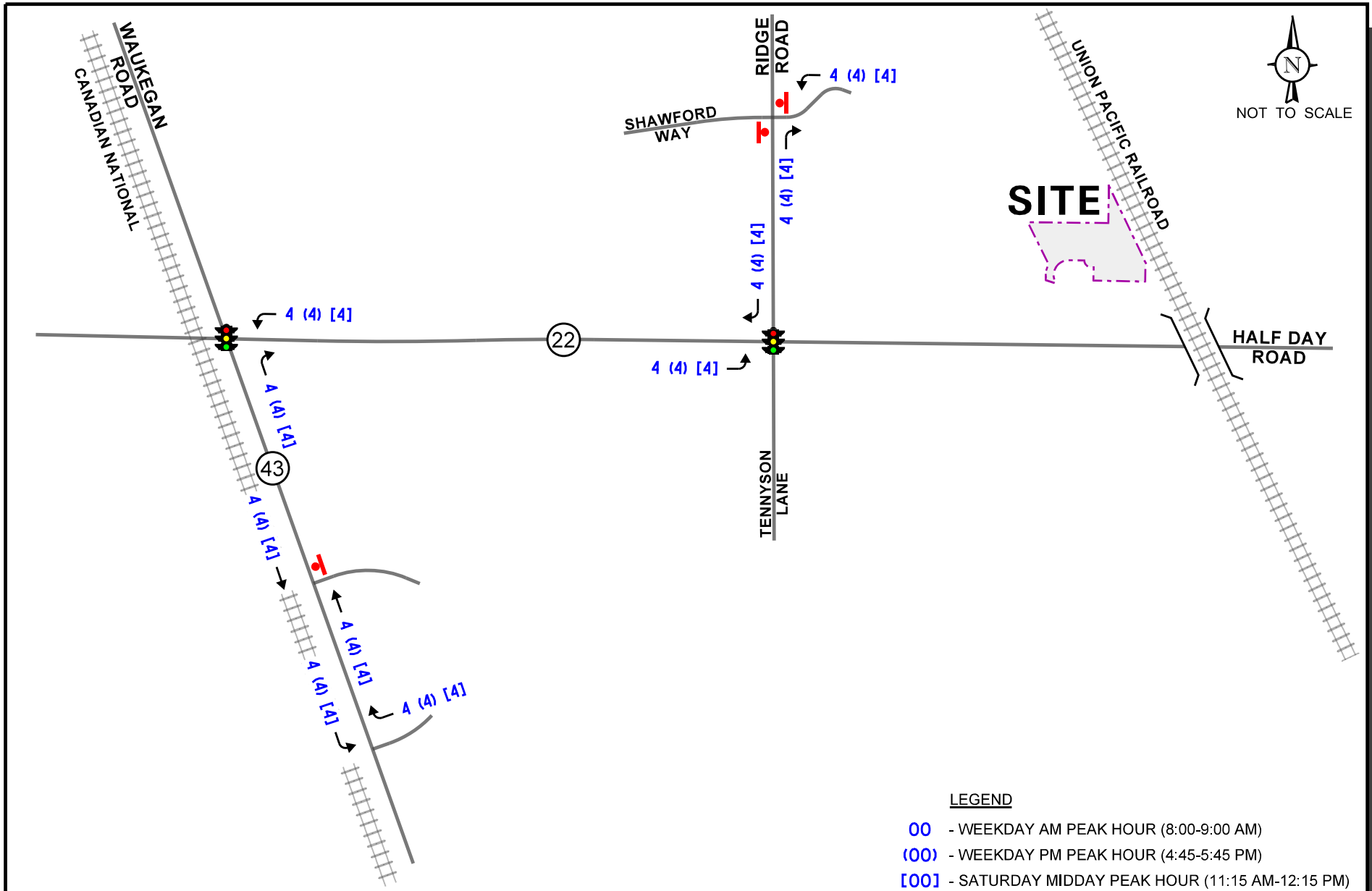


Champions Point Museum
Highland Park, Illinois

New Site Traffic Volumes
Visitors

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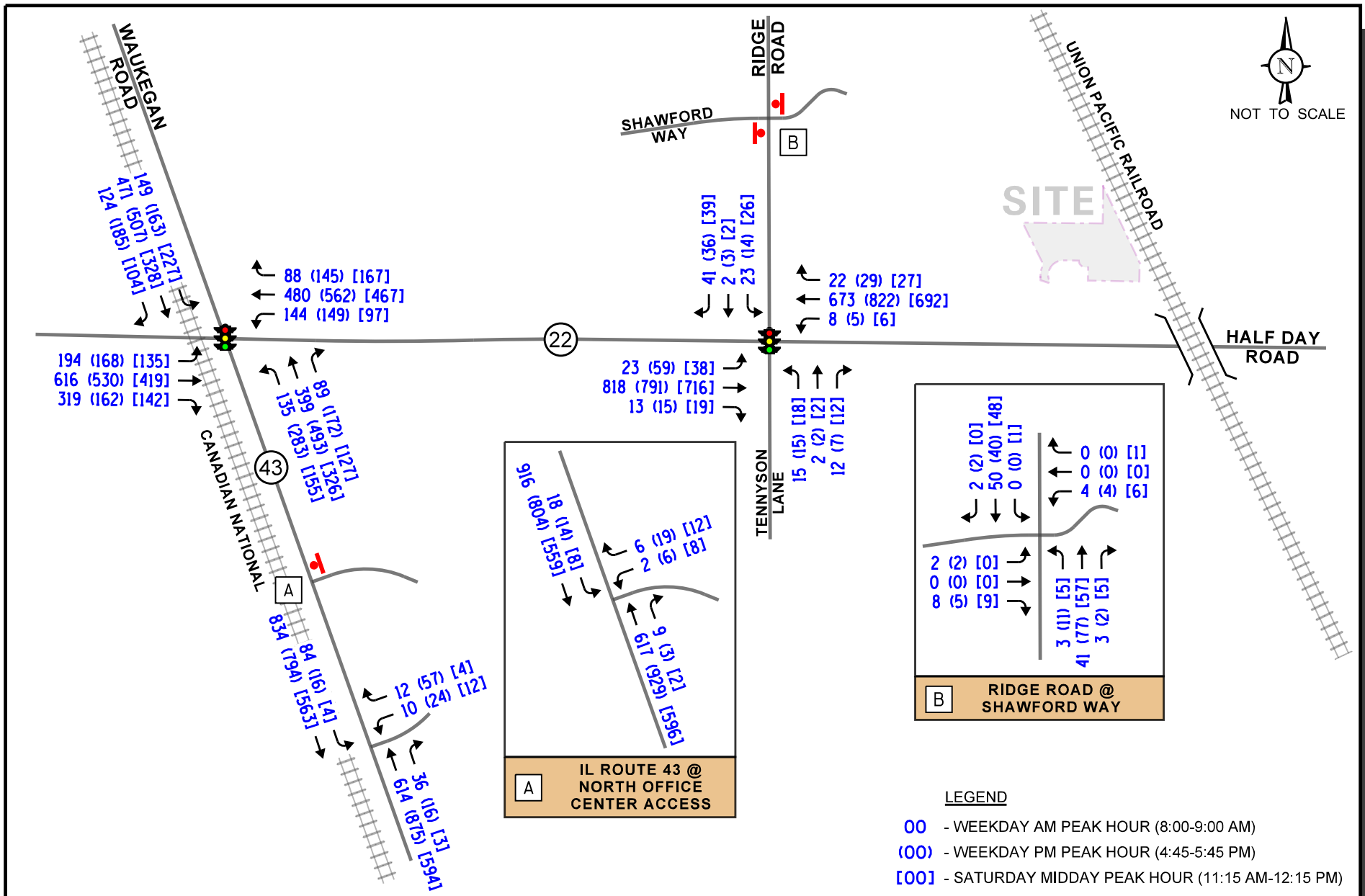
Champions Point Museum
Highland Park, Illinois

New Site Traffic Volumes
Shuttle

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Job No: 25-375

Figure: 8

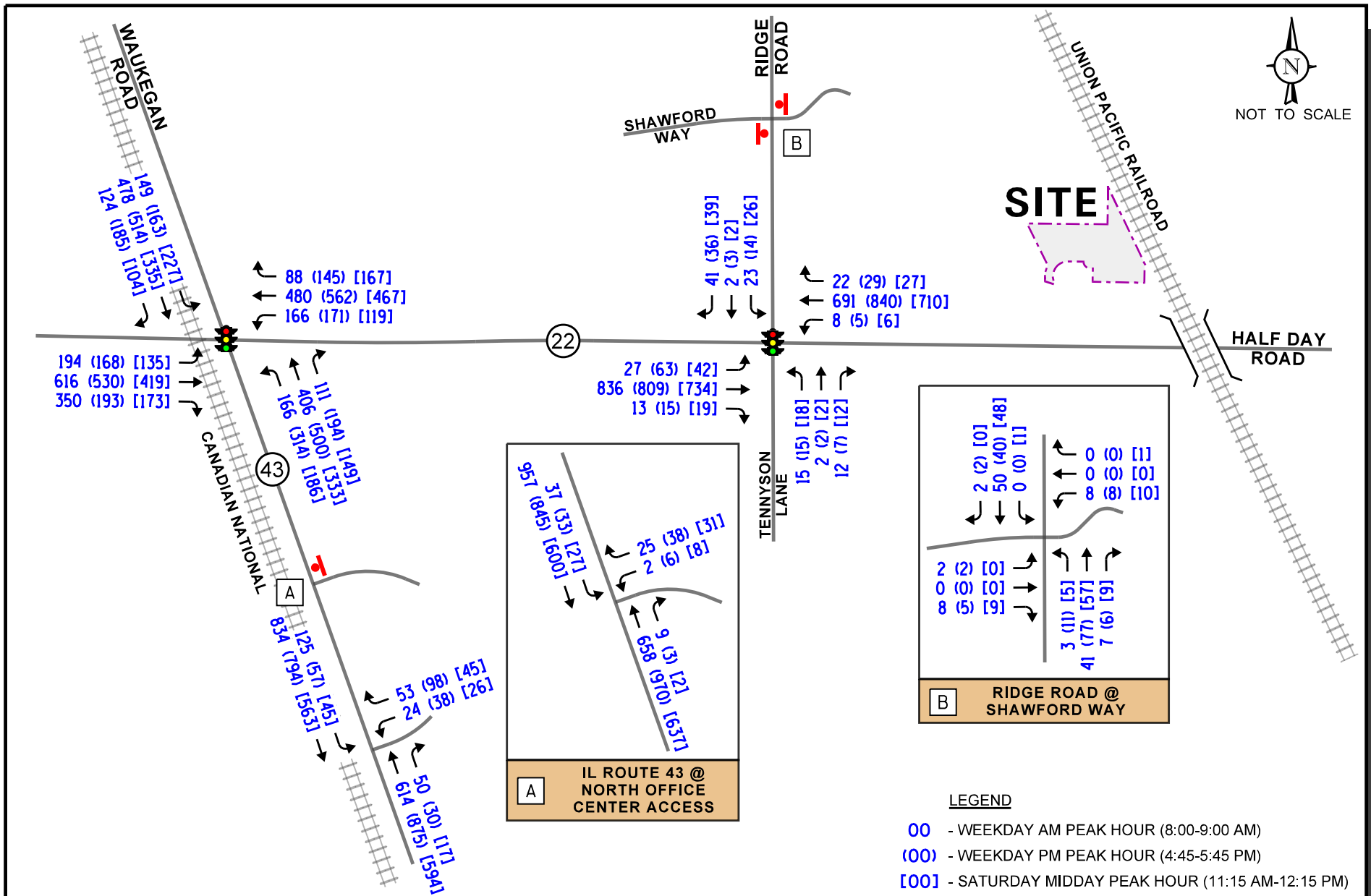


Champions Point Museum
Highland Park, Illinois

Year 2032 No-Build Traffic Volumes

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Champions Point Museum
Highland Park, Illinois

Year 2032 Total Traffic Volumes

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Job No: 25-375 Figure: 10

5. Traffic Analysis and Recommendations

The following provides an evaluation conducted for the weekday morning, weekday evening, and Saturday midday peak hours. The analysis includes conducting capacity analyses to determine how well the roadway system and access drives are projected to operate and whether any roadway improvements or modifications are required.

Traffic Analyses

Roadway and adjacent or nearby intersection analyses were performed for the weekday morning, weekday evening, and Saturday midday peak hours for the existing, Year 2032 no-build, and Year 2032 projected traffic volumes.

The traffic analyses were performed using the methodologies outlined in the Transportation Research Board's *Highway Capacity Manual (HCM), 7*th Edition and analyzed using Synchro/SimTraffic 12 software. The analysis for the traffic-signal controlled intersection to determine the average overall vehicle delay and levels of service were accomplished using utilizing actual cycle lengths and phasings.

The analyses for the unsignalized intersections determine the average control delay to vehicles at an intersection. Control delay is the elapsed time from a vehicle joining the queue at a stop sign (includes the time required to decelerate to a stop) until its departure from the stop sign and resumption of free flow speed. The methodology analyzes each intersection approach controlled by a stop sign and considers traffic volumes on all approaches and lane characteristics.

The ability of an intersection to accommodate traffic flow is expressed in terms of level of service, which is assigned a letter from A to F based on the average control delay experienced by vehicles passing through the intersection. The *Highway Capacity Manual* definitions for levels of service and the corresponding control delay for signalized intersections and unsignalized intersections are included in the Appendix of this report.

Summaries of the traffic analysis results showing the level of service, overall intersection delay (measured in seconds), for the existing, no-build, and total projected conditions are presented in **Tables 2** through **6**. A discussion of each intersection follows. Summary sheets for the capacity analyses are included in the Appendix.

Table 2
HALF DAY ROAD WITH WAUKEGAN ROAD – SIGNALIZED

	Peak Hour	Eastbound			Westbound			Northbound			Southbound			Overall
		L	T	R	L	T	R	L	T	R	L	T	R	
Existing Conditions	Weekday Morning	E 57.6	C 30.5	C 34.3	E 62.9	C 29.3	B 15.3	E 58.4	D 35.8	C 22.7	E 57.7	D 36.8	C 22.7	D 36.4
		D - 35.4			C - 34.4			D - 38.9			D - 37.9			
	Weekday Evening	E 62.9	D 39.8	D 38.0	E 67.5	D 37.8	C 22.9	E 62.2	C 29.6	B 19.2	E 63.6	D 35.1	C 23.5	D 39.5
		D – 43.0			D - 40.5			D - 37.6			D - 36.9			
	Saturday Midday	D 43.5	C 28.8	C 28.1	D 43.6	C 28.7	B 16.1	D 43.9	C 26.7	B 17.4	D 45.1	C 26.9	B 17.6	C 29.5
		C - 30.6			C - 27.8			C - 29.2			C - 30.8			
No-Build Conditions	Weekday Morning	E 57.6	C 30.9	D 35.5	E 61.5	C 31.2	B 16.3	E 58.6	D 36.7	C 22.8	E 59.4	D 37.1	C 21.6	D 37.5
		D - 36.8			D - 35.5			D - 39.4			D - 39			
	Weekday Evening	E 62.9	D 39.6	D 38.0	E 67.5	D 39.5	C 23.3	E 62.1	C 31.0	B 19.9	E 66.5	D 36.4	C 23.1	D 40.7
		D - 43.8			D - 41.7			D - 38.3			D - 39.2			
	Saturday Midday	D 43.9	C 28.5	C 28.2	D 43.6	C 30.3	B 16.5	D 43.9	C 27.9	B 18.0	D 47.1	C 27.5	B 16.9	C 30.7
		C - 31.4			C - 28.9			C - 29.9			C - 32.6			
Projected Conditions	Weekday Morning	E 57.6	C 30.4	D 36.7	E 62.1	C 30.6	B 16.0	E 60.5	D 37.6	C 23.4	E 59.4	D 38.6	C 22.3	D 38.2
		D - 36.8			D – 36.0			D - 40.9			D - 40			
	Weekday Evening	E 62.9	D 39.0	D 39.3	E 70.0	D 38.6	C 22.9	E 61.8	C 31.7	C 20.6	E 66.5	D 38.2	C 24.4	D 41.2
		D - 43.6			D - 42.1			D - 38.9			D - 40.6			
	Saturday Midday	D 43.9	C 28.5	C 29.6	D 43.7	C 29.7	B 16.2	D 43.9	C 28.2	B 18.1	D 48.0	C 28.9	B 17.9	C 31.1
		C - 31.6			C - 28.9			C - 30.3			C - 33.7			

Letter denotes Level of Service L – Left Turn R – Right Turn
Delay is measured in seconds. T – Through

Table 3
HALF DAY ROAD WITH RIDGE ROAD AND TENNYSON LANE – SIGNALIZED

	Peak Hour	Eastbound			Westbound			Northbound			Southbound			Overall
		L	T	R	L	T	R	L	T	R	L	T	R	
Existing Conditions	**Weekday Morning**	A 4.0	A 4.3		A 2.0	A 2.6		D 38.2			C 32.4			A 5.3
		A - 4.3			A - 2.5									
	Weekday Evening	A 3.0	A 2.6		A 1.6	A 2.4		D 46.7			C 32.7			A 4.0
		A - 2.6			A - 2.4									
	Saturday Midday	A 3.7	A 3.3		A 2.0	A 2.5		D 44.3			D 37.6			A 5.3
		A - 3.3			A - 2.5									
No-Build Conditions	**Weekday Morning**	A 3.9	A 4.1		A 2.0	A 2.6		D 38.2			C 32.4			A 5.1
		A - 4.1			A - 2.6									
	Weekday Evening	A 2.9	A 2.5		A 1.6	A 2.5		D 46.7			C 32.7			A 3.9
		A - 2.5			A - 2.5									
	Saturday Midday	A 3.8	A 3.4		A 2.0	A 2.6		D 44.3			D 37.6			A 5.2
		A - 3.4			A - 2.6									
Projected Conditions	**Weekday Morning**	A 4.2	A 4.2		A 2.1	A 2.7		D 38.0			C 31.8			A 5.2
		A - 4.2			A - 2.7									
	Weekday Evening	A 3.3	A 2.6		A 1.6	A 2.5		D 46.4			C 32.4			A 4.0
		A - 2.6			A - 2.5									
	Saturday Midday	A 4.1	A 3.5		A 2.0	A 2.7		D 44.1			D 37.2			A 5.3
		A - 3.5			A - 2.7									

Letter denotes Level of Service L – Left Turn R – Right Turn
Delay is measured in seconds. T – Through

Table 4
CAPACITY ANALYSIS RESULTS
EXISTING CONDITIONS – UNSIGNALIZED

Intersection	Weekday Morning Peak Hour		Weekday Evening Peak Hour		Saturday Midday Peak Hour	
	LOS	Delay	LOS	Delay	LOS	Delay
Waukegan Road with North Bannockburn Lakes Access Drive[1]						
• Southbound Left Turn	A	8.8	B	10.2	A	8.6
• Westbound Left Turn	C	15.9	C	20.4	B	14.1
• Westbound Right Turn	B	10.7	B	12.4	B	10.3
Waukegan Road with South Bannockburn Lakes Access Drive[1]						
• Southbound Left Turn	A	9.3	B	10.1	A	8.6
• Westbound Left Turn	C	18.3	C	21.4	B	14.1
• Westbound Right Turn	B	10.5	B	12.7	B	10.1
Ridge Road with Shawford Way and the Nature Center Access Drive[1]						
• Northbound Left Turn	A	7.3	A	7.3	A	7.3
• Southbound Left Turn	A	--	A	--	A	8.3
• Eastbound Approach	A	8.7	A	8.9	A	8.6
• Westbound Approach	A	9.3	A	9.8	A	9.3

LOS = Level of Service
Delay is measured in seconds.
1 – Two-way stop control

Table 5
CAPACITY ANALYSIS RESULTS
YEAR 2032 NO-BUILD CONDITIONS – UNSIGNALIZED

Intersection	Weekday Morning Peak Hour		Weekday Evening Peak Hour		Saturday Midday Peak Hour	
	LOS	Delay	LOS	Delay	LOS	Delay
Waukegan Road with North Bannockburn Lakes Access Drive[1]						
• Southbound Left Turn	A	9.0	B	10.5	A	8.8
• Westbound Left Turn	C	16.6	C	21.8	B	14.7
• Westbound Right Turn	B	10.9	B	12.8	B	10.6
Waukegan Road with South Bannockburn Lakes Access Drive[1]						
• Southbound Left Turn	A	9.5	B	10.5	A	8.8
• Westbound Left Turn	C	19.1	C	23.1	B	14.8
• Westbound Right Turn	B	10.7	B	13.2	B	10.3
Ridge Road with Shawford Way and the Nature Center Access Drive[1]						
• Northbound Left Turn	A	7.3	A	7.3	A	7.3
• Southbound Left Turn	A	--	A	--	A	8.3
• Eastbound Approach	A	8.7	A	8.9	A	8.6
• Westbound Approach	A	9.3	A	9.8	A	9.3

LOS = Level of Service
Delay is measured in seconds.
1 – Two-way stop control

Table 6
CAPACITY ANALYSIS RESULTS
YEAR 2032 PROJECTED CONDITIONS – UNSIGNALIZED

Intersection	Weekday Morning Peak Hour		Weekday Evening Peak Hour		Saturday Midday Peak Hour	
	LOS	Delay	LOS	Delay	LOS	Delay
Waukegan Road with North Bannockburn Lakes Access Drive[1]						
• Southbound Left Turn	A	9.2	B	11.0	A	9.0
• Westbound Left Turn	C	17.8	C	23.5	C	15.7
• Westbound Right Turn	B	11.3	B	13.4	B	10.9
Waukegan Road with South Bannockburn Lakes Access Drive[1]						
• Southbound Left Turn	A	9.8	B	10.9	A	9.0
• Westbound Left Turn	C	22.2	D	26.9	C	16.2
• Westbound Right Turn	B	11.2	B	14.1	B	10.7
Ridge Road with Shawford Way and the Nature Center Access Drive[1]						
• Northbound Left Turn	A	7.3	A	7.3	A	7.3
• Southbound Left Turn	A	--	A	--	A	8.3
• Eastbound Approach	A	8.7	A	8.9	A	8.6
• Westbound Approach	A	9.3	A	9.9	A	9.4

LOS = Level of Service
Delay is measured in seconds.
1 – Two-way stop control

Discussion and Recommendations

The following summarizes how the intersections are projected to operate and identifies any roadway and traffic control improvements necessary to accommodate the site-generated traffic.

Half Day Road with Waukegan Road

The results of the capacity analysis indicate that the intersection currently operates at Level of Service (LOS) D during the weekday morning and weekday evening peak hours and at LOS C during the Saturday midday peak hour. All of the approaches operate at LOS D or better during the peak hours.

Under Year 2032 total conditions, the intersection is projected to continue operating at the same LOS during all three peak hours with increases in delay of less than one second. All of the approaches are projected to continue operating at LOS D or better during the peak hours. As such, this intersection can accommodate the traffic projected to be generated by the museum and no traffic signal or roadway modifications are needed.

Half Day Road with Ridge Road

The results of the capacity analysis indicate that the intersection currently operates at LOS A during the weekday morning, weekday evening, and Saturday midday peak hours. All of the approaches operate at LOS D or better during the peak hours and the through movements on Half Day Road operate at LOS A.

Under Year 2032 total conditions, the intersection is projected to continue operating at the same LOS during all three peak hours with increases in delay of less than one second. All of the approaches are projected to continue operating at LOS D or better during the peak hours and the through movements on Half Day Road are projected to continue to operate at LOS A. It is important to note that the proposed museum is not projected to increase the volume of turning traffic at this intersection other than the four shuttle trips per hour. This intersection is signalized allowing shuttle to easily turn to and from Half Day Road. As such, this intersection can accommodate the traffic projected to be generated by the museum and no traffic signal or roadway modifications are needed.

Waukegan Road with the Bannockburn Lakes Office Park Access Drives

The results of the capacity analysis indicate that outbound movements from the access drive operate at LOS C or better during the weekday morning, weekday evening, and Saturday midday peak hours. Further, southbound left turn movements onto the access drives operates at LOS A during the peak hours.

As proposed, off-site parking for the proposed development will be accommodated within the surface parking lot for 2121 Waukegan Road within the office park.

Under Year 2032 total projected conditions, the access drives are projected to operate as follows:

- Outbound movements from the access drive are projected to operate at LOS D or better with increases in delay of less than four seconds.

- Southbound left turn movements onto the access drives are projected to continue to operate at LOS A during the peak hours with 95th percentile queues that can be accommodated within the existing turn lanes on Waukegan Road.

- The office park provides multiple access points that vehicles will be able to distribute between.

- The proposed museum will likely be busiest on weekends when the office park generates the lowest volume of traffic.

As such, these access drives are projected to provide flexible and efficient access to the off-site parking area and no additional roadway or traffic control modifications are required.

Ridge Road with Shawford Way and the Nature Center Access Drive

The results of the capacity analysis indicate that all critical movements at this intersection operate at LOS A during the weekday morning, weekday evening, and Saturday midday peak hours. Under Year 2032 total conditions, all critical movements are projected to continue operating at LOS A during all three peak hours. It is important to note that the proposed museum is not projected to increase the volume of traffic at this intersection other than the four shuttle trips per hour. As such, this intersection can accommodate the traffic projected to be generated by the museum and no traffic signal or roadway modifications are needed.

6. Conclusion

Based on the preceding analyses and recommendations, the following conclusions have been made:

- As proposed, the existing building at 2700 Point Lane will be converted into the Champions Point Museum.
- No direct vehicle access to the museum will be permitted from Point Lane for guests.
    - Employee and visitor parking will be accommodated off-site at 2121 Waukegan Road which is within the Bannockburn Lakes office park.
    - Approximately four shuttles per hour will run between the off-site parking at the Heller Nature Center parking lot which is immediately north of the site.
    - Once dropped off within the Heller Nature Center, visitors will walk along existing pedestrian paths allowing them to access the subject property through a short path extension joining the two properties.
    - Visitors with ADA needs and employees will be shuttled directly to the site. Furthermore, evening cleaning crews and one weekly delivery will also have direct access to the site.
- The proposed shuttle system has a theoretical capacity of approximately 176 people per hour.
    - With an average auto occupancy of 2.5 people per vehicle, it is anticipated that the off-site parking lot could see a maximum 70 vehicles in and out per hour.
    - The analysis of area intersections using the theoretical capacity provides for a conservative (worst-case) evaluation.
- The results of the capacity analysis show that the traffic projected to be generated by the museum will have a limited impact on the roadway network and adjacent intersections.
    - The signalized intersection of Half Day Road with Waukegan Road has sufficient reserve capacity to accommodate museum traffic.
    - Only shuttle traffic will travel on Ridge Road limiting the impact of the museum on Ridge Road intersections.
    - The Bannockburn Lakes office park access drives will adequately and efficiently accommodate museum traffic.

Appendix

Traffic Count Summary Sheets
CMAP 2050 Projections Letter
Level of Service Criteria
Capacity Analysis Summary Sheets

Traffic Count Summary Sheets

Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: Half day Rd and Ridge Rd TMC
Site Code:
Start Date: 02/14/2026

Turning Movement Data

Start Time	Half Day Rd Eastbound						Half Day Rd Westbound						Tennyson Ct Northbound						Ridge Rd Southbound						Int. Total
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	
11:00 AM	0	14	148	5	0	167	0	0	136	12	0	148	0	3	0	2	0	5	0	20	2	15	0	37	357
11:15 AM	2	9	165	3	0	179	0	0	144	13	0	157	0	5	0	2	0	7	0	5	0	12	0	17	360
11:30 AM	0	8	159	4	0	171	0	4	156	5	0	165	0	5	0	2	0	7	0	8	0	8	0	16	359
11:45 AM	0	11	181	9	0	201	0	1	168	3	0	172	0	6	2	4	0	12	0	20	1	7	0	28	413
Hourly Total	2	42	653	21	0	718	0	5	604	33	0	642	0	19	2	10	0	31	0	53	3	42	0	98	1489
12:00 PM	0	8	152	3	0	163	0	1	165	6	0	172	0	2	0	4	0	6	0	8	2	8	0	18	359
12:15 PM	2	12	192	3	0	209	0	2	168	12	0	182	0	3	1	2	0	6	0	10	1	13	0	24	421
12:30 PM	0	15	164	4	0	183	0	1	160	11	0	172	0	5	0	5	0	10	0	11	0	25	0	36	401
12:45 PM	0	13	181	5	0	199	0	1	161	11	0	173	0	4	0	0	0	4	0	6	1	7	0	14	390
Hourly Total	2	48	689	15	0	754	0	5	654	40	0	699	0	14	1	11	0	26	0	35	4	53	0	92	1571
1:00 PM	0	6	140	2	0	148	0	1	143	3	0	147	0	3	0	2	1	5	0	4	0	5	0	9	309
1:15 PM	0	2	157	4	0	163	0	0	155	10	0	165	0	4	0	1	0	5	0	5	0	9	0	14	347
1:30 PM	0	7	148	6	0	161	0	0	141	9	0	150	0	5	0	1	0	6	0	7	0	8	0	15	332
1:45 PM	0	5	170	6	0	181	1	0	141	12	0	154	0	2	0	2	0	4	0	14	0	21	0	35	374
Hourly Total	0	20	615	18	0	653	1	1	580	34	0	616	0	14	0	6	1	20	0	30	0	43	0	73	1362
Grand Total	4	110	1957	54	0	2125	1	11	1838	107	0	1957	0	47	3	27	1	77	0	118	7	138	0	263	4422
Approach %	0.2	5.2	92.1	2.5	-	-	0.1	0.6	93.9	5.5	-	-	0.0	61.0	3.9	35.1	-	-	0.0	44.9	2.7	52.5	-	-	-
Total %	0.1	2.5	44.3	1.2	-	48.1	0.0	0.2	41.6	2.4	-	44.3	0.0	1.1	0.1	0.6	-	1.7	0.0	2.7	0.2	3.1	-	5.9	-
Lights	4	110	1942	52	-	2108	1	10	1826	105	-	1942	0	47	2	26	-	75	0	102	5	137	-	244	4369
% Lights	100.0	100.0	99.2	96.3	-	99.2	100.0	90.9	99.3	98.1	-	99.2	-	100.0	66.7	96.3	-	97.4	-	86.4	71.4	99.3	-	92.8	98.8
Buses	0	0	4	0	-	4	0	0	1	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	5
% Buses	0.0	0.0	0.2	0.0	-	0.2	0.0	0.0	0.1	0.0	-	0.1	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.1
Single-Unit Trucks	0	0	10	2	-	12	0	1	7	1	-	9	0	0	1	1	-	2	0	0	0	1	-	1	24
% Single-Unit Trucks	0.0	0.0	0.5	3.7	-	0.6	0.0	9.1	0.4	0.9	-	0.5	-	0.0	33.3	3.7	-	2.6	-	0.0	0.0	0.7	-	0.4	0.5
Articulated Trucks	0	0	1	0	-	1	0	0	4	0	-	4	0	0	0	0	-	0	0	0	0	0	-	0	5
% Articulated Trucks	0.0	0.0	0.1	0.0	-	0.0	0.0	0.0	0.2	0.0	-	0.2	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.1
Bicycles on Road	0	0	0	0	-	0	0	0	0	1	-	1	0	0	0	0	-	0	0	16	2	0	-	18	19
% Bicycles on Road	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.9	-	0.1	-	0.0	0.0	0.0	-	0.0	-	13.6	28.6	0.0	-	6.8	0.4
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-

Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: Half day Rd and Ridge Rd TMC
Site Code:
Start Date: 02/14/2026

Turning Movement Peak Hour Data (11:15 AM)

Start Time	Half Day Rd Eastbound						Half Day Rd Westbound						Tennyson Ct Northbound						Ridge Rd Southbound						Int. Total
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	
11:15 AM	2	9	165	3	0	179	0	0	144	13	0	157	0	5	0	2	0	7	0	5	0	12	0	17	360
11:30 AM	0	8	159	4	0	171	0	4	156	5	0	165	0	5	0	2	0	7	0	8	0	8	0	16	359
11:45 AM	0	11	181	9	0	201	0	1	168	3	0	172	0	6	2	4	0	12	0	20	1	7	0	28	413
12:00 PM	0	8	152	3	0	163	0	1	165	6	0	172	0	2	0	4	0	6	0	8	2	8	0	18	359
Total	2	36	657	19	0	714	0	6	633	27	0	666	0	18	2	12	0	32	0	41	3	35	0	79	1491
Approach %	0.3	5.0	92.0	2.7	-	-	0.0	0.9	95.0	4.1	-	-	0.0	56.3	6.3	37.5	-	-	0.0	51.9	3.8	44.3	-	-	-
Total %	0.1	2.4	44.1	1.3	-	47.9	0.0	0.4	42.5	1.8	-	44.7	0.0	1.2	0.1	0.8	-	2.1	0.0	2.7	0.2	2.3	-	5.3	-
PHF	0.250	0.818	0.907	0.528	-	0.888	0.000	0.375	0.942	0.519	-	0.968	0.000	0.750	0.250	0.750	-	0.667	0.000	0.513	0.375	0.729	-	0.705	0.903
Lights	2	36	654	18	-	710	0	5	629	26	-	660	0	18	1	12	-	31	0	26	2	34	-	62	1463
% Lights	100.0	100.0	99.5	94.7	-	99.4	-	83.3	99.4	96.3	-	99.1	-	100.0	50.0	100.0	-	96.9	-	63.4	66.7	97.1	-	78.5	98.1
Buses	0	0	0	0	-	0	0	0	1	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	1
% Buses	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.2	0.0	-	0.2	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.1
Single-Unit Trucks	0	0	3	1	-	4	0	1	2	1	-	4	0	0	1	0	-	1	0	0	0	1	-	1	10
% Single-Unit Trucks	0.0	0.0	0.5	5.3	-	0.6	-	16.7	0.3	3.7	-	0.6	-	0.0	50.0	0.0	-	3.1	-	0.0	0.0	2.9	-	1.3	0.7
Articulated Trucks	0	0	0	0	-	0	0	0	1	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	1
% Articulated Trucks	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.2	0.0	-	0.2	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.1
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	15	1	0	-	16	16
% Bicycles on Road	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	36.6	33.3	0.0	-	20.3	1.1
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: il 22 and ridge rd
Site Code:
Start Date: 01/22/2026

Turning Movement Data

Start Time	Half Day Rd Eastbound						Half Day Rd Westbound						Tennyson Ct Northbound						Ridge Rd Southbound						Int. Total
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	
7:00 AM	0	7	144	2	0	153	0	1	94	3	0	98	0	2	0	1	0	3	0	4	0	2	0	6	260
7:15 AM	0	9	131	3	0	143	0	1	120	4	0	125	0	1	0	3	0	4	0	6	0	6	0	12	284
7:30 AM	0	4	144	1	0	149	0	1	123	0	0	124	0	1	2	3	0	6	0	4	0	13	0	17	296
7:45 AM	0	8	148	5	0	161	0	4	156	2	0	162	0	0	0	1	0	1	0	3	0	8	0	11	335
Hourly Total	0	28	567	11	0	606	0	7	493	9	0	509	0	4	2	8	0	14	0	17	0	29	0	46	1175
8:00 AM	0	2	158	2	0	162	0	1	144	4	0	149	0	0	0	2	0	2	0	4	0	10	0	14	327
8:15 AM	0	7	165	4	0	176	0	0	146	6	0	152	0	9	1	9	0	19	0	3	2	9	0	14	361
8:30 AM	1	7	164	3	0	175	0	5	169	6	0	180	0	2	0	1	0	3	0	6	0	4	0	10	368
8:45 AM	0	6	171	4	0	181	0	2	166	6	0	174	0	4	1	0	0	5	0	7	0	9	0	16	376
Hourly Total	1	22	658	13	0	694	0	8	625	22	0	655	0	15	2	12	0	29	0	20	2	32	0	54	1432
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00 PM	1	7	202	7	0	217	0	2	223	6	0	231	0	9	1	5	0	15	0	7	1	3	0	11	474
4:15 PM	0	8	156	3	0	167	0	1	226	8	0	235	0	4	0	2	0	6	0	4	1	8	0	13	421
4:30 PM	0	8	186	6	0	200	0	2	204	5	0	211	0	4	0	4	0	8	0	5	0	8	0	13	432
4:45 PM	0	22	187	5	0	214	0	1	158	8	0	167	0	3	0	3	0	6	0	1	2	5	0	8	395
Hourly Total	1	45	731	21	0	798	0	6	811	27	0	844	0	20	1	14	0	35	0	17	4	24	0	45	1722
5:00 PM	0	10	195	4	0	209	0	3	207	9	0	219	0	6	0	3	0	9	0	3	0	10	0	13	450
5:15 PM	0	15	194	3	0	212	0	0	210	6	0	216	0	4	2	0	0	6	0	5	0	8	0	13	447
5:30 PM	0	12	157	3	0	172	0	1	178	6	0	185	0	2	0	1	0	3	0	2	0	1	0	3	363
5:45 PM	0	13	166	6	0	185	0	1	128	4	0	133	0	2	0	4	0	6	0	7	0	4	0	11	335
Hourly Total	0	50	712	16	0	778	0	5	723	25	0	753	0	14	2	8	0	24	0	17	0	23	0	40	1595
Grand Total	2	145	2668	61	0	2876	0	26	2652	83	0	2761	0	53	7	42	0	102	0	71	6	108	0	185	5924
Approach %	0.1	5.0	92.8	2.1	-	-	0.0	0.9	96.1	3.0	-	-	0.0	52.0	6.9	41.2	-	-	0.0	38.4	3.2	58.4	-	-	-
Total %	0.0	2.4	45.0	1.0	-	48.5	0.0	0.4	44.8	1.4	-	46.6	0.0	0.9	0.1	0.7	-	1.7	0.0	1.2	0.1	1.8	-	3.1	-
Lights	2	142	2628	58	-	2830	0	25	2616	83	-	2724	0	52	7	39	-	98	0	70	6	108	-	184	5836
% Lights	100.0	97.9	98.5	95.1	-	98.4	-	96.2	98.6	100.0	-	98.7	-	98.1	100.0	92.9	-	96.1	-	98.6	100.0	100.0	-	99.5	98.5
Buses	0	1	12	1	-	14	0	1	6	0	-	7	0	0	0	3	-	3	0	0	0	0	-	0	24
% Buses	0.0	0.7	0.4	1.6	-	0.5	-	3.8	0.2	0.0	-	0.3	-	0.0	0.0	7.1	-	2.9	-	0.0	0.0	0.0	-	0.0	0.4
Single-Unit Trucks	0	2	24	2	-	28	0	0	19	0	-	19	0	1	0	0	-	1	0	1	0	0	-	1	49
% Single-Unit Trucks	0.0	1.4	0.9	3.3	-	1.0	-	0.0	0.7	0.0	-	0.7	-	1.9	0.0	0.0	-	1.0	-	1.4	0.0	0.0	-	0.5	0.8
Articulated Trucks	0	0	4	0	-	4	0	0	11	0	-	11	0	0	0	0	-	0	0	0	0	0	-	0	15
% Articulated Trucks	0.0	0.0	0.1	0.0	-	0.1	-	0.0	0.4	0.0	-	0.4	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.3
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0

% Bicycles on Road	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: il 22 and ridge rd
Site Code:
Start Date: 01/22/2026

Turning Movement Peak Hour Data (8:00 AM)

Start Time	Half Day Rd Eastbound						Half Day Rd Westbound						Tennyson Ct Northbound						Ridge Rd Southbound						Int. Total
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	
8:00 AM	0	2	158	2	0	162	0	1	144	4	0	149	0	0	0	2	0	2	0	4	0	10	0	14	327
8:15 AM	0	7	165	4	0	176	0	0	146	6	0	152	0	9	1	9	0	19	0	3	2	9	0	14	361
8:30 AM	1	7	164	3	0	175	0	5	169	6	0	180	0	2	0	1	0	3	0	6	0	4	0	10	368
8:45 AM	0	6	171	4	0	181	0	2	166	6	0	174	0	4	1	0	0	5	0	7	0	9	0	16	376
Total	1	22	658	13	0	694	0	8	625	22	0	655	0	15	2	12	0	29	0	20	2	32	0	54	1432
Approach %	0.1	3.2	94.8	1.9	-	-	0.0	1.2	95.4	3.4	-	-	0.0	51.7	6.9	41.4	-	-	0.0	37.0	3.7	59.3	-	-	-
Total %	0.1	1.5	45.9	0.9	-	48.5	0.0	0.6	43.6	1.5	-	45.7	0.0	1.0	0.1	0.8	-	2.0	0.0	1.4	0.1	2.2	-	3.8	-
PHF	0.250	0.786	0.962	0.813	-	0.959	0.000	0.400	0.925	0.917	-	0.910	0.000	0.417	0.500	0.333	-	0.382	0.000	0.714	0.250	0.800	-	0.844	0.952
Lights	1	22	637	12	-	672	0	7	615	22	-	644	0	15	2	10	-	27	0	20	2	32	-	54	1397
% Lights	100.0	100.0	96.8	92.3	-	96.8	-	87.5	98.4	100.0	-	98.3	-	100.0	100.0	83.3	-	93.1	-	100.0	100.0	100.0	-	100.0	97.6
Buses	0	0	7	1	-	8	0	1	2	0	-	3	0	0	0	2	-	2	0	0	0	0	-	0	13
% Buses	0.0	0.0	1.1	7.7	-	1.2	-	12.5	0.3	0.0	-	0.5	-	0.0	0.0	16.7	-	6.9	-	0.0	0.0	0.0	-	0.0	0.9
Single-Unit Trucks	0	0	13	0	-	13	0	0	6	0	-	6	0	0	0	0	-	0	0	0	0	0	-	0	19
% Single-Unit Trucks	0.0	0.0	2.0	0.0	-	1.9	-	0.0	1.0	0.0	-	0.9	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	1.3
Articulated Trucks	0	0	1	0	-	1	0	0	2	0	-	2	0	0	0	0	-	0	0	0	0	0	-	0	3
% Articulated Trucks	0.0	0.0	0.2	0.0	-	0.1	-	0.0	0.3	0.0	-	0.3	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.2
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(847)518-9990 abowen@kloainc.com

Count Name: il 22 and ridge rd
Site Code:
Start Date: 01/22/2026

Turning Movement Peak Hour Data (4:45 PM)

Start Time	Half Day Rd Eastbound						Half Day Rd Westbound						Tennyson Ct Northbound						Ridge Rd Southbound						Int. Total
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	
4:45 PM	0	22	187	5	0	214	0	1	158	8	0	167	0	3	0	3	0	6	0	1	2	5	0	8	395
5:00 PM	0	10	195	4	0	209	0	3	207	9	0	219	0	6	0	3	0	9	0	3	0	10	0	13	450
5:15 PM	0	15	194	3	0	212	0	0	210	6	0	216	0	4	2	0	0	6	0	5	0	8	0	13	447
5:30 PM	0	12	157	3	0	172	0	1	178	6	0	185	0	2	0	1	0	3	0	2	0	1	0	3	363
Total	0	59	733	15	0	807	0	5	753	29	0	787	0	15	2	7	0	24	0	11	2	24	0	37	1655
Approach %	0.0	7.3	90.8	1.9	-	-	0.0	0.6	95.7	3.7	-	-	0.0	62.5	8.3	29.2	-	-	0.0	29.7	5.4	64.9	-	-	-
Total %	0.0	3.6	44.3	0.9	-	48.8	0.0	0.3	45.5	1.8	-	47.6	0.0	0.9	0.1	0.4	-	1.5	0.0	0.7	0.1	1.5	-	2.2	-
PHF	0.000	0.670	0.940	0.750	-	0.943	0.000	0.417	0.896	0.806	-	0.898	0.000	0.625	0.250	0.583	-	0.667	0.000	0.550	0.250	0.600	-	0.712	0.919
Lights	0	59	728	15	-	802	0	5	748	29	-	782	0	15	2	7	-	24	0	11	2	24	-	37	1645
% Lights	-	100.0	99.3	100.0	-	99.4	-	100.0	99.3	100.0	-	99.4	-	100.0	100.0	100.0	-	100.0	-	100.0	100.0	100.0	-	100.0	99.4
Buses	0	0	1	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	1
% Buses	-	0.0	0.1	0.0	-	0.1	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.1
Single-Unit Trucks	0	0	3	0	-	3	0	0	3	0	-	3	0	0	0	0	-	0	0	0	0	0	-	0	6
% Single-Unit Trucks	-	0.0	0.4	0.0	-	0.4	-	0.0	0.4	0.0	-	0.4	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.4
Articulated Trucks	0	0	1	0	-	1	0	0	2	0	-	2	0	0	0	0	-	0	0	0	0	0	-	0	3
% Articulated Trucks	-	0.0	0.1	0.0	-	0.1	-	0.0	0.3	0.0	-	0.3	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.2
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: IL+22+with+IL+43 TMC
Site Code:
Start Date: 01/29/2026

Turning Movement Data

Start Time	Half Day Rd Eastbound						Half Day Rd Westbound						Waukegan Rd Northbound						Waukegan Rd Southbound						Int. Total
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	
7:00 AM	0	23	125	47	0	195	0	15	56	17	0	88	0	17	56	15	0	88	0	19	64	30	0	113	484
7:15 AM	0	31	135	67	0	233	0	14	108	20	0	142	0	31	66	16	0	113	0	24	91	20	0	135	623
7:30 AM	0	28	136	74	0	238	0	18	86	21	0	125	0	26	85	10	0	121	1	21	115	32	0	169	653
7:45 AM	0	33	136	83	0	252	0	25	119	21	0	165	1	22	77	21	0	121	0	38	109	38	0	185	723
Hourly Total	0	115	532	271	0	918	0	72	369	79	0	520	1	96	284	62	0	443	1	102	379	120	0	602	2483
8:00 AM	0	38	174	83	0	295	0	26	98	20	0	144	1	17	68	14	0	100	0	26	109	35	0	170	709
8:15 AM	0	46	136	74	0	256	0	44	111	27	0	182	0	31	90	26	0	147	0	31	120	30	0	181	766
8:30 AM	0	37	142	79	0	258	0	35	112	19	0	166	0	48	66	26	0	140	0	28	96	30	0	154	718
8:45 AM	0	32	158	71	0	261	0	33	107	19	0	159	0	33	88	20	0	141	0	27	117	21	0	165	726
Hourly Total	0	153	610	307	0	1070	0	138	428	85	0	651	1	129	312	86	0	528	0	112	442	116	0	670	2919
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00 PM	0	29	102	26	0	157	0	18	134	34	0	186	0	60	101	24	0	185	0	18	95	27	0	140	668
4:15 PM	0	41	111	36	0	188	0	35	152	42	0	229	0	63	95	42	0	200	0	24	126	41	0	191	808
4:30 PM	0	36	127	37	0	200	0	29	132	27	0	188	0	55	91	31	0	177	0	26	84	50	0	160	725
4:45 PM	0	26	149	49	0	224	0	31	121	31	0	183	0	59	95	45	0	199	0	20	125	44	0	189	795
Hourly Total	0	132	489	148	0	769	0	113	539	134	0	786	0	237	382	142	0	761	0	88	430	162	0	680	2996
5:00 PM	0	39	124	34	0	197	0	40	128	26	0	194	0	82	136	27	0	245	0	29	93	40	0	162	798
5:15 PM	0	33	118	43	0	194	0	32	132	38	0	202	0	68	124	52	0	244	1	40	125	48	0	214	854
5:30 PM	0	28	119	30	0	177	0	40	145	44	0	229	0	63	98	41	0	202	0	28	95	41	0	164	772
5:45 PM	0	28	120	37	0	185	0	25	119	31	0	175	0	55	99	37	0	191	0	24	87	31	0	142	693
Hourly Total	0	128	481	144	0	753	0	137	524	139	0	800	0	268	457	157	0	882	1	121	400	160	0	682	3117
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	0	13	85	27	0	125	0	19	76	28	0	123	0	29	60	27	0	116	0	29	56	27	0	112	476
11:15 AM	0	17	123	39	0	179	0	23	83	31	0	137	1	31	75	39	0	146	0	44	70	18	0	132	594
11:30 AM	0	29	104	25	0	158	0	29	99	49	0	177	1	38	60	18	0	117	0	55	66	29	0	150	602
11:45 AM	0	17	106	48	0	171	0	23	109	36	0	168	0	35	74	32	0	141	0	28	62	30	0	120	600
Hourly Total	0	76	418	139	0	633	0	94	367	144	0	605	2	133	269	116	0	520	0	156	254	104	0	514	2272
12:00 PM	0	21	83	25	0	129	0	18	105	45	0	168	0	43	80	33	0	156	0	40	58	17	0	115	568
12:15 PM	0	17	95	34	0	146	0	18	97	37	0	152	0	38	86	32	0	156	0	23	53	27	0	103	557
12:30 PM	0	15	100	27	0	142	0	30	110	35	0	175	0	45	82	27	0	154	1	40	58	28	0	127	598
12:45 PM	0	20	81	27	0	128	0	17	126	29	0	172	0	30	90	26	0	146	0	38	68	39	0	145	591
Hourly Total	0	73	359	113	0	545	0	83	438	146	0	667	0	156	338	118	0	612	1	141	237	111	0	490	2314
1:00 PM	0	23	105	15	0	143	0	17	93	36	0	146	0	34	81	25	0	140	0	36	53	25	0	114	543
1:15 PM	0	23	103	23	0	149	0	24	93	24	0	141	0	41	82	26	0	149	0	40	62	14	0	116	555
1:30 PM	0	24	77	21	0	122	0	16	102	37	0	155	0	44	85	33	0	162	0	30	63	25	0	118	557

1:45 PM	0	25	111	27	0	163	0	28	120	27	0	175	0	40	56	36	0	132	0	29	59	23	0	111	581
Hourly Total	0	95	396	86	0	577	0	85	408	124	0	617	0	159	304	120	0	583	0	135	237	87	0	459	2236
Grand Total	0	772	3285	1208	0	5265	0	722	3073	851	0	4646	4	1178	2346	801	0	4329	3	855	2379	860	0	4097	18337
Approach %	0.0	14.7	62.4	22.9	-	-	0.0	15.5	66.1	18.3	-	-	0.1	27.2	54.2	18.5	-	-	0.1	20.9	58.1	21.0	-	-	-
Total %	0.0	4.2	17.9	6.6	-	28.7	0.0	3.9	16.8	4.6	-	25.3	0.0	6.4	12.8	4.4	-	23.6	0.0	4.7	13.0	4.7	-	22.3	-
Lights	0	753	3238	1196	-	5187	0	716	3026	843	-	4585	4	1163	2308	792	-	4267	3	850	2359	847	-	4059	18098
% Lights	-	97.5	98.6	99.0	-	98.5	-	99.2	98.5	99.1	-	98.7	100.0	98.7	98.4	98.9	-	98.6	100.0	99.4	99.2	98.5	-	99.1	98.7
Buses	0	5	6	4	-	15	0	3	4	2	-	9	0	1	27	7	-	35	0	0	6	3	-	9	68
% Buses	-	0.6	0.2	0.3	-	0.3	-	0.4	0.1	0.2	-	0.2	0.0	0.1	1.2	0.9	-	0.8	0.0	0.0	0.3	0.3	-	0.2	0.4
Single-Unit Trucks	0	11	31	8	-	50	0	1	34	5	-	40	0	9	7	2	-	18	0	2	11	6	-	19	127
% Single-Unit Trucks	-	1.4	0.9	0.7	-	0.9	-	0.1	1.1	0.6	-	0.9	0.0	0.8	0.3	0.2	-	0.4	0.0	0.2	0.5	0.7	-	0.5	0.7
Articulated Trucks	0	3	10	0	-	13	0	2	9	1	-	12	0	5	4	0	-	9	0	3	3	4	-	10	44
% Articulated Trucks	-	0.4	0.3	0.0	-	0.2	-	0.3	0.3	0.1	-	0.3	0.0	0.4	0.2	0.0	-	0.2	0.0	0.4	0.1	0.5	-	0.2	0.2
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Site Code:
Start Date: 01/29/2026

Turning Movement Peak Hour Data (8:00 AM)

Start Time	Half Day Rd Eastbound						Half Day Rd Westbound						Waukegan Rd Northbound						Waukegan Rd Southbound						Int. Total
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	
8:00 AM	0	38	174	83	0	295	0	26	98	20	0	144	1	17	68	14	0	100	0	26	109	35	0	170	709
8:15 AM	0	46	136	74	0	256	0	44	111	27	0	182	0	31	90	26	0	147	0	31	120	30	0	181	766
8:30 AM	0	37	142	79	0	258	0	35	112	19	0	166	0	48	66	26	0	140	0	28	96	30	0	154	718
8:45 AM	0	32	158	71	0	261	0	33	107	19	0	159	0	33	88	20	0	141	0	27	117	21	0	165	726
Total	0	153	610	307	0	1070	0	138	428	85	0	651	1	129	312	86	0	528	0	112	442	116	0	670	2919
Approach %	0.0	14.3	57.0	28.7	-	-	0.0	21.2	65.7	13.1	-	-	0.2	24.4	59.1	16.3	-	-	0.0	16.7	66.0	17.3	-	-	-
Total %	0.0	5.2	20.9	10.5	-	36.7	0.0	4.7	14.7	2.9	-	22.3	0.0	4.4	10.7	2.9	-	18.1	0.0	3.8	15.1	4.0	-	23.0	-
PHF	0.000	0.832	0.876	0.925	-	0.907	0.000	0.784	0.955	0.787	-	0.894	0.250	0.672	0.867	0.827	-	0.898	0.000	0.903	0.921	0.829	-	0.925	0.953
Lights	0	148	592	304	-	1044	0	134	418	82	-	634	1	127	291	82	-	501	0	110	437	112	-	659	2838
% Lights	-	96.7	97.0	99.0	-	97.6	-	97.1	97.7	96.5	-	97.4	100.0	98.4	93.3	95.3	-	94.9	-	98.2	98.9	96.6	-	98.4	97.2
Buses	0	2	1	1	-	4	0	2	0	1	-	3	0	0	16	4	-	20	0	0	1	0	-	1	28
% Buses	-	1.3	0.2	0.3	-	0.4	-	1.4	0.0	1.2	-	0.5	0.0	0.0	5.1	4.7	-	3.8	-	0.0	0.2	0.0	-	0.1	1.0
Single-Unit Trucks	0	3	13	2	-	18	0	1	8	2	-	11	0	1	3	0	-	4	0	1	3	2	-	6	39
% Single-Unit Trucks	-	2.0	2.1	0.7	-	1.7	-	0.7	1.9	2.4	-	1.7	0.0	0.8	1.0	0.0	-	0.8	-	0.9	0.7	1.7	-	0.9	1.3
Articulated Trucks	0	0	4	0	-	4	0	1	2	0	-	3	0	1	2	0	-	3	0	1	1	2	-	4	14
% Articulated Trucks	-	0.0	0.7	0.0	-	0.4	-	0.7	0.5	0.0	-	0.5	0.0	0.8	0.6	0.0	-	0.6	-	0.9	0.2	1.7	-	0.6	0.5
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: IL+22+with+IL+43 TMC
Site Code:
Start Date: 01/29/2026

Turning Movement Peak Hour Data (4:45 PM)

Start Time	Half Day Rd Eastbound						Half Day Rd Westbound						Waukegan Rd Northbound						Waukegan Rd Southbound						
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total
4:45 PM	0	26	149	49	0	224	0	31	121	31	0	183	0	59	95	45	0	199	0	20	125	44	0	189	795
5:00 PM	0	39	124	34	0	197	0	40	128	26	0	194	0	82	136	27	0	245	0	29	93	40	0	162	798
5:15 PM	0	33	118	43	0	194	0	32	132	38	0	202	0	68	124	52	0	244	1	40	125	48	0	214	854
5:30 PM	0	28	119	30	0	177	0	40	145	44	0	229	0	63	98	41	0	202	0	28	95	41	0	164	772
Total	0	126	510	156	0	792	0	143	526	139	0	808	0	272	453	165	0	890	1	117	438	173	0	729	3219
Approach %	0.0	15.9	64.4	19.7	-	-	0.0	17.7	65.1	17.2	-	-	0.0	30.6	50.9	18.5	-	-	0.1	16.0	60.1	23.7	-	-	-
Total %	0.0	3.9	15.8	4.8	-	24.6	0.0	4.4	16.3	4.3	-	25.1	0.0	8.4	14.1	5.1	-	27.6	0.0	3.6	13.6	5.4	-	22.6	-
PHF	0.000	0.808	0.856	0.796	-	0.884	0.000	0.894	0.907	0.790	-	0.882	0.000	0.829	0.833	0.793	-	0.908	0.250	0.731	0.876	0.901	-	0.852	0.942
Lights	0	125	507	153	-	785	0	143	523	138	-	804	0	269	452	165	-	886	1	117	436	173	-	727	3202
% Lights	-	99.2	99.4	98.1	-	99.1	-	100.0	99.4	99.3	-	99.5	-	98.9	99.8	100.0	-	99.6	100.0	100.0	99.5	100.0	-	99.7	99.5
Buses	0	0	1	2	-	3	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	3
% Buses	-	0.0	0.2	1.3	-	0.4	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.1
Single-Unit Trucks	0	1	2	1	-	4	0	0	3	1	-	4	0	2	0	0	-	2	0	0	1	0	-	1	11
% Single-Unit Trucks	-	0.8	0.4	0.6	-	0.5	-	0.0	0.6	0.7	-	0.5	-	0.7	0.0	0.0	-	0.2	0.0	0.0	0.2	0.0	-	0.1	0.3
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	1	1	0	-	2	0	0	1	0	-	1	3
% Articulated Trucks	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.4	0.2	0.0	-	0.2	0.0	0.0	0.2	0.0	-	0.1	0.1
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: IL+22+with+IL+43 TMC
Site Code:
Start Date: 01/29/2026

Turning Movement Peak Hour Data (11:15 AM)

Start Time	Half Day Rd Eastbound						Half Day Rd Westbound						Waukegan Rd Northbound						Waukegan Rd Southbound						
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total
11:15 AM	0	17	123	39	0	179	0	23	83	31	0	137	1	31	75	39	0	146	0	44	70	18	0	132	594
11:30 AM	0	29	104	25	0	158	0	29	99	49	0	177	1	38	60	18	0	117	0	55	66	29	0	150	602
11:45 AM	0	17	106	48	0	171	0	23	109	36	0	168	0	35	74	32	0	141	0	28	62	30	0	120	600
12:00 PM	0	21	83	25	0	129	0	18	105	45	0	168	0	43	80	33	0	156	0	40	58	17	0	115	568
Total	0	84	416	137	0	637	0	93	396	161	0	650	2	147	289	122	0	560	0	167	256	94	0	517	2364
Approach %	0.0	13.2	65.3	21.5	-	-	0.0	14.3	60.9	24.8	-	-	0.4	26.3	51.6	21.8	-	-	0.0	32.3	49.5	18.2	-	-	-
Total %	0.0	3.6	17.6	5.8	-	26.9	0.0	3.9	16.8	6.8	-	27.5	0.1	6.2	12.2	5.2	-	23.7	0.0	7.1	10.8	4.0	-	21.9	-
PHF	0.000	0.724	0.846	0.714	-	0.890	0.000	0.802	0.908	0.821	-	0.918	0.500	0.855	0.903	0.782	-	0.897	0.000	0.759	0.914	0.783	-	0.862	0.982
Lights	0	83	410	136	-	629	0	92	390	161	-	643	2	145	285	121	-	553	0	167	256	92	-	515	2340
% Lights	-	98.8	98.6	99.3	-	98.7	-	98.9	98.5	100.0	-	98.9	100.0	98.6	98.6	99.2	-	98.8	-	100.0	100.0	97.9	-	99.6	99.0
Buses	0	0	1	1	-	2	0	1	0	0	-	1	0	1	1	1	-	3	0	0	0	0	-	0	6
% Buses	-	0.0	0.2	0.7	-	0.3	-	1.1	0.0	0.0	-	0.2	0.0	0.7	0.3	0.8	-	0.5	-	0.0	0.0	0.0	-	0.0	0.3
Single-Unit Trucks	0	0	5	0	-	5	0	0	4	0	-	4	0	0	3	0	-	3	0	0	0	2	-	2	14
% Single-Unit Trucks	-	0.0	1.2	0.0	-	0.8	-	0.0	1.0	0.0	-	0.6	0.0	0.0	1.0	0.0	-	0.5	-	0.0	0.0	2.1	-	0.4	0.6
Articulated Trucks	0	1	0	0	-	1	0	0	2	0	-	2	0	1	0	0	-	1	0	0	0	0	-	0	4
% Articulated Trucks	-	1.2	0.0	0.0	-	0.2	-	0.0	0.5	0.0	-	0.3	0.0	0.7	0.0	0.0	-	0.2	-	0.0	0.0	0.0	-	0.0	0.2
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(847)518-9990 abowen@kloainc.com

Count Name: IL+22+with+IL+43 TMC
Site Code:
Start Date: 01/29/2026

Turning Movement Peak Hour Data (12:15 PM)

Start Time	Half Day Rd Eastbound						Half Day Rd Westbound						Waukegan Rd Northbound						Waukegan Rd Southbound						
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total
12:15 PM	0	17	95	34	0	146	0	18	97	37	0	152	0	38	86	32	0	156	0	23	53	27	0	103	557
12:30 PM	0	15	100	27	0	142	0	30	110	35	0	175	0	45	82	27	0	154	1	40	58	28	0	127	598
12:45 PM	0	20	81	27	0	128	0	17	126	29	0	172	0	30	90	26	0	146	0	38	68	39	0	145	591
1:00 PM	0	23	105	15	0	143	0	17	93	36	0	146	0	34	81	25	0	140	0	36	53	25	0	114	543
Total	0	75	381	103	0	559	0	82	426	137	0	645	0	147	339	110	0	596	1	137	232	119	0	489	2289
Approach %	0.0	13.4	68.2	18.4	-	-	0.0	12.7	66.0	21.2	-	-	0.0	24.7	56.9	18.5	-	-	0.2	28.0	47.4	24.3	-	-	-
Total %	0.0	3.3	16.6	4.5	-	24.4	0.0	3.6	18.6	6.0	-	28.2	0.0	6.4	14.8	4.8	-	26.0	0.0	6.0	10.1	5.2	-	21.4	-
PHF	0.000	0.815	0.907	0.757	-	0.957	0.000	0.683	0.845	0.926	-	0.921	0.000	0.817	0.942	0.859	-	0.955	0.250	0.856	0.853	0.763	-	0.843	0.957
Lights	0	72	377	103	-	552	0	82	422	136	-	640	0	146	337	108	-	591	1	137	232	118	-	488	2271
% Lights	-	96.0	99.0	100.0	-	98.7	-	100.0	99.1	99.3	-	99.2	-	99.3	99.4	98.2	-	99.2	100.0	100.0	100.0	99.2	-	99.8	99.2
Buses	0	1	0	0	-	1	0	0	0	0	-	0	0	0	1	0	-	1	0	0	0	0	-	0	2
% Buses	-	1.3	0.0	0.0	-	0.2	-	0.0	0.0	0.0	-	0.0	-	0.0	0.3	0.0	-	0.2	0.0	0.0	0.0	0.0	-	0.0	0.1
Single-Unit Trucks	0	2	3	0	-	5	0	0	4	0	-	4	0	1	0	2	-	3	0	0	0	0	-	0	12
% Single-Unit Trucks	-	2.7	0.8	0.0	-	0.9	-	0.0	0.9	0.0	-	0.6	-	0.7	0.0	1.8	-	0.5	0.0	0.0	0.0	0.0	-	0.0	0.5
Articulated Trucks	0	0	1	0	-	1	0	0	0	1	-	1	0	0	1	0	-	1	0	0	0	1	-	1	4
% Articulated Trucks	-	0.0	0.3	0.0	-	0.2	-	0.0	0.0	0.7	-	0.2	-	0.0	0.3	0.0	-	0.2	0.0	0.0	0.0	0.8	-	0.2	0.2
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: Shawford Way and Ridge Rd TMC
Site Code:
Start Date: 01/29/2026

Turning Movement Data

Start Time	Shawford way Eastbound						Access Dr Westbound						Ridge Rd Northbound						Ridge Rd Southbound						Int. Total
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	
7:00 AM	0	0	0	2	0	2	0	0	0	0	0	0	0	0	6	0	0	6	0	0	6	1	0	7	15
7:15 AM	0	1	0	3	0	4	0	0	0	0	0	0	0	1	8	3	1	12	0	0	6	0	0	6	22
7:30 AM	0	1	0	5	0	6	0	1	0	0	0	1	0	0	6	0	0	6	0	0	13	0	0	13	26
7:45 AM	0	3	0	1	0	4	0	0	0	0	0	0	0	1	14	1	0	16	0	1	11	0	0	12	32
Hourly Total	0	5	0	11	0	16	0	1	0	0	0	1	0	2	34	4	1	40	0	1	36	1	0	38	95
8:00 AM	0	1	0	1	0	2	0	1	0	0	0	1	0	2	6	1	0	9	0	0	16	1	0	17	29
8:15 AM	0	0	0	1	0	1	0	1	0	0	0	1	0	1	7	2	0	10	0	0	16	0	0	16	28
8:30 AM	0	1	0	5	0	6	0	1	0	0	0	1	0	0	11	0	0	11	0	0	13	1	0	14	32
8:45 AM	0	0	0	1	0	1	0	1	0	0	0	1	0	0	9	0	0	9	0	0	5	0	0	5	16
Hourly Total	0	2	0	8	0	10	0	4	0	0	0	4	0	3	33	3	0	39	0	0	50	2	0	52	105
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00 PM	0	1	0	2	0	3	0	5	0	0	0	5	0	0	16	0	0	16	0	0	16	1	0	17	41
4:15 PM	0	0	0	1	0	1	0	2	0	0	0	2	0	1	14	0	0	15	0	0	12	0	0	12	30
4:30 PM	0	0	0	3	0	3	0	0	0	0	0	0	0	2	15	0	0	17	1	0	6	0	0	7	27
4:45 PM	0	2	0	2	0	4	0	1	0	0	0	1	0	2	24	1	0	27	0	0	16	0	0	16	48
Hourly Total	0	3	0	8	0	11	0	8	0	0	0	8	0	5	69	1	0	75	1	0	50	1	0	52	146
5:00 PM	0	0	0	1	0	1	0	2	0	0	0	2	0	2	19	1	0	22	0	0	12	1	0	13	38
5:15 PM	0	0	0	1	0	1	0	1	0	0	0	1	0	3	17	0	0	20	0	0	6	1	0	7	29
5:30 PM	0	0	0	1	0	1	0	0	0	0	0	0	0	4	11	0	1	15	0	0	6	0	0	6	22
5:45 PM	0	0	0	2	0	2	0	1	0	0	0	1	0	0	18	0	1	18	0	0	13	2	0	15	36
Hourly Total	0	0	0	5	0	5	0	4	0	0	0	4	0	9	65	1	2	75	0	0	37	4	0	41	125
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	0	0	0	1	0	1	0	1	0	0	0	1	0	2	8	5	0	15	0	0	8	0	0	8	25
11:15 AM	0	0	0	0	0	0	0	2	0	0	0	2	0	1	9	1	0	11	0	0	11	0	0	11	24
11:30 AM	0	0	0	2	0	2	0	2	0	1	0	3	0	1	8	0	0	9	0	0	10	0	0	10	24
11:45 AM	0	0	0	2	0	2	0	1	0	0	0	1	0	1	10	2	1	13	0	0	7	0	0	7	23
Hourly Total	0	0	0	5	0	5	0	6	0	1	0	7	0	5	35	8	1	48	0	0	36	0	0	36	96
12:00 PM	0	0	0	5	0	5	0	1	0	0	0	1	0	2	11	2	0	15	0	1	7	0	0	8	29
12:15 PM	0	1	0	1	0	2	0	2	0	0	0	2	0	0	8	0	0	8	0	0	10	0	0	10	22
12:30 PM	0	0	0	0	0	0	0	4	0	0	0	4	0	0	17	2	0	19	0	0	7	0	0	7	30
12:45 PM	0	1	0	1	0	2	0	1	0	0	0	1	0	1	11	0	0	12	0	0	7	0	0	7	22
Hourly Total	0	2	0	7	0	9	0	8	0	0	0	8	0	3	47	4	0	54	0	1	31	0	0	32	103
1:00 PM	0	0	0	3	0	3	0	0	0	0	0	0	0	1	11	1	0	13	0	1	8	0	2	9	25
1:15 PM	0	0	0	3	0	3	0	0	0	0	0	0	0	1	10	2	0	13	0	0	4	1	0	5	21
1:30 PM	0	0	0	2	0	2	0	0	0	0	0	0	0	3	7	5	0	15	0	0	8	0	0	8	25

1:45 PM	0	0	0	3	0	3	0	0	0	1	0	1	0	7	13	5	0	25	0	0	9	0	0	9	38
Hourly Total	0	0	0	11	0	11	0	0	0	1	0	1	0	12	41	13	0	66	0	1	29	1	2	31	109
Grand Total	0	12	0	55	0	67	0	31	0	2	0	33	0	39	324	34	4	397	1	3	269	9	2	282	779
Approach %	0.0	17.9	0.0	82.1	-	-	0.0	93.9	0.0	6.1	-	-	0.0	9.8	81.6	8.6	-	-	0.4	1.1	95.4	3.2	-	-	-
Total %	0.0	1.5	0.0	7.1	-	8.6	0.0	4.0	0.0	0.3	-	4.2	0.0	5.0	41.6	4.4	-	51.0	0.1	0.4	34.5	1.2	-	36.2	-
Lights	0	12	0	54	-	66	0	31	0	2	-	33	0	39	317	34	-	390	1	2	266	5	-	274	763
% Lights	-	100.0	-	98.2	-	98.5	-	100.0	-	100.0	-	100.0	-	100.0	97.8	100.0	-	98.2	100.0	66.7	98.9	55.6	-	97.2	97.9
Buses	0	0	0	1	-	1	0	0	0	0	-	0	0	0	2	0	-	2	0	0	1	3	-	4	7
% Buses	-	0.0	-	1.8	-	1.5	-	0.0	-	0.0	-	0.0	-	0.0	0.6	0.0	-	0.5	0.0	0.0	0.4	33.3	-	1.4	0.9
Single-Unit Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	5	0	-	5	0	1	2	1	-	4	9
% Single-Unit Trucks	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	1.5	0.0	-	1.3	0.0	33.3	0.7	11.1	-	1.4	1.2
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Articulated Trucks	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	4	-	-	-	-	-	2	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-

Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: Shawford Way and Ridge Rd TMC
Site Code:
Start Date: 01/29/2026

Turning Movement Peak Hour Data (8:00 AM)

Start Time	Shawford way Eastbound						Access Dr Westbound						Ridge Rd Northbound						Ridge Rd Southbound						Int. Total
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	
8:00 AM	0	1	0	1	0	2	0	1	0	0	0	1	0	2	6	1	0	9	0	0	16	1	0	17	29
8:15 AM	0	0	0	1	0	1	0	1	0	0	0	1	0	1	7	2	0	10	0	0	16	0	0	16	28
8:30 AM	0	1	0	5	0	6	0	1	0	0	0	1	0	0	11	0	0	11	0	0	13	1	0	14	32
8:45 AM	0	0	0	1	0	1	0	1	0	0	0	1	0	0	9	0	0	9	0	0	5	0	0	5	16
Total	0	2	0	8	0	10	0	4	0	0	0	4	0	3	33	3	0	39	0	0	50	2	0	52	105
Approach %	0.0	20.0	0.0	80.0	-	-	0.0	100.0	0.0	0.0	-	-	0.0	7.7	84.6	7.7	-	-	0.0	0.0	96.2	3.8	-	-	-
Total %	0.0	1.9	0.0	7.6	-	9.5	0.0	3.8	0.0	0.0	-	3.8	0.0	2.9	31.4	2.9	-	37.1	0.0	0.0	47.6	1.9	-	49.5	-
PHF	0.000	0.500	0.000	0.400	-	0.417	0.000	1.000	0.000	0.000	-	1.000	0.000	0.375	0.750	0.375	-	0.886	0.000	0.000	0.781	0.500	-	0.765	0.820
Lights	0	2	0	8	-	10	0	4	0	0	-	4	0	3	32	3	-	38	0	0	50	1	-	51	103
% Lights	-	100.0	-	100.0	-	100.0	-	100.0	-	-	-	100.0	-	100.0	97.0	100.0	-	97.4	-	-	100.0	50.0	-	98.1	98.1
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	1	-	1	1
% Buses	-	0.0	-	0.0	-	0.0	-	0.0	-	-	-	0.0	-	0.0	0.0	0.0	-	0.0	-	-	0.0	50.0	-	1.9	1.0
Single-Unit Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	1	0	-	1	0	0	0	0	-	0	1
% Single-Unit Trucks	-	0.0	-	0.0	-	0.0	-	0.0	-	-	-	0.0	-	0.0	3.0	0.0	-	2.6	-	-	0.0	0.0	-	0.0	1.0
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Articulated Trucks	-	0.0	-	0.0	-	0.0	-	0.0	-	-	-	0.0	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	0.0
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	-	0.0	-	0.0	-	0.0	-	-	-	0.0	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: Shawford Way and Ridge Rd TMC
Site Code:
Start Date: 01/29/2026

Turning Movement Peak Hour Data (4:45 PM)

Start Time	Shawford way Eastbound						Access Dr Westbound						Ridge Rd Northbound						Ridge Rd Southbound						Int. Total
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	
4:45 PM	0	2	0	2	0	4	0	1	0	0	0	1	0	2	24	1	0	27	0	0	16	0	0	16	48
5:00 PM	0	0	0	1	0	1	0	2	0	0	0	2	0	2	19	1	0	22	0	0	12	1	0	13	38
5:15 PM	0	0	0	1	0	1	0	1	0	0	0	1	0	3	17	0	0	20	0	0	6	1	0	7	29
5:30 PM	0	0	0	1	0	1	0	0	0	0	0	0	0	4	11	0	1	15	0	0	6	0	0	6	22
Total	0	2	0	5	0	7	0	4	0	0	0	4	0	11	71	2	1	84	0	0	40	2	0	42	137
Approach %	0.0	28.6	0.0	71.4	-	-	0.0	100.0	0.0	0.0	-	-	0.0	13.1	84.5	2.4	-	-	0.0	0.0	95.2	4.8	-	-	-
Total %	0.0	1.5	0.0	3.6	-	5.1	0.0	2.9	0.0	0.0	-	2.9	0.0	8.0	51.8	1.5	-	61.3	0.0	0.0	29.2	1.5	-	30.7	-
PHF	0.000	0.250	0.000	0.625	-	0.438	0.000	0.500	0.000	0.000	-	0.500	0.000	0.688	0.740	0.500	-	0.778	0.000	0.000	0.625	0.500	-	0.656	0.714
Lights	0	2	0	5	-	7	0	4	0	0	-	4	0	11	70	2	-	83	0	0	40	2	-	42	136
% Lights	-	100.0	-	100.0	-	100.0	-	100.0	-	-	-	100.0	-	100.0	98.6	100.0	-	98.8	-	-	100.0	100.0	-	100.0	99.3
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Buses	-	0.0	-	0.0	-	0.0	-	0.0	-	-	-	0.0	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	0.0
Single-Unit Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	1	0	-	1	0	0	0	0	-	0	1
% Single-Unit Trucks	-	0.0	-	0.0	-	0.0	-	0.0	-	-	-	0.0	-	0.0	1.4	0.0	-	1.2	-	-	0.0	0.0	-	0.0	0.7
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Articulated Trucks	-	0.0	-	0.0	-	0.0	-	0.0	-	-	-	0.0	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	0.0
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	-	0.0	-	0.0	-	0.0	-	-	-	0.0	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-

Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: Shawford Way and Ridge Rd TMC
Site Code:
Start Date: 01/29/2026

Turning Movement Peak Hour Data (11:15 AM)

Start Time	Shawford way Eastbound						Access Dr Westbound						Ridge Rd Northbound						Ridge Rd Southbound						Int. Total
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	
11:15 AM	0	0	0	0	0	0	0	2	0	0	0	2	0	1	9	1	0	11	0	0	11	0	0	11	24
11:30 AM	0	0	0	2	0	2	0	2	0	1	0	3	0	1	8	0	0	9	0	0	10	0	0	10	24
11:45 AM	0	0	0	2	0	2	0	1	0	0	0	1	0	1	10	2	1	13	0	0	7	0	0	7	23
12:00 PM	0	0	0	5	0	5	0	1	0	0	0	1	0	2	11	2	0	15	0	1	7	0	0	8	29
Total	0	0	0	9	0	9	0	6	0	1	0	7	0	5	38	5	1	48	0	1	35	0	0	36	100
Approach %	0.0	0.0	0.0	100.0	-	-	0.0	85.7	0.0	14.3	-	-	0.0	10.4	79.2	10.4	-	-	0.0	2.8	97.2	0.0	-	-	-
Total %	0.0	0.0	0.0	9.0	-	9.0	0.0	6.0	0.0	1.0	-	7.0	0.0	5.0	38.0	5.0	-	48.0	0.0	1.0	35.0	0.0	-	36.0	-
PHF	0.000	0.000	0.000	0.450	-	0.450	0.000	0.750	0.000	0.250	-	0.583	0.000	0.625	0.864	0.625	-	0.800	0.000	0.250	0.795	0.000	-	0.818	0.862
Lights	0	0	0	9	-	9	0	6	0	1	-	7	0	5	37	5	-	47	0	0	35	0	-	35	98
% Lights	-	-	-	100.0	-	100.0	-	100.0	-	100.0	-	100.0	-	100.0	97.4	100.0	-	97.9	-	0.0	100.0	-	-	97.2	98.0
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Buses	-	-	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	0.0	0.0
Single-Unit Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	1	0	-	1	0	1	0	0	-	1	2
% Single-Unit Trucks	-	-	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	2.6	0.0	-	2.1	-	100.0	0.0	-	-	2.8	2.0
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Articulated Trucks	-	-	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	0.0	0.0
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	-	-	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	0.0	0.0
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-

Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: Waukegan Rd and Access Dr TMC
Site Code:
Start Date: 01/29/2026
Page No: 1

Turning Movement Data

Start Time	Access Dr Westbound					Waukegan Rd Northbound					Waukegan Rd Southbound					
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Peds	App. Total	Int. Total
7:00 AM	0	0	1	0	1	0	96	3	0	99	0	4	118	0	122	222
7:15 AM	0	0	2	0	2	0	120	2	0	122	0	1	159	0	160	284
7:30 AM	0	1	0	0	1	0	118	0	0	118	0	2	185	0	187	306
7:45 AM	0	0	0	0	0	0	121	1	0	122	0	7	190	0	197	319
Hourly Total	0	1	3	0	4	0	455	6	0	461	0	14	652	0	666	1131
8:00 AM	0	0	2	0	2	0	106	0	0	106	0	3	219	0	222	330
8:15 AM	0	1	2	0	3	0	138	5	0	143	0	4	228	0	232	378
8:30 AM	0	0	2	0	2	0	149	3	0	152	0	5	194	0	199	353
8:45 AM	0	1	0	0	1	0	136	1	0	137	0	6	205	0	211	349
Hourly Total	0	2	6	0	8	0	529	9	0	538	0	18	846	0	864	1410
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00 PM	0	4	4	0	8	0	196	1	0	197	0	3	144	0	147	352
4:15 PM	0	7	13	0	20	0	189	1	0	190	0	5	175	0	180	390
4:30 PM	0	0	7	0	7	0	187	0	0	187	0	1	175	0	176	370
4:45 PM	0	1	4	0	5	0	175	0	0	175	0	2	185	0	187	367
Hourly Total	0	12	28	0	40	0	747	2	0	749	0	11	679	0	690	1479
5:00 PM	0	2	7	0	9	0	207	2	0	209	0	1	176	0	177	395
5:15 PM	0	1	6	0	7	0	212	0	0	212	0	3	230	0	233	452
5:30 PM	0	2	2	0	4	0	193	1	0	194	0	8	162	0	170	368
5:45 PM	0	6	10	0	16	0	153	2	0	155	0	4	151	0	155	326
Hourly Total	0	11	25	0	36	0	765	5	0	770	0	16	719	0	735	1541
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	0	2	9	0	11	0	104	0	0	104	0	1	112	0	113	228
11:15 AM	0	1	3	0	4	0	139	0	0	139	0	1	137	0	138	281
11:30 AM	0	4	3	0	7	0	116	0	0	116	0	3	128	0	131	254
11:45 AM	0	1	3	0	4	0	137	0	0	137	0	3	144	0	147	288
Hourly Total	0	8	18	0	26	0	496	0	0	496	0	8	521	0	529	1051
12:00 PM	0	2	3	0	5	0	143	2	0	145	0	1	105	0	106	256
12:15 PM	0	1	3	0	4	0	126	0	0	126	0	0	119	0	119	249
12:30 PM	0	2	3	0	5	0	134	0	0	134	0	1	113	0	114	253
12:45 PM	0	2	2	0	4	0	145	1	0	146	0	1	121	0	122	272
Hourly Total	0	7	11	0	18	0	548	3	0	551	0	3	458	0	461	1030
1:00 PM	0	2	1	0	3	0	144	0	0	144	0	0	100	0	100	247
1:15 PM	0	2	3	0	5	0	140	0	0	140	0	0	119	0	119	264
1:30 PM	0	0	5	0	5	0	142	0	0	142	0	0	96	0	96	243
1:45 PM	0	1	2	0	3	0	131	0	0	131	0	0	129	0	129	263
Hourly Total	0	5	11	0	16	0	557	0	0	557	0	0	444	0	444	1017
Grand Total	0	46	102	0	148	0	4097	25	0	4122	0	70	4319	0	4389	8659
Approach %	0.0	31.1	68.9	-	-	0.0	99.4	0.6	-	-	0.0	1.6	98.4	-	-	-
Total %	0.0	0.5	1.2	-	1.7	0.0	47.3	0.3	-	47.6	0.0	0.8	49.9	-	50.7	-
Lights	0	46	98	-	144	0	4042	24	-	4066	0	70	4283	-	4353	8563
% Lights	-	100.0	96.1	-	97.3	-	98.7	96.0	-	98.6	-	100.0	99.2	-	99.2	98.9
Buses	0	0	0	-	0	0	37	0	-	37	0	0	13	-	13	50
% Buses	-	0.0	0.0	-	0.0	-	0.9	0.0	-	0.9	-	0.0	0.3	-	0.3	0.6
Single-Unit Trucks	0	0	4	-	4	0	13	1	-	14	0	0	19	-	19	37
% Single-Unit Trucks	-	0.0	3.9	-	2.7	-	0.3	4.0	-	0.3	-	0.0	0.4	-	0.4	0.4
Articulated Trucks	0	0	0	-	0	0	5	0	-	5	0	0	4	-	4	9
% Articulated Trucks	-	0.0	0.0	-	0.0	-	0.1	0.0	-	0.1	-	0.0	0.1	-	0.1	0.1
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Kenig Lindgren O'Hara Aboona, Inc.
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018
(847)518-9990 abowen@kloainc.com

Count Name: Waukegan Rd and Access Dr TMC
Site Code:
Start Date: 01/29/2026

Turning Movement Peak Hour Data (8:00 AM)

Start Time	Access Dr Westbound					Waukegan Rd Northbound					Waukegan Rd Southbound					
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Peds	App. Total	Int. Total
8:00 AM	0	0	2	0	2	0	106	0	0	106	0	3	219	0	222	330
8:15 AM	0	1	2	0	3	0	138	5	0	143	0	4	228	0	232	378
8:30 AM	0	0	2	0	2	0	149	3	0	152	0	5	194	0	199	353
8:45 AM	0	1	0	0	1	0	136	1	0	137	0	6	205	0	211	349
Total	0	2	6	0	8	0	529	9	0	538	0	18	846	0	864	1410
Approach %	0.0	25.0	75.0	-	-	0.0	98.3	1.7	-	-	0.0	2.1	97.9	-	-	-
Total %	0.0	0.1	0.4	-	0.6	0.0	37.5	0.6	-	38.2	0.0	1.3	60.0	-	61.3	-
PHF	0.000	0.500	0.750	-	0.667	0.000	0.888	0.450	-	0.885	0.000	0.750	0.928	-	0.931	0.933
Lights	0	2	5	-	7	0	503	9	-	512	0	18	837	-	855	1374
% Lights	-	100.0	83.3	-	87.5	-	95.1	100.0	-	95.2	-	100.0	98.9	-	99.0	97.4
Buses	0	0	0	-	0	0	21	0	-	21	0	0	5	-	5	26
% Buses	-	0.0	0.0	-	0.0	-	4.0	0.0	-	3.9	-	0.0	0.6	-	0.6	1.8
Single-Unit Trucks	0	0	1	-	1	0	4	0	-	4	0	0	4	-	4	9
% Single-Unit Trucks	-	0.0	16.7	-	12.5	-	0.8	0.0	-	0.7	-	0.0	0.5	-	0.5	0.6
Articulated Trucks	0	0	0	-	0	0	1	0	-	1	0	0	0	-	0	1
% Articulated Trucks	-	0.0	0.0	-	0.0	-	0.2	0.0	-	0.2	-	0.0	0.0	-	0.0	0.1
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(847)518-9990 abowen@kloainc.com

Count Name: Waukegan Rd and Access Dr TMC
Site Code:
Start Date: 01/29/2026

Turning Movement Peak Hour Data (4:45 PM)

Start Time	Access Dr Westbound					Waukegan Rd Northbound					Waukegan Rd Southbound					
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Peds	App. Total	Int. Total
4:45 PM	0	1	4	0	5	0	175	0	0	175	0	2	185	0	187	367
5:00 PM	0	2	7	0	9	0	207	2	0	209	0	1	176	0	177	395
5:15 PM	0	1	6	0	7	0	212	0	0	212	0	3	230	0	233	452
5:30 PM	0	2	2	0	4	0	193	1	0	194	0	8	162	0	170	368
Total	0	6	19	0	25	0	787	3	0	790	0	14	753	0	767	1582
Approach %	0.0	24.0	76.0	-	-	0.0	99.6	0.4	-	-	0.0	1.8	98.2	-	-	-
Total %	0.0	0.4	1.2	-	1.6	0.0	49.7	0.2	-	49.9	0.0	0.9	47.6	-	48.5	-
PHF	0.000	0.750	0.679	-	0.694	0.000	0.928	0.375	-	0.932	0.000	0.438	0.818	-	0.823	0.875
Lights	0	6	18	-	24	0	783	3	-	786	0	14	749	-	763	1573
% Lights	-	100.0	94.7	-	96.0	-	99.5	100.0	-	99.5	-	100.0	99.5	-	99.5	99.4
Buses	0	0	0	-	0	0	0	0	-	0	0	0	1	-	1	1
% Buses	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	0.0	0.1	-	0.1	0.1
Single-Unit Trucks	0	0	1	-	1	0	1	0	-	1	0	0	2	-	2	4
% Single-Unit Trucks	-	0.0	5.3	-	4.0	-	0.1	0.0	-	0.1	-	0.0	0.3	-	0.3	0.3
Articulated Trucks	0	0	0	-	0	0	3	0	-	3	0	0	1	-	1	4
% Articulated Trucks	-	0.0	0.0	-	0.0	-	0.4	0.0	-	0.4	-	0.0	0.1	-	0.1	0.3
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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(847)518-9990 abowen@kloainc.com

Count Name: Waukegan Rd and Access Dr TMC
Site Code:
Start Date: 01/29/2026

Turning Movement Peak Hour Data (11:15 AM)

Start Time	Access Dr Westbound					Waukegan Rd Northbound					Waukegan Rd Southbound					
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Peds	App. Total	Int. Total
11:15 AM	0	1	3	0	4	0	139	0	0	139	0	1	137	0	138	281
11:30 AM	0	4	3	0	7	0	116	0	0	116	0	3	128	0	131	254
11:45 AM	0	1	3	0	4	0	137	0	0	137	0	3	144	0	147	288
12:00 PM	0	2	3	0	5	0	143	2	0	145	0	1	105	0	106	256
Total	0	8	12	0	20	0	535	2	0	537	0	8	514	0	522	1079
Approach %	0.0	40.0	60.0	-	-	0.0	99.6	0.4	-	-	0.0	1.5	98.5	-	-	-
Total %	0.0	0.7	1.1	-	1.9	0.0	49.6	0.2	-	49.8	0.0	0.7	47.6	-	48.4	-
PHF	0.000	0.500	1.000	-	0.714	0.000	0.935	0.250	-	0.926	0.000	0.667	0.892	-	0.888	0.937
Lights	0	8	11	-	19	0	528	2	-	530	0	8	511	-	519	1068
% Lights	-	100.0	91.7	-	95.0	-	98.7	100.0	-	98.7	-	100.0	99.4	-	99.4	99.0
Buses	0	0	0	-	0	0	4	0	-	4	0	0	2	-	2	6
% Buses	-	0.0	0.0	-	0.0	-	0.7	0.0	-	0.7	-	0.0	0.4	-	0.4	0.6
Single-Unit Trucks	0	0	1	-	1	0	3	0	-	3	0	0	1	-	1	5
% Single-Unit Trucks	-	0.0	8.3	-	5.0	-	0.6	0.0	-	0.6	-	0.0	0.2	-	0.2	0.5
Articulated Trucks	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Articulated Trucks	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0
Bicycles on Road	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CMAP 2050 Projections Letter

Chicago Metropolitan Agency for Planning

433 West Van Buren Street, Suite 450
Chicago, IL 60607
cmap.illinois.gov | 312-454-0400

January 7, 2026

Ryan May
Project Coordinator
Kenig, Lindgren, O'Hara and Aboona, Inc.
9575 West Higgins Road
Suite 400
Rosemont, IL 60018

Subject: Ridge Road at Half Day Road
IDOT

Dear Ms. May:

In response to a request made on your behalf and dated January 2, 2026, we have developed year 2050 average daily traffic (ADT) projections for the subject location.

ROAD SEGMENT	Current ADT	Year 2050 ADT
Ridge Rd (west) north of Half Day Rd	675	720
Ridge Rd (west) south of Half Day Rd	1,500	1,600
Half Day Rd, at Ridge Rd (west)	19,300	22,900

Traffic projections are developed using existing ADT data provided in the request letter and the results from the June 2025 CMAP Travel Demand Analysis. The regional travel model uses CMAP 2050 socioeconomic projections and assumes the implementation of the ON TO 2050 Comprehensive Regional Plan for the Northeastern Illinois area. The provision of this data in support of your request does not constitute a CMAP endorsement of the proposed development or any subsequent developments.

If you have any questions, please call me at (312) 386-8806 or email me at jrodriguez@cmap.illinois.gov

Jose Rodriguez, PTP, AICP
Senior Planner, Research & Analysis

cc: Rios (IDOT)
2026_TrafficForecasts\HighlandPark\la-01-26\la-01-26.docx

Level of Service Criteria

LEVEL OF SERVICE CRITERIA

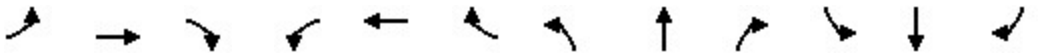
Signalized Intersections		
Level of Service	**Interpretation**	**Average Control Delay (seconds per vehicle)**
A	Favorable progression. Most vehicles arrive during the green indication and travel through the intersection without stopping.	≤10
B	Good progression, with more vehicles stopping than for Level of Service A.	> 10 - 20
C	Individual cycle failures (i.e., one or more queued vehicles are not able to depart as a result of insufficient capacity during the cycle) may begin to appear. Number of vehicles stopping is significant, although many vehicles still pass through the intersection without stopping.	> 20 - 35
D	The volume-to-capacity ratio is high and either progression is ineffective or the cycle length is too long. Many vehicles stop and individual cycle failures are noticeable.	> 35 - 55
E	Progression is unfavorable. The volume-to-capacity ratio is high and the cycle length is long. Individual cycle failures are frequent.	> 55 - 80
F	The volume-to-capacity ratio is very high, progression is very poor, and the cycle length is long. Most cycles fail to clear the queue.	> 80

Unsignalized Intersections	
Level of Service	**Average Total Delay (sec/veh)**
A	0 - 10
B	> 10 - 15
C	> 15 - 25
D	> 25 - 35
E	> 35 - 50
F	> 50

Source: *Highway Capacity Manual*, 7th Edition.

Capacity Analysis Summary Sheets

Existing Weekday Morning Peak Hour



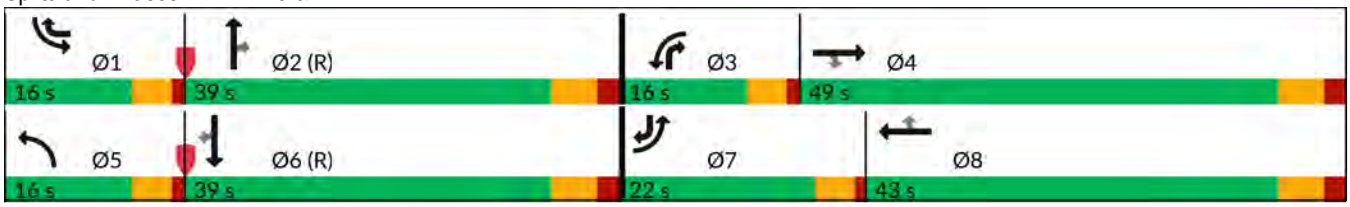
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	153	610	307	138	454	85	130	367	86	112	442	116
Future Volume (vph)	153	610	307	138	454	85	130	367	86	112	442	116
Ideal Flow (vphpl)	1900	2000	1900	1900	2000	1900	1900	2000	1900	1900	2000	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		425	150		150	260		205	245		160
Storage Lanes	2		1	2		1	2		1	2		1
Taper Length (ft)	245			180			85			290		
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00
Ped Bike Factor												
Frt			0.850			0.850			0.850			0.850
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	3400	3689	1599	3400	3725	1553	3433	3551	1538	3433	3762	1568
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	3400	3689	1599	3400	3725	1553	3433	3551	1538	3433	3762	1568
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		40			40			45			45	
Link Distance (ft)		1535			4285			2024			1123	
Travel Time (s)		26.2			73.0			30.7			17.0	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	3%	3%	1%	3%	2%	4%	2%	7%	5%	2%	1%	3%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	161	642	323	145	478	89	137	386	91	118	465	122
Turn Type	Prot	NA	Perm	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	7	4		3	8	1	5	2	3	1	6	7
Permitted Phases			4			8			2			6
Detector Phase	7	4	4	3	8	1	5	2	3	1	6	7
Switch Phase												
Minimum Initial (s)	3.0	15.0	15.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	7.5	21.0	21.0	7.5	21.0	7.5	7.5	21.0	7.5	7.5	21.0	7.5
Total Split (s)	22.0	49.0	49.0	16.0	43.0	16.0	16.0	39.0	16.0	16.0	39.0	22.0
Total Split (%)	18.3%	40.8%	40.8%	13.3%	35.8%	13.3%	13.3%	32.5%	13.3%	13.3%	32.5%	18.3%
Yellow Time (s)	3.5	4.0	4.0	3.5	4.0	3.5	3.5	4.0	3.5	3.5	4.0	3.5
All-Red Time (s)	1.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	4.5	6.0	6.0	4.5	6.0	4.5	4.5	6.0	4.5	4.5	6.0	4.5
Lead/Lag	Lead	Lag	Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	None	None	None	None	None	C-Min	None	None	C-Min	None
Act Effct Green (s)	11.0	43.8	43.8	10.0	42.8	58.2	9.8	35.8	51.9	9.4	35.3	52.4
Actuated g/C Ratio	0.09	0.37	0.37	0.08	0.36	0.49	0.08	0.30	0.43	0.08	0.29	0.44

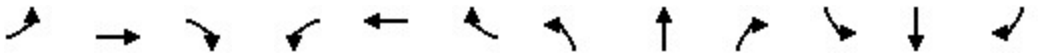
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.52	0.48	0.55	0.51	0.36	0.12	0.49	0.36	0.14	0.44	0.42	0.18
Control Delay (s/veh)	57.6	30.5	34.3	62.9	29.3	15.3	58.4	35.8	22.7	57.7	36.8	22.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	57.6	30.5	34.3	62.9	29.3	15.3	58.4	35.8	22.7	57.7	36.8	22.7
LOS	E	C	C	E	C	B	E	D	C	E	D	C
Approach Delay (s/veh)		35.4			34.4			38.9			37.9	
Approach LOS		D			C			D			D	
Queue Length 50th (ft)	63	185	181	61	99	26	54	142	48	46	167	65
Queue Length 95th (ft)	97	264	299	92	212	67	86	184	81	76	210	99
Internal Link Dist (ft)		1455			4205			1944			1043	
Turn Bay Length (ft)	155		425	150		150	260		205	245		160
Base Capacity (vph)	495	1404	608	326	1352	780	328	1093	683	328	1152	768
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.33	0.46	0.53	0.44	0.35	0.11	0.42	0.35	0.13	0.36	0.40	0.16

Intersection Summary

Area Type: Other
Cycle Length: 120
Actuated Cycle Length: 120
Offset: 13 (11%), Referenced to phase 2:NBT and 6:SBT, Start of 1st Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.55
Intersection Signal Delay (s/veh): 36.4 Intersection LOS: D
Intersection Capacity Utilization 53.7% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 1: IL 43 & IL 22





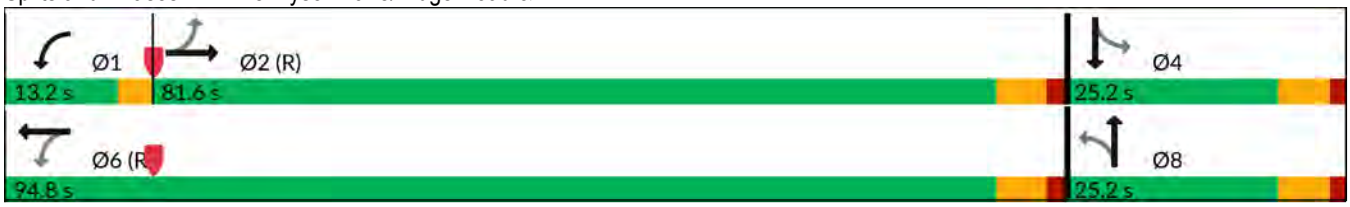
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	23	772	13	8	625	22	15	2	12	23	2	37
Future Volume (vph)	23	772	13	8	625	22	15	2	12	23	2	37
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		0	165		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	200			170			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor												
Frt		0.997			0.995			0.943			0.919	
Flt Protected	0.950			0.950				0.975			0.982	
Satd. Flow (prot)	1805	3491	0	1597	3524	0	0	1631	0	0	1694	0
Flt Permitted	0.393			0.323				0.843			0.865	
Satd. Flow (perm)	747	3491	0	543	3524	0	0	1410	0	0	1492	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		3			8			13			39	
Link Speed (mph)		40			40			25			25	
Link Distance (ft)		4285			2042			839			1799	
Travel Time (s)		73.0			34.8			22.9			49.1	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	0%	3%	8%	13%	2%	0%	0%	0%	17%	0%	0%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	24	827	0	8	681	0	0	31	0	0	65	0
Turn Type	Perm	NA		pm+pt	NA		Perm	NA		Perm	NA	
Protected Phases		2		1	6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		1	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		3.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	21.0	21.0		6.0	21.0		14.0	14.0		14.0	14.0	
Total Split (s)	81.6	81.6		13.2	94.8		25.2	25.2		25.2	25.2	
Total Split (%)	68.0%	68.0%		11.0%	79.0%		21.0%	21.0%		21.0%	21.0%	
Yellow Time (s)	4.5	4.5		3.0	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		0.0	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	6.0	6.0		3.0	6.0			6.0			6.0	
Lead/Lag	Lag	Lag		Lead								
Lead-Lag Optimize?	Yes	Yes		Yes								
Recall Mode	C-Min	C-Min		None	C-Min		None	None		None	None	
Act Effct Green (s)	100.1	100.1		103.7	101.9			10.1			10.1	
Actuated g/C Ratio	0.83	0.83		0.86	0.85			0.08			0.08	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.04	0.28		0.02	0.23			0.24			0.40	
Control Delay (s/veh)	4.0	4.3		2.0	2.6			38.2			32.4	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay (s/veh)	4.0	4.3		2.0	2.6			38.2			32.4	
LOS	A	A		A	A			D			C	
Approach Delay (s/veh)		4.3			2.5			38.2			32.4	
Approach LOS		A			A			D			C	
Queue Length 50th (ft)	0	5		1	47			13			19	
Queue Length 95th (ft)	m27	326		4	78			44			63	
Internal Link Dist (ft)		4205			1962			759			1719	
Turn Bay Length (ft)	155			165								
Base Capacity (vph)	623	2912		558	2993			236			271	
Starvation Cap Reductn	0	0		0	0			0			0	
Spillback Cap Reductn	0	0		0	0			0			0	
Storage Cap Reductn	0	0		0	0			0			0	
Reduced v/c Ratio	0.04	0.28		0.01	0.23			0.13			0.24	

Intersection Summary			
Area Type:	Other		
Cycle Length: 120			
Actuated Cycle Length: 120			
Offset: 51.6 (43%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green			
Natural Cycle: 45			
Control Type: Actuated-Coordinated			
Maximum v/c Ratio: 0.40			
Intersection Signal Delay (s/veh): 5.3		Intersection LOS: A	
Intersection Capacity Utilization 38.4%		ICU Level of Service A	
Analysis Period (min) 15			

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: Tennyson Lane/Ridge Road & IL 22



Intersection	
Int Delay, s/veh	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	2	6	577	9	18	869
Future Vol, veh/h	2	6	577	9	18	869
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	-	-	95	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	93	93	93	93	93	93
Heavy Vehicles, %	0	17	5	0	0	1
Mvmt Flow	2	6	620	10	19	934

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1131	315	0	0	630	0
Stage 1	625	-	-	-	-	-
Stage 2	506	-	-	-	-	-
Critical Hdwy	6.8	7.24	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.47	-	-	2.2	-
Pot Cap-1 Maneuver	200	638	-	-	962	-
Stage 1	501	-	-	-	-	-
Stage 2	576	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	196	638	-	-	962	-
Mov Cap-2 Maneuver	331	-	-	-	-	-
Stage 1	501	-	-	-	-	-
Stage 2	565	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	12.01	0	0.18
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	331	638	962	-
HCM Lane V/C Ratio	-	-	0.006	0.01	0.02	-
HCM Ctrl Dly (s/v)	-	-	15.9	10.7	8.8	-
HCM Lane LOS	-	-	C	B	A	-
HCM 95th %tile Q(veh)	-	-	0	0	0.1	-

Intersection	
Int Delay, s/veh	0.7

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	10	12	574	36	84	787
Future Vol, veh/h	10	12	574	36	84	787
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	155	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	0	0	5	3	0	1
Mvmt Flow	11	13	631	40	92	865

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1268	335	0	0	670	0
Stage 1	651	-	-	-	-	-
Stage 2	617	-	-	-	-	-
Critical Hdwy	6.8	6.9	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	163	667	-	-	929	-
Stage 1	487	-	-	-	-	-
Stage 2	506	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	147	667	-	-	929	-
Mov Cap-2 Maneuver	282	-	-	-	-	-
Stage 1	487	-	-	-	-	-
Stage 2	456	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	14.05	0	0.9
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	282	667	929	-
HCM Lane V/C Ratio	-	-	0.039	0.02	0.099	-
HCM Ctrl Dly (s/v)	-	-	18.3	10.5	9.3	-
HCM Lane LOS	-	-	C	B	A	-
HCM 95th %tile Q(veh)	-	-	0.1	0.1	0.3	-

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	2	0	8	4	0	0	3	41	3	0	50	2
Future Vol, veh/h	2	0	8	4	0	0	3	41	3	0	50	2
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	82	82	82	82	82	82	82	82	82	82	82	82
Heavy Vehicles, %	0	0	0	0	0	0	0	3	0	0	0	50
Mvmt Flow	2	0	10	5	0	0	4	50	4	0	61	2

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	120	123	62	120	123	52	63	0	0	54	0	0
Stage 1	62	62	-	59	59	-	-	-	-	-	-	-
Stage 2	57	61	-	61	63	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	861	771	1008	860	772	1022	1552	-	-	1565	-	-
Stage 1	954	847	-	957	850	-	-	-	-	-	-	-
Stage 2	960	848	-	955	846	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	859	769	1008	850	770	1022	1552	-	-	1565	-	-
Mov Cap-2 Maneuver	859	769	-	850	770	-	-	-	-	-	-	-
Stage 1	954	847	-	955	847	-	-	-	-	-	-	-
Stage 2	957	846	-	946	846	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	8.74	9.26	0.47	0
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	113	-	-	974	850	1565	-	-
HCM Lane V/C Ratio	0.002	-	-	0.013	0.006	-	-	-
HCM Ctrl Dly (s/v)	7.3	0	-	8.7	9.3	0	-	-
HCM Lane LOS	A	A	-	A	A	A	-	-
HCM 95th %tile Q(veh)	0	-	-	0	0	0	-	-

Capacity Analysis Summary Sheets

Existing Weekday Evening Peak Hour

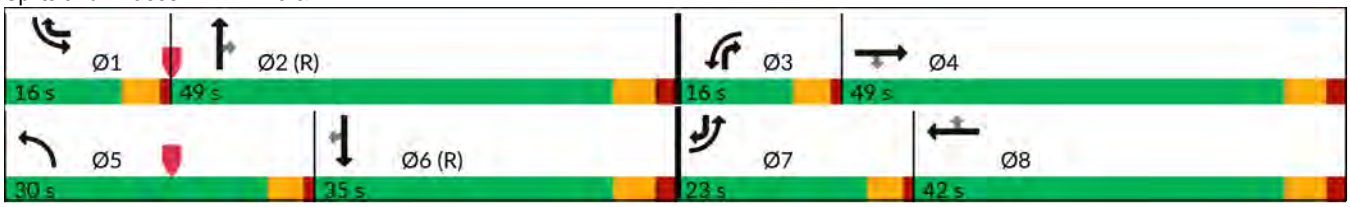
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	126	524	156	143	526	139	272	453	165	118	468	173
Future Volume (vph)	126	524	156	143	526	139	272	453	165	118	468	173
Ideal Flow (vphpl)	1900	2000	1900	1900	2000	1900	1900	2000	1900	1900	2000	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		425	150		150	260		205	245		160
Storage Lanes	2		1	2		1	2		1	2		1
Taper Length (ft)	245			180			85			290		
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00
Ped Bike Factor												
Frt			0.850			0.850			0.850			0.850
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	3467	3762	1583	3502	3762	1599	3467	3800	1615	3502	3800	1615
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	3467	3762	1583	3502	3762	1599	3467	3800	1615	3502	3800	1615
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		40			40			45			45	
Link Distance (ft)		1535			4285			2024			1123	
Travel Time (s)		26.2			73.0			30.7			17.0	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	1%	1%	2%	0%	1%	1%	1%	0%	0%	0%	0%	0%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	134	557	166	152	560	148	289	482	176	126	498	184
Turn Type	Prot	NA	Perm	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	7	4		3	8	1	5	2	3	1	6	7
Permitted Phases			4			8			2			6
Detector Phase	7	4	4	3	8	1	5	2	3	1	6	7
Switch Phase												
Minimum Initial (s)	3.0	15.0	15.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	7.5	21.0	21.0	7.5	21.0	7.5	7.5	21.0	7.5	7.5	21.0	7.5
Total Split (s)	23.0	49.0	49.0	16.0	42.0	16.0	30.0	49.0	16.0	16.0	35.0	23.0
Total Split (%)	17.7%	37.7%	37.7%	12.3%	32.3%	12.3%	23.1%	37.7%	12.3%	12.3%	26.9%	17.7%
Yellow Time (s)	3.5	4.0	4.0	3.5	4.0	3.5	3.5	4.0	3.5	3.5	4.0	3.5
All-Red Time (s)	1.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	4.5	6.0	6.0	4.5	6.0	4.5	4.5	6.0	4.5	4.5	6.0	4.5
Lead/Lag	Lead	Lag	Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	None	None	None	None	None	C-Min	None	None	C-Min	None
Act Effct Green (s)	10.4	37.5	37.5	10.3	37.4	53.2	16.1	51.4	67.8	9.8	45.1	61.4
Actuated g/C Ratio	0.08	0.29	0.29	0.08	0.29	0.41	0.12	0.40	0.52	0.08	0.35	0.47

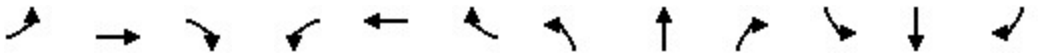
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.49	0.51	0.36	0.55	0.52	0.23	0.67	0.32	0.21	0.48	0.38	0.24
Control Delay (s/veh)	62.9	39.8	38.0	67.5	37.8	22.9	62.2	29.6	19.2	63.6	35.1	23.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	62.9	39.8	38.0	67.5	37.8	22.9	62.2	29.6	19.2	63.6	35.1	23.5
LOS	E	D	D	E	D	C	E	C	B	E	D	C
Approach Delay (s/veh)		43.0			40.5			37.6			36.9	
Approach LOS		D			D			D			D	
Queue Length 50th (ft)	57	203	110	55	205	79	122	152	81	53	171	94
Queue Length 95th (ft)	89	250	170	100	216	106	165	213	138	86	244	160
Internal Link Dist (ft)		1455			4205			1944			1043	
Turn Bay Length (ft)	155		425	150		150	260		205	245		160
Base Capacity (vph)	493	1244	523	309	1137	675	680	1503	856	309	1317	864
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.27	0.45	0.32	0.49	0.49	0.22	0.43	0.32	0.21	0.41	0.38	0.21

Intersection Summary

Area Type: Other
Cycle Length: 130
Actuated Cycle Length: 130
Offset: 5 (4%), Referenced to phase 2:NBT and 6:SBT, Start of 1st Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.67
Intersection Signal Delay (s/veh): 39.5 Intersection LOS: D
Intersection Capacity Utilization 55.6% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 1: IL 43 & IL 22



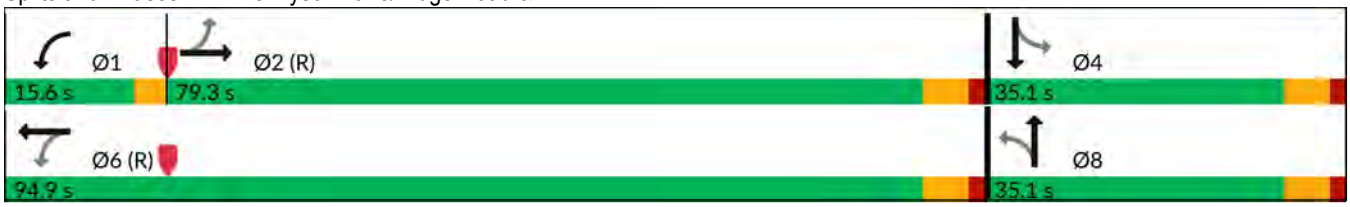


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	59	733	15	5	761	29	15	2	7	14	3	32
Future Volume (vph)	59	733	15	5	761	29	15	2	7	14	3	32
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		0	165		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	200			170			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor												
Frt		0.997			0.994			0.958			0.911	
Flt Protected	0.950			0.950				0.970			0.986	
Satd. Flow (prot)	1805	3564	0	1805	3554	0	0	1766	0	0	1707	0
Flt Permitted	0.330			0.331				0.849			0.895	
Satd. Flow (perm)	627	3564	0	629	3554	0	0	1545	0	0	1549	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		2			7			8			35	
Link Speed (mph)		40			40			25			25	
Link Distance (ft)		4285			2042			839			1799	
Travel Time (s)		73.0			34.8			22.9			49.1	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	64	813	0	5	859	0	0	26	0	0	53	0
Turn Type	Perm	NA		pm+pt	NA		Perm	NA		Perm	NA	
Protected Phases		2		1	6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		1	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		3.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	21.0	21.0		6.0	21.0		14.0	14.0		14.0	14.0	
Total Split (s)	79.3	79.3		15.6	94.9		35.1	35.1		35.1	35.1	
Total Split (%)	61.0%	61.0%		12.0%	73.0%		27.0%	27.0%		27.0%	27.0%	
Yellow Time (s)	4.5	4.5		3.0	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		0.0	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	6.0	6.0		3.0	6.0			6.0			6.0	
Lead/Lag	Lag	Lag		Lead								
Lead-Lag Optimize?	Yes	Yes		Yes								
Recall Mode	C-Min	C-Min		None	C-Min		None	None		None	None	
Act Effct Green (s)	110.6	110.6		114.2	112.4			9.6			9.6	
Actuated g/C Ratio	0.85	0.85		0.88	0.86			0.07			0.07	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.12	0.27		0.01	0.28			0.21			0.36	
Control Delay (s/veh)	3.0	2.6		1.6	2.4			46.7			32.7	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay (s/veh)	3.0	2.6		1.6	2.4			46.7			32.7	
LOS	A	A		A	A			D			C	
Approach Delay (s/veh)		2.6			2.4			46.7			32.7	
Approach LOS		A			A			D			C	
Queue Length 50th (ft)	2	10		1	61			15			15	
Queue Length 95th (ft)	60	271		2	95			44			56	
Internal Link Dist (ft)		4205			1962			759			1719	
Turn Bay Length (ft)	155			165								
Base Capacity (vph)	533	3033		666	3072			352			373	
Starvation Cap Reductn	0	0		0	0			0			0	
Spillback Cap Reductn	0	0		0	0			0			0	
Storage Cap Reductn	0	0		0	0			0			0	
Reduced v/c Ratio	0.12	0.27		0.01	0.28			0.07			0.14	

Intersection Summary			
Area Type:	Other		
Cycle Length: 130			
Actuated Cycle Length: 130			
Offset: 49.4 (38%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green			
Natural Cycle: 45			
Control Type: Actuated-Coordinated			
Maximum v/c Ratio: 0.36			
Intersection Signal Delay (s/veh): 4.0		Intersection LOS: A	
Intersection Capacity Utilization 56.1%		ICU Level of Service B	
Analysis Period (min) 15			

Splits and Phases: 2: Tennyson Lane/Ridge Road & IL 22



Intersection	
Int Delay, s/veh	0.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	6	19	871	3	14	753
Future Vol, veh/h	6	19	871	3	14	753
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	-	-	95	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	0	5	1	0	0	1
Mvmt Flow	7	22	990	3	16	856

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1451	497	0	0	993	0
Stage 1	991	-	-	-	-	-
Stage 2	460	-	-	-	-	-
Critical Hdwy	6.8	7	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.35	-	-	2.2	-
Pot Cap-1 Maneuver	124	511	-	-	704	-
Stage 1	324	-	-	-	-	-
Stage 2	608	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	121	511	-	-	704	-
Mov Cap-2 Maneuver	240	-	-	-	-	-
Stage 1	324	-	-	-	-	-
Stage 2	594	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	14.29	0	0.19
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	240	511	704	-
HCM Lane V/C Ratio	-	-	0.028	0.042	0.023	-
HCM Ctrl Dly (s/v)	-	-	20.4	12.4	10.2	-
HCM Lane LOS	-	-	C	B	B	-
HCM 95th %tile Q(veh)	-	-	0.1	0.1	0.1	-

Intersection	
Int Delay, s/veh	0.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	24	57	817	16	16	743
Future Vol, veh/h	24	57	817	16	16	743
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	155	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	0	0	1	0	0	1
Mvmt Flow	28	66	950	19	19	864

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1428	484	0	0	969	0
Stage 1	959	-	-	-	-	-
Stage 2	469	-	-	-	-	-
Critical Hdwy	6.8	6.9	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	128	534	-	-	719	-
Stage 1	337	-	-	-	-	-
Stage 2	602	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	125	534	-	-	719	-
Mov Cap-2 Maneuver	247	-	-	-	-	-
Stage 1	337	-	-	-	-	-
Stage 2	586	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	15.29	0	0.21
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	247	534	719	-
HCM Lane V/C Ratio	-	-	0.113	0.124	0.026	-
HCM Ctrl Dly (s/v)	-	-	21.4	12.7	10.1	-
HCM Lane LOS	-	-	C	B	B	-
HCM 95th %tile Q(veh)	-	-	0.4	0.4	0.1	-

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	2	0	5	4	0	0	11	77	2	0	40	2
Future Vol, veh/h	2	0	5	4	0	0	11	77	2	0	40	2
Conflicting Peds, #/hr	0	0	1	1	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	71	71	71	71	71	71	71	71	71	71	71	71
Heavy Vehicles, %	0	0	0	0	0	0	0	1	0	0	0	0
Mvmt Flow	3	0	7	6	0	0	15	108	3	0	56	3

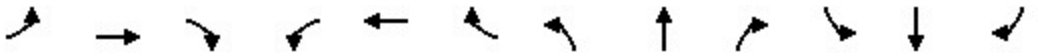
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	197	200	59	198	200	110	59	0	0	111	0	0
Stage 1	58	58	-	141	141	-	-	-	-	-	-	-
Stage 2	139	142	-	57	59	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	766	699	1013	765	699	949	1558	-	-	1491	-	-
Stage 1	959	851	-	867	784	-	-	-	-	-	-	-
Stage 2	868	783	-	960	850	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	758	692	1012	751	692	949	1558	-	-	1491	-	-
Mov Cap-2 Maneuver	758	692	-	751	692	-	-	-	-	-	-	-
Stage 1	959	851	-	858	776	-	-	-	-	-	-	-
Stage 2	859	775	-	952	850	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	8.94	9.83	0.9	0
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	219	-	-	923	751	1491	-	-
HCM Lane V/C Ratio	0.01	-	-	0.011	0.008	-	-	-
HCM Ctrl Dly (s/v)	7.3	0	-	8.9	9.8	0	-	-
HCM Lane LOS	A	A	-	A	A	A	-	-
HCM 95th %tile Q(veh)	0	-	-	0	0	0	-	-

Capacity Analysis Summary Sheets

Existing Saturday Midday Peak Hour



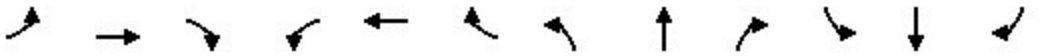
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	84	425	137	93	432	161	149	289	122	167	292	94
Future Volume (vph)	84	425	137	93	432	161	149	289	122	167	292	94
Ideal Flow (vphpl)	1900	2000	1900	1900	2000	1900	1900	2000	1900	1900	2000	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		425	150		150	260		205	245		160
Storage Lanes	2		1	2		1	2		1	2		1
Taper Length (ft)	245			180			85			290		
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00
Ped Bike Factor												
Frt			0.850			0.850			0.850			0.850
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	3467	3762	1599	3467	3725	1615	3467	3762	1599	3502	3800	1583
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	3467	3762	1599	3467	3725	1615	3467	3762	1599	3502	3800	1583
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		40			40			45			45	
Link Distance (ft)		1535			4285			2024			1123	
Travel Time (s)		26.2			73.0			30.7			17.0	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	1%	1%	1%	1%	2%	0%	1%	1%	1%	0%	0%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	86	434	140	95	441	164	152	295	124	170	298	96
Turn Type	Prot	NA	Perm	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	7	4		3	8	1	5	2	3	1	6	7
Permitted Phases			4			8			2			6
Detector Phase	7	4	4	3	8	1	5	2	3	1	6	7
Switch Phase												
Minimum Initial (s)	3.0	15.0	15.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	7.5	21.0	21.0	7.5	21.0	7.5	7.5	21.0	7.5	7.5	21.0	7.5
Total Split (s)	21.0	35.0	35.0	17.0	31.0	15.0	18.0	28.0	17.0	15.0	25.0	21.0
Total Split (%)	22.1%	36.8%	36.8%	17.9%	32.6%	15.8%	18.9%	29.5%	17.9%	15.8%	26.3%	22.1%
Yellow Time (s)	3.5	4.0	4.0	3.5	4.0	3.5	3.5	4.0	3.5	3.5	4.0	3.5
All-Red Time (s)	1.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	4.5	6.0	6.0	4.5	6.0	4.5	4.5	6.0	4.5	4.5	6.0	4.5
Lead/Lag	Lead	Lag	Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	None	None	None	None	None	C-Min	None	None	C-Min	None
Act Effct Green (s)	7.7	26.0	26.0	8.0	26.3	41.7	9.5	30.5	44.5	9.5	30.5	44.2
Actuated g/C Ratio	0.08	0.27	0.27	0.08	0.28	0.44	0.10	0.32	0.47	0.10	0.32	0.47

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.31	0.42	0.32	0.33	0.43	0.23	0.44	0.24	0.17	0.49	0.24	0.13
Control Delay (s/veh)	43.5	28.8	28.1	43.6	28.7	16.1	43.9	26.7	17.4	45.1	26.9	17.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	43.5	28.8	28.1	43.6	28.7	16.1	43.9	26.7	17.4	45.1	26.9	17.6
LOS	D	C	C	D	C	B	D	C	B	D	C	B
Approach Delay (s/veh)		30.6			27.8			29.2			30.8	
Approach LOS		C			C			C			C	
Queue Length 50th (ft)	25	112	67	28	115	58	45	70	43	50	70	33
Queue Length 95th (ft)	48	145	110	52	148	90	74	117	88	82	120	74
Internal Link Dist (ft)		1455			4205			1944			1043	
Turn Bay Length (ft)	155		425	150		150	260		205	245		160
Base Capacity (vph)	602	1188	505	456	1102	728	492	1209	825	391	1221	883
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.14	0.37	0.28	0.21	0.40	0.23	0.31	0.24	0.15	0.43	0.24	0.11

Intersection Summary			
Area Type:	Other		
Cycle Length: 95			
Actuated Cycle Length: 95			
Offset: 83 (87%), Referenced to phase 2:NBT and 6:SBT, Start of 1st Green			
Natural Cycle: 60			
Control Type: Actuated-Coordinated			
Maximum v/c Ratio: 0.49			
Intersection Signal Delay (s/veh): 29.5		Intersection LOS: C	
Intersection Capacity Utilization 50.6%		ICU Level of Service A	
Analysis Period (min) 15			

Splits and Phases: 1: IL 43 & IL 22



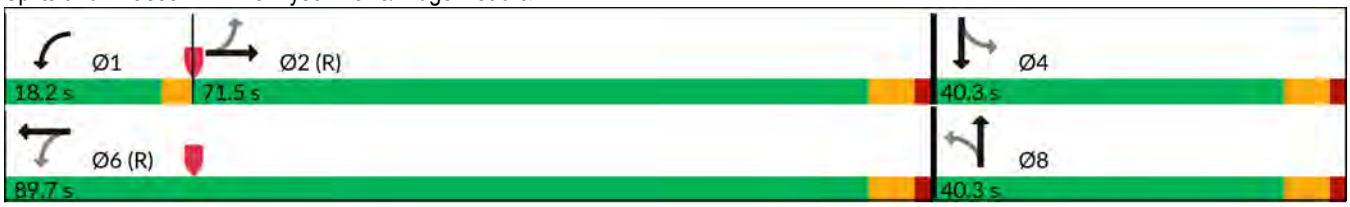


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	38	657	19	6	633	27	18	2	12	26	2	35
Future Volume (vph)	38	657	19	6	633	27	18	2	12	26	2	35
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		0	165		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	200			170			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor	0.99				1.00							
Frt		0.996			0.994			0.950			0.925	
Flt Protected	0.950			0.950				0.972			0.980	
Satd. Flow (prot)	1805	3591	0	1543	3544	0	0	1706	0	0	1694	0
Flt Permitted	0.373			0.353				0.793			0.849	
Satd. Flow (perm)	705	3591	0	573	3544	0	0	1392	0	0	1468	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		3			7			13			39	
Link Speed (mph)		40			40			25			25	
Link Distance (ft)		4285			2042			839			1799	
Travel Time (s)		73.0			34.8			22.9			49.1	
Confl. Peds. (#/hr)	16					16						
Confl. Bikes (#/hr)												
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	0%	0%	5%	17%	1%	4%	0%	50%	0%	0%	0%	3%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	42	751	0	7	733	0	0	35	0	0	70	0
Turn Type	Perm	NA		pm+pt	NA		Perm	NA		Perm	NA	
Protected Phases		2		1	6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		1	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		3.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	21.0	21.0		6.0	21.0		14.0	14.0		14.0	14.0	
Total Split (s)	71.5	71.5		18.2	89.7		40.3	40.3		40.3	40.3	
Total Split (%)	55.0%	55.0%		14.0%	69.0%		31.0%	31.0%		31.0%	31.0%	
Yellow Time (s)	4.5	4.5		3.0	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		0.0	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	6.0	6.0		3.0	6.0			6.0			6.0	
Lead/Lag	Lag	Lag		Lead								
Lead-Lag Optimize?	Yes	Yes		Yes								
Recall Mode	C-Min	C-Min		None	C-Min		None	None		None	None	
Act Effct Green (s)	109.6	109.6		113.2	111.4			10.6			10.6	
Actuated g/C Ratio	0.84	0.84		0.87	0.86			0.08			0.08	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.07	0.25		0.01	0.24			0.28			0.45	
Control Delay (s/veh)	3.7	3.3		2.0	2.5			44.3			37.6	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay (s/veh)	3.7	3.3		2.0	2.5			44.3			37.6	
LOS	A	A		A	A			D			D	
Approach Delay (s/veh)		3.3			2.5			44.3			37.6	
Approach LOS		A			A			D			D	
Queue Length 50th (ft)	5	55		1	54			25			25	
Queue Length 95th (ft)	21	127		4	87			71			72	
Internal Link Dist (ft)		4205			1962			759			1719	
Turn Bay Length (ft)	155			165								
Base Capacity (vph)	594	3029		612	3038			376			416	
Starvation Cap Reductn	0	0		0	0			0			0	
Spillback Cap Reductn	0	0		0	0			0			0	
Storage Cap Reductn	0	0		0	0			0			0	
Reduced v/c Ratio	0.07	0.25		0.01	0.24			0.09			0.17	

Intersection Summary			
Area Type:	Other		
Cycle Length: 130			
Actuated Cycle Length: 130			
Offset: 100.1 (77%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green			
Natural Cycle: 45			
Control Type: Actuated-Coordinated			
Maximum v/c Ratio: 0.45			
Intersection Signal Delay (s/veh): 5.3		Intersection LOS: A	
Intersection Capacity Utilization 48.2%		ICU Level of Service A	
Analysis Period (min) 15			

Splits and Phases: 2: Tennyson Lane/Ridge Road & IL 22



Intersection	
Int Delay, s/veh	0.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	8	12	548	2	8	514
Future Vol, veh/h	8	12	548	2	8	514
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	-	-	95	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	8	1	0	0	1
Mvmt Flow	9	13	583	2	9	547

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	874	293	0	0	585	0
Stage 1	584	-	-	-	-	-
Stage 2	290	-	-	-	-	-
Critical Hdwy	6.8	7.06	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.38	-	-	2.2	-
Pot Cap-1 Maneuver	293	686	-	-	1000	-
Stage 1	526	-	-	-	-	-
Stage 2	739	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	290	686	-	-	1000	-
Mov Cap-2 Maneuver	405	-	-	-	-	-
Stage 1	526	-	-	-	-	-
Stage 2	733	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	11.84	0	0.13
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	405	686	1000	-
HCM Lane V/C Ratio	-	-	0.021	0.019	0.009	-
HCM Ctrl Dly (s/v)	-	-	14.1	10.3	8.6	-
HCM Lane LOS	-	-	B	B	A	-
HCM 95th %tile Q(veh)	-	-	0.1	0.1	0	-

Intersection	
Int Delay, s/veh	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	12	4	546	3	4	518
Future Vol, veh/h	12	4	546	3	4	518
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	155	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	0	1	0	0	1
Mvmt Flow	13	4	581	3	4	551

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	866	292	0	0	584	0
Stage 1	582	-	-	-	-	-
Stage 2	284	-	-	-	-	-
Critical Hdwy	6.8	6.9	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	296	710	-	-	1000	-
Stage 1	527	-	-	-	-	-
Stage 2	745	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	295	710	-	-	1000	-
Mov Cap-2 Maneuver	409	-	-	-	-	-
Stage 1	527	-	-	-	-	-
Stage 2	742	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	13.09	0	0.07
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	409	710	1000	-
HCM Lane V/C Ratio	-	-	0.031	0.006	0.004	-
HCM Ctrl Dly (s/v)	-	-	14.1	10.1	8.6	-
HCM Lane LOS	-	-	B	B	A	-
HCM 95th %tile Q(veh)	-	-	0.1	0	0	-

Intersection	
Int Delay, s/veh	1.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	0	0	9	6	0	1	5	57	5	1	48	0
Future Vol, veh/h	0	0	9	6	0	1	5	57	5	1	48	0
Conflicting Peds, #/hr	0	0	1	1	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	86	86	86	86	86	86	86	86	86	86	86	86
Heavy Vehicles, %	0	0	0	0	0	0	0	3	0	100	0	0
Mvmt Flow	0	0	10	7	0	1	6	66	6	1	56	0

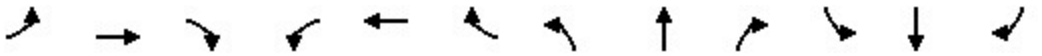
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	136	142	57	140	139	69	56	0	0	72	0	0
Stage 1	58	58	-	81	81	-	-	-	-	-	-	-
Stage 2	78	84	-	59	58	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	5.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	3.1	-	-
Pot Cap-1 Maneuver	840	753	1015	835	756	999	1562	-	-	1081	-	-
Stage 1	959	850	-	933	832	-	-	-	-	-	-	-
Stage 2	936	829	-	958	850	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	835	749	1014	821	752	999	1562	-	-	1081	-	-
Mov Cap-2 Maneuver	835	749	-	821	752	-	-	-	-	-	-	-
Stage 1	958	849	-	929	828	-	-	-	-	-	-	-
Stage 2	931	826	-	946	849	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	8.59	9.31	0.55	0.17
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	132	-	-	1014	843	37	-	-
HCM Lane V/C Ratio	0.004	-	-	0.01	0.01	0.001	-	-
HCM Ctrl Dly (s/v)	7.3	0	-	8.6	9.3	8.3	0	-
HCM Lane LOS	A	A	-	A	A	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0	0	0	-	-

Capacity Analysis Summary Sheets

Year 2032 No-Build Weekday Morning Peak Hour



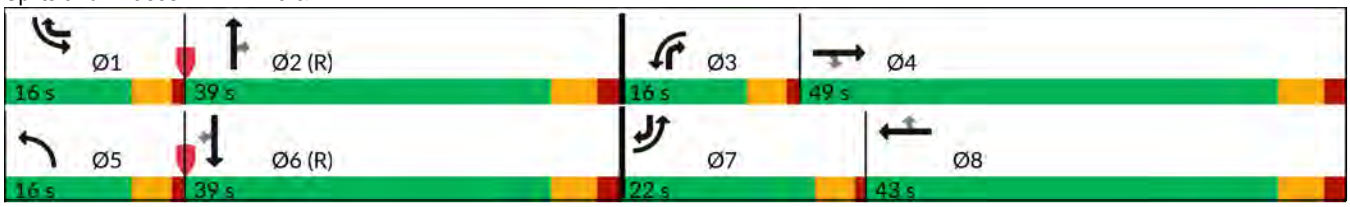
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	194	616	319	144	480	88	135	399	89	149	471	124
Future Volume (vph)	194	616	319	144	480	88	135	399	89	149	471	124
Ideal Flow (vphpl)	1900	2000	1900	1900	2000	1900	1900	2000	1900	1900	2000	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		425	150		150	260		205	245		160
Storage Lanes	2		1	2		1	2		1	2		1
Taper Length (ft)	245			180			85			290		
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00
Ped Bike Factor												
Frt			0.850			0.850			0.850			0.850
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	3400	3689	1599	3400	3725	1553	3433	3551	1538	3433	3762	1568
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	3400	3689	1599	3400	3725	1553	3433	3551	1538	3433	3762	1568
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		40			40			45			45	
Link Distance (ft)		1535			4285			2024			1123	
Travel Time (s)		26.2			73.0			30.7			17.0	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	3%	3%	1%	3%	2%	4%	2%	7%	5%	2%	1%	3%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	204	648	336	152	505	93	142	420	94	157	496	131
Turn Type	Prot	NA	Perm	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	7	4		3	8	1	5	2	3	1	6	7
Permitted Phases			4			8			2			6
Detector Phase	7	4	4	3	8	1	5	2	3	1	6	7
Switch Phase												
Minimum Initial (s)	3.0	15.0	15.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	7.5	21.0	21.0	7.5	21.0	7.5	7.5	21.0	7.5	7.5	21.0	7.5
Total Split (s)	22.0	49.0	49.0	16.0	43.0	16.0	16.0	39.0	16.0	16.0	39.0	22.0
Total Split (%)	18.3%	40.8%	40.8%	13.3%	35.8%	13.3%	13.3%	32.5%	13.3%	13.3%	32.5%	18.3%
Yellow Time (s)	3.5	4.0	4.0	3.5	4.0	3.5	3.5	4.0	3.5	3.5	4.0	3.5
All-Red Time (s)	1.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	4.5	6.0	6.0	4.5	6.0	4.5	4.5	6.0	4.5	4.5	6.0	4.5
Lead/Lag	Lead	Lag	Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	None	None	None	None	None	C-Min	None	None	C-Min	None
Act Effct Green (s)	12.5	43.5	43.5	10.3	41.3	57.5	10.0	35.0	51.3	10.2	35.3	53.8
Actuated g/C Ratio	0.10	0.36	0.36	0.09	0.34	0.48	0.08	0.29	0.43	0.09	0.29	0.45

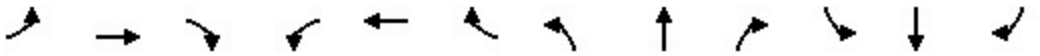
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.58	0.49	0.58	0.52	0.39	0.13	0.50	0.41	0.14	0.54	0.45	0.19
Control Delay (s/veh)	57.6	30.9	35.5	61.5	31.2	16.3	58.6	36.7	22.8	59.4	37.1	21.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	57.6	30.9	35.5	61.5	31.2	16.3	58.6	36.7	22.8	59.4	37.1	21.6
LOS	E	C	D	E	C	B	E	D	C	E	D	C
Approach Delay (s/veh)		36.8			35.5			39.4			39.0	
Approach LOS		D			D			D			D	
Queue Length 50th (ft)	80	193	196	62	114	30	55	155	49	61	177	67
Queue Length 95th (ft)	118	266	312	96	225	71	89	201	84	97	224	103
Internal Link Dist (ft)		1455			4205			1944			1043	
Turn Bay Length (ft)	155		425	150		150	260		205	245		160
Base Capacity (vph)	495	1387	601	327	1303	760	328	1070	674	328	1136	768
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.41	0.47	0.56	0.46	0.39	0.12	0.43	0.39	0.14	0.48	0.44	0.17

Intersection Summary

Area Type: Other
Cycle Length: 120
Actuated Cycle Length: 120
Offset: 13 (11%), Referenced to phase 2:NBT and 6:SBT, Start of 1st Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.58
Intersection Signal Delay (s/veh): 37.5 Intersection LOS: D
Intersection Capacity Utilization 54.5% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 1: IL 43 & IL 22





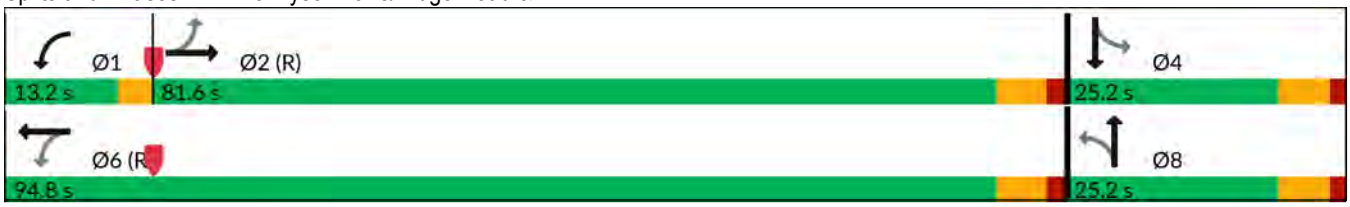
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	23	818	13	8	673	22	15	2	12	23	2	37
Future Volume (vph)	23	818	13	8	673	22	15	2	12	23	2	37
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		0	165		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	200			170			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor												
Frt		0.998			0.995			0.943			0.919	
Flt Protected	0.950			0.950				0.975			0.982	
Satd. Flow (prot)	1805	3495	0	1597	3524	0	0	1631	0	0	1694	0
Flt Permitted	0.374			0.306				0.843			0.865	
Satd. Flow (perm)	711	3495	0	515	3524	0	0	1410	0	0	1492	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		3			7			13			39	
Link Speed (mph)		40			40			25			25	
Link Distance (ft)		4285			2042			839			1799	
Travel Time (s)		73.0			34.8			22.9			49.1	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	0%	3%	8%	13%	2%	0%	0%	0%	17%	0%	0%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	24	875	0	8	731	0	0	31	0	0	65	0
Turn Type	Perm	NA		pm+pt	NA		Perm	NA		Perm	NA	
Protected Phases		2		1	6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		1	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		3.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	21.0	21.0		6.0	21.0		14.0	14.0		14.0	14.0	
Total Split (s)	81.6	81.6		13.2	94.8		25.2	25.2		25.2	25.2	
Total Split (%)	68.0%	68.0%		11.0%	79.0%		21.0%	21.0%		21.0%	21.0%	
Yellow Time (s)	4.5	4.5		3.0	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		0.0	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	6.0	6.0		3.0	6.0			6.0			6.0	
Lead/Lag	Lag	Lag		Lead								
Lead-Lag Optimize?	Yes	Yes		Yes								
Recall Mode	C-Min	C-Min		None	C-Min		None	None		None	None	
Act Effct Green (s)	100.1	100.1		103.7	101.9			10.1			10.1	
Actuated g/C Ratio	0.83	0.83		0.86	0.85			0.08			0.08	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.04	0.30		0.02	0.24			0.24			0.40	
Control Delay (s/veh)	3.9	4.1		2.0	2.6			38.2			32.4	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay (s/veh)	3.9	4.1		2.0	2.6			38.2			32.4	
LOS	A	A		A	A			D			C	
Approach Delay (s/veh)		4.1			2.6			38.2			32.4	
Approach LOS		A			A			D			C	
Queue Length 50th (ft)	0	5		1	52			13			19	
Queue Length 95th (ft)	m23	328		4	85			44			63	
Internal Link Dist (ft)		4205			1962			759			1719	
Turn Bay Length (ft)	155			165								
Base Capacity (vph)	593	2916		537	2992			236			271	
Starvation Cap Reductn	0	0		0	0			0			0	
Spillback Cap Reductn	0	0		0	0			0			0	
Storage Cap Reductn	0	0		0	0			0			0	
Reduced v/c Ratio	0.04	0.30		0.01	0.24			0.13			0.24	

Intersection Summary			
Area Type:	Other		
Cycle Length: 120			
Actuated Cycle Length: 120			
Offset: 51.6 (43%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green			
Natural Cycle: 45			
Control Type: Actuated-Coordinated			
Maximum v/c Ratio: 0.40			
Intersection Signal Delay (s/veh): 5.1		Intersection LOS: A	
Intersection Capacity Utilization 39.7%		ICU Level of Service A	
Analysis Period (min) 15			

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: Tennyson Lane/Ridge Road & IL 22



Intersection	
Int Delay, s/veh	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	2	6	617	9	18	916
Future Vol, veh/h	2	6	617	9	18	916
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	-	-	95	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	93	93	93	93	93	93
Heavy Vehicles, %	0	17	5	0	0	1
Mvmt Flow	2	6	663	10	19	985

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1199	337	0	0	673	0
Stage 1	668	-	-	-	-	-
Stage 2	531	-	-	-	-	-
Critical Hdwy	6.8	7.24	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.47	-	-	2.2	-
Pot Cap-1 Maneuver	181	617	-	-	927	-
Stage 1	477	-	-	-	-	-
Stage 2	560	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	177	617	-	-	927	-
Mov Cap-2 Maneuver	313	-	-	-	-	-
Stage 1	477	-	-	-	-	-
Stage 2	548	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	12.32	0	0.17
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	313	617	927	-
HCM Lane V/C Ratio	-	-	0.007	0.01	0.021	-
HCM Ctrl Dly (s/v)	-	-	16.6	10.9	9	-
HCM Lane LOS	-	-	C	B	A	-
HCM 95th %tile Q(veh)	-	-	0	0	0.1	-

Intersection	
Int Delay, s/veh	0.7

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	10	12	614	36	84	834
Future Vol, veh/h	10	12	614	36	84	834
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	155	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	0	0	5	3	0	1
Mvmt Flow	11	13	675	40	92	916

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1337	357	0	0	714	0
Stage 1	695	-	-	-	-	-
Stage 2	643	-	-	-	-	-
Critical Hdwy	6.8	6.9	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	147	645	-	-	895	-
Stage 1	462	-	-	-	-	-
Stage 2	491	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	132	645	-	-	895	-
Mov Cap-2 Maneuver	266	-	-	-	-	-
Stage 1	462	-	-	-	-	-
Stage 2	440	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	14.53	0	0.87
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	266	645	895	-
HCM Lane V/C Ratio	-	-	0.041	0.02	0.103	-
HCM Ctrl Dly (s/v)	-	-	19.1	10.7	9.5	-
HCM Lane LOS	-	-	C	B	A	-
HCM 95th %tile Q(veh)	-	-	0.1	0.1	0.3	-

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	2	0	8	4	0	0	3	41	3	0	50	2
Future Vol, veh/h	2	0	8	4	0	0	3	41	3	0	50	2
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	82	82	82	82	82	82	82	82	82	82	82	82
Heavy Vehicles, %	0	0	0	0	0	0	0	3	0	0	0	50
Mvmt Flow	2	0	10	5	0	0	4	50	4	0	61	2

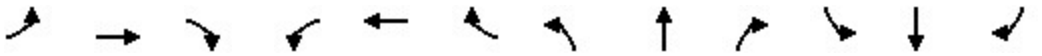
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	120	123	62	120	123	52	63	0	0	54	0	0
Stage 1	62	62	-	59	59	-	-	-	-	-	-	-
Stage 2	57	61	-	61	63	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	861	771	1008	860	772	1022	1552	-	-	1565	-	-
Stage 1	954	847	-	957	850	-	-	-	-	-	-	-
Stage 2	960	848	-	955	846	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	859	769	1008	850	770	1022	1552	-	-	1565	-	-
Mov Cap-2 Maneuver	859	769	-	850	770	-	-	-	-	-	-	-
Stage 1	954	847	-	955	847	-	-	-	-	-	-	-
Stage 2	957	846	-	946	846	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	8.74	9.26	0.47	0
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	113	-	-	974	850	1565	-	-
HCM Lane V/C Ratio	0.002	-	-	0.013	0.006	-	-	-
HCM Ctrl Dly (s/v)	7.3	0	-	8.7	9.3	0	-	-
HCM Lane LOS	A	A	-	A	A	A	-	-
HCM 95th %tile Q(veh)	0	-	-	0	0	0	-	-

Capacity Analysis Summary Sheets

Year 2032 No-Build Weekday Evening Peak Hour

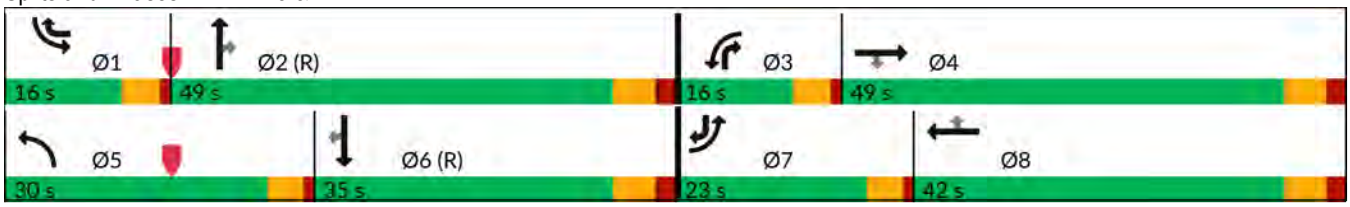


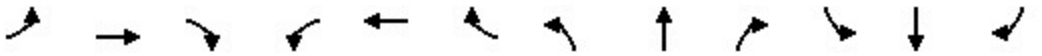
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	168	530	162	149	562	145	283	493	172	163	507	185
Future Volume (vph)	168	530	162	149	562	145	283	493	172	163	507	185
Ideal Flow (vphpl)	1900	2000	1900	1900	2000	1900	1900	2000	1900	1900	2000	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		425	150		150	260		205	245		160
Storage Lanes	2		1	2		1	2		1	2		1
Taper Length (ft)	245			180			85			290		
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00
Ped Bike Factor												
Frt			0.850			0.850			0.850			0.850
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	3467	3762	1583	3502	3762	1599	3467	3800	1615	3502	3800	1615
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	3467	3762	1583	3502	3762	1599	3467	3800	1615	3502	3800	1615
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		40			40			45			45	
Link Distance (ft)		1535			4285			2024			1123	
Travel Time (s)		26.2			73.0			30.7			17.0	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	1%	1%	2%	0%	1%	1%	1%	0%	0%	0%	0%	0%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	179	564	172	159	598	154	301	524	183	173	539	197
Turn Type	Prot	NA	Perm	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	7	4		3	8	1	5	2	3	1	6	7
Permitted Phases			4			8			2			6
Detector Phase	7	4	4	3	8	1	5	2	3	1	6	7
Switch Phase												
Minimum Initial (s)	3.0	15.0	15.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	7.5	21.0	21.0	7.5	21.0	7.5	7.5	21.0	7.5	7.5	21.0	7.5
Total Split (s)	23.0	49.0	49.0	16.0	42.0	16.0	30.0	49.0	16.0	16.0	35.0	23.0
Total Split (%)	17.7%	37.7%	37.7%	12.3%	32.3%	12.3%	23.1%	37.7%	12.3%	12.3%	26.9%	17.7%
Yellow Time (s)	3.5	4.0	4.0	3.5	4.0	3.5	3.5	4.0	3.5	3.5	4.0	3.5
All-Red Time (s)	1.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	4.5	6.0	6.0	4.5	6.0	4.5	4.5	6.0	4.5	4.5	6.0	4.5
Lead/Lag	Lead	Lag	Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	None	None	None	None	None	C-Min	None	None	C-Min	None
Act Effct Green (s)	12.0	37.8	37.8	10.5	36.3	53.0	16.6	50.0	66.4	10.7	44.1	62.2
Actuated g/C Ratio	0.09	0.29	0.29	0.08	0.28	0.41	0.13	0.38	0.51	0.08	0.34	0.48

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.56	0.52	0.37	0.57	0.57	0.24	0.68	0.36	0.22	0.60	0.42	0.26
Control Delay (s/veh)	62.9	39.6	38.0	67.5	39.5	23.3	62.1	31.0	19.9	66.5	36.4	23.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	62.9	39.6	38.0	67.5	39.5	23.3	62.1	31.0	19.9	66.5	36.4	23.1
LOS	E	D	D	E	D	C	E	C	B	E	D	C
Approach Delay (s/veh)		43.8			41.7			38.3			39.2	
Approach LOS		D			D			D			D	
Queue Length 50th (ft)	76	203	113	65	222	81	127	174	88	73	191	102
Queue Length 95th (ft)	112	253	175	104	228	112	171	232	143	112	266	168
Internal Link Dist (ft)		1455			4205			1944			1043	
Turn Bay Length (ft)	155		425	150		150	260		205	245		160
Base Capacity (vph)	493	1244	523	309	1112	662	680	1460	838	310	1290	852
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.36	0.45	0.33	0.51	0.54	0.23	0.44	0.36	0.22	0.56	0.42	0.23

Intersection Summary			
Area Type:	Other		
Cycle Length: 130			
Actuated Cycle Length: 130			
Offset: 5 (4%), Referenced to phase 2:NBT and 6:SBT, Start of 1st Green			
Natural Cycle: 60			
Control Type: Actuated-Coordinated			
Maximum v/c Ratio: 0.68			
Intersection Signal Delay (s/veh): 40.7		Intersection LOS: D	
Intersection Capacity Utilization 58.4%		ICU Level of Service B	
Analysis Period (min) 15			

Splits and Phases: 1: IL 43 & IL 22





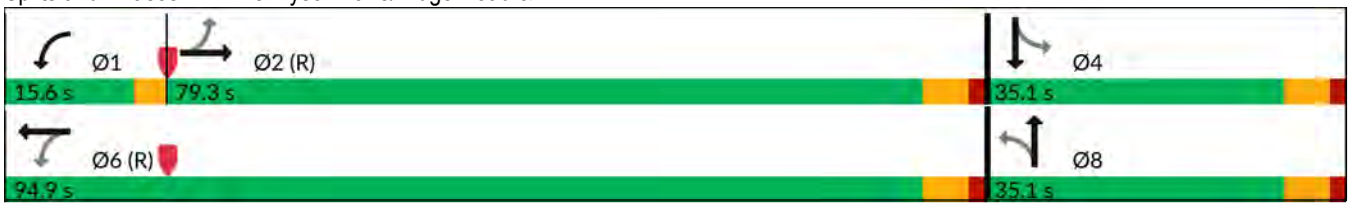
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	59	791	15	5	822	29	15	2	7	14	3	32
Future Volume (vph)	59	791	15	5	822	29	15	2	7	14	3	32
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		0	165		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	200			170			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor												
Frt		0.997			0.995			0.958			0.911	
Flt Protected	0.950			0.950				0.970			0.986	
Satd. Flow (prot)	1805	3564	0	1805	3558	0	0	1766	0	0	1707	0
Flt Permitted	0.309			0.308				0.849			0.895	
Satd. Flow (perm)	587	3564	0	585	3558	0	0	1545	0	0	1549	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		2			6			8			35	
Link Speed (mph)		40			40			25			25	
Link Distance (ft)		4285			2042			839			1799	
Travel Time (s)		73.0			34.8			22.9			49.1	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	64	876	0	5	925	0	0	26	0	0	53	0
Turn Type	Perm	NA		pm+pt	NA		Perm	NA		Perm	NA	
Protected Phases		2		1	6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		1	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		3.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	21.0	21.0		6.0	21.0		14.0	14.0		14.0	14.0	
Total Split (s)	79.3	79.3		15.6	94.9		35.1	35.1		35.1	35.1	
Total Split (%)	61.0%	61.0%		12.0%	73.0%		27.0%	27.0%		27.0%	27.0%	
Yellow Time (s)	4.5	4.5		3.0	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		0.0	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	6.0	6.0		3.0	6.0			6.0			6.0	
Lead/Lag	Lag	Lag		Lead								
Lead-Lag Optimize?	Yes	Yes		Yes								
Recall Mode	C-Min	C-Min		None	C-Min		None	None		None	None	
Act Effct Green (s)	110.6	110.6		114.2	112.4			9.6			9.6	
Actuated g/C Ratio	0.85	0.85		0.88	0.86			0.07			0.07	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.13	0.29		0.01	0.30			0.21			0.36	
Control Delay (s/veh)	2.9	2.5		1.6	2.5			46.7			32.7	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay (s/veh)	2.9	2.5		1.6	2.5			46.7			32.7	
LOS	A	A		A	A			D			C	
Approach Delay (s/veh)		2.5			2.5			46.7			32.7	
Approach LOS		A			A			D			C	
Queue Length 50th (ft)	2	11		1	67			15			15	
Queue Length 95th (ft)	m57	274		2	105			44			56	
Internal Link Dist (ft)		4205			1962			759			1719	
Turn Bay Length (ft)	155			165								
Base Capacity (vph)	499	3033		631	3076			352			373	
Starvation Cap Reductn	0	0		0	0			0			0	
Spillback Cap Reductn	0	0		0	0			0			0	
Storage Cap Reductn	0	0		0	0			0			0	
Reduced v/c Ratio	0.13	0.29		0.01	0.30			0.07			0.14	

Intersection Summary			
Area Type:	Other		
Cycle Length: 130			
Actuated Cycle Length: 130			
Offset: 49.4 (38%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green			
Natural Cycle: 45			
Control Type: Actuated-Coordinated			
Maximum v/c Ratio: 0.36			
Intersection Signal Delay (s/veh): 3.9		Intersection LOS: A	
Intersection Capacity Utilization 57.8%		ICU Level of Service B	
Analysis Period (min) 15			

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: Tennyson Lane/Ridge Road & IL 22



Intersection	
Int Delay, s/veh	0.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	6	19	929	3	14	804
Future Vol, veh/h	6	19	929	3	14	804
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	-	-	95	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	0	5	1	0	0	1
Mvmt Flow	7	22	1056	3	16	914

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1546	530	0	0	1059	0
Stage 1	1057	-	-	-	-	-
Stage 2	489	-	-	-	-	-
Critical Hdwy	6.8	7	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.35	-	-	2.2	-
Pot Cap-1 Maneuver	107	486	-	-	665	-
Stage 1	300	-	-	-	-	-
Stage 2	588	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	105	486	-	-	665	-
Mov Cap-2 Maneuver	221	-	-	-	-	-
Stage 1	300	-	-	-	-	-
Stage 2	574	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	14.92	0	0.18
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	221	486	665	-
HCM Lane V/C Ratio	-	-	0.031	0.044	0.024	-
HCM Ctrl Dly (s/v)	-	-	21.8	12.8	10.5	-
HCM Lane LOS	-	-	C	B	B	-
HCM 95th %tile Q(veh)	-	-	0.1	0.1	0.1	-

Intersection	
Int Delay, s/veh	0.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	24	57	875	16	16	794
Future Vol, veh/h	24	57	875	16	16	794
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	155	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	0	0	1	0	0	1
Mvmt Flow	28	66	1017	19	19	923

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1526	518	0	0	1036	0
Stage 1	1027	-	-	-	-	-
Stage 2	499	-	-	-	-	-
Critical Hdwy	6.8	6.9	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	111	508	-	-	679	-
Stage 1	311	-	-	-	-	-
Stage 2	581	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	108	508	-	-	679	-
Mov Cap-2 Maneuver	227	-	-	-	-	-
Stage 1	311	-	-	-	-	-
Stage 2	565	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	16.1	0	0.21
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	227	508	679	-
HCM Lane V/C Ratio	-	-	0.123	0.131	0.027	-
HCM Ctrl Dly (s/v)	-	-	23.1	13.2	10.5	-
HCM Lane LOS	-	-	C	B	B	-
HCM 95th %tile Q(veh)	-	-	0.4	0.4	0.1	-

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	2	0	5	4	0	0	11	77	2	0	40	2
Future Vol, veh/h	2	0	5	4	0	0	11	77	2	0	40	2
Conflicting Peds, #/hr	0	0	1	1	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	71	71	71	71	71	71	71	71	71	71	71	71
Heavy Vehicles, %	0	0	0	0	0	0	0	1	0	0	0	0
Mvmt Flow	3	0	7	6	0	0	15	108	3	0	56	3

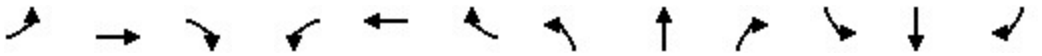
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	197	200	59	198	200	110	59	0	0	111	0	0
Stage 1	58	58	-	141	141	-	-	-	-	-	-	-
Stage 2	139	142	-	57	59	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	766	699	1013	765	699	949	1558	-	-	1491	-	-
Stage 1	959	851	-	867	784	-	-	-	-	-	-	-
Stage 2	868	783	-	960	850	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	758	692	1012	751	692	949	1558	-	-	1491	-	-
Mov Cap-2 Maneuver	758	692	-	751	692	-	-	-	-	-	-	-
Stage 1	959	851	-	858	776	-	-	-	-	-	-	-
Stage 2	859	775	-	952	850	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	8.94	9.83	0.9	0
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	219	-	-	923	751	1491	-	-
HCM Lane V/C Ratio	0.01	-	-	0.011	0.008	-	-	-
HCM Ctrl Dly (s/v)	7.3	0	-	8.9	9.8	0	-	-
HCM Lane LOS	A	A	-	A	A	A	-	-
HCM 95th %tile Q(veh)	0	-	-	0	0	0	-	-

Capacity Analysis Summary Sheets

Year 2032 No-Build Saturday Midday Peak Hour



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	135	419	142	97	467	167	155	326	127	227	328	104
Future Volume (vph)	135	419	142	97	467	167	155	326	127	227	328	104
Ideal Flow (vphpl)	1900	2000	1900	1900	2000	1900	1900	2000	1900	1900	2000	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		425	150		150	260		205	245		160
Storage Lanes	2		1	2		1	2		1	2		1
Taper Length (ft)	245			180			85			290		
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00
Ped Bike Factor												
Frt			0.850			0.850			0.850			0.850
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	3467	3762	1599	3467	3725	1615	3467	3762	1599	3502	3800	1583
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	3467	3762	1599	3467	3725	1615	3467	3762	1599	3502	3800	1583
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		40			40			45			45	
Link Distance (ft)		1535			4285			2024			1123	
Travel Time (s)		26.2			73.0			30.7			17.0	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	1%	1%	1%	1%	2%	0%	1%	1%	1%	0%	0%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	138	428	145	99	477	170	158	333	130	232	335	106
Turn Type	Prot	NA	Perm	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	7	4		3	8	1	5	2	3	1	6	7
Permitted Phases			4			8			2			6
Detector Phase	7	4	4	3	8	1	5	2	3	1	6	7
Switch Phase												
Minimum Initial (s)	3.0	15.0	15.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	7.5	21.0	21.0	7.5	21.0	7.5	7.5	21.0	7.5	7.5	21.0	7.5
Total Split (s)	21.0	35.0	35.0	17.0	31.0	15.0	18.0	28.0	17.0	15.0	25.0	21.0
Total Split (%)	22.1%	36.8%	36.8%	17.9%	32.6%	15.8%	18.9%	29.5%	17.9%	15.8%	26.3%	22.1%
Yellow Time (s)	3.5	4.0	4.0	3.5	4.0	3.5	3.5	4.0	3.5	3.5	4.0	3.5
All-Red Time (s)	1.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	4.5	6.0	6.0	4.5	6.0	4.5	4.5	6.0	4.5	4.5	6.0	4.5
Lead/Lag	Lead	Lag	Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	None	None	None	None	None	C-Min	None	None	C-Min	None
Act Effct Green (s)	9.1	26.4	26.4	8.1	25.4	41.8	9.7	29.1	43.1	10.5	29.9	45.0
Actuated g/C Ratio	0.10	0.28	0.28	0.09	0.27	0.44	0.10	0.31	0.45	0.11	0.31	0.47

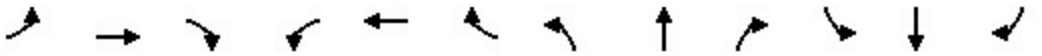
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.42	0.41	0.33	0.34	0.48	0.24	0.45	0.29	0.18	0.60	0.28	0.14
Control Delay (s/veh)	43.9	28.5	28.2	43.6	30.3	16.5	43.9	27.9	18.0	47.1	27.5	16.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	43.9	28.5	28.2	43.6	30.3	16.5	43.9	27.9	18.0	47.1	27.5	16.9
LOS	D	C	C	D	C	B	D	C	B	D	C	B
Approach Delay (s/veh)		31.4			28.9			29.9			32.6	
Approach LOS		C			C			C			C	
Queue Length 50th (ft)	41	111	70	29	128	61	47	82	47	69	80	36
Queue Length 95th (ft)	69	143	114	54	165	97	76	131	91	108	134	78
Internal Link Dist (ft)		1455			4205			1944			1043	
Turn Bay Length (ft)	155		425	150		150	260		205	245		160
Base Capacity (vph)	602	1185	504	456	1064	719	492	1150	800	403	1195	873
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.23	0.36	0.29	0.22	0.45	0.24	0.32	0.29	0.16	0.58	0.28	0.12

Intersection Summary

Area Type: Other
Cycle Length: 95
Actuated Cycle Length: 95
Offset: 83 (87%), Referenced to phase 2:NBT and 6:SBT, Start of 1st Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.60
Intersection Signal Delay (s/veh): 30.7 Intersection LOS: C
Intersection Capacity Utilization 52.8% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 1: IL 43 & IL 22



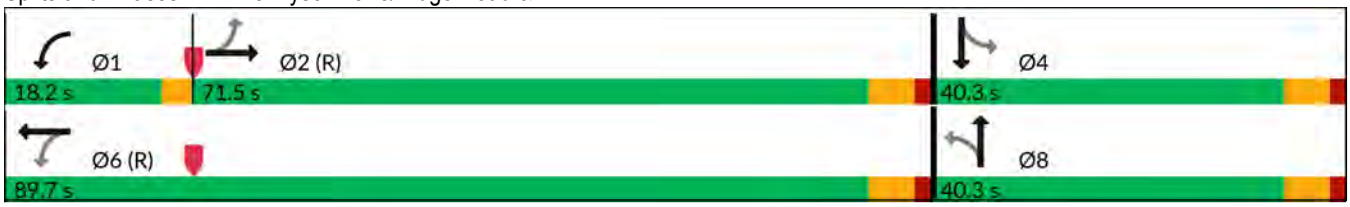


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	38	716	19	6	692	27	18	2	12	26	2	35
Future Volume (vph)	38	716	19	6	692	27	18	2	12	26	2	35
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		0	165		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	200			170			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor	0.99				1.00							
Frt		0.996			0.994			0.950			0.925	
Flt Protected	0.950			0.950				0.972			0.980	
Satd. Flow (prot)	1805	3591	0	1543	3545	0	0	1706	0	0	1694	0
Flt Permitted	0.350			0.328				0.793			0.849	
Satd. Flow (perm)	662	3591	0	533	3545	0	0	1392	0	0	1468	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		3			6			13			39	
Link Speed (mph)		40			40			25			25	
Link Distance (ft)		4285			2042			839			1799	
Travel Time (s)		73.0			34.8			22.9			49.1	
Confl. Peds. (#/hr)	16					16						
Confl. Bikes (#/hr)												
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	0%	0%	5%	17%	1%	4%	0%	50%	0%	0%	0%	3%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	42	817	0	7	799	0	0	35	0	0	70	0
Turn Type	Perm	NA		pm+pt	NA		Perm	NA		Perm	NA	
Protected Phases		2		1	6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		1	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		3.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	21.0	21.0		6.0	21.0		14.0	14.0		14.0	14.0	
Total Split (s)	71.5	71.5		18.2	89.7		40.3	40.3		40.3	40.3	
Total Split (%)	55.0%	55.0%		14.0%	69.0%		31.0%	31.0%		31.0%	31.0%	
Yellow Time (s)	4.5	4.5		3.0	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		0.0	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	6.0	6.0		3.0	6.0			6.0			6.0	
Lead/Lag	Lag	Lag		Lead								
Lead-Lag Optimize?	Yes	Yes		Yes								
Recall Mode	C-Min	C-Min		None	C-Min		None	None		None	None	
Act Effct Green (s)	109.6	109.6		113.2	111.4			10.6			10.6	
Actuated g/C Ratio	0.84	0.84		0.87	0.86			0.08			0.08	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.08	0.27		0.01	0.26			0.28			0.45	
Control Delay (s/veh)	3.8	3.4		2.0	2.6			44.3			37.6	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay (s/veh)	3.8	3.4		2.0	2.6			44.3			37.6	
LOS	A	A		A	A			D			D	
Approach Delay (s/veh)		3.4			2.6			44.3			37.6	
Approach LOS		A			A			D			D	
Queue Length 50th (ft)	5	62		1	60			25			25	
Queue Length 95th (ft)	21	141		4	97			71			72	
Internal Link Dist (ft)		4205			1962			759			1719	
Turn Bay Length (ft)	155			165								
Base Capacity (vph)	558	3029		581	3038			376			416	
Starvation Cap Reductn	0	0		0	0			0			0	
Spillback Cap Reductn	0	0		0	0			0			0	
Storage Cap Reductn	0	0		0	0			0			0	
Reduced v/c Ratio	0.08	0.27		0.01	0.26			0.09			0.17	

Intersection Summary			
Area Type:	Other		
Cycle Length: 130			
Actuated Cycle Length: 130			
Offset: 100.1 (77%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green			
Natural Cycle: 45			
Control Type: Actuated-Coordinated			
Maximum v/c Ratio: 0.45			
Intersection Signal Delay (s/veh): 5.2		Intersection LOS: A	
Intersection Capacity Utilization 48.2%		ICU Level of Service A	
Analysis Period (min) 15			

Splits and Phases: 2: Tennyson Lane/Ridge Road & IL 22



Intersection	
Int Delay, s/veh	0.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	8	12	596	2	8	559
Future Vol, veh/h	8	12	596	2	8	559
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	-	-	95	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	8	1	0	0	1
Mvmt Flow	9	13	634	2	9	595

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	949	318	0	0	636	0
Stage 1	635	-	-	-	-	-
Stage 2	314	-	-	-	-	-
Critical Hdwy	6.8	7.06	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.38	-	-	2.2	-
Pot Cap-1 Maneuver	262	660	-	-	957	-
Stage 1	496	-	-	-	-	-
Stage 2	719	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	260	660	-	-	957	-
Mov Cap-2 Maneuver	379	-	-	-	-	-
Stage 1	496	-	-	-	-	-
Stage 2	713	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	12.23	0	0.12
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	379	660	957	-
HCM Lane V/C Ratio	-	-	0.022	0.019	0.009	-
HCM Ctrl Dly (s/v)	-	-	14.7	10.6	8.8	-
HCM Lane LOS	-	-	B	B	A	-
HCM 95th %tile Q(veh)	-	-	0.1	0.1	0	-

Intersection	
Int Delay, s/veh	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	12	4	594	3	4	563
Future Vol, veh/h	12	4	594	3	4	563
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	155	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	0	1	0	0	1
Mvmt Flow	13	4	632	3	4	599

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	941	318	0	0	635	0
Stage 1	634	-	-	-	-	-
Stage 2	308	-	-	-	-	-
Critical Hdwy	6.8	6.9	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	265	684	-	-	958	-
Stage 1	496	-	-	-	-	-
Stage 2	725	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	264	684	-	-	958	-
Mov Cap-2 Maneuver	382	-	-	-	-	-
Stage 1	496	-	-	-	-	-
Stage 2	721	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	13.64	0	0.06
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	382	684	958	-
HCM Lane V/C Ratio	-	-	0.033	0.006	0.004	-
HCM Ctrl Dly (s/v)	-	-	14.8	10.3	8.8	-
HCM Lane LOS	-	-	B	B	A	-
HCM 95th %tile Q(veh)	-	-	0.1	0	0	-

Intersection	
Int Delay, s/veh	1.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	0	0	9	6	0	1	5	57	5	1	48	0
Future Vol, veh/h	0	0	9	6	0	1	5	57	5	1	48	0
Conflicting Peds, #/hr	0	0	1	1	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	86	86	86	86	86	86	86	86	86	86	86	86
Heavy Vehicles, %	0	0	0	0	0	0	0	3	0	100	0	0
Mvmt Flow	0	0	10	7	0	1	6	66	6	1	56	0

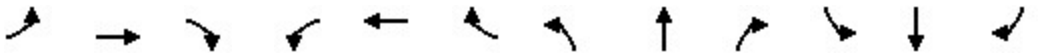
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	136	142	57	140	139	69	56	0	0	72	0	0
Stage 1	58	58	-	81	81	-	-	-	-	-	-	-
Stage 2	78	84	-	59	58	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	5.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	3.1	-	-
Pot Cap-1 Maneuver	840	753	1015	835	756	999	1562	-	-	1081	-	-
Stage 1	959	850	-	933	832	-	-	-	-	-	-	-
Stage 2	936	829	-	958	850	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	835	749	1014	821	752	999	1562	-	-	1081	-	-
Mov Cap-2 Maneuver	835	749	-	821	752	-	-	-	-	-	-	-
Stage 1	958	849	-	929	828	-	-	-	-	-	-	-
Stage 2	931	826	-	946	849	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	8.59	9.31	0.55	0.17
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	132	-	-	1014	843	37	-	-
HCM Lane V/C Ratio	0.004	-	-	0.01	0.01	0.001	-	-
HCM Ctrl Dly (s/v)	7.3	0	-	8.6	9.3	8.3	0	-
HCM Lane LOS	A	A	-	A	A	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0	0	0	-	-

Capacity Analysis Summary Sheets

Year 2032 Total Projected Weekday Morning Peak Hour



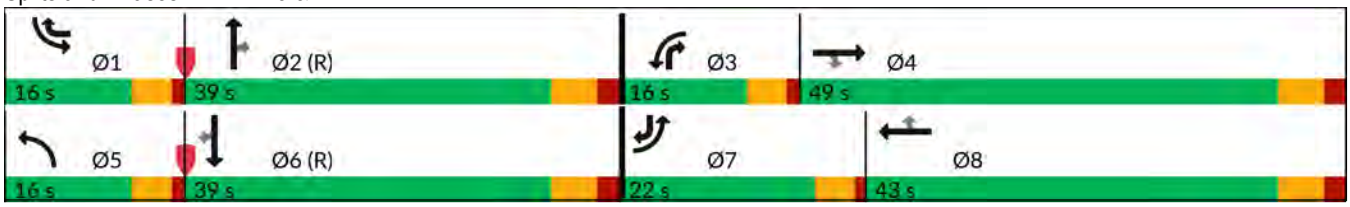
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	194	616	350	166	480	88	166	406	111	149	478	124
Future Volume (vph)	194	616	350	166	480	88	166	406	111	149	478	124
Ideal Flow (vphpl)	1900	2000	1900	1900	2000	1900	1900	2000	1900	1900	2000	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		425	150		150	260		205	245		160
Storage Lanes	2		1	2		1	2		1	2		1
Taper Length (ft)	245			180			85			290		
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00
Ped Bike Factor												
Frt			0.850			0.850			0.850			0.850
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	3400	3689	1599	3400	3725	1553	3433	3551	1538	3433	3762	1568
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	3400	3689	1599	3400	3725	1553	3433	3551	1538	3433	3762	1568
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		40			40			45			45	
Link Distance (ft)		1535			4285			2024			1123	
Travel Time (s)		26.2			73.0			30.7			17.0	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	3%	3%	1%	3%	2%	4%	2%	7%	5%	2%	1%	3%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	204	648	368	175	505	93	175	427	117	157	503	131
Turn Type	Prot	NA	Perm	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	7	4		3	8	1	5	2	3	1	6	7
Permitted Phases			4			8			2			6
Detector Phase	7	4	4	3	8	1	5	2	3	1	6	7
Switch Phase												
Minimum Initial (s)	3.0	15.0	15.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	7.5	21.0	21.0	7.5	21.0	7.5	7.5	21.0	7.5	7.5	21.0	7.5
Total Split (s)	22.0	49.0	49.0	16.0	43.0	16.0	16.0	39.0	16.0	16.0	39.0	22.0
Total Split (%)	18.3%	40.8%	40.8%	13.3%	35.8%	13.3%	13.3%	32.5%	13.3%	13.3%	32.5%	18.3%
Yellow Time (s)	3.5	4.0	4.0	3.5	4.0	3.5	3.5	4.0	3.5	3.5	4.0	3.5
All-Red Time (s)	1.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	4.5	6.0	6.0	4.5	6.0	4.5	4.5	6.0	4.5	4.5	6.0	4.5
Lead/Lag	Lead	Lag	Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	None	None	None	None	None	C-Min	None	None	C-Min	None
Act Effct Green (s)	12.5	44.3	44.3	10.7	42.5	58.7	10.5	33.8	50.5	10.2	33.5	52.0
Actuated g/C Ratio	0.10	0.37	0.37	0.09	0.35	0.49	0.09	0.28	0.42	0.09	0.28	0.43

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.58	0.48	0.62	0.58	0.38	0.12	0.58	0.43	0.18	0.54	0.48	0.19
Control Delay (s/veh)	57.6	30.4	36.7	62.0	31.0	16.0	60.5	37.6	23.4	59.4	38.6	22.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	57.6	30.4	36.7	62.0	31.0	16.0	60.5	37.6	23.4	59.4	38.6	22.3
LOS	E	C	D	E	C	B	E	D	C	E	D	C
Approach Delay (s/veh)		36.8			36.2			40.9			40.0	
Approach LOS		D			D			D			D	
Queue Length 50th (ft)	80	196	224	72	117	31	69	157	61	61	181	68
Queue Length 95th (ft)	118	266	348	108	230	71	107	204	101	97	227	103
Internal Link Dist (ft)		1455			4205			1944			1043	
Turn Bay Length (ft)	155		425	150		150	260		205	245		160
Base Capacity (vph)	495	1396	605	328	1322	776	328	1051	658	328	1111	744
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.41	0.46	0.61	0.53	0.38	0.12	0.53	0.41	0.18	0.48	0.45	0.18

Intersection Summary

Area Type: Other
Cycle Length: 120
Actuated Cycle Length: 120
Offset: 13 (11%), Referenced to phase 2:NBT and 6:SBT, Start of 1st Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.62
Intersection Signal Delay (s/veh): 38.2 Intersection LOS: D
Intersection Capacity Utilization 55.7% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 1: IL 43 & IL 22



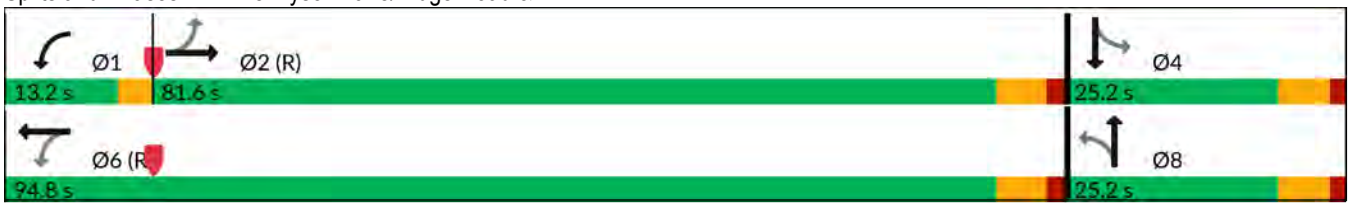
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	27	836	13	8	691	22	15	2	12	23	2	41
Future Volume (vph)	27	836	13	8	691	22	15	2	12	23	2	41
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		0	165		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	200			170			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor												
Frt		0.998			0.995			0.943			0.916	
Flt Protected	0.950			0.950				0.975			0.983	
Satd. Flow (prot)	1583	3495	0	1597	3524	0	0	1631	0	0	1592	0
Flt Permitted	0.367			0.300				0.829			0.872	
Satd. Flow (perm)	612	3495	0	504	3524	0	0	1386	0	0	1412	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		2			7			13			43	
Link Speed (mph)		40			40			25			25	
Link Distance (ft)		4285			2042			839			1799	
Travel Time (s)		73.0			34.8			22.9			49.1	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	14%	3%	8%	13%	2%	0%	0%	0%	17%	0%	0%	12%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	28	894	0	8	750	0	0	31	0	0	69	0
Turn Type	Perm	NA		pm+pt	NA		Perm	NA		Perm	NA	
Protected Phases		2		1	6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		1	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		3.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	21.0	21.0		6.0	21.0		14.0	14.0		14.0	14.0	
Total Split (s)	81.6	81.6		13.2	94.8		25.2	25.2		25.2	25.2	
Total Split (%)	68.0%	68.0%		11.0%	79.0%		21.0%	21.0%		21.0%	21.0%	
Yellow Time (s)	4.5	4.5		3.0	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		0.0	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	6.0	6.0		3.0	6.0			6.0			6.0	
Lead/Lag	Lag	Lag		Lead								
Lead-Lag Optimize?	Yes	Yes		Yes								
Recall Mode	C-Min	C-Min		None	C-Min		None	None		None	None	
Act Effct Green (s)	99.9	99.9		103.5	101.7			10.3			10.3	
Actuated g/C Ratio	0.83	0.83		0.86	0.85			0.09			0.09	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.06	0.31		0.02	0.25			0.24			0.43	
Control Delay (s/veh)	4.2	4.2		2.1	2.7			38.0			31.8	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay (s/veh)	4.2	4.2		2.1	2.7			38.0			31.8	
LOS	A	A		A	A			D			C	
Approach Delay (s/veh)		4.2			2.7			38.0			31.8	
Approach LOS		A			A			D			C	
Queue Length 50th (ft)	1	6		1	54			13			19	
Queue Length 95th (ft)	m34	328		4	90			43			64	
Internal Link Dist (ft)		4205			1962			759			1719	
Turn Bay Length (ft)	155			165								
Base Capacity (vph)	509	2910		527	2987			232			262	
Starvation Cap Reductn	0	0		0	0			0			0	
Spillback Cap Reductn	0	0		0	0			0			0	
Storage Cap Reductn	0	0		0	0			0			0	
Reduced v/c Ratio	0.06	0.31		0.02	0.25			0.13			0.26	

Intersection Summary			
Area Type:	Other		
Cycle Length: 120			
Actuated Cycle Length: 120			
Offset: 51.6 (43%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green			
Natural Cycle: 45			
Control Type: Actuated-Coordinated			
Maximum v/c Ratio: 0.43			
Intersection Signal Delay (s/veh): 5.2		Intersection LOS: A	
Intersection Capacity Utilization 40.2%		ICU Level of Service A	
Analysis Period (min) 15			

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: Tennyson Lane/Ridge Road & IL 22



Intersection	
Int Delay, s/veh	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	2	25	658	9	37	957
Future Vol, veh/h	2	25	658	9	37	957
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	-	-	95	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	93	93	93	93	93	93
Heavy Vehicles, %	0	17	5	0	0	1
Mvmt Flow	2	27	708	10	40	1029

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1306	359	0	0	717	0
Stage 1	712	-	-	-	-	-
Stage 2	594	-	-	-	-	-
Critical Hdwy	6.8	7.24	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.47	-	-	2.2	-
Pot Cap-1 Maneuver	154	597	-	-	893	-
Stage 1	452	-	-	-	-	-
Stage 2	520	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	147	597	-	-	893	-
Mov Cap-2 Maneuver	283	-	-	-	-	-
Stage 1	452	-	-	-	-	-
Stage 2	497	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	11.8	0	0.34
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	283	597	893	-
HCM Lane V/C Ratio	-	-	0.008	0.045	0.045	-
HCM Ctrl Dly (s/v)	-	-	17.8	11.3	9.2	-
HCM Lane LOS	-	-	C	B	A	-
HCM 95th %tile Q(veh)	-	-	0	0.1	0.1	-

Intersection	
Int Delay, s/veh	1.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	24	53	614	50	125	834
Future Vol, veh/h	24	53	614	50	125	834
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	155	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	0	0	5	3	0	1
Mvmt Flow	26	58	675	55	137	916

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1435	365	0	0	730	0
Stage 1	702	-	-	-	-	-
Stage 2	733	-	-	-	-	-
Critical Hdwy	6.8	6.9	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	127	638	-	-	884	-
Stage 1	458	-	-	-	-	-
Stage 2	442	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	107	638	-	-	884	-
Mov Cap-2 Maneuver	236	-	-	-	-	-
Stage 1	458	-	-	-	-	-
Stage 2	373	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	14.63	0	1.28
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	236	638	884	-
HCM Lane V/C Ratio	-	-	0.112	0.091	0.155	-
HCM Ctrl Dly (s/v)	-	-	22.2	11.2	9.8	-
HCM Lane LOS	-	-	C	B	A	-
HCM 95th %tile Q(veh)	-	-	0.4	0.3	0.5	-

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	2	0	8	8	0	0	3	41	7	0	50	2
Future Vol, veh/h	2	0	8	8	0	0	3	41	7	0	50	2
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	82	82	82	82	82	82	82	82	82	82	82	82
Heavy Vehicles, %	0	0	0	0	0	0	0	3	0	0	0	50
Mvmt Flow	2	0	10	10	0	0	4	50	9	0	61	2

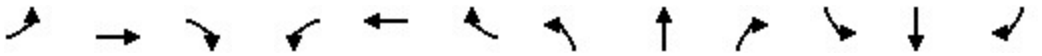
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	120	128	62	123	125	54	63	0	0	59	0	0
Stage 1	62	62	-	62	62	-	-	-	-	-	-	-
Stage 2	57	66	-	61	63	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	861	766	1008	857	769	1018	1552	-	-	1558	-	-
Stage 1	954	847	-	955	848	-	-	-	-	-	-	-
Stage 2	960	844	-	955	846	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	859	764	1008	846	767	1018	1552	-	-	1558	-	-
Mov Cap-2 Maneuver	859	764	-	846	767	-	-	-	-	-	-	-
Stage 1	954	847	-	952	845	-	-	-	-	-	-	-
Stage 2	957	842	-	946	846	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	8.74	9.3	0.43	0
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	103	-	-	974	846	1558	-	-
HCM Lane V/C Ratio	0.002	-	-	0.013	0.012	-	-	-
HCM Ctrl Dly (s/v)	7.3	0	-	8.7	9.3	0	-	-
HCM Lane LOS	A	A	-	A	A	A	-	-
HCM 95th %tile Q(veh)	0	-	-	0	0	0	-	-

Capacity Analysis Summary Sheets

Year 2032 Total Projected Weekday Evening Peak Hour



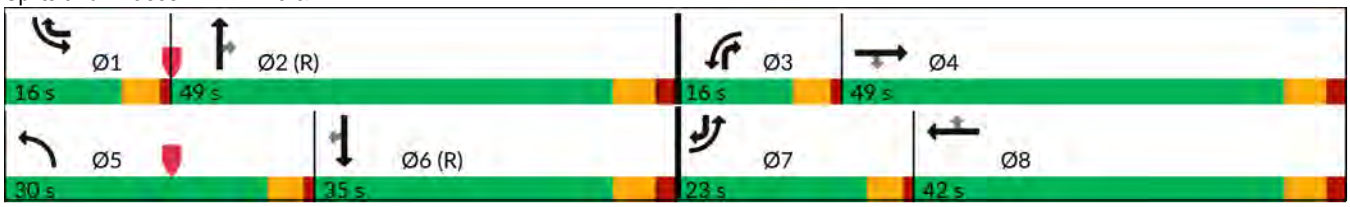
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	168	530	193	171	562	145	314	500	194	163	514	185
Future Volume (vph)	168	530	193	171	562	145	314	500	194	163	514	185
Ideal Flow (vphpl)	1900	2000	1900	1900	2000	1900	1900	2000	1900	1900	2000	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		425	150		150	260		205	245		160
Storage Lanes	2		1	2		1	2		1	2		1
Taper Length (ft)	245			180			85			290		
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00
Ped Bike Factor												
Frt			0.850			0.850			0.850			0.850
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	3467	3762	1583	3502	3762	1599	3467	3800	1615	3502	3800	1615
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	3467	3762	1583	3502	3762	1599	3467	3800	1615	3502	3800	1615
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		40			40			45			45	
Link Distance (ft)		1535			4285			2024			1123	
Travel Time (s)		26.2			73.0			30.7			17.0	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	1%	1%	2%	0%	1%	1%	1%	0%	0%	0%	0%	0%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	179	564	205	182	598	154	334	532	206	173	547	197
Turn Type	Prot	NA	Perm	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	7	4		3	8	1	5	2	3	1	6	7
Permitted Phases			4			8			2			6
Detector Phase	7	4	4	3	8	1	5	2	3	1	6	7
Switch Phase												
Minimum Initial (s)	3.0	15.0	15.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	7.5	21.0	21.0	7.5	21.0	7.5	7.5	21.0	7.5	7.5	21.0	7.5
Total Split (s)	23.0	49.0	49.0	16.0	42.0	16.0	30.0	49.0	16.0	16.0	35.0	23.0
Total Split (%)	17.7%	37.7%	37.7%	12.3%	32.3%	12.3%	23.1%	37.7%	12.3%	12.3%	26.9%	17.7%
Yellow Time (s)	3.5	4.0	4.0	3.5	4.0	3.5	3.5	4.0	3.5	3.5	4.0	3.5
All-Red Time (s)	1.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	4.5	6.0	6.0	4.5	6.0	4.5	4.5	6.0	4.5	4.5	6.0	4.5
Lead/Lag	Lead	Lag	Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	None	None	None	None	None	C-Min	None	None	C-Min	None
Act Effct Green (s)	12.0	38.4	38.4	10.8	37.2	53.9	17.8	49.1	65.9	10.7	42.0	60.0
Actuated g/C Ratio	0.09	0.30	0.30	0.08	0.29	0.41	0.14	0.38	0.51	0.08	0.32	0.46

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.56	0.51	0.44	0.63	0.56	0.23	0.71	0.37	0.25	0.60	0.45	0.26
Control Delay (s/veh)	62.9	39.0	39.3	70.1	38.6	22.9	61.8	31.7	20.6	66.5	38.2	24.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	62.9	39.0	39.3	70.1	38.6	22.9	61.8	31.7	20.6	66.5	38.2	24.4
LOS	E	D	D	E	D	C	E	C	C	E	D	C
Approach Delay (s/veh)		43.6			42.1			38.9			40.6	
Approach LOS		D			D			D			D	
Queue Length 50th (ft)	76	199	136	79	217	78	141	182	103	73	202	107
Queue Length 95th (ft)	112	253	208	118	228	112	186	236	161	112	274	171
Internal Link Dist (ft)		1455			4205			1944			1043	
Turn Bay Length (ft)	155		425	150		150	260		205	245		160
Base Capacity (vph)	493	1244	523	309	1123	673	680	1433	826	310	1228	826
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.36	0.45	0.39	0.59	0.53	0.23	0.49	0.37	0.25	0.56	0.45	0.24

Intersection Summary

Area Type: Other
Cycle Length: 130
Actuated Cycle Length: 130
Offset: 5 (4%), Referenced to phase 2:NBT and 6:SBT, Start of 1st Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.71
Intersection Signal Delay (s/veh): 41.2 Intersection LOS: D
Intersection Capacity Utilization 59.5% ICU Level of Service B
Analysis Period (min) 15

Splits and Phases: 1: IL 43 & IL 22



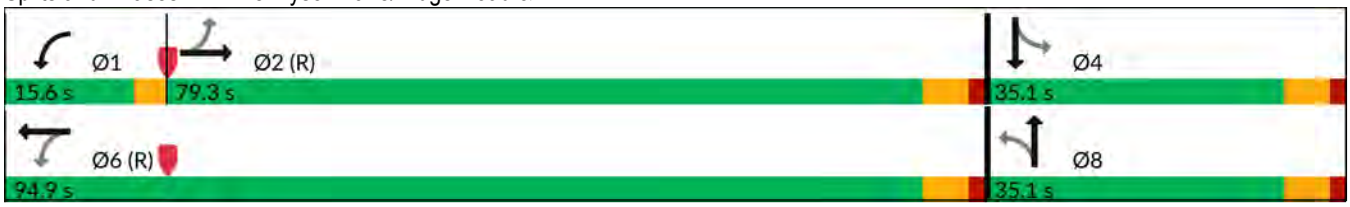
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	63	809	15	5	840	29	15	2	7	14	3	36
Future Volume (vph)	63	809	15	5	840	29	15	2	7	14	3	36
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		0	165		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	200			170			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor												
Frt		0.997			0.995			0.958			0.908	
Flt Protected	0.950			0.950				0.970			0.987	
Satd. Flow (prot)	1703	3564	0	1805	3558	0	0	1766	0	0	1584	0
Flt Permitted	0.303			0.302				0.833			0.902	
Satd. Flow (perm)	543	3564	0	574	3558	0	0	1516	0	0	1447	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		2			6			8			39	
Link Speed (mph)		40			40			25			25	
Link Distance (ft)		4285			2042			839			1799	
Travel Time (s)		73.0			34.8			22.9			49.1	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	6%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	11%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	68	895	0	5	945	0	0	26	0	0	57	0
Turn Type	Perm	NA		pm+pt	NA		Perm	NA		Perm	NA	
Protected Phases		2		1	6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		1	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		3.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	21.0	21.0		6.0	21.0		14.0	14.0		14.0	14.0	
Total Split (s)	79.3	79.3		15.6	94.9		35.1	35.1		35.1	35.1	
Total Split (%)	61.0%	61.0%		12.0%	73.0%		27.0%	27.0%		27.0%	27.0%	
Yellow Time (s)	4.5	4.5		3.0	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		0.0	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	6.0	6.0		3.0	6.0			6.0			6.0	
Lead/Lag	Lag	Lag		Lead								
Lead-Lag Optimize?	Yes	Yes		Yes								
Recall Mode	C-Min	C-Min		None	C-Min		None	None		None	None	
Act Effct Green (s)	110.4	110.4		114.0	112.2			9.8			9.8	
Actuated g/C Ratio	0.85	0.85		0.88	0.86			0.08			0.08	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.15	0.30		0.01	0.31			0.21			0.39	
Control Delay (s/veh)	3.3	2.6		1.8	2.6			46.4			32.4	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay (s/veh)	3.3	2.6		1.8	2.6			46.4			32.4	
LOS	A	A		A	A			D			C	
Approach Delay (s/veh)		2.7			2.6			46.4			32.4	
Approach LOS		A			A			D			C	
Queue Length 50th (ft)	2	12		1	70			15			15	
Queue Length 95th (ft)	m63	276		3	111			44			57	
Internal Link Dist (ft)		4205			1962			759			1719	
Turn Bay Length (ft)	155			165								
Base Capacity (vph)	461	3027		622	3070			345			354	
Starvation Cap Reductn	0	0		0	0			0			0	
Spillback Cap Reductn	0	0		0	0			0			0	
Storage Cap Reductn	0	0		0	0			0			0	
Reduced v/c Ratio	0.15	0.30		0.01	0.31			0.08			0.16	

Intersection Summary			
Area Type:	Other		
Cycle Length: 130			
Actuated Cycle Length: 130			
Offset: 49.4 (38%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green			
Natural Cycle: 45			
Control Type: Actuated-Coordinated			
Maximum v/c Ratio: 0.39			
Intersection Signal Delay (s/veh): 4.0		Intersection LOS: A	
Intersection Capacity Utilization 58.3%		ICU Level of Service B	
Analysis Period (min) 15			

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: Tennyson Lane/Ridge Road & IL 22



Intersection	
Int Delay, s/veh	0.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	6	38	970	3	33	845
Future Vol, veh/h	6	38	970	3	33	845
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	-	-	95	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	0	5	1	0	0	1
Mvmt Flow	7	43	1102	3	38	960

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1659	553	0	0	1106	0
Stage 1	1104	-	-	-	-	-
Stage 2	555	-	-	-	-	-
Critical Hdwy	6.8	7	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.35	-	-	2.2	-
Pot Cap-1 Maneuver	90	469	-	-	639	-
Stage 1	283	-	-	-	-	-
Stage 2	544	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	85	469	-	-	639	-
Mov Cap-2 Maneuver	201	-	-	-	-	-
Stage 1	283	-	-	-	-	-
Stage 2	512	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	14.82	0	0.41
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	201	469	639	-
HCM Lane V/C Ratio	-	-	0.034	0.092	0.059	-
HCM Ctrl Dly (s/v)	-	-	23.5	13.4	11	-
HCM Lane LOS	-	-	C	B	B	-
HCM 95th %tile Q(veh)	-	-	0.1	0.3	0.2	-

Intersection	
Int Delay, s/veh	1.6

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	38	98	875	16	57	794
Future Vol, veh/h	38	98	875	16	57	794
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	155	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	0	0	1	0	0	1
Mvmt Flow	44	114	1017	19	66	923

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1621	518	0	0	1036	0
Stage 1	1027	-	-	-	-	-
Stage 2	594	-	-	-	-	-
Critical Hdwy	6.8	6.9	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	96	508	-	-	679	-
Stage 1	311	-	-	-	-	-
Stage 2	520	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	86	508	-	-	679	-
Mov Cap-2 Maneuver	208	-	-	-	-	-
Stage 1	311	-	-	-	-	-
Stage 2	469	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	17.7	0	0.73
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	208	508	679	-
HCM Lane V/C Ratio	-	-	0.212	0.224	0.098	-
HCM Ctrl Dly (s/v)	-	-	26.9	14.1	10.9	-
HCM Lane LOS	-	-	D	B	B	-
HCM 95th %tile Q(veh)	-	-	0.8	0.9	0.3	-

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	2	0	5	8	0	0	11	77	6	0	40	2
Future Vol, veh/h	2	0	5	8	0	0	11	77	6	0	40	2
Conflicting Peds, #/hr	0	0	1	1	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	71	71	71	71	71	71	71	71	71	71	71	71
Heavy Vehicles, %	0	0	0	0	0	0	0	1	0	0	0	0
Mvmt Flow	3	0	7	11	0	0	15	108	8	0	56	3

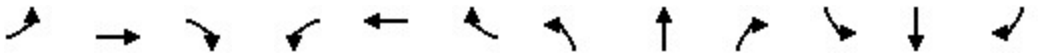
Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	197	206	59	201	203	113	59	0	0	117	0	0
Stage 1	58	58	-	144	144	-	-	-	-	-	-	-
Stage 2	139	148	-	57	59	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	766	694	1013	762	697	946	1558	-	-	1484	-	-
Stage 1	959	851	-	864	782	-	-	-	-	-	-	-
Stage 2	868	779	-	960	850	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	758	687	1012	748	690	946	1558	-	-	1484	-	-
Mov Cap-2 Maneuver	758	687	-	748	690	-	-	-	-	-	-	-
Stage 1	959	851	-	855	774	-	-	-	-	-	-	-
Stage 2	859	770	-	952	850	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	8.94	9.89	0.86	0
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	208	-	-	923	748	1484	-	-
HCM Lane V/C Ratio	0.01	-	-	0.011	0.015	-	-	-
HCM Ctrl Dly (s/v)	7.3	0	-	8.9	9.9	0	-	-
HCM Lane LOS	A	A	-	A	A	A	-	-
HCM 95th %tile Q(veh)	0	-	-	0	0	0	-	-

Capacity Analysis Summary Sheets

Year 2032 Total Projected Saturday Midday Peak Hour



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	135	419	173	119	467	167	186	333	149	227	335	104
Future Volume (vph)	135	419	173	119	467	167	186	333	149	227	335	104
Ideal Flow (vphpl)	1900	2000	1900	1900	2000	1900	1900	2000	1900	1900	2000	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		425	150		150	260		205	245		160
Storage Lanes	2		1	2		1	2		1	2		1
Taper Length (ft)	245			180			85			290		
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00
Ped Bike Factor												
Frt			0.850			0.850			0.850			0.850
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	3467	3762	1599	3467	3725	1615	3467	3762	1599	3502	3800	1583
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	3467	3762	1599	3467	3725	1615	3467	3762	1599	3502	3800	1583
Right Turn on Red			No			No			No			No
Satd. Flow (RTOR)												
Link Speed (mph)		40			40			45			45	
Link Distance (ft)		1535			4285			2024			1123	
Travel Time (s)		26.2			73.0			30.7			17.0	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	1%	1%	1%	1%	2%	0%	1%	1%	1%	0%	0%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	138	428	177	121	477	170	190	340	152	232	342	106
Turn Type	Prot	NA	Perm	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	7	4		3	8	1	5	2	3	1	6	7
Permitted Phases			4			8			2			6
Detector Phase	7	4	4	3	8	1	5	2	3	1	6	7
Switch Phase												
Minimum Initial (s)	3.0	15.0	15.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	7.5	21.0	21.0	7.5	21.0	7.5	7.5	21.0	7.5	7.5	21.0	7.5
Total Split (s)	21.0	35.0	35.0	17.0	31.0	15.0	18.0	28.0	17.0	15.0	25.0	21.0
Total Split (%)	22.1%	36.8%	36.8%	17.9%	32.6%	15.8%	18.9%	29.5%	17.9%	15.8%	26.3%	22.1%
Yellow Time (s)	3.5	4.0	4.0	3.5	4.0	3.5	3.5	4.0	3.5	3.5	4.0	3.5
All-Red Time (s)	1.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	4.5	6.0	6.0	4.5	6.0	4.5	4.5	6.0	4.5	4.5	6.0	4.5
Lead/Lag	Lead	Lag	Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	None	None	None	None	None	C-Min	None	None	C-Min	None
Act Effct Green (s)	9.1	26.4	26.4	8.7	26.0	42.2	10.5	28.7	43.4	10.2	28.4	43.5
Actuated g/C Ratio	0.10	0.28	0.28	0.09	0.27	0.44	0.11	0.30	0.46	0.11	0.30	0.46

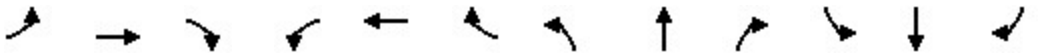
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.42	0.41	0.40	0.38	0.47	0.24	0.50	0.30	0.21	0.62	0.30	0.15
Control Delay (s/veh)	43.9	28.5	29.6	43.7	29.7	16.2	43.9	28.2	18.1	48.0	28.9	17.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	43.9	28.5	29.6	43.7	29.7	16.2	43.9	28.2	18.1	48.0	28.9	17.9
LOS	D	C	C	D	C	B	D	C	B	D	C	B
Approach Delay (s/veh)		31.6			28.9			30.3			33.7	
Approach LOS		C			C			C			C	
Queue Length 50th (ft)	41	109	86	36	125	59	57	86	56	69	84	37
Queue Length 95th (ft)	69	145	140	62	165	97	88	134	103	108	138	79
Internal Link Dist (ft)		1455			4205			1944			1043	
Turn Bay Length (ft)	155		425	150		150	260		205	245		160
Base Capacity (vph)	602	1183	503	456	1085	725	492	1135	794	394	1137	848
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.23	0.36	0.35	0.27	0.44	0.23	0.39	0.30	0.19	0.59	0.30	0.13

Intersection Summary

Area Type: Other
Cycle Length: 95
Actuated Cycle Length: 95
Offset: 83 (87%), Referenced to phase 2:NBT and 6:SBT, Start of 1st Green
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.62
Intersection Signal Delay (s/veh): 31.1 Intersection LOS: C
Intersection Capacity Utilization 52.8% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 1: IL 43 & IL 22



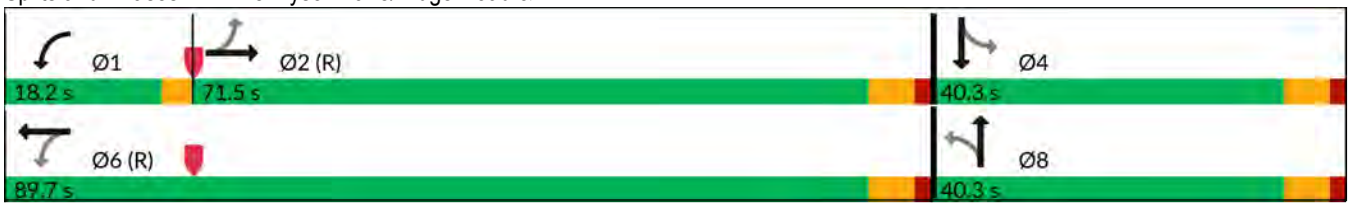


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	42	734	19	6	710	27	18	2	12	26	2	39
Future Volume (vph)	42	734	19	6	710	27	18	2	12	26	2	39
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	155		0	165		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	200			170			25			25		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor	0.99				1.00							
Frt		0.996			0.995			0.950			0.922	
Flt Protected	0.950			0.950				0.972			0.981	
Satd. Flow (prot)	1641	3591	0	1543	3548	0	0	1706	0	0	1606	0
Flt Permitted	0.343			0.320				0.776			0.856	
Satd. Flow (perm)	589	3591	0	520	3548	0	0	1362	0	0	1402	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		3			6			13			43	
Link Speed (mph)		40			40			25			25	
Link Distance (ft)		4285			2042			839			1799	
Travel Time (s)		73.0			34.8			22.9			49.1	
Confl. Peds. (#/hr)	16					16						
Confl. Bikes (#/hr)												
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	10%	0%	5%	17%	1%	4%	0%	50%	0%	0%	0%	12%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	47	837	0	7	819	0	0	35	0	0	74	0
Turn Type	Perm	NA		pm+pt	NA		Perm	NA		Perm	NA	
Protected Phases		2		1	6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		1	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		3.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	21.0	21.0		6.0	21.0		14.0	14.0		14.0	14.0	
Total Split (s)	71.5	71.5		18.2	89.7		40.3	40.3		40.3	40.3	
Total Split (%)	55.0%	55.0%		14.0%	69.0%		31.0%	31.0%		31.0%	31.0%	
Yellow Time (s)	4.5	4.5		3.0	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		0.0	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0			0.0			0.0	
Total Lost Time (s)	6.0	6.0		3.0	6.0			6.0			6.0	
Lead/Lag	Lag	Lag		Lead								
Lead-Lag Optimize?	Yes	Yes		Yes								
Recall Mode	C-Min	C-Min		None	C-Min		None	None		None	None	
Act Effct Green (s)	109.4	109.4		113.0	111.2			10.8			10.8	
Actuated g/C Ratio	0.84	0.84		0.87	0.86			0.08			0.08	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
v/c Ratio	0.09	0.28		0.01	0.27			0.28			0.48	
Control Delay (s/veh)	4.1	3.5		2.0	2.7			44.1			37.2	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay (s/veh)	4.1	3.5		2.0	2.7			44.1			37.2	
LOS	A	A		A	A			D			D	
Approach Delay (s/veh)		3.5			2.7			44.1			37.2	
Approach LOS		A			A			D			D	
Queue Length 50th (ft)	6	64		1	63			25			25	
Queue Length 95th (ft)	26	148		4	103			71			73	
Internal Link Dist (ft)		4205			1962			759			1719	
Turn Bay Length (ft)	155			165								
Base Capacity (vph)	495	3023		571	3035			368			401	
Starvation Cap Reductn	0	0		0	0			0			0	
Spillback Cap Reductn	0	0		0	0			0			0	
Storage Cap Reductn	0	0		0	0			0			0	
Reduced v/c Ratio	0.09	0.28		0.01	0.27			0.10			0.18	

Intersection Summary			
Area Type:	Other		
Cycle Length: 130			
Actuated Cycle Length: 130			
Offset: 100.1 (77%), Referenced to phase 2:EBTL and 6:WBTL, Start of Green			
Natural Cycle: 45			
Control Type: Actuated-Coordinated			
Maximum v/c Ratio: 0.48			
Intersection Signal Delay (s/veh): 5.3		Intersection LOS: A	
Intersection Capacity Utilization 51.6%		ICU Level of Service A	
Analysis Period (min) 15			

Splits and Phases: 2: Tennyson Lane/Ridge Road & IL 22



Intersection	
Int Delay, s/veh	0.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	8	31	637	2	27	600
Future Vol, veh/h	8	31	637	2	27	600
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	-	-	95	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	8	1	0	0	1
Mvmt Flow	9	33	678	2	29	638

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1055	340	0	0	680	0
Stage 1	679	-	-	-	-	-
Stage 2	377	-	-	-	-	-
Critical Hdwy	6.8	7.06	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.38	-	-	2.2	-
Pot Cap-1 Maneuver	224	639	-	-	922	-
Stage 1	471	-	-	-	-	-
Stage 2	670	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	217	639	-	-	922	-
Mov Cap-2 Maneuver	344	-	-	-	-	-
Stage 1	471	-	-	-	-	-
Stage 2	649	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	11.92	0	0.39
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	344	639	922	-
HCM Lane V/C Ratio	-	-	0.025	0.052	0.031	-
HCM Ctrl Dly (s/v)	-	-	15.7	10.9	9	-
HCM Lane LOS	-	-	C	B	A	-
HCM 95th %tile Q(veh)	-	-	0.1	0.2	0.1	-

Intersection	
Int Delay, s/veh	1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	26	45	594	17	45	563
Future Vol, veh/h	26	45	594	17	45	563
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	-	155	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	0	1	0	0	1
Mvmt Flow	28	48	632	18	48	599

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1036	325	0	0	650	0
Stage 1	641	-	-	-	-	-
Stage 2	395	-	-	-	-	-
Critical Hdwy	6.8	6.9	-	-	4.1	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2	-
Pot Cap-1 Maneuver	231	677	-	-	946	-
Stage 1	492	-	-	-	-	-
Stage 2	655	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	219	677	-	-	946	-
Mov Cap-2 Maneuver	348	-	-	-	-	-
Stage 1	492	-	-	-	-	-
Stage 2	622	-	-	-	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	12.74	0	0.67
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	348	677	946	-
HCM Lane V/C Ratio	-	-	0.079	0.071	0.051	-
HCM Ctrl Dly (s/v)	-	-	16.2	10.7	9	-
HCM Lane LOS	-	-	C	B	A	-
HCM 95th %tile Q(veh)	-	-	0.3	0.2	0.2	-

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	0	0	9	10	0	1	5	57	9	1	48	0
Future Vol, veh/h	0	0	9	10	0	1	5	57	9	1	48	0
Conflicting Peds, #/hr	0	0	1	1	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	86	86	86	86	86	86	86	86	86	86	86	86
Heavy Vehicles, %	0	0	0	0	0	0	0	3	0	100	0	0
Mvmt Flow	0	0	10	12	0	1	6	66	10	1	56	0

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	136	147	57	142	141	72	56	0	0	77	0	0
Stage 1	58	58	-	83	83	-	-	-	-	-	-	-
Stage 2	78	88	-	59	58	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	5.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	3.1	-	-
Pot Cap-1 Maneuver	840	749	1015	832	754	996	1562	-	-	1076	-	-
Stage 1	959	850	-	930	830	-	-	-	-	-	-	-
Stage 2	936	826	-	958	850	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	835	745	1014	818	750	996	1562	-	-	1076	-	-
Mov Cap-2 Maneuver	835	745	-	818	750	-	-	-	-	-	-	-
Stage 1	958	849	-	926	827	-	-	-	-	-	-	-
Stage 2	931	822	-	946	849	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	8.59	9.39	0.52	0.17
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	123	-	-	1014	832	37	-	-
HCM Lane V/C Ratio	0.004	-	-	0.01	0.015	0.001	-	-
HCM Ctrl Dly (s/v)	7.3	0	-	8.6	9.4	8.3	0	-
HCM Lane LOS	A	A	-	A	A	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0	0	0	-	-

Champions Point

Economic Impact Brief for Highland Park City Council

Project Overview

Champions Point is a proposed museum and architectural tour experience at 2700 Point Lane in Highland Park. The concept combines guided tours of a 37,700 square foot mansion with immersive exhibits designed to inspire visitors to reflect on achievement, personal growth, and the pursuit of excellence.

Projected Annual Visitation

Based on comparable attractions such as Graceland, Paisley Park, and Cheekwood Estate, Champions Point is projected to attract approximately 108,000 to 180,000 visitors annually, or about 300 to 500 visitors per day.

Direct Economic Activity

Visitors are expected to spend an average of approximately $125 per visit including admission and optional experiences. This would generate between $13.5 million and $22.5 million in annual direct economic activity from Champions Point operations.

Local Economic Benefits

Approximately 25 percent of visitors are expected to visit restaurants, shops, coffee shops, gas stations, and hotels in Highland Park before or after visiting Champions Point, generating additional spending within the community.

Key Economic Metrics	Estimated Annual Impact
Total Economic Activity	$18.3M to $28.1M
Total Jobs Supported	39 to 43
Total Earnings in Local Economy	$2.5M to $2.7M
Direct Jobs at Champions Point	28
Additional Local Spending	$0.8M to $1.4M

Direct Community Contributions

Champions Point proposes to contribute 5 percent of ticket revenue to both the City of Highland Park and the Park District of Highland Park through a payment in lieu of tax structure. Each entity is estimated to receive approximately $405,000 to $675,000 annually. Additional commitments include partnerships with local businesses and hosting six annual fundraising events for nonprofit organizations.

Summary

Champions Point has the potential to become a regional cultural destination that attracts visitors to Highland Park, supports local businesses, creates jobs, and generates meaningful annual financial contributions to the City and Park District.



Champions Point Economic Impact Study

Highland Park City Council Meeting

March 30, 2026

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VISION
ECONOMICS
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FINANCE
IMPLEMENTATION

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01 PROJECT VISION

- Champions Point will be a structured, timed, and deeply reflective museum experience with two components:
  1. **Architectural tours** of 2700 Point Lane, a 37,700 SF mansion.
  2. **Museum of Greatness**, where guests will move through a series of curated environments, each engineered to elicit specific internal shifts, ranging from rigorous self-evaluation and radical honesty to the development of empathy and personal growth.
- The ambiance of the property combined with curated exhibits will help inspire and guide visitors how to achieve greatness in their own life and follow a “champion’s path”
- With a controlled pace and flow of the visit, the program ensures that the property remains a sanctuary for deep thought, transforming a simple walk-through into a profound psychological experience.



ECONOMIC IMPACT METHODOLOGY

Economic impact would come from both direct development and ripple-effect visitation on Highland Park

- SB Friedman was retained by Champions Point LLC, to evaluate the economic impact of a new Champion's Point vision on the City of Highland Park. SB Friedman projected the economic impact based on the following analytical approach.
  - Estimating visitation to the museum based on comparable museum concepts
  - Estimating visitor trips and associated spending in Highland Park before and after the museum
  - Direct revenues, employment and earnings impact at Champions Point
  - Multiplier impact of visitor spending and economic activity at Champion's Point
  - Revenue sharing with the Park District of Highland Park and City of Highland Park
- SB Friedman relied on various third-party data sources to inform key assumptions and analyses, including:
  - Placer.ai
  - Lightcast
  - Independently prepared visitation projections
  - Other publicly available data sources

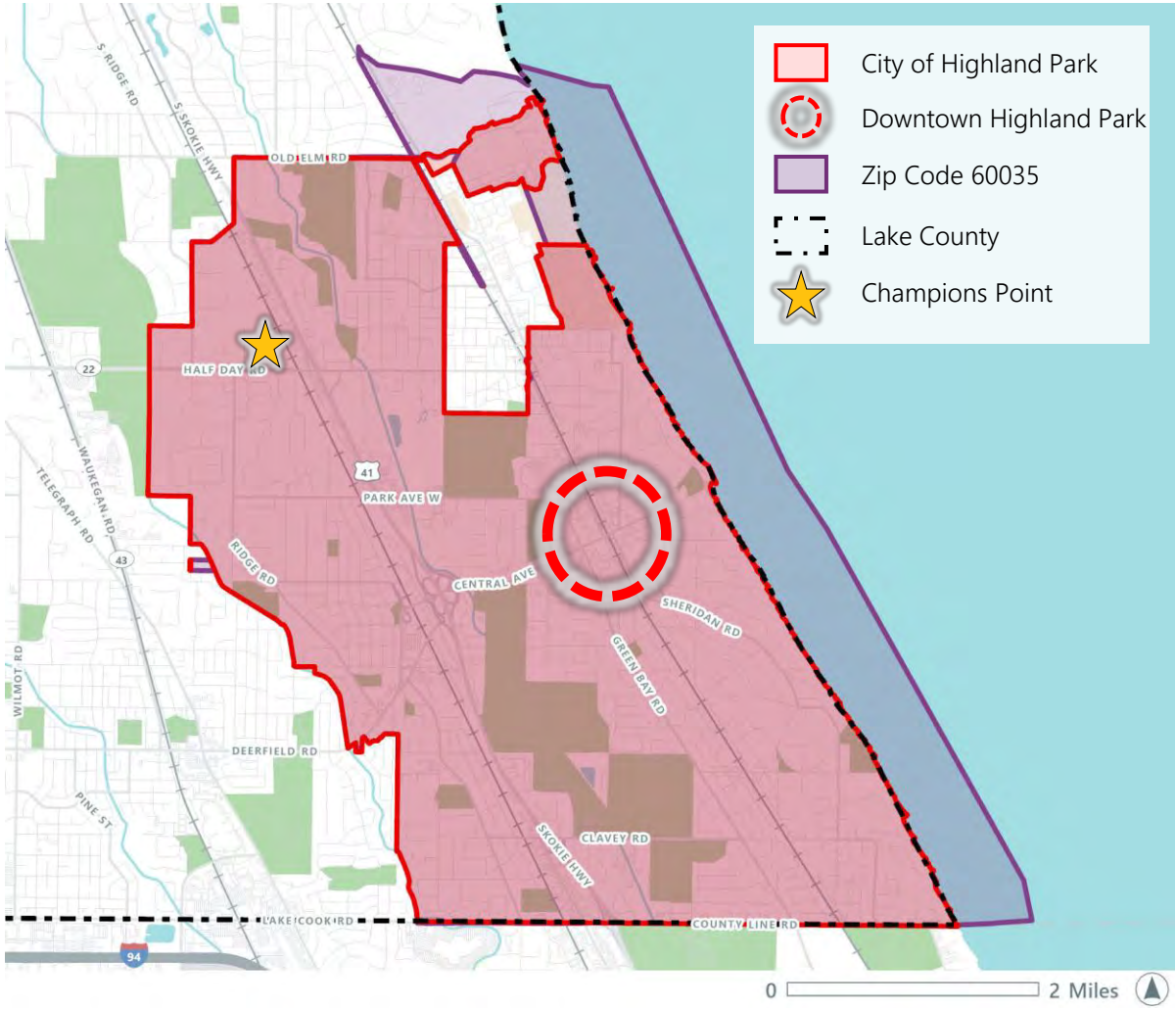


Source: Google, SB Friedman

ECONOMIC IMPACT AREA

SB Friedman used zip code 60035 as a proxy for the City of Highland Park to analyze economic impact

- Champions Point is located within both the City of Highland Park (the "City") and zip code 60035
- Zip code 60035 is largely coterminous with the City's borders, with the addition of portions of Fort Sheridan, just north of the City's boundary.
- SB Friedman utilized Placer.ai, which provides insight on total visits, visit duration, visitor activity and other data based on aggregated and anonymized cell phone location data. SB Friedman analyzed this data for a series of comparable museums across the nation in terms of economic impact within the zip code of each museum.
- Since secondary visitation data (pre and post visit) is not available at the municipal level, zip code level analysis was then applied to zip code 60035 and used as a proxy for the City of Highland Park.



Source: Esri, Lake County, SB Friedman, US Census Bureau



02 VISITATION ANALYSIS

VISITATION ANALYSIS METHODOLOGY

The visitation impact of comparable museums provides insight to Champions Point's impact

SB Friedman took the following approach to estimate direct and indirect economic impact from visitation:

- Identify comparable museums nationally by typology
- Determine area of economic impact analysis for Champions Point
- Analyze visitation trends of comparable museums
- Identify an estimate of the share of visits to spending destinations by the number of visits that precede or succeed visit to museum
- Estimate Champions Point's impact on Highland Park



COMPARABLE ATTRACTIONS

SB Friedman identified comparable attractions across the country that attracted similar audiences. These attractions include architectural interests, former celebrity homes, and niche museums. While no comparable project mixes all of these criteria, the various types of attractions provide a basis to compare visitation trends with the potential visitation to Champions Point. Comparable attractions were categorized as **architectural interest**, **celebrity home** and **niche museum**.

1 **Cheekwood Estate & Gardens** – Nashville, TN



181,000 Visits, (Base Ticket: $29)

A 30,000 SF mansion and botanical gardens adjoining 3,100 acres of preserved park land. Attractions include the architecturally significant main house, gardens and arboretum and art museum hosting world-class art exhibitions.

2 **Cranbrook House & Gardens** – Bloomfield Hills, MI



82,000 Visits in 2025 (Base Ticket: $15)

Designed by Albert Khan, the 30,000 SF house and gardens attracts architectural and landscape enthusiasts. The estate includes the National Register of Historic Places-registered mansion and surrounding gardens, as well as a school and an art museum on the large campus.

3 **Paisley Park** – Chanhassen, MN



64,000 Visits in 2025 (Base Ticket: $75)

The artist Prince lived and produced music at Paisley Park, located just outside Minneapolis. Today his home and studio are open for tours, concerts and cultural events.

4 **Graceland Campus** – Memphis, TN



451,000 Visits in 2025 (Base Ticket: $85)

Graceland's prime attraction is Graceland House, the home and gardens of Elvis Presley. Additional attractions on site include a small concert venue, museum of Elvis Presley, car museum, exhibition center and dining options.

5 **The Ringling** – Sarasota, FL



154,000 Visits in 2025 (Base Ticket: $45)

Ca d' Zan, the opulent mansion and home of circus owner John Ringling, is the center piece of a campus of museums and gardens. Besides tours of the architecturally significant home, visitors enjoy an art museum, circus museum, and performance theater.

VISITS TO COMPARABLE ATTRACTIONS

Champions Point may draw from 300 to 500 visitors per day on average based on comparable attractions

- Comparable attractions ranged from as low as 64,000 annual visits (Paisley Park) to as high as 450,000 annual visits (Graceland) in 2025. Base entry price ranged from $15 (Cranbrook) to $85 (Graceland). Based on the mix of attraction types, attraction size and base ticket price, SB Friedman estimated Champions Point could achieve between 300 and 500 average visits per day, or 108,000 to 180,000 visits per year.
- Champions Point separately engaged Immerse Agency, a marketing and event consultant, to estimate average annual attendance. Immerse Agency determined average visits could be as high as 177,000 annually, or an average of 490 per operating day.

	Attraction Name	Metro Location	Attraction Type(s)	Size	Base Ticket Price	Total Annual Visits	Operating Days/Year	Average Daily Visits
1	Cheekwood *Estate & Gardens*	Nashville, TN	Architectural Interest	30,000 SF house 55-acre estate	$29	181,000	312	581
2	Cranbrook *House & Gardens*	Detroit, MI *Bloomfield Hills*	Architectural Interest	30,000 SF house	$15	82,000	360	227
3	Paisley Park *Prince's House*	Minneapolis, MN *Chanhassen*	Celeb House	65,000 SF house & studio	$75	64,000	260	248
4	Graceland *Elvis Presley's House & Campus*	Memphis, TN	Celeb House	17,000 SF house 13-acre estate	$85	451,000	360	1,253
5	The Ringling *House & Museum*	Tampa, FL *Sarasota*	Architectural Interest and Niche Museum	36,000 SF house 53,000 SF museum 66-acre estate	$45	154,000	360	428
★	**Champions Point**	**Chicago, IL** ***Highland Park***	**Architectural Interest, Celeb House, Niche Museum**	**37,700 SF house**	**$75**	**108,000 – 180,000**	**360**	**300-500**

Source: Cheekwood, Cranbrook, Graceland, Paisley Park, Placer.ai, The Ringling, SB Friedman

SECONDARY VISITATION

25% of visits to Champions Point may result in visits to Highland Park businesses before or after

- The share of total visits to comparable attractions that also included visits to spending destinations in the same zip code ranged from around 4% (Cranbrook) to as high as 39% (Graceland) based on data from Placer.ai. Additionally, Champions Point intends to prioritize partnerships with Highland Park vendors and provide visitors with marketing materials that highlight Highland Park shops, entertainment, restaurants and other businesses. This could include working with local business owners to structure discounts or coupons and providing shuttle service to downtown Highland Park.
- Based on this review of comparable attractions and the focus of Champions Point on promoting Highland Park businesses, SB Friedman estimated that approximately 25% of visits to Champions Point could include visits to spending destinations in Highland Park before or after the attraction. This would yield 27,000 to 45,000 annual visits. To spending destinations within Highland Park because of the proposed museum.

	Attraction Name	Metro Location	Zip	Total Annual Visits	Pre/Post Visits to Spending Destinations in Zip	Visit Share to Spending Destination
1	Cheekwood *Estate & Gardens*	Nashville	37205	181,000	34,700	19%
2	Cranbrook *House & Gardens*	Detroit *Bloomfield Hills*	48304	82,000	3,400	4%
3	Paisley Park *Prince's House*	Minneapolis *Chanhassen*	55317	64,000	13,400	21%
4	Graceland *Elvis Presley's House & Campus*	Memphis	38116	451,000	177,500	39%
5	The Ringling *House & Museum*	Tampa *Sarasota*	34243	154,000	7,400	5%
★	**Champions Point**	**Chicago** ***Highland Park***	**60035**	**108,000 – 180,000**	**27,000 – 45,000**	**25%**

Source: Cheekwood, Cranbrook, Graceland, Paisley Park, The Ringling, SB Friedman

SECONDARY VISITATION BY SPENDING CATEGORY

Dining and gas stations represented the largest secondary visit spending among comparable attractions

- Among the visits to spending destinations for each attraction, gas stations and dining represented the most significant share of visits before or after the attraction.
- The anticipated mix of visitation by spending category for Champions Point was informed by both visitation trends of comparable attractions, as well as the proximity of spending locations near Champions Point and in downtown Highland Park. This includes two gas stations very near to Champions Point, the Courtyard Mariott hotel and a mix of various dining and shopping locations in downtown Highland Park

	Attraction Name	Metro Location	Share of Visitation to Spending Categories in Same Zip Code						Total Visit Share to Spending Destinations [1]
			Gas Station	Community Shopping	Quick-service Restaurants	Full-service Restaurants	Bakery/ Coffeeshop	Hotel	
1	Cheekwood *Estate & Gardens*	Nashville	7%	1%	5%	7%	1%	0%	**21%**
2	Cranbrook *House & Gardens*	Detroit *Bloomfield Hills*	1%	0%	0%	2%	0%	1%	**4%**
3	Paisley Park *Prince's House*	Minneapolis *Chanhassen*	3%	5%	7%	1%	1%	2%	**20%**
4	Graceland *Elvis Presley's House & Campus*	Memphis	18%	3%	6%	1%	2%	7%	**38%**
5	The Ringling *House & Museum*	Tampa *Sarasota*	1%	1%	1%	1%	0%	1%	**4%**
★	**Champions Point**	**Chicago *Highland Park***	**10%**	**2%**	**2%**	**8%**	**1%**	**2%**	**25%** [2]

[1] Totals may not match sum of subcategories due to rounding. The remaining share of visits either returned directly to home/work or visited destinations outside of the same zip code.
[2] Champions Point visitation shares are based on SB Friedman estimates.
Source: Placer.ai, SB Friedman

VISITOR SPENDING IN HIGHLAND PARK

Secondary visitor spending is likely to be largely driven by eating and drinking location

- Based on the number of visitors who are likely to visit spending destinations before or after visiting Champions Point, an approximation of visitor spending can be estimated by category.
- SB Friedman estimated an average per person spend to the share of visits by spending category to yield an estimate of pre/post visitor spending at both visitation thresholds (300 and 500/day average).
- Average spend for hotel room is based on the ADR of the Courtyard by Mariott hotel, assuming two persons per room.
- Full-service dining, gas stations and hotels are the largest contributors to secondary spending due to the combination of their share of pre/post visits and higher average spend per visit.

Spending Category	Expected Champions Point Mix	Expected Visits by Category	Anticipated Average Spend per Person per Visit	Annual Spending in Highland Park (300/Day Average Visits)	Annual Spending in Highland Park (500/Day Average Visits)
Gas Station	10%	10,800 – 18,000	$20	$216,000	$360,000
Community Shopping	2%	2,160 – 3,600	$25	$54,000	$90,000
Quick-service Restaurant	2%	2,160 – 3,600	$15	$32,400	$54,000
Full-service Restaurant	8%	8,640 – 14,400	$40	$345,600	$576,000
Bakery/Coffeeshop	1%	1,080 – 1,800	$10	$10,800	$18,000
Hotel	2%	2,160 – 3,600	$75 [1]	$162,000	$270,000
Total	**25%**	**27,000 – 45,000**	**$30**	**$820,800**	**$1,368,000**



[1] ADR of Courtyard by Mariott, Highland Park assuming 2 persons per room per night
Source: SB Friedman



03 MUSEUM OPERATIONS

DIRECT ECONOMIC ACTIVITY AT CHAMPIONS POINT

Champions Point visitors are expected to spend an average of $125 per visit

- Economic activity for the operations of Champions Point is based on the total annual attendance multiplied by the total average spend per visit.
- In addition to the base ticket price of $75, most visitors will likely purchase one or more add-on experiences such as photography, putting green usage and time playing basketball. This increases the average visitor spend to approximately $125 per visit.
- At either 300 or 500 average annual visits per day, the annual economic activity of Champions Point's operations alone could range from $13.5M to $22.5M.

Annual Economic Activity at Champion Point	
Base Ticket Price	$75
Add-on Experiences Spend per Person	$50
Average Visitor Spending at Champion's Point	$125
Annual Attendance	108,000-180,000
Direct Economic Activity from Operations	**$13.5 -22.5 M**



$13.5 – 22.5M

Direct Economic Activity

Revenues generated directly from the project, depending on visitation

Source: Champions Point

DIRECT JOBS AND EARNINGS AT CHAMPIONS POINT

Champions Point is expected to directly employ 28 people generating $1.9M in earnings

- Champions Point estimates approximately 28 jobs are needed for baseline operations, sufficient to support for both 300 or 500 average visits per day.
- These jobs include administrative jobs such as a director, marketing, administration and accounting staff, as well as technical jobs to handle daily operations and maintenance of the grounds such as security, tour guides and attendants.
- The earnings of these employees are anticipated to total approximately $1.9M annually, including benefits estimated at approximately 30% of salary.



28

Direct Jobs

Created directly by Champions Point



$1.9M

Direct Earnings

Paid directly to Champions Point employees

Source: Champions Point

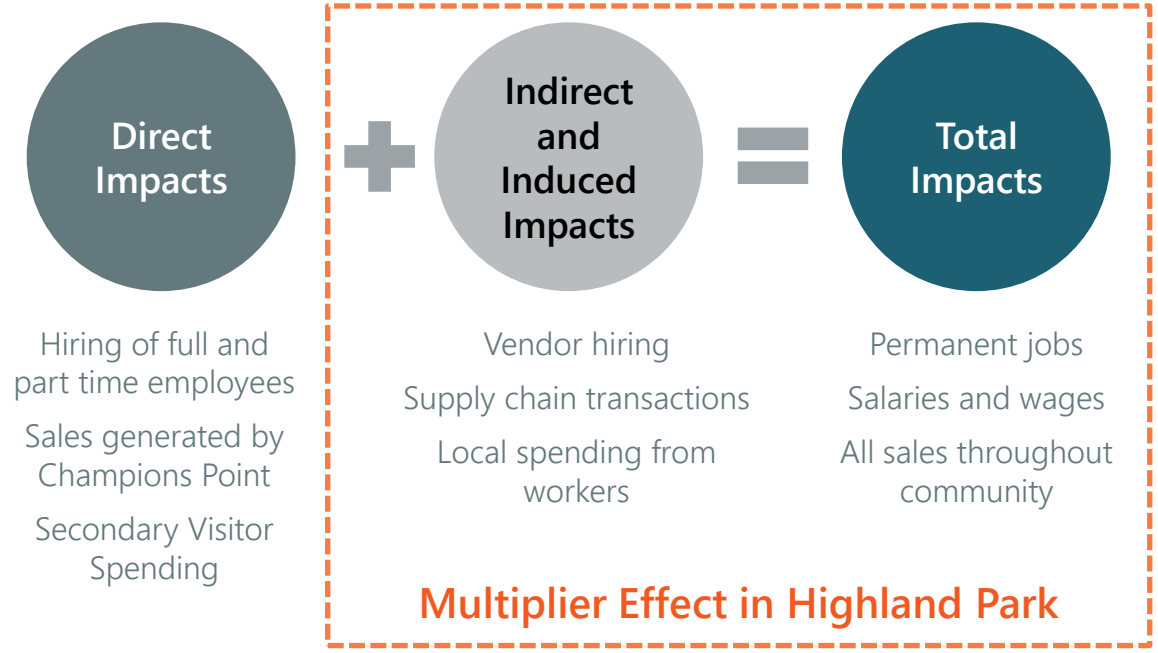


04 COMMUNITY BENEFIT

ECONOMIC MULTIPLIER EFFECT IN HIGHLAND PARK

SB Friedman considered direct and indirect economic impacts of Champions Point

- SB Friedman analyzed permanent sales and employment impacts from Champions Point in Highland Park.
- Direct impacts refer to jobs, wages and sales generated on site as part of the development. Indirect impacts refer to broader economic impacts occurring as a "ripple effect" of the Project's direct impacts throughout Highland Park.
- Direct impacts were estimated using information provided by the Developer. Indirect impacts were estimated at the Highland Park level using secondary sales impacts SB Friedman estimated based on Placer.ai data and Lightcast's input-output model[1], an economic impact assessment program. Data is reported at the zip code level, with zip code 60035 used as a proxy for Highland Park.
- The economic multiplier refers to the ratio between total and direct economic impacts.



[1] In this analysis, SB Friedman refers to "initial impacts" in Lightcast's input-output model as "direct impacts"; Lightcast's "direct", "indirect", and "induced" impacts are referred to as "indirect impacts".

COMBINED ECONOMIC ACTIVITY, JOBS AND EARNINGS

Secondary visit spending will increase economic activity, jobs and earnings impact of Champions Point

- The impact of visitor spending is multifaceted, with impact from the visitation to Champions Point and secondary visits, as well as the secondary impact of additional employment needed to satisfy those visits and the earnings paid to those employees. Impacts are both direct to the industry affected, as well as indirectly to the supply chains that serve those industries and the ripple effect of induced sales and employment to those industries.
- Lightcast provides an estimate of these multiplier impacts by NAICS code in the Highland Park zip code (60035) based on the direct anticipated economic activity, jobs and earnings to each industry.
- SB Friedman visitation and spending on economic activity, jobs and earnings at 300 and 500 average visits per day. The same number of staff would be required at both levels, however the increase in sales to Champions Point and secondary visitation categories results in larger impacts.

Impact Type	Champions Point Operations	Secondary Spending	Combined Total
Direct Economic Activity	$13.5 – 22.5M	$0.8 – 1.4M	$14.3M – 23.9M
Indirect & Induced Economic Activity	$3.8 – 3.9M	$0.2 – 0.4M	$4.0M – 4.3M
Total Economic Activity	**$17.3 – 26.4M**	**$1.0 – 1.7M**	**$18.3M – 28.1M**
Direct Jobs	28	6 – 10	34 – 38
Indirect & Induced Jobs	4	1 – 1	5
Total Jobs	**32**	**7 – 11**	**39 - 43**
Direct Earnings	$1.9M	$0.2 – 0.4M	$2.1M – 2.3M
Indirect & Induced Earnings	$336,000	$0.1 M	$0.4M
Total Earnings	**$2.2M**	**$0.3 – 0.5M**	**$2.5M – 2.7M**



$18.3M – 28.1M
Total Economic Activity



39-43
Total Jobs



$2.5M – 2.7M
Total Earnings

PARK DISTRICT & CITY CONTRIBUTION

5% of ticket sales will be conveyed to each the City and Park District

- Since the Champions Point site cannot accommodate the needed parking for visitors, a nearby site has been identified for parking accommodation. Visitors will then be shuttled to Heller Park, a large natural area abutting Champions Point. After being dropped off, visitors would travel through the nature preserve to enter Champions Point from the wooded edge of the property.
- Champions Point seeks to give back to the community and Park District of Highland Park. A portion of revenues (5% of base ticket sales) will be allocated to the Park District to augment Heller Park and its nature center. This 5% is in addition to any direct expenses that Champions Point may fund such as trail maintenance, supplemental trash pickup, assistance with snow removal, etc.
- Since the Champions Point is not subject to sales tax as an entertainment use, Champions Point is planning to levy a self tax on ticket sales using a PILOT structure which would be fully remitted to the City of Highland Park as an act of goodwill. This tax in lieu of sales tax is contemplated at 5% of base ticket sales, $75 per person.
- Additionally, Champions Point is intending to host six annual fundraisers for the benefit of area non-profits, half of which will be specifically allocated to non-profits based in Highland Park to support their work in the community.

Metric	300 – 500 Average Visits/Day
Annual Attendance	108,000 – 180,000
Base Ticket Price	$75
Base Ticket Sales	$8,100,000 - $13,500,000
Annual Contribution to Park District	5%
Ticket Sales to Park District	**$405,000 - $675,000**
Annual Contribution to City	5%
Ticket Sales to City	**$405,000 - $675,000**

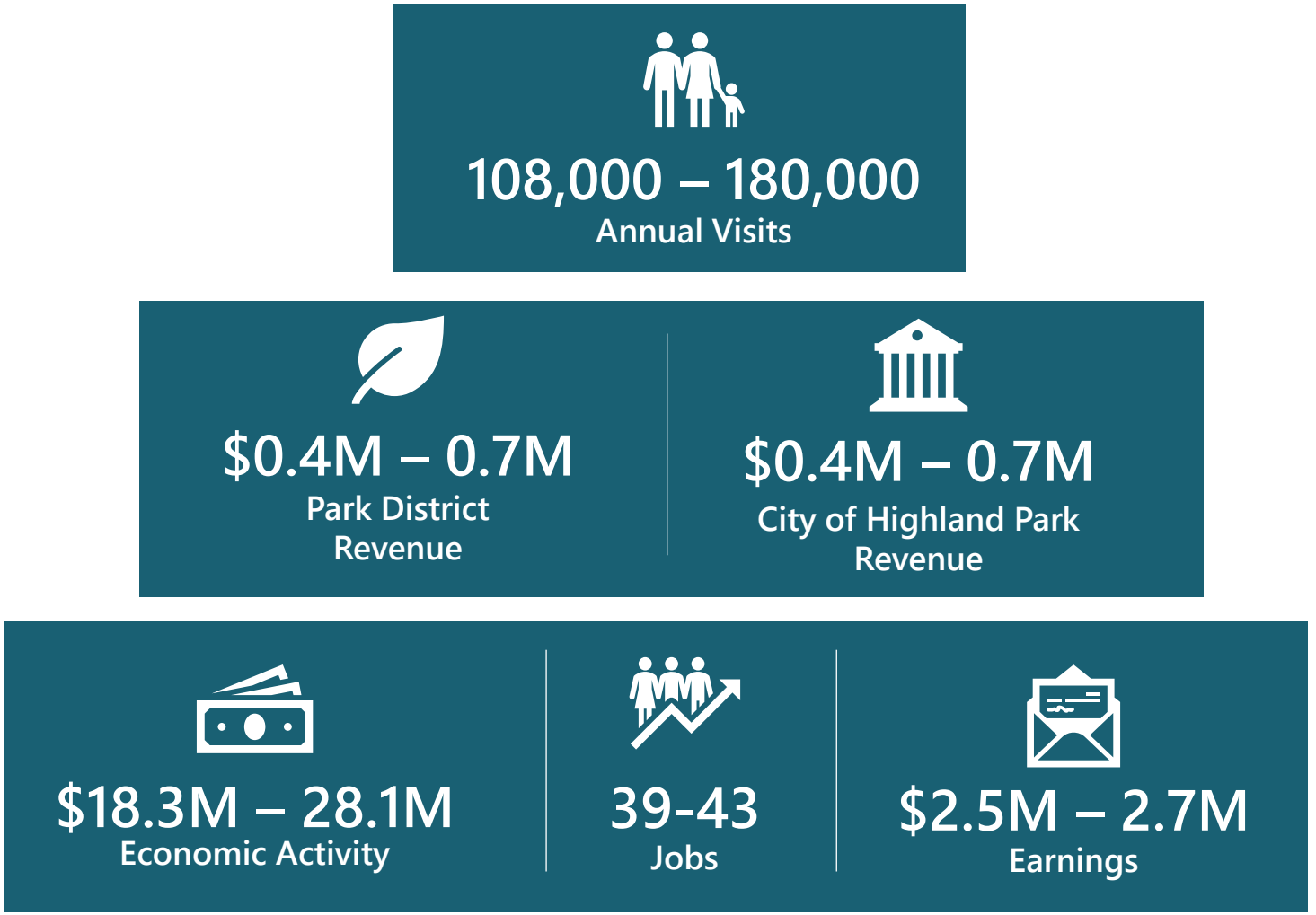
$0.4M – 0.7M
Park District Revenue

$0.4M – 0.7M
City of Highland Park Revenue

COMBINED ECONOMIC IMPACT POTENTIAL

Champions Point could have significant positive economic impact on Highland Park

- The economic impact of Champions Point is correlated to average visitor attendance, which may range from an annual average 300 – 500 visits per day and result in 108,000 to 180,000 visits per year. A significant portion of these visitors are expected to also visit other locations in Highland Park before or after.
- The overall impact on the local economy is multifaceted between direct economic activity, jobs and earnings generated from Champions Point as well as secondary visits in Highland Park.
- Additional revenue contributions to both the City of Highland Park and the Park District of Highland Park will further support the area.











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70 W Madison St, Suite 3700
Chicago, IL 60602
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VISION | ECONOMICS

MARKET ANALYSIS AND REAL ESTATE ECONOMICS

STRATEGY

DEVELOPMENT STRATEGY AND PLANNING

FINANCE | IMPLEMENTATION

PUBLIC-PRIVATE PARTNERSHIPS AND IMPLEMENTATION

Champions Point Access and Environmental Study

Executive Summary - Heller Nature Center Access Evaluation

Study Purpose and Access Plan

Visitor access between Heller Nature Center and Champions Point was evaluated to understand potential effects on trees, plants, wetlands, and wildlife. The preferred route uses the existing limestone aggregate trail system for most of the walk, with only a short connection near the museum property. The walking route is approximately 0.72 miles in total, including about 0.59 miles within Heller Nature Center.

Key Findings

Topic	Summary
Trees and woodland plants	Trees within the trail corridor were evaluated by a certified arborist within a 20-foot corridor on either side of the trail. The area forms part of a larger oak woodland savanna ecosystem containing species such as bur oak, red oak, white oak, and shagbark hickory, generally in fair to good condition. **Use of the existing aggregate trail is compatible with continued tree and woodland plant health provided visitors remain on the designated path and trail monitoring and maintenance continue. No tree removal is proposed on Heller Nature Center property.**
Wetlands and drainage	Two small wetlands and a drainageway occur within the broader project area. **Trail alignment can avoid wetland impacts, and overall hydrologic effects are expected to be minimal because most of the route follows the existing 8-foot trail footprint.**
Wildlife	Wildlife present in the area primarily consists of urban-adapted species already accustomed to nearby trails, human presence, highway noise, and railroad activity. **Additional pedestrian use is unlikely to significantly affect wildlife when visitors remain on designated paths and motorized vehicles and unleashed pets are not allowed on the trail.**
Plants and habitat	**Habitat disturbance is expected to be minimal because the preferred route relies on the existing trail system.** More sensitive alternate routes near neighboring homes, restricted prairie areas, and quaking aspen stands were avoided when selecting the route.

Use Levels and Expected Effects

Trail use is expected to occur on a daily basis throughout the year as part of museum operations, creating repeated daily, weekly, monthly, and seasonal pedestrian activity. With visitors remaining on the designated paths and routine maintenance practices in place, this level of use is expected to occur without substantial impacts to trees, plants, wetlands, or wildlife.

Recommended Management Measures

Recommended practices include regular trail inspections, culvert and drainage maintenance, stay-on-trail signage, continued invasive species management, restrictions on motorized vehicles and unleashed pets, and repair of erosion or trail wear if needed. Champions Point has also offered to assist with trail maintenance, litter removal, restroom support, and improvements to the pond overlook.

Overall Conclusion

The preferred access route through Heller Nature Center can accommodate the anticipated pedestrian activity with minimal environmental disturbance. The expected pattern of daily, weekly, monthly, and seasonal trail use should not cause substantial impacts to trees, plants, wetlands, or wildlife when visitors remain on the marked path and recommended management practices are followed.

CHAMPIONS POINT ACCESS AT HELLER NATURE CENTER

CHAMPIONS POINT AND THE MUSEUM OF GREATNESS

Champions Point LLC is transforming the property at 2700 Point Lane in Highland Park (Champions Point) into a Museum of Greatness (Museum). The property is directly south of the Heller Nature Center, bounded by the Union Pacific Railroad to the east, and four adjacent residential properties to the south and west.

Hey and Associates, Inc. (Hey) was retained to evaluate access to the property through Heller Nature Center as it pertains to potential environmental impacts, maintenance, and infrastructure needs. A brief overview of the qualifications of Hey staff who contributed to this report are given at the end of this report. Heller Nature Center is a 97-acre natural area managed by the Park District of Highland Park and includes prairie, oak woodlands, a pond and wetlands, several miles of unpaved trails, and a nature center with associated parking lot and programming spaces. As part of the access analysis, Hey evaluated the existing trail system and potential routes to Champions Point, performed a preliminary wetland assessment along the proposed route, evaluated potential impacts to existing trees in the immediate vicinity of the proposed path, and assessed potential impacts to wildlife from the proposed project.

This report outlines access considerations and anticipated environmental impacts, and recommends potential improvements to accommodate future access.

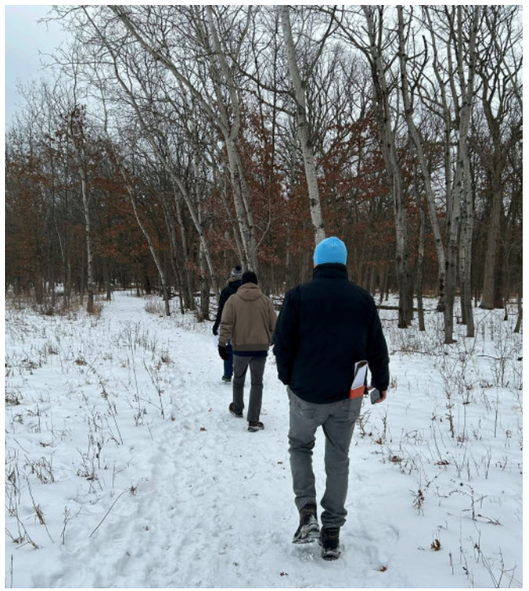
PROPOSED MUSEUM HOURS

MAY - OCTOBER

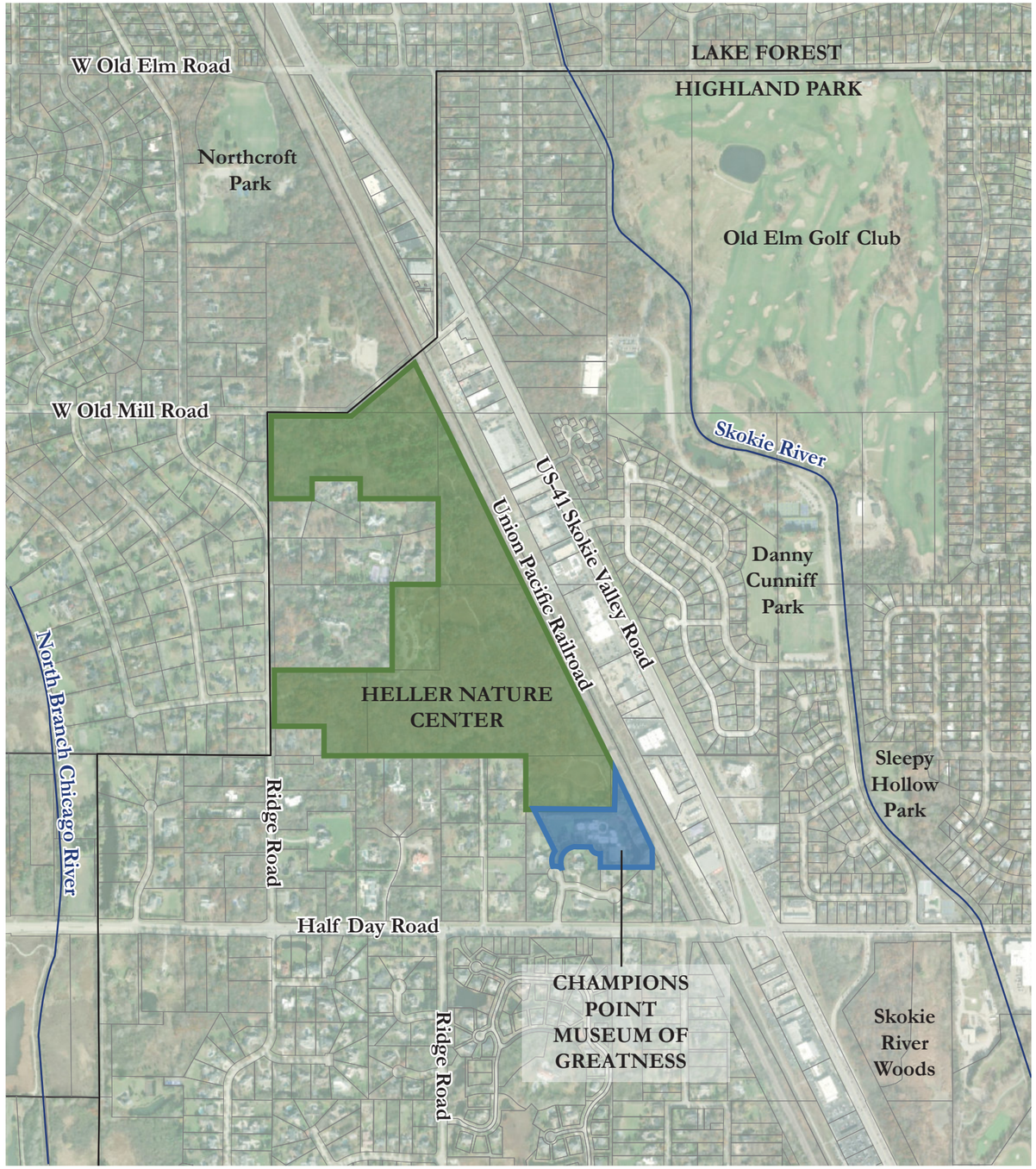
Seven days a week
9:00 AM - 7:00 PM

NOVEMBER - APRIL

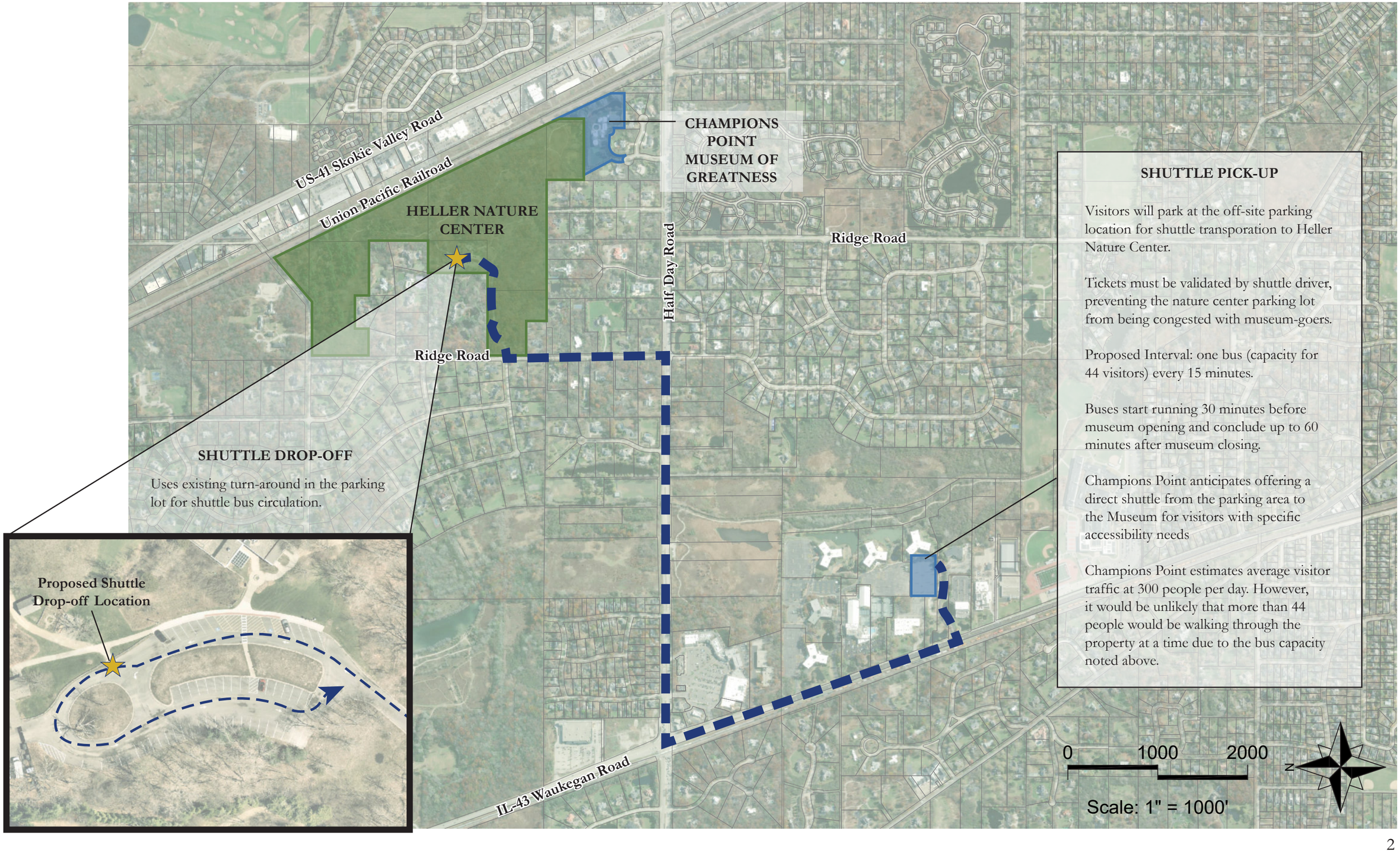
Seven days a week
9:00 AM - 5:00 PM



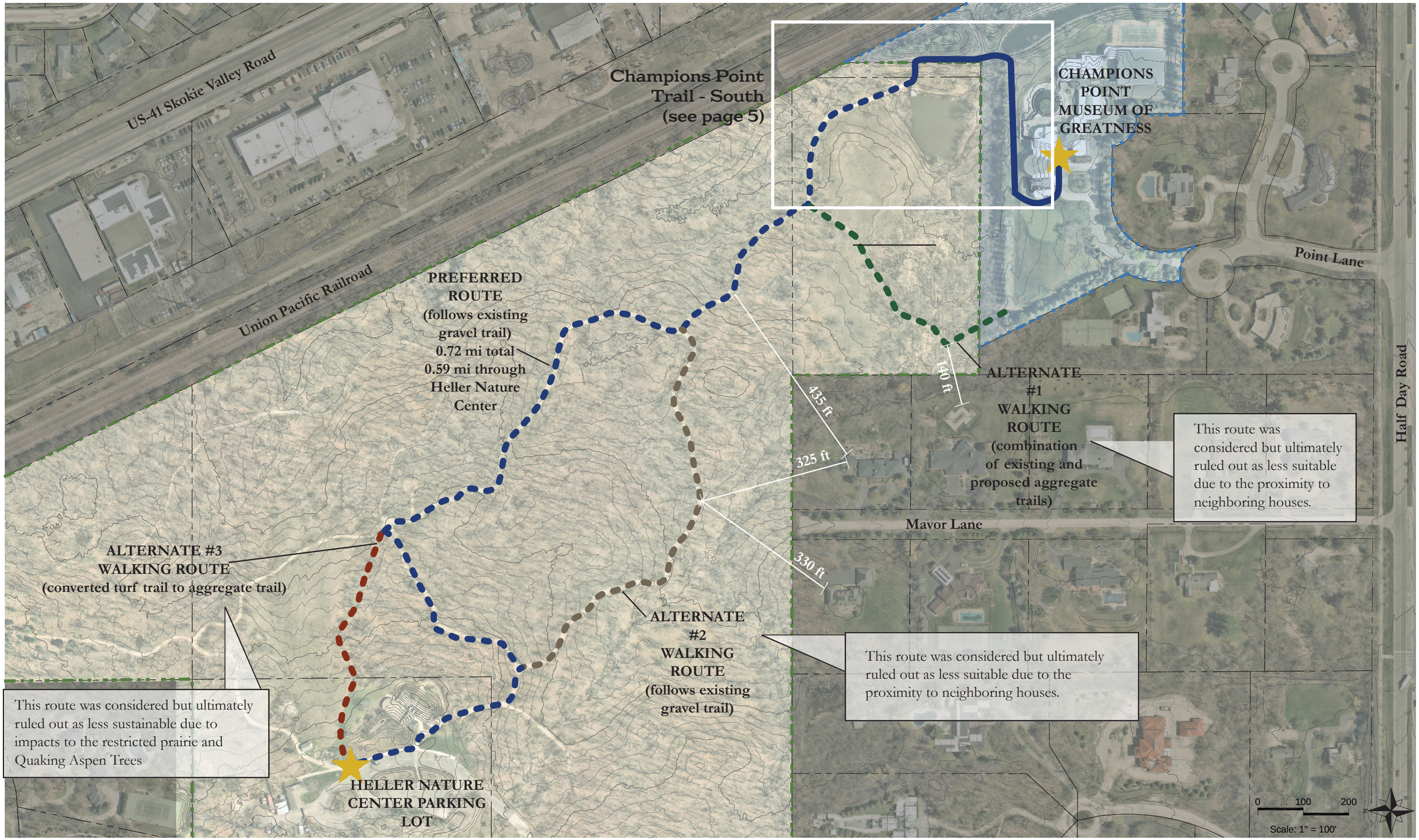
Existing grass trail at Heller Nature Center



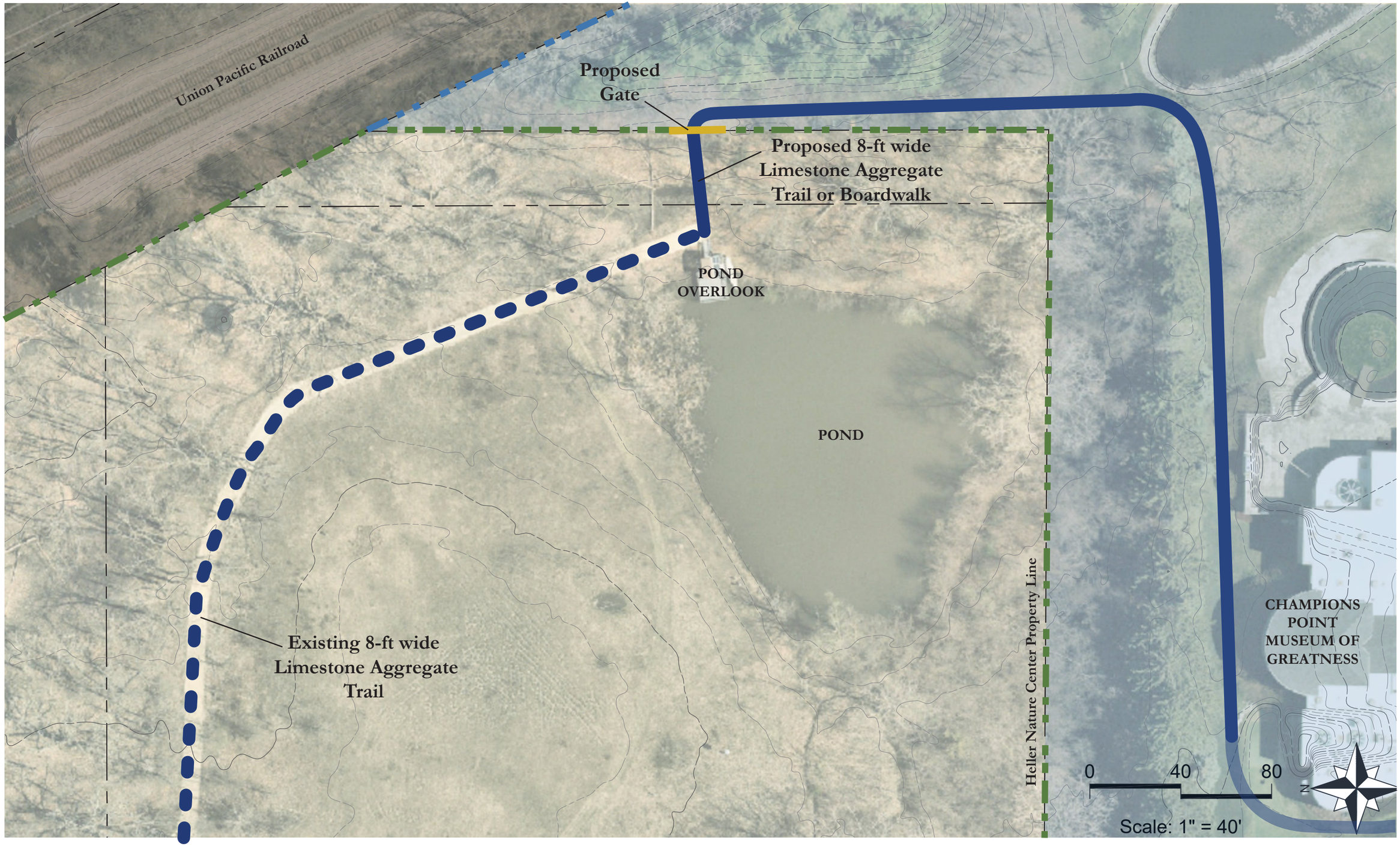
GETTING PEOPLE TO HELLER NATURE CENTER



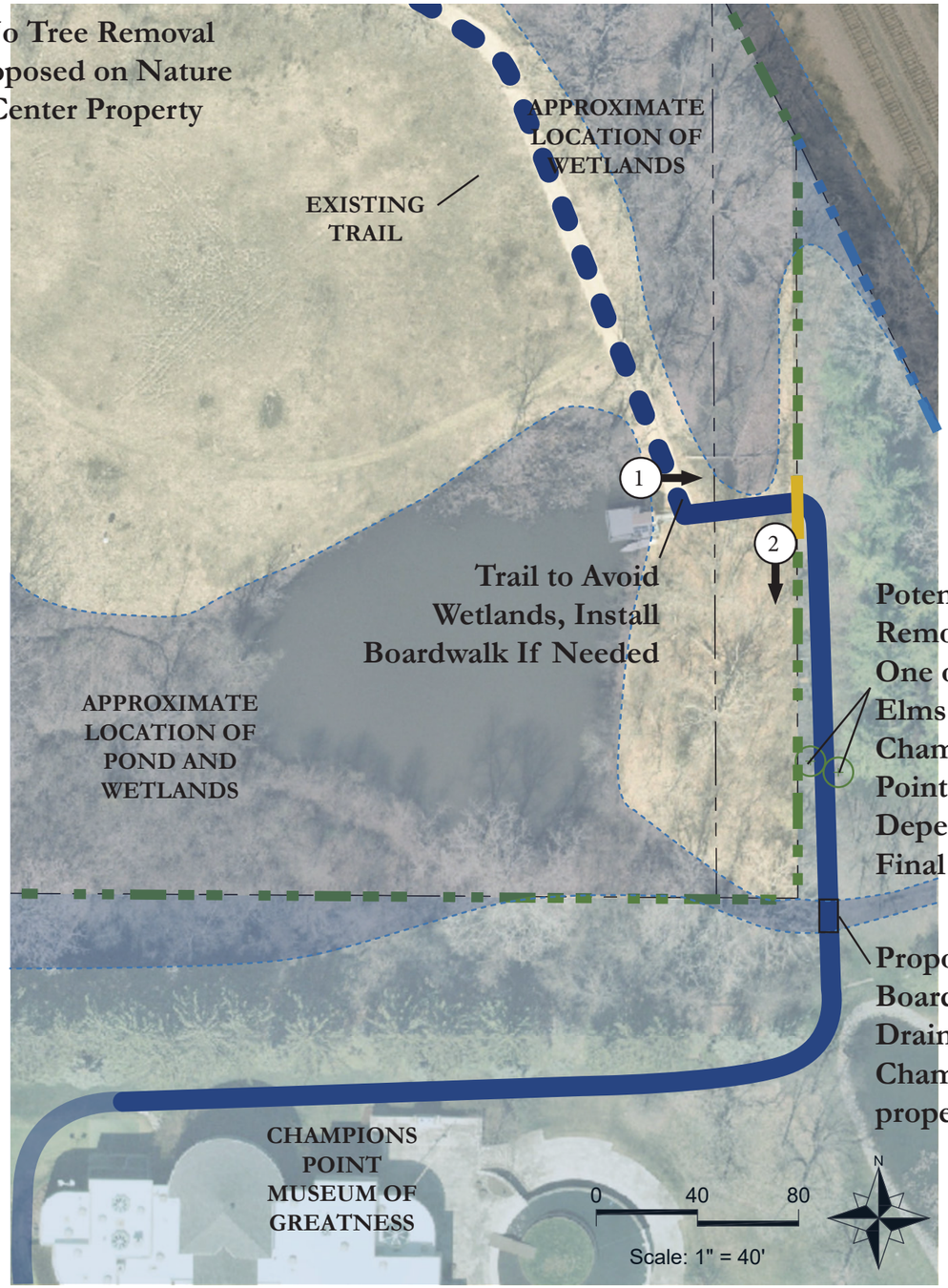
THE CHAMPIONS POINT TRAIL - OVERALL



THE CHAMPIONS POINT TRAIL - SOUTH



ECOLOGY AT HELLER NATURE CENTER



PROPOSED ENVIRONMENTAL IMPACTS

Hey completed a tree evaluation and preliminary wetland assessment, and wildlife impact assessment along the proposed route. While there are wetlands in the southeast corner of the nature center near the pond, the trail can be designed to avoid impacts to these resources. A preliminary wetland investigation memo is attached at the end of this report. No tree clearing within the nature center property would be required. However, there are two 10" American elm trees on the Museum property that may need to be removed for trail construction.

The preferred route will utilize existing aggregate trails. No widening or other modifications to these trail segments are proposed or needed. A short trail addition would be necessary in the southeast corner of the site to connect with the Museum. Habitat loss resulting from the new trail connecting the pond overlook to the Museum property would be minimal (see Photo 1 below).

Overall, impacts to the environment (including habitat, wildlife, and connectivity) resulting from the proposed access route through Heller Nature Center are expected to be minimal, given that visitors follow the marked route and stay on the aggregate trails, which when properly maintained are capable of accommodating more pedestrian traffic than currently envisioned.

Additional discussion of the tree evaluation and wildlife impact assessment is provided on the following page.



1 Area of proposed new trail connecting the Heller Nature Center trail system to the Museum Property. Approximate trail limits shown as dashed line.



2 Area of proposed new trail along fenceline within Museum property.

EVALUATION OF POTENTIAL TREE IMPACTS

On March 5, 2026, Bob Kerpec of Hey and Associates, Inc. (Hey), who is a certified licensed arborist, performed an evaluation of the trees immediately adjacent to the existing 8' limestone aggregate trail that is proposed to be used as a connection to the Champions Point Museum of Greatness. Trees within a 20' corridor on either side of the existing trail were evaluated for this site visit.

Overall, trees within this corridor are part of a larger young and mature oak woodland savanna system within the Heller Nature Center preserve. Dominant tree species observed within the trail corridor were bur oak (*Quercus macrocarpa*), red oak (*Quercus rubra*), white oak (*Quercus alba*), and shagbark hickory (*Carya ovata*). Interspersed among the dominant trees were a few other trees species such as black cherry (*Prunus serotina*), swamp white oak (*Quercus bicolor*), and quaking aspen (*Populus tremuloides*). A small population of Eastern cottonwood (*Populus deltoides*), American elm (*Ulmus americana*), and dead ash (*Fraxinus species*) were noted at the far southeast portion of the trail within a wetland area. The general health condition of the trees within this corridor were within a range of fair to good. A few dead and declining bur oak trees were noted.

Recommendations (if project is approved)

- Monthly inspections of the trail be performed to monitor its condition.
- Existing culverts be maintained/cleaned to prevent the blockage of water flow and overtopping of the trail.
- Add additional signage for visitors to stay on the trail to prevent long-term foot traffic compaction on soils within the drip line of the trees and trampling of herbaceous plants.
- Management of invasive species continues.

It is Hey's professional opinion that if the use of the existing limestone aggregate trail serves as the connection to the museum, the proposed project will likely not have any effect on the current health of the trees within this trail corridor, even with the additional daily/weekly/monthly/seasonal foot traffic, as long as the above recommendations are implemented and no additional impervious and previous structures are placed within the drip lines of trees.



ASSESSMENT OF POTENTIAL IMPACTS TO WILDLIFE

Trail networks are common infrastructure in protected natural areas for visitors to exercise, connect with nature, and learn about natural and cultural resources. However, there are concerns that the presence and construction of trails affect the quality of wildlife habitat. This project would not construct any new trails except where entering the Champions Point Museum of Greatness property. So, this evaluation focused on the proposed increased use of the existing trail.



On March 5, 2026, Jeff Mengler of Hey and Associates, Inc. (Hey), walked the trail to evaluate the wildlife present, the wildlife habitat quality, and observe other factors that may affect wildlife usage. The existing trail is an 8-foot-wide limestone aggregate trail.

Observations at mid-day on March 5, 2026 included only seven common species: American robin, white-breasted nuthatch, red-winged blackbird, northern cardinal, downy woodpecker, red-bellied woodpecker, and blue jay. The online ebird database curated by the Cornell Ornithology Lab reports 130 species of birds observed since 1986 at the Heller Nature Center hotspot. Many of these species are undoubtedly transient migrants as they are not known to nest in the region. Some are water birds associated with the ponds on site. Many are common urban-adapted species expected in as island of wooded habitat such as the Heller Nature Center property.

Mammals onsite are likely to include the gray squirrel, fox squirrel, chipmunk, raccoon, skunk, opossum, and white-tailed deer, though none were observed during the brief site inspection. Onsite observations include constant highway noise from Route 41/Skokie Valley Road to the east. In addition, there are Union Pacific Railroad tracks between the nature center and the highway that will provide periodic noise and represent a wildlife movement barrier. Electrical transmission lines also run along the railroad, providing another wildlife hazard.

The site has a network of trails throughout the woodland. Another trail is always visible from the proposed trail route to Champions Point. There are many interpretive structures and signs along all trails presumably used in the Nature Center's programming. Wood duck boxes, purple martin houses, and blue bird boxes are also present on the site. All these features serve to modify the wildlife habitat and add to the human footprint.

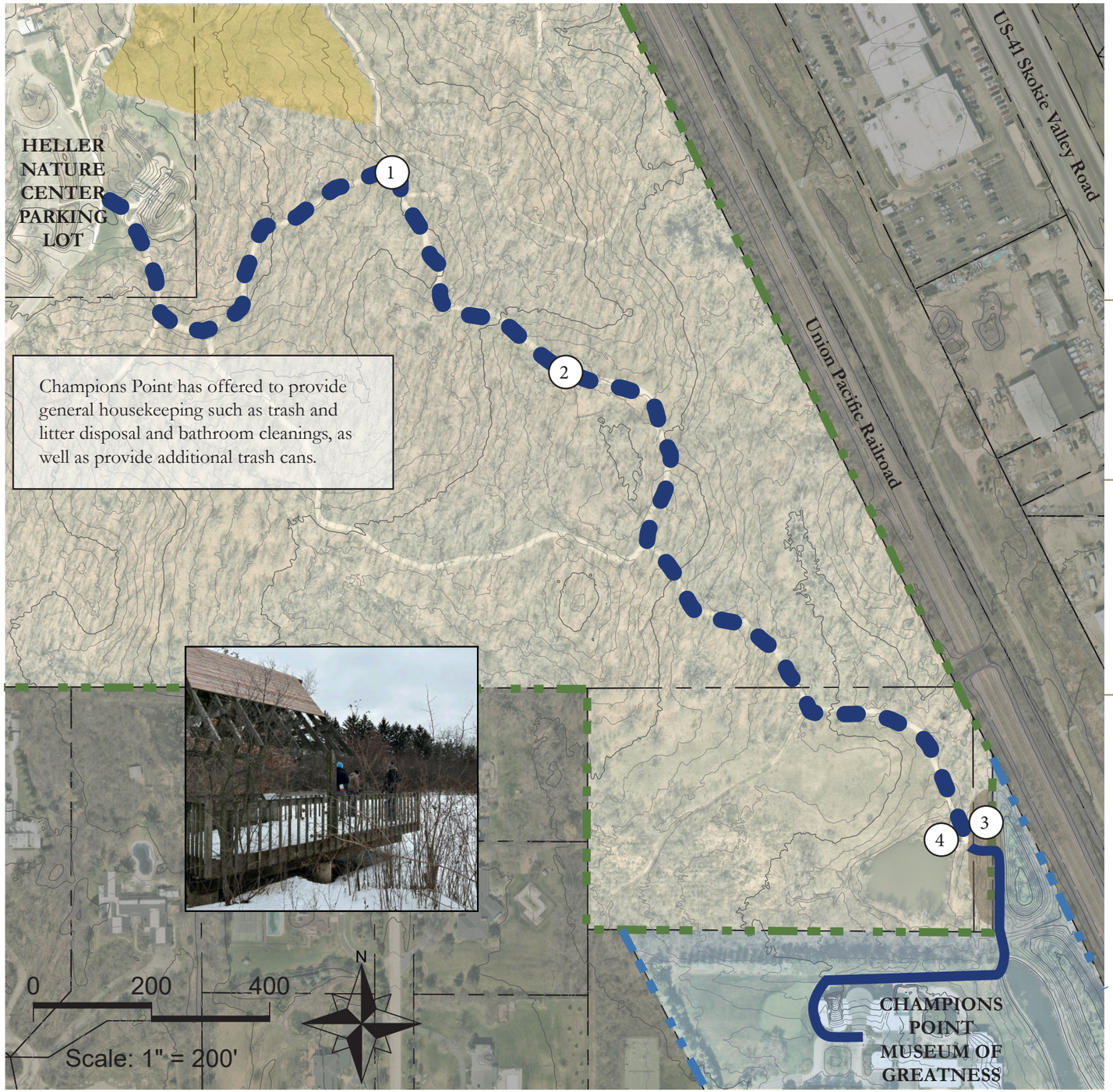
There are many studies of the impact of trails on wildlife, however, most focus on large mammals or other charismatic wildlife and have been conducted in national, provincial, or state parks, and thus are not applicable in this situation. This is a small 97-acre preserve within a very urbanized context. The only large mammal potentially present is the white-tailed deer.

It is our professional opinion that the wildlife present are all very urban-adapted species that have become habituated to the amount of human disturbance present. If the following recommendations are adopted, it seems very unlikely that the proposed daily/weekly/monthly/seasonal use of the existing trail would significantly increase impacts to wildlife over impacts already present.

Recommendations (if project is approved)

- Monthly inspections of the trail are performed to monitor its condition and repair any erosion or other damage to help keep users on the trail surface.
- Existing culverts be maintained/cleaned to prevent the blockage of water flow and overtopping of the trail.
- Add additional signage for visitors to stay on the trail.
- No motorized vehicles are allowed on the trail other than for maintenance purposes.
- No unleashed pets allowed on or near the trail.
- Management of invasive species continues to be implemented.

PROPOSED IMPROVEMENTS



1 Additional wayfinding

Installing additional trail markers to denote the route to the Museum will help visitors traverse the trail. Additional collaboration opportunities between the parks programming and museum exhibits can also be explored through interpretive signage.



2 Additional trail inspections and maintenance

We recommend implementing trail inspections every six months to assess if the trails are holding up against increased visitor count. An annual trail repair budget could be set aside for required repairs. Champions Point has offered to provide inspections and maintenance as frequently as monthly.

3 Invasive species and woodland management

There is a population of the invasive shrub common buckthorn (*Rhamnus cathartica*) in the southeast corner of Heller Nature Center adjacent to the Museum property. Herbicide treatments and other woodland enhancements such as targeted brush clearing could improve the habitat and aesthetics in this area.

4 Pond Overlook

Champions Point has offered to enhance the pond overlook with plantings and repair of the wooden structure.

ABOUT THE AUTHORS

Tim Pollowy

Project Manager and Registered Landscape Architect

Built upon an education in landscape architecture and natural resources from the University of Illinois, Mr. Pollowy has over 30 years of experience in landscape architecture, environmental planning, and ecological restoration. Areas of expertise include natural and nature-based solutions, sustainable and resilient site design, providing public access to natural areas, and the restoration and management of natural areas. He is an experienced project manager, using his organizational and communication skills to keep projects on track and within budget. Tim has a thorough hands-on understanding of construction management and has overseen the successful implementation of a wide variety of projects. Mr. Pollowy has successfully completed IDOT/FHWA Context Sensitive Solutions (CSS) training for public consensus building, IDOT Documentation of Contract Quantities training, and is a Registered Landscape Architect in Illinois and Wisconsin.

Bob Kerpec

Wetland Scientist and ISA Certified Arborist

Mr. Kerpec has over 24 years of experience conducting field surveys such as wetland delineations, tree surveys, soil erosion and sediment control inspections, ecological restoration management, and vegetation inventories. He is well versed in regulatory permitting issues, having successfully obtained federal and county wetland permits for many public and private sector clients throughout northeastern Illinois and southeastern Wisconsin. Mr. Kerpec has worked as a project manager for various Phase III IDOT and Lake County Division of Transportation contracts for work consisting of ecological restoration management to natural wetland areas, hazardous tree and emerald ash borer assessments, and invasive plant species management. Mr. Kerpec also worked as an inspector/Resident Engineer Assistant for the Illinois State Tollway Highway Authority Elgin O'Hare Western Access Wetland Mitigation Project (315-acres) located at the Pine Dunes Forest Preserve in Lake County. Mr. Kerpec received his Bachelor of Arts in Environmental Studies from Northeastern Illinois University. Mr. Kerpec is also a Certified Wetland Specialist in Lake County and McHenry County, Illinois and a Wisconsin Department of Natural Resources Assured Wetland Delineator.

Alex Peters

Wetland Scientist and Registered Landscape Architect

Mx. Peters has eight years of professional experience in ecological restoration design and planning, wetland delineations, and waterway permitting. They have performed wetland boundary delineations in Illinois, Ohio, Indiana, and Michigan and are skilled in flora identification and botanical surveys. Mx. Peters also focuses on watershed-scale and site-level restoration planning, conceptual design, site analysis, detailed design development including grading and planting plan design, and drafting plan sets in AutoCAD Civil 3D. They have helped clients receive grants to implement restoration work and comply with environmental regulations, including Clean Water Act permitting and NEPA documentation.

Jeff Mengler

Wetland Scientist and Wildlife Biologist

Mr. Jeffrey Mengler is Senior Project Scientist at Hey and Associates, Inc. and has 40 years of professional experience in natural resources and permitting. He has worked with private, non-profit, and government organizations in the research, management, restoration, protection, and assessment of Midwestern ecosystems, especially wetlands. This work has included NEPA compliance; endangered species recovery, searches, and consultations; wetland permitting; wetland mitigation design/implementation; resource protection plans and assessments; green infrastructure/watershed planning; streambank stabilization and wetland restoration oversight; and many aspects of interagency/stakeholder coordination. Major projects have included ecological consulting services and permitting for several major public stream and wetland projects; wetland delineations for public improvements, solar installations, and private development; permitting and restoration for multiple oil-spill cleanups; permitting and compliance for a major public sanitary sewer upgrade project; wetland mitigation bank design, construction, permitting, monitoring, and operation; stream restoration projects; rare/protected species surveys; incidental take authorizations; species inventories; antidegradation studies, and endangered species relocations. He holds a B.S. and M.S. in Biological Sciences from Northern Illinois University, and is a certified Professional Wetland Scientist (PWS), a Certified Wetland Specialist (CWS) for Lake and McHenry Counties, and a Qualified Wetland Review Specialist (QWRS) in Kane County, Illinois.

Ethan Appelgren

Registered Landscape Architect

Mr. Appelgren has 8 years of experience in the field of landscape architecture, with his background including site design, environmental planning, and sustainable construction. He has completed numerous projects involving commercial design, large-scale municipal planning, ecological restoration, parks and recreational space development and geospatial analysis. Ethan has spent his career in multi-disciplinary firms, working alongside architects, civil engineers, environmental scientists, urban planners, and arborists.

PREPARED BY:

Hey and Associates, Inc.

02/13/2026
Revised 03/10/2026
25-0395

Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture

26575 W. Commerce Drive, Suite 601
Volo, Illinois 60073
Phone (847) 740-0888
Fax (847) 740-2888

MEMORANDUM

TO: John Cooper of Champions Point, LLC (property owner at 2700 Point Lane)

CC:

FROM: Bob Kerpec, Lake County Certified Wetland Specialist-094 and ISA Arborist

DATE: February 13, 2026

RE: Preliminary Wetland Investigation-Project Area Located at Heller Nature Center and 2700 Point Lane Property

PROJECT NO. 25-0395

As requested, Hey and Associates, Inc. completed a preliminary wetland field investigation for the above referenced proposed project area location on February 4, 2026 (Exhibit 1). The ±2.7-acre project area is at the southeast corner of the Heller Nature Center property (includes existing trails) and at the northeast corner of the 2700 Point Lane property within the City of Highland Park and further located in Section 16, Township 43 North, Range 12 East (Exhibit 1).

The United States Geological Survey (USGS) topographic map does not show any wetland, waters, or stream features on the project area limits (Exhibit 2). The USGS map though does show one off-site pond to the west. The National Wetland Inventory Map (NWI) does indicate one wetland and one excavated pond within the project area limits and one excavated pond off-site to the west (Exhibit 3). The Lake County Wetland Inventory (LCWI) map indicates no wetlands or water features within the project area limits but does show two ponds just off-site (Exhibit 4). The FEMA Flood Hazard Zones Map does not include any floodplain or floodway mapping within the project limits (Exhibit 5). The USGS Hydrologic Atlas does not show any streams or flood of record within the project area limits (Exhibit 6). The Natural Resources Conservation Service's Lake County Soil Survey (Exhibit 7) shows no mapped hydric soils within the project area limits.

The project area within the Heller Nature Center property consists of an existing 8-foot wide maintained mowed grass/limestone aggregate trail, two wetlands (Wetlands 1 and 2), and scrub-shrub upland at the far southeast

corner dominated by common buckthorn *(Rhamnus cathartica).* The project area within the 2700 Point Lane property consists of manicured mown lawn, two berms planted with pine and spruce species, scrub-shrub upland (common buckthorn dominated), and one drainageway. Drainageway 1 appears to receive water from the off-site Pond 1 to the west, on the Heller Nature Center property.

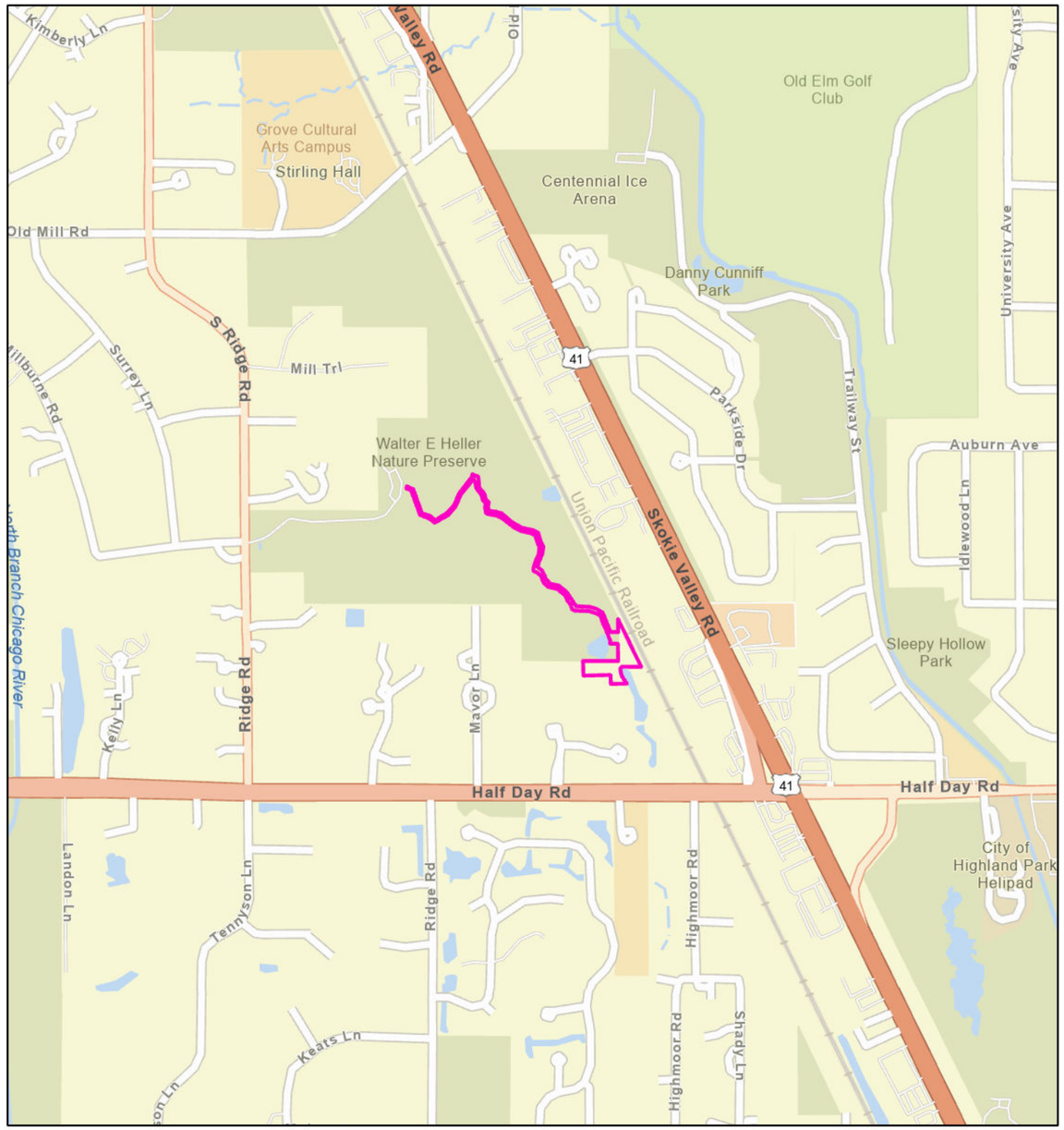
During the field investigation, Wetlands 1 and 2 were preliminarily delineated and the locations and estimated wetland boundaries are shown on Exhibit 8. Both wetlands appear to be lower quality wet meadows. Both wetlands continue off-site. The wetland boundaries were estimated due to the presence of snow/ice and the site visit was performed outside the growing season. Representative site photographs of uplands, wetlands, and water features are provided in Exhibit 9.

If the project moves forward, a field investigation will need to be conducted at the start of the growing season (May 15th) to finalize the wetland boundaries and to collect additional field data. Once the wetlands boundaries have been determined (flagged) during the growing season, we recommend a wetland and water features Preliminary Jurisdictional Determination request be submitted to the Lake County Stormwater Management Commission (LCSMC). Then a wetland/water features boundary concurrence request for any isolated wetlands and water features should be submitted to LCSMC. LCSMC review fees for both tasks will need to be provided by you as the applicant/property owner.

It is our initial understanding that you desire to avoid any wetland and water feature impacts and so, if necessary, you will utilize boardwalks to cross the existing wetlands and drainageway for a proposed trail extension to your property. It is also our understanding that no ground disturbances are proposed outside of the existing 8-foot wide trail footprint on the Heller Nature Preserve property.

Please contact me with any questions or comments.

Additional offices in Chicago, Illinois and Richland Center, Wisconsin



Scale: 0 1,000 Feet

Orientation:

Legend: Project Boundary

Project Number:

Date: 3/12/2026

Prepared by:

Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture

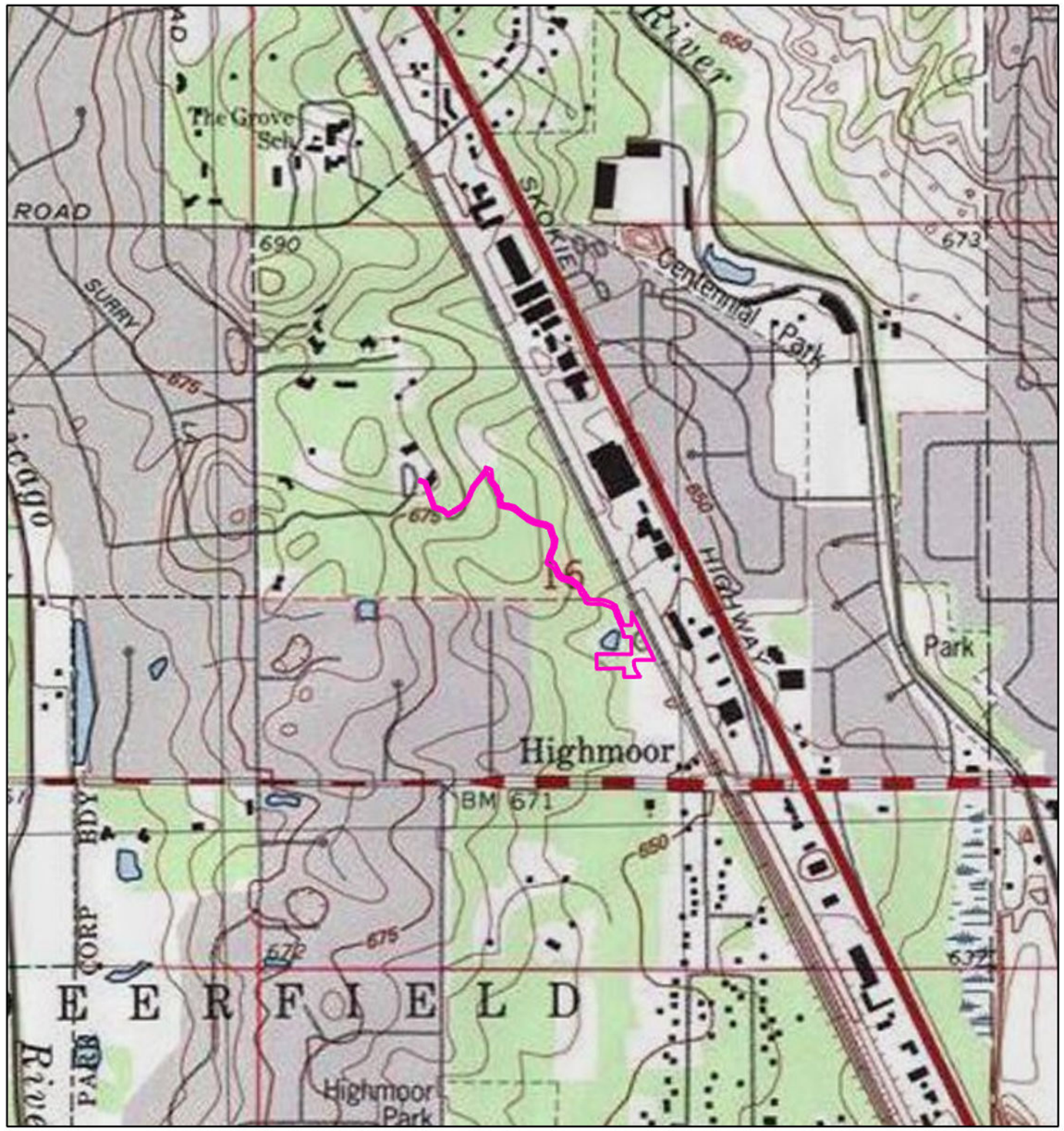
Project Name: Point Lane - Highland Park

Prepared for: Champions Point LLC

Location Information: T.43, R.12E, Section 16

Exhibit Title: **Project Location**

Exhibit: **1**



Scale: 0 1,000 Feet

Orientation:

Legend: Project Boundary

Project Number: 25-0395

Date: 3/12/2026

Prepared by:

Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture

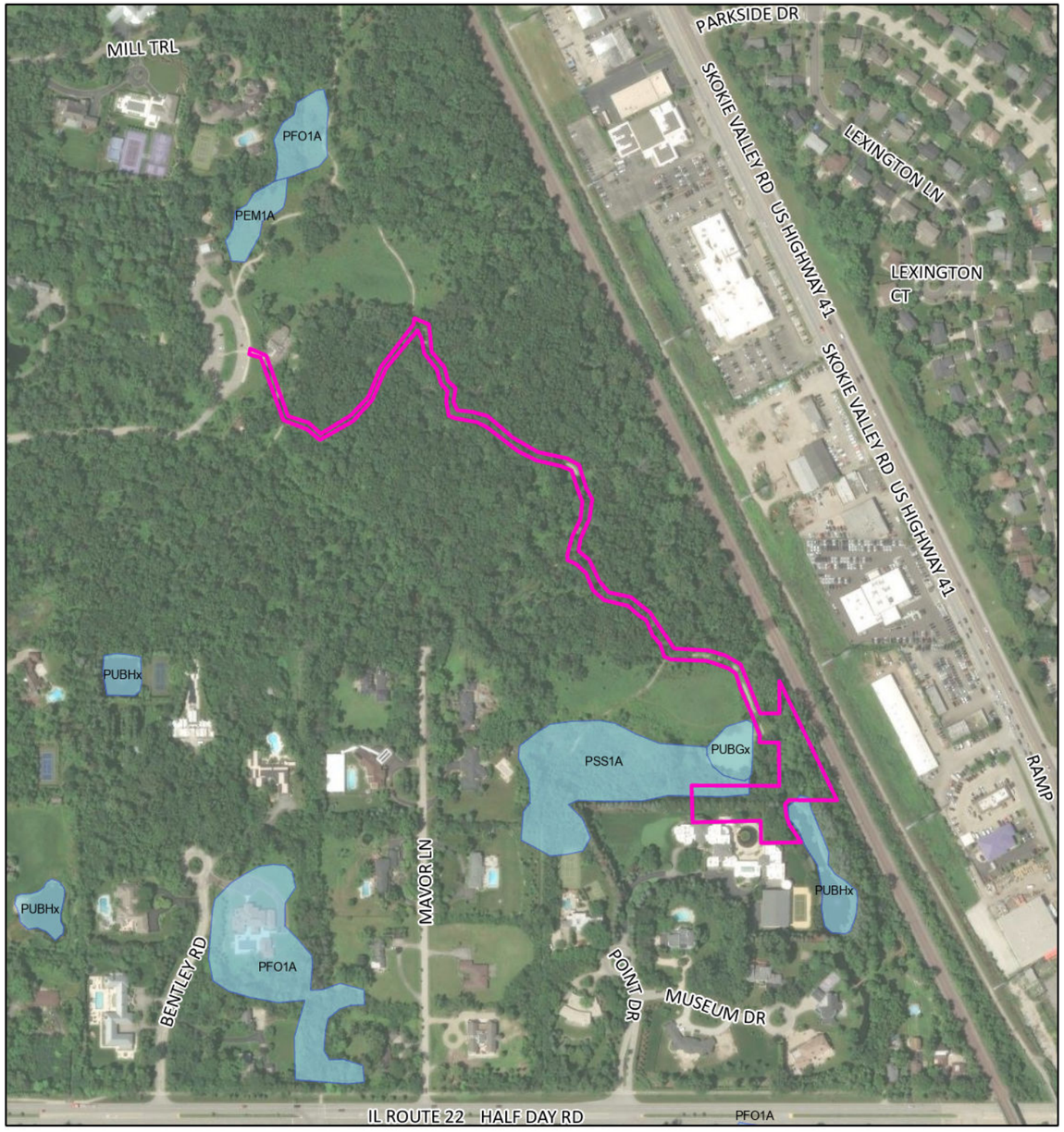
Project Name: Point Lane - Highland Park

Prepared for: Champions Point LLC

Location Information: Highland Park Quadrangle

Exhibit Title: **USGS Topographic Map**

Exhibit: **2**



Scale: 0 400 Feet

Orientation:

Legend:
- National Wetland Inventory
- Project Boundary

Project Number: 25-0395 Date: 3/12/2026

Prepared by:

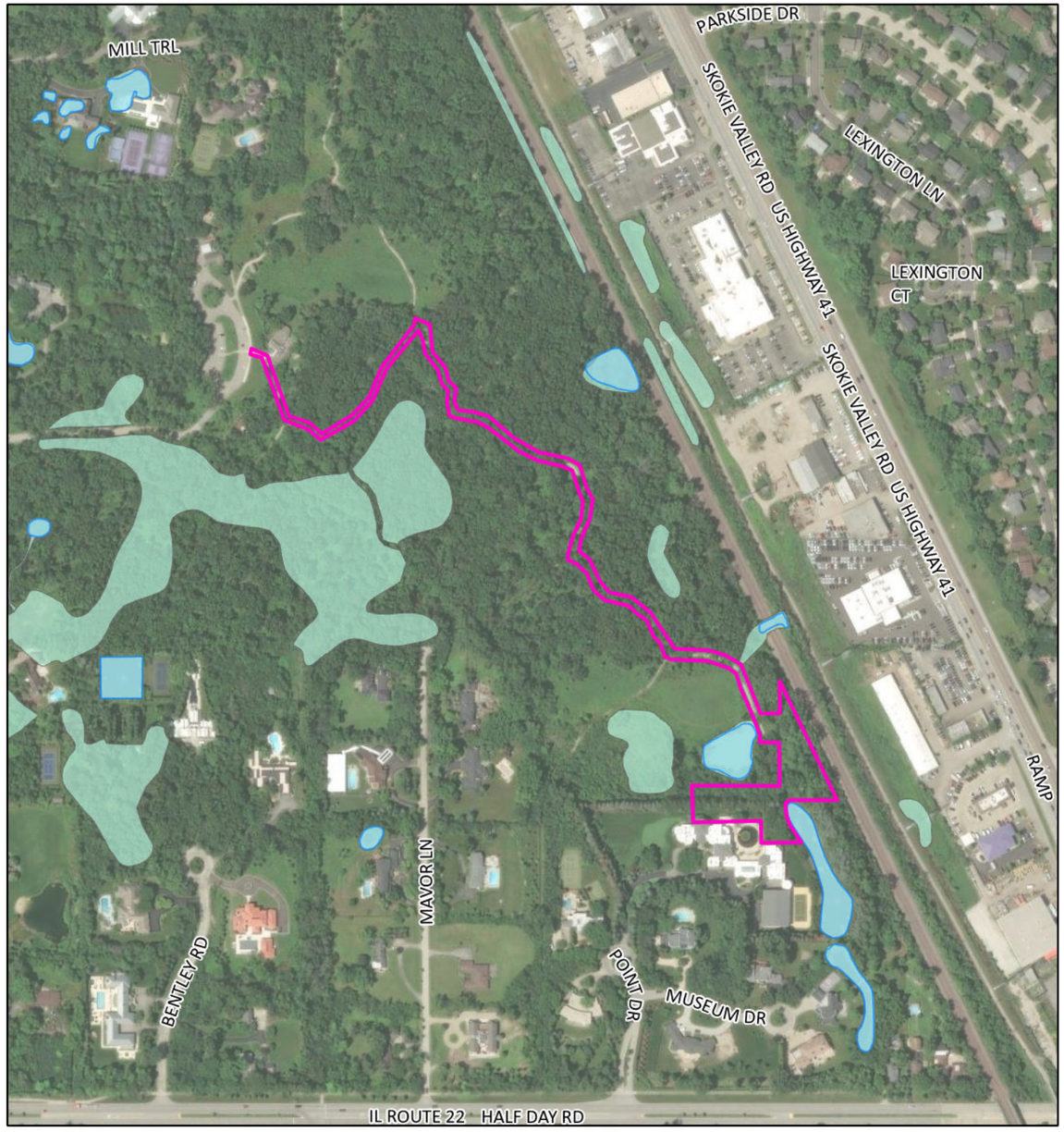
Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture

Project Name: Point Lane - Highland Park

Prepared for: Champions Point LLC

Location Information: Highland Park Quadrangle

Exhibit Title: **National Wetland Inventory** Exhibit: **3**



Scale: 0 400 Feet

Orientation:

Legend:
- Project Boundary
- Rivers and Streams
- Lakes and Ponds
- ADID Wetlands (1992)
- LCWI

Project Number: 25-0395 Date: 3/12/2026

Prepared by:

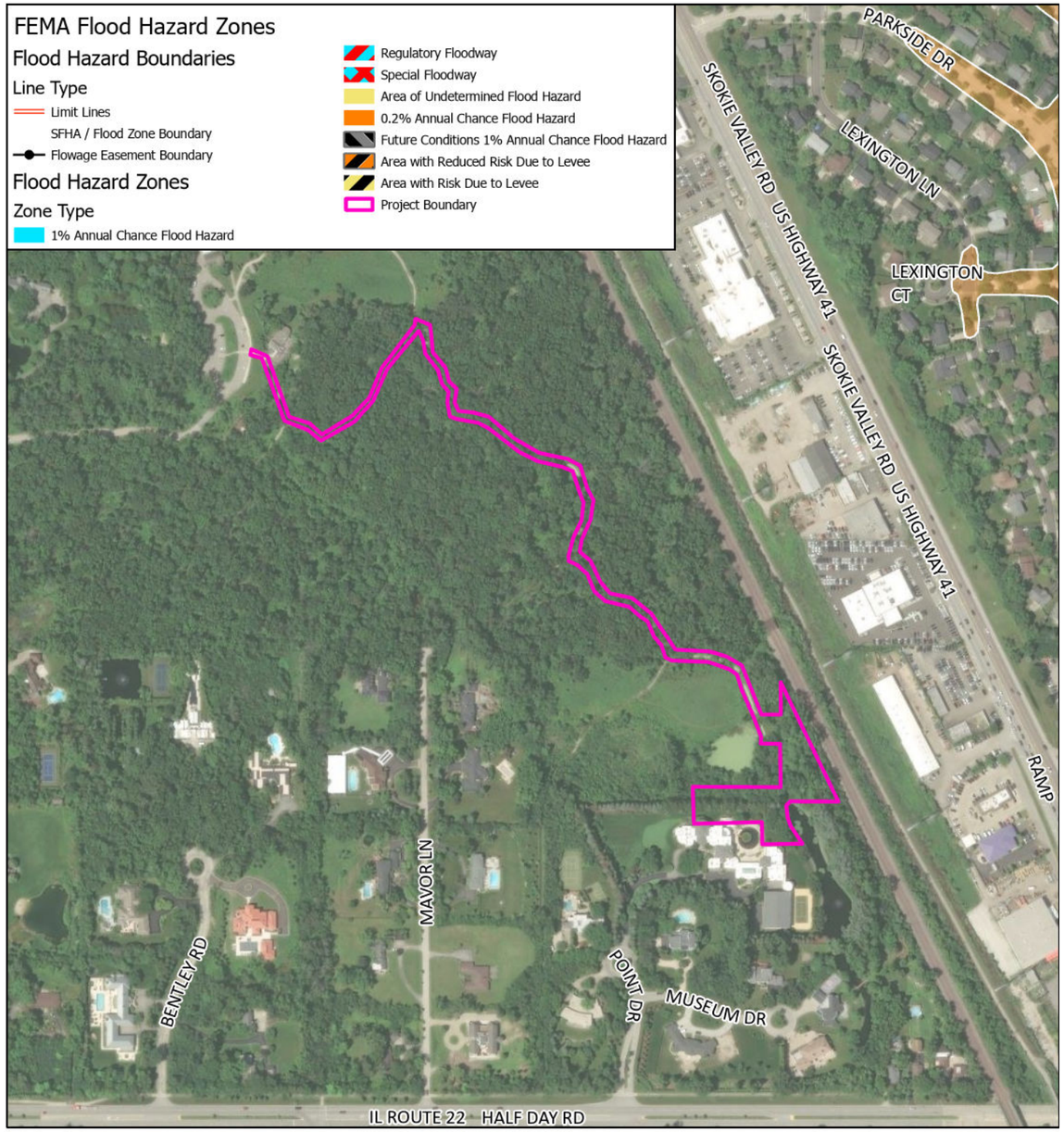
Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture

Project Name: Point Lane - Highland Park

Prepared for: Champions Point LLC

Location Information: West Deerfield Township

Exhibit Title: **Lake County Wetland Inventory** Exhibit: **4**



Scale: 0 400 Feet

Orientation:

Legend: Project Boundary

Project Number: 25-0395 Date: 3/12/2026

Prepared by:

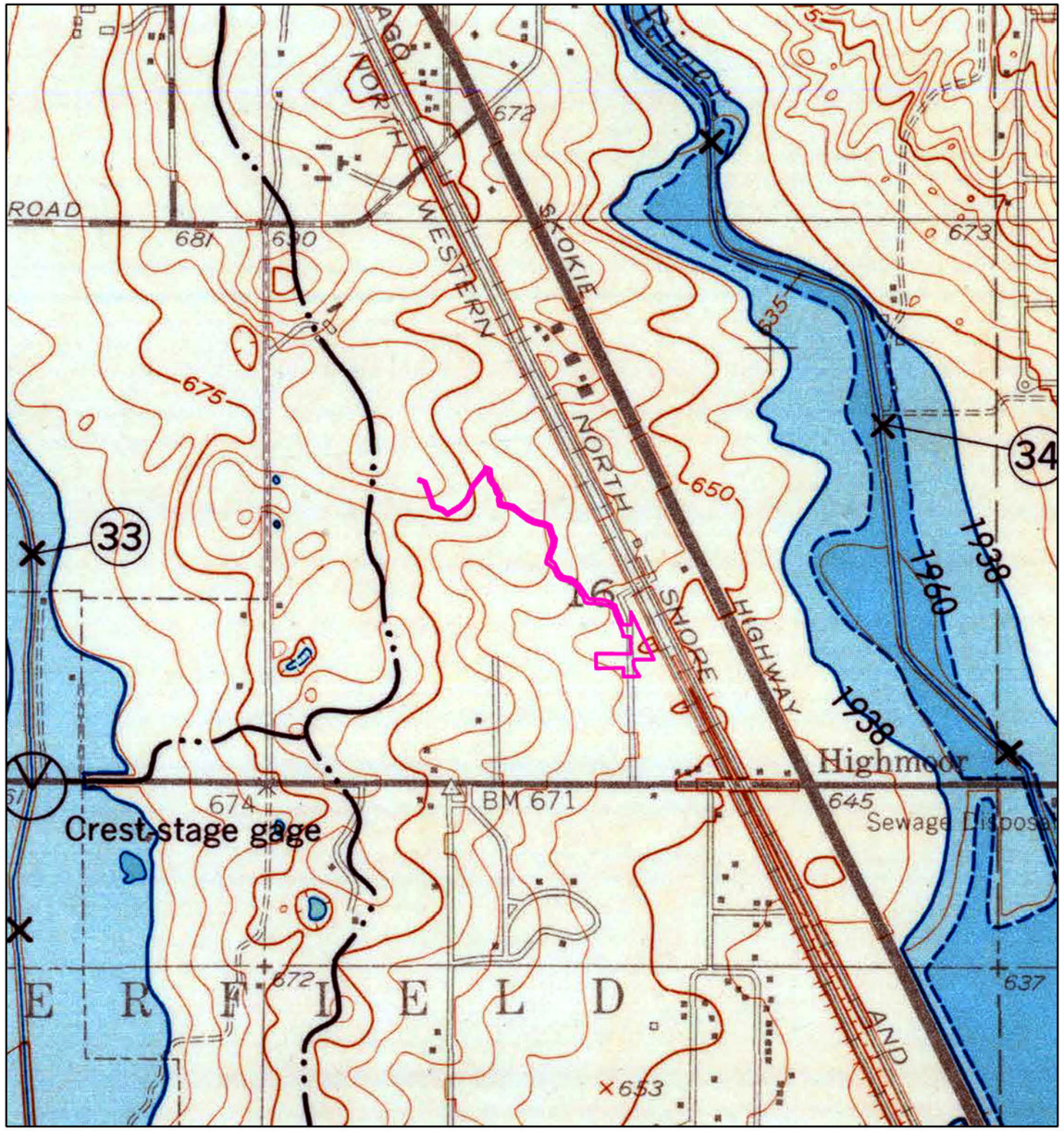
Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture

Project Name: Point Lane - Highland Park

Prepared for: Champions Point LLC

Effective Date: 9/18/2013

Exhibit Title: **FEMA Flood Hazard Zone** Exhibit: **5**



Scale: 0 1,000 Feet

Orientation:

Legend: Project Boundary

Project Number: 25-0395 Date: 3/12/2026

Prepared by:

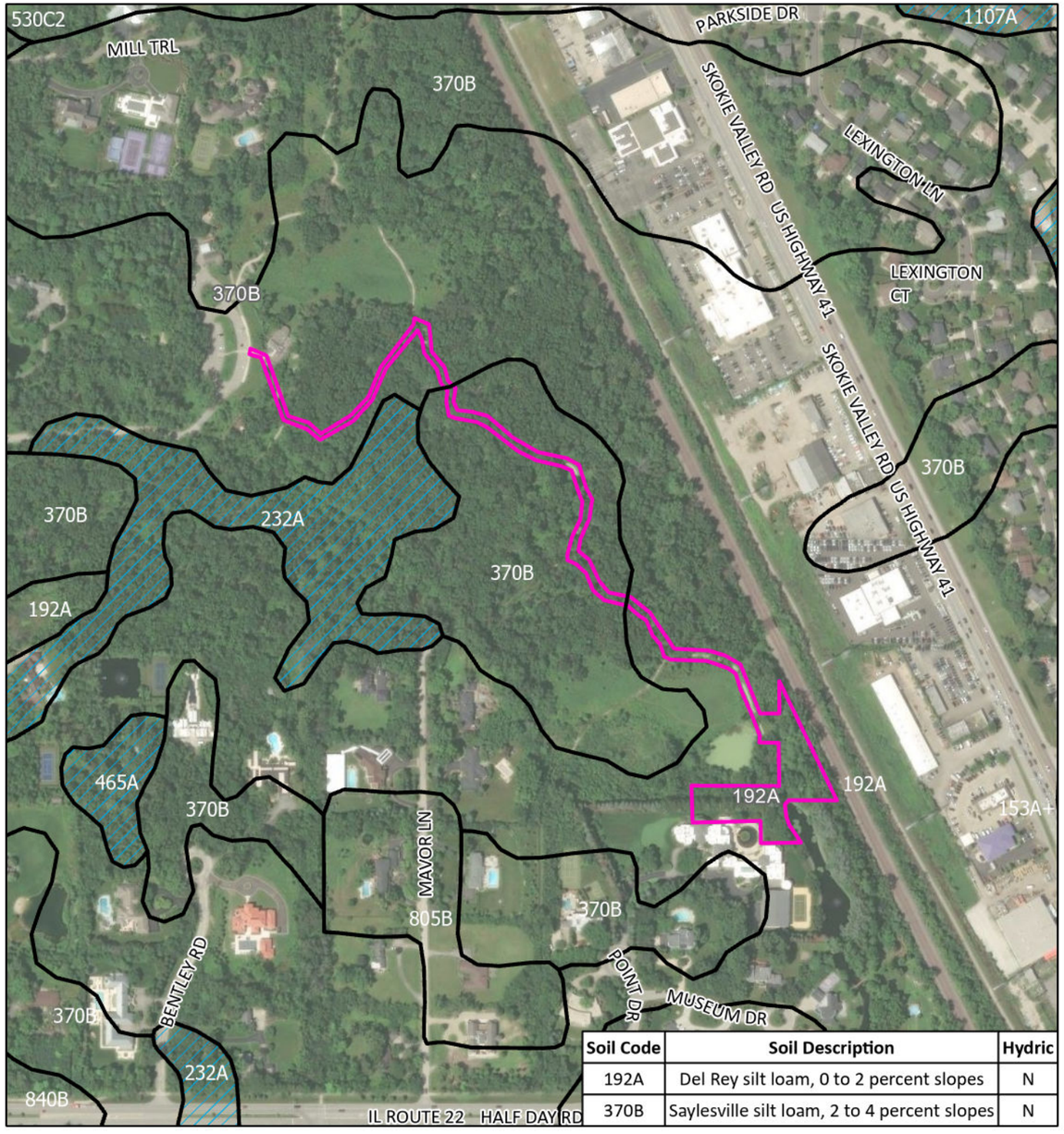
Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture

Project Name: Point Lane - Highland Park

Prepared for: Champions Point LLC

Hydrologic Atlas Date: 1963

Exhibit Title: **USGS Hydrologic Atlas** Exhibit: **6**



Soil Code	Soil Description	Hydric
192A	Del Rey silt loam, 0 to 2 percent slopes	N
370B	Saylesville silt loam, 2 to 4 percent slopes	N

Scale: 0 400 Feet

Orientation:

Legend:
- Hydric Soils
- Project Boundary
- Soils Units

Project Number:

Date: 3/12/2026

Prepared by:

Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture

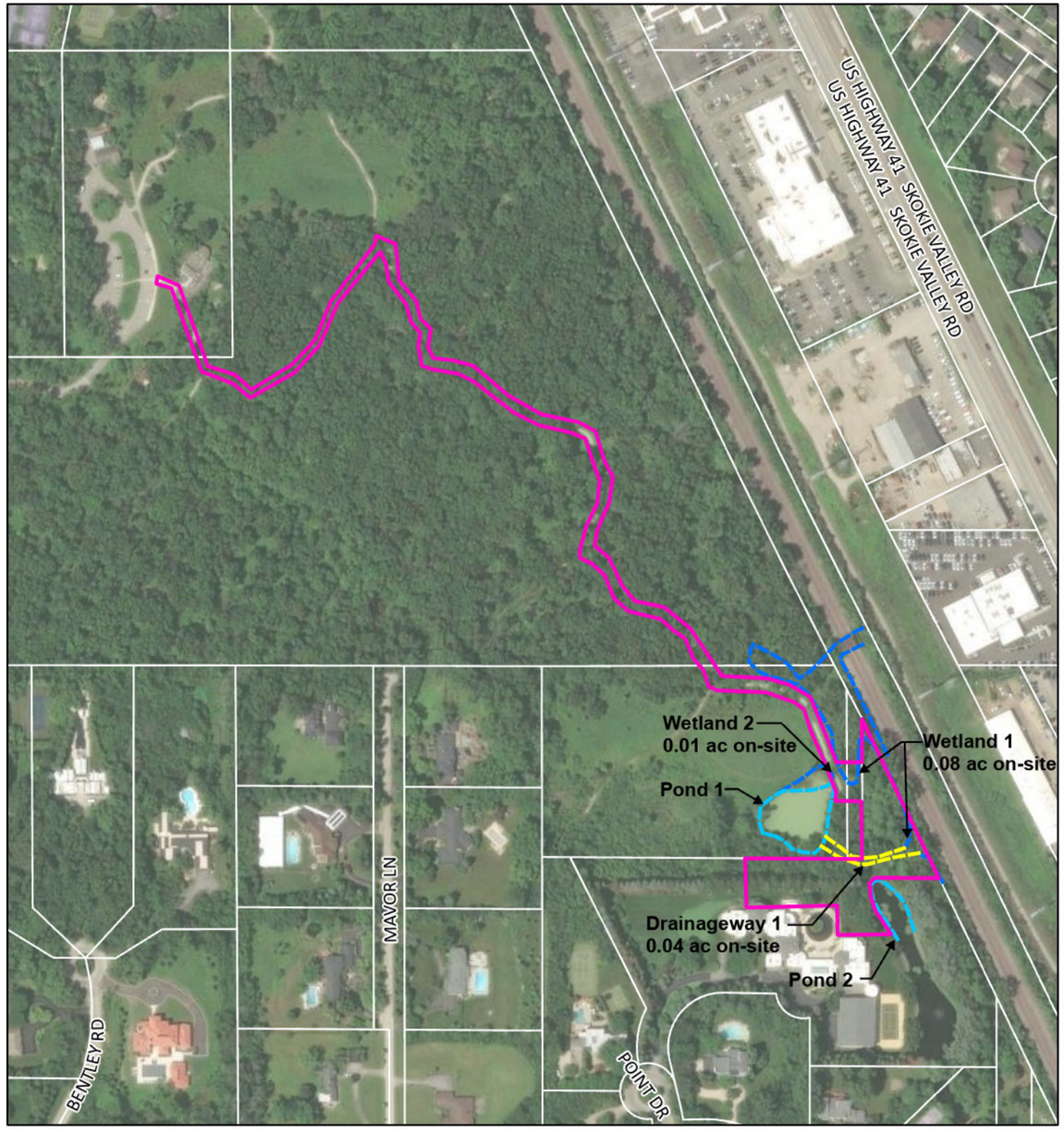
Project Name: Point Lane - Highland Park

Prepared for: Champions Point LLC

Soil Survey Date: 2019

Exhibit Title: **NRCS Lake Co. Soil Survey**

Exhibit: **7**



Scale: 0 300 Feet

Orientation:

Legend:
- Estimated Wetland Boundary
- Estimated Pond Boundary
- Estimated Drainageway Boundary
- Project Boundary

Project Number: 25-0395

Date: 3/12/2026

Prepared by:

Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture

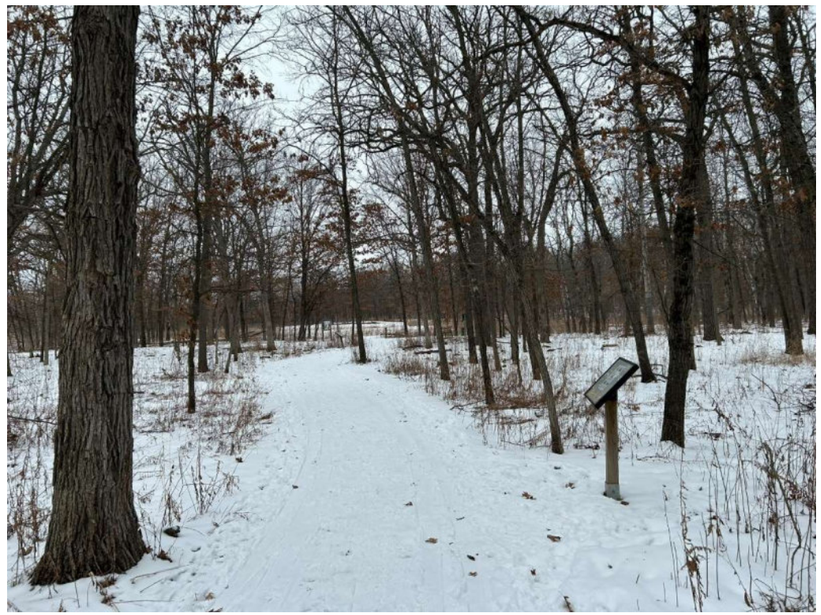
Project Name: Point Lane - Highland Park

Prepared for: Champions Point LLC

Aerial Date: 2024

Exhibit Title: **Estimated Wetland and Water Feature Boundaries**

Exhibit: **8**



Photograph 1:

View facing southeast of existing 8-foot wide limestone aggregate trail on the Heller Nature Center property.



Photograph 2:

View of Wetland 1 facing north. Various low spots and two eroded channels were noted at this location (nature center property).



Photograph 3:

View of Wetland 2 facing southwest and Pond 1 in the distance (nature center property).



Photograph 4:

View of stone-lined Drainageway 1 within the 2700 Point Lane property facing east.

Project Number: 25-0395

Hey and Associates, Inc.
Engineering, Ecology and Landscape Architecture

Project Name:
Point Lane – Highland Park

Exhibit Title:
Site Photographs

Exhibit:
9



Photograph 5:

View of Pond 2 facing south on the 2700 Point Lane property.



Photograph 6:

View of proposed path extension within an upland area on the 2700 Point Lane property facing south.

Burhop, Karl

Subject: FW: In Support of Champions Point

From: Jamie Borchik < >
Sent: Tuesday, March 24, 2026 10:46 AM
To: Mayor and City Council <council@cityhpil.com>; Neukirch, Ghida <gneukirch@cityhpil.com>
Subject: In Support of Champions Point

[EXTERNAL EMAIL]

To the Mayor and City Council of Highland Park: My name is Jamie Borchik, and I serve as the director of Athletes In Action Chicago and as an athletics chaplain at Northwestern University. Our organization serves as a spiritual and whole-life resource for athletes and coaches at Northwestern and about a dozen other universities around Chicago. I am writing to express my strong support for John Cooper and his vision for Champions Point.

I have worked in the non-profit sector for nearly 20 years, and in all that time I've rarely encountered anyone as generous as John Cooper. John's desire is to use everything he has for the good of others and the good of the world. Our organization has been one of many grateful recipients of John's generosity.

Over the past year alone, John has opened his property to us on several occasions. He has hosted leadership retreats for college students, planning meetings for our Chicagoland staff, and a major development event that raised nearly $200,000 for our organization–all at no cost to us. Champions Point is a unique property with fascinating history and a broad appeal. Nearly everyone we've invited to a gathering at the property has jumped at the opportunity, and everyone who has come to the house with us has loved the experience and left inspired. John's willingness to open the home has allowed us to enhance our current offerings, bless our existing team, and expand our donor base. We as an organization are far stronger and better positioned for future impact because of John's generosity.

And I know it's not just us. Yes, John wants to build an effective business model around this house. But John is not out for personal gain. He is out to make a difference in the world. And this property and his vision for a museum have enormous potential to make a difference–for young people who are exposed to a clear picture of what greatness looks like, for grown ups who come hoping to encounter a legacy of greatness but leave inspired to build their own legacy, and for organizations like ours who will be the beneficiaries of John's great generosity in the years to come.

Champions Point is an inspirational place, and John has brought to it an inspirational vision. John and his vision have my fullest support.

With Gratitude,

Jamie Borchik

Jamie Borchik
Team Leader
Chicago

athletesinaction.org

Burhop, Karl

Subject: FW: Champions Point plan

From: Bob Cash < >
Sent: Wednesday, March 25, 2026 8:50 AM
To: Mayor and City Council <council@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>;
Subject: Champions Point plan

[EXTERNAL EMAIL]

Dear Highland Park city council,

I am writing in support of John Cooper's plan for Champions Point. I both know John and know of his plans for the property and I believe he is a special man with a dream for a special place that can have a positive impact in the community and the area.

The care with which he maintains the property and ensures the privacy of his neighbors is something I have personally experienced during private events at Champions Point. I can attest that John takes considerable effort to respect the neighborhood, its culture and the interests of his neighbors.

As his plans show, the museum at Champions Point will be a valuable addition to the Highland Park community and provide a rich experience for visitors, particularly kids, from beyond Highland Park.

The museum John is proposing demonstrates his willingness to share this very special property in a way that can enrich the wider community while preserving the culture within the community it sits.

Thank you for your consideration.

Bob Cash
Director of Campus Operations
The Chapel - Libertyville

Burhop, Karl

Subject: FW: Letter of Support: John Cooper & Champions Point Project

From: Scott Chapman < >
Sent: Tuesday, March 24, 2026 12:23 PM
To: Mayor and City Council <council@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>
Subject: Letter of Support: John Cooper & Champions Point Project

[EXTERNAL EMAIL]

To Whom It May Concern,

I would like to take a moment to share with you that I have known John Cooper for the past 6 years as both his pastor and his friend. During that time, I have known him to be a consistently generous and caring person who has a heart for the people in his community. I have seen him take great initiative in listening to his neighbors and community members in seeking to bring blessings to many people through Michael Jordan's former home. John's ambitions are entirely to bless the community and help people through this opportunity to visit and be inspired by a legacy of greatness that might produce greatness in others. I am confident that concerns will be raised about how this project might be conducted. But I wanted to take a moment to share my enthusiasm and confidence in the excellence of the leadership and the care that has already been given up to this point.

Thank you again,

THE CHAPEL
Scott Chapman
Scott Chapman, D.Min.
Senior Pastor
[redacted]
chapel.org

CRUSHERS CLUB
RESTORE THE PATH. REBUILD THE STREETS.

Sally Hazelgrove - President & Executive Director
Restoring the Path/Crushers Club
1406 West 64th Street
Chicago, Il 60636

Concerning the Champions Point Project

Dear Friends,

Crushers Club, a 501c3 non for profit organization located in Chicago on the southside, is in support of the Champions Point Project at the former Michael Jordan Mansion located in Highland Park. As an organization that serves and employs young men 14 to 19 years old, this project is of vital importance to not just us, but for all of our less fortunate, vulnerable youth residing in impoverished neighborhoods plagued by crime and lacking in the same opportunities as their more affluent peers.

Those that are fortunate to live and operate in the most affluent areas are able to best thrive in their prosperity by always showing concern for those at the opposite end of the financial spectrum. It is by caring for the least of these and opening our arms to the young of the most vulnerable families living in poverty, that we best enjoy the good fortune of living in prosperous beautiful communities surrounding the greater Chicagoland area.

This is an opportunity to highlight that Highland Park cares more than just about Highland Park, that they care about all youth and children in Chicago and across the State who would benefit from supporting the Champions Point Project. For our youth to have pathways out of poverty and to become contributing tax paying members of society, they be need to be welcomed into the more affluent areas of our State. Living in communities such as Englewood can be isolating, by providing opportunities outside of their environment, they are shown that many others care for their futures and well being. Not just those of us working in the trenches, but those outside of their world that have no vested agenda but to do the right thing in extending kindness and an opportunity to have an educational, esteem building and memorable experience at Michael Jordans former home. He is the pride of Chicago and Illinois and a role model and icon known across the world. How amazing is it that we have the opportunity to share some of that greatness and instill that it dwells within all of us to our most valuable commodity, our children and youth.

I hope you choose to be that beacon of light and an example to other surrounding communities to find ways to unite all of us on a common ground in goodness and charity. We are one Illinois and it is time we start to find ways to unite together and truly make our most vulnerable children and youth a priority. It benefits all of us.
Thank you for your consideration.

Kindly,
Sally Hazelgrove,

1406 WEST 64TH STREET ■ CHICAGO, IL 60636
312.221.0289 ■ info@crushersclub.org ■ www.crushersclub.org

CRUSHERS CLUB
RESTORE THE PATH. REBUILD THE STREETS.

Restoring the Path (EIN #80-0724941) is a 501(c)(3) not-for-profit public charity.

If you have any questions, please contact Sally Hazelgrove at (312) 221-0289 or info@crushersclub.org.

Burhop, Karl

Subject: FW: Support for Museum Proposal as an Opportunity to Revitalize Highland Park

From: Jane Faynshteyn < >
Sent: Tuesday, March 24, 2026 9:30 PM
To: Mayor and City Council <council@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>
Subject: Support for Museum Proposal as an Opportunity to Revitalize Highland Park

[EXTERNAL EMAIL]

Dear Mayor Rotering and Members of the City Council,

I am writing as a Highland Park resident of over a decade to share my perspective in support of the proposal to convert the property at 2700 Point Lane into a museum.

My connection to Highland Park is both personal and long-standing. My husband grew up in Sherwood Forest, and today our family lives near Highland Park Hospital. This community is not just where we live—it is home in every sense of the word. We care deeply about its future.

Over the past 10 years, one thing has become increasingly clear—and increasingly concerning: our downtown is struggling.

Year after year, we see "For Rent" signs lining our streets. Restaurants open with excitement and close shortly after. Small businesses try, and too often, they do not survive. The reality is simple—Highland Park does not currently have enough consistent traffic to sustain a thriving local economy.

We all want Highland Park to be a vibrant, energetic town. A place where people don't just live—but come to visit, dine, shop, and spend time. A place where our downtown is busy, our businesses are full, and our community feels alive.

Right now, we are not there.

This proposal presents a rare opportunity to change that.

While many have focused on what we might lose, I believe it is equally important to consider what our children and our community stand to gain.

A museum—especially one tied to a globally recognized figure—has the potential not only to bring visitors into Highland Park, but also to create meaningful cultural and educational opportunities for our children.

As a parent, this matters deeply to me.

My children would benefit from programming that inspires perseverance, discipline, and creativity—values that extend far beyond sports. The opportunity to attend educational programs, community events, and even free-access days would make this not just a destination for visitors, but a resource for local families like mine.

We are always looking for ways to expose our children to enriching experiences without having to leave our community. This could become one of those rare local opportunities that blends culture, history, inspiration, and learning in a way that is accessible and exciting for kids.

At the same time, this project would bring much-needed foot traffic into Highland Park. And with visitors comes business. With business comes sustainability for the restaurants, shops, and local entrepreneurs who are currently struggling to stay open.

I would also like to share a personal perspective on the individual behind this proposal. I have known John for close to 15 years and can honestly say he is a caring and generous person. He has consistently donated his time and resources to meaningful causes—from supporting survivors of October 7th to contributing to local charities. He is a person of strong values and deep faith, and I have seen firsthand his commitment to giving back and creating positive experiences for others. I truly believe that spirit would carry through in this project.

We cannot continue doing the same thing and expect a different outcome. If we want a thriving downtown, we must be open to thoughtful, strategic ways to bring people into our community.

I fully understand and respect that many neighbors have concerns about traffic, safety, and preserving the residential character of the area. Those concerns are valid and deserve to be addressed carefully and responsibly. But I also believe we must weigh those concerns against the broader needs of our entire city.

Because the truth is—doing nothing also has consequences.

If we continue on our current path, we risk further decline in our business districts, fewer opportunities for our children, and a community that becomes quieter not by design, but by lack of vitality.

Highland Park has so much to offer. But we need reasons for people to come here—and we need more opportunities for the families who already live here.

This project could provide both.

I encourage the City Council to consider not only the immediate impact on one neighborhood—comprised of a very small number of homes, roughly 5–7 neighbors—but the long-term impact on the entire Highland Park community. With the right planning, structure, and safeguards in place, this could be an opportunity to thoughtfully introduce something that brings energy, educational value, and economic support back into our city.

We should be asking: how do we make Highland Park a destination again—for visitors and for our own families?

This proposal may be a step in that direction.

Thank you for your time and consideration, and for your continued commitment to the future of Highland Park.

Warmly,

Jane Faynshteyn

Burhop, Karl

Subject: FW: Champions Point

From: Joe Girten < >
Sent: Tuesday, March 24, 2026 9:32 PM
To: Mayor and City Council <council@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>;
Subject: Champions Point

[EXTERNAL EMAIL]

To the Highland Park City Council,

My name is Joe Girten, and I serve as a Ministry Director at The Chapel. I wanted to take a moment to share a personal experience that has stayed with me, and why I believe it matters as you consider the future of Champions Point.

Recently, I had the opportunity to spend time at the Champions Point property as part of a leadership retreat. It is not an exaggeration to say that the experience was something I will never forget. In ministry, our pace is often fast and full, and it is rare to find a place that truly allows you to slow down, reflect, and be present. That is exactly what we experienced there.

What stood out just as much as the property itself was John Cooper. His hospitality was uncommonly kind and generous. He did not simply open a space to us, he created an environment where our team could step away from the noise, reconnect with one another, and be renewed in a way that directly impacts how we serve others.

That kind of experience does not happen by accident. It reflects the heart of someone who is intentional about using what they have to serve people well. That is the kind of neighbor John has proven himself to be.

From my perspective, what is being proposed at Champions Point is an extension of that same spirit. It is not just about a property, it is about creating something that can positively impact people beyond its immediate use.

I am grateful for the experience I had there, and I hope you will give thoughtful and favorable consideration to what is being proposed.

Thank you for your time,

Joe Girten

Ministry Director

The Chapel

Get Outlook for iOS

Burhop, Karl

Subject: FW: Champions Point

From: Dan Kearns < >
Sent: Tuesday, March 24, 2026 4:00 PM
To: Rotering, Nancy <nrotering@cityhpil.com>; Blumberg, Tony <ablumberg@cityhpil.com>; Meckler Bruckman, Barisa <bbruckman@cityhpil.com>; Center, Jon <jcenter@cityhpil.com>; Lidawer, Annette <alidawer@cityhpil.com>; Ross, Yumi <yross@cityhpil.com>; Tapia, Andres <atapia@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>
Subject: Champions Point

[EXTERNAL EMAIL]

Mayor Rotering and esteemed members of the Highland Park City Council:

I hope all is well.

My name is Dan Kearns, and I feel inclined to send this email to express my level of support for the Champions Point museum concept to be approved.

In my opinion, this museum concept will not only be incredibly beneficial to Highland Park (tax revenue, positive media exposure, additional spending from visitors while in the area, and so much more), it will also benefit the entire Chicago area for the same reasons.

Most importantly, it sounds like the plans include helping underprivileged youth learn how to be great in all facets of life. How can any of us deny the opportunity for that to occur even if a few local residents are opposed to the plans?

We need more positive energy around Chicago, and when it comes to Highland Park in particular, if you ask non-local folks what comes to mind first when hearing the name "Highland Park" the answer will unfortunately be the parade shooting in 2022.

This is Highland Park's chance to be known for something so much better.

Lastly, I grew up with the Jordans and spent time in the house during my youth. As a kid, being able to witness the spectacular home of someone as successful as that was a huge stepping stone in my life to strive to be the best person I could be as well. So many other kids deserve a chance to have a similar positive impact and influence.

I'd welcome the opportunity to discuss my perspective in more detail.

Thanks,
Dan Kearns

Dan Kearns

Burhop, Karl

Subject: FW: Champions Point

From: < >
Sent: Tuesday, March 24, 2026 4:53 PM
To: cityhp <cityhp@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>; Jason, Erin <ejason@cityhpil.com>
Subject: Champions Point

[EXTERNAL EMAIL]

Mayor and City Counsil members,

I am writing as a resident and local small business owner to express my strong support for the proposed Champions Point development in Highland Park.

As someone who is deeply invested in the success and vitality of our community, I see this project as a meaningful opportunity to bring increased energy, visibility, and economic activity to our city. The potential to attract up to 150,000 visitors represents a significant boost not only for local businesses, but for the broader Highland Park community as well.

This past summer, I had the opportunity to attend a gathering hosted by John Cooper, where he brought together a group of local business owners to share his vision for Champions Point. What stood out to me was his genuine commitment to engaging with the community and incorporating feedback from those of us who live and work here. It was clear that this project is being approached thoughtfully, with an understanding of both its economic potential and its impact on the character of our city.

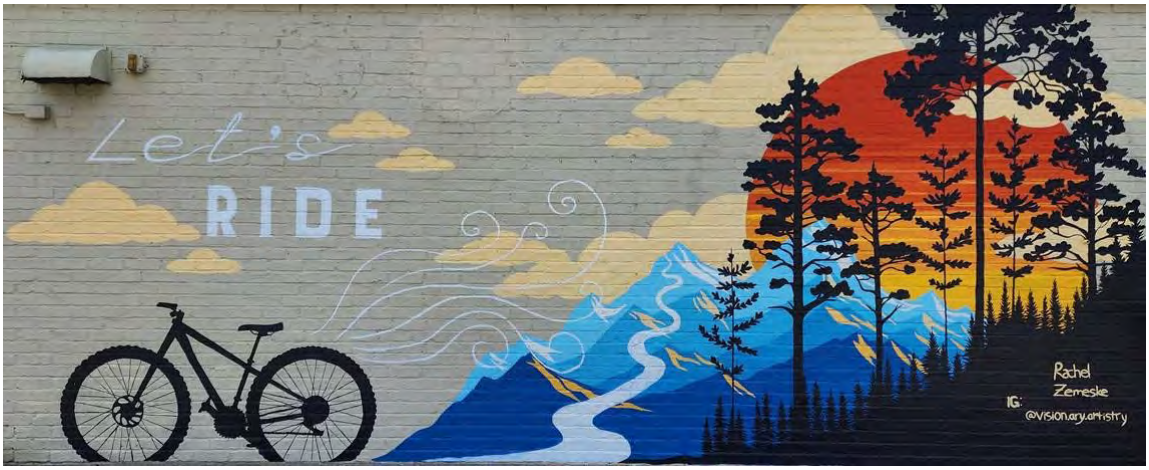
In my view, Champions Point has the ability to create a positive ripple effect—supporting restaurants, retail shops, and service providers, while also enhancing Highland Park's appeal as a destination. Increased foot traffic and new visitors can help sustain and grow the small businesses that are the backbone of our local economy.

I believe this project represents a forward-looking investment in Highland Park's future, and I encourage thoughtful consideration and support as it moves forward.

Thank you for your time and consideration.

Sincerely,

Jim Lederer
www.Bluegrasshp.com
1636 Old Deerfield Road
Highland Park, IL 60035


Let's
RIDE
Rachel
Zemeske
IG:
@visionary.artistry

Burhop, Karl

Subject: FW: My experience at Champions Point

From: Denvil Lee < >
Sent: Wednesday, March 25, 2026 12:39 PM
To: Mayor and City Council <council@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>;
Subject: My experience at Champions Point

[EXTERNAL EMAIL]

To the Highland Park City Council,

My name is Denvil Lee, and I serve as a Pastor at The Chapel in Lake Zurich. In my role, I have the privilege of leading a local congregation while also helping shape leadership and formation of staff and volunteer leaders across multiple campuses in Wisconsin and Illinois. Much of my work centers on developing people, strengthening teams, and creating environments where individuals can encounter God in meaningful ways.

Recently, I had the opportunity to spend time at the Champions Point property with members of our leadership team. That experience was meaningful for me and the leaders in our organization, not because of the setting's famous history, but because of what the space made possible.

In the rhythms of ministry and leadership, it is difficult to find places that allow for both clarity and depth. Most environments are designed to keep us moving, solving, producing…but what stood out about Champions Point was its ability to slow that pace down in a way that was both disarming and necessary. There was a stillness to the property that created room for reflection, honest conversation, and spiritual attentiveness. It allowed our team to engage not just as leaders, but as people.

That kind of environment is rare, and it does not happen by accident. It reflects intentionality.

What I have observed in John Cooper is a consistent willingness to steward what he has in ways that benefit others. This was not about showcasing a property. It was about creating a space that serves people. As someone who works closely with individuals navigating pressure, responsibility, and often unseen burdens, I can say that spaces like this carry real value. They help restore perspective, deepen relationships, and ultimately strengthen the kind of leadership that serves communities well.

From my vantage point, the proposed museum reflects that same posture. It is an extension of a mindset that sees resources not as something to hold onto, but as something to offer. Highland Park is not just evaluating a property. You are considering the character and contribution of a neighbor who has demonstrated a desire to invest in others in tangible ways.

I would encourage you to give this proposal thoughtful and favorable consideration.

Respectfully,



THE CHAPEL
chapel.org

Denvil Lee
LAKE ZURICH CAMPUS PASTOR & PASTOR OF YOUNG ADULTS
[redacted]
330 S Old Rand Rd
Lake Zurich, IL 60047
@thechapelofficial

Burhop, Karl

Subject: FW: Letter of Support for Champions Point Museum

From: Dominique Lenoir < >
Sent: Wednesday, March 25, 2026 6:00 AM
To: Mayor and City Council <council@cityhpil.com>
Subject: Letter of Support for Champions Point Museum

[EXTERNAL EMAIL]

I am writing to express my strong support for Champions Point, The Museum of the Mind of Greatness.

As an educator, I recognize how important it is to provide spaces that motivate young people, build discipline, and reinforce the value of hard work and perseverance. This project reflects those values by transforming a historic home connected to one of the most influential basketball figures into a museum focused on excellence and personal development.

What stands out to me most is the clear commitment to community impact. Champions Point goes beyond being just a museum. It creates opportunities for students and families to engage in meaningful and enriching experiences. The dedication to offering free admission for local residents, student field trips, youth programming, and educational opportunities shows that young people are truly at the center of this initiative. I also value the careful planning that has been put in place to address neighborhood concerns. With organized operations, off site parking and transportation, security measures, and independent studies, it is evident that this project is being approached thoughtfully and responsibly.

I believe Champions Point will become a meaningful space that uplifts, educates, and inspires future generations. I fully support this initiative and the positive impact it will have on the community.

Thank you for your time and consideration.

Burhop, Karl

Subject: FW: Letter of Support for Champions Point Museum

From: Mark Ray Lockwood, Jr. < >
Sent: Wednesday, March 25, 2026 2:51 AM
To: Neukirch, Ghida <gneukirch@cityhpil.com>; Rotering, Nancy <nrotering@cityhpil.com>; Mayor and City Council <council@cityhpil.com>
Subject: Letter of Support for Champions Point Museum

[EXTERNAL EMAIL]

Hello Mayor and City Council of Highland Park:

This letter is on behalf of the IDeaL Education Foundation in support of the Champions Point Museum in Highland Park.

Since 1992, the IDeaL Education Foundation has been dedicated to expanding educational access, fostering youth development, and creating pathways for leadership and opportunity for underserved communities in Chicago and Cook County. We believe this project reflects many of the same values that guide our work, particularly its commitment to access, community engagement, and long-term impact.

We appreciate your time and consideration, and we are confident in the meaningful contributions this initiative can bring to the Highland Park community.

Please feel free to reach out if any additional information would be helpful.

Best,
Mark Lockwood, PhD

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Mark Lockwood, PhD | LinkedIn
e.
m.

Burhop, Karl

Subject: FW: Community Days at Championspoint

From: Erin Murphy < >
Sent: Tuesday, March 24, 2026 11:31 PM
To: Championspoint < >; Neukirch, Ghida <gneukirch@cityhpil.com>; Rotering, Nancy <nrotering@cityhpil.com>; Mayor and City Council <council@cityhpil.com>
Subject: Community Days at Championspoint

[EXTERNAL EMAIL]

To the residents, officials, and stakeholders of Highland Park, Illinois,

My name is Erin Murphy and I have worked with underserved youth for nearly 10 years in the Chicago metropolitan area. In 1998, my parents made the decision to move to a home rooted in the midst of several, overlapping well funded public school districts. They were compelled to make this choice so that my siblings and I would attend schools with well established gifted, AP, and extracurricular programming. In Oak Forest, Tinley Park, and Orland Park, Illinois, I was exceptionally privileged to receive a world class education with high quality and prolific extracurricular programming. My middle school and high school yearbooks are testaments to the full host of activities that I participated in. As an extremely active youth, I participated in anything and everything that my schedule would allow. Consequently, when it came time to take the ACT, I scored in the 98th percentile and my extensive extracurricular resume and high GPA earned me a spot at the University of Illinois at Urbana-Champaign, now a top 50 university in the United States.

Afterschool and co-curricular programming transformed my life trajectory. By affording me meaningful opportunities to advance not only as a scholar, but as a young adult, this purposeful enrichment changed me from the inside out. Today, as an educator, I work in my spare time to give that same programming to our youth in the Chicago area as a Speech Team coach and judge; a program I competed in at the high school level.

While I do not presume to speak for the youth I serve (I find that they are capable advocates if you give them the chance to be heard), I do wish that more people would understand that our young people are worthy of the same opportunities that I received due to the fact that they have the identical potential to self-actualize. I have borne witness to their talents, moral character, and humanity, inside and outside of the classroom. They honor and humble me everyday. They are our future and our present.

While I do also work to advocate for home school districts to offer more enriching opportunities for our students to engage, it is important to understand that the world for our young people cannot simply be limited to the eight block radius around their homes. Just as I was out in the world as a junior and senior high school student representing Sandburg at competitions every week as far away as Bradley, Illinois or taking a summer camp at Illinois State University, it is important that our students engage with communities outside in the world that will provide them with positive experiences for personal development.

Moreover, as a welcoming community for young students of diverse backgrounds, you have a unique opportunity for your residents and stakeholders to engage in rich contemporary culture and conversation surrounding success and achievement in young people. It is my firm belief that we, as people from all socioeconomic statuses, all ultimately strive to better understand what it is that we have in common. The more we learn about each other, the stronger and wiser we are as a group. If my students remain on their islands, then we will never truly get the opportunity to build on our mutually shared culture, nor will we be best capable of overcoming the challenges that the world will give to us.

I understand that there are some concerns over the viability of this program as a museum. I urge you to be patient with the development of this initiative to make space for our young people to achieve the future that they are already well on their way to creating. Let us hope that through the manifestation of this important project, we can later take a point of personal pride in our contributions to this, our bright future.
Warm regards,
Erin Murphy

Burhop, Karl

Subject: FW: Support for the Champions Legacy project

From: Chris Myers < >
Sent: Tuesday, March 24, 2026 3:54 PM
To: Mayor and City Council <council@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>; John Cooper < >
Subject: Support for the Champions Legacy project

[EXTERNAL EMAIL]

Hi,

I'm writing to express my strong support for John Cooper and the Champions Legacy project. The historic home in question holds deep meaning for the Chicagoland community, and especially for Highland Park. Transforming it into a learning center that equips young people with the skills and values that lead to lifelong success is an opportunity to turn a local landmark into a true community asset.

Since 2016, I have served on various boards of the Boys & Girls Clubs of Chicago, and I've seen firsthand how spaces dedicated to youth development can change the trajectory of a child's life. John's vision aligns with that impact, which is why I've chosen to serve on the board for this project. I believe strongly that this initiative is both timely and deeply beneficial for the next generation of local leaders.

I also have a personal connection to Highland Park. As a member of the military reserves, I drill at Fort Sheridan nearly every month and spend a great deal of time in the community. It's a place I care about, and I want to see it continue to thrive.

If you have any questions or would like to discuss further, I would be happy to make myself available. I can be reached at [redacted] or at [redacted] Thank you for your consideration.

Best regards,
Chris Myers

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Chris Myers

Burhop, Karl

Subject: FW: Letter of Support for Champions Point

From: Jahi Raed < >
Sent: Tuesday, March 24, 2026 7:25 PM
To: Mayor and City Council <council@cityhpil.com>
Subject: Letter of Support for Champions Point

[EXTERNAL EMAIL]

To Whom It May Concern,

I'm writing to share my support for Champions Point Museum of the Mind of Greatness.

I really believe this project could be something special, not just because of the history connected to the property, but because of what it could mean for young people, families, and the community as a whole. Turning a place tied to greatness into something that teaches excellence, discipline, character, and hard work feels meaningful, and honestly pretty inspiring.

What stands out to me is that this doesn't seem like a project that is only thinking about itself. From what I understand, there are real community benefits being offered, like free admission for Highland Park residents in the first year, free field trips for students, support for school programming, and donated days for youth and community use. That matters, because too often people talk about giving back without actually putting anything on the table, but this seems different.

I also appreciate that there seems to be a real effort to protect the neighborhood and take concerns seriously. Off-site parking, shuttle transportation, security, privacy measures, and noise controls show that people are at least trying to do this the right way, and I respect that. No project is perfect, but when there is a serious effort to balance something positive for the public with respect for the people living nearby, I think that should count for something.

To me, Champions Point feels like an opportunity to preserve something important and turn it into something that can keep helping others for years to come. A place like this could motivate young people in a real way, and not just around sports either, but around mindset, discipline, and what it means to strive for something better in life.

I'm supporting this project because I believe it has the chance to do real good, and I hope it is given thoughtful and fair consideration.

Thank you for your consideration,

Jahi Raed

Burhop, Karl

Subject: FW: Focus on Economic Impact & Historic Preservation

From: < >
Sent: Tuesday, March 24, 2026 6:43 PM
To: Mayor and City Council <council@cityhpil.com>
Subject: Focus on Economic Impact & Historic Preservation

[EXTERNAL EMAIL]

Subject: Strategic Support for Champions Point - An Opportunity for Tourism

Dear City Council and Mayor Rotering,

My name is Bruce L. Reid Sr., and I am writing to strongly support the zoning amendment request for Champions Point to become a museum.

This site is truly a historic landmark in the basketball world. Rather than letting this massive estate remain a private, underutilized property, transforming it into a museum allows it to become a world-class tourist destination that can drive economic opportunity for Highland Park. The proposed development, with its focus on "greatness," offers a unique "narrative art and rhythmic soundscape" experience that can draw visitors from all over the world.

I believe that with proper management of logistics, this project will become a point of pride for our city. I ask you to support this project and the positive impact it will bring to our community's brand and economy.

Sincerely,

Bruce L. Reid Sr

Burhop, Karl

Subject: FW: Witnessing the Community Impact of Champions Point

From: Matt Slove < >
Sent: Tuesday, March 24, 2026 9:00 PM
To: Mayor and City Council <council@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>;
Subject: Witnessing the Community Impact of Champions Point

[EXTERNAL EMAIL]

To the Highland Park city council,

I recently spent time at the Champions Point property with my leadership team, and the impact of that visit is still with us. I'm writing to you because I believe my experience there offers a window into the kind of neighbor Highland Park has in John Cooper.

My name is Matt Slove, and I serve as Campus Pastor of The Chapel in Libertyville. In that role, I work alongside a team of pastors and ministry leaders who care for several congregations across the northern suburbs. It's work we love, but it's demanding. It is surprisingly rare to find a space where a team can actually get away, be still, and hear from God together.

When John opened his home to our senior staff for a leadership retreat, the effect was immediate. There is a depth of peace and solitude on that property that you just can't recreate. Being removed from our offices and the constant demands of ministry allowed us to be fully present with one another in a way that is rare for us. This was far more than a meeting in a different location; it was a true retreat, and the quiet beauty of that property made it possible. Our team left feeling renewed, more deeply connected, and better equipped to serve the people who depend on us.

Moments like that don't happen by accident. They are the result of someone like John choosing to use what they have for the good of others. That is the posture I have consistently seen in him. He recognized a need, had the ability to help, and responded with a sincere desire to offer something meaningful to people he believed in.

I share this because I believe it speaks to the kind of neighbor and community member Highland Park has in John. The proposed museum reflects the same spirit I experienced firsthand, a willingness to use a remarkable property not only for private enjoyment, but as a gift that can enrich the wider community.

I really hope you will give this proposal your favorable consideration.

THE CHAPEL

Matt Slove
mslove@chapel.org
Pastor
Libertyville Campus
[redacted]

Burhop, Karl

Subject: FW: Champions Point

From: Brad Tokarz < >
Sent: Tuesday, March 24, 2026 8:42 PM
To: Mayor and City Council <council@cityhpil.com>; Neukirch, Ghida <gneukirch@cityhpil.com>
Cc: John Cooper < >
Subject: Champions Point

[EXTERNAL EMAIL]

Good Evening,

I hope this email finds you well and with open minds. My name is Brad W. Tokarz and I wear two large hats in the North Shore Community. I am a Patrol Commander with the Deerfield Police Department and also owner of Blue Iron Investigations and Security, LLC. I am writing on behalf of the opportunities Champions Point and John Cooper can bring to the Highland Park community.

My company had the fortunate opportunity to work the largest gathering at Champion's Point on August 7, 2025. After completing a site assessment with John, he hired 5 off-duty officers for the event to ensure the evening went smoothly and neighbors were happy. It was a complete success of a night as I was there as a guest and can personally vouch for exactly how the night was handled. My security staff informed me the gathering was not loud to the point where it could not be heard at the front gate. Volumes were kept to a minimum and all guests were shuttled in and out. No engines revved and traffic was non-existent. We also kept in close contact with the Highland Park Police Department as to hours of the party and any complaints. From a security standpoint, there were no issues to talk of whatsoever.

Recently, the Deerfield Police Department held a fundraiser at Shepherd Junior High in which all proceeds benefited the 100 Club of Illinois. John was kind enough to donate a 2-hr tour of Champions Point for 12 winners. This donation helped us bring a large amount of money that we would not have raised before his generosity. As recently as this past Friday, I am still hearing about how excellent that donation night was while talking with citizens at Coffee with a Cop at our local Starbucks. More professionals and citizens have asked how Champions Point could assist fundraisers in the near future.

Given what I have experienced and the recognized potential with Champions Point, I think there is a strong benefit to the City of Highland Park. I am certain John Cooper and the City can find ways to hit a home run for all residents of Highland Park.

Thank you for your time,

--
Brad W. Tokarz
President
Blue Iron Investigations and Security LLC

IL License No. 122.001711
IL License No. 119.012052

Burhop, Karl

Subject: FW: Follow-up from the City re: Champions Point

From: Z G < >
Sent: Tuesday, March 24, 2026 11:48 PM
To: Neukirch, Ghida <gneukirch@cityhpil.com>
Subject:

[EXTERNAL EMAIL]

To Whom It May Concern,

I am writing to express my support for Champions Point, The Museum of the Mind of Greatness.

As a young adult from Chicago, I understand how important it is to have spaces that inspire, motivate, and expose people to what is possible. In many of our communities, opportunities like this are not always easily accessible, so a project like Champions Point has the potential to make a real difference.

What stands out to me is that this is more than just a museum. It is a space that creates meaningful opportunities for young people and families. Access to free admission, field trips, and youth programming shows a real commitment to the community and to helping young people grow and see more for themselves.

I also appreciate that the project is being planned in a thoughtful and responsible way. With transportation plans, security measures, and attention to community impact, it is clear that this is being done with respect for the surrounding area.

I believe Champions Point can become a powerful and inspiring space, not just for one community but for people across the city. I fully support this project and the positive impact it can have on future generations.

Thank you for your time and consideration

Burhop, Karl

Subject: FW: In Support of Champions Point

From: Chas Cohn < >
Sent: Tuesday, March 24, 2026 6:41 AM
To: Mayor and City Council <council@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>
Subject: In Support of Champions Point

[EXTERNAL EMAIL]

Hello,

This email is in support of John Cooper and Champions Point Estate. I support John and his efforts because I've seen firsthand the positivity that Champions Point has brought to the community by opening up its doors and allowing select individuals to see life as a champion. John has jumped on the opportunity to donate to many different non-profit organizations, being very generous to causes he's aligned with as well as causes he has had no prior affiliation with. Since meeting John, he has shared his vision with the estate, which is based on greatness, positivity, and upliftment. I've seen firsthand the power of John's kindness and how stepping through the doors can provide such a huge impact to all walks of life. I encourage the council to see the grand vision of how much of a positive impact this property can have on Highland Park. This is a generational opportunity from a caring individual who is looking to make the community better.

Thanks,

Chas Cohn

Burhop, Karl

Subject: FW: Support for Champions Point Museum – A Highland Park Resident & Business Owner's Perspective

From: Boris Kholyavsky < >
Sent: Monday, March 23, 2026 10:58 PM
To: Mayor and City Council <council@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>
Subject: Support for Champions Point Museum – A Highland Park Resident & Business Owner's Perspective

[EXTERNAL EMAIL]

Dear Highland Park City Council Members,

My name is Boris Kholyavsky. I grew up on these streets, played in these parks, and went to school here. Today, I'm raising my own kids in Highland Park — and I own a small business (The Goddard School) just down the road in Deerfield. This community has been the backdrop of my entire life, which is why I feel compelled to write to you today.

I am wholeheartedly in support of Champions Point, and I hope you will be too.

As a dad, the part that gets me most excited is what this means for my kids and every other kid in this city. Free field trips for every Highland Park school student. Free admission for all HP residents in the first year. Forty-eight days a year of donated programming for youth. A curriculum built around excellence and character piloted right here in Lake County. These aren't just nice perks — they're the kind of opportunities that stick with a kid. The kind you look back on years later and realize shaped who you became.

I've also watched Highland Park's downtown long enough to know what it's capable of — and I believe we haven't yet reached our ceiling. Take a walk through downtown Wilmette or Libertyville on a Friday evening. The sidewalks are buzzing, the restaurants are full, and there's a real sense of energy and community life. Highland Park has every ingredient to be that — arguably more so than either of them. What we've sometimes lacked is the kind of anchor that gives people a reason to come from outside our zip code, stay a while, and discover everything we have to offer.

Champions Point could be exactly that anchor. With 108,000 to 180,000 visitors projected annually — up to 500 people a day — our downtown restaurants, shops, and businesses would feel that impact in a real and lasting way. As a business owner, I can tell you that kind of consistent, year-round destination traffic is genuinely rare. It's the difference between a downtown that survives and one that truly thrives.

I know there are neighbors with concerns, and I respect that. But this proposal comes with real, enforceable protections — shuttle-only transportation, privacy fencing, noise controls, security patrols, and even a property value guarantee for the closest neighbors. The people behind this have clearly done the work to be good neighbors.

Highland Park has always been a special place. With Champions Point, it could become the kind of destination that other North Shore communities look at and wish they had. Let's not let that opportunity pass us by.

I hope you'll support it.

Warmly,

Boris Kholyavsky
Owner

The Goddard School®
GoddardSchools.com

Burhop, Karl

Subject: FW: Champions Point

From: Rich Levy < >
Sent: Monday, March 23, 2026 12:06 PM
To: cityhp <cityhp@cityhpil.com>
Subject: Champions Point

[EXTERNAL EMAIL]

Attention City of Highland Park,

I'm writing in strong support of John Cooper and the Champions Point initiative. As someone who's been around Highland Park long enough to know where the good coffee is, I can tell you, this kind of opportunity doesn't come around often.

A facility like this is not just "nice to have." It's the kind of thing that quietly changes the story of a place. People from all over the world get to discover what we already know: this isn't just a dot on a map, it's a community with character, pride, and a little bit of magic.

And let's be honest, getting a behind-the-scenes look at the home of one of the greatest athletes of all time? That's not just exciting, that's the kind of thing you tell your friends about for years. Kids grow up remembering it. Residents feel it.

This isn't something we have to do. It's something we get to do, which is a pretty great position for our town.

Respectfully,

Rich Levy
Founder
Butter & Vine

Burhop, Karl

Subject: FW: Opposition to Proposed "Champions Point" Development Adjacent to Heller Nature Park

From: sophie pottier < >
Sent: Monday, March 23, 2026 9:29 AM
To: Neukirch, Ghida <gneukirch@cityhpil.com>; Fontane, Joel <jfontane@cityhpil.com>
Cc: Rotering, Nancy <nrotering@cityhpil.com>
Subject: Opposition to Proposed "Champions Point" Development Adjacent to Heller Nature Park

[EXTERNAL EMAIL]

To whom it may concern,

We are writing as residents of S Ridge Rd to express our strong opposition to the proposed "Champions Point" development at 2700 Point Lane.

This proposal has only recently come to our attention and unfortunately we will be out of town during the week of the March 30th meeting and therefore unable to attend in person. We are concerned that holding this meeting during spring break will limit participation from residents who are away and may not provide a true representation of the level of sentiment within the community. While we would have preferred to express our views in person, we hope that our email will be taken into consideration in the same way as if we were able to attend.

We chose this neighborhood for its quiet, residential character and its close connection to nature. The prospect of introducing a high-traffic, visitor-oriented use into this setting is deeply concerning. It would inevitably bring increased traffic, congestion and noise into what is currently a peaceful and family-friendly environment.

We are particularly concerned about the impact on safety and quality of life. Children in this neighborhood are able to play outside freely, and many homes—including ours—are in very close proximity to the proposed access routes. The introduction of a steady flow of visitors raises legitimate concerns regarding privacy, security and the sense of safety that residents currently enjoy.

We understand that this proposal would require a change from the property's existing residential zoning in order to permit a non-residential use. This represents a significant departure from the intent of the current zoning framework, which is designed to preserve low-density, single-family neighborhoods, and raises concerns about precedent in the area. We respectfully believe that any future use should remain consistent with the expectations established for this area and support the long-term preservation of its residential character and the interests of the surrounding community.
In addition, we are concerned about the potential environmental impacts on the surrounding natural area. The proposal appears to include the use of Heller Nature Center as a direct access point to the property, including possible use or extension of existing park trails. Significantly increased foot traffic associated with this access could result in trail erosion, disturbance to wildlife, and a diminished sense of tranquility and ecological integrity within the nature center. We respectfully request careful consideration of these impacts on a valued community natural resource.

We ask that you carefully consider the broader and long-term implications of this proposal and to oppose any zoning change or approval that would permit this type of use in a residential area.

We would be grateful if you could please confirm whether this email will be included as part of the public comment submissions for the March 30 meeting? If not, we would be grateful if you could let us know the correct process to ensure our comments are formally received and included in the record.

Thank you for your time and consideration.

Sincerely,

Sebastien and Sophia Pottier
1850 S Ridge Rd

Zhou B Art Center| 1029 W. 35th Street| Chicago,IL 60609|

March 19, 2026

Dear Community Members,

We are writing this letter to give our full support to Champion's Point. The Zhou Brothers have long believed that art and sports share a powerful and meaningful connection. Both are universal languages that transcend cultural and social boundaries, bringing people together through expression, discipline, and passion. Whether through the fluid motion of a paintbrush or the dynamic energy of athletic movement, both art and sports inspire creativity, foster resilience, and encourage individuals to push beyond their limits.

This shared spirit is rooted in dedication, practice, and the pursuit of excellence. Just as athletes train to refine their performance, artists continuously explore and evolve their craft. Both fields celebrate individuality while also building a sense of community—uniting people through shared experiences, emotion, and storytelling.

Converting Michael Jordan's original residence into a museum within a residential neighborhood is an exceptionally imaginative initiative. It would generate significant benefits for the community's growth while also inspiring and uplifting the human spirit. By bringing art into the heart of the community, we create opportunities for engagement, education, and inspiration right where people live. A local museum becomes more than a cultural space—it becomes a gathering place where neighbors can connect, families can learn together, and individuals of all ages can explore their creativity.

The presence of a museum enriches the community by increasing access to the arts, supporting local programming, and encouraging cultural dialogue. It can also contribute to neighborhood vitality by attracting visitors, supporting nearby businesses, and fostering a sense of pride and identity among residents.

Ultimately, we believe that integrating art into everyday life—just like sports—helps build stronger, healthier, and more connected communities. We would be honored to work with Champion's Point to create art that inspires and connects with each individual's inner strength.

Warm regards,

Zhou Brothers

Artist and Founder of Zhou B Art Center



Burhop, Karl

Subject: FW: 2700 Point Lane. Highland Park. conversion to museum.

From: Don Levin < >
Sent: Sunday, March 22, 2026 11:00 PM
To: Neukirch, Ghida <gneukirch@cityhpil.com>; Fontane, Joel <jfontane@cityhpil.com>; Rotering, Nancy <nrotering@cityhpil.com>; brianromes@pdhp.com
Subject: 2700 Point Lane. Highland Park. conversion to museum.

[EXTERNAL EMAIL]

Hello.
I am Donald levin. My wife and I have lived at 3001 Ridge Rd, Highland Park for over 30 years. The house is the driveway north of the driveway entrance to the Heller Nature Center. We purchased the land from Dr. Bradford who donated the landon which the Nature Center's driveway is located. Dr. Bradford believed the land should remain as natural as possible, and we agree with that belief. Upon purchase of the land, there were 4 lots, we consolidated into one. We also ran sewer to the property and gave the Heller Center an easement for free to run their sewer to ours, so they could get off of septic. For the past thirty plus years we have lived in a beautiful area surrounded by the Center. In the evening when the driveway is closed, we watch beautiful animals wondering quietly in the area. The Center is truly a wonderful place. It serves the community, particularly children. When they visit and see the natural settings, without manmade obstructions, it is a wonderment to them. The Heller Nature Center does exactly what the founders contemplated. I know of no other place like it anywhere near Highland Park.
Allowing the Center to be turned into a commercial parking lot for and adding walkways for one hundred thousand visitors a year would be a crime against nature itself. Those people would not be going to the Nature Center for its beauty but to park and walk to see a house that an incredible athlete lived in MANY years ago. The noise, garbage and disturbance would take a terrible toll on the land, animals and flora. 2700 Point Lane is not a museum, rather just a big house that was on the market for many. many years. There is no history there, just a house someone exceptional lived in until his divorce. Frankly, I am surprised that you are even contemplating such a change. I hope it is just to give the new owner a fair hearing. My wife and I, along with I am certain all of the neighbors are absolutely against this conversion to a museum. We would fight this change with everything we have.
You may post this publicly.
Than you for your time.
Donald Levin

Burhop, Karl

Subject: FW: New Owner of Michael Jordan's House

From: Andrew Brown < >
Sent: Wednesday, January 28, 2026 4:48 PM
To: Anthony Blumberg < >;
Subject: New Owner of Michael Jordan's House

Tony:

I'm writing to introduce you with this email to Gail's cousin, Mitch Feiger.

Mitch and his wife Kathy live in Highland Park in the same neighborhood as Michael Jordan's home.

They, like Gail and myself, are opposed to the concept put forth by the current owner of the home to turn the house into some sort of tourist attraction or hospitality property. It's disruptive to the neighbors and to Highland Park residents that may want to enjoy the Heller Nature Center.

Being direct: it's a stupid idea and it's harmful to the nearby residents!

Mitch will likely chime in using more diplomatic language. But you've known me long enough that I was confident I could state my thinking clearly!

Hope you and Sue and the kids are well. Gail and I leave for California for much of February, mostly to visit Joey, Eliza, Maddi, and granddaughters!

Hope to see you soon upon our return!

Thanks!!!

--
Andrew W. Brown

Burhop, Karl

Subject: FW: 2700 Point Lane Commercialization of an R2 Zone

From: Michael Friduss < >
Sent: Monday, March 16, 2026 10:18 AM
To: Rotering, Nancy <nrotering@cityhpil.com>; Meckler Bruckman, Barisa <bbruckman@cityhpil.com>; Ross, Yumi <yross@cityhpil.com>; Blumberg, Tony <ablumberg@cityhpil.com>; Tapia, Andres <atapia@cityhpil.com>; Lidawer, Annette <alidawer@cityhpil.com>; Center, Jon <jcenter@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>
Subject: 2700 Point Lane Commercialization of an R2 Zone

[EXTERNAL EMAIL]

Mayor Rotering
Members of the City Council

You may recognize this letter; I sent it in January in lieu of attending the January Council meeting at which I thought Mr. Cooper was presenting his revised plan for 2700 Point Lane. As it turns out, he will presenting his plan at the March 30 meeting and I would like to reiterate our opposition, on the record, to **any** plan he presents, revised or not, that would change the use of the property to anything other than a lived-in residence.

We have lived in our house for 33 years, have raised our children here (and now grandchildren), and have been strong supporters of everything Highland Park for all these years. We love our house, our neighborhood, and Highland Park.

We are opposed to **any** commercialization of the property that occupies nearly 40% of our subdivision, Architecture Point. The impact on our quality of life and on our property values would be catastrophic.

Unlike Ravinia, where 100% of current residents moved in with full knowledge of Ravinia's impact on their lives, 100% of current residents of Architecture Point, Mavor Lane, and surrounding neighborhoods had and have an expectation of the peace, quiet, and safety that comes with R2 zoning. And that is what we have had, even when Michael Jordan was in residence.

We hope you won't be swayed by John Cooper's proposal of a "living museum to greatness," essentially "Graceland North." And we hope you won't be swayed by his offer of charitable use, whether 13% as he has proposed or 50% or even 100%.

Mr. Cooper only cares about one thing: Making money on his $9.5 M investment.

We don't believe he really cares about charity, training courses teaching "positive values and life skills," or creating a "Greatness Curriculum." If he really did, this would not be what seems like a last grasp plan..

We have not yet had the opportunity to review any studies Mr. Cooper will present (if any, they won't be posted to the City website until after the deadline for submission of this letter) related to property values, traffic studies, or environmental impact studies. However, although Mr. Cooper claims his proposal will "help the community," just the opposite is true. His proposal will harm our neighborhood and the community by irrevocably altering peace, noise, safety, security, and property values for the worse.

We urge the Members of the City Council to vote NO on Mr. Cooper's plan and put a stop to it at your March 30 meeting.

Thank you,

Betsy and Michael Friduss
1555 Museum Drive
Highland Park. IL 60035

Burhop, Karl

Subject: FW: 2700 Point Lane/Museum of Greatness

From: Bruce Mason < >
Sent: Friday, March 13, 2026 9:46 AM
To: Neukirch, Ghida <gneukirch@cityhpil.com>; Burhop, Karl <kburhop@cityhpil.com>; Blumberg, Tony <ablumberg@cityhpil.com>; Meckler Bruckman, Barisa <bbruckman@cityhpil.com>; Center, Jon <jcenter@cityhpil.com>; Lidawer, Annette <alidawer@cityhpil.com>; Ross, Yumi <yross@cityhpil.com>; Tapia, Andres <atapia@cityhpil.com>; Rotering, Nancy <nrotering@cityhpil.com>
Cc: Terri Mason () < >
Subject: 2700 Point Lane/Museum of Greatness

[EXTERNAL EMAIL]

My wife Terri and I have lived in Highland Park for 35 years. In my opinion, we live in a location that will not be negatively impacted by this proposed change in zoning and use.

However, it's an embarrassment to the City as a whole that this project has continued as far as it has. At the March 30th meeting, we strongly encourage the City Council to terminate consideration of this project. To continue to entertain any aspect of this project is a waste of City resources.

Bruce P. Mason

Mason, Wenk & Berman LLC
630 Dundee Road, Suite 120
Northbrook, Illinois 60062
Direct:
Fax:
Direct Fax:



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Burhop, Karl

Subject: FW: Support for John Cooper's Community-Minded Proposal

From: Jessica Merar < >
Sent: Friday, March 13, 2026 4:57 PM
To: Mayor and City Council <council@cityhpil.com>
Subject: Support for John Cooper's Community-Minded Proposal

[EXTERNAL EMAIL]

Dear Mayor Rotering and Members of the Highland Park City Council,

I am writing to share my perspective regarding John Cooper and the proposal currently under consideration involving the Champion's Point property.

I serve as Executive Director with The Dragonfly Foundation Chicago, a nonprofit organization that supports pediatric cancer patients, survivors, and their families during some of the most difficult moments of their lives. I felt compelled to write because of the extraordinary generosity John has shown to our organization and the families we serve.

John first became involved with Dragonfly simply because I asked if he might be willing to support our mission. At that time, he had no personal connection to our organization or the families we serve. Nonetheless, he immediately stepped forward with enthusiasm and kindness. For one of our fundraising events, he generously donated an experience at the property that included a private tour and basketball on the court. The impact of that donation on our ability to support families facing pediatric cancer was significant.

Beyond that, John also graciously hosted a group of Nova survivors from Israel at the property...purely out of the goodness of his heart and his desire to provide a meaningful experience for others.

In my interactions with John, I have consistently seen someone who leads with generosity, thoughtfulness, and a sincere desire to create positive experiences for people. I also know that he has spent considerable time thinking through how his plans for the property could be implemented responsibly and with respect for the surrounding community.

While I recognize that decisions regarding land use and neighborhood impact require careful consideration, I wanted to ensure the Council had the perspective of someone who has directly witnessed John’s character and his willingness to use his resources to benefit others.

Whatever the outcome of the Council’s deliberations, I hope this note helps illustrate the type of person John is and the spirit in which he approaches his projects and philanthropic efforts.

Thank you for your time and for the work you do on behalf of the Highland Park community.

Sincerely,
Jessica Merar

Jessica Merar, CCLS
Executive Director, Chicago
M:
E:

Burhop, Karl

Subject: FW: Opposition to Commercialization of 2700 Point Lane

From: Dina Nasr < >
Sent: Monday, March 16, 2026 9:32 PM
To: Mayor and City Council <council@cityhpil.com>
Subject: Opposition to Commercialization of 2700 Point Lane

[EXTERNAL EMAIL]

Dear Members of the Highland Park City Council,

I am writing to convey my unequivocal opposition to the proposal to commercialize 2700 Point Lane, the former residence of Michael Jordan, into a public "museum of greatness."

My family and I relocated to Highland Park in 2019 with the deliberate intention of escaping the congestion, noise, and incessant activity of urban life. Like many residents, we selected this community for its tranquility, privacy, and the secure, residential environment it affords families and children.

We reside on a cul-de-sac where our young children play freely, with the reasonable expectation of safety inherent to a low-traffic residential enclave. The proposed entrance to this commercial venture would be situated directly in front of our backyard—an area where our children play daily. The prospect of thousands of visitors congregating, circulating, and loitering effectively at the perimeter of our home is profoundly disturbing. This is not merely an inconvenience; it represents a fundamental encroachment upon our safety, a severe erosion of our privacy, and a complete repudiation of the peaceful living environment we intentionally sought to secure.

The introduction of a high-traffic commercial attraction, projected to draw tens of thousands of visitors annually, would irrevocably alter the character of this neighborhood. The inevitable influx of vehicular congestion, pedestrian traffic, and transient visitors will dismantle the quiet, secure, and family-oriented fabric of this residential area.

Equally concerning is the detrimental impact this development would impose on the surrounding natural environment, particularly the area encompassing Heller Nature Center. This cherished community asset

embodies the serenity and natural beauty that define our neighborhood. Converting adjacent residential streets into thoroughfares for mass visitation will inevitably introduce noise pollution, environmental degradation, and persistent disruption to this otherwise tranquil setting.

It is particularly troubling that a disruption of this magnitude to a well-established residential community is being advanced primarily for the financial gain of one individual. When asked directly whether he would choose to live next to such a development, Mr. Cooper himself stated that he would not. This acknowledgment highlights the inherent incompatibility of this proposal with a residential setting. A City Council exists to shield its residents from exactly this type of excessive and unsuitable development.

Furthermore, residents have already been subjected to disruptive gatherings that appear to have coincided with opposition to prior proposals. Such actions are not merely intrusive; they reflect a concerning disregard for the well-being of surrounding families and raise substantive concerns regarding the potential long-term consequences should this project be approved.

This proposal compels serious consideration of its broader consequences:

- How many families will be deprived of the safety, privacy, and tranquility they deliberately sought in this community?
- How many children will lose the ability to play freely and securely within their own neighborhood?
- To what extent will increased commercialization, congestion, and environmental strain diminish our collective quality of life?

I respectfully but emphatically urge the Council to fulfill its duty to protect its residents, preserve the sanctity of our homes, and uphold the defining characteristics of this community. Please reject the commercialization of 2700 Point Lane and maintain the residential integrity of our neighborhood.

Thank you for your time and thoughtful consideration.

Sincerely,

Dina & Kareem Nasr

1535 Museum Dr

Highland Park, Illinois

Burhop, Karl

Subject: FW: 2700 Point Drive Zoning Change

From: Ron Nisson < >
Subject: 2700 Point Drive Zoning Change
Date: March 15, 2026 at 8:40:27 PM CDT
To: "nrotering@cityhpil.com" <nrotering@cityhpil.com>, "cityhp@cityhpil.com" <cityhp@cityhpil.com>
Cc: Ron Nisson < >

[EXTERNAL EMAIL]

Dear Mayor, and the Highland Park City Council

In August of 2024 me and my wife decided to purchase 1550 Museum Drive. At that time we were looking for a small quiet neighborhood that still offered us to be close to a nature preserve. When we lived in Long Grove for thirty plus years our house was surrounded by 150 acres of nature preserve. This was a wonderful place to raise our family. We needed to move closer to our children and Grand children so we decided to look at ranch homes in Highland Park. We absolutely fell in love with the Architecture Point neighborhood. We met most of the neighbors and we decided it would a peaceful and wonderful place for our children and grandchildren. After we closed in august 2024 we started to file for permits to totally remodel the house at 1550 Museum Drive. During the course of the last year we invested a lot of time and money to rehab the house we purchased. In that time Mr. Cooper never sent a letter or stopped by to do his due diligence regarding his plans before he purchased 2700 Point Drive. I even did my due diligence by talking to Highland Park and the neighbors to get some feedback about the construction I wanted to do to the current house. This was done BEFORE I closed on my house. I met Mr. Cooper about one month after he purchased 2700 Point Drive. At that time he told me that 90 percent of the neighbors were excited and enthusiastic about his plans. That was a lie, to get me to approve of his plans. He also asked me if I knew any lenders interested in taking over his current loan which had a high rate of interest. If I would have known about his ridiculous plans for the 2700 Point Drive property I would have never purchased the house on Museum drive. Since we purchased our house he has had large amounts of people coming in and out for various functions. At one point in time vehicles were stopped on Point Drive looking at me and all my grandchildren playing games in our backyard, which happens to face Point Drive. This neighborhood has turned into a commercial zone due to all of his different plans he has proposed for his property. I said to him you bought a beautiful house to raise your family in and his reply was that the house was going to be a Billion Dollar business. He never had any intention of moving out of Lincolnshire. This was going to be a profitable business with thousands of cars a year visiting his so called Museum. He has created havoc and fear in our neighborhood for all the homeowners and children that live in our neighborhood. People did not move here to be in a COMMERCIAL ZONE! That is not where me or my neighbors want to raise our children and grandchildren. He could care less about anyone in the neighborhood. ALL HE CARES ABOUT IS MAKING MONEY AT THE EXPENSE OF ALL THE NEIGHBORS , SORROUNDING NEIGHBORS and the Park District. Donating profits to organizations and the park district is all smoke and mirrors to gain votes. His goal is not to help anyone but John Cooper!

If John Cooper would have done his due diligence like everyone else that purchases property we would all not be going through this at the present time. Cars in and out of our neighborhood that do not belong in our neighborhood. Large tour buses parked in front of my house running for hours in the evening etc..... Excessive noise, people driving through my driveway, reporters taking pictures of the neighborhood and my family is a total invasion of my privacy. I beg the board to picture themselves as a homeowner in our neighborhood. How would they like to live the way we are living due to all of Coopers Various business ideas

for his property. Residential is zones residential so people can live in that neighborhood not having to worry about a commercial zone. Approving this zoning change will change the village of Highland Park forever. Anytime someone wants to change residential zoning to Commercial Zoning Architecture Point will be used as a example for years to come. Security, safety, and decreased property values will affect our neighborhood and all of the surrounding neighborhoods. Cooper's answer is to literally destroy a nature center and several neighborhoods so that he can create his Billion dollar business. It is funny that everyone has to sacrifice everything so that Cooper can make money. The bottom line is COOPER SHOULD HAVE DONE HIS DUE DILIGENCE BEFORE HE PURCHASED 2700 POINT DRIVE! IF HE WOULD HAVE DONE THAT WE WOULD NOT BE DISCUSSING THIS ISSUE TODAY. CHAMPIONS POINT IS A CLEVER NAME HE HAS CREATED THAT CLAIMS TO CREATE MOTIVATION, WEALTH AND SUCCESS.

We would be attending the meeting with many neighbors but the meeting is right in the middle od spring break. Most people are on vacations with there families including me and my family.

DEAR MAYOR AND THE HIGHLAND PARK CITY COUNCIL VOTE NO BEFORE THIS GETS OUT OF HAND AND CREATES MANY LEGAL AND ZONING ISSUES FOR THE VILLAGE THAT THE VILLAGE DOES NOT NEED. THERE HAS BEEN ENOUGH NEGATIVE ENERGY THE LAST FOUR YEARS. LETS BUILD THE VILLAGE UP NOT TEAR IT DOWN. RESPECT YOUR NEIGHBORS AND THE HIGHLAND PARK VILLAGE RESIDENTS.

Thank You!

Sincerely,

NEIGHBORS

Nisson Family
1550 Museum Drive.

Ronald Nisson, President
C&R Scrap Iron & Metal LLC
Archer Recycling LLC
4619-4655 South Knox Avenue
Chicago, IL 60632

www.crscrap.com



"GO GREEN"
Please consider the environment before printing this email.

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Dear Council Member,

I am writing to share my deep concerns based on my personal experience living in a small cul-de-sac adjacent to the former Michael Jordan residence in Highland Park. Our cul-de-sac consists of only three homes, and we are directly connected to a narrow public path that also borders the backyards of neighbors on the next block. This path runs just feet from our homes.

The new owner of the former Michael Jordan property intends to connect this existing path to a new walkway leading from the Heller Nature Center parking lot to his estate. This change would create a continuous public corridor running directly alongside the sides and backs of our homes. It would bring a steady flow of strangers into an area that has always been private, quiet, and safe. The idea that unknown individuals could observe our homes and our daily routines at all hours is deeply unsettling. My neighbors and I would no longer feel secure in our own backyards or even inside our homes.

In addition, the owner plans to operate a "Greatness Museum" on the property, with four buses running daily to transport workers and ADA visitors during operating hours. This would bring even more unfamiliar individuals into our cul-de-sac, increasing foot traffic, vehicle traffic, and opportunities for strangers to watch residents as we come and go or work around our homes. Subcontractors responsible for maintenance and repairs would add yet another layer of constant activity and unfamiliar presence.

There has been no explanation of how garbage, food waste, or portable restrooms needs would be managed during museum operations. All of this would place a significant burden on a cul-de-sac that was never designed to handle commercial-level traffic or services.

We have already experienced the impact of large gatherings hosted by the owner. Over the past year, he has held six evening events, including one with nearly 400 attendees. Charter buses and numerous personal vehicles filled the cul-de-sac. At one point, I nearly was hit by one of the buses while trying to ensure the safety of several teenagers on e-bikes who were at risk of being struck. Later that same evening, a guest of his parked in my driveway for 15 minutes to wait for traffic to clear, blocking our ability to leave our home. During these events, no emergency vehicle could have reached us if needed.

It is important to note that school buses are prohibited from entering cul-de-sacs in our subdivision because there is not enough room for them to maneuver safely. Yet the new owner believes he can run large charter size buses into our cul-de-sac daily at all hours. This is not only inconsistent with existing safety standards - it is dangerous.

The owner has stated that he has not charged admission for these events, yet social media posts have advertised them with ticket prices. This raises additional concerns about the scale and nature of activities being conducted. Loud music, speeding vehicles, and heavy traffic have already disrupted the peace and safety of our neighborhood.

Finally, the owner does not live in the home. He proposes changes that would fundamentally disrupt our community, then returns to his legal residence in Lincolnshire. The people who will bear the consequences are the long-time residents who live here every day.

I urge the Council to consider the profound safety, privacy, and quality-of-life impacts these plans would have on our small neighborhood. This property is in an R2 zoning district and should not be changed to a commercial or special zoning district. The scale and nature of what is being proposed is incompatible with the character and capacity of our cul-de-sac and surrounding homes.

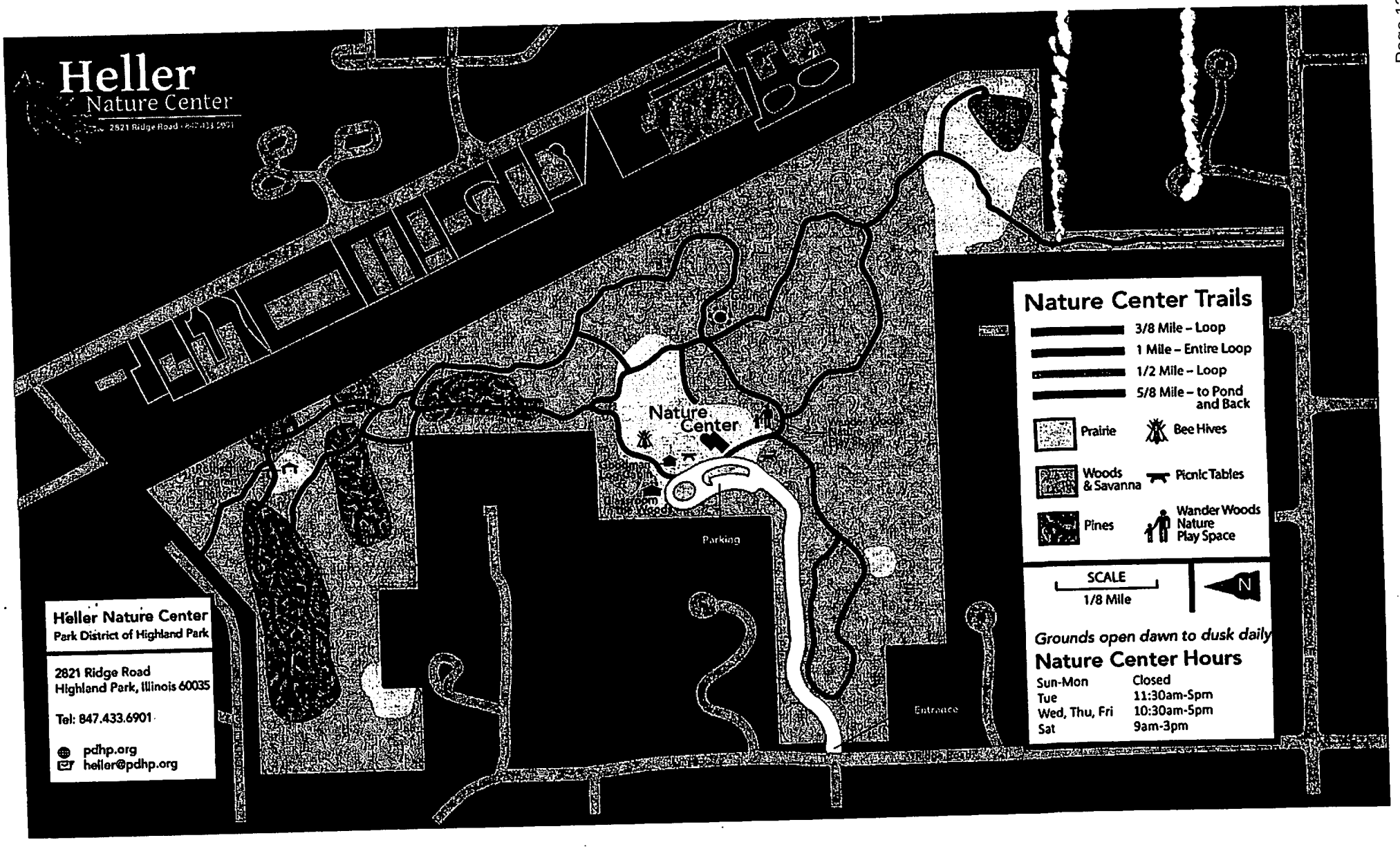
Thank you for your attention to this matter and for your commitment to protecting the well-being of Highland Park residents.

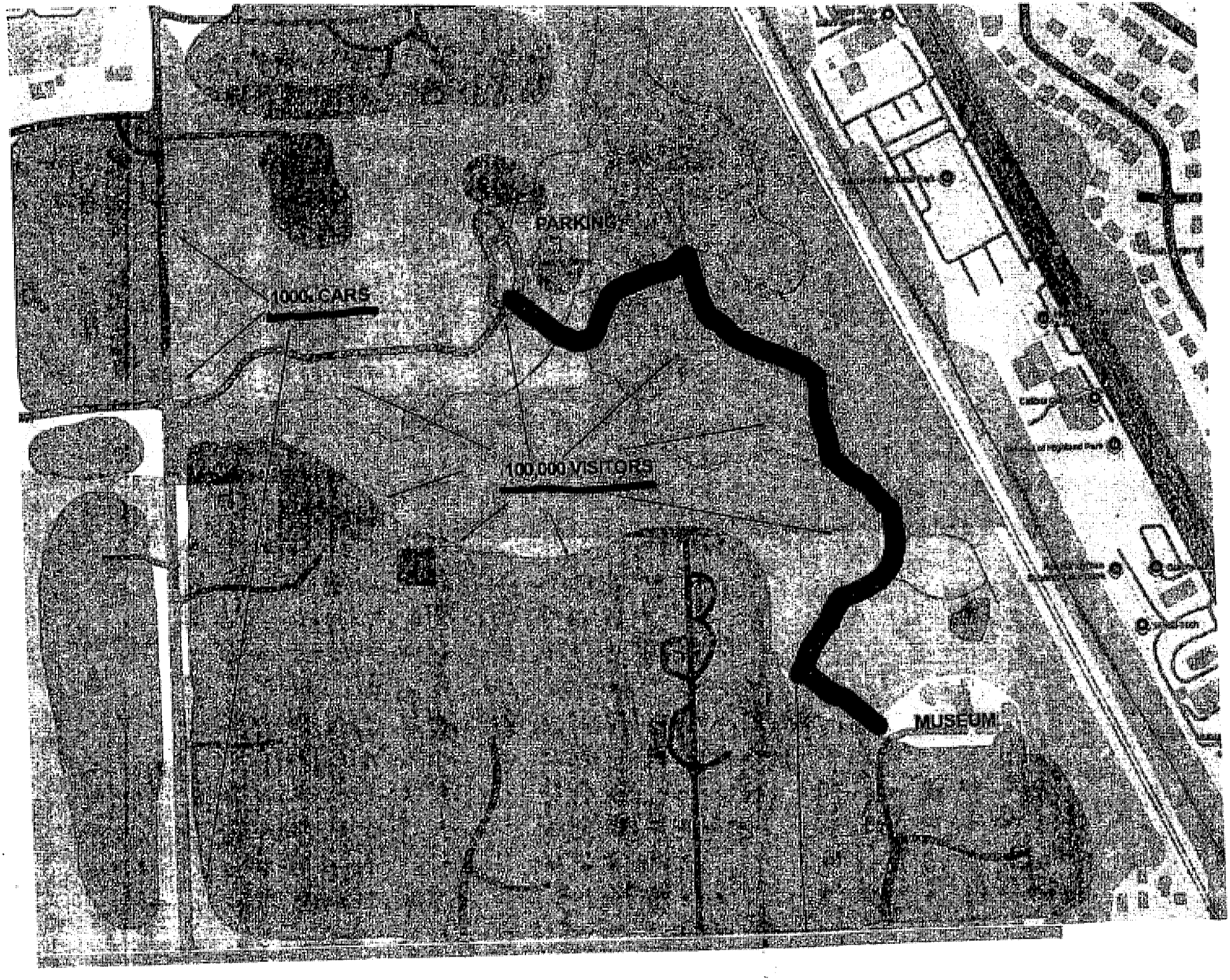
Sincerely,

Paula Serlin
2650 Point Lane
Highland Park, IL 60035

Heller path

My house




PARKING
1000 CARS
100,000 VISITORS
MUSEUM

Burhop, Karl

Subject: FW: Objection to Commercialization of 2700 Pointe Lane

From: Anna Slavin < >
Sent: Tuesday, March 17, 2026 4:52 PM
To: Neukirch, Ghida <gneukirch@cityhpil.com>
Cc: Fontane, Joel <jfontane@cityhpil.com>
Subject: Objection to Commercialization of 2700 Pointe Lane

[EXTERNAL EMAIL]

Dear Mrs. Neukirch and Mr. Fontaine,

Please consider this letter our formal objection to the proposal to convert the former Michael Jordan residence at 2700 Pointe Lane into a museum.

We reside at 2771 Ridge Road in Highland Park and strongly oppose this project due to concerns about safety, increased traffic, and preservation of the residential character of our neighborhood**.**

The property is located in an R2 residential zone, and converting it into a public attraction would fundamentally change the nature of this quiet residential area. A museum dedicated to a global figure such as Michael Jordan would attract significant visitor traffic, creating congestion on Ridge Road and raising safety concerns for nearby residents.

Additionally, our neighborhood is closely connected to the natural environment surrounding the Heller Nature Center. Increased commercial activity would negatively impact the wildlife, tranquility, and natural character that residents value and sought when choosing to live in this community.

We moved to Highland Park in 2010 and immediately fell in love with this community. The sense of safety, privacy, and genuine neighborly connection is rare—especially in the greater Chicagoland area. It is a place where we felt comfortable raising our children, where they could play freely in the backyard without fear, and where everyday life felt secure and peaceful. That sense of security and quality of life is not easily replaced—and we strongly believe it would be irreversibly compromised if this project is approved.

This proposal is not simply a property use change; it represents a fundamental shift in the identity of our neighborhood. Once that shift occurs, it cannot be undone.

For these reasons, we respectfully and firmly oppose the commercialization and any rezoning of this residential property. We ask that our objection be entered into the public record.

Thank you for your time and consideration.

Sincerely,
Anna and Peter Slavin

2771 Ridge Rd
Highland Park, IL

--
Anna Slavin
Global Pain and Spine Clinic
Practice Manager

Burhop, Karl

Subject: FW: Opposition to Zoning Change at 2700 Point Lane

From: Roxana Zadeh < >
Sent: Monday, March 16, 2026 2:14 PM
To: Rotering, Nancy <nrotering@cityhpil.com>; Lidawer, Annette <alidawer@cityhpil.com>; Tapia, Andres <atapia@cityhpil.com>; Blumberg, Tony <ablumberg@cityhpil.com>; Ross, Yumi <yross@cityhpil.com>; Meckler Bruckman, Barisa <bbruckman@cityhpil.com>; Center, Jon <jcenter@cityhpil.com>
Cc: Elrod, Steve < >; Neukirch, Ghida <gneukirch@cityhpil.com>
Subject: Opposition to Zoning Change at 2700 Point Lane

[EXTERNAL EMAIL]

To The Honorable Mayor Rotering and Members of the Highland Park City Council:

As 14 year residents and homeowners in Architecture Point, where we thoughtfully chose to live and start our family, and are now raising our young children, we would like to reiterate our strongest opposition to the proposal of making a specialized exception for commercialization of the R2 zoned property at 2700 Point Lane. It disheartens us and our neighbors that the Highland Park City Council would even consider a betrayal to Highland Park's own residential code on a magnitude of this scale. The existing zoning ordinance is a cornerstone reason why families make decisions to invest their personal lives and financial resources in the greatness of Highland Park. And now its integrity is unnecessarily under threat, and cannot be taken for granted.

For over 2 years, we as residents have been burdened by the litany of disjointed and disruptive proposals by John Cooper to profit from the residence at 2700 Point Lane. And now, with the latest proposal before you, you have been bombarded with a myriad of independently legitimate reasons to deny this proposal from moving forward at all.

The current proposal relies on hundreds of thousands of non-residents of Highland Park regularly venturing through and around R2 and R3 residential neighborhoods, for which the zones were explicitly never intended. We and our neighbors chose to reside in this community, for the very benefits that Highland Park's residential code offers.

We trust that you will not risk the safety, security, privacy, tranquility and property market value of our homes. Not to mention the ecological degradation to Highland Park's jewel, the Heller Nature Center. Moreover, three of the properties in Architecture Point, two of which share a property line with 2700 Point Lane, are actually in the R3 residential zone. Your decision will impact properties and their comparable market values ("comps") throughout the both R2 and R3 zones.

Highland Park residents and property owners must now have faith that you, as the stewards of Highland Park's good governance, clearly recognize that this latest proposal to convert the property to a so-called "museum of greatness" is merely a transparent disguise under a cloak of benevolence, whose actual purpose is a first step to actually break the R2 zoning code with a special exemption for this property - in order to set a precedent to which any future more aggressive commercialization ventures of the property would be more difficult to

deny. We hope you will not allow any fabricated term such as “charitable use” to distract from personal financial and tax benefits commercialization stands to gain. Moreover, it had been stated by a member of the city council in a prior city hearing on this subject, that the council reserves the authority to make individual determinations to prevent such an exemption to be used as a precedent for future proposals. This brings us absolutely no solice, neither legally, pragmatically, nor politically; particularly knowing that Mr. Cooper has stated in prior emails (all correspondence to which you as HP council already have) that he intends to use any tools at his disposal, even if that requires utilizing his financial and other influences to change the future membership of the Highland Park city council itself.

Mr. Cooper has stated publicly before you that he does not reside at the property, let alone not in Highland Park, and has no intention to do so. By making a specialized exemption to the R2 zoning for commercialization by an individual investor plainly contradicts one of Highland Park’s core values of maintaining policies through a lens of equity for all of its residents, rather than actively engaging in altering city code for an individual’s personal venture.

It is with gratitude that we entrust you to not play an active role in unnecessarily continuing this emotionally arduous process, jeopardizing your residents with easily foreseeable negative consequences, and plaguing Highland Park with multitudes of challenges for years to come.

In my line of work, I am compelled daily of my oath “Primum non nocere (first, do no harm).” Highland Park residents have faith that our council will as well.

Respectfully and sincerely,

Dr. Cameron and Roxana Haery

Burhop, Karl

Subject: FW: Educational Visit Request – Saint Norbert 8th Grade | Michael Jordan Estate (Highland Park)

From: Joe Seymour >
Sent: Thursday, December 11, 2025 7:50 PM
To: Neukirch, Ghida <gneukirch@cityhpil.com>; Fontane, Joel <jfontane@cityhpil.com>
Subject: Educational Visit Request – Saint Norbert 8th Grade | Michael Jordan Estate (Highland Park)

[EXTERNAL EMAIL]

Dear Ms. Neukirch and Mr. Fontane,

My name is Joe Seymour, and although my family now resides in Deerfield, we lived in Highland Park, Illinois for 13 years on Tennyson Lane, and we remain closely connected to the community.

I am writing as a former Highland Park resident and as the parent of an eighth-grade student at Saint Norbert School in Northbrook. My daughter, Ava, is currently enrolled in a course called High School 101, where students study real examples of individuals who faced adversity early in life. As part of the curriculum, they recently read an article about Michael Jordan and the challenges he faced when entering high school, and the students are now tasked with writing a paper analyzing those challenges and the lessons that can be applied to their own transitions into high school.

Given the unique significance of Michael Jordan's former residence in Highland Park—and the emerging Champions Legacy initiative—

I wanted to respectfully request the City's support for an educational opportunity tied directly to this assignment.

Mr. John Cooper, the current owner of the property, has graciously agreed to allow Saint Norbert's eighth-grade class to visit the estate at no cost as part of this educational experience, if the city will allow.

This would be a structured, supervised school visit—not a public tour—and would serve solely as an extension of the students' coursework.

This visit would:

- Provide students with a meaningful, real-world connection to the perseverance and discipline they are studying.
- Reinforce the idea that greatness is developed through challenge, not circumstance.
- Align closely with Champions Legacy's mission of helping young people understand character, potential, and leadership.
- Create an educational moment that reflects positively on Highland Park as a community that supports learning and youth development.

Saint Norbert School and I would be happy to coordinate all logistics, supervision, scheduling, and any parameters required by the City to ensure the visit is respectful, well-managed, and fully compliant with local expectations.

As someone who spent many years raising a family in Highland Park, I believe this type of educational engagement represents the very best of what the community stands for.

Thank you for your time and consideration. I would welcome the opportunity to discuss this further if helpful.

Best regards,

Joe Seymour
E-Blox, Inc

Burhop, Karl

Subject: FW: Oct 15 City Council Meeting and Champions Point Proposal

From: Mark Walton < >
Sent: Thursday, December 11, 2025 9:14 PM
To: Neukirch, Ghida <gneukirch@cityhpil.com>; Fontane, Joel <jfontane@cityhpil.com>
Cc: Ian Cambata < >
Subject: Oct 15 City Council Meeting and Champions Point Proposal

[EXTERNAL EMAIL]

Good Day:

We are residents at 2744 Mavor Ln, Highland Park.

Our property is on the east side of the street, and if you draw a diagonal line from our backyard, it is directly in line with the property at 2700 Point Lane.

I am disappointed and concerned that the city would even consider this proposal from Mr. Cooper. It's clearly not allowed under current zoning and I was told that the city would push back on these sorts of overtures by Mr. Cooper.

At any rate, please share this with the City Council. I will do my best to be in attendance at the meeting.

There are so many issues with this, it's difficult to know where to begin, but I will start with the newest and most troubling issue I've heard of yet, at least for us.

The use of Heller Nature Center would cause individuals to walk from Heller down the path to his house that is directly adjacent to our backyard. While there is vegetation, it's clearly not vision proof, nor is there adequate protection in terms of keeping people out of our yard.

We have a pool that is merely feet from this path. We have grandkids and many others who use the backyard and pool frequently. It would be of the highest degree of concern when considering their safety and of course plain nuisances from people peering in while private people are sunbathing or whatever. There would be increased noise from people talking along the way, and maybe making crude remarks should they see one of my grown kids or others in bathing suits. It would be invading our privacy and a huge detraction from what is a beautiful and quiet back yard.

Further, we've already experienced the nuisance of loud noise from Mr. Cooper's house which reverberates into our back yard. There is also the inevitable additional traffic and safety from people driving down Mavor Lane to see if they can find parking. I've already experiencing someone in front of our house asking where Michael Jordan's house is.

This is a TERRIBLE and hugely concerning issue. I will do everything in my power to put a stop to it should it be approved.

Thank you.
Mark and Juli Walton

Burhop, Karl

Subject: FW: Champions Point

From: < >
Sent: Friday, December 12, 2025 2:37 PM
To: Burhop, Karl <kburhop@cityhpil.com>
Cc: Neukirch, Ghida <gneukirch@cityhpil.com>; Fontane, Joel <jfontane@cityhpil.com>
Subject: Champions Point

[EXTERNAL EMAIL]

All-

I just read the staff report, the owner's proposal, and the email from Kimberly Markus expressing her concerns and objections to the proposed New Land Use at the 2700 Point Lane site.

Notwithstanding the claimed public use benefits, Ms. Markus makes a compelling and passionate case regarding the potential negative environmental impact to Heller Nature Center in conjunction with the proposed land use modification. Judging by her comment (which I've copied below), I suspect she is not alone:

I want to emphasize that I take this matter extremely seriously, and I am fully prepared to initiate a community outreach effort to protect the Heller Nature Center from this proposed action. As a courtesy, I have not copied the Lake County Audubon Society, Openlands, Friends of the Parks, Sierra Club, Illinois Environmental Council, or the Natural Resources Defense Council on this email, but doing so will be my next step should this issue continue without immediate and appropriate intervention.

For what it's worth, add our names to the list of HP residents who oppose this modification of existing regulation. Heller Nature Center is a rare community environmental asset, and I object to any proposal that threatens its sensitive ecosystem.

A property owner is entitled to quiet enjoyment on its property, however this proposed new use, is inconsistent with that premise.

Mark & Marla Portman
3364 University
Highland Park, IL

Burhop, Karl

Subject: FW: Champions Point LLC/2700 Point Lane

From: David Mason < >
Sent: Saturday, December 13, 2025 1:40 PM
To: Neukirch, Ghida <gneukirch@cityhpil.com>
Cc: Sallye Mason < >
Subject: Champions Point LLC/2700 Point Lane

[EXTERNAL EMAIL]

Ghida—I read the Staff Report regarding the project proposed by Champions Point LLC at 2700 Point Lane. I did not read the underlying proposal. The project should not be allowed to proceed. I can't tell whether Mr. Cooper and Champions Point LLC are well intentioned folks who truly think that this project will result in "youth empowerment" and will be a financial boon for business in HP, or whether this is an attempt to get tax breaks for this property. I'll give Mr. Cooper and Champions Point LLC the benefit of the doubt. Regardless, this project should not be allowed to proceed for two simple reasons (I'm sure that I can come up with others):

1. The neighbors on Point Lane and Ridge Road should be allowed to live in peace and quiet. They should not have a museum, tourist attraction, civic center, etc. thrust in their midst.
2. Heller Nature Preserve should not be burdened with foot traffic associated with a commercial venture, even if that venture is somewhat philanthropic.

Approving this project would set a bad precedent.

I live in the Hybernia subdivision. My house is probably about ¼ mile from 2700 Point Lane (as the crow flies). I suspect that I would not be directly burdened if this project is approved, but I still very much object to it proceeding.

David Mason
1717 Daffodil Court
Highland Park, Illinois

Burhop, Karl

Subject: FW: Staff report, Champions Point
Attachments: StaffReport.pdf

From: Don Levin < >
Sent: Sunday, December 14, 2025 12:22 PM
To: Burhop, Karl <kburhop@cityhpil.com>
Subject: Staff report, Champions Point

[EXTERNAL EMAIL]

Dear Mr. Burhop.

A neighbor let me know about this proposal. We live in the house just north of the entrance to the Heller Nature Center and adjacent to its driveway. We have lived in that house for over 30 years.
I realize you are not the one to raise objections with this proposed use but would appreciate if you would advise the contact that would be appropriate. I will say this is the worst idea I have ever heard of in Highland Park.
Thank you,
Don Levin
3001 Ridge Rd. Highland Park, IL 60035

Burhop, Karl

Subject: FW: Champions Point Proposal

From: < >
Sent: Sunday, December 14, 2025 2:11 PM
To: Neukirch, Ghida <gneukirch@cityhpil.com>; Fontane, Joel <jfontane@cityhpil.com>
Subject: Champions Point Proposal

[EXTERNAL EMAIL]

Dear Manager Neukirch and Director Fontane,

I have become aware of the proposal for the property at 2700 Point Lane to be converted from a residence to a commercial use. I have a number of serious concerns about this proposal. I have read through the submitted proposal twice, but it is still very unclear to me exactly what is being proposed here. Do the owners intend this to be a museum, a spa, a fitness center, or an AIRBNB?

The grandiose language of the proposal speaks of "Experiencing Greatness" and that the focus is on "personal transformation." But in reading the supporting materials, one learns that apparently all of this is to be accomplished in a tour of about one and one-half hours. (The last tour departs each day one and one-half hours before closing.). Or are the owners proposing that visitors could stay for longer periods, overnight or for longer periods?

The proposal speaks of visitors taking advantage of the on-site facilities. Does that mean that visitors may use the pool/and or basketball court? Are there existing changing and showering facilities or are those to be added? And how does a brief swim in the pool or a quick game on the court build greatness in a brief visit?

The owner proposes that the adjacent Heller Nature Center be made the entry gateway for this project, with shuttle busses coming and going all day long, disgorging unknown numbers of tourists who are then to walk a nature trail to get to the final destination. While the proposal refers to a "120 foot" trail extension, that is but a very small fraction of the total route. I would guess that the on-foot distance from the Heller Building entrance to 2700 Point Lane is at least a quarter of a mile, I believe over a wood chip trail. How many tourists will be willing and able to make that trek on a hot August or cold January day? Who will maintain the restrooms at Heller which will subsequently be burdened with a huge increase in their usage? Heller is a nature center, designed to preserve and protect habitat for native wildlife. Nature is best appreciated in small and quiet groups, not as a noisy crowd of thirty bus passengers. Large and noisy groups of people scare and intimidate wildlife, directly contradicting the fundamental mission of a nature preserve. Who will be responsible for trail maintenance and litter pick-up of the suddenly much more heavily used trail?

Regarding the 2700 Point Lane building, does this proposal include public restroom facilities? How about areas for the public to purchase and consume food? Are staff to also be bussed in to Heller and then have to walk the trail from Heller? How about deliveries of supplies to the property?

I live in the nearby Hybernia development, approximately half a mile southwest of this property, so I don't believed that I will be personally affected by this proposal, other than on visits to Heller. However, were I a homeowner living on Point Lane, I would be very concerned and alarmed about the conversion of a neighboring property into a heavily-trafficked commercial enterprise.

I very much hope that our city council members will roundly vote this poorly thought-out and faulty proposal down.

Sincerely,

Robert E. Stanley

Dear Ghida, Joel, and members of the City Council

This letter is co-authored by the residents most directly impacted—those living on Point Lane and Museum Drive, collectively known as Architecture Point—to address Mr. Cooper's proposal to convert Michael Jordan's former property into a commercial tour business within our neighborhood.

It is important to provide background on what has transpired since Mr. Cooper purchased the property last year, including the full sequence of events surrounding his repeated efforts to commercialize it. Many residents and even some Council members may not be aware of the complete timeline that led to this latest proposal, but this context is essential to understanding what has occurred over the past year and why Mr. Cooper is only now seeking public support from the City and why we ask the City Council to reject his proposal

We fully agree with the staff report that Mr. Cooper is seeking to create a tourism business in the middle of a beautiful quiet residential enclave currently zoned under R2 zoning ordinance. Throughout this year, Mr. Cooper has pressured Architecture Point residents into accepting his commercialization plans. Only after multiple failed efforts did he pivot to a new strategy—one designed to appear community-oriented in order to garner public support to try to dilute the opposition of the immediately impacted neighbors. The following outlines what transpired:

Q4 2024 — Purchase and Initial Commercial Plans

- Mr Cooper purchased the property in Q4 2024 for $9.5M.
- Mr. Cooper's annual operating expenses exceed $1M (mortgage, maintenance, and related costs).
- From the outset, Mr. Cooper viewed the property as a business venture, estimating its commercialized value at over $1B and never intending to occupy it as a residence.
- Mr. Cooper's primary residence remains in Lincolnshire, where he lives with his family.
- Mr. Cooper sought no neighborhood or community input prior to purchase and instead proceeded unilaterally unlike previous prospective buyers—who contacted neighbors to confirm whether any non-residential use might be viable.

Q1 2025 — Timeshare Plan and "Graceland" Proposal

- Mr. Cooper introduced his first commercial plans for the property in January 2025 a few months after purchasing the property:
  - 52 fractional owners at $1M per share
  - Up to 25 additional guests per owner who would be allowed to host events
- The city temporarily blocked the plan pending review of timeshare law, zoning implications, and community impact—because no such model had ever been attempted in Highland Park.
- Mr. Cooper then, introduced a second, commercial proposal privately to his neighbors: a sports-themed museum in the middle of an R2 residential neighborhood,

projecting 500,000–800,000 paid visitors per year, comparing it to Elvis Presley's Graceland, and claiming it could generate $80M+ in annual revenue.

- He invited the neighbors to with City representatives to present this proposal at his property, in which he pitched his idea of shuttling 30 visitors every 15 minutes, 9 hours per day, 365 days per year.
- The neighborhood responded with unanimous and unequivocal opposition to any commercialization, citing traffic, noise, litter, security, and significant property-value concerns.
- Mr Cooper, altered his plan and began offering commercial incentives to neighbors—proposing co-ownership in his venture with a 1% share of profits, and even suggesting various schemes in which he would purchase neighboring properties at multiples of their market value, but only if he were first allowed to rezone his property.

Q2–Q3 2025 — Escalation, Threats, and Illegal Commercial Activity

- After receiving negative feedback on the museum plan and being unable to advance the timeshare plan, Mr. Cooper began pressuring neighbors through a series of documented threats. These emails are on record with the City Management.
- In May 2025, he emailed the entire block stating that unless the neighborhood accepted his "Graceland" proposal, he would aggressively pursue the timeshare model "which would be more disruptive."
- In this letter, Mr. Cooper presented neighbors with two alternative paths forward. He stated: "the status quo is no longer an option with this property" and encouraged residents to consider "which of my proposals give you some benefits and add value to your properties versus the one that might give you daily heartburn." He contrasted his house-tour proposal with a fractional ownership model, explaining that under fractional ownership there would be "multiple owners coming to use their property weekly," resulting in "more traffic on your streets, and more noise during the day and evenings," and noting that such use would be difficult for the City to regulate. He further stated that if he were required to redirect resources toward legal action, it would be "unclear how my currently planned use may affect future home values in this neighborhood."
- Neighbors reiterated their position: no commercialization of any kind and disengaged with Mr. Cooper because of the confrontational ultimatums presented in his proposal.
- Mr. Cooper then escalated and stated he would "do whatever is necessary" to recoup his investment and would prepare for a "years-long battle" with anyone opposing him.
- In a subsequent letter, Mr. Cooper adopted an even more confrontational tone with the neighbors and outlined specific actions he would take if neighbors did not support his plans. He stated that if dialogue did not continue, he would "switch gears into gathering business-community support, exploring all possible entrance paths to my property, fervently defending my current business plans of fractional ownership," and pursuing zoning relief, adding that "the chips will eventually just fall where they may for everyone." He asserted that opposition from immediate neighbors should not outweigh what he described as benefits to the "larger community," characterizing residents as "a small group of dissenters."
- He further explained that, while these matters could "take years to play out," he would in the interim use the property for "a variety of short-term rentals, 30+ day rentals, personal

events/parties, and charity events," noting that such events could occur weekly, involve "hundreds of people at a time," and include "perhaps up to 50 vehicles parking on site." He stated that this pattern of use would continue "for years while I defend my allowable use of fractional ownership and also seek zoning approvals," and that "the rental income will cover the property's expenses indefinitely during this process."

- Over the summer, Mr. Cooper followed through on his threats, hosting weekly large-scale events, including:
  - 50–300 attendees per event
  - Loud music, heavy traffic, buses, and hundreds of strangers entering a quiet residential enclave.
  - One event with shuttle buses every 15 minutes for six hours, with guests departing at 2:00 AM
- More than a dozen such events occurred and repeatedly required police intervention.
- Ultimately, the city informed Mr. Cooper that he must cease these events and apply for appropriate zoning relief if he wished to operate a private event venue.

Q4 2025 — The Current Proposal

- In communications with both neighbors and the city, Mr Cooper has framed his current proposal primarily as a charitable, community-development initiative.
- The major logistical change is relocating the property's access point through the Heller Nature Center, ostensibly to alleviate traffic and security concerns previously raised.
- However, this characterization is misleading.
  - Over 90% of the proposed use remains commercial, identical in structure to prior plans:
    - Paid tours
    - Hundreds of thousands of annual visitors
    - Continuous shuttle operations (30 visitors every 15 minutes, year-round)
  - Only a small fraction—less than 10%—relates to nonprofit or community programming.
- Additionally, routing all patrons through a public forest preserve raises new and serious concerns, including safety, security, environmental impact, and significant disruption to users of the nature center.
- The same fundamental issues remain:
  - Noise and safety
  - Security and visibility into private residences
  - incompatibility with the character and zoning intent of Architecture Point, Mavor, Ridge, and all properties bordering the forest preserve.

Public Campaign

- Mr. Cooper has now begun soliciting public support by posting his proposal on social media groups such as *Deerfield Dads*, where most participants are not Highland Park residents.
- He has engaged in a year-long campaign that is, at its core, a large-scale commercial tour business situated in the center of a residential neighborhood.

- Mr. Cooper's fourth proposal—but the first he has publicly presented for comment—he has now crafted an approach that may appear to outsiders as a genuinely charitable initiative. In reality, he is seeking to rezone a residential district and establish a commercial enterprise for his own financial and personal benefit.
- So, we ask that you consider this contrast carefully: one day, Mr. Cooper communicates in a threatening manner toward his neighbors; on another, he presents proposals framed around charity and community benefit.

Our Request to City Council Members

Finally, if Mr. Cooper is allowed to pursue these plans, imagine the precedent that sets for the city. Anyone with property in the middle of a residential neighborhood will be able to come before this City and ask that it be utilized as a place for tourism and commercialization. Is that the tone and path this City really wants to set?

We, the residents of Architecture Point, for all of the reasons, facts, and events outlined above, unanimously object to any commercialization of Mr. Cooper's property. We respectfully request that the City Council reject any proposal to alter the citywide R2 residential zoning code which prohibits such uses today—solely to benefit one individual who failed to conduct proper due diligence before purchasing this property with the sole intention of commercializing it.

We respectfully request that the city reject this.

Thank you for your consideration in this matter.

Alexander and Lana Ulyanov
Michael and Betsy Friduss
Dina and Kareem Nasr
Tracy Marshbanks
Cameron and Roxanna Haery
Ronald and Sandra Nisson
Paula and Howard Serlin

Burhop, Karl

Subject: FW: Regarding Champions Point

From: Todd Safran < >
Sent: Monday, December 15, 2025 4:16 PM
To: cityhp <cityhp@cityhpil.com>
Cc: jc@championspoint.com
Subject: Regarding Champions Point

[EXTERNAL EMAIL]

To whom it may concern,

I toured this house when it first went up for auction many years ago with similar ideas to Mr. Cooper. I feared too many city hurdles to clear and never seriously pursed it. I don't know Mr. Cooper but I reached out to him today with encouragement for what he is trying to do. At the end of the day, what Highland Park has is a living museum right here in the beautiful 60035. I believe people need to see it and feel inspired by it. The house is a gift to our amazing town. The GOAT became a global icon under our city coordinates and that should be celebrated for decades to come.

Being one of the rare mortals who has seen this property inside and out, I encourage the members of the city council to tour the property. Go past the gates and see what I and probably Mr. Cooper have seen. Don't pass judgment until you walk those halls, sit in the kitchen or look at the trophy room. Tell me then that you don't think this property is an asset to the city and inspiration to all. With an open mind I challenge anyone to not see the hidden treasure we have right here in Highland Park that needs to be shared with the world. I believe Champions Point needs to be protected and presented as a museum for the greatest of all time. Just like we travel near and far to other landmarks to remember our favorite hero's, musicians and historical figures, I believe people will be propelled to come here to Highland Park to see this property. No different then Hearst Castle in California, Champions Point is a national treasure that people will want to see and experience. I encourage Mr. Cooper to allow you and others involved in this process to see what has been hiding behind the iconic "23 Gate" for all these years (the pictures don't do it justice). Highland Park has its own modern day Field of Dreams. Open the gates and people will come!

Sincerely,

Todd Safran
Lived In Highland Park from 80-98
Currently reside in Deerfield, IL

Todd Safran
Safran Metals, Inc
safranmetals.com

Burhop, Karl

Subject: FW: Message in support of John Cooper - Champion's Point

From: Greene, Steven < >
Sent: Monday, December 15, 2025 3:01 PM
To: Neukirch, Ghida <gneukirch@cityhpil.com>; Fontane, Joel <jfontane@cityhpil.com>
Subject: Message in support of John Cooper - Champion's Point

[EXTERNAL EMAIL]

While I am unable to attend this evening's City Council meeting, as a HP business owner I wanted to write and lend my support to the proposal being outlined by John Cooper in front of the City Council on December 15th. I received a personal tour of John's property (Champion's Point, 2700 Point Lane) and during the course of the walk-through, John was detailed in outlining the commercial opportunity for his business and the broader HP business community writ large. The concept of his plan is to build a business around the idea of success & leadership through examples of famous athletes – none more so than Michael Jordan. The property lends itself well as both a potential museum to leadership as well as a platform for developing life-long skills among our youth (not to even mention the possibility of bringing youth basketball to play on MJ's legendary personal court – a potentially high-impact opportunity for the Park District).

The benefits that could inure to our businesses could be significant, as visitors will be spending decent money to attend Champion's Point and then become captive customers to the town and the wide variety of businesses we offer (especially dining options).

In summary, I support John's vision and proposed business concept to attract new visitors to our community with the expected ancillary commercial benefits that come when people visit our vibrant businesses.

Thank you.
Steve Greene

Steven F. Greene
Vice President
Senior Financial Advisor
NMLS 821367

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Burhop, Karl

Subject: FW: Champions Point Proposal Tarnoff

Importance: High

From: Michael Tarnoff < >
Sent: Monday, December 15, 2025 8:49 AM
To: cityhp <cityhp@cityhpil.com>
Cc: John Cooper <jc@championspoint.com>
Subject: Champions Point Proposal

[EXTERNAL EMAIL]

I am writing not only as resident of Highland Park since 1972, but as a retired Executive Vice President and CFO of a major non-profit organization that has spent his entire professional career providing funding for, and advocating for, facilities and programs like the Champions Point Proposal.

As I review the packet of materials regarding the Champions Point Proposal, I find many features of the proposal that appear to me to be provide significant benefits to the City of Highland Park, including its Park District and School Districts, as well as other local non-profit organizations.

In my view, each of the following statements in the proposal represent examples of meaningful benefits to our Highland Park community.

- Use of property and facility at no charge for 24 days per year for local youth programs and civic groups, such as the City of Highland Park, the Park District, and the School Districts.
- Providing access and mentorship to youth from all economic backgrounds while strengthening local ties.
- Providing Heller Nature Center with long-term financial security and logistical support, including a dedicated revenue stream of consistent, unrestricted funding.
- Reduction in overall traffic -- by removing the current iconic "23" gate at the main entrance to the property.
- The potential for visitors to the Champion Point facility to also spend time in Highland Park's restaurants, shops, and other retail establishments.

All the above are bold statements, and in my opinion, ultimate approval of the Proposal must be dependent on the City's verification that the developer can actually deliver on these claims. However, I have talked with the developer, Mr. John Cooper – who is copied on this memo -- and I think that there is ample reason to believe he will in fact be able to demonstrate that he can deliver.

Nevertheless, **IF** (the word "**IF**" is intentionally emphasized) Highland Park's Park District and the Heller Center support this Proposal; and **IF** Highland Park's School Districts support this Proposal; and **IF** the developer identifies an off-site parking location that meets with the City's approval; and **IF** the developer identifies a partner with a demonstrated history of operating high quality programs for youth from all economic backgrounds; and **IF** a traffic study verifies that the proposed use will actually decrease vehicle traffic; and **IF** the developer agrees to such other conditions as the City may deem appropriate, *i.e.,* limitations on hours of operation, or noise restrictions, or privacy barriers, *etc.* …. **IF** all those conditions are met, then it seems clear to me that the Champions Point project will provide both (a) meaningful benefits to the City of Highland Park

economically, and (b) a significant enhancement to the image of Highland Park as a diversified, welcoming community.

Michael Tarnoff

861 Barberry Road
Highland Par, IL 60035
email:
phone:

Burhop, Karl

Subject: FW: In support of Champions Point proposal

From: Nik Turik < >
Sent: Monday, December 15, 2025 4:29 PM
To: Neukirch, Ghida <gneukirch@cityhpil.com>
Subject: In support of Champions Point proposal

[EXTERNAL EMAIL]

Dear Ms. Neukirch,

I wanted to reach out personally to share my support for the Champions Legacy project being proposed at Michael Jordan's former home in Highland Park.

With so much recent conversation about helping people get back on their feet and investing in our kids, this project feels especially timely. It's about more than a property. The idea is to create something that gives young people—especially those who don't always get the same opportunities—a chance to learn what's possible when effort, discipline, and belief come together.

The plan to turn the home into a museum and educational space tied to Michael Jordan's legacy is a unique opportunity for Highland Park. It brings cultural value, something truly special that people would travel to see, while also giving back locally. The commitment to make the space available to the community several times each month is another piece that really matters.

There's also a clear economic upside. More visitors means more business for local restaurants and shops, more hotel stays, and more revenue coming into the city. That kind of activity helps everyone and can take some pressure off residents over time.

I also appreciate the openness around the structure of the project. While it will operate as a for-profit business, there's meaningful crossover with the Champions Legacy nonprofit. The intent is for profits to help support the Park District and fund the creation and distribution of a "Greatness Curriculum" for kids in Chicago and nearby communities. The tourism generated would also help strengthen the local tax base here in Highland Park and across the North Shore.

This feels like a thoughtful, well-intended project that blends private investment with real public benefit. I hope the City continues to look at it with an open mind and recognizes the positive impact it could have on our community and our children.

Thank you for taking the time to consider it.

Best regards,

Nik Turik

Riverwoods, IL

Ian Cambata
2626 Mavor Lane
Highland Park, IL 60035

Highland Park City Council
1707 St Johns Ave
Highland Park, IL 60035

Subject: Opposition to Proposal and Proposed Rezoning of 2700 Point Ln, Highland Park, IL 60035 / Champions Point

Dear Members of the Highland Park City Council,

I am writing to express my deep concern and strong opposition to the proposal and proposed rezoning of the property located at 2700 Point Ln, Highland Park, IL 60035 / Champions Point, from a single-family home to a museum and community outreach center.

This change would fundamentally alter the character and integrity of our neighborhood and the Heller Nature Preserve. Our community was designed and zoned for single-family residences, and this proposal introduces a commercial-like use that is incompatible with the existing environment. Such a transformation would bring increased traffic, parking congestion, and safety risks for both residents and non-residents, particularly children, while eroding the privacy and tranquility that residents have long valued and is a staple of our neighborhood and Highland Park. While I understand that by potentially routing the traffic to the Heller Nature Preserve, the owner intends to mitigate traffic concerns, it will disrupt Heller Nature Preserve for both parking and also use of the various trails. The proposal indicates a tremendous amount of usage, which will not only erode the nature preserve and significantly increase its costs of maintenance, but the new disruptions will keep the wildlife away, eroding one of the primary aspects of the nature preserve. In addition, the trails are directly behind the neighborhood and will dramatically impact the

privacy of those homeowners – homeowners who actually live and pay taxes in Highland Park, unlike the owner of Champions Point (who lives in Lincolnshire).

Moreover, the current owner purchased this property as a single-family home under existing zoning laws. It is unreasonable and illogical to force neighboring homeowners to bear the consequences of a rezoning decision that benefits one party at the expense of the entire community. The current homeowners in the neighborhood have a reasonable expectation that the neighborhood should continue as is, with single family homes. Ultimately, the owner, a non-resident of the city of Highland Park, has purchased this property with no intention of living here, ignoring the single-family home zoning laws, and trying to rezone to meet his own personal gain. Had the current owner purchased the property to be a single-family home, in accordance with the zoning and expected use, there would be no discussion. Allowing this change would set a troubling precedent, opening the door for future rezoning requests that could irrevocably damage the residential nature of Highland Park.

I respectfully urge the City Council to uphold the original zoning designation and deny this proposal. Preserving the integrity, safety, and character of our neighborhood is essential for the well-being of all residents.

Thank you for your attention to this matter and for your commitment to protecting our community. I would appreciate confirmation that my concerns will be considered during your deliberations.

Sincerely,
Ian Cambata