

CITY OF EVANSTON

SPECIFICATIONS AND BID DOCUMENTS
Construction Bid with Sub-Contractors

BID NUMBER: 26-04

For

2026 Church Street Water Main Improvements
January 15, 2026



BID DUE DATE: 2:00 P.M., Tuesday, February 17, 2026

VIRTUAL BID OPENING: 2:15 P.M., Tuesday, February 17, 2026
Google Meet ID:
meet.google.com/erk-vjyw-pza
Phone Numbers:
(US) [+1 617-675-4444](tel:+16176754444)
PIN: 491 020 418 0044#

BID BOND: 5% of Contract Amount

**PERFORMANCE/MATERIAL
& LABOR PAYMENT BOND:** 100% of Contract Amount

CONTRACT PERIOD: Contract award through September 18, 2026

ELECTRONIC BID SUBMITTAL:

Bid responses will only be accepted electronically
via E-bidding through DemandStar (WWW.DEMANDSTAR.COM)

**It is highly recommended that new DemandStar users complete the account
setup process prior to project due date/time.**

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***NOTE: THE SELECTED BIDDER WILL BE SUBJECT TO THE REGULATIONS CONTAINED IN CITY OF EVANSTON ORDINANCE 60-O-14 AMENDMENTS TO THE LOCAL EMPLOYMENT PROGRAM (LEP) AND ORDINANCE 23-O-25 THE RESPONSIBLE BIDDER ORDINANCE**

**CITY OF EVANSTON
NOTICE TO BIDDERS**

The City's Purchasing Office will receive bids until 2:00 P.M. local time Tuesday, February 17, 2026 and will be publicly read virtually via Google Meets at 2:15 P.M. Interested parties can use the following link: meet.google.com/erk-vjyw-pza or join by phone 617-675-4444 PIN: 491 020 418 0044# to access the virtual bid opening. Responses will only be accepted electronically via E-bidding through DemandStar (www.demandstar.com). Although registration is required, vendors can download solicitations and upload responses for free. Bids shall cover the following:

2026 Church Street Water Main Improvements
Bid Number: 26-04

Work on this project includes the installation of ductile iron water main pipe ranging from 6-inch to 10-inch diameter in size, installation of combined and storm sewer pipe ranging from 8-inch to 24-inch diameter in size, public, full, and private lead water service pipe replacements, partial water service replacements (not lead) to accommodate the work, related appurtenances, concrete curb and sidewalk repairs, pavement patching, parkway restoration, private side restoration (full and private lead water service pipe replacements only), large diameter valve replacement, and all materials, labor, equipment, and incidental work.

The above item shall conform to the Invitation for Bids on file in the Purchasing Office. Parties interested in submitting a bid should contact the Purchasing Office to receive a copy of the bid or see the City's website at: www.cityofevanston.org/business/bids-proposals/ or DemandStar at: www.demandstar.com.

The City of Evanston (the City) in accordance with the laws of the State of Illinois, hereby notifies all Bidders that it will affirmatively ensure that the contract(s) entered into pursuant to this Notice will be awarded to the successful Bidders without discrimination on the ground of race, color, religion, sex, age, sexual orientation, marital status, disability, familial status or national origin. The State of Illinois requires under Public Works contracts that the general prevailing rate of wages in this locality be paid for each craft or type of worker hereunder. This requirement is in accordance with The Prevailing Wage Act (820 ILCS 130) as amended. The City of Evanston reserves the right to reject any or all submittals or to accept the submittal(s) deemed most advantageous to the City.

The Evanston City Council also reserves the right to award the contract to an Evanston firm if that firm's bid is within 5% of the low bid.

Each Bidder shall be required to submit with their bid a disclosure of ownership interest statement form in accordance with the provisions of City Code Section 1-18-1 *et seq.* Failure to submit such information will result in the disqualification of such bid.

Cheryl Stuart
Purchasing Specialist

INSTRUCTIONS TO BIDDERS/REQUIREMENTS FOR BIDDING (CONTRACTS OVER \$25,000)

1. ON-LINE NOTIFICATION OF SOLICITATIONS

The City is utilizing Demandstar.com (www.demandstar.com) for on-line notification purposes only for sealed bids when it is anticipated that the amount of the resulting contract will be in excess of its formal bid limit of \$25,000, such as this requirement. Interested Bidders are required to submit a sealed bid to the City by the date/time indicated for this requirement on the forms provided by the City.

2. SUBMISSION OF BIDS

- A. The City of Evanston will no longer accept hard copy paper submittals for any solicitation. Responses will only be accepted electronically via E-bidding through DemandStar (WWW.DEMANDSTAR.COM). Although registration is required, vendors can download solicitations and upload bid responses for free. **Please refer to attached DemandStar E-bidding documents.**
- B. ANY BIDS RECEIVED AFTER THE TIME AND DATE SPECIFIED FOR THE RECEIPT OF BIDS WILL NOT BE ACCEPTED. It is the sole responsibility of the Bidder to ensure that his or her bid is delivered by the stated bid opening time. THE CITY IS NOT RESPONSIBLE FOR INCOMPLETE UPLOADED SUBMITTALS.
- C. Bids will be opened on the date and time stated.
- D. Any Bidder may withdraw his or her bid by letter or with proper identification by personally securing his or her bid at any time prior to the stated bid opening time. No telephone request for withdrawal of bids will be honored.

3. PREPARATION OF BIDS

The Bidder must prepare the bid on the attached bid forms. Unless otherwise stated, all blank spaces on the bid form or pages must be filled in. Either a unit price, lump sum price, or a "no-bid", as the case may be, must be stated for each and every item and must be either typed in or written in ink.

4. SIGNING OF BIDS

- A. Bids which are signed for a partnership should be signed in the firm's name by all partners or in the firm's name by Attorney-in-Fact. If signed by Attorney-in-Fact, there should be attached to the bid a Power of Attorney evidencing authority to sign the bid, dated the same date as the bid and executed by all partners of the firm.
- B. Bids which are signed for a corporation should have the correct corporate name thereon and signature of an authorized officer of the corporation manually written below the corporate name following words "By: " _____ " title of office held by the person signing for corporation, which shall appear below signature of an officer.
- C. Bids which are signed by an individual doing business under a fictitious name should

be signed in the name of the individual "doing business as. _____."

- D. The name of each person signing the bid shall be typed or printed below his or her signature.

5. CONSIDERATION OF BIDS

The Purchasing Specialist shall represent and act for the City in all matters pertaining to this bid and the contract in conjunction therewith.

6. WITHDRAWAL OF BIDS

Bidders may withdraw or cancel their bids at any time prior to the advertised bid opening time. After the bid opening time, no bid shall be withdrawn or canceled for a period of sixty (60) calendar days. When contract approval is required by another agency, such as the Federal Government or the State of Illinois, no bid shall be withdrawn or canceled for a period of ninety (90) calendar days.

7. ERRORS IN BIDS

Bidders are cautioned to verify their bids before submission. Negligence on the part of the respondent in preparing the bid confers no right for withdrawal or modification of the bid after it has been opened. In case of error in the extension of prices in the bid, unit prices will govern.

8. ADDENDA

- A. Any and all changes to the specifications/plans are valid only if they are included by written addendum to all Bidders. Each Bidder must acknowledge receipt of any addenda by indicating on the Bid form. Each Bidder, by acknowledging receipt of any addenda, is responsible for the contents of the addenda and any changes to the bid therein. Failure to acknowledge any addenda may cause the bid to be rejected.
- B. Addenda information is available over the internet at: [City of Evanston Notices to Bidders](#) or www.demandstar.com, or by contacting the Purchasing Office.

9. RESERVED RIGHTS

The City of Evanston reserves the right at any time and for any reason to cancel his or her solicitation, to accept or reject any or all bids or any portion thereof, or to accept an alternate response. The City reserves the right to waive any immaterial defect in any response. The City may seek clarification from any respondent at any time, and failure to respond within a reasonable time period, or as otherwise directed, will be cause for rejection.

10. AWARD

It is the intent of the City to award a contract to the lowest responsible Bidder meeting specifications. The City reserves the right to determine the lowest responsible Bidder on the basis of an individual item, groups of items, or in any way determined to be in the best interest of the City. Award will be based on the

following factors (where applicable): (a) adherence to all conditions and requirements of the bid specifications; (b) price; (c) qualifications of the Bidder, including past performance, financial responsibility, general reputation, experience, service capabilities, and facilities; (d) delivery or completion date; (e) product appearance, workmanship, finish, taste, feel, overall quality, and results of product testing; (f) maintenance costs and warranty provisions; and (g) repurchase or residual value.

11. INTERPRETATION OR CORRECTION OF BIDDING DOCUMENTS

Bidder's shall promptly notify the City of any ambiguity, inconsistency, or error that they discover upon examination of the bidding documents. Interpretations, corrections, and changes will be made by addendum. Each Bidder shall ascertain prior to submitting a bid that all addenda have been received and are acknowledged in the bid.

12. INCONSISTENCIES AND OMISSIONS

These specifications and the accompanying plans, if any, are intended to include all information necessary for the work contemplated. If, by inadvertence or otherwise, the plans or specifications omit some information necessary for that purpose, the contractor shall, nevertheless, be required to perform such work at no additional cost to the City so that the project may be completed according to the true intent and purpose of the plans and specifications.

13. CONDITIONS

Bidders are advised to become familiar with all conditions, instructions, and specifications governing his or her bid. Once the award has been made, failure to have read all the conditions, instructions and specifications of this contract shall not permit the Bidder to amend contract or to request additional compensation.

14. VERIFICATIONS OF DATA

- A. It is understood and agreed that the unit quantities given in these specifications are approximate only, and the contractor shall verify these quantities before bidding as no claim shall be made against the City on, or account of, any excess or deficiency in the same.

- B. The contractor shall have visited the premises and determined for itself, by actual observation, boring, test holes, or other means, the nature of all soil and water conditions (both above and below ground in the line of work) that may be encountered in all construction work under this contract. The cost of all such inspection, borings, etc. shall be borne by the contractor, and no allowance will be made for the failure of the contractor to estimate correctly the difficulties attending the execution of the work.

15. SPECIFICATIONS

Reference to brand names and numbers is meant to be descriptive, not restrictive, unless otherwise specified. Bids on equivalent items will be considered, provided

the Bidder clearly states exactly what is proposed to be furnished, including complete specifications. Unless the Bidder specifies otherwise, it is understood the Bidder is offering a referenced brand item as specified or is bidding as specified when no brand is referenced, and does not propose to furnish an "equal." The City reserves the right to determine whether a substitute offer is equivalent to, and meets the standard of quality indicated by the brand name and number.

16. SAMPLES

When samples of items are called for by the specifications, samples must be furnished free of expense, and if not destroyed in the evaluation process will be returned at the Bidder's expense upon request. Request for the return of samples must accompany the sample and must include a UPS/Fed-Ex Pickup Slip, postage, or other acceptable mode of return. Individual samples must be labeled with Bidder's name, invitation number, item reference, manufacturer's brand name and number.

17. REGULATORY COMPLIANCE

Each Bidder represents and warrants that the goods or services furnished hereunder (including all labels, packages and containers for said goods) comply with all applicable standards, rules and regulations in effect under the requirements of all Federal, State, and local laws, rules and regulations as applicable, including the Occupational Safety and Health Act as amended, with respect to design, construction, manufacture, or use for their intended purpose of said goods or services. Each Bidder must furnish a "Material Safety Data Sheet" in compliance with the Illinois Toxic Substances Disclosure to Employees Act when required.

18. PRICING

The price quoted for each item is the full purchase price, including delivery to destination, and includes all transportation and handling charges, materials or service costs, patent royalties, and all other overhead charges of every kind and nature. Unless otherwise specified, prices shall remain firm for the contract period.

19. DISCOUNTS

Prices quoted must be net after deducting all trade and quantity discounts. Where cash discounts for prompt payment are offered, the discount period shall begin with the date of receipt of a correct invoice or receipt or final acceptance of goods, whichever is later.

20. INSPECTION

Materials or equipment purchased are subject to inspection and approval at the City's destination. The City reserves the right to reject and refuse acceptance of items which are not in accordance with the instructions, specifications, drawings or data of Seller's warranty (express or implied). Rejected materials or equipment shall be removed by, or at the expense of, the Seller promptly after rejection.

21. BIDS AND PLAN DEPOSITS

- A. When required on the cover sheet, all bids shall be accompanied by a bid deposit in the amount specified. Bid deposits shall be in the form of cash, a certified check, or cashier's check drawn on a responsible bank doing business in the United States and shall be made payable to the City of Evanston. Bid Bonds are also acceptable. All bids not accompanied by a bid deposit, when required, will be rejected.
- B. The City will return the bid deposits of all but the 3 lowest qualified Bidders, whose deposit will be held until contract award or at the expiration of the sixty-day or ninety-day period for bid award.
- C. The bid deposit of the successful Bidder will be retained until contract documents have been executed and the Contractor has submitted all the required information. Failure to comply with the terms of this specification may be cause for forfeiture of said deposit.
- D. When required, plan deposits will be refunded should the plans be returned in good condition within 10 days of the bid opening.

22. DISPUTES

Any dispute concerning a question of fact arising under this bid shall be decided by the Purchasing Specialist, who shall issue a written decision to the Bidder. The decision of the Purchasing Specialist shall be final and binding.

23. CATALOGS

Each Bidder shall submit, when requested by the Purchasing Specialist, catalogs, descriptive literature, and detailed drawings, fully detailing features, designs, construction, appointments, finishes and the like not covered in the specifications, necessary to fully describe the material or work proposed to be furnished.

24. TAXES

- A. Federal Excise Tax does not apply to materials purchased by the City of Evanston by virtue of Exemption Certificate No. A-208762, Illinois Retailers' Occupation Tax, Use Tax, and Municipal Retailers' Occupation Tax do not apply to materials or services purchased by the City of Evanston by virtue of Statute.
- B. The City of Evanston is exempt from Illinois Sales Tax by virtue of Exemption Identification number E9998-1750.
- C. The City's federal tax ID number is 36-6005870.

25. PERMITS & FEES

All Bidders awarded a contract must secure and pay for any licenses required by the City of Evanston. Necessary building permits will be required, but all permit fees will be waived and moneys for same must not be included in any bid.

26. ROYALTIES & PATENTS

Seller must pay all royalties and license fees. Seller must defend all suits or claims for infringement of any patent, copyright or trademark rights, and must hold the City harmless from loss on account thereof.

27. LOCAL PREFERENCE POLICY

The Evanston City Council reserves the right to award the contract to an Evanston firm if the firm's bid is within five (5%) percent of the low bid of a non-Evanston firm.

28. RESPONSIBLE BIDDER POLICY

All contractors must follow the requirements of Ordinance 23-O-25, the City's Responsible Bidder Ordinance. Ordinance 23-O-25 is attached hereto for reference. The following items are required of all contractors:

- **Local Employment Program (LEP):** Contractors must ensure that at least 15% of total on-site work hours are performed by Evanston residents and that at least one Evanston resident is hired. These obligations apply across all tiers of subcontractors and must be documented.
- **Apprenticeship Training Program:** Bidders shall submit evidence of enrollment in a U.S. Department of Labor registered Apprenticeship Training Program for each construction craft performed. These programs must have graduated at least five apprentices in each of the last five years.
- **Minimum Performance Threshold:** Named bidder must directly perform at least 25% of project services. Affiliates or subsidiaries do not count toward this percentage.
- **Commercially Useful Function:** All contractors and subcontractors must actively manage and perform contract work. Excessive subcontracting or pass-through participation may result in disqualification.
- **Subcontractor Disclosure:** Submit the name, address, and documentation for all subcontractors with bid. Each subcontractor must comply with all requirements set forth in this template.

29. POWER OF ATTORNEY

An Attorney-In-Fact, who signs any and all of the bond or contract bonds submitted with this bid, must file with each bond a certified and effectively dated copy of their Power of Attorney. These dates should be the same or after the date of the contract.

30. WARRANTY

- A. The contractor warrants that all goods and services furnished to the City shall be in accordance with specifications and free from any defects of workmanship and materials: that goods furnished to the City shall be merchantable and fit for the City's described purposes, and that no governmental law, regulation, order, or rule

has been violated in the manufacture or sale of such goods.

- B. The contractor warrants all equipment furnished to be in acceptable condition, and to operate satisfactorily for a period of one (1) year from delivery of, or the completion of installation, whichever is latest, unless stated otherwise in the specifications, and that if a defect in workmanship and/or quality of materials are evidenced in this period, the Seller shall remit full credit, replace, or repair at City's discretion immediately, such equipment and/or parts that are defective at no additional cost to the City.
- C. The contractor warrants to the City that each item furnished hereunder, and any component part thereof, will be new and in conformity with the specifications in all respects, unless otherwise specified, and is of the best quality of its respective kind, free from faulty workmanship, materials, or design, and installed sufficiently to fulfill any operating conditions specified by the City.
- D. The contractor shall repair or replace any item or component part thereof found not to be in conformity with this paragraph provided the City notified the Seller of such nonconformity within one (1) year after initial use or within eighteen (18) months after delivery, whichever occurs first. In the event Seller fails to proceed diligently to so replace or repair within a reasonable time after receipt of such notice, the City may undertake or complete such replacement or repair for Seller's account, and the seller will be responsible for any additional costs. Acceptance shall not relieve the seller of its responsibility.

31. INCURRED COSTS

The City will not be liable for any costs incurred by Bidders in replying to this invitation for bids.

32. VARIANCES

Each Bidder must state or list by reference any variations to specifications, terms and/or conditions set forth herein with its bid.

33. INDEMNIFICATION

- A. The awarded Bidder/Contractor shall defend, indemnify and hold harmless the City and its officers, elected and appointed officials, agents, and employees from any and all liability, losses, or damages as a result of claims, demands, suits, actions, or proceedings of any kind or nature, including but not limited to costs, and fees, including attorney's fees, judgments or settlements, resulting from or arising out of any negligent or willful act or omission on the part of the Contractor or Contractor's sub-contractors, employees, agents or sub-contractors during the performance of this Agreement. Such indemnification shall not be limited by reason of the enumeration of any insurance coverage herein provided. This provision shall survive completion, expiration, or termination of this Agreement.
- B. Nothing contained herein shall be construed as prohibiting the City, or its officers,

agents, or employees, from defending through the selection and use of their own agents, attorneys, and experts, any claims, actions or suits brought against them. The Contractor shall be liable for the reasonable costs, fees, and expenses incurred in the defense of any such claims, actions, or suits. Nothing herein shall be construed as a limitation or waiver of defenses available to the City and employees and agents, including but not limited to the Illinois Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10/1-101 et seq.

- C. At the City Corporation Counsel's option, Contractor must defend all suits brought upon all such Losses and must pay all costs and expenses incidental to them, but the City has the right, at its option, to participate, at its own cost, in the defense of any suit, without relieving Contractor of any of its obligations under this Agreement. Any settlement of any claim or suit related to this Project by Contractor must be made only with the prior written consent of the City Corporation Counsel, if the settlement requires any action on the part of the City.
- D. To the extent permissible by law, Contractor waives any limits to the amount of its obligations to indemnify, defend, or contribute to any sums due under any Losses, including any claim by any employee of Contractor that may be subject to the Illinois Compensation Act, 820 ILCS 305/1 et seq. or any other related law or judicial decision, including but not limited to, *Kotecki v. Cyclops Welding Corporation*, 146 Ill. 2d 155 (1991). The City, however, does not waive any limitations it may have on its liability under the Illinois Workers Compensation Act, the Illinois Pension Code or any other statute.
- E. The Contractor shall be responsible for any losses and costs to repair or remedy work performed under this Agreement resulting from or arising out of any act or omission, neglect, or misconduct in the performance of its Work or its sub-contractors' work. Acceptance of the work by the City will not relieve the Contractor of the responsibility for subsequent correction of any such error, omissions and/or negligent acts or of its liability for loss or damage resulting therefrom.
- F. All provisions of this Section 32 shall survive completion, expiration, or termination of this Agreement.

34. DEFAULT

Time is of the essence as to the awarded contract and, of delivery or acceptable items or rendering of services is not completed by the time promised, the City reserves the right, without liability, in addition to its other rights and remedies, to terminate the contract by notice effective when received by Seller, as to stated items not yet shipped or services not yet rendered and to purchase substitute items or services elsewhere and charge the Seller with all losses incurred. The City shall be entitled to recover its attorney's fees and expenses in any successful action by the City to enforce this contract.

35. GOVERNING LAW

This contract shall be governed by and construed according to the laws of the State of Illinois. In the event of litigation, the venue will be Cook County, Illinois.

36. EQUAL EMPLOYMENT OPPORTUNITY

- A. In the event of the contractor's noncompliance with any provision of the Illinois Human Rights Act or Section 1-12-5 of the Evanston City Code, the contractor may be declared non-responsible and therefore ineligible for future contracts or sub-contracts with the City of Evanston, and the contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by Statute or regulation.
- B. During the performance of this contract, the contractor agrees as follows:
1. That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin or ancestry, or age or physical or mental handicap that does not impair ability to work, and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization. Contractor shall comply with all requirements of City of Evanston Code Section 1-12-5.
 2. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, national origin or ancestry.
 3. That, if it hires additional employees in order to perform this contract, or any portion hereof, it will determine that availability (in accordance with the Fair Employment Commission's Rules and Regulations for Public Contracts) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
 4. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the contractor's obligations under the Illinois Fair Employment Practices Act and the Fair Employment Practices Commission's Rules and Regulations for Public Contracts. If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such Act and Rules and Regulations, the contractor will promptly so notify the Illinois Fair Employment Practices Commission and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations hereunder.
 5. That it will submit reports as required by the Illinois Fair Employment Practices

Commission's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Fair Employment Practices Commission or the contracting agency, and in all respects comply with the Illinois Fair Employment Practices Commission's Rules and regulations for Public Contracts.

6. That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency, the City Manager, the Commission and the Illinois Fair Employment Practices Commission for purposes of investigation to ascertain compliance with the Illinois Fair Employment Practices Act and the Fair Employment Practices Act and the Fair Employment Practices Commission's Rules and Regulations for Public Contract.
7. That it will include verbatim or by reference the provisions of subsections (A) through (G) of this clause in every performance sub-contract as defined in Section 2.10(b) of the Fair Employment Practices Commission's Rules and Regulations for Public Contracts so that such provisions will be binding upon every such sub-contractor; and that it will also include the provisions of subsections (A), (E), (F), and (G) in every supply sub-contract as defined in Section 2.10(a) of the Fair Employment Practices Commission's Rules and Regulations for Public Contracts so that such provisions will be binding upon every such sub-contractor. In the same manner as with other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by all its sub-contractors; and further it will promptly notify the contracting agency and the Illinois Fair Employment Practices Commission in the event any sub-contractor fails or refuses to comply therewith. In addition, no contractor will utilize any sub-contractor declared by the Fair Employment Practices Commission to be non-responsible and therefore ineligible for contracts or sub-contracts with the State of Illinois or any of its political subdivisions or municipal corporations.

37. M/W/D/EBE GOAL

The City of Evanston has a goal of awarding 25% of its contracts to Minority-Owned, Women-Owned, Disadvantaged Enterprise and Evanston-based businesses (M/W/D/EBEs). All Bidders must state the proposed involvement of M/W/D/EBEs in completing a portion of the services required by the City by completing the attached M/W/D/EBE forms. Any questions regarding M/W/D/EBE compliance should be submitted in writing to Tammi Nunez, Purchasing Manager at tnunez@cityofevanston.org.

38. LOCAL EMPLOYMENT PROGRAM REQUIREMENTS

In an effort to increase hiring of economically disadvantaged Evanston residents on certain City construction projects, the contractor shall comply with the provisions of the City of Evanston's Local Employment Program Ordinance (LEP) set forth in Section 1-17-1 (C) of the Evanston City Code. The intent of the LEP is to have Evanston residents employed at the construction site as laborers,

apprentices and journeymen in such trades as electrical, HVAC, carpenters, masonry, concrete finishers, truck drivers and other construction occupations necessary for the project. Any questions regarding LEP compliance should be submitted in writing to Jessica Cooper, the Workforce Development Coordinator at jcooper@cityofevanston.org or Tammi Nunez Purchasing Manager at tnunez@cityofevanston.org.

NOTE: CITY OF EVANSTON ORDINANCE 60-O-14 AMENDMENT LOCAL EMPLOYMENT PROGRAM (LEP) available on the city website at: Ordinance 60-O-14 Amendment LEP

39. BIDDER SUBMITAL REQUIREMENTS FOR RESPONSIBLE BIDDER ORDINANCE

Documentation or Certification	Description
OSHA Certification	10-hour or greater OSHA safety card copies for all employees on-site
Prevailing Wage Compliance	Statement confirming 5-year compliance with the Illinois Prevailing Wage Act
Substance Abuse Program	Copy of written program per 820 ILCS 265/1
Workers' Compensation Policy	Active policy and classification documentation
UI Act Registration	IDES current registration
Corporate Status	Illinois Secretary of State Business Services record
Tax and Legal Disclosures	List of liens, judgments, or violations from the last 5 years
Business Licenses	Copies of all relevant licenses with current status
Statement of Similar Projects	Last 5 years' public works projects with references
Performance History	Public body contracts completed in the last 3 years
Subcontractor Information	Full documentation for each subcontractor
Sam.gov ID Number	ID Number to be used on projects with State or Federal Funding

If applicable, compliance documentation under:

- Davis-Bacon and Related Acts
- Employee Certification Act
- 720 ILCS 5/33-11 Anti-Bid Rigging Certification

Additional contractor responsibilities include:

- Submission of certified payrolls within five (5) working days of each pay period end
- Identification of all employees by name, address, craft, status, and hire date

- Documentation that all employees are properly classified and licensed
 - Notification within two (2) business days of any resident employee resignations or terminations
 - Replacement of Evanston resident employees within five (5) business days to avoid penalties
 - Provision of required documentation prior to any subcontractor commencing work

Failure to meet these requirements may result in penalties of up to 1% of the approved project price, and may jeopardize future eligibility for City contracts.

40. PROJECT LABOR AGREEMENT NOTICE (if required)

A Project Labor Agreement (PLA) may be required. If so, all successful bidders must become signatories to the PLA for the duration of the project. There is no requirement to affiliate with a union, and non-union bidders are fully eligible.

41. QUESTIONS

All questions related to this bid document should be submitted in writing to Cheryl Stuart, Purchasing Specialist at cstuart@cityofevanston.org with a copy to Bridget Nash at bnash@cityofevanston.org. Only inquiries received a minimum of seven (7) working days prior to the date set for the opening of bids, will be given any consideration.

42. COORDINATION OF EXISTING SITE WITH DRAWINGS

- A. Before submitting a bid, bidders shall carefully examine the drawings and specifications, visit the site, and fully inform themselves as to all conditions and limitations.
- B. Should a bidder find discrepancies in, or omissions from the drawings or specifications, or should be in doubt as to their meaning, the bidder should at once notify the Purchasing Specialist, who will issue necessary instructions to all bidders in the form of an addendum.

43. AFFIRMATIVE ACTION IN SUB-CONTRACTING (EXCERPT FROM RESOLUTION 59-R-73)

“Contractor agrees that he shall actively solicit bids for the sub-contracting of goods or services from qualified minority businesses. At the request of the City, Contractor shall furnish evidence of his compliance with this requirement of minority solicitation. Contractor further agrees to consider the grant of sub-contracts to said minority bidders on the basis of substantially equal bids in the light most favorable to said minority businesses. Contractor further affirms that in obtaining his performance and bid bonds, he will seek out and use companies who have records of, and/or who will make commitments to, the bonding of minority contractors on a rate basis comparable to their bonding of similar non-minority contractors. The contractor may be required to submit this evidence as part of the bid or subsequent to it.”

44. COMPLIANCE WITH LAWS

The bidder shall at all times observe and comply with all laws, ordinances and regulations of the Federal, State, Local and City Governments, which may in any manner affect the preparation of bids or the performance of the contract.

45. QUALIFICATION OF BIDDERS

- A. All bidders must be qualified in accordance with the instructions, procedures and methods set forth in this specification.

- B. In awarding contract, City may take into consideration, skill, facilities, capacity, experience, ability, responsibility, previous work, financial standing of bidder, amount of work being carried on by bidder, quality and efficiency of construction equipment proposed to be furnished, period of time within which proposed equipment is furnished and delivered, necessity of prompt and efficient completion of work herein described. Inability of any bidder to meet requirements mentioned above may be cause for rejection of the bid. In addition, if the project covered by this contract is a minority set-aside project, the contractor's qualifications as a minority firm will determine the eligibility of the contractor to bid.

46. COMPETENCY OF BIDDER

- A. No bid will be accepted from or contract awarded to any person, firm or corporation that is in arrears or is in default to the City of Evanston upon any debt or contract, or that is a defaulter, as surety or otherwise, upon any obligation to said City, or had failed to perform faithfully any previous contract with the City.

- B. The bidder, if requested, must present within forty eight (48) hours evidence satisfactory to the Purchasing Manager of performance ability and possession of necessary facilities, pecuniary resources and adequate insurance to comply with the terms of these specifications and contract documents.

47. PREFERENCE TO CITIZENS

The Contractor shall abide by the Illinois Preference Act, 30 ILCS 570 et seq., which stipulates that whenever there is a period of excessive unemployment in Illinois, defined as any month immediately following two (2) consecutive months during which the level of unemployment in Illinois exceeds five percent (5%) as measured by the U.S. Bureau of Labor Statistics in its monthly publication of employment and unemployment figures, the Contractor shall employ only Illinois laborers unless otherwise exempted as so stated in the Act. ("Illinois laborer" means any person who has resided in Illinois for at least 30 days and intends to become or remain an Illinois resident) Other laborers may be used IF Illinois laborers are not available or are incapable of performing the particular type of work involved if so certified by the Contractor and approved by the project engineer.

GENERAL CONDITIONS

1. BASIS OF AWARD

The City of Evanston reserves the right to award a contract to a responsive and responsible Bidder(s) who submits the lowest total bid, or to reject any or all bids and bidding, when in its opinion the best interest of the City will be served by such action. The City reserves the right to consider the specified alternates in its evaluation of the bids.

2. BIDS

A. UNIT PRICE BID

1. The Bidder is to submit a unit price bid for each bid line on the Bid Form which includes all costs incidental to performing the specified work.

2. It is understood and agreed that the unit quantities given in the supporting pages are approximate only and the Bidder shall verify these quantities before bidding as no claim shall be made against the City on account of any excess or deficiency in the same.

3. Unit prices given in the supporting pages shall be used by the Owner and the Contractor for any subsequent changes in the contract.

4. The quantities provided in the bid documents are approximate only and are subject to increase or decrease. Actual compensation to the CONTRACTOR shall be based upon the actual quantities multiplied by the unit prices bid for each item. The unit prices submitted herewith is for the purpose of obtaining a gross sum, and for use in computing the value of additions and deductions and for the purpose of determining the lowest BIDDERS. Should there be a discrepancy between the gross sum bid and that bid resulting from summation of quantities multiplied by their respective unit prices, the latter shall apply.

3. QUANTITIES

Any quantities shown on the Bid Form are estimated only for bid canvassing purposes, the City has made a good faith effort to estimate the quantity requirements for the Contract term. The City reserves the right to increase or decrease quantities ordered under this contract.

4. CONTRACT TERM

Bidder must fully complete the work within the period specified herein after award of the contract by the City.

5. NOTICE TO PROCEED/ PURCHASE ORDER/ CONTRACT

A. The City issued Purchase Order serves as the City official Notice to Proceed. No work will be allowed prior to Contractor receipt of the City issued Purchase Order.

- B. Upon approval of the required bonds and insurance documents, the City will issue a Purchase Order to the Contractor for the contract amount. All Applications for Payment must reference the Purchase Order number.
- C. When it is necessary to issue a Change Order that increases/decreases the contract amount, a Change Order form will be issued and a modified Purchase Order will be issued reflecting the revised contract amount.
- D. When it is necessary to issue a Change Order that only increases/decreases the contract period, only a Change Order form will be issued establishing the revised contract period.
- E. Upon Award the contractor shall execute the Contractor Services Agreement.

6. PAYMENT

- A. Progress payments will be made in accordance with “Applications for Payment” and “Project Closeout” sections of the specifications, less a 10% retainage for each payment, which will be held until final acceptance of the work by the City. Certification of each Application for Payment will be made by the City’s representative.
- B. All payments will be made in accordance with *Illinois Local Government Prompt Payment Act*.

7. DECISIONS TO WITHHOLD CERTIFICATION FOR PAYMENT

- A. The City may not certify payment and may withhold payment in whole or in part, to the extent reasonably necessary to protect the City, if the quality of the work is not in accordance with the contract documents. If the City is unable to certify payment in the amount of the invoice, the City will promptly issue payment for the amount of the Work completed in accordance with the contract documents. The City may not certify payment due to any contractor negligence or contract non-compliance.
 - a. Defective work not remedied
 - b. Third party claims filed or reasonable evidence indicating probable filing of such claims
 - c. Failure of Contractor to make payments properly to Sub-contractors for labor, materials or equipment
 - d. Reasonable evidence that the work cannot be completed for the unpaid balance of the Contract Sum
 - e. Damage to the City or another contractor
 - f. Reasonable evidence that the work will not be completed within the Contract period and that the unpaid balance would not be adequate to cover actual or liquidated damages for the anticipated delay
 - g. Persistent failure to carry out work in accordance with the Contract Documents.

8. CHANGES IN WORK

- A. The City reserves the right to make changes in the plans and specifications by

altering, adding to, or deducting from the work, without invalidating the contract. All such changes shall be executed under the conditions of the original contract, except that any claim for extension of time caused thereby shall be adjusted at the time of ordering such change.

- B. No change shall be made unless a written Change Order and/or modified Purchase Order is issued by the City stating that the City has authorized the change, and no claim for an addition to the contract shall be valid unless so ordered.
- C. If such changes diminish the quantity of work to be done they shall not constitute a claim for damage or anticipated profits on the work, such increase shall be paid in one or more of the following ways:
 - 1. by estimate and acceptance in lump sum
 - 2. by unit prices named in the contract's bid form or subsequently agreed upon
- D. Whenever the quantity of any pay item as given in the proposal shall be increased or decreased, payment shall be made on the basis of the actual quantity completed at the unit price for such pay item named in the proposal.

9. DEDUCTION FOR UNCORRECTED WORK

If the City deems it expedient to correct work damaged or not done in accordance with the contract, the difference in value, together with a fair allowance for damage shall be deducted from the contract amount due. The value of such deduction shall be determined by the City.

10. CITY'S RIGHT TO TERMINATE CONTRACT

The City reserves the right, in addition to other rights to termination, to terminate the contracts in accordance with all provisions of the executed contract.

11. LIENS

- A. Neither the final payment nor any part of any retained percentages, shall become due until the contractor, if required, delivers to the City, a complete release of all liens arising out of this contract, or receipts in full in lieu thereof and, if required in either case, an affidavit that so far as it has knowledge or information the releases and receipts include all the labor and material for which a lien could be filed. If any lien remains unsatisfied after all payments are made the contractor shall refund to the City all moneys that the latter may be compelled to pay in discharging such a lien, including all costs and attorney's fees.

12. SEPARATE CONTRACTS

- A. The City reserves the right to let other contracts in connection with this work. The contractor shall afford other contractors' reasonable opportunity for the introduction and storage of their materials and the execution of their work and shall properly connect and coordinate his or her work with theirs. If any part of the contractor's work

depends on proper execution or results upon the work of any other contractor, the contractor shall inspect and promptly report to the City any defects in such work that render it unsuitable for such proper execution and results. His or her failure to so inspect and report shall constitute an acceptance of other contractor's work as fit and proper.

- B. To insure the proper execution of his or her subsequent work, the contractor shall measure work already in place and shall at once report to the City any discrepancy between the executed work and the drawings which will affect his or her work.

13. PROTECTION & SAFEGUARDS

- A. Unless otherwise specified, the contractor, as a part of this contract, shall provide, erect, and maintain temporary roads, fences, bracing, lights, warning signs, barricades, etc. necessary for the protection of the construction materials, adjacent property and the public.
- B. The contractor shall contact all utilities which will be affected by its operations and notify the owners of the utilities of its operations and their limits within forty-eight (48) hours prior to beginning construction. The contractor shall be responsible for damage to utilities and shall, at his or her own expense, restore such property to a condition equal to that which existed before its work, as may be directed by the owners.
- C. The contractor shall protect all work and unused materials of this contract from any and all damage and shall be solely responsible for the condition of such work and materials.

14. MATERIAL STORAGE

- A. On-site areas may be designated for material/equipment storage. The contractor will assume all risk and liability associated with the storage of material/equipment at on-site locations.

15. CLEANING UP

- A. The contractor shall at all time keep the premises free from accumulation of waste material or rubbish caused by its employees or work and at the completion of the work it shall remove all its rubbish, tools, and surplus materials from the premises, leaving the area in a neat and workmanlike condition. In case of dispute, the City may remove the rubbish and charge the cost to the contractor.
- B. Contractor recognizes that proper cleanup and removal of construction debris is an important safety consideration. The Contractor shall be solely responsible for daily construction site/area cleanup and removal of all construction debris in accordance with City-approved disposal practices. Contractor shall be solely responsible for identifying and removing at its expense all hazardous material and waste which it uses and generates.

16. RESTORATION OF SITE

- A. Prior to final payment, contractor shall fully restore all property disturbed or damaged during the course of this work. This includes, but is not limited to public property, (walks, curbs, roadways, trees, etc.) private property, and utilities. This shall also include removal of temporary facilities erected during the course of this contract and restoration of these areas.
- B. All restoration work shall be subject to the approval of the City and shall restore the property to a condition at least equal to that existing prior to the start of this contract.
- C. All restoration work of property damaged by contractor shall be accomplished at the sole expense of the contractor.

17. PREVAILING WAGE

- A. Prospective Bidders shall thoroughly familiarize themselves with the provisions of the above-mentioned Act and shall prepare any and all bids/bids in strict compliance therewith.
- B. **Effective September 1st - All work performed on new and existing projects must be submitted to Illinois Department of Labor through the certified transcript of payroll portal.** You may access the portal here:
[Certified Transcript of Payroll Portal](#)

All contractors and sub-contractors on public works projects ***must submit and upload certified payrolls*** on a monthly basis to the IDOL online portal, provide a pdf copy to the City's project manager and business work force development coordinator, along with a statement affirming that such records are true and accurate, that the wages paid to each worker are not less than the required prevailing rate and that the contractor is aware that filing records her or she knows to be false is a Class B misdemeanor.

- C. The certified payroll record must include for every worker employed on the public works project the name, address, telephone number, social security number, job classification, hourly wages paid in each pay period, number of hours worked each day, and starting and ending time of work each day. These certified payroll records are considered public records and public bodies must make these records available to the public under the Freedom of Information Act, with the exception of the employee's address, telephone number and social security number. Any contractor who fails to submit a certified payroll or knowingly files a false certified payroll is guilty of a Class B misdemeanor.
- D. All certified payrolls shall be submitted in electronic format, preferably a PDF file.
- E. As a condition of receiving payment, Contractor must (i) be in compliance with the Agreement, (ii) pay its employees prevailing wages when required by law (Examples of prevailing wage categories include public works, printing, janitorial, window

washing, building and grounds services, site technician services, natural resource services, security guard and food services). Contractor is responsible for contacting the Illinois Dept. of Labor 217-782-1710; <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/prevaling-wage-act.aspx> compliance with prevailing wage requirements), (iii) pay its suppliers and sub-contractors according to the terms of their respective contracts, and (iv) provide lien waivers to the City upon request.

18. CONTRACTOR REQUIREMENTS

- A. The Contractor shall abide by and comply with all local, State and federal laws and regulations relating to contracts involving public funds and the development/construction of public works, buildings, or facilities. The scale of wages to be paid shall be obtained from Illinois Department of Labor and posted by the Contractor in a prominent and accessible place at the project work site.
- B. The Contractor certifies it has not been barred from being awarded a contract with a unit of State or local government as a result of bid rigging or bid rotating or any similar offense (720 ILCS 5/33 E-3, E-4).
- C. The Contractor certifies, pursuant to the Illinois Human Rights Act (775 ILCS 5/2-105), that it has a written sexual harassment policy that includes, at a minimum, the following information: (1) the illegality of sexual harassment, (2) the definition of sexual harassment under State law, (3) a description of sexual harassment utilizing examples, (4) the Contractor's internal complaint process including penalties, (5) legal recourse, investigation and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission and directions on how to contact both; and (6) protection against retaliation as provided by Section 6-101 of the Illinois Human Rights Act.
- D. The Contractor shall abide by the "Illinois Preference Act" which stipulates that whenever there is a period of excessive unemployment in Illinois, defined as any month immediately following two (2) consecutive months during which the level of unemployment in Illinois exceeds five percent (5%) as measured by the U.S. Bureau of Labor Statistics in its monthly publication of employment and unemployment figures, the Contractor shall employ only Illinois laborers unless otherwise exempted as so stated in the Act. ("Illinois laborer" means any person who has resided in Illinois for at least 30 days and intends to become or remain an Illinois resident) Other laborers may be used IF Illinois laborers are not available or are incapable of performing the particular type of work involved if so certified by the Contractor and approved by the project engineer.

19. SUB-CONTRACTORS

- A. The term "sub-contract" means any agreement, arrangement or understanding, written or otherwise between a Contractor and any person (in which the parties do not stand in the relationship of an employer or an employee) for the furnishing of supplies or services or for the use of real or personal property, including lease arrangements, which, in whole or in part, is utilized in the performance of any one

or more Contracts under which any portion of the Contractor's obligation under any one or more Contracts is performed, undertaken or assumed.

- B. The Bidder is specifically advised that any person, firm or party, to whom it is proposed to award a sub-contract under this contract must be acceptable to the City. Approval for the proposed sub-contract Award cannot be given by the City until the proposed Sub-contractor has submitted evidence showing that it has fully complied with any reporting requirements to which it is, or was, subject.
- C. The contractor, shall, within ten (10) days after award of the Contract, submit to the City in writing, names and addresses and respective amounts of money for proposed contracts with Sub-contractors/major suppliers. The City will review and may direct the Contractor that they shall not employ any that are not acceptable as provided above.
- D. The sub-contractor shall abide by and comply with all local, State and federal laws and regulations relating to contracts involving public funds and the development/construction of public works, buildings, or facilities.

20. PAYMENTS TO SUB-CONTRACTORS

- A. Within seven days after the receipt of amounts paid by the City for work performed by a sub-contractor under this contract, the Contractor shall either:
 - 1. Pay the sub-contractor for the proportionate share of the total payment received from the City attributable to the work performed by the sub-contractor under this contract; or,
 - 2. Notify the City and sub-contractor, in writing, of his intention to withhold all or a part of the sub-contractor's payment and the reason for non-payment.
- B. The Contractor shall pay interest to the sub-contractor on all amounts owed that remain unpaid beyond the seven-day period except for amounts withheld as allowed in item 2 above.
- C. Unless otherwise provided under the terms of this contract, interest shall accrue at the rate of one percent per month.
- D. The Contractor shall include in each of its sub-contracts a provision requiring each Sub-contractor to include or otherwise be subject to the same payment and interest requirements as set forth above with respect to each lower-tier sub-contractor.
- E. The Contractor's obligation to pay an interest charge to a sub-contractor pursuant to this provision may not be construed to be an obligation of the City.

21. BOND – PERFORMANCE, MATERIAL, & LABOR

- A. When required by the specifications herein, the successful Bidder or Bidders shall, within ten (10) calendar days after acceptance of the Bidder's bid by the City, furnish a performance bond for 100% of the full amount of the contract from insurance companies having not less than A+ Policyholders Rating from the most recent Alfred M. Best and Co., Inc. listing available. Certification of the insurance company's rating shall be provided prior to contract implementation and quarterly thereafter until contract completion. Should such rating fall below the required A+ level during performance of the contract, it will be the contractor's responsibility to notify the City and provide a new bond from an insurance company whose rating meets the City's requirements.
- B. When required by the specifications herein, all Bidders shall submit with the bid a bid bond. A letter of credit may be furnished in lieu of a bid bond only if the following conditions are met: 1) An irrevocable letter of credit must be obtained from an accredited bank which shall include an agreement that the bank will honor a demand by the City for payment due to Plaintiff failure to complete the project. 2) An irrevocable letter of credit must be in writing and signed by an authorized representative of the bank. 3) The irrevocable letter of credit must expressly state that it is irrevocable until the bid has been awarded. 4) The letter of credit must be for the percentage specified in the bid documents.
- C. The City may reject the use of an irrevocable letter of credit if the financial soundness of the issuing bank is found to be unacceptable.
- D. In the event that the Bidder fails to furnish a performance bond in said period of ten (10) calendar days after acceptance of the Bidder's bid by the City, the City may withdraw its acceptance of the bid and retain the Bidder's deposit as liquidated damages and not as a penalty.
- E. If the contractor has more than one project for which there is a contract with the City of Evanston the contractor shall provide a separate Performance Bond for each project.

22. INDEMNITY

- A. The Contractor shall defend, indemnify and hold harmless the City and its officers, elected and appointed officials, agents, and employees from any and all liability, losses, or damages as a result of claims, demands, suits, actions, or proceedings of any kind or nature, including but not limited to costs, and fees, including attorney's fees, judgments or settlements, resulting from or arising out of any negligent or willful act or omission on the part of the Contractor or Contractor's sub-contractors, employees, agents or sub-contractors during the performance of this Agreement. Such indemnification shall not be limited by reason of the enumeration of any insurance coverage herein provided. This provision shall survive completion, expiration, or termination of this Agreement.

- B. Nothing contained herein shall be construed as prohibiting the City, or its officers, agents, or employees, from defending through the selection and use of their own agents, attorneys, and experts, any claims, actions or suits brought against them. The Contractor shall be liable for the reasonable costs, fees, and expenses incurred in the defense of any such claims, actions, or suits. Nothing herein shall be construed as a limitation or waiver of defenses available to the City and employees and agents, including but not limited to the Illinois Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10/1-101 et seq.
- C. At the City Corporation Counsel's option, Contractor must defend all suits brought upon all such Losses and must pay all costs and expenses incidental to them, but the City has the right, at its option, to participate, at its own cost, in the defense of any suit, without relieving Contractor of any of its obligations under this Agreement. Any settlement of any claim or suit related to this Project by Contractor must be made only with the prior written consent of the City Corporation Counsel, if the settlement requires any action on the part of the City.
- D. To the extent permissible by law, Contractor waives any limits to the amount of its obligations to indemnify, defend, or contribute to any sums due under any Losses, including any claim by any employee of Contractor that may be subject to the Illinois Workers Compensation Act, 820 ILCS 305/1 et seq. or any other related law or judicial decision, including but not limited to, Kotecki v. Cyclops Welding Corporation, 146 Ill. 2d 155 (1991). The City, however, does not waive any limitations it may have on its liability under the Illinois Worker Compensation Act, the Illinois Pension Code or any other statute.
- E. The Contractor shall be responsible for any losses and costs to repair or remedy work performed under this Agreement resulting from or arising out of any act or omission, neglect, or misconduct in the performance of its Work or its sub-contractors' work. Acceptance of the work by the City will not relieve the Contractor of the responsibility for subsequent correction of any such error, omissions and/or negligent acts or of its liability for loss or damage resulting therefrom.

23. CONTRACTOR'S LIABILITY INSURANCE

- A. THE CONTRACTOR SHALL NOT COMMENCE WORK UNDER THIS CONTRACT UNTIL THEY HAVE OBTAINED ALL INSURANCE REQUIRED HEREIN AND SUCH INSURANCE HAS BEEN APPROVED BY THE CITY. Nor shall the contractor allow any sub-contractor to commence work until all similar insurance required of the sub-contractor has been so obtained.
- B. The City of Evanston shall be named as an additional insured on the policy of the contractor for whatever the policy limits are for the contractor, but in no event shall the Comprehensive General Liability limits be less than \$3,000,000.00.
- C. If the contractor has more than one project for which he has a contract with the City of Evanston there shall be separate Certificates of Insurance naming the City as an

additional insured on each separate policy.

- D. In the event of accidents, injuries, or unusual events, whether or not any injury occurred, the contractor shall promptly furnish the City with copies of all reports of such incidents.
- E. The contractor shall furnish one (1) copy of a certificate, with the City named as an additional insured, showing the following minimum coverage with insurance company acceptable to the City.

24. PRE-CONSTRUCTION MEETING

- A. A pre-construction meeting will be scheduled for the successful Contractor at a date immediately following awarding of the Contracts.

25. LIQUIDATED DAMAGES

- A. Project start and end dates must adhere to those provided in the specifications. In the event the work is not substantially completed by August 14, 2026, then in addition to any remedies available to the City, the Contractor will pay to the City the sum of **One Thousand Four Hundred and Twenty Five Dollars** per day for each calendar day beyond those dates, until substantial completion of the work has been achieved. This payment is for liquidated damages, in addition to any other damages that may be incurred by the City, and not as a penalty. All such liquidated damages may be set-off against any moneys that may be due the contractor.
- B. Substantial Completion shall be defined as 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 City can occupy or utilize the work for its intended use. Substantial Completion will be certified by the issuance of a Certificate of Substantial Completion, to be issued by the City's representative, when the Contractor has satisfied the above statement and billed the City for a minimum of 90% of the total value of the work.

26. EXTENSION OF TIME

- A. Delays due to causes beyond the control of the contractor other than such as reasonable would be expected to occur in connection with or during the performance of the work, may entitle the contractor to an extension of time for completing the work sufficient to compensate for such delay. No extension of time shall be granted, however, unless the contractor shall notify the City in writing thereof, within ten (10) days from the initiation of the delay and unless he shall, within ten (10) days after the expiration of the delay, notify the City in writing of the extension of time claimed on account thereof and then only to the extent, if any, allowed by the City.

27. DEFAULT

- A. The City may, subject to the provisions of this section, by written notice of default to Contractor, terminate the whole or any part of this contract in any one of the

following circumstances:

1. if the Contractor fails to perform the services within the time specified herein, or any extension thereof; or
 2. if the contractor fails to perform any of the other provisions of this contract, or so fails to make progress as to endanger performance of this contract in accordance with its terms, and in either of these two circumstances does not cure failure within a period of 10 days (or such other extended period as the City may authorize in writing) after receipt of notice from the City specifying such failure
- B. In the event the City terminates this contract in whole or in part as provided in this section, the City may procure, upon such terms and in such manner as the City may deem appropriate, services similar to those so terminated, and the Contractor will be liable to the City for any excess costs for such similar services.
- C. The Contractor will not be liable for any excess of costs if acceptable evidence has been submitted to the City that the failure to perform the contract was due to causes beyond the control and without fault or negligence of the Contractor.
- D. Contractors who default may not be considered for awards of future City contracts.

28. USE OF PREMISES

- A. The contractor shall confine his apparatus, the storage of materials and the operations of his workers, to limits indicated by law, ordinances, permits or directions of the City.

29. DISCLOSURES AND POTENTIAL CONFLICTS OF INTEREST (30 ILCS 500/50-35)

- A. The City of Evanston's Code of Ethics prohibits public officials or employees from performing or participating in an official act or action with regard to a transaction in which he has or knows he will thereafter acquire an interest for profit, without full public disclosure of such interest. This disclosure requirement extends to the spouse, children and grandchildren, and their spouses, parents and the parents of a spouse, and brothers and sisters and their spouses.

To ensure full and fair consideration of all bids, the City of Evanston requires all Bidders including owners or employees to investigate whether a potential or actual conflict of interest exists between the Bidder and the City of Evanston, its officials, and/or employees. If the Bidder discovers a potential or actual conflict of interest, the Bidder must disclose the conflict of interest in its bid, identifying the name of the City of Evanston official or employee with whom the conflict may exist, the nature of the conflict of interest, and any other relevant information. The existence of a potential or actual conflict of interest does NOT, on its own, disqualify the disclosing Bidder from consideration. Information provided by Bidders in this regard will allow the City of Evanston to take appropriate measures to ensure the

fairness of the bidding process.

The City of Evanston requires all bidders to submit a certification, enclosed with this bid packet, that the bidder has conducted the appropriate investigation and disclosed all potential or actual conflicts of interest.

By submitting a bid, all Bidders acknowledge and accept that if the City of Evanston discovers an undisclosed potential or actual conflict of interest, the City of Evanston may disqualify the Bidder and/or refer the matter to the appropriate authorities for investigation and prosecution.

INSURANCE REQUIREMENTS

<u>TYPE OF INSURANCE</u>	<u>MINIMUM INSURANCE COVERAGE</u>	
	Consequent Death	Bodily Injury and Property Damage
	Each Occurrence	Aggregate
Commercial General Liability including:	\$3,000,000	\$3,000,000
1. Comprehensive form		
2. Premises - Operations		
3. Explosion & Collapse Hazard		
4. Underground Hazard		
5. Products/Completed Operations Hazard		
6. Contractual Insurance – With an endorsement on the face of the certificate that it includes the "Indemnity" paragraph of the specifications.		<u>Insurance Certificate Must State: The City Of Evanston is Named as Additional Insured</u>
7. Broad Form Property Damage - construction projects only		
8. Independent contractors		
9. Personal Injury		
Automobile Liability Owned, Non-owned or Rented	\$ 1,000,000	\$1,000,000
Workmen's Compensation and Occupational Diseases As required by applicable laws. Employer's Liability		\$ 500,000

Thirty-day notice of cancellation required on all certificates.

EXHIBIT A – BID FORM
For
2026 Church Street Water Main Improvements
(BID #26-04)

1.01 BID TO:

THE CITY OF EVANSTON
909 Davis Street
Evanston, Illinois 60201

Hereinafter called "OWNER".

1.02 BID FROM:

(Hereinafter call "BIDDER")

Address

Telephone Number

Fax Number

1.03 BID FOR: **2026 Church Street Water Main Improvements**

1.04 ACKNOWLEDGEMENT:

A. The Bidder, in compliance with the Invitation for Bids, having carefully examined the Drawings and Project Manual with related documents and having visited the site of the proposed Work, and being familiar with all of the existing conditions and limitations surrounding the construction of the proposed project, including the structure of the ground, subsurface conditions, the obstacles which may be encountered, local restrictions, and all other relevant matters concerning the Work to be performed, hereby PROPOSES to perform everything required to be performed, and to provide all labor, materials, necessary tools and equipment, expendable equipment, all applicable permits and taxes and fees, and provide all utility and transportation services necessary to perform and complete in a workmanlike

manner the Project in accordance with all the plans, specifications and related Contract Documents as prepared by the City of Evanston.

- B. The undersigned hereby acknowledges receipt of Invitation of Bids, Instruction to Bidder, the Project Manual, Drawings, and other Contract Documents and acknowledges receipt of the following Addenda:

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

1.05 GENERAL STATEMENTS

- A. The undersigned has checked all of the figures contained in this proposal and further understands that the Owner will not be responsible for any errors or omissions made therein by the undersigned.
- B. It is understood that the right is reserved by the Owner to reject any or all proposals, to waive all informality in connection therewith and to award a Contract for any part of the work or the Project as a whole.
- C. The undersigned declares that the person(s) signing this proposal is/are fully authorized to sign on behalf of the named firm and to fully bind the named firm to all the conditions and provisions thereof.
- D. It is agreed that no person(s) or company other than the firm listed below or as otherwise indicated hereinafter has any interest whatsoever in this proposal or the Contract that may be entered into as a result thereof, and that in all respects the proposal is legal and fair, submitted in good faith, without collusion or fraud.
- E. It is agreed that the undersigned has complied and/or will comply with all requirements concerning licensing and with all other local, state and national laws, and that no legal requirement has been or will be violated in making or accepting this proposal, in awarding the Contract to him, and/or in the prosecution of the Work required hereunder.
- F. To be considered a bona fide offer, this proposal must be completed in full and accompanied by a bid deposit or a bid bond when required by Contract Documents or Addenda.

1.06 ALTERNATES

- A. When alternate proposals are required by Contract Documents or Addenda thereto, the undersigned proposes to perform alternates for herein stated additions to or deductions from hereinbefore stated Base Bid. Additions and deductions include all modifications of Work or additional Work that the undersigned may be required to perform by reason of the acceptance of alternates.

1.07 ALLOWANCE

A. N/A

1.08 AGREEMENT

- A. In submitting this Bid, the undersigned agrees:
1. To hold this Bid open for sixty (60) days from submittal date.
 2. To enter into and execute a Contract with the Owner within ten (10) days after receiving Notice of Award from the Owner.
 3. To accomplish the work in accordance with the Contract Documents.
 4. To complete the work by the time stipulated in the General Conditions
- B. The Owner reserves the right to reject any and all Bids and to waive any informalities in Bidding.

1.09 SCHEDULE

A. See General Conditions for required schedule of completion dates.

1.10 PROPOSED PRICES

A. The Bidder hereby proposes to furnish all labor, materials, equipment, transportation, construction plant and facilities necessary to complete, in a workmanlike manner and in accordance with the contract documents, the contract of work bid upon herein for compensation in accordance with the following prices:

TOTAL BID AMOUNT: \$ _____

1.11 UNIT PRICING LIST

The undersigned submits the following UNIT PRICING LIST to be performed as shown on the Plans and/or described in the Specifications, and agrees that items of work not specifically mentioned in the Schedule which are necessary and required to complete the work intended shall be done incidental to and as part of the work for which a unit price is given, and understands that no additional payment will be made for such incidental work from the estimated quantities shown below. Unit prices for individual line items shall be used for the project's schedule of values, pay applications and will also be used to determine the amount to ADD TO or DEDUCT FROM the contract LUMP SUM PRICE for properly authorized additional or deducted work. In the event of a change to the contract the contractor shall be limited to markup percentages as indicated in Section 01028, 1.05, A. Bidders shall examine plans and determine actual work items and quantities for the work involved for bid analysis by the Owner.

2026 CHURCH STREET WATER MAIN IMPROVEMENTS					
ITEM NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	COST
1	TEMPORARY FENCE	FOOT	7,474		
2	TREE TRUNK PROTECTION	EACH	68		
3	TREE ROOT PRUNING	FOOT	2,102		
4	TREE PRUNING	EACH	68		
5	TREE REMOVAL (OVER 15 INCH DIA)	EACH	7		
6	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	80		
7	TRENCH BACKFILL	CU YD	1,090		
8	POROUS GRANULAR BACKFILL	TON	290		
9	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	25		
10	EXPLORATION TRENCH, SPECIAL (UP TO 8 FEET DEEP)	EACH	13		
11	WATER SERVICE POTHOLING, SPECIAL (UP TO 8 FEET DEEP)	EACH	4		
12	INLET FILTERS	EACH	53		
13	SUBBASE GRANULAR MATERIAL, TYPE B	TON	24		
14	AGGREGATE FOR TEMPORARY ACCESS	TON	265		
15	TEMPORARY HOT-MIX ASPHALT	TON	300		
16	TEMPORARY COLD-MIX ASPHALT	TON	140		
17	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,200		
18	AGGREGATE (PRIME COAT)	TON	7		
19	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	375		
20	HMA SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3,159		
21	PCC DRIVEWAY PAVEMENT, 6 INCH	SQ YD	59		
22	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	3,850		
23	DRIVEWAY PAVEMENT REMOVAL	SQ YD	59		
24	CONCRETE CURB REMOVAL	FOOT	115		

25	COMBINATION CURB AND GUTTER REMOVAL	FOOT	526		
26	SIDEWALK REMOVAL	SQ FT	3,850		
27	FULL DEPTH PATCHES, SPECIAL 11"	SQ YD	1,227		
28	RELIEF SEWERS 12", SPECIAL (DIP CL 50)	FOOT	19		
29	STORM SEWERS 24", (PVC, SDR. 26)	FOOT	10		
30	STORM SEWERS 8", SPECIAL (DIP CL 50)	FOOT	162		
31	WATER MAIN 10", (DIP CL 54), PUSH JOINT	FOOT	160		
32	WATER MAIN 8", (DIP CL 54), PUSH JOINT	FOOT	980		
33	WATER MAIN 6", (DIP CL 54), PUSH JOINT	FOOT	80		
34	WATER MAIN 10", (DIP CL 54), RESTRAINED JOINT, DIRECTIONALLY DRILLED	FOOT	340		
35	WATER MAIN 8", (DIP CL 54), RESTRAINED JOINT, DIRECTIONALLY DRILLED	FOOT	2,040		
36	WATER VALVES, 24", SERIES 2500-NRS WITH BEVEL GEARING; WATER MAIN 24" (DIP, CL 54), EXTERNAL ZINC-BASED COATED; FLUOROCARBON RUBBER (VITON) GASKET, 24" (ALLOWANCE); COMPLETE	EACH	1		
37	WATER VALVES, 10", COMPLETE	EACH	3		
38	WATER VALVES, 8", COMPLETE	EACH	17		
39	WATER VALVES, 6", COMPLETE	EACH	3		
40	WATER SERVICE LINE, 2" DIA OR LESS, SHORT - PARTIAL REPLACEMENT	EACH	14		
41	WATER SERVICE LINE, 2" DIA OR LESS, SHORT - FULL REPLACEMENT	EACH	17		
42	WATER SERVICE LINE, 2" DIA OR LESS, LONG - PARTIAL REPLACEMENT	EACH	1		
43	WATER SERVICE LINE, 2" DIA OR LESS, LONG - FULL REPLACEMENT	EACH	4		
44	WATER SERVICE LINE, 4" DIA OR GREATER, VALVES, VALVE BOXES, COMPLETE	EACH	2		
45	ADJUSTING SANITARY SERVICES, 8-INCH DIA OR LESS	EACH	31		
46	FIRE HYDRANTS TO BE REMOVED	EACH	3		
47	FIRE HYDRANT WITH AUXILIARY VALVE, 6" DIWM PIPE, VALVE BOX AND TEE, COMPLETE	EACH	7		
48	FLUOROCARBON RUBBER (VITON) GASKET, 10" (ALLOWANCE)	EACH	12		
49	FLUOROCARBON RUBBER (VITON) GASKET, 8" (ALLOWANCE)	EACH	160		

50	FLUOROCARBON RUBBER (VITON) GASKET, 6" (ALLOWANCE)	EACH	44		
51	FLUOROCARBON RUBBER (VITON) GASKET, 4" (ALLOWANCE)	EACH	10		
52	DUCTILE IRON WATER MAIN FITTINGS (ALLOWANCE)	POUND	2,345		
53	CATCHBASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	8		
54	VALVE VAULTS, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	15		
55	VALVE BOX, COMPLETE	EACH	8		
56	REMOVING CATCHBASINS	EACH	8		
57	REMOVING INLETS	EACH	8		
58	FILLING VALVE BOXES	EACH	4		
59	FILLING VALVE VAULTS	EACH	1		
60	CONCRETE CURB, TYPE B (AEP MODIFIED)	FOOT	115		
61	COMB. CONC. CURB & GUTTER, TYPE B-6.12 (AEP MODIFIED)	FOOT	526		
62	NON-SPECIAL WASTE DISPOSAL	CU YD	1,085		
63	SPECIAL WASTE PLANS AND REPORTS	LSUM	1		
64	SOIL DISPOSAL ANALYSIS	EACH	26		
65	MOBILIZATION	LSUM	1		
66	TRAFFIC CONTROL AND PROTECTION	LSUM	1		
67	CONSTRUCTION LAYOUT	LSUM	1		
68	STREET SWEEPING	EACH	65		
69	SHORT TERM PAVEMENT MARKINGS/WORK ZONE PAVEMENT MARKINGS	FOOT	10,800		
70	SHORT TERM PAVEMENT MARKING /WORK ZONE PAVEMENT MARKINGS REMOVAL	SQ FT	3,600		
71	PRE-FORMED PAVEMENT MARKING - BICYCLE AND ARROW (PAIR) SYMBOLS ON GREEN BACKGROUND	EACH	6		
72	GREEN COLOR PRE-FORMED PAVEMENT MARKINGS	SQ FT	1,200		
73	BIKE BOLLARDS, REMOVAL AND REPLACEMENTS	EACH	10		
74	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	27		
75	THERMOPLASTIC PAVEMENT MARKING LINE - 24"	FOOT	166		

76	THERMOPLASTIC PAVEMENT MARKING LINE - 12"	FOOT	520		
77	THERMOPLASTIC PAVEMENT MARKING LINE - 6"	FOOT	1,420		
78	THERMOPLASTIC PAVEMENT MARKING LINE - 4"	FOOT	8,730		
79	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL. MO.	8		
80	PRE AND POST CONSTRUCTION SUB-SURFACE VIDEOTAPING	FOOT	7,232		
81	LANDSCAPING ALLOWANCE	LSUM	1	\$10,000.00	\$10,000.00
82	LEAD-BASED PAINT AND ASBESTOS MATERIALS REMEDIATION ALLOWANCE	LSUM	1	\$10,000.00	\$10,000.00
83	ELECTRICAL GROUNDING ALLOWANCE	LSUM	1	\$10,000.00	\$10,000.00
84	CORING INTERIOR WALLS	EACH	4		
85	FOR PARTIAL WATER SERVICES, EXTERIOR COPPER PIPE	FOOT	150		
86	FOR FULL WATER SERVICES, INTERIOR COPPER PIPE	FOOT	210		
87	ABUTMENT RAILINGS REMOVAL AND RE-INSTALLATION, COMPLETE	LSUM	1		
88	PAVERS REMOVAL AND REPLACEMENT	SQ YD	59		
89	DETECTABLE WARNINGS	SQ FT	1,128		
90	TRAFFIC LOOP DETECTOR	FOOT	509		
TOTAL BID AMOUNT:					

1.12 BID SECURITY

If required by the bid documents, a scanned copy of the bid bond must be included with the bid electronic submission. The City is currently not able to accept a certified check, bank cashier's check or electronic bid bond at this time.

- A. The City of Evanston Civic Center is unable to receive in person drop-off and it is closed to the public. The original bid bond must be mailed within ten (10) days after the due date, to the City of Evanston Purchasing Department, 909 Davis Street, Evanston, Illinois 60201 Attention Purchasing Manager using the USPS (certified or priority), UPS or FedEx mail options in order to have a tracking number.
- B. Accompanying this electronic submittal is a scanned copy of a bank draft, bid bond, Cashier's check or Certified check as surety in the amount of not less than five percent (5%) of the Total Bid payable to the City of Evanston.

The amount of the check or draft is: \$ _____

If this bid is accepted and the undersigned shall fail to execute a contract and contract bond as required it is hereby agreed that the amount of the check or draft or bidder's bond substituted in lieu thereof, shall become the property of the City and shall be considered as payment of damages due to delay and other causes suffered by the City because of the failure to execute said contract and contract bond; otherwise said check or draft shall be returned to the undersigned.

In the event that one check or draft is intended to cover two or more bids, the amount must be equal to the sum of the project proposal guarantees of the individual sections covered.

If the check or draft is placed on another project proposal, state below where it may be found, as follows: The check or draft will be found in the project proposal for:

_____.

1.13 PERFORMANCE/PAYMENT BOND

The undersigned bidder agrees to provide Performance Bond and Payment Bond executed in accordance with Contract Performance Bond form furnished by and acceptable to the Owner written with _____

_____ in the amount of 100% of the Contract Sum (Total Base Bid and all accepted alternatives and adjustments) the cost of which is included in the Bid.

Cost of bond for change order is _____ percent of change order cost.

1.14 LIQUIDATED DAMAGES

The undersigned Bidder understands and agrees to the provisions stated under "LIQUIDATED DAMAGES" in the General Conditions and shall be assessed at the specified daily rate for each calendar day or partial calendar day until completion as defined herein.

1.15 MATERIAL SUBSTITUTION SHEET

The following is a schedule of substitute materials I propose to furnish on this job, with the difference in price being added to or deducted from the Base Bid. The Base Bid is understood to include only those items which are definitely specified by trade names or otherwise.

I understand that if no price difference is indicated, then the selection of materials is optional with the Owner, and approval or rejection of the substitution below will be indicated prior to signing of Contracts.

<u>PRODUCT NAME AND/OR MANUFACTURER</u>	<u>ADD</u>	<u>DEDUCT</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

1.16 PROPOSAL SIGNATURE (REQUIRED)

A. SOLE PROPRIETOR

Signature of Bidder: _____

SUBSCRIBED AND SWORN to before me this ____ day of ____, 20__

Notary Public

Commission Expires: _____

B. PARTNERSHIP

Signature of All Partners: _____

Name (typed or printed)

Name (typed or printed)

SUBSCRIBED AND SWORN to before me this ____ day of ____, 20__

Commission Expires: _____

Notary Public

C. CORPORATION

Signature of Authorized Official: _____

Title: _____

Name above (typed or printed): _____

(If other than the president, attach a certified copy of that section of corporate by-laws or other authorization by the Corporation which permits the person to execute the offer for the Corporation.)

(Corporate Seal)

Attest: _____

Secretary

SUBSCRIBED AND SWORN to before me this ____ day of ____, 20__

Commission Expires: _____

Notary Public

1.17 DISCLOSURE

- A. The undersigned duly sworn deposes and says on oath that the bidder has withheld no disclosures of ownership interest and the information provided herein to the best of its knowledge is current and said undersigned has not entered into any agreement with any other bidder or prospective bidder or with any other person, firm or corporation relating to the price named in said proposal or any other proposal, nor any agreement or arrangement under which any person, firm or corporation is to refrain from bidding, nor any agreement or arrangement for any act or omission in restraint of free competition among bidders and has not disclosed to any person, firm or corporation the terms of this bid or the price named herein.

Bidder: _____

Business Address: _____

Telephone Number: _____

1.18 CONTACTS

- A. In the event the Evanston City Council approves this bid response, list the name, address, telephone, and fax number of the person to be contacted:

Bidder: _____

Address: _____

Telephone Number: _____

Fax Number: _____

1.19 REFERENCES

A. Provide three (3) references for which your firm has completed work of a similar scope in the past.

1. Name: _____

Address: _____

Contact Person: _____

Phone: _____

Contract Value: _____

Contract Dates: _____

2. Name: _____

Address: _____

Contact Person: _____

Phone: _____

Contract Value: _____

Contract Dates: _____

3. Name: _____

Address: _____

Contact Person: _____

Phone: _____

Contract Value: _____

Contract Dates: _____

EXHIBIT B

RBO COMPLIANCE CERTIFICATION

[Company Letterhead]

City of Evanston – Bid Compliance Certification

We hereby certify that [Company Name] is in full compliance with the requirements set forth under Ordinance 23-O-25, attached hereto, including but not limited to all applicable provisions under Section 1-17-1 of the Evanston City Code.

Our company has reviewed and will adhere to:

- The Local Employment Program (LEP), including the hiring of Evanston residents and achieving 15% of project hours performed by said residents.
- The Apprenticeship Training Program requirement, with attached documentation of program participation and graduation rates.
- The prohibition on excessive pass-through subcontracting; we will perform a minimum of 25% of the contracted work directly.
- All certification and documentation obligations outlined in the ordinance.

Signed: _____

Name: _____

Title: _____

Company Name: _____

Project Title: _____

Project Number: _____

Date: _____

EXHIBIT B

RBO COMPLIANCE CERTIFICATION

[Company Letterhead]

City of Evanston – Legal & Regulatory Compliance Certification

I, [Authorized Representative Name], hereby certify that [Company Name] complies with and has provided documentation for each of the following:

- Illinois Prevailing Wage Act (past 5 years; no violations)
- Substance Abuse Prevention on Public Works Project Act (written policy included)
- Workers' Compensation Act (policy attached, correct classification)
- Unemployment Insurance Act (IDES registration included)
- Employee Classification Act
- Davis-Bacon Act (if applicable)
- Registered in Sam.Gov (if applicable)
- Unique Entity Identifier (UEI) (if applicable)
- Corporate good standing with the Illinois Secretary of State
- Illinois Department of Revenue registration
- No federal, state, or local tax liens or delinquencies within the past 5 years
- Disclosure of any violations or determinations by federal or state authorities related to contracting, safety, tax, licensing, or labor laws.

Signed: _____

Name: _____

Title: _____

Project Title: _____

Project Number: _____

Date: _____

EXHIBIT B

RBO COMPLIANCE CERTIFICATION

[Subcontractor Letterhead]

City of Evanston – Subcontractor Compliance Certification

Subcontractor Name: _____

Prime Contractor: _____

Project Title: _____

Project Number: _____

I hereby certify that [Subcontractor Name] will comply with all City of Evanston ordinance requirements applicable to public works contracts, including Local Employment Program provisions, Apprenticeship Program participation, and regulatory compliance obligations listed under Ordinance 23-O-25.

All documentation and certifications have been submitted to the prime contractor and will be furnished to the City upon request.

Signed: _____

Name: _____

Title: _____

Date: _____

EXHIBIT C

CITY OF EVANSTON LOCAL EMPLOYMENT PROGRAM (LEP) COMPLIANCE

Effective Date January 1, 2015

City of Evanston Ordinance 60-O-14, Local Employment Program (LEP) Penalties:

Ordinance 60-O-14, Amendment to the MWDEBE/LEP revising the penalty section from a \$100/per day to a 1.0% of total project value penalty can be found at: Ordinance 60-O-14 Amendment MWEDBE LEP of the Evanston City Code Section 1-17-1 (C) can be found at Municode Library. The following are excerpts from Ordinance 60-O-14, Amending City Code Section 1-17-1(C) (11): Penalty.

If the contractor or sub-contractor fails to comply: The City may impose a fine up to one percent (1.0%) of the approved project price in total. Contractors or sub-contractors that are out of compliance due to a resident termination or resignation shall immediately notify the Business Workforce Compliance Coordinator of this occurrence within two (2) business days. Subsequently, the contractor or sub-contractor shall have five (5) additional business days to replace a terminated or resigned worker with another resident.

If the contractor or sub-contractor fails to comply: If the contractor or sub-contractor fails to make the replacement or to notify the Business Workforce Compliance Coordinator of this occurrence, the offending party will also be subject to a penalty up to one percent (1.0%) of the approved project price. If the noncompliant contractor makes a good faith effort to replace the resident, the fine may be waived.

If the contractor or sub-contractor fails to comply: At the sole discretion of the City, a contractor or sub-contractor that has violated the terms of the Local Employment Program within a three-year period may be determined a non-responsible bidder and excluded from bidding on future projects for a period of not less than one year.

If the employee (LEP Evanston resident) fails to comply: At the sole discretion of the City, an employee that has been hired through the LEP may be removed from the program for a period of not less than one year for failing to adhere to program guidelines or due to termination by the contractor for cause. Such termination process will be reviewed by the Workforce Development Coordinator.

****Detailed Local Employment Program Instructions “How to Comply” can be found at: [Local Employment Program Detailed Instructions](#)**

Local Employment Program or Exhibit F Questions: City staff is available for assistance to help with compliance. Submit questions in writing to Jessica Cooper, the Workforce Development Coordinator at jcooper@cityofevanston.org or Tammi Nunez, Purchasing Manager at tnunez@cityofevanston.org.

EXHIBIT C

LOCAL EMPLOYMENT PROGRAM COMPLIANCE
CITY CODE SECTION 1-17-1(C): LOCAL EMPLOYMENT PROGRAM

I have read and understood the requirements of the City of Evanston Local Employment Program (“LEP”) as set forth in City of Evanston Code Section 1-17-1(C): Local Employment Program. I intend to comply with the program as follows:

Estimated total labor cost = \$ _____ 15% of total labor cost = \$ _____

- _____ My total bid, including all alternates, is under \$250,000, and the LEP does not apply.
- _____ My total bid, including all alternates, is equal to or greater than \$250,000, and I already employ, and will continue to employ for the duration of the contract for which I am submitting this bid, Evanston residents (residing in zip codes 60201 or 60202) for at least 15% of all hours worked at the construction site by construction trade workers.
- _____ My total bid, including all alternates, is equal to or greater than \$250,000, and I will employ, for the duration of the contract for which I am submitting this bid, through use of the City of Evanston database or otherwise, Evanston residents (residing in zip codes 60201 or 60202) for at least 15% of all hours worked at the construction site by construction trade workers.
- _____ My total bid, including all alternates, is equal to or greater than \$250,000, and I have been unable to comply with the LEP requirements but am willing to work with the City to achieve compliance.
- _____ My total bid, including all alternates, is equal to or greater than \$250,000, and after having made sincere attempt to comply as noted below, I seek a waiver on a portion or all of the LEP requirements on this contract. Complete next section “Reasons for Waiver Request” below.

I UNDERSTAND THAT FAILURE TO COMPLY WITH THE LEP, REGARDLESS OF INTENT, MAY RESULT IN MAXIMUM PENALTY AS SET FORTH IN CITY CODE SECTION 1-17-1(C)(11), AS AMENDED.

WAIVER WILL BE GRANTED ONLY AFTER SINCERE ATTEMPT TO COMPLY*

REASONS FOR WAIVER REQUEST: PLEASE CHECK ALL THAT APPLY AND COMPLETE INFORMATION REQUESTED:

- 1. I have made sincere attempt as otherwise indicated below but have nonetheless been unable to comply.
 - a. I do or will employ Evanston residents for the project, but such employment amounts to ____% of total labor cost.
- 2. The nature of the job is so technical that after having made sincere attempt as otherwise indicated below, I have been unable to locate any Evanston residents qualified to perform any aspects of the work. Please describe applicable job requirements/qualifications. Attach separate sheet if necessary:

*THE FOLLOWING DEMONSTRATE **SINCERE ATTEMPT TO COMPLY**: PLEASE CHECK EACH BOX COMPLETED, AS APPLICABLE:

- 3. I have utilized the local resident database and otherwise worked with the City in attempt to hire Evanston residents in compliance with LEP on this project, and have nonetheless been unable to comply;
- 4. I have placed one or more ads in a local newspaper seeking to hire Evanston residents in compliance with LEP on this project, and have nonetheless been unable to comply; and
- 5. If I am utilizing union labor, I have contacted Chicagoland labor unions to request Evanston residents for employment in compliance with LEP on this project and have nonetheless been unable to comply.

I have read The City of Evanston, Local Employment Program (LEP) requirements as set forth in City Code Section 1 -17-1(C): Local Employment Program. I understand and will comply with the LEP requirements for this project with respect to the job and/or any waiver, as applicable. **I UNDERSTAND THAT IF MY APPLICATION IS NOT COMPLETE, MY BID MUST BE REJECTED.**

SIGNED:

Signature	Printed Name and Title	Date
On behalf of Company: _____		

EXHIBIT D

City of Evanston M/W/D/EBE Policy

A City of Evanston goal is to provide contracting and sub-contracting opportunities to Minority Business Enterprises, Women Business Enterprises, Disadvantaged and Evanston Business Enterprises. The goal of the Minority, Women, Disadvantaged and Evanston Business Enterprise Program (M/W/D/EBE) is to assist such businesses with opportunities to grow. To assist such growth, the City's goal is to have general contractors utilize M/W/D/EBEs to perform no less than 25% of the awarded contract.

Firms bidding on projects with the City must work to meet the 25% goal or request a waiver from participation. It is advised that bidders place advertisements requesting sub-contractors and that they email or contact individual firms that would be appropriate to partner in response to the project. For samples of possible advertisements, see the City of Evanston's Business Diversity Section <http://www.cityofevanston.org/business/business-diversity/> ([Sample Advertisement](#)).

If a bidder is unable to meet the required M/W/D/EBE goal, the Bidder must seek a waiver or modification of the goal on the attached forms. Bidder must include:

1. A narrative describing the Bidder's efforts to secure M/W/D/EBE participation prior to the bid opening.
2. Documentation of each of the assist agencies that were contacted, the date and individual who was contacted, and the result of the conversation (see form)
3. A letter attesting to instances where the bidder has not received inquiries/proposals from qualified M/W/D/EBEs
4. Names of owners, addresses, telephone numbers, date and time and method of contact of qualified M/W/D/EBE who submitted a proposal but was not found acceptable.
5. Names of owners, addresses, telephone numbers, date and time of contact of at least 15 qualified M/W/D/EBEs the bidder solicited for proposals for work directly related to the Bid prior to the bid opening (copies must be attached).

If a bidder is selected with a Sub-contractor listed to meet the M/W/D/EBE goal, a "monthly utilization report" will be due to the City prior to each payment being issued to the Contractor. This report will include documentation of the name of the firm hired, the type of work that firm performed, etc. Should the M/W/D/EBE not be paid according to the schedule proposed in this document, the City reserves the right to cancel the contract. Examples of this monthly form can be found on the City's website: <http://www.cityofevanston.org/business/business-diversity/> ([MWDEBE Monthly Utilization Report](#)).

EXHIBIT E

M/W/D/EBE PARTICIPATION COMPLIANCE FORM

I do hereby certify that,

_____ (Name of firm) intends to participate as a Subcontractor or General Contractor on the project referenced above.

This firm is a (check only one):

- _____ Minority Business Enterprise (MBE), a firm that is at least 51% managed and controlled by a minority, certified by a certifying agency within Illinois.
- _____ Women's Business Enterprise (WBE), a firm that is at least 51% managed and controlled by a woman, certified by a certifying agency within Illinois.
- _____ Disadvantaged Business Enterprise (DBE), a firm that is at least 51% managed and controlled by a disadvantaged, certified by a certifying agency within Illinois.
- _____ Evanston Based Enterprise (EBE), a firm located in Evanston for a minimum of one year and which performs a "commercially useful function".

Total proposed price of response \$ _____

Amount to be performed by a M/W/D/EBE \$ _____

Percentage of work to be performed by a M/W/D/EBE _____ %

Information on the M/W/D/EBE Utilized:

Name _____

Address _____

Phone Number _____

Signature of firm attesting to participation _____

Title and Date _____

Type of work to be performed _____

Please attach:

1. Proper certification documentation if applying as a M/W/D/EBE and check the appropriate box below. This M/W/D/EBE will be applying with documentation from:

- | | |
|--|--|
| <input type="checkbox"/> Cook County | <input type="checkbox"/> State Certification |
| <input type="checkbox"/> Federal Certification | <input type="checkbox"/> Women's Business Enterprise National Council |
| <input type="checkbox"/> City of Chicago | <input type="checkbox"/> Chicago Minority Supplier Development Council |

2. Attach business license if applying as an EBE

EXHIBIT F

M/W/D/EBE PARTICIPATION WAIVER REQUEST

I am _____ of _____, and I have authority to
(Title) (Name of Firm)

execute this certification on behalf of the firm. I _____ do
(Name)

hereby certify that this firm seeks to waive all or part of this M/W/D/EBE participation goal for the following reason(s):

(CHECK ALL THAT APPLY. SPECIFIC SUPPORTING DOCUMENTATION MUST BE ATTACHED.)

_____ 1. No M/W/D/EBEs responded to our invitation to bid.

_____ 2. An insufficient number of firms responded to our invitation to bid.

For #1 & 2, please provide a narrative describing the outreach efforts from your firm and proof of contacting at least 15 qualified M/W/D/EBEs prior to the bid opening. Also, please attach the accompanying form with notes regarding contacting the Assist Agencies.

_____ 3. No sub-contracting opportunities exist.

Please attach a written explanation of why sub-contracting is not feasible. Please provide details supporting your request.

_____ 4. M/W/D/EBE participation is impracticable.

Please attach a written explanation of why M/W/D/EBE participation is impracticable. Please provide details supporting your request.

Therefore, we request to waive _____ of the 25% utilization goal for a revised goal of _____%.

Signature: _____
(Signature)

Date: _____

EXHIBIT G

Construction Contractors' Assistance Organizations ("Assist Agencies") Form

AGENCY	DATE CONTACTED	CONTACT PERSON	RESULT OF CONVERSATION
Association of Asian Construction Enterprises (AACE) 5500 Touhy Ave., Unit K Skokie, IL 60077 Phone: 847-5259693 Perry Nakachii, President			
Black Contractors United (BCU) 400 W. 76th Street Chicago, IL 60620 Phone: 773-483-4000; Fax: 773-483-4150 Email: bcunewera@ameritech.net			
Chicago Minority Business Development Council 105 West Adams Street Chicago, Illinois 60603 Phone: 312-755-8880; Fax: 312-755-8890 Email: info@chicagomsdc.org Shelia Hill, President			
Evanston Minority Business Consortium, Inc. P.O. Box 5683 Evanston, Illinois 60204 Phone: 847-492-0177 Email: embcinc@aol.com			
Federation of Women Contractors 5650 S. Archer Avenue Chicago, Illinois 60638 Phone: 312-360-1122; Fax: 312-360-0239 Email: FWCChicago@aol.com Contact Person: Beth Doria Maureen Jung, President			
Hispanic American Construction Industry (HACIA) 901 W. Jackson, Suite 205 Chicago, IL 60607 Phone: 312-666-5910; Fax: 312-666-5692 Email: info@haciaworks.org			
Women's Business Development Ctr. 8 S. Michigan Ave, Suite 400 Chicago, Illinois 60603 Phone: 312-853-3477 X220; Fax: 312-853-0145 Email: wbdc@wbdc.org Carol Dougal, Director			

PLEASE NOTE: Use of Construction Contractor's Assistance Organization (Assist Agencies") Form and agencies are for use as a resource only. The agencies and or vendors listed are not referrals or recommendations by the City of Evanston.

EXHIBIT I

DISCLOSURE OF OWNERSHIP INTERESTS

City of Evanston Ordinance 15-0-78 requires all persons (APPLICANT) seeking to do business with the City to provide the following information with their bid. Every question must be answered. If the question is not applicable, answer with "NA".

APPLICANT NAME: _____

APPLICANT ADDRESS: _____

TELEPHONE NUMBER: _____

FAX NUMBER: _____

APPLICANT is (**Check One**)

1. Corporation () 2. Partnership () 3. Sole Owner () 4. Association ()
5. Other () _____

Please answer the following questions on a separate attached sheet if necessary.

SECTION I - CORPORATION

1a. Names and addresses of all Officers and Directors of Corporation.

1b. (Answer only if corporation has 33 or more shareholders.) Names and addresses of all those shareholders owning shares equal to or in excess of 3% of the proportionate ownership interest and the percentage of shareholder interest. (Note: Corporations which submit S.E.C. form 10K may substitute that statement for the material required herein.)

1c. (Answer only if corporation has fewer than 33 shareholders.) Names and addresses of all shareholders and percentage of interest of each herein. (Note: Corporations which submit S.E.C. form 10K may substitute that statement for the material requested herein.)

SECTION 2 - PARTNERSHIP/ASSOCIATION/JOINT VENTURE

2a. The name, address, and percentage of interest of each partner whose interests therein, whether limited or general is equal to or in excess of 3%.

2b. Associations: The name and address of all officers, directors, and other members with 3% or greater interest.

SECTION 3 - TRUSTS

3a. Trust number and institution.

3b. Name and address of trustee or estate administrator.

3c. Trust or estate beneficiaries: Name, address, and percentage of interest in total entity.

SECTION 4 - ALL APPLICANTS - ADDITIONAL DISCLOSURE

4a. Specify which, if any, interests disclosed in Section 1, 2, or 3 are being held by an agent or nominee and give the name and address of principal.

4b. If any interest named in Section 1, 2, or 3 is being held by a "holding" corporation or other "holding" entity not an individual, state the names and addresses of all parties holding more than a 3% interest in that "holding" corporation or entity as required in 1(a), 1(b), 1(c), 2(a), and 2(b).

4c. If "constructive control" of any interest named in Sections 1, 2, 3, or 4 is held by another party, give name and address of party with constructive control. ("Constructive control" refers to control established through voting trusts, proxies, or special terms of venture of partnership agreements.)

I have not withheld disclosure of any interest known to me. Information provided is accurate and current.

Date

Signature of Person Preparing Statement

Title

ATTEST: _____
Notary Public

(Notary Seal)

Commission Expires: _____

EXHIBIT J

ADDITIONAL INFORMATION SHEET

Bid/Proposal Name: _____

Bid/Proposal Number #: _____

Company Name: _____

Contact Name: _____

Address: _____

City, State, Zip: _____

Telephone/FAX: # _____

E-mail: _____

Comments: _____

EXHIBIT K

**CERTIFICATE OF COMPLIANCE
WITH PREVAILING WAGE RATE ACT**

The undersigned, upon being first duly sworn, hereby certifies to the City of Evanston, Cook, County, Illinois, that all work under this contract shall comply with the Prevailing Wage Rate Act of the State of Illinois, 820 ILCS 130 *et seq*, and as amended by Public Acts 86-799 and 86-693 and our current city ordinance, with rates to be paid in effect at time work is performed. Contractors shall submit monthly certified payroll records to the city.

Name of Contractor: _____

By: _____

By: State of _____, County of _____

Subscribed and sworn to before me this _____ day
of _____, _____.

Notary Public

EXHIBIT M

CONFLICT OF INTEREST

_____, hereby certifies that it has conducted an investigation into whether an actual or potential conflict of interest exists between the Bidder, its owners and employees and any official or employee of the City of Evanston.

Bidder further certifies that it has disclosed any such actual or potential conflict of interest and acknowledges if Bidder/proposer has not disclosed any actual or potential conflict of interest, the City of Evanston may disqualify the bid/proposal.

(Name of Bidder/proposer if the Bidder/proposer is an Individual)
(Name of Partner if the Bidder/proposer is a Partnership)
(Name of Officer if the Bidder/proposer is a Corporation)

The above statements must be subscribed and sworn to before a notary public.
Subscribed and Sworn to this _____ day of _____, 20____

Notary Public

(Notary Seal)

Commission Expires: _____

EXHIBIT N

SIGNATURE FORM

THE SECTION BELOW MUST BE COMPLETED IN FULL AND SIGNED

The undersigned hereby certifies that they have read and understand the contents of this solicitation and attached service agreements and agree to furnish at the prices shown any or all of the items above, subject to all instructions, conditions, specifications and attachments hereto. Failure to have read all the provisions of this solicitation shall not be cause to alter any resulting contract or to accept any request for additional compensation. By signing this document, the proposer hereby certifies that they are not barred from bidding on this contract as a result bid rigging or bid rotating or any similar offense (720 ILCS 5/33 E-3, E-4).

Authorized Signature: _____

Company Name: _____

Typed/Printed Name: _____

Date: _____

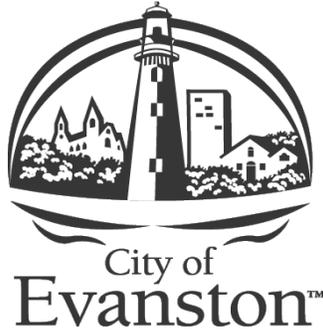
Title: _____

Telephone Number: _____

E-mail _____

Fax Number: _____

EXHIBIT O



CONTRACTOR SERVICES AGREEMENT

The parties referenced herein desire to enter into an agreement for professional services for

**2026 Church Street Water Main Improvements
(BID #26-04)**

THIS AGREEMENT (hereinafter referred to as the “Agreement”) is entered into between the City of Evanston, an Illinois municipal corporation with offices located at 909 Davis Street, Evanston Illinois 60201 (hereinafter referred to as the “City”), and *[Insert Contractor name here]*, with offices located at *[Insert Contractor address here]*, (hereinafter referred to as the “Contractor”). Compensation (the “Compensation”) for all basic services provided by the Contractor pursuant to the terms of this Agreement shall not exceed *[\$[Insert fee here].*

Revision March 2020

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RECITALS

WHEREAS, the City intends to retain the services of a qualified and experienced contractor for the following:

2026 Church Street Water Main Improvements

WHEREAS, this Agreement shall include the following documents which are attached hereto:

- a) City of Evanston Bid 26-04, attached as Exhibit A.
- b) Contractor's response to Bid 26-04, attached as Exhibit B.
- c) Any sub-contractor sub-contracts related to this Agreement, attached as Exhibit C.
- d) Project Fee Schedule and hourly rates, attached as Exhibit D *(if appropriate)*.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter set forth, the parties agree as follows:

1 Services and Duties of the Contractor

1.1 The Contractor shall perform professional services and provide equipment (the "Work") in accordance with Exhibits A, B, C and D. The Contractor retains the right to control the manner of performance of the services provided for in this Agreement and is an independent contractor and not agent or an employee of the City. All employees and sub-contractors of the Contractor shall likewise not be considered to be employees of the City. Contractor is solely responsible for the means and methods of all work performed under the terms of this Agreement for this Project ("the Project"). Contractor is an independent Contractor and is solely responsible for all taxes, withholdings, and other statutory or contractual obligations of any sort, including but not limited to, Worker's Compensation Insurance. Nothing in this Agreement accords any third-party beneficiary rights whatsoever to any non-party to this Agreement that any non-party may seek to enforce. Contractor acknowledges and agrees that should Contractor or its sub-contractors provide false information, or fail to be or remain in compliance with this Agreement; the City may void this Agreement.

1.2 The Contractor warrants and states that it has read the Contract Documents, and agrees to be bound thereby, including all performance guarantees as respects Contractor's work and all indemnity and insurance requirements. Contractor further affirms that it has visited the Project site and has become familiar with all special conditions, if any, at the Project site. Contractor shall perform the Work and its obligations under this Agreement in accordance with and subject to the Contract Documents to the full extent that each such provision is applicable to the Work. Contractor shall take necessary precautions to properly protect the Work of others, if any, from damage caused by operations under this Agreement. In addition, Contractor shall protect the work during normal and adverse weather conditions until the Project is complete and accepted by the City, or until the Contractor has fully completed its work under this Agreement. Contractor's obligations include, but are not limited to, placing and adequately maintaining at or about all locations of Project work,

sufficient guards, barricades, lights, and enclosures to protect the Work.

1.3 The Contractor shall not have any public or private interest and shall not acquire directly or indirectly any such interest which conflicts in any manner with the performance of its services under this Agreement.

1.4 The Contractor shall designate, in writing, a person to act as its Project Manager for the work to be performed under this Agreement. Such person shall have complete authority to transmit instructions, receive information, interpret and define the Contractor's policies and decisions with respect to the work covered by this Agreement.

1.5 The Contractor shall employ only persons duly licensed by the State of Illinois to perform the professional services required under this Agreement for which applicable Illinois law requires a license, subject to prior approval of the City. The Contractor shall employ only well qualified persons to perform any of the remaining services required under this Agreement, also subject to prior approval of the City. The City reserves the right to require replacement of Contractor, sub-contractor, or supplier personnel for any reason. Contractor will replace the unacceptable personnel at no charge to the City. For all solicitations or advertisements placed by or on behalf of Contractor for employees for this Project it will state that the Contractor is an Equal Opportunity Employer.

1.6 Pursuant to the Illinois Freedom of Information Act, 5 ILCS 140/7(2), records in the possession of others whom the City has contracted with to perform a governmental function are covered by the Act and subject to disclosure within limited statutory timeframes (five (5) working days with a possible five (5) working day extension). Upon notification from the City that it has received a Freedom of Information Act request that calls for records within the Contractor's control, the Contractor shall promptly provide all requested records to the City so that the City may comply with the request within the required timeframe. The City and the Contractor shall cooperate to determine what records are subject to such a request and whether or not any exemption to the disclosure of such records, or part thereof, is applicable. Contractor shall indemnify and defend the City from and against all claims arising from the City's exceptions to disclosing certain records which Contractor may designate as proprietary or confidential. Compliance by the City with an opinion or a directive from the Illinois Public Access Counselor or the Attorney General under FOIA, or with a decision or order of Court with jurisdiction over the City, shall not be a violation of this Section.

1.7 The Contractor shall obtain prior approval from the City prior to sub-contracting with any entity or person to perform any of the work required under this Agreement. The Contractor may, upon request of the City, submit to the City a draft sub-contractor agreement for City review and approval prior to the execution of such an agreement. Any previously entered into sub-contractor agreement(s) are attached as Exhibit C. If the Contractor sub-contracts any of the services to be performed under this Agreement, the sub-contractor agreement shall provide that the services to be performed under any such agreement shall not be sublet, sold, transferred, assigned or otherwise disposed of to another entity or person without the City's prior written consent. The Contractor shall be responsible for the accuracy and quality of any sub-contractor's work.

1.8 The Contractor shall cooperate fully with the City, other City contractors, other municipalities and local government officials, public utility companies, and others, as may be directed by the City. This shall include attendance at meetings, discussions and hearings as requested by the City. This cooperation shall extend to any investigation, hearings or meetings convened or instituted by OSHA relative to this Project, as necessary. Contractor shall cooperate with the City in scheduling and performing its Work to avoid conflict, delay in or interference with the work of others, if any, at the Project.

1.9 The Contractor acknowledges that it shall enforce and comply with all applicable Occupational Safety and Health Administration standards (OSHA) for this Project in effect as of the date of the execution of this Agreement, or as otherwise promulgated by OSHA in the future taking effect during the pendency of this Project. Contractor shall enforce all such standards and ensure compliance thereto as to its own agents and employees, and as to the agents and employees of any sub-contractor throughout the course of this Project. Contractor is solely responsible for enforcing and complying with all applicable safety standards and requirements on this Project, and is solely responsible for correcting any practices or procedures which do not comply with the applicable safety standards and requirements for this Project. Any Project specific safety requirements applicable to this Project must be followed by Contractor and any sub-contractor(s) on the Project. Additionally, all such safety requirements shall be made a part of any sub-contractor agreement.

1.10 The Contractor shall submit to the City a progress report each month this Agreement is in effect. The report shall include the following items:

- a) A summary of the Contractor's project activities, and any sub-contractor project activities that have taken place during the invoice period;
- b) A summary of the Contractor's project activities and any sub-contractor project activities, that shall take place during the next invoice period;
- c) A list of outstanding items due to or from the City; and
- d) A status of the Project schedule.

1.11 The Contractor shall perform the work required under this Agreement pursuant to high quality industry standards expected by the City. The Contractor shall apply for and receive all appropriate permits before performing any work in the City. The Contractor shall also provide the appropriate permit drawings for Building Permits to be issued for the Project, if said permits are obligated by the Project. The City will assist the Contractor with obtaining the appropriate building and right-of-way permits.

1.12 The Contractor shall provide drawings of record, in the following 3 electronic formats for all locations where equipment has been installed and/or work has been performed. The electronic formats required by this Section 1.12 are Auto Cad Version 2007, ArcView and PDF.

1.13 Contractor recognizes that proper cleanup and removal of construction debris is an important safety consideration. The Contractor shall be solely responsible for daily construction site/area cleanup and removal of all construction debris in accordance with City-approved disposal practices. Contractor shall be solely responsible for identifying and removing at its expense all

hazardous material and waste which it uses and generates.

1.14 To the extent that there is any conflict between a provision specified in this Agreement, with a provision specified in any of the other Contract Documents, as defined in Section 1.15, this Agreement shall control. The City and the Contractor may amend this Section 1.14 as provided by Section 15 herein.

The Contractor acknowledges and agrees that the City has no retained control over any of the Work done pursuant to this Agreement, and that the City is expressly exempt from the retained control exception as defined in the Restatement of Torts, Second, Section 414. This provision shall survive completion, expiration, or termination of this Agreement.

1.15 The Contract Documents for this Project consist of:

- a) This Agreement;
- b) The City's RFP/RFQ, and the plans, specifications, general conditions, drawings addenda, and modifications thereto;
- c) The Contractor's response to the RFP/RFQ/Bid;
- d) Other exhibits and schedules, if any, listed in this Agreement;
- e) Amendments or Other Contract Documents, if any; and
- f) Amendments/Modifications to this Agreement issued after execution thereof.

1.16 As a condition of receiving payment, Contractor must (i) be in compliance with the Agreement, (ii) pay its employees prevailing wages when required by law (Examples of prevailing wage categories include public works, printing, janitorial, window washing, building and grounds services, site technician services, natural resource services, security guard and food services). Contractor is responsible for contacting the Illinois Dept. of Labor 217-782-6206; <http://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx> to ensure compliance with prevailing wage requirements), (iii) pay its suppliers and sub-contractors according to the terms of their respective contracts, and (iv) provide lien waivers to the City upon request.

2 Standard Certifications

Contractor acknowledges and agrees that compliance with this section and each subsection for the term of the Agreement is a material requirement and condition of this Agreement. By executing this Agreement, Contractor certifies compliance with this section and each subsection and is under a continuing obligation to remain in compliance and report any non-compliance.

This section, and each subsection, applies to sub-contractors used on this Agreement. Contractor shall include these Standard Certifications in any sub-contract used in the performance of the Agreement.

If this Agreement extends over multiple fiscal years, Contractor and its sub-contractors shall confirm compliance with this section in the manner and format determined by the City by the date specified by the City and in no event later than January 1 of each year that this Agreement remains in effect.

If the City determines that any certification in this section is not applicable to this Agreement, it may be stricken, subject to sole approval by the City, without affecting the remaining subsections.

2.1 As part of each certification, Contractor acknowledges and agrees that should Contractor or its sub-contractors provide false information, or fail to be or remain in compliance with the Standard Certification requirements, one or more of the following sanctions will apply:

- the Agreement may be void by operation of law,
- the City may void the Agreement, and
- Contractor and its sub-contractors may be subject to one or more of the following: suspension, debarment, denial of payment, civil fine, or criminal penalty.

2.2 By signing this Agreement, the Contractor certifies that it has not been barred from being awarded a contract with a unit of State or local Government as a result of bid rigging or bid rotating or similar offense, nor has it made any admission of guilt of such conduct that is a matter of public record. (720 ILCS 5/33 E-3, E-4).

2.3 In the event of the Contractor's noncompliance with any provision of Section 1-12-5 of the Evanston City Code, the Illinois Human Rights Act or any other applicable law, the Consultant may be declared non-responsible and therefore ineligible for future contracts or sub-contracts with the City, and the contract may be cancelled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation.

2.4 During the term of this Agreement, the Contractor agrees as follows:

- a) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, marital status, national origin or ancestry, or age or physical or mental disabilities that do not impair ability to work, and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization. Consultant shall comply with all requirements of City of Evanston Code Section 1-12-5.
- b) That, in all solicitations or advertisements for employees placed by it on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, sexual orientation, marital status, national origin, ancestry, or disability.

2.5 The Contractor certifies pursuant to the Illinois Human Rights Act (775 ILCS 5/2105 *et. seq.*), that it has a written sexual harassment policy that includes, at a minimum, the following information:

- a) The illegality of sexual harassment;

- b) The definition of sexual harassment under State law;
- c) A description of sexual harassment utilizing examples;
- d) The Contractor's internal complaint process including penalties;
- e) Legal recourse, investigation and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission, and directions on how to contact both; and
- f) Protection against retaliation as provided to the Department of Human Rights.

2.6 In accordance with the Steel Products Procurement Act (30 ILCS 565), Contractor certifies steel products used or supplied in the performance of a contract for public works shall be manufactured or produced in the U.S. unless the City grants an exemption.

2.7 Contractor certifies that it is properly formed and existing legal entity and as applicable has obtained an assumed name certificate from the appropriate authority, or has registered to conduct business in Illinois and is in good standing with the Illinois Secretary of State.

2.8 If Contractor, or any officer, director, partner, or other managerial agent of Contractor, has been convicted of a felony under the Sarbanes-Oxley Act of 2002, or a Class 3 or Class 2 felony under the Illinois Securities Law of 1953, Contractor certifies at least five years have passed since the date of the conviction.

2.9 Contractor certifies that if more favorable terms are granted by Contractor to any similar governmental entity in any state in a contemporaneous agreement let under the same or similar financial terms and circumstances for comparable supplies or services, the more favorable terms will be applicable under this Agreement.

2.10 Contractor certifies that it is not delinquent in the payment of any fees, fines, damages, or debts to the City of Evanston.

2.11 The Contractor certifies that all Design Professionals performing the Work under this Agreement will ensure that the Project shall be designed in conformance with the Americans with Disabilities Act of 1990, 42 U.S.C. Section 12101, *et seq.*, and all regulations promulgated thereunder. Design Professional means any individual, sole proprietorship, firm, partnership, joint venture, corporation, professional corporation, or other entity that offers services under the Illinois Architecture Practice Act of 1989 (225 ILCS 305/), the Professional Engineering Practice Act of 1989 (225 ILCS 325/), the Structural Engineering Licensing Act of 1989 (225 ILCS 340/), or the Illinois Professional Land Surveyor Act of 1989 (225 ILCS 330/).

2.12 The Contractor shall comply with all federal, state and local laws, statutes, ordinances, rules, regulations, orders or other legal requirements now in force or which may be in force during the term of this Agreement. The Contractor shall comply with the Illinois Human Rights Act, 775 ILCS 5/1-101 *et. seq.*, Title VII of the Civil Rights Act of 1964, and the Illinois Prevailing Wage Act, 820 ILCS 130/0.01 *et. seq.*

3 Additional Services/Change Orders

3.1 If the representative of the City responsible for the Project verbally requests the Contractor to perform additional services, the Contractor shall confirm in writing that the services have been requested and that such services are additional services. Failure of the City to respond to the Contractor's confirmation of said services within thirty (30) calendar days of receipt of the notice shall be deemed a rejection of, and refusal to pay for the additional services. Contractor shall not perform any additional services until City has confirmed approval of said additional services in writing. If authorized in writing by the City, the Contractor shall furnish, or obtain from others, additional services of the following types, which shall be paid for by the City as set forth in Section 9 of this Agreement:

- a) Additional Services due to significant changes in scope of the Project or its design, including, but not limited to, changes in size, complexity or character of construction, or time delays for completion of work when such delays are beyond the control of the Contractor;
- b) Revisions of previously approved studies, reports, design documents, drawings or specifications;
- c) Preparation of detailed renderings, exhibits or scale models for the Project;
- d) Investigations involving detailed consideration of operations, maintenance and overhead expenses for the preparation of rate schedules, earnings and expense statements, feasibility studies, appraisals and valuations, detailed quantity surveys of material and labor, and material audits or inventories required for certification of force account construction performed by the City;
- e) Services not otherwise provided for in this Agreement.

3.2 The City may, upon written notice, and without invalidating this Agreement, require changes resulting in the revision or abandonment of work already performed by the Contractor, or require other elements of the work not originally contemplated and for which full compensation is not provided in any portion of this Agreement. Any additional services, abandonment of services which were authorized by the City, or changes in services directed by the City which result in the revision of the scope of services provided for in Exhibits A, B, C, and D that cause the total Compensation due Contractor under this Agreement to exceed \$25,000 or more, or increase or decrease the contract duration by more than 30 days are subject to approval by the Evanston City Council. These actions must be addressed either in a written Change Order or in a written amendment to this Agreement approved by both parties.

3.3 Contractor acknowledges and agrees that the Public Works Construction Change Order Act, 50 ILCS 525/1 et seq. shall apply to all Change Orders for the Project. It is expressly understood and agreed to by Contractor that it shall not be entitled to any damages or Compensation from the City on account of delay or suspension of all or any part of the Work. Contractor acknowledges that delays are inherent in construction projects and Contractor assessed that risk and fully included that risk assessment within its contract sum specified in its Response to the City Bid for this Project. The City shall not compensate Contractor for work that is more difficult than the contract sum specified in its Response would reflect. Delays to minor portions of the Work will not be eligible for extensions of time.

Delays to the Project caused by labor disputes or strikes involving trades not directly related to the Project, or involving trades not affecting the Project as a whole will not be eligible for an extension of time.

The City will not grant an extension of time for a delay by the Contractor's inability to obtain materials unless the Contractor first furnishes to the City documentary proof. The proof must be provided in a timely manner in accordance with the sequence of the Contractor's operations and accepted construction schedule.

In addition to any other changes requested by City (as described in Sections 3.1 and 3.2), the Company shall be entitled to request (and the City may grant) Change Orders with respect to:

- (a) The City-caused delays;
- (b) Change in Law;
- (c) Force Majeure Events.

The foregoing events shall entitle the Contractor to a change in the Compensation for this Project, if the Contractor demonstrates that it will unavoidably incur reasonable costs as a result thereof and the Contractor provides reasonable and detailed documentary support with respect to any such price impact.

The parties agree to reasonably confer regarding any such disputes with respect to the issuance of a Change Order.

Any payment for compensable delay will only be based upon actual costs excluding, without limitation, what damages, if any, the Contractor may have reasonably avoided. The Contractor understands that this is the sole basis for recovering delay damages and explicitly waives any right to calculate daily damages for office overhead, profit, or other purported loss.

All Contractor Change Orders authorized under this Section 3 shall be made in writing. In remitting a Change Order, the Contractor must first show in writing that:

- (a) The work was outside the scope of this Agreement,
- (b) The extra work was not made necessary due to any fault of Contractor;
- (c) The circumstances said to necessitate the change in performance were not reasonably foreseeable at the time the Agreement was signed;
- (d) The change is germane to the original Agreement; and
- (e) The Change Order is in the best interest of the City and authorized by law.

Any person who fails to first obtain the City's written authorization for a Change Order commits a Class 4 felony. The written determination and the written Change Order resulting from that determination shall be preserved in the contract's file which shall be open to the public for inspection.

The City reserves all rights and causes of action, at law or equity, to seek redress against entities or persons who violate the requirements of this Section 3. By initialing below, Contractor hereby acknowledges that it is bound by this Section 3.

Contractor's Initials: _____

3.4 The Contractor is required to include the City of Evanston as a reference whenever and wherever the Contractor provides references for similar projects for a period of one (1) year from the date of Final Acceptance by the City of the Work for this Project.

4 Bonds

4.1 Before the Scheduled Construction Commencement Date, the Contractor is required to furnish unconditional performance and payment bonds in the amount of 100% of the Compensation as security for the faithful performance and completion of all the Contractor's obligations under the Contract Documents and covering the payment of all materials used in the performance of this Agreement and for all labor and services performed under this Agreement. All Bonds shall be issued on a form acceptable to the City. The bonds must be for the entire term of the Agreement. Failure to provide these bonds shall constitute a breach of Contractor's obligations under this Agreement. Each surety providing the Bonds must have a Best's rating not less than A/X and be licensed in Illinois and shall be named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 as published in the Federal Register and available on the website of the U.S. Department of the Treasury, Financial Management Service, at www.fms.treas.gov/c570/c570.html. All Bonds signed by an agent must be accompanied by a certified copy of his or her authority to act. It shall be the duty of the Contractor to advise the surety or sureties of any Change Orders that result in an increase to the Compensation and to ensure that the amounts of the Bonds are updated to reflect and cover any such increases throughout the course of the Project. The cost of such Bonds shall be included within the Compensation.

4.2 If the surety behind any Bond furnished by the Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in the State or it ceases to meet any of the requirements of this Contract, the Contractor shall, within [5] five days thereafter, substitute another Bond of equivalent value and surety, both of which must be acceptable to the City. In addition, no further progress payments under the Agreement will be made by the City until the Contractor complies with the provisions of this Agreement. The Contractor shall furnish to the City proof of any required bonds and proof of required insurance as one of the conditions precedent to payment under the Agreement. Upon the request of any person or entity appearing to be a potential beneficiary of bonds covering payment or performance of obligations arising under the Contract, the Contractor shall promptly furnish a copy of the bonds or authorize a copy to be furnished. All surety Bonds provided for in this Section shall incorporate by reference this Agreement, and any language that may be in any such surety Bond which conflicts with the provisions of this Agreement that define the scope of the surety('s) duty(ies) shall be of no force and effect.

5 Liquidated Damages in the Event Contractor Fails to Complete the Work

5.1 The parties agree that failure of Contractor to timely complete the Work required by this Agreement constitutes a default. The parties agree that this default will result in damage and injury to City. The parties further agree, however, that actual damages incurred by City as result of such default is difficult if not impossible to ascertain with any degree of certainty or accuracy. Accordingly, the parties have negotiated and have agreed that for each calendar day after written notice is delivered to Contractor and Contractor fails to cure such default, that Contractor will pay City, as and for liquidated damages, and not as a penalty, the sum of **One Thousand Four Hundred and Twenty Five Dollars per day**. Contractor shall reimburse the City for all costs, expenses and fees (including, without limitation, attorneys' fees), if any, paid by the City in connection with such written demand by City. Contractor stipulates and agrees that the sums payable by Contractor under this Section are reasonable under the circumstances existing as of the execution of this Agreement. This Section 5.1 is not intended to limit any direct damages that may be recoverable by City related to the Contractor's failure to complete the Work in accordance with this Agreement. There shall be no early completion bonus if the Work is completed before the substantial completion date. The City, at its option, may withhold liquidated damages from progress payments payable to Contractor before the substantial completion date.

6 The City's Responsibilities

6.1 The City may evaluate the Contractor's and any sub-contractor's performance (interim and final). Timeliness in meeting the Project schedule and the overall relationship with the Contractor are factors that will be considered in the Contractor's performance rating. An unfavorable performance rating may be a factor when future assignments are being considered.

6.2 The City makes no representation or warranty of any nature whatsoever as to the accuracy of information or documentation provided by the City to the Contractor which were generated or provided by third parties.

7 Period of Service

7.1 The Contractor shall commence work on the Project after supplying the City with the Contractor's performance and payment bonds and all required insurance documents before starting its Work on this Project. The City shall determine when the Contractor has completed the Work required pursuant to this Agreement, and shall determine the date of Final Acceptance. Contractor recognizes time is of the essence regarding its performance on this Project. Contractor shall continue to perform its obligations while any dispute concerning the Agreement is being resolved, unless otherwise directed by the City.

7.2 Each phase of the project shall be completed in accordance with the activities outlined in the City's Bid 26-04, Exhibit A. Project phases are specified in the Contract Special Provisions.

8 Payment for Services and Reimbursements

8.1 Within the first five (5) business days of each month, the Contractor shall invoice the

City for Work completed during the previous month. The Contractor shall provide a detailed invoice that relates invoiced items to the Contractor's response to Bid 26-04 in both quantity and unit cost. Any discrepancies in the monthly invoice shall be promptly brought to the attention of the Contractor by the City Project Manager and efforts shall be made to promptly resolve said discrepancies between the City and Contractor. In the event the City and Contractor cannot resolve invoice discrepancies, items in dispute will be removed from the invoice and the City shall approve the remainder of the invoice. Payment will be made as soon as possible following the City Council meeting in which the item appeared on the bills list, and in accordance with all applicable laws and rules of the City of Evanston and the State of Illinois.

8.2 In the event of termination by the City of this Agreement pursuant to paragraph 9.1 after completion of any phase of the basic services, fees due the Contractor for services rendered through such phase shall constitute final payment for such services, and no further fees shall be due to the Contractor. In the event of such termination by the City during any phase of the basic services, the Contractor shall be paid for services rendered on the basis of the proportion of work completed on the phase to date of termination.

8.3 The City shall have the right to withhold payment to the Contractor due to the quality of a portion or all of the work performed hereunder which is not in accordance with the requirements of this Agreement, or which is unsatisfactory, or is due to the Contractor's failure or refusal to perform any of its obligations hereunder. Compensation in excess of the total contract amount specified in this Agreement will not be allowed unless justified in the City's sole judgment and authorized in advance as provided for in Section 3 of this Agreement. Compensation for improper performance by the Contractor is disallowed.

8.4 Upon completion of the Work performed by the Contractor, prior to the submission of a request for final payment, the City and Contractor shall perform a final acceptance test and review of the Work performed and/or equipment installed pursuant to the Agreement. A punch list of items outstanding will be jointly developed by the City and Contractor. In addition, the Contractor shall submit drawings of record for the Project for the City to approve. The Contractor shall promptly resolve all punch list items to the satisfaction of the City and shall transmit to the City in writing confirmation that all punch list items have been resolved. The City will review, and the Contractor shall modify, as necessary, any drawings of record to the satisfaction of the City. Punch list items and drawings of record must be approved by the City prior to the Contractor submitting its final invoice for payment.

8.5 The Contractor shall submit an Affidavit and a final waiver of its lien, and all final waivers of liens of any sub-contractors, suppliers, and sub-sub-contractors, if applicable, with its final invoice, stating that all obligations incurred in performance of the professional services have been paid in full. The Affidavit will also include a statement stating that the professional services were performed in compliance with the terms of the Agreement. The Affidavit and all final lien waivers shall be on a form acceptable to the City.

8.6 All Project invoices shall be sent to:

City of Evanston *[Applicable department]*

909 Davis Street
Evanston, Illinois 60201

with a copy to:

City of Evanston *[Anyone else as applicable]*
909 Davis Street
Evanston, Illinois 60201

9 Notice and Cure/Termination

9.1 In furtherance of Contractor's Work on this Project, the City and the Contractor agree that the following Notice and Cure provision in this Section 9.1 shall apply during the duration of Contractor's work on this Project, in addition to the reserved rights of the City enumerated in this Agreement as follows:

- 5.1 Liquidated Damages;
- 8.3 City's right to withhold payment;
- 16.2 Contractor's duty to revise and correct errors; and
- 16.3 Contractor's duty to respond to City's notice of errors and omissions.

The City may notify Contractor of its intent to terminate this Agreement within (7) seven calendar days of issuance by the City of written notice to Contractor's Project Manager regarding defects in the Project or in Contractor's Work. The City shall specify any such nonconforming Work or defects in the Project in its notice to Contractor under this Section 9.1. Contractor will have the opportunity to cure the non-conforming Work within (7) seven calendar days after receipt of the written notice issued by the City. All such curative work done shall be performed and completed to the City's satisfaction. Nothing in this Section 9.1 shall otherwise affect the City's right to exercise its rights in Section 9.2.

9.2 The City shall have the right to terminate this Agreement upon fifteen (15) days written notice for any reason. Mailing of such notice shall be equivalent to personal notice and shall be deemed to have been given at the time of receipt.

Payments made by the City pursuant to this Agreement are subject to sufficient appropriations made by the City of Evanston City Council. In the event of termination resulting from non-appropriation or insufficient appropriation by the City Council, the City's obligations hereunder shall cease and there shall be no penalty or further payment required.

9.3 Within thirty (30) days of termination of this Agreement, the Contractor shall turn over to the City any documents, drafts, and materials, including but not limited to, outstanding work product, data, studies, test results, source documents, AutoCAD Version 2007, ArcView, PDF, Word, Excel spreadsheets, technical specifications and calculations, and any other such items specifically identified by the City related to the Work herein. Upon receipt of said items, the Contractor shall be paid for labor and expenses incurred to the date of termination as provided in Section 8.2. This Agreement is subject to termination by either party if either party is restrained by a

state or federal court of competent jurisdiction from performing the provisions of this Agreement. Upon such termination, the liabilities of the parties to this Agreement shall cease, but they shall not be relieved of the duty to perform their obligations through the date of termination. No lien shall be filed by the Contractor in the event of a termination of this Agreement by the City.

9.4 If, because of death or any other occurrence, including, but not limited to, Contractor becoming insolvent, it becomes impossible for any principal or principals of the Contractor to render the services set forth in this Agreement, neither the Contractor, nor its surviving principals shall be relieved of their obligations to complete the professional services. However, in the event of such an occurrence, the City at its own option may terminate this Agreement if it is not furnished evidence that competent professional services can still be furnished as scheduled.

9.5 In the event of an emergency or threat to the life, safety, or welfare of the citizens of the City, the City shall have the right to terminate this Agreement without prior written notice.

10 Insurance

10.1 The Contractor shall, at its own expense, secure and maintain in effect throughout the duration of this contract, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the Work hereunder by the Contractor, its agents, representatives, employees or sub-contractors. Contractor acknowledges and agrees that if it fails to comply with all requirements of this Section 10, the City may void the Agreement.

The Contractor must give to the City Certificates of Insurance identifying the City to be an Additional Insured for all Work done pursuant to this Agreement before City staff recommends award of the contract to City Council. Any limitations or modifications on the Certificate(s) of Insurance issued to the City in compliance with this Section that conflict with the provisions of this Section 10 shall have no force and effect.

After award of the Contract to Contractor (contracts over \$500,000 in value or if the project is deemed high risk) the Contractor **shall** give the City a certified copy (ies) of the insurance policy (ies) evidencing the amounts set forth in Section 10.2, and copies of the Additional Insured endorsement to such policy (ies) which name the City as an Additional Insured for all Work done pursuant to this Agreement before Contractor does any Work pursuant to this Agreement. Contractor's certificate of insurance shall contain a provision that the coverage afforded under the policy(s) will not be canceled or reduced without thirty (30) days prior written notice (hand delivered or registered mail) to the City. Contractor shall promptly forward new certificate(s) of insurance evidencing the coverage(s) required herein upon annual renewal of the subject policies.

The policies and the Additional Insured endorsement must be delivered to the City within two (2) weeks of the request. All insurance policies shall be written with insurance companies licensed or authorized to do business in the State of Illinois and having a rating of not less than A-VII according to the A.M. Best Company. Should any of the insurance policies be canceled before the expiration date, the issuing company will mail thirty (30) days written notice to the City. The Contractor shall require and verify that all sub-contractors maintain insurance meeting all of the

requirements stated herein.

Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its officers, officials, employees and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration and defense expenses.

10.2 Contractor shall carry and maintain at its own cost with such companies as are reasonably acceptable to City all necessary liability insurance (which shall include as a minimum the requirements set forth below) during the term of this Agreement, for damages caused or contributed to by Contractor, and insuring Contractor against claims which may arise out of or result from Contractor's performance or failure to perform the Services hereunder:

- a) Worker's compensation in statutory limits and employer's liability insurance in the amount of at least five hundred thousand dollars (\$500,000);
- b) Comprehensive general liability coverage which designates the City as an additional insured for not less than three million dollars (\$3,000,000) combined single limit for bodily injury, death and property damage, per occurrence;
- c) Comprehensive automobile liability insurance covering owned, non-owned, and leased vehicles for not less than one million dollars (\$1,000,000) combined single limit for bodily injury, death, or property damage, per occurrence; and

Contractor understands that the acceptance of Certificates of Insurance, policies, and any other documents by the City in no way releases the Contractor and its sub-contractors from the requirements set forth herein.

Contractor expressly agrees to waive its rights, benefits and entitlements under the "Other Insurance" clause of its commercial general liability insurance policy as respects the City. Contractor expressly agrees that its insurance coverage is required to be primary by this Agreement, that its insurance coverage shall be on a primary and non-contributory basis, and that it and its insurance carrier are estopped from denying such coverage is primary. In the event Contractor fails to purchase or procure insurance as required above, the parties expressly agree that Contractor shall be in default under this Agreement, and that the City may recover all losses, attorney's fees and costs expended in pursuing a remedy, or reimbursement, at law or in equity, against Contractor.

11 Indemnification

11.1 The Contractor shall defend, indemnify and hold harmless the City and its officers, elected and appointed officials, agents, and employees from any and all liability, losses, or damages as a result of claims, demands, suits, actions, or proceedings of any kind or nature, including but not limited to costs, and fees, including attorney's fees, judgments or settlements, resulting from or arising out of any negligent or willful act or omission on the part of the Contractor or Contractor's sub-contractors, employees, agents or sub-contractors during the performance of this Agreement. Such indemnification shall not be limited by reason of the enumeration of any insurance coverage

herein provided. This provision shall survive completion, expiration, or termination of this Agreement.

11.2 Nothing contained herein shall be construed as prohibiting the City, or its officers, agents, or employees, from defending through the selection and use of their own agents, attorneys, and experts, any claims, actions or suits brought against them. The Contractor shall be liable for the costs, fees, and expenses incurred in the defense of any such claims, actions, or suits. Nothing herein shall be construed as a limitation or waiver of defenses available to the City and employees and agents, including but not limited to the Illinois Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10/1-101 *et seq.*

At the City Corporation Counsel's option, Contractor must defend all suits brought upon all such Losses and must pay all costs and expenses incidental to them, but the City has the right, at its option, to participate, at its own cost, in the defense of any suit, without relieving Contractor of any of its obligations under this Agreement. Any settlement of any claim or suit related to this Project by Contractor must be made only with the prior written consent of the City Corporation Counsel, if the settlement requires any action on the part of the City.

To the extent permissible by law, Contractor waives any limits to the amount of its obligations to indemnify, defend, or contribute to any sums due under any Losses, including any claim by any employee of Contractor that may be subject to the Illinois Workers Compensation Act, 820 ILCS 305/1 *et seq.* or any other related law or judicial decision, including but not limited to, *Kotecki v. Cyclops Welding Corporation*, 146 Ill. 2d 155 (1991). The City, however, does not waive any limitations it may have on its liability under the Illinois Workers Compensation Act, the Illinois Pension Code or any other statute.

11.3 The Contractor shall be responsible for any losses and costs to repair or remedy work performed under this Agreement resulting from or arising out of any act or omission, neglect, or misconduct in the performance of its Work or its sub-contractors' work. Acceptance of the work by the City will not relieve the Contractor of the responsibility for subsequent correction of any such error, omissions and/or negligent acts or of its liability for loss or damage resulting therefrom.

11.4 All provisions of this Section 11 shall survive completion, expiration, or termination of this Agreement.

12 Drawings and Documents

12.1 Any drawings, survey data, reports, studies, specifications, estimates, maps, plans, computations, and other documents required to be prepared by the Contractor for the Project shall be considered Works for Hire and the sole property of the City.

12.2 The Contractor and its sub-contractor shall maintain for a minimum of three (3) years after the completion of this Agreement, or for three (3) years after the termination of this Agreement, whichever comes later, adequate books, records and supporting documents to verify the amounts, recipients and uses of all disbursements of funds passing in conjunction with the Agreement. The Agreement and all books, records and supporting documents related to the Agreement shall be

available for review and audit by the City and the federal funding entity, if applicable, and the Contractor agrees to cooperate fully with any audit conducted by the City and to provide full access to all materials. Failure to maintain the books, records and supporting documents required by this Subsection shall establish a presumption in favor of the City for recovery of any funds paid by the City under the Agreement for which adequate books, records, and supporting documentation are not available to support their purported disbursement.

13 Successors and Assigns

13.1 The City and the Contractor each bind themselves and their partners, successors, executors, administrators, and assigns to the other party of the Agreement and to the partners, successors, executors, administrators, and assigns of such other party in respect to all covenants of this Agreement. Neither the City nor the Contractor shall assign, sublet, or transfer its interest in this Agreement without the written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of any public body, which may be a party hereto, nor shall it be construed as giving any right or benefits hereunder to anyone other than the City and the Contractor.

14 Force Majeure

14.1 Whenever a period of time is provided for in this Agreement for the Contractor or the City to do or perform any act or obligation, neither party shall be liable for any delays or inability to perform if such delay is due to a cause beyond its control and without its fault or negligence including, without limitation:

- a) Acts of nature;
- b) Acts or failure to act on the part of any governmental authority other than the City or Contractor, including, but not limited to, enactment of laws, rules, regulations, codes or ordinances subsequent to the date of this Agreement;
- c) Acts of war;
- d) Acts of civil or military authority;
- e) Embargoes;
- f) Work stoppages, strikes, lockouts, or labor disputes;
- g) Public disorders, civil violence, or disobedience;
- h) Riots, blockades, sabotage, insurrection, or rebellion;
- i) Epidemics or pandemics;
- j) Terrorist acts;
- k) Fires or explosions;
- l) Nuclear accidents;
- m) Earthquakes, floods, hurricanes, tornadoes, or other similar calamities;
- n) Major environmental disturbances; or
- o) Vandalism.

If a delay is caused by any of the *force majeure* circumstances set forth above, the time period shall be extended for only the actual amount of time said party is so delayed. Further, either party claiming a delay due to an event of *force majeure* shall give the other party written notice of such event within three (3) business days of its occurrence or it shall be deemed to be waived.

15 Amendments and Modifications

15.1 Except as otherwise provided herein, the nature and scope of Work specified in this Agreement may only be modified by a written Change Order, or a written amendment to this Agreement, approved by both parties. This Agreement may be modified or amended from time to time provided, however, that no such amendment or modifications shall be effective unless reduced to writing and duly authorized and signed by the authorized representatives of the parties.

16 Standard of Care & Warranty

16.1 The Contractor shall perform all of the provisions of this Agreement to the satisfaction of the City. The City shall base its determination of the Contractor's fulfillment of the scope of the work in accordance with generally accepted professional standards applicable to the Work for this Project. The Contractor shall perform all of the provisions of this Agreement with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar conditions.

16.2 The Contractor shall be responsible for the accuracy of its professional services under this Agreement and shall promptly make revisions or corrections resulting from its errors, omissions, or negligent acts without additional compensation. The City's acceptance of any of the Contractor's professional services shall not relieve the Contractor of its responsibility to subsequently correct any such errors or omissions. If a Contractor has provided the City with specifications for this Project which are determined to be incorrect or which require revision during the solicitation process (including but not limited to Requests for Proposals, Requests for Qualifications, or bids), the Contractor shall make such corrections or revisions to the specifications at no cost to the City. Further, upon receipt of an invoice from the City, the Contractor shall promptly reimburse the City for the reasonable costs associated with the preparation and dissemination of said corrections or revisions to appropriate parties, including but not limited to preparation of the corrected or revised documents, and printing and distribution costs.

16.3 During the pendency of its Work on this Project, the Contractor shall respond to the City's notice of any errors or omissions within twenty-four (24) hours. The Contractor shall be required to promptly visit the Project site(s) if directed to by the City.

16.4 The Contractor shall comply with all federal, state, and local statutes, regulations, rules, ordinances, judicial decisions, and administrative rulings applicable to its performance under this Agreement.

16.5 Contractor guarantees and warrants to the City that:

- a) All materials and equipment furnished under this Agreement shall be of good quality and new, unless otherwise required or permitted by the Contract Documents;
- b) The Work of this Agreement shall be free from defects which are not inherent in the quality required; and
- c) The Work shall comply with the requirements set forth in the Contract Documents.

This warranty and guarantee shall be for a period of one(1) year from the date of completion and Final Acceptance of the Work by the City, or as otherwise provided in the Contract Documents.

If, within the one year warranty period, after the Contractor has received a final payment under this Agreement, any of the Work is found to be not be in accordance with the requirements of this Agreement, or where defects in materials or workmanship may appear, or be in need of repair, the Contractor shall correct non-conforming and/or defective work or materials promptly after receipt of written notice from the City. Contractor shall immediately at its own expense repair, replace, restore, or rebuild any such Work. This remedy is in addition to any other legal or equitable remedies the City may have under this Agreement or the law.

This guarantee and warranty shall not relieve Contractor of liability for latent defects, and shall be in addition to the City's rights under the law or other guarantees or warranties, express or implied.

16.6 The provisions of this Section 16 shall survive the completion, expiration or termination of this Agreement.

17 Savings Clause

17.1 If any provision of this Agreement, or the application of such provision, shall be rendered or declared invalid by a court of competent jurisdiction, or by reason of its requiring any steps, actions, or results, the remaining parts or portions of this Agreement shall remain in full force and effect.

18 Non-Waiver of Rights

18.1 No failure or delay by the City to exercise any power given to it hereunder or to insist upon strict compliance by Contractor with its obligations hereunder, nor any payment made by the City under this Agreement, shall constitute a waiver of the City's right to demand strict compliance with the terms hereof, unless such waiver is in writing and signed by the City.

19 Entire Agreement

19.1 This Agreement sets forth all the covenants, conditions and promises between the parties with regard to the subject matter set forth herein. There are no covenants, promises, agreements, conditions or understandings between the parties, either oral or written, other than those contained in this Agreement. This Agreement has been negotiated and entered into by each party with the opportunity to consult with its counsel regarding the terms therein. No portion of the Agreement shall be construed against a party due to the fact that one party drafted that particular portion as the rule of *contra proferentem* shall not apply.

20 Governing Law

20.1 This Agreement shall be construed in accordance with and subject to the laws and

rules of the City of Evanston and the State of Illinois both as to interpretation and performance. Venue for any action arising out of or due to this Agreement shall be in Cook County, Illinois. The City shall not enter into binding arbitration to resolve any dispute related to this Agreement. The City does not waive tort immunity by entering into this Agreement.

21 Ownership of Contract Documents

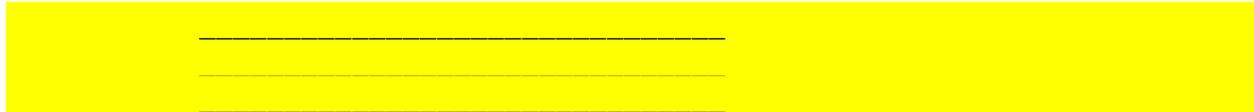
21.1 Contractor is specifically prohibited from using in any form or medium, the name or logo of the City for public advertisement, unless expressly granted written permission by the City. Submission or distribution of documents to meet official regulatory requirements or for similar purposes in connection with this Project is not to be construed as publication in derogation of the City's reserved rights.

22 Notice

22.1 Any notice required to be given by this Agreement shall be deemed sufficient if made in writing and sent by certified mail, return receipt requested, or by personal service, to the persons and addresses indicated below or to such other addresses as either party hereto shall notify the other party of in writing pursuant to the provisions of this Subsection:

City of Evanston Project Manager, Bid 26-04
909 Davis Street
Evanston, Illinois 60201

if to the Contractor:



22.2 Mailing of such notice as and when provided above shall be equivalent to personal notice and shall be deemed to have been given at the time of mailing.

23 Severability

23.1 Except as otherwise provided herein, the invalidity or unenforceability of any particular provision, or part thereof, of this Agreement shall not affect the other provisions, and this Agreement shall continue in all respects as if such invalid or unenforceable provision had not been contained herein.

24 Execution of Agreement

24.1 This Agreement shall be signed last by the City Manager.

25 Counterparts

25.1 For convenience, this Agreement may be executed in any number of counterparts,

each of which shall be deemed to be an original.

26 Authorizations

26.1 The Contractor's authorized representatives who have executed this Agreement warrant that they have been lawfully authorized by the Contractor's board of directors or its bylaws to execute this Agreement on its behalf. The City Manager affirms that he/she has been lawfully authorized to execute this Agreement. The Contractor and the City shall deliver upon request to each other copies of all articles of incorporation, bylaws, resolutions, ordinances, or other documents which evidence their legal authority to execute this Agreement on behalf of their respective parties.

27 Time of Essence

27.1 Time is of the essence with respect to each provision hereof in which time is a factor.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be signed by their duly authorized representatives. The effective date of this Agreement will be the date this Agreement is signed by the City Manager.

CONTRACTOR

By: _____

Name: _____

Its: _____

Date: _____

CITY OF EVANSTON

By: _____

Luke Stowe

Its: City Manager

Date: _____

Approved as to form:

By: _____

Alexandra B. Ruggie

Its: Corporation Counsel

Revision: April 2021

EXHIBIT P

BID BOND SUBMITTAL LABEL

CUT AND ATTACH LABEL ON OUTSIDE OF SEALED BID BOND SUBMITTAL



BID SUBMITTAL NUMBER: _____

BID SUBMITTAL NAME: _____

BID SUBMITTAL DUE DATE/TIME: _____

COMPANY NAME: _____

COMPANY ADDRESS: _____

COMPANY TELEPHONE #: _____



If required by the bid documents, a scanned copy of the bid bond must be included with the bid electronic submission. The city is currently not able to accept a certified check, bank cashier's check or electronic bid bond at this time.

The original bid bond (in the amount of 5% of the original bid amount) must be mailed within ten (10) days after the bid due date, to the City of Evanston Purchasing Department, 909 Davis Street, Evanston, Illinois 60201 Attention Purchasing Manager using the USPS (certified or priority), UPS or FedEx mail options in order to have a tracking number; which sum shall be forfeited in case the successful bidder fails to enter into a binding contract and provide a properly executed contract and surety bond within 15 days after the date the contract is awarded by the City.

STATE OF ILLINOIS

City of Evanston

CONTRACT SPECIFICATIONS

For

2026 CHURCH STREET WATER MAIN IMPROVEMENTS

**CITY OF EVANSTON
SPECIAL PROVISIONS**

2026 CHURCH STREET WATER MAIN IMPROVEMENTS

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APPENDIX A: VITON GASKET SPECIFICATION

APPENDIX B: ENVIRONMENTAL REPORT

APPENDIX C: GEOTECHNICAL REPORT

APPENDIX D: PAVEMENT CORE REPORT

CITY OF EVANSTON SPECIAL PROVISIONS

The following Special Provisions supplement the “Standard Specifications for Road and Bridge Construction”, Adopted January 1, 2022, (herein after called “the Standard Specifications”), the latest edition of the “Watershed Management Ordinance” of the Metropolitan Water Reclamation District of Greater Chicago, the latest edition of the “Standard Specifications for Water and Sewer Construction in Illinois”, the latest edition of the “Manual of Uniform Traffic Control Devices for Streets and Highways”, and the “Manual of Test Procedures of Materials” in effect on the date of invitation of bids, and the Supplemental Specifications and Recurring Special Provisions which apply to the govern the construction of:

2026 CHURCH STREET WATER MAIN IMPROVEMENTS

and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

PROJECT DESCRIPTION

Work on this project includes the installation of ductile iron water main pipe ranging from 6-inch to 10-inch diameter in size, installation of combined and storm sewer pipe ranging from 8-inch to 24-inch diameter in size, public, full, and private lead water service pipe replacements, partial water service replacements (not lead) to accommodate the work, related appurtenances, concrete curb and sidewalk repairs, pavement patching, parkway restoration, private side restoration (full and private lead water service pipe replacements only), large diameter valve replacement, and all materials, labor, equipment, and incidental work.

A portion of the work is located within an Illinois Department of Transportation (IDOT) right-of-way and requires an IDOT traffic permit. The permit is currently under review and must be obtained prior to commencement of any work within the IDOT right-of-way. The contractor shall comply with all terms, conditions, and requirements of the approved permit.

COMPLETION DATES

A contract is anticipated to be awarded by the City of Evanston on March 9, 2026 and shall be completed as follows and in accordance with Article 561.08 Sequence of Work as modified herein by Special Provisions for Water Main. Final project completion will be **September 18, 2026**.

Work may not commence before May 26, 2026, and all work must be substantially completed by August 14, 2026. This schedule aligns with the Evanston Township High School summer break to minimize disruption.

MATERIAL TESTING/INSPECTION

Add the following paragraphs to Article 106.01:

“All materials incorporated in this Contract are to be inspected according to IDOT’s non-QC/QA programs per the Project Procedures Guidelines (PPG). The latest version is available on the IDOT website at:

<https://public.powerdms.com/IDOT/documents/2144679/Project%20Procedures%20Guide>.

Q/C for PCC and HMA incorporated into the project will be provided by the City.

All material incorporated into the work shall originate from IDOT approved sources (as required by PPG) and/or be accompanied by sufficient IDOT approved evidence of material inspection. All mix designs for PCC and HMA shall be submitted to the Engineer for review and approval.”

DEFINITION OF TERMS

Add the following sentences to Article 101.16:

“The Engineer will have the rights and authority assigned in the Contract Documents in connection with completion of the Work in accordance with the Contract Documents.”

Add the following sentence to Article 101.28:

“The terms ‘Plans’ and ‘Drawings’ have like meaning and are used interchangeably in the Contract Documents.”

Add the following sentence to Article 101.29:

“The terms ‘Proposal’ and ‘Bid’ have like meaning and are used interchangeably in the Contract Documents.”

Add the following sentence to Article 101.30:

“The terms ‘Proposal Guaranty’ and ‘Bid Bond’ have like meaning and are used interchangeably in the Contract Documents.”

Add Article 101.56, which shall read as follows:

“**101.56 Addenda.** Written or graphic instruments issued prior to the execution of the Agreement which modify or interpret the Contract Documents, Drawings, and Specifications, by additions, deletions, clarifications or corrections.”

Add Article 101.57, which shall read as follows:

“**101.57 Award Authority.** The terms ‘State, Department, Council, City, Village, Owner, Municipality’ or other words used to describe the Awarding Authority in these documents and the Specifications shall be interpreted to mean the City of Evanston.”

Add Article 101.58, which shall read as follows:

“**101.58 Bonds.** Bid, Performance, and Payment Bonds and other instruments of security, furnished by the Contractor and his surety in accordance with the Contract Documents.”

Add Article 101.59, which shall read as follows:

“**101.59 Change Order.** A written order to the CONTRACTOR authorizing an addition, deletion or revision in the WORK within the general scope of the CONTRACT DOCUMENTS, or authorizing an adjustment in the CONTRACT PRICE OR CONTRACT TIME.”

Add Article 101.60, which shall read as follows:

“**101.60 Contract Price.** The total monies payable to the CONTRACTOR under the terms and conditions of the CONTRACT DOCUMENTS.”

Add Article 101.61, which shall read as follows:

“**101.61 Drawings.** The part of the CONTRACT DOCUMENTS which show the characteristics and scope of the WORK to be performed and which have been prepared by or approved by the ENGINEER.”

Add Article 101.63, which shall read as follows:

“**101.63 Purchase Order.** Written communication issued by the OWNER to the CONTRACTOR

authorizing him to proceed with the WORK and establishing the date of commencement of the WORK.”

Add Article 101.64, which shall read as follows:

“**101.64 Project.** The undertaking to be performed as provided in the CONTRACT DOCUMENTS.”

Add Article 101.65, which shall read as follows:

“**101.65 Shop Drawings.** All drawings, diagrams, illustrations, brochures, schedules and other data which are prepared by the CONTRACTOR, a SUBCONTRACTOR, manufacturer, SUPPLIER or distributor, which illustrate how specific portions of the WORK shall be fabricated or installed.”

Add Article 101.66, which shall read as follows:

“**101.66 Substantial Completion.** That date as certified by the Engineer when the construction of the Project is sufficiently completed, in accordance with the Contract Documents, so that the Project can be utilized for the purposes for which it is intended. For this project, substantial completion shall be accomplished when all work is completed except placement of sod, landscaping items, and punch list items.

Add Article 101.67, which shall read as follows:

“**101.67 Supplemental Standard Specifications.** Modifications to the Standard Specifications.”

Add Article 101.68, which shall read as follows:

“**101.68 Supplier.** Any person or organization who supplies materials or equipment for the Work, including that fabricated to a special design, but who does not perform labor at the site.”

Add Article 101.69, which shall read as follows:

“**101.69 Written Notice.** Any notice to any party of the Agreement relative to any part of the Agreement in writing and considered delivered and the service thereof completed, when posted by certified or registered mail to the said party at his last given address, or delivered in person to said party or his authorized representative on the Work.”

ADVERTISEMENT, BIDDING, AWARD AND CONTRACT EXECUTION

Delete Article 102.01 and replace it with the following:

“**102.01 Procedures to be in Accordance with Rules.** The procedures for the advertisement, bidding, award and contract execution shall be in accordance with these Specifications.”

Add Article 102.02, which shall read as follows:

“**102.02 Examination of Site.** There is no warranty or guaranty, either expressed or implied, that the provided subsurface information will disclose the actual conditions which will be encountered during the progress of the Work. Bidders shall examine the site, interpret or disregard subsurface information as they see fit, and arrive at their own conclusions regarding the nature, character, quality, and quantity of subsurface conditions likely to be encountered. By submitting their Bids, Bidders attest that they have fully complied with these requirements and made their own conclusions regarding subsurface conditions, which are reflected in their Bids. Bidders further attest that, should they be awarded construction Contract(s) for the Project, they shall neither have nor assert against the Owner or Engineer any claims for damages, for extra work, or for relief from any obligation of this Contract based upon deficiencies in the subsurface information provided or failure by the Owner to furnish other subsurface information or knowledge in Owner's or Engineer's possession, if any.

Bidders will be permitted to make test borings, test pits, soundings, or other investigations on the site of the Work which they so desire subject to approval by the Owner. Bidders wishing to make such investigations shall coordinate the intended site investigations with Bridget Nash, Capital Planning and Engineering Bureau, Public Works Agency, City of Evanston; forty-eight (48) hours' notice prior to the intended investigation will be required. Bidders shall be responsible for coordination with JULIE and other utility companies, and shall be required to have an insurance coverage as indicated in the specifications with the Owner and Engineer as additional insured on a non-contributory basis. It shall be understood that the party or parties receiving such approval shall assume all risks and liability contingent thereto, and shall be responsible for restoring the site to its original condition before the investigation, including site clean-up."

SCOPE OF WORK

Delete Article 104.04 and replace it with the following:

"104.04 Maintenance of Detours. Maintenance of Detours that may be required in the Work shall be performed by the Contractor. Work shall be performed in accordance with Section 107 of the Standard Specifications and as modified by the Special Provisions. The Owner must approve all detours and road closures. Such approval will not be unreasonably withheld, but all requests must be submitted with supporting data such as the projected duration of the closure and detour routes. The Owner may require the use of signage with specific street names identifying the detour route."

Delete Article 104.05 in its entirety.

Add Article 104.08, which shall read as follows:

"104.08 Intent of Plans and Specifications. Any minor work not specifically mentioned in the Specifications or not shown on the Plans, but necessary for the proper completion of the Work shall be considered as being a part of and included in the Contract and shall be executed in the proper manner, and the Contractor shall not be entitled to extra or additional compensation for the same. The Work quantities listed on the Bid Schedule, Drawings, Attachment A Schedule and elsewhere in the Contract Documents are approximate and are intended for comparison of Bids only and do not constitute a "guaranty" of the amount of Work to be performed. Actual Work quantities may vary significantly. Payment shall be made only for the amount of each Payment Item quantity actually installed. Measurement and payment for Work shall be in accordance with the Standard Specifications as modified herein by Special Provision. The price Bid for each Payment Item shall include all work required to complete the Item including a proportionate allocation of Contractor overhead and profit, and shall not include costs more properly allocated to other Payment Items."

Add Article 104.09, which shall read as follows:

"104.09 Record Plans (Record Drawings). The Contractor shall keep a complete up-to-date record of the actual construction of the Work in accordance with the special provision for Submittals."

CONTROL OF WORK

Add the following paragraph to Article 105.01

"The Engineer shall have no authority to suspend the Work, wholly or in part, for any reason. All rights conferred onto the Engineer for suspending the Work by Standard Specification Articles 105.01 and 108.07 shall be the sole right of the Owner."

Delete Article 105.05 and replace with the following:

“The documents forming the Contract Documents, as listed in the Agreement, are complementary, and the work called for by one is as binding upon the parties as if it was called for by all. In the event of conflict between the Contract Documents, the interpretation of the Engineer shall govern. Generally, the Engineer will resolve conflicts in a manner which will yield the greater quality in the Work. In the interpretation of any conflict between the Contract Documents, the following order of precedence shall govern:

- Evanston General Conditions
- Bid Form
- Addenda
- Instruction to Bidders
- Special Provisions
- Drawings/Plans
- Standard Specifications – Illinois Department of Transportation
- Other Referenced Specifications
- Other documents included in the Contract Documents by specific reference in the Agreement.”

Delete the first paragraph of Article 105.06 and replace it with the following:

“The Contractor will be furnished, free of charge, 2 full-size sets of Drawings, and 2 sets of the Contract Documents. Any additional full size sets or random sheets will be furnished at a cost of \$3.00 per drawing sheet and \$0.50 per Contract Document sheet. The IDOT Standard Specifications will not be furnished and the Contractor shall obtain those specifications on his own directly from IDOT.”

Add the following paragraphs to Article 105.06:

“On or within fifteen (15) calendar days from the date on the Purchase Order, the Contractor shall identify the person who will act as Project Superintendent in writing to the OWNER. The Project Superintendent is required to attend monthly meetings to discuss the Project status.”

Add the following sentences to the first paragraph of Article 105.07:

“The Drawings depict the locations of various existing underground utilities, including gas mains, electric duct lines, telephone lines, cable TV lines, sewers, and water mains. The information shown on the Drawings has been determined from the best available information, including field surveys and/or the records of the parent utility companies. Such information may or may not be accurate. Other underground utilities may also be present. As such, the Owner and Engineer assume no responsibility in the event that, during construction, utilities other than those shown are encountered or that actual locations of those utilities shown are different from the locations designated on the Drawings.

Delete Article 105.09 of the Standard Specifications and replace it with the following:

“105.09 Survey Control Points. The primary vertical and horizontal control points for the Work are shown on the Drawings. Using this reference control, the Contractor shall take the necessary topography, locate all earthwork and structures, and establish all grades necessary for the accomplishment of the Work. The Contractor shall carefully preserve all marks, reference points and stakes established, and, in the case of their destruction, such points, marks or stakes shall be replaced by the Contractor at his expense. The Contractor shall also be responsible for any mistakes caused by their loss or disturbance.

Any monuments that are disturbed by construction operations shall be reset by the Contractor in

accordance with generally accepted engineering and surveying practice. Property corners, fences, or any other indications of property lines shall be referenced by the Contractor prior to construction and reset by the Contractor after completion of construction in accordance with generally accepted engineering and surveying practice.

Prior to establishing the working control, the Contractor shall provide, at the Engineer's request, sufficient copies of an illustration of the working control relative to pertinent construction. The Engineer will check all forms prior to placing concrete. All checking by the Engineer will be independent. The sole intent of the Engineer's checking of working controls, forms and other references shall be to provide greater assurance to the Owner that the Work, when completed, will be in General conformance with the Contract Documents. The Contractor shall be solely responsible for the correctness and adequacy of Work controls."

Delete Article 105.10 and replace it with the following:

"105.10 Authority of Engineer. The Engineer, as the Owner's representative, will administer the Contract and observe, survey, monitor, and judge the performance of the Contractor. The Engineer will perform technical inspections of work performed by the Contractor and shall have authority to reject, in writing, all work and materials which do not comply with the Contract Documents.

The Engineer, as the Owner's representative, will interpret the Contract Documents. The Engineer will decide questions which arise in the execution of the Work or in the interpretation of the Contract Documents. The Engineer's decision or interpretations shall be final, unless the Contractor appeals to the Owner in writing within fifteen (15) calendar days after the decision or interpretation.

Neither the Engineer's authority to act under this Section, or elsewhere in the Contract Documents, nor any decision made by the Engineer in good faith either to exercise or not exercise such authority shall give rise to any duty or responsibility of the Engineer to the Contractor; any Subcontractor; any supplier, manufacturer, fabricator, distributor, vendor, or any other person or organization performing any of the Work, or to any surety for any of them.

The use of terms, such as, but not limited to: "approval", "judgment", "requirement", or "direction" shall not be effective to assign to the Engineer any duty or authority to supervise or direct the furnishing or performance of the Work or any duty or authority to undertake responsibility contrary to the provisions herein; shall not be construed in any manner to relieve the Contractor of any of its responsibilities under the Contract Documents; nor, shall be construed to create duties on the part of the Engineer or the Owner toward the Contractor.

The Engineer will not be responsible for the Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, and the Engineer will not be responsible for the Contractor's failure to perform or furnish the Work in accordance with the Contract Documents.

The Engineer will not be responsible for the acts or omissions of the Contractor or of any Subcontractor; any supplier, manufacturer, fabricator, distributor, vendor, or of any other person or organization performing or furnishing any of the Work. It is agreed and understood that the Contractor is solely responsible for supervising the Work and for safety at the site of the Work as provided for in Article 105.14."

Delete Article 105.11 in its entirety.

Add the following paragraph to Article 105.12:

“The Contractor agrees that representatives of the Owner, Engineer, Illinois Environmental Protection Agency, and the Metropolitan Water Reclamation District of Greater Chicago shall have access to the Work whenever it is in preparation or progress and that the Contractor shall provide facilities for access and inspection.”

Add Article 105.14, which shall read as follows:

“**105.14 Job-Site Safety.** The Contractor is solely responsible at all times for safety at the job site. The Contractor shall implement whatever protection measures are necessary to fully protect his work forces, the work forces of his suppliers and subcontractors, and the general public from construction activities. Any and all safety regulations and other provisions of applicable Federal, State and local laws and building and construction codes shall be observed.

The Drawings do not include standards or guidelines for construction safety. The Contractor shall be responsible for the adequacy and safety of all construction methods and the safe prosecution of the Work, including, but not limited to: forms, falsework, scaffolding, trench protection, protective barricades, protective rails, and warning lights. It is expressly stipulated that any examination and/or approval by the Engineer of the Contractor's plans for such items as well as for any other items needed for the prosecution of the Work will cover only general conformance with the design concept of the project and general compliance with the information given in the Contract Documents. Such examination and/or approval by the Engineer shall not relieve the Contractor from full and complete responsibility for safe prosecution of the Work at all times and for obtaining satisfactory results. Requirements for safety-related work tasks presented in Project Drawings and Specifications, such as traffic control, represent the minimum level of protection which must be implemented. Depending on the Contractor's means and methods, these protection measures may or may not be fully adequate to protect Project work forces or the general public. As such, the Contractor is solely responsible for and is required to implement whatever additional protection measures may be necessary to fully protect the Project work force and the general public.

Nothing in the foregoing paragraphs shall be construed as relieving the Contractor from full responsibility for safe prosecution of the Work at all times. In the event the Owner, Engineer or their representatives are held by a court or administrative body to be liable for personal injuries or damages to property arising from deficiencies in job-site safety, the Contractor shall promptly indemnify and hold them harmless there from.

The Contractor shall follow the latest Center for Disease Control and Prevention guidelines when entering the home of residents.”

Add the following Article 105.15, which shall read as follows:

“**105.15 Official Contact.** All official notices required to be delivered to the City of Evanston under the terms of this Contract shall be sent to the following representative of the City:

Bridget Nash, Senior Project Manager
Capital Planning & Engineering Bureau, Public Works Agency
City of Evanston
909 Davis Street
Evanston, IL 60201
(847) 448-8102

LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC

Delete the first paragraph of Article 107.04 and replace it with the following:

“Owner will obtain approvals of the construction plans from the Metropolitan Water Reclamation District of Greater Chicago (MWRD or MWRDGC) and the Illinois Environmental Protection Agency (IEPA). The Contractor shall at his own expense obtain all required construction permits, licenses, insurance, and other appurtenant approvals or permissions for the execution of this Work; give all necessary notices; pay all fees required; fulfill all permit requirements, including construction standards, bond requirements, and insurance requirements; and, comply with all rules, regulations, ordinances, and laws relating to the Work and to the preservation of public health and safety.”

Add the following sentences to Article 107.08:

“Suitable toilet facilities shall be provided at the job site. The facilities and the location of same shall be approved by the Owner and shall be kept in a clean and sanitary condition. Sanitary sewer manholes or construction trenches may not be used for toilet facilities.”

Delete the first sentence of Article 107.09 and replace it with the following:

“The Contractor shall notify the Engineer at least thirty (30) days in advance of the starting of any construction work which might in any way inconvenience or endanger traffic, so arrangements can be made, if necessary, for closing the road and providing suitable detours.”

Add the following paragraphs to Article 107.09:

“The Contractor shall identify and obtain, at their own expense, other sites for storage of materials and equipment. Sites shall be approved by the Owner and shall conform to City zoning and land use regulations.

Contractors shall confine all work activities to the public right-of-ways, except areas designated as tree protection zones and in areas required to be accessed for the purpose of lead water service line replacements to a point located within a home. If, for their convenience, Contractors wish to conduct work activities outside public right-of-ways, including storage of equipment and materials, Contractors shall obtain written permission from affected property owners prior to proceeding with these work activities. Costs of obtaining permission, permits, easements, site preparation, site maintenance, site restoration, and all other expenses associated with work outside right-of-ways, easements, and properties fully executing Property Owner Agreement Forms for full lead water service replacement, shall be borne by the Contractors at no additional expense to the Owner.

Construction materials may not be placed or stored along City streets and other public areas more than five (5) calendar days prior to their planned incorporation into the Project. Excess materials to be incorporated into the Project, including pipe, backfill materials, and other construction materials, not incorporated into the Project shall be removed from the construction site by the end of each day and shall be disposed of in accordance with these Specifications. Temporary storage of materials shall not interfere with curb line storm drainage. Reclaimed construction materials shall be moved to the Contractor's storage areas. Excess spoils shall be removed at the end of each day.

Excess construction equipment not actively engaged in daily work operations shall be stored only in the Contractor's storage areas and not along City streets. Tracked construction equipment shall be moved from place to place in the City only on rubber-tired trailers. “Walking” of tracked equipment between construction areas is expressly prohibited. Refueling trucks shall not be parked on City streets and shall be returned to the Contractor's storage area when not in use. The Contractor shall provide off-street parking for personal vehicles belonging to his employees, supplier's employees, and subcontractor's employees. These vehicles may not be parked along

City streets or in Work areas. No trailers and/or connex containers will be allowed to be stored on/in the City of Evanston R.O.W.

Electrical power for construction operations outside normal project hours shall be obtained through temporary power drops from Commonwealth Edison facilities. The Contractor shall not use engine-driven generators for power at work sites or use other engine-driven equipment outside normal project work hours, including, but not limited to: pumps and compressors, except in emergency situations.

The Contractor shall provide receptacles as necessary at construction areas for depositing waste paper and garbage; and, shall empty these receptacles regularly. The Contractor shall keep the construction site and his storage sites neat and shall promptly clean up any debris that accumulates. All waste materials shall be hauled to a legal waste disposal site of the Contractor's choice.

The Contractor shall conduct his operations so that access to homes and other buildings is maintained at all times when Contractor is not working at that specific location. The Contractor shall cooperate in efforts to notify home and other building owners as to when direct vehicular access to their property will be curtailed and the approximate length of time of such curtailment. Written and/or vocal notification shall be given to affected residents or tenants of the properties not less than 24 hours prior to access curtailment. The Contractor shall maintain access for emergency vehicles to all parts of the construction area at all times.

Where water service connections are made, the Contractor shall not place spoil on the parkway.

The Contractor shall provide for and maintain the flow in all sewers, drains, building or inlet connections and all water-courses which may be met with during the progress of the Work. He shall not allow the contents of any sewer, drain, or inlet connection to flow into trenches, sewers, or other structures to be constructed under the Contract and shall immediately remove and cart away from the vicinity of the Work all offensive matter. The Contractor shall not disrupt the function of individual sanitary services for more than four continuous hours. If construction operations are anticipated to disrupt individual services for more than four hours, the Contractor shall provide for temporary sanitary service for the duration of the disruption.

The Contractor shall provide for and maintain the flow in all water mains or services which may be met with during the progress of the Work. When water mains or services are to be disturbed to the extent that the water will be shut-off, the City of Evanston Utilities Department and all parties being served by the lines involved shall be notified in accordance with Article 561.03, giving them the time and duration of the shut-off period. In cases involving disruption of fire hydrants, the City of Evanston Fire Department shall also be notified in accordance with Article 561.03. The Contractor shall not disrupt the function of individual water services for more than four continuous hours. If construction operations are anticipated to disrupt individual services for more than four hours, the Contractor shall provide for temporary water service for the duration of the disruption.

The Contractor shall promptly notify the proper utility company and all other effected parties of any damage to water, gas, electric, telephone, sewer, and other utility lines and connections caused by the Contractor's operations. The damage shall be immediately repaired at the Contractor's expense. In the case of an accidental breaking of a water main or service line, the repairs of such a break shall have priority over all other operations. The parties whose services are affected by the break shall be notified at once and all assistance given to supply emergency water where necessary by temporary lines, tank truck, or other means. The Contractor shall

maintain an appropriate inventory of the materials for emergency repairs. In the case of an accidental breakage of a street light cable, the Contractor shall submit for approval a licensed electrical contractor to repair any and all damage to the existing street light cables.

The Contractor shall not allow travel upon any street, park, roadway, or alley to be hindered or inconvenienced needlessly, nor shall the same be wholly obstructed without the written permission of the Owner thereof. No construction vehicles shall be driven through or shall be parked in alleys unless so approved by the Engineer. Construction traffic shall be routed on major City through-streets. Construction traffic on minor streets shall be limited as much as is practical. All street closures must be approved by Engineer.

When traffic must be obstructed, the Contractor shall provide proper traffic control as accepted by the Engineer and Owner by placing clearly worded signs announcing such fact with proper barricades, at the nearest cross-streets on each side of such obstructed portion, where travel can pass around the obstruction in the shortest and easiest way. "No parking" signs must be approved by the Engineer and must be POSTED AND DATED at least 48 hours before the intended date of use. "No Parking" signs are to be purchased from the Owner. If vehicles are still parked in "No Parking" areas identified by the Contractor, the Contractor shall notify the Engineer who will contact the Evanston Police to have the vehicles towed away. No towing of vehicles shall be done by the Contractor.

Driveways to fire department buildings, driveways to medical buildings, and driveways to businesses required for continuance of their commerce shall be kept open and maintained in passable conditions at all times unless modified by agreement between the Contractor and the property owner. All agreements between the Contractor and private property owners must be in writing to be considered binding. The Contractor shall give reasonable notice to the owners of all private driveways before interfering with them. Daily construction operations shall be terminated at such locations that the operations of driveways are not obstructed. Driveways shall be passable between the hours of 6:00 p.m. and 9:00 a.m.

Delete Article 107.17 and replace it with the following:

"107.17 Use of Explosives

(a) General

Blasting and other uses of explosives will not be permitted under this Contract."

Delete Article 107.18 and replace it with the following:

"107.18 Use of Fire Hydrants. If the Contractor desires to use water from hydrants, he shall fill out an application to the City of Evanston Utilities Department and shall conform to the municipal ordinances, rules, or regulations concerning their use. The Contractor shall obtain a use permit for each hydrant, and shall operate the hydrant properly. The Contractor is required to use an RPZ or appropriate back flow prevention device subject to approval of the City. There is a \$300 deposit on the fire hydrant and all borrowed equipment. Water shall be furnished from hydrants at no cost to the Contractor. However, the Contractor shall restore any damage to the hydrant caused by his use, including settlement.

Fire hydrants shall be accessible at all times to the Fire Department. No material or other obstructions shall be placed closer to a fire hydrant than permitted by municipal ordinances, rules or regulations, or within five (5) feet of a fire hydrant, in the absence of such ordinances, rules or regulations."

Add the following paragraphs to Article 107.20:

“All existing roadway ditches or swales disturbed during construction operations shall be restored to their original cross-section and longitudinal grade, as approved by the Engineer. Any settlement caused by sewer or water main trenches shall be refilled and the original grades maintained by the Contractor for a period of one year from the date of final completion of the Project. Any property damage caused by trench excavation or augering operations, including settlement, shall be restored at Contractor's expense.”

Existing roadways, driveways, sidewalks, curbs, utilities, structures, landscaping, site objects, and other site improvements not indicated to be removed and/or replaced as part of the Project which are damaged by Contractor's operations shall be repaired to a condition equal or better than that prior to the start of construction; or, if deemed un-repairable by the Owner, removed and replaced by the Contractor at no cost to the Owner in accordance with the terms of the Project specifications, Drawings, applicable codes, ordinances, and technical standards.

The correction of defects in the Work performed by the Contractor shall be done at no additional cost to the Owner and in accordance with the terms of the Project specifications, Drawings, applicable codes, ordinances, and technical standards.

Add the following paragraph to Article 107.25:

“Prior to commencement of construction operations, the Contractor shall prepare a written inventory of existing traffic control and other signage along the routes of construction. This inventory shall list the location, wording, and general condition of signage. This inventory shall be submitted to the Engineer upon completion and before any signage is removed for construction activities. The Contractor shall remove all existing traffic control signs, store these signs in a manner, which prevents damage, and reinstall them as soon as possible following installation of new sewers as coordinated by the Engineer.”

Delete Article 107.27 and replace it with the following:

Extension of Indemnification to Third Parties. In the event that some of the Work is to be completed on property that is not owned by the Owner, the Contractor shall provide the indemnification and save harmless protection to the owner of such property. The Contractor shall also provide the indemnification and save harmless protection to owners of adjacent properties that may be affected by his operations.

Claims and disputes by third parties arising from work on this Contract, including augering and directional drilling or excavation work shall be resolved in accordance with the procedures hereinafter specified. This provision does not change, modify or alter the Contractor's responsibility to follow the insurance requirements of the Contract. Neither does this provision change, modify or alter the Contractor's responsibility to defend, indemnify and hold harmless the Owner and the Engineer from all types of claims that may arise out of or in consequence of the performance of this work by the Contractor or which may result in any way there from as that duty is stated in Section 107. Furthermore, this provision does not change, modify or alter the Contractor's responsibility to follow the provisions requiring a Contractor's Performance Bond.

The Contractor agrees to follow the procedure described following in resolving all property damage disputes that arise during the performance of the Work under the Contract. The Contractor agrees that the following procedure is the way the Contractor will hold the City of Evanston, MWRD and Engineer harmless for property damage claims:

i. Procedure for Resolving Property Damage Disputes

If the Contractor receives a claim for property damage allegedly caused by his performance of the Work under this Contract, the Contractor shall, within five (5) calendar days of receipt of such claims:

Acknowledge the claim to the property owner.

Send a copy of the said claim and acknowledgment to Engineer.

If the claim is not settled (or the Contractor does not agree to settle the claim) within five (5) calendar days, the Contractor shall:

Forward the claim to the Contractor's insurance carrier.

Require his insurance company to forward to Engineer an acknowledgment of receipt of the claim.

The Contractor and insurance carrier shall either settle or deny claims within sixty (60) calendar days of initial receipt of the claims. The insurance carrier and Contractor shall notify the Engineer of claims settled and denied, including the terms of the settlement or reasons for denial. The Contractor shall advise property owners of the decision to deny their claims and shall include in the Notice of Denial the name and address of the person authorized to accept service of process on behalf of the Contractor.

When a claim is allowed in any amount, Contractor shall, within thirty (30) calendar days of the award, pay to the property owner the amount of the award. If the Contractor does not make these payments to the property owner within the thirty (30) calendar day period, the Owner shall be authorized to make these payments for the Contractor and then deduct the amounts paid from the next payment due the Contractor under this Contract.”

Add the following paragraphs to Article 107.30:

“The Contractor assumes full responsibility for the safekeeping of all materials and equipment and for all unfinished work until final acceptance by the Owner, and if any of it is damaged or destroyed from any cause, the Contractor shall replace it at his own expense.

The Contractor shall indemnify and save harmless the Owner against any liens filed for nonpayment of his bills in connection with the Contract work. The Contractor shall furnish the Owner satisfactory evidence that all persons who have done work or furnished materials, equipment or service of any type under this Contract have been fully paid prior to the acceptance of the Work by the Owner.

The Contractor shall erect and maintain such barriers and lights and/or watchmen as will protect and warn pedestrians and vehicles, and prevent access of unauthorized persons to the site so as to prevent accidents as a consequence of his work.

The Contractor shall indemnify and hold harmless the Owner, the Owner's employees, the Engineer, and the Engineer's employees from any and all liability, loss, cost, damages and claims, and expense (including reasonable attorney's fees and court costs) resulting from, arising out of, or incurred by reason of any claims, actions, or suits based upon or alleging bodily injury, including death, or property damage arising out of, or resulting from the Contractor's operations under this Contract, whether such operations be by himself or by any subcontractor or by anyone directly or

indirectly employed by either of them. The Contractor shall obtain insurance for this purpose, which shall insure the interests of the Owner and Engineer as the same may appear, and shall file with the Owner and Engineer certificates of such insurance.

The Contractor shall protect the Owner's property and adjacent property from injury or loss resulting from his operations. Objects sustaining such damage shall be replaced to the satisfaction of the Owner and Engineer; the cost of such repairs shall be borne by the Contractor.

The Contractor shall be completely responsible for protecting his work from vandalism. Any vandalized concrete shall be repaired and/or replaced as directed by the Engineer and at the Contractor's expense.”

Delete the second and fourth paragraphs of Article 107.35.

Delete Article 107.40 in its entirety and replace with the following:

Unknown Utilities. The requirements stated in Article 107.37 for known utilities shall apply to unknown utilities. No additional compensation will be allowed for any delays, inconveniences, or damages sustained by the Contractor due to the presence of any claimed interference from unknown utility facilities or any adjustment of them, except as specifically provided in the contract.

Definition. An unknown utility is defined as an active or inactive underground transmission facility (excluding service connections) which is either:

(1) Located underground and (a) not shown in any way in any location on the plans; (b) not identified in writing by the City to the Contractor prior to the letting; or (c) not located relative to the location shown in the contract within the tolerances provided in 220 ILCS 50/2.8 or Administrative Code Title 92 Part 530.40(c).

(2) Located above ground or underground and not relocated as provided in the contract

Add Article 107.42, which shall read as follows:

“107.42 Traffic Control and Protection. Special attention is called to the following Highway Standard Details and Section 701 relating to Traffic control:

STANDARDS

701301, 701501, 701602, 701606, 701611, 701701, 701801, 701901, 780001

If requested by Contractor, one-block-long road closures will be allowed by the Owner in areas deemed necessary by the Engineer. No more than one lane of other streets may be closed at any time. Traffic control shall be in accordance with the applicable sections of the Standard Specifications, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, any Special Provisions, any Supplemental Standard Specifications and any special details and Highway Standards contained herein.

At the Pre-Construction Meeting, the Contractor shall furnish the name, and a 24-hour telephone number of the individual in his direct employ, who is responsible for the installation and maintenance of the traffic control for the Project. In accordance with Article 108.01, if a subcontractor is to provide this aspect of the work, consent of the Engineer is required. This shall not relieve the Contractor of the foregoing requirement for an individual in his direct employ to superintend the implementation and maintenance of the traffic control.

The Contractor shall furnish, install, maintain, relocate, and remove all traffic cones, signs, barricades, warning lights and other devices which are to be used for the purpose of controlling

pedestrian and vehicular traffic. The traffic control requirements presented in the Contract documents represent the minimum level of control which shall be provided. The Contractor is solely responsible for implementing all other traffic control measures required to fully protect pedestrians, vehicles, and his work forces.

The Contractor is responsible to ensure that all barricades, warning signs, lights and other devices installed for traffic control are in place and operational twenty-four hours each calendar day this Contract is in effect. In particular, the Contractor shall make sure that warning lights are functioning during night-time hours. Warning lights shall be checked each calendar day to verify functioning, replace batteries/bulbs, and/or replace light assemblies as necessary.

All areas of work shall be protected each night by Type II drum-type or sawhorse-type barricades at not greater than fifty (50) foot centers.

Drum-type and sawhorse barricades shall be equipped with working flashing lights and highly visible reflectors, reflective tape or reflective paint. At least six reflectors shall be visible from any viewing angle. Tape or paint shall cover at least 30 percent of the barricade from any viewing angle and shall conform to Section 700 of the Standard Specifications. Arrow boards shall be silent type powered by electricity or battery packs. No engine/generator-powered arrow boards are permitted.

The Contractor shall place "No Parking" signs a minimum of two (2) calendar days prior to curb replacement, patching or resurfacing operations. All "No Parking" signs must have the approval of, affixed, and displayed to the satisfaction of the Engineer. Posting of signs on trees shall be done in such a manner to facilitate removal; stapling or nailing of signs to trees is prohibited. Contractor shall keep a log of all posted "No Parking" signs and shall submit the log to the Engineer promptly upon request.

School busses and emergency vehicles shall have access to all premises at all times."

Add Article 107.43, which shall read as follows:

"107.43 Maintenance of Roads. Contractor shall maintain roads for all weather conditions and at all times in compliance with state and local regulations. Upon completion of construction, Contractor shall return all roads to their original condition as described in Section 442. With the Owner's approval, roadways and drives may be closed temporarily in the immediate area of the work. However, roadways and driveways shall be reopened as soon as is practical following the completion of installation and/or restoration. All roadways shall be maintained open to local traffic between the hours of 6:00 p.m. and 9:00 am or at other times when Contractor is not actively engaged in sewer and/or water main installation. Roadways shall be open to through traffic whenever practical. Roadways shall be open to emergency vehicles at all times. Temporary pavements specified by Engineer or Owner shall be placed on the same day as sewer and/or water main installation and shall be maintained as necessary until final roadway restoration. Contractor shall promptly remove all loose material spilled on roadways during the execution of the Work.

Temporary pavements shall consist of aggregate, cold mix, hot mix, or steel plates as specified or as directed by the Engineer. Hot mix shall be used for all IDOT and arterial streets and all intersections, and shall be compacted to the satisfaction of the Engineer by a steel drum roller. Aggregate surface course shall be used for other streets, alleys and driveways, unless otherwise directed by the Engineer. Steel plates shall be used to close construction work shafts and shall be set with their surfaces flush with existing roadways.

Temporary pavements for trenches crossing roadways and sewer and/or water main structures in through traffic lanes shall be hot mix when specified or as directed by Engineer. Temporary pavements around structures not located in through traffic lanes shall be aggregate surface course as specified or as directed by the Engineer.”

Add Article 107.44, which shall read as follows:

“107.44 Water Control. The Contractor shall perform grading and other operations to maintain site drainage. Surface water shall not be allowed to accumulate in excavations. The Contractor shall dispose of surface and subsurface water in a legal manner. He shall not allow mud, silt, or debris to flow into any surface water area or body other than in compliance with the State Water Quality Standards. Where the Contractor's operations disturb existing combined sewers, the Contractor shall provide temporary bulkheads and pumping facilities as necessary to maintain the combined sewers, connected building services and storm water inlet leads in full operation, including transport of the maximum dry-weather and wet-weather flow of which the existing sewer is capable. Combined wastewater shall not be permitted to flow along streets, public right-of-ways, private property, trench areas or inactive relief sewers. All earthworks, moving of equipment, water control of excavations, and other operations likely to create silting, shall be conducted so as to minimize pollution to watercourses or water storage areas. Under no circumstances shall the Contractor discharge pollutants into any watercourse or water storage area.”

Add Article 107.45, which shall read as follows:

“107.45 Overnight Protection of Work. The Contractor shall adequately backfill, cover with appropriate plates, or suitably fence and barricade all open excavations at the completion of each day's work. Open-cut excavations shall be reduced to a maximum length of thirty feet overnight. Excavations shall not block roadways or driveways. Open ends of sewers being installed shall be bulk-headed overnight with watertight plugs to prevent entrance of soils, entrance of groundwater, and/or entrance by the public. The Contractor shall protect all excavations from public access. All shafts for open-cut work shall be fully covered during non-working hours and during working hours when not being actively used for that day's construction.”

Add Article 107.46, which shall read as follows:

“107.46 Guarantees and Warranties. All guarantees and warranties required shall be furnished by the Contractor and shall be delivered to the Owner before the final voucher on the Contract is issued.”

PROSECUTION AND PROGRESS

Add the following to Article 108.01:

“The Owner may approve the use of second tier subcontractors on a case by case basis after the Prime Contractor initiates a request for approval of same. The Prime Contractor is responsible for compliance with all the provision of the contract and is also responsible for providing that all of the pertinent provisions and requirements of the prime contract are incorporated into the second tier subcontracts. The Prime Contractor shall provide a copy of the second tier subcontract, second tier subcontractor insurance certificates, and shall provide waivers from the second tier subcontractors as required for the processing of pay estimates. The second tier subcontractor shall not commence work until approval is granted by the Owner”

Add the following to Article 108.02:

“Prior to commencing construction operations, the Project Superintendent shall meet with the Owner and Engineer and submit his Progress Schedule.

The construction schedule shall reflect that no work will be performed on Saturdays, Sundays, Holidays, and the days listed below as modified in Art. 108.03 Section 108. Calendar day is defined as: "Any calendar day between April 1 and November 30 inclusive, except Saturdays, Sundays or legal holidays. If the City approves work on Saturday, the Contractor will not be charged a calendar day for work done on that Saturday."

The Contractor shall submit to the Engineer monthly updates of the schedules required per these specifications. Schedule updates shall reflect the progress to date by providing actual start dates for activities started, actual finish dates for completed activities, and identifying out of sequence work, schedule logic changes, and any circumstances or events impacting the current schedule. The updates shall also contain the Contractor's best estimate of the remaining duration for activities not complete as of the date of the update. All graphic presentations and reports shall be submitted with the monthly partial payment requests.

The Contractor shall prepare and submit daily reports containing, among other items, the following information:

1. A description of work activities performed.
2. A description of obstructions encountered.
3. Temperature and weather conditions.

The reports shall be submitted on a daily basis, by the end of the next business day.

Information provided on the daily report shall not constitute notice of delay or any other notice required by the Contract Documents.

Failure to provide the updated schedule every month may be cause to withhold any partial payment due to the Contractor during the course of the Contract until the deficiency has been remedied."

Delete the second paragraph of Article 108.03 and replace it with the following:

"The Contractor shall notify the Owner and Engineer at least 72 hours before beginning work. The Contractor shall give a minimum of 24 hour notice, not including Saturdays, Sundays or legal holidays, prior to suspension of construction activities for any non-weather related reason. Suspension of work for non-weather related reasons must be pre-approved by the Engineer. The Contractor must be in advance of the Controlling Item as indicated by his submitted Construction Schedule as a condition of the Engineer's granting of authorization to suspend work. In addition, the suspension shall not affect the completion date of the Project. The Contractor shall notify the Engineer at least 24 hours, not including Saturdays, Sundays or legal holidays, prior to the resumption of work. The site must be left in a clean and neat manner, acceptable to the Engineer, prior to the authorization of the suspension.

The Contractor shall perform the Work in accordance with the following scheduling requirements:

- a. The Contractor will be required to discuss their operations and get verbal and / or written permission at least twenty-four (24) hours in advance in order to work on the following dates:

Monday, May 25, 2026
Friday, June 19, 2026

Memorial Day
Juneteenth

Friday, July 3, 2026
Monday, September 7, 2026

Independence Day
Labor Day

Delete Article 108.04 and replace it with the following:

“108.04 Normal Work Hours. Normal work hours shall be Monday through Friday (excluding legal holidays) between 7:00 am and 5:00 p.m. local time during the calendar dates specified in Article 108.03. Except for work required to maintain warning lights, barricades and other safety/health-related systems no work shall be performed on Saturdays, Sundays, legal holidays, or between 5:00 pm and 7:00 am on other days without specific permission of the Owner. This requirement excludes private water service work which may take place outside of normal work hours including Saturdays in accordance with the Evanston City Code. Only work between the parkway and private residence may take place outside of normal working hours and at no time will work within the roadway be permitted outside of normal working hours or work on Sunday without written approval from the Engineer.

No work, except maintenance of warning lights, barricades and other safety/health-related systems, may be performed unless the Engineer is available to observe/inspect construction activities. Owner will provide the services of the Engineer as needed for construction observation/inspection between the hours of 7:00 am and 5:00 p.m., Monday through Friday, except legal holidays, in accordance with the calendar dates specified in Article 108.03. Prohibited work activities outside of normal work hours include but are not limited to the warming up of any piece of equipment or turning on engines. Any violation for working hours will incur a \$500.00 fine for each occurrence.

If at any time during the project the Contractor elects to work on a Saturday, they must obtain written permission from the Capital Planning and Engineering Bureau, Senior Project Manager and/or City Engineer/Bureau Chief, Public Works Agency. Contractor shall request this at least twenty-four hours in advance of Saturday work. The contractor is required to estimate any Saturday work and include that in the bid amount.

If at any time during the project the Contractor elects to work past the normal working hours, the Engineer shall invoice the Contractor for Engineering Services at a rate of \$75.00 per hour for Engineering Services provided beyond the normal working hours at the conclusion of each month. Engineering Services will be paid for at the contract unit price of \$75.00 per hour. Administrative accounts payable, overhead, and profits costs shall be included in the various contract items and no additional compensation will be allowed.

Delete Article 108.05 and replace it with the following:

“108.05 Project Completion Times:

The Project Completion Time and Substantial Completion Times shall be as specified in the Contract Documents. Liquidated damages, as indicated in Article 108.09 shall apply for failure to achieve any of the listed Partial Completion Dates, Substantial Completion Dates, Project Completion Dates, and other specific Work task completion requirements. Calendar day is defined as: “Any calendar day between April 1 and November 30 inclusive, except Saturdays, Sundays or legal holidays. If the City approves work on Saturday, the Contractor will not be charged a calendar day for work done on that Saturday.” Claims for extension or shortening of the Substantial Completion Times and Project Completion Time shall be based on written notice delivered by the party making the claim to the other party and to the Engineer promptly, but, in no event, later than thirty (30) calendar days after the occurrence of the event giving rise to the claim and stating the nature of the claim.”

Add the following paragraph to Article 108.07

“The Engineer shall have no authority to suspend the Work, wholly or in part, for any reason. All rights conferred onto the Engineer for suspending the Work by Standard Specification Articles 105.01 and 108.07 shall be the sole right of the Owner.”

MEASUREMENT AND PAYMENT

Add the following paragraphs to Article 109.02:

“All the requirements of the Supplemental Standard Specifications pertaining to Sections 100 to 109 of the Standard Specifications are considered incidental to the Work, and no separate or additional payment will be made, except as otherwise indicated, for complying with said requirements. The Owner has the authority to withhold any payment if satisfactory progress is not made by Contractor to complete any work on the Contract.

The cost of removal of any temporary surfaces, trench backfill or other temporary materials above the subgrade level in areas where final surface restoration is to be performed shall be incidental to the Contract and no additional separate payment will be made except as indicated on the Plans.

Existing facilities or property damaged by construction activities, including settlement, whether through result of Contractor's negligence or as a normal result of the means and methods employed by the Contractor, shall be restored to original condition. Restoration of damaged areas will be considered incidental to the Work and the cost shall be included as part of the unit or lump sum price item to which the restoration pertains.

Payment for each item will be made at the unit or lump sum price bid for that item. The cost of all other related or incidental work required by the plans and specifications shall not be measured or paid for as a separate item, but shall be included as part of the unit or lump sum price item to which the work pertains. Failure to list all such related or incidental work for the bid items shall not invalidate this stipulation.”

Delete Article 109.07 and replace it with the following:

“**109.07 Partial Payments and Retainage.** The Owner will pay the Contractor monthly for Work completed in accordance with the Contract Documents. Applications for Payment from the Contractor (and subcontractors) shall be prepared and submitted by the Contractor with all supporting documents to the Engineer. Supporting documents to be submitted with Applications for Payment shall include, but are not limited to:

Documents to be Submitted With Applications for Partial Payment

- (a) DBE Monthly Utilization Report
- (b) All delivery tickets for concrete and asphalt.
- (c) Lien Waivers
- (d) Construction Schedule Update
- (e) Certified payrolls for general contractor and sub-contractors
- (f) Illinois Works Apprenticeship Initiative Periodic Report

Failure to submit any of the above documents may cause the payment application to be rejected.

Lien waivers shall accompany each Application for Payment and shall reflect the amount paid to each subcontractor, and supplier, and their respective supporting lien waivers. Contractor's lien waivers submitted with interim Applications for Payment shall reflect all costs up to the date of the Application. Lien waivers from subcontractors, suppliers and others accompanying interim Applications for Payment may be submitted one month in arrears. Lien waivers submitted with the final Application for Payment shall reflect the full values of Contractor's efforts; and, all subcontracts, materials purchases, and other Project costs.

Applications for Payment shall be reviewed by the Engineer within ten (10) calendar days of the submittal and returned to the Contractor for correction or forwarded to the Owner for approval, as appropriate. Engineer and Contractor must agree to quantities forwarded to the Owner. Any disputed quantities not included in the Application for Payment must be resolved within thirty (30) calendar days with any adjustments from disputed quantities to be included on the following Application for Payment. Applications for Payment certified by the Engineer must be in the City offices by the close of business on the last working day of each month. The Owner will pay the Contractor within thirty (30) calendar days of receipt of Applications for Payment certified by the Engineer.

Retainage shall be withheld as follows:

"There shall be deducted from the amount so determined for the first 50 percent of the completed work a sum of ten percent to be retained until after the completion of the entire work to the satisfaction of the Engineer. After 50 percent or more of the work is completed, the City may, at its discretion, certify the remaining partial payments without any further retention, provided that satisfactory progress is being made, and provided that the amount retained is not less than five percent of the total adjusted contract price."

Delete the first, third, and fourth paragraphs of Article 109.08 and add the following:

"Final payment will be made within sixty (60) calendar days after the Work is fully completed and accepted by the Owner and the Contract fully performed. Request for final payment shall be prepared by the Contractor and accompanied by the documentation hereinafter listed. Quantities for this Contract shall be subject to the contract unit price applied to final measured quantities.

Neither the final payment nor any part of the retained percentage shall become due until the Contractor delivers to the Owner a complete release of all liens arising out of this Contract, or receipts in full in lieu thereof, and in either case, an affidavit that so far as he has the knowledge or information, the releases and receipts include all the labor and material for which a lien could be filed, but the Contractor may, if any subcontractor refuses to furnish a release or receipt in full, furnish a bond satisfactory to the Owner, to indemnify the Owner against any lien. If any liens remain unsatisfied after all payments are made, the Contractor shall refund to the Owner all moneys that the Owner may be compelled to pay in discharging such liens, including all costs and Attorney's fees.

With his final payment request, the Contractor shall submit the following data:

**Documents to be Submitted With
Application for Final Payment**

- (a) DBE Utilization Final Report
- (b) Contractor prepared Record – Drawings
- (c) Illinois Works Apprenticeship Initiative Periodic Report

Add the following as the first two paragraphs of Article 109.09:

“The Contractor shall notify the Engineer immediately when the Contractor becomes aware of any circumstances which the Contractor believes may lead to a claim for extra cost. Where possible, the Contractor shall delay proceeding with work which may result in the claim for extra cost until the Engineer has had a reasonable opportunity to review the situation, unless such delay will materially disrupt the prosecution of the Work or unless immediate Contractor action is required to resolve an emergency which endangers life or property. The purposes of the Engineer's review are: to verify that a claim for extra cost may be warranted, to make modifications to the Work to avoid or minimize the extra cost, and/or to monitor the Contractor's performance of the work generating the extra cost. For those situations where the Engineer is not notified prior to the Contractor performing work which causes the claim, the amount of extra cost to which the Contractor is entitled shall not include costs which, in the Engineer's sole opinion, could reasonably have been avoided if the Contractor had notified the Engineer prior to proceeding with the Work.

The Contractor shall submit, in writing, claims for extra cost to the Engineer as soon as possible after the occurrence of the event(s) giving rise to the claim, but not more than thirty (30) calendar days thereafter. Claims shall include appropriate supporting documentation as specified in following paragraphs to justify the extra cost claimed. This documentation shall include, as a minimum: a description of the circumstances which generated the claim, prior notifications provided to the Engineer, and a detailed breakdown of costs incurred by the Contractor. In the event that this documentation cannot be assembled within thirty (30) calendar days or if the extra cost is ongoing, the Contractor shall submit, in writing, whatever partial information is available to keep the Engineer informed of the Contractor's progress. Extra costs incurred by the Contractor solely because of the particular means and methods which the Contractor chooses to perform the Work will not be considered. Claims submitted more than thirty (30) calendar days after the occurrence of the event(s) giving rise to the claim will not be considered.”

Delete the first, second and third paragraphs of Article 109.09 sub-paragraph (e) and replace them with the following:

“(e) Procedure. All claims and supporting documentation shall be submitted to the Engineer. The Engineer shall review each claim and advise the Owner of the Engineer's opinion of the relative merit of each claim and the dollar and/or time adjustment which the Engineer believes is warranted, if any. The Owner shall make a determination of the merit of each claim and the dollar and/or time adjustment, if any, which is appropriate for resolution of the claim. If Contractor is dissatisfied with the Owner's decision regarding merit, dollar adjustment, and/or time adjustment associated with a claim, the Contractor may request arbitration in accordance with the following:

- All claims, counter-claims, disputes and other matters in question between the Owner and the Contractor arising out of, or relating to this Agreement or the breach of it, will be decided by arbitration if the parties mutually agree, or in a court of competent jurisdiction within the State.
- Notice of the demand for arbitration shall be filed in writing with the other party to the Contract Documents and with the American Arbitration Association, and a copy shall be filed with the Engineer. Demand for arbitration shall in no event be made on any claim,

dispute or other matter in question which would be barred by the applicable statute of limitations.

- The Contractor will carry on the Work and maintain the progress schedule during any arbitration proceedings, unless otherwise mutually agreed in writing.”

SUBMITTALS

This section includes general requirements and procedures related to the Contractor's responsibilities for preparing and transmitting submittals to the Engineer to demonstrate that the performance of the Work will be in accordance with the Contract requirements. Submittals include schedules, Contractor's Drawings, calculations, samples, manuals, methods of construction, and record drawings. Other requirements for submittals are specified under applicable sections of the Standard Specifications.

SUBMITTAL REQUIREMENTS

Not later than three days after the pre-construction conference, submit in writing a list of submittals and a list of materials and equipment that will be purchased giving name, address and telephone number of supplier, manufacturer or processor. No material shall be incorporated into the Work until approval of the source has been given by Engineer. Delivery of materials to the Contract site prior to approval is made at the Contractor's risk and subject to immediate removal at no cost to the Owner, when it is determined that the source is not acceptable.

CONTRACTOR'S DRAWINGS AND OTHER SUBMITTALS

Contractor's drawings shall be neat in appearance, legible and explicit to enable proper review relative to Contract compliance. They shall be complete and detailed to show fabrication, assembly and installation details, catalog data, pamphlets, descriptive literature, and performance and test data. They shall be accompanied by calculations or other sufficient information to provide a comprehensive description of the structure, machine or system provided and its intended manner of use.

Contractor's Responsibility

Each Contractor's drawing submitted by the Contractor shall have affixed to it the following Certification Statement, signed by the Contractor:

"Certification Statement: By this submittal, I hereby represent that I have determined and verified all field measurements, field construction criteria, materials, dimensions, catalog numbers and similar data and I have checked and coordinated each item with other applicable approved drawings and all Contract requirements."

The review and approval of Contractor's drawings by the Engineer shall not relieve the Contractor from his responsibility with regard to the fulfillment of the terms of the Contract. All risks of error and omission are assumed by the Contractor, and the Engineer will have no responsibility therefore.

No portion of the Work requiring a Contractor's drawing shall be started nor shall any materials be fabricated, delivered to the site, or installed prior to the approval or qualified approval of such item. Fabrication performed, materials purchased or on-site construction accomplished which does not conform to approved Contractor's drawings and data shall be at the Contractor's risk. The Owner will not be liable for any expense or delay due to corrections or remedies required to accomplish conformity.

Contract Work, materials, fabrication, and installation shall conform with approved Contractor's drawings.

Identification

Data - All submittals for approval shall have the following identification data, as applicable, contained thereon or permanently adhered thereto.

1. Owner Contract Number.
2. Project name and location.
3. Submittal Numbers. Re-submittals shall bear original submittal number and be lettered.
4. Product identification.
5. Drawing title, drawing number, revision number, and date of drawing and revision.
6. Applicable Contract drawing numbers and specification section and paragraph numbers.
7. Subcontractor's, vendor's, and/or manufacturer's name, address and phone number.
8. Contractor's certification statement.

Catalog Data - Each submittal of catalog data shall have the identification required as hereinbefore stated.

1. Catalogs or brochures submitted in packages of multiple items for approval need the identification only on the exterior. In such instances the identification shall include page and catalog item numbers for items submitted for approval. If one or more of the items in such a submittal are not approved, re-submittal of only the unapproved items is required.
2. Catalog cuts containing various products, sizes and materials shall be highlighted to show particular items being submitted.

Space - Vacant space of approximately 3-1/2-inches high by 4-inches wide shall be provided adjacent to the identification data to receive the Engineer's status stamp.

Shop Drawings

Shop drawings shall show types, sizes, accessories, weights, layouts including plans, elevations and sectional views, component, assembly and installation details, and all other information required to illustrate how applicable portions of the Contract requirements will be fabricated and/or installed. Include manufacturer's certified performance curves, catalog cuts, pamphlets and descriptive literature, as required.

Working Drawings

Submit working drawings as required for changes, substitutions, contractor design items, and designed methods of construction. Requirements for working drawings will be listed in appropriate Specification Sections and/or in Special Provisions. Drawings shall be accompanied by calculations or other information to completely explain the structure, and describe its intended use. Working drawings and calculations as submitted shall be sealed,

dated and signed by a Professional Engineer, and/or Structural Engineer as appropriate, registered in the State of Illinois.

Review and approval of such drawings by the Engineer shall not relieve the Contractor from his responsibility with regard to the fulfillment of the terms of the Contract. All risks of error are assumed by the Contractor and the Engineer shall have no responsibility therefore.

Catalog Data

Submittals - 6 copies of catalog data are required for the original submittal and each subsequent re-submittal that may become necessary.

Manufacturer's equipment data shall be certified and shall include materials type, performance characteristics, voltage, phase, capacity, and similar data. Provide wiring diagrams when applicable. Indicate catalog, model and serial numbers representing specified equipment. Provide complete component information to verify all specified required items.

Data Identification - Each submittal shall have all pertinent data contained therein that are applicable to the item submitted for approval, adequately and prominently designated.

Approval Process

Original Submittal - Copies of catalog data specified in Item F and one reproducible sepia and six legible prints of all shop and working drawings shall be submitted to the Engineer for approval in accordance with the Contractor's drawings submission schedule, with all fabrication and installation requirements, allowing at least 30 calendar days for checking and appropriate action by the Engineer. Three copies of all Contractor's drawings will be returned.

Contractor's drawings will be returned, stamped with one of the following classifications:

APPROVED

No corrections, no marks.

APPROVED AS CORRECTED

Minor corrections are required as noted on the submittal. All items may be fabricated as marked without further resubmission. Resubmit corrected copy to the Engineer.

REVISE AND RESUBMIT

Make the necessary corrections and resubmit drawings as per original submission. Thirty (30) calendar days will be allowed for checking and appropriate action by the Engineer. Only one stamped drawing will be returned.

NOT APPROVED

Requires corrections or is otherwise not in accordance with the Contract Documents. Correct and resubmit drawings as per original submission. Thirty (30) calendar days will be allowed for checking and appropriate action by the Engineer. Only one stamped drawing will be returned. Incomplete submittals or submittals not in conformance with this Specification will not be reviewed, but will be returned to the Contractor as "not approved".

INFORMATION ONLY

Items not reviewed or items for which submittals are not required.

Review and approval of Contractor's drawings by the Engineer shall not relieve the Contractor in any way from his responsibility with regard to the fulfillment of the terms of the Contract. All risks of error are assumed by the Contractor and the Engineer shall have no responsibility therefore.

Excessive Reviews of Contractor Drawings and Other Submittals

The Owner's cost for Engineer's effort to review Contractor drawings or other submittals which have been returned two or more times stamped "REVISE AND RESUBMIT" or "NOT APPROVED" shall be borne by the Contractor at a rate of \$120.00 per labor hour for services provided in 2010. Upon completion of each subsequent review, the Engineer will provide the Contractor a summary total of hours expended in performing the review. Moneys due the Owner for Engineer's cost for third and additional reviews of Contractor drawings and other submittals will be deducted from the next regular payment due the Contractor. The cost for these services shall be deducted from the "Amount Earned to Date" from the next regular payment due the Contractor.

RECORD DRAWINGS

The Contractor shall keep one record copy of all Contract Documents, reference documents, and all submittals at the site in good order and annotated to show all revisions made during the construction process. Such annotations shall be kept updated on a single set of Contract Drawings and will be inspected monthly. Failure to maintain current record drawings will be cause to delay progress payments. Record drawings shall be available to the Engineer at all times during the life of the Contract.

All drawings and Contractor's submittals shall be made a part of the record drawings and shall include the following:

Contract Drawings - Contractor shall annotate or redraft, as required, to show all revisions, substitutions, variations, omissions and discrepancies made or discovered during construction concerning location and depth of utilities, piping, duct banks, conduits, manholes, pumps, valves, vaults and other equipment. Revisions shall be made and shown on all drawing views with actual dimensions established to permanent points.

Contractor's Drawings - Same as above. Include, for example, piping layouts; and duct layouts. Sections and details shall be added as required, for clarity. Prior to preliminary inspection, furnish a reproducible of the record drawings. At the completion of the Contract and before final payment is made, furnish the Engineer one set of reproducible of the finally approved record drawings reflecting all revisions herein described.

The Contractor shall keep a complete to-date record of the actual construction of all work called for under the Plans and Specifications of this contract and as ordered by the Engineer.

Upon completion of this contract, the Contractor shall furnish to the Engineer record contract plan drawings where changes from the original plans have occurred.

The Engineer will make available to the Contractor one set of full size prints of the original contract drawings on which the Contractor shall make the necessary changes to indicate the

major changes. The changes shall be made with opaque Higgins carmine red ink, or approved equal, using standard drafting procedures.

Record drawings on Mylar will be prepared by the Engineer based on the changes indicated by the Contractor. All record drawings on Mylar for this contract shall be signed by the Contractor certifying to its major corrections.

PAYMENT

No separate payment will be made for the work in this section; all the costs of such work shall be considered incidental to the items of work to which they pertain.

SAW CUTS

The Contractor shall full-depth saw cut for the removal of existing curb, sidewalk, all structure work, and for all pavement patches. The concrete saw shall be equipped with a diamond blade of sufficient size to saw pavements full-depth and be capable of accurately maintaining cutting depth. All saw cuts shall be parallel or perpendicular to the curb & gutter, edge of sidewalk, or the edge of pavement, with straight, clean, edges, to the satisfaction of the ENGINEER. This item shall be included with curb & gutter, sidewalk, structure work, and pavement removal. The slurry resulting from the saw cutting work shall be immediately washed away using water to prevent tracking by vehicles or pedestrians to the satisfaction of the ENGINEER.

When removing pavement, curb and gutter, shoulder, and/or any other structures, the use of any type of concrete breakers which might damage the underground public or private utilities or property will not be permitted. Pavement openings must be initiated with hydraulic impact/air hammers and the use of excavator buckets to strike and break pavement is strictly prohibited and will result in an immediate deficiency deduction.

Saw cuts for all work will not be measured for payment and shall be considered as included in the related contract pay item. No separate payment will be made for saw cuts.

If additional surface is damaged or removed due to negligence on the part of the Contractor, the additional work will not be measured for payment but shall be done at the Contractor's expense. It is Contractor's responsibility to determine the thickness of the existing pavement and whether or not it contains reinforcement.

CLEARING, TREE REMOVAL AND PROTECTION, CARE AND REPAIR OF EXISTING PLANT MATERIALS

Add the following paragraphs to Article 201.01:

"Trees and shrubs recommended for removal for performance of the Work are so designated on the Drawings, or agreed to with the Property Owner only for those locations requiring full replacement of their lead water service. It is not anticipated that any other trees or shrubs will need to be removed for performance of the Work. Should the Contractor recommend removing additional trees or shrubs, the Contractor shall notify the Owner for approval prior to removing any trees or shrubs and seek a tree removal permit per City code. To receive permission for removal of trees or shrubs, the Contractor must demonstrate that there is no other practicable way to complete the Work, including augering or hand-excavation. Contractor shall work with the Engineer to seek a tree preservation permit or review for any excavation that will occur within 25 feet of any public or private tree. Permit fees are waived. Trees removed on either public or private property shall be replaced one tree 2 inches in diameter, with a species approved by the City arborist, and shall be paid for using the LANDSCAPING ALLOWANCE.

Owner recognizes that some tree branches will need to be pruned to provide clearance for construction equipment. However, the Contractor shall secure the express permission of the City Arborist to trim specific overhanging branches of trees. All tree trimming, pruning, and repair of wound surfaces shall be performed by a licensed arborist approved by the Owner and will be within standards generally recognized as best practice by industry professionals. The Owner will provide appropriate staff to observe tree trimming operations. The Contractor shall provide at least 72-hour notice to the Owner of trimming operations. No trimming shall be done unless Owner's staff is available to observe trimming. Trimming shall be performed to the satisfaction of Owner's staff. The Contractor shall provide proper tree guards to protect trees from damage due to construction equipment and operations.

Trees and shrubs damaged due to construction operations or removed without approval shall be replaced, at Contractor's expense, with trees or shrubs of like species and size, to a maximum trunk size of 2-inches diameter as directed by the City Arborist. If trees larger than 6-inches diameter are irreparably damaged or destroyed, the Contractor shall replace these trees with trees 2-inches in diameter, and with a species chosen by the City Arborist. Contractor may be subject to additional mitigation and/or fees and penalties, per City code. Tree trimming, pruning, repair of wound surfaces, removal of trees and shrubs requested by Contractor, replacement of trees and shrubs irreparably damaged, and mitigation costs and/or penalties for damage, shall be incidental to the items of work to which they pertain."

Parkway and Private Tree Protection

Prospective contractors are advised that it is the express intent of the City of Evanston to minimize trimming of and other impacts to trees in the work corridors and to vigorously protect the health and quality of the urban forest on both public and private property. The equipment and methods used to perform any and all portions of the work must be the size and nature that results in the least disruption to the existing environment. The City of Evanston reserves the right to limit the size of the equipment used on the project.

The Contractor shall at all times demonstrate to the satisfaction of the City of Evanston that suitable precautions and due diligence are being observed to protect the natural and improved features of the area. Special and continuing attention will be paid to the maintenance of tree protection fencing and the appropriate observance of tree protection areas as delineated by the fencing.

To ensure compliance with the City of Evanston's intent to minimize area disturbances, the following procedures and actions will be followed: When the City arborist determines that a tree is improperly protected, the Contractor shall be notified. If the contractor fails to rectify the deficiency immediately, the Engineer will impose a daily monetary deduction for each 24-hour period (or portion thereof) the deficiency exists. This time period will begin with the time of notification to the Contractor and end with the Engineer's acceptance of the corrections. The cost of the daily deduction will be \$250 per occurrence per calendar day. In addition, the Contractor will be liable and responsible for any and all corrective and remedial actions required to restore the area or item to comparable pre-project conditions as well as any additional fines and fees as stated in the tree protection requirements in these specifications, including a potential penalty of \$500 per occurrence per calendar day.

Care of Existing Plant Material. If construction is planned within the critical root zone of existing plant material, root pruning and plant care will be required, as hereinafter specified. All pruning shall be performed by a certified arborist approved by the City and with appropriate qualifications.

The Contractor shall be responsible for taking measures to minimize damage to any part of any public and private trees, including limbs, trunks, and roots at each work site. All such measures shall be included in the contract price for other works except that payment will be made for Temporary Fence and Earth Saw Cut of Tree Roots as separate pay items.

A. Earth Saw Cut of Tree Roots (Tree Root Pruning):

1. Whenever the proposed excavation falls within the drip-line of a tree, the contractor shall:
 - a. Root prune 6-inches behind and parallel to the proposed edge of trench a neat, clean vertical cut to a minimum depth directed by the City Arborist through all the affected tree roots.
 - b. Root prune to a maximum width of 4 inches using a “Vermeer” wheel matching the following criteria. The root pruner wheel shall be 60” diameter (188” circumference) carrying 28 pair (56 total) stump cutter teeth with tooth spacing at 6.7” on center. The cutting depth shall be 24” and shall utilize a 65hp tractor. Trenching machines will not be permitted.
 - c. Exercise care not to cut any existing utilities.
 - d. If during construction it becomes evident that additional tree roots will require root pruning, the City Arborist and the Contractor shall have the root pruning subcontractor return to the site to properly root prune the tree at the location directed by the City Arborist. The contractor will be paid for the additional root pruning as described below; however, no additional compensation will be made for remobilization to the construction site.
 - e. For locations where root pruning is performed for the purpose of curb and gutter removal and replacement, the contractor shall root prune 6-inches behind the curbing so as to neatly cut the tree roots.
 - f. Depth of cut shall be 12 inches for curb removal and replacement and 24 inches for structural work. Any roots encountered at a greater depth shall be neatly saw-cut at no additional cost.
 - g. The Engineer or City Arborist will mark locations where earth saw cutting of tree roots is required in the field.
2. All root pruning cuts shall be immediately backfilled with material side cast from the earth-sawing procedure, so that the ground surface is even and no tripping potential exists.
3. All root pruning work is to be performed through the services of a certified arborist approved by the City Arborist.

TREE ROOT PRUNING shall be used to protect trees on on both public and private property within 25 feet of any excavation within the project limits or as directed by the City arborist and the Engineer, and is dependent on the size, location, and species of each tree. This work will be paid for at the Contract unit price per FOOT for TREE ROOT PRUNING measured in place.

The Contract unit price per FOOT for TREE ROOT PRUNING shall be payment in full for all materials, labor and equipment required for: tree root pruning as shown on plan details; and all related work which is not included under other Payment Items.

B. Temporary Fence:

1. The Contractor shall erect a temporary fence around all trees within the construction area to establish a "tree protection zone", as established by City arborist, before any work begins or any material is delivered to the jobsite. No work is to be performed (other than root pruning), materials stored, or vehicles driven or parked within the "tree protection zone" at any time during the course of construction.
2. The exact location and establishment of the "tree protection zone" fence shall be approved by the City Arborist prior to setting the fence. The fence shall be 48 inches high, plastic poly-type or any other type of highly visible barrier in an open-weave type pattern with large openings. The type, color and pattern of the fence shall be approved by the Engineer prior to erection. This fence shall be properly maintained in an upright manner and shall remain up until final restoration, unless the Engineer directs removal otherwise. Tree fence shall be supported using T-Post style fence posts with a maximum of 8' spacing. T-posts must be at least six feet in length, two feet of which must be set in the ground. The fence shall be attached to posts and secured with a minimum of three nylon locking ties per post. Utilizing re-bar as a fence post will not be permitted.
3. The fence shall be installed 18" behind and parallel to the curb and between the curb and sidewalk. Fence shall be erected on a minimum of three sides with the fourth sidewalk side being optional. Fence shall be installed at the tree protection zone of the tree or at a minimum of 8 feet from the center of the tree.
4. Parking or maneuvering of machinery, stockpiling of materials or any other use will not be allowed upon unpaved areas within 10 feet of the trunk of trees designated to be protected.
5. Construction area is defined as all areas within 10 feet of any excavation.
6. All work within the "tree protection zone" shall have prior approval of the City Arborist. All slopes and other areas not re-graded should be avoided so that unnecessary damage is not done to the existing turf, tree root system, or ground cover.
7. The grade within the "tree protection zone" shall not be changed unless approved by the Engineer prior to making said changes or performing the work.
8. U-shaped, non-uniform, or other fencing around multiple trees is permitted and encouraged as approved by the City arborist or Engineer.
9. If excavation is within 5 feet of the trunk of the tree such that protection fencing is not possible, Contractor shall protect the trunk using boards, as detailed below.

TEMPORARY FENCE shall be used to protect all trees within the public right-of-way of the project limits or as directed by the Engineer. This work will be paid for at the Contract unit price per FOOT for TEMPORARY FENCE measured in place.

The Contract unit price per FOOT for TEMPORARY FENCE shall be payment in full for all

materials, labor and equipment required for: providing snow fence as shown on plan details; and all related work which is not included under other Payment Items.

When improvements are required within the “tree protection zone”, tree trunk protection will be required.

C. Tree Trunk Protection:

The Contractor shall provide 2 in. by 8 in. by 8 ft. boards banded continuously around each trunk to prevent scarring of trees shown on the plans or designated by the Engineer. For multi-stem trees, saplings, and shrubs to be protected within the area of construction, temporary fencing may be used for trunk protection

TREE PROTECTION shall be used to protect all trees within the public right-of-way of the project limits or as directed by the Engineer. This work will be paid for at the Contract unit price per EACH for TREE PROTECTION measured in place.

The Contract unit price per EACH for TREE PROTECTION shall be payment in full for all materials, labor and equipment required for: installation of trunk boards in accordance with Supplemental Standard Specifications; and all related work which is not included under other Payment Items.

D. Tree Pruning:

Tree pruning shall consist of pruning branches to protect the health of the tree, protect the canopy from damage, maintain the structural integrity of the tree, to ensure public safety, and to preserve the aesthetic qualities of the urban forest, or as directed by the City arborist of Engineer. All pruning shall be done according to the current ANSI A300 (part 1) pruning standard. Trees selected for pruning will be cleaned of dead, diseased, or broken branches, thinned appropriately to reduce density of branches, raised to provide vertical clearance for pedestrian and vehicular traffic, and if warranted by species tolerance and specimen needs limbs will be reduced to promote a central leader and good structure. Pruning to provide clearance over the street will be allowed up to 14 feet above the pavement. If additional clearance is needed a request in writing shall be submitted to the City Arborist. All branch pruning to American elm and oak trees will be done between when the trees are dormant. Dormancy is generally between November and March, but will vary by year and will be defined the City arborist.

Under pruning to provide clearance over the street will be allowed up to 14 feet above the pavement. If additional clearance is needed a request in writing shall be submitted to the City Arborist.

TREE PRUNING will be paid for at the contract unit price per EACH for TREE PRUNING, which price shall include under pruning branches to provide clearance over the street, to protect the health of the tree, protect the canopy from damage, maintain the structural integrity of the tree, to ensure public safety, and to preserve the aesthetic qualities of the urban forest,.

E. Exploration Trench by Tree:

Where water services are located in close proximity to a tree, the City’s Public Services Bureau may request that the contractor hand-dig or use an air-spade (or similarly approved method) to open an exploration trench to expose a tree’s roots prior to any excavation. Exploration

trenches ordered by Public Services will be measured for payment per EACH for actual trenches excavated and backfilled to the depth specified. The City arborist will assess the site when the exploration trench is complete to determine how root pruning will proceed to complete the project work. This work will be paid for at the Contract unit price per EACH for EXPLORATION TRENCH BY TREE (UP TO 2 FEET DEEP).

Each unit of exploration trenches shall be 1 foot wide and 5 feet in length. The Public Services Bureau will determine the locations needed. These Contract unit prices shall be payment in full for all labor, materials, and equipment required for: pavement saw-cutting, removal, and disposal; trench excavation and disposal; protection of existing utilities and repair of damage to existing utilities.

Where water services are located in close proximity to any public or private tree, and large roots are cut, the City's Public Services Bureau may request that the Contractor perform plant health care, including growth inhibitors, soil amendments, and/or other treatments. These treatments shall be prescribed by a certified arborist and follow standards generally recognized as best practice by industry professionals. PLANT HEALTH CARE BY TREE to be paid for using the LANDSCAPING ALLOWANCE as directed by the Engineer.

DISPOSAL OF EXCAVATED MATERIAL

This work shall consist of meeting IEPA requirements for the disposal of excavated material including, but not limited to, clean construction or demolition debris (CCDD), uncontaminated soil, and/or contaminated soil. Excavated materials must be removed from the site by the end of each day.

The Contractor will be responsible to provide CCDD and soil fill site operators with all testing information and fees as required by the IEPA and fill site operators.

According to the environmental testing performed, soil within the project limits may contain contaminants of concern:

TRENCH BACKFILL

Add the following paragraphs to Article 208.02:

Water Main

Bedding (4" below bottom of pipe to spring line) – Coarse Aggregate

Trench backfill (spring line to bottom of pavement) – Fine Aggregate

Rigid Sewer

Bedding (4" below bottom of pipe to spring line) - Coarse Aggregate

Trench Backfill (spring line to bottom of pavement) – Fine Aggregate

Flexible Sewer

Bedding (4" below bottom of pipe to 12" above top of pipe) - Coarse Aggregate

Trench Backfill (spring line to bottom of pavement) – Fine Aggregate

Fine aggregate shall consist of sand (natural) gradation FA 6. Stone sand, chats, wet bottom boiler slag, slag sand, granulated slag sand, or crushed concrete sand will NOT be allowed.

Coarse aggregate shall be crushed gravel or crushed stone gradation CA-7, CA-11 or CA-13. Gravel, crushed concrete, crushed slag, chats, crushed sandstone, or wet bottom boiler slag will

NOT be allowed.

Case I - Trench Backfill in Paved Areas. Case I applies to excavation in any area which has or which is proposed to have a permanent type street, sidewalk, curb and gutter, bituminous paved parking lot, or is within 2 feet of a paved surface. Trench backfilling shall be performed in accordance with Article 550.07 modified herein. Where backfilling a trench containing a single longitudinal pipe, the Contractor shall use fine aggregate gradation FA-6 sand (natural). Where backfilling a trench containing multiple longitudinal pipes (common trench), the Contractor shall use coarse aggregate gradation CA-7, CA-11, or CA-13 crushed gravel or crushed stone from 4-inches below the bottom of the lowest pipe to 12-inches above the crown of the highest pipe and fine aggregate gradation FA-6 sand (natural) from 12-inches above the crown of the highest pipe to the pavement sub-grade. Granular trench backfill shall be compacted to a minimum of 95% Standard Proctor Density as per ASTM-D698. Where native subsoils excavated from trenches meet the gradation, quality, and other requirements of Article 1003.04, this material shall be used to backfill trenches in lieu of new FA-6 material.

Use of native soil for backfill shall be incidental to the cost of the sewer or water main installation and no separate payment shall be made. Use of native soils for backfill that has been transported between different locations on this project shall be incidental to the cost of the sewer or water main installation unless otherwise approved in advance by the Engineer.

Trenches shall be backfilled with FA-6 sand (natural) granular material or native subsoils meeting FA-6/quality requirements up to the proposed bottom of the pavement structure within the standard trench width. The remainder of the trench shall be backfilled as soon as possible with full-depth temporary aggregate. The temporary aggregate shall be coarse aggregate and shall consist of gravel, crushed gravel, crushed stone, or crushed concrete. Crushed slag and grindings from PCC or HMA surface removal operations will NOT be allowed.

When specified by the Engineer, the top of the trench shall also receive temporary asphalt surfacing consisting of 3-inches of compacted hot-mix asphalt with a steel drum roller over the temporary aggregate. The temporary aggregate shall be re-graded and compacted as necessary to permit the surface of the temporary asphalt to be flush with existing hard-surface pavements. Temporary asphalt shall be placed and compacted with a steel drum roller as soon as practical after backfilling the trench and placing the aggregate surface course.

The Contractor shall maintain temporary aggregate and temporary asphalt surfaces free from, ruts, potholes or other displacements and provide means for dust control until such time as the permanent pavement is placed. Should settlement occur, the Contractor shall furnish and install additional temporary paving material to maintain the surface at street grade. Maintenance of temporary paving shall be incidental to the initial paving operation and no separate payment shall be made.

Delete Article 208.04 and replace it with the following:

Trench backfill fine aggregate material will be paid for at the contract unit price per CUBIC YARD for TRENCH BACKFILL furnished and placed between the top of bedding (at spring line) and the bottom of the pavement structure within the standard trench widths as shown on the plans. The contract unit price for TRENCH BACKFILL shall be payment in full for all materials, labor, equipment, transportation and related work required to furnish Case I FA-6 sand (natural). No payment will be made for the hauling, compaction, placement, and testing of accepted native soils used as trench backfill.

TRENCH BACKFILL required for filling outside the standard trench widths shown on the plans shall be incidental to storm sewer, water main, relief sewer or combined sewer construction contract items and no separate payment shall be made.

Trench backfill coarse aggregate material will be paid for at the contract unit price per TON for POROUS GRANULAR BACKFILL furnished and placed between the trench subgrade and the pipe spring line for rigid pipe and to 12" above the top of pipe for flexible pipe.

Temporary aggregate will be paid for at the contract unit price per TON for AGGREGATE FOR TEMPORARY ACCESS installed as specified in Section 402, as modified herein, and as directed by and to the satisfaction of the Engineer. Removal and disposal of temporary aggregate will not be paid for separately but shall be considered as included in the contract.

Temporary HMA surface will be paid for at the contract unit price per TON for TEMPORARY HOT-MIX ASPHALT. Removal and disposal of temporary asphalt will not be paid for separately but shall be considered as included in the contract. With approval from the Engineer, there may be times when temporary cold mix asphalt will be allowed which will be paid for at the contract unit price per TON for TEMPORARY COLD-MIX ASPHALT.

TOPSOIL FURNISH AND PLACE

Add the following paragraph to Article 211.04:

Topsoil shall be pulverized.

Revise Article 211.07 of the Standard Specifications to read:

Topsoil furnish and place shall be that material obtained from outside the right-of-way or private property of those locations impacted by the Contract Documents and will be measured for payment by truck load material delivery ticket displaying volume in cubic yards.

Revise Article 211.08 of the Standard Specifications to read:

This work will be paid for at the contract unit price per cubic yard for TOPSOIL FURNISH AND PLACE.

EXPLORATION TRENCHES

Delete Section 213 in its entirety and replace it with the following:

SECTION 213. EXPLORATION TRENCH

213.01 Description. The Contractor shall excavate exploration trenches as directed and approved by the Engineer to confirm the locations and/or sizes of existing water and sewer utilities. Exploration trenches shall be excavated using methods minimizing possible damage to the utilities. Following completion, trenches shall be backfilled in accordance with Section 208 and temporary paving provided as necessary to the satisfaction of the Engineer. Exploration trenches dug by the Contractor for his own purposes shall be incidental to construction and no separate payment shall be made.

213.02 Utilities Encountered. If, during the exploratory excavation process, utilities are uncovered which cause interference with the Work, the Contractor shall stop all affected work and immediately notify the Engineer.

213.03 Trenches Requested by Engineer. The Engineer may also request that the Contractor excavate exploration trenches in the Project area."

Exploration trenches ordered by the Engineer will be measured for payment per EACH for actual trenches excavated and backfilled to the depth specified. This work will be paid for at the Contract unit price per EACH for EXPLORATION TRENCH (UP TO 8 FEET DEEP).

Each unit of exploration trenches shall be up to 5 feet in length. These Contract unit prices shall be payment in full for all labor, materials, and equipment required for: pavement saw-cutting, removal, and disposal; trench excavation and disposal; protection of existing utilities and repair of damage to existing utilities.

Temporary pavement, permanent pavement patching, and any other necessary restoration will be paid for separately.

SODDING

Add the following paragraph to Article 252.01:

“All grassed areas disturbed by Contractor’s operations shall be restored by sodding. To be acceptable, the sod shall be in a live, healthy condition and be knitted to the soil. Sod shall be growing in place for forty-five (45) calendar days prior to measurement. Only living sod that is acceptable will be measured for payment.”

Add the following paragraph to Article 252.02:

“On major roadways (arterial streets, main streets, State and County routes, etc.) sod for public parkway areas and other areas within 25 feet of public roadways shall be salt-tolerant. The sod for most residential streets does not have to be salt-tolerant, at the Engineer’s discretion. Sod for other areas shall be native sod matching the species, color, and texture of adjoining grass areas as approved by the Engineer.”

Add the following to Article 252.03:

“Sod bed preparation shall include the placement of top soil, including excavating and grading the areas to be sodded to a depth of at least 3-inches below a line connecting the top of the curb and the top of the sidewalk, disposing of the material removed and placing pulverized topsoil on the space so prepared, raked and ready for sodding. The topsoil shall be free from quack grass and weeds and shall be approved by the Engineer before placing. One rolling of the entire surface of the soil shall be made. Existing sidewalks, curbs and trees, and the like, which are not to be removed, shall be protected from damage during the placement of topsoil.”

Add the following paragraph to Article 252.04:

“The Contractor is encouraged to refrain from placing sod during the months of July and August, when possible within the required construction schedule. No sod may be placed between November 1 and March 1 unless approved by the Engineer. Regardless of the time of placement and subsequent climatic conditions, the Contractor shall water sod sufficiently to maintain it in a healthy condition until accepted by the Owner. Sod shall be in a moist condition at the time of cutting and shall be kept in a moist condition until it is placed. Sod cut less than 24 hours before placement is preferred. Sod cut more than 48 hours before placement shall not be used.”

Add the following to Article 252.06:

“The placement of sodding shall consist of preparing the ground surface and furnishing, transporting, and placing sod and fertilizer required in the sodding operations. Fertilizer having an analysis of 10-6-4 or having a different analysis but still meeting the 5-3-2 ratio requirements, shall be applied at such a rate that each acre to be sodded shall receive a total of 160 pounds of the three nutrients specified in Article 1081.08. The fertilizer nutrient will not be paid separately

but shall be incidental to the cost of sod placement.”

Delete the first paragraph of Article 252.08 and replace it with the following paragraphs:

“Within eight hours after sod has been placed five gallons of water per square yard shall be applied and the entire surface of sod rolled. Thereafter, on days designated by the Engineer, additional water shall be applied to sodded areas at the rate of three gallons per square yard. The number of additional applications shall not exceed ten and these applications will be required within a forty-five (45) calendar day growing period after the sod has been placed. The cost of this watering program shall be incidental to the cost of sodding.

The Contractor shall perform additional watering to maintain sod in a healthy condition. The cost of additional watering shall be incidental to the cost of sodding. Any sodding that does not survive will be replaced by the Contractor at his own expense.”

Delete Article 252.13 and replace it with the following paragraphs:

This work will be paid for at the Contract unit price per SQUARE YARD for SODDING, measured in place for the quantity actually installed within the pay limits shown on the plans, as hereinafter specified, or as directed by Engineer.

Grassed areas to be restored by SODDING include parkways and all other turf areas which have been disturbed by construction activities.

The Pay limits for grassed areas to be restored by SODDING shall be up to 3-foot of parkway adjacent to curbs, driveways, sidewalks and alley approaches installed as part of this Project; up to 10-feet (to a maximum of 5-feet each side of utility centerline, as required) of parkway disturbed for crossing utility construction; and, up to 16 feet (to a maximum of 8-feet each side of utility centerline, as required) of the parkway for longitudinal utility construction. The Contract unit price for SODDING shall be payment in full for all materials, labor and equipment required for: site preparation; disposal of surplus materials; fertilizers; furnishing, transporting and placing sod; stakes; all watering; mowing; replacement of sod which fails to survive through the establishment period; and all related work required to complete the installation which is not included under other Payment Items.

Sodding outside the limits shown on the plan or specified due to damage caused by Contractor's operations or for Contractor's purposes shall be considered incidental to the contract and no separate payment shall be made.

Preparation of areas to be sodded, rotor tilling and removal/disposal of existing grass, dirt, and debris, will not be measured or paid for separately but shall be considered as included in this pay item.

SUBBASE GRANULAR MATERIAL, TYPE B

Add the following paragraphs to Article 311.02:

“The Contractor shall furnish and place 4 inches or greater coarse aggregate conforming to Article 1004.04 and Article 311.05 (Type B) with a gradation number of CA-6 for use as the base course for all driveways, curb and gutter, as shown on the plans and as directed by the Engineer (aggregate base course for pavement patching is incidental to the patching pay item).

The coarse aggregate shall be gravel, crushed gravel, crushed stone, or crushed concrete. Crushed slag and grindings from PCC or HMA surface removal operations will NOT be allowed.

For existing driveways the existing base materials may be suitable for reuse as determined by the Engineer. Base course shall be placed on the prepared sub-grade. Temporary aggregate suitable for reuse as granular subbase will not be paid for separately as Subbase Granular Material, Type B.”

Delete Article 311.09 and replace it with the following paragraphs:

“This work will be paid for at the Contract unit price per TON for SUBBASE GRANULAR MATERIAL, TYPE B, or at the Contract unit price per SQ YD for of the thickness specified for BASE COURSE, CA-6.

The Contract unit price for SUBBASE GRANULAR MATERIAL, TYPE B, and BASE COURSE, CA-6 shall be payment in full for all materials, labor and equipment required for: site preparation, including final grading of trench backfill material; supply, initial placement, compaction and compaction testing of the aggregate base course; and, all related work to complete the installation which is not included under other Payment Items.

The payment shall be limited to the actual amount of SUBBASE GRANULAR MATERIAL, TYPE B, installed within the horizontal and vertical payment limits shown on the plans or specified for curb/gutter, driveways, and at other locations as directed by Engineer (aggregate base course is incidental to all patching and sidewalk pay items unless otherwise noted on the plans).”

INCIDENTAL HOT-MIX ASPHALT SURFACING

This work shall consist of the preparation of the base, the application of bituminous priming material and the construction of the Hot-Mix Asphalt surface for driveway pavements.

The Hot-Mix Asphalt for the Incidental Hot-Mix Asphalt surface shall meet the requirements of Section 406 of the Standard Specifications for Road and Bridge Construction. Areas where the Incidental Hot-Mix Asphalt surfacing will be placed shall have the base primed. The rate of application of prime will be as specified in Article 406.05.

The Hot-Mix Asphalt mixture may be spread and finished by approved hand methods or a finishing machine approved by the Engineer.

The Hot-Mix Asphalt mixture shall be rolled and compacted to the satisfaction of the Engineer with tandem roller meeting the requirements of Article 1101.01 of the Standard Specifications for Road and Bridge Construction.

This work will be paid for at the contract unit price per ton for "INCIDENTAL HOT-MIX ASPHALT SURFACING", which price shall include all labor, materials and equipment necessary to complete the work. Saw cutting and HMA surface removal will not be paid for separately but shall be considered as included in the contract unit price for incidental HMA surfacing.

The cost of Bituminous Materials (Tack Coat) will not be paid for separately but shall be incidental to the unit price per ton for INCIDENTAL HOT-MIX ASPHALT SURFACING.

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT

Add the following paragraphs to Article 423.02:

“Materials: - Materials for concrete shall be in accordance with Section 420 as applicable. Class

SI concrete shall be used. Forms shall be a minimum of 2" x 8" lumber or its approved equal, held in place by stakes or braces with the top edges true to line and grade. The aggregate base course shall be four (4") inches thick of crushed limestone gradation CA-6 constructed in accordance with Section 351 of the Standard Specifications. The driveway pavement shall be six (6") inches or eight (8") inches thick. Three-quarter (3/4") inch thick expansion joint material shall be placed between the curb and the full width of the proposed driveway. Contraction joints shall be provided.

Curing and Protection: Curing shall be in accordance with Article 1022.01. Curing compound shall be Type III. Protect all surfaces from sun. During hot weather, keep temperature of concrete below 90 degrees Fahrenheit. During cold weather, keep temperature of concrete between 50 degrees F and 70 degrees F for 3 to 5 days. Protect from frost and rapid drying for 6 days. The Contractor shall be solely responsible for protecting his work from vandalism. All vandalized concrete work shall be removed and replaced at the Contractor's expense."

Delete Article 423.11 and replace it with the following paragraphs:

This work will be paid for at the Contract unit price per SQUARE YARD for PORTLAND CEMENT CONCRETE (PCC) DRIVEWAY PAVEMENT, of the thickness specified, measured in place. Payment shall be made for the quantity of pavement actually installed within the pay limits shown on the Drawings or as directed by Engineer.

The Contract unit price for PCC DRIVEWAY PAVEMENT shall be payment in full for all materials, labor, and equipment required for: final grading of aggregate base course; reinforcement, if required; pavement placement, curing, and protective coating; and all related work required to complete the installation which is not included under other Payment Items.

PCC DRIVEWAY PAVEMENT installation outside the limits shown on the Drawings due to damage caused by Contractor's operations or for Contractor's purposes shall be considered incidental to this work and no separate payment shall be made.

PORTLAND CEMENT CONCRETE SIDEWALK

Add the following sentences to Article 424.01:

"The Work shall also include adjustments to surface elements such as buffalo boxes, valve covers, manhole covers, vault covers, etc. to final grades."

Add the following sentences to Article 424.02:

"Curing shall be in accordance with Article 1022.01. Curing compound shall be Type III. Protect all surfaces from sun. During hot weather, keep temperature of concrete below 90 degrees Fahrenheit. During cold weather, keep temperature of concrete between 50 degrees F and 70 degrees F for 3 to 5 days. Protect from frost and rapid drying for 6 days."

Add the following sentences to Article 424.04:

"The Aggregate Base Course required for necessary grading will not be paid for separately and constructed in accordance with section 351 of the Standard Specifications."

Add the following paragraphs to Article 424.06:

"Concrete placement will be permitted if air temperature is 40 degrees Fahrenheit or higher. Concrete pours shall be ended at expansion or control joints. Partial slabs shall not be allowed. The surface shall be divided by control joints extending to the depth of the slab. Control joints shall be tooled first, saw-cut to proper depth and shall be spaced at 5-foot or other uniform intervals as directed by the Engineer. All edges and intermediate joints of sidewalks shall be

shaped with an edging tool having a ½ inch radius. Surfaces of sidewalks shall have a light broom finish, except handicapped ramps at intersections, which shall be finished as shown on the Drawings.

All sidewalk removed shall be formed within 3 working days of removal. New sidewalk shall be poured within 1 working day of being formed. The forms shall be removed within 1 working day after the concrete pour and the restoration adjacent to new sidewalk shall be done with 24 hours after removal of the forms. All low areas shall be filled in to match the surrounding grades within 72 hours of the sidewalk being poured.

The Contractor shall be solely responsible for protecting his work from vandalism. All vandalized concrete work shall be removed and replaced at the Contractor's expense”

Add the following paragraphs to Article 424.09:

“The product used for detectable warnings shall be Prefabricated Detectable Warning Panels (Red Brick), fabricated from galvanized steel, 10-gauge thickness, suitable for wet-set or surface-applied installation, and shall be provided by a manufacturer approved by the Illinois Department of Transportation. A list of approved manufacturers of galvanized steel detectable warning tiles is available through the Illinois Department of Transportation’s Bureau of Design and Environment manuals and approved products lists.

The galvanized steel detectable warning panels shall be of uniform quality, free from surface defects, and shall be provided with the specified finish as directed by the Engineer.”

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

Add the following sentence to Article 440.01:

“Cold milling will not be allowed prior to the completion of the installation of relief sewers, combined sewers, storm sewers, or water mains.”

Revise the first sentence of Article 440.04 of the Standard Specifications to read:

The existing HMA surface and underlying HMA base, PCC base, brick base, or aggregate base shall be removed to varying depths (nominal depth of 3”) as specified on the plans and/or as directed by the Engineer with a self-propelled milling machine.

Add the following to Article 440.04:

“HMA Surface Removal, Variable Depth shall include any additional passes of the milling machine required to remove an existing quarter crown and establish the proposed pavement cross slope as shown on the plans. These operations shall be considered incidental to the work, and no separate payment shall be made.”

Delete Article 440.08 and replace it with the following paragraphs:

“This work will be paid for at the Contract unit price per SQUARE YARD for HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH outside of the standard trench width, but within the payment limits for full-width street resurfacing shown on the plans and/or as directed by the Engineer.

The Contract unit price for HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH shall be payment in full for all materials, labor, and equipment required for: planning of pavement; loading and disposal of milled pavement and aggregate cuttings; sweeping of the planed surface of fines and dust; and related work required. Measurement for cold milling shall

be based on actual pavement area milled, but shall not include the trench portion if the pipe trench is located in the milling area.

Cold milling outside the pay limits specified to repair damage caused by Contractor's operations or which have been removed/replaced for Contractor's purposes shall be considered incidental to the work and no separate payment shall be made."

PAVEMENT PATCHING

Add the following paragraph to Article 442.01:

"Class B patches shall conform to Section 353-Portland Cement Concrete Base Course and Class D patches shall conform to Section 355 – Hot-Mix Asphalt (HMA) Base Course. Existing pavement is to be removed and replaced in accordance with the Drawings. The quantification sub-types: I, II, III, and IV, shall not apply."

Add the following paragraph to Article 442.04:

"Roadway restoration activities, except installation of final HMA surface course, shall be carried out such that no more than 1,000 lineal feet of permanent roadway is removed at any one time for each open-cut pipe installation operation; no more than 1,000 feet of permanent roadway is removed per active mainline sewer or water main installation crew; and, such that the period that the permanent roadway removed at any location does not exceed thirty (30) calendar days, without the approval of the Engineer. In no case, however, shall the total length of permanent roadway removed exceed 2,500 lineal feet regardless of the number of open-cut sewer or water main construction operations (active mainline crews) underway.

Installation of final HMA surface shall be completed not later than thirty (30) calendar days after patch/base course installation. All streets, roads, alleys, and drives disturbed in any construction year shall be fully resurfaced and restored, including surface course, by December 1 of that construction year in accordance with Article 108.02 of the Standard Specifications."

Add the following sentences to the first paragraph of Article 442.05:

"The Contractor shall saw-cut existing pavements to full depth, along the line of the maximum allowable trench width as showing on the Drawings. All excavated material including paving bricks shall be properly disposed of off-site. No drop hammer and/or guillotine-type concrete breakers/cutters shall be utilized for pavement removal. No earth saw shall be utilized to saw-cut pavement."

Add the following sub-paragraph to Article 442.06 Paragraph (a) Subparagraph (2):

"On streets having a concrete base and HMA overlay, PCC concrete base patches will be 2 inches below existing pavement surface."

Add the following to Article 442.08 - Class D Patching:

"(e) Hot-Mix Asphalt Mixture for Patching Potholes (Temporary Hot Mix and Cold Mix). This work shall consist of the removal of loose and broken pavement and the construction of a temporary HMA concrete patch on the existing roadway to be used to maintain traffic during construction as specified at locations designated by the Engineer. Between April 15 and December 1, Hot Mix shall be applied and the HMA mixture shall conform to Section 406. Between December 16 and April 14, Cold Mix may be used."

Delete Article 442.11 and replace it with the following paragraphs:

"This work will be paid for at the Contract unit price per SQUARE YARD for CLASS B PATCHES, SPECIAL; CLASS D PATCHES, SPECIAL; CLASS D PATCHES, SPECIAL –

WIDENING; FULL DEPTH PATCHES, SPECIAL; and FULL DEPTH PATCHES, SPECIAL - WIDENING of the thickness shown on the Drawings, measured in place. Payment shall be made for the quantity of patch actually installed within the pay limits shown on the Drawings or as directed by Engineer.

These Contract unit prices shall be payment in full for all materials, labor and equipment required for: saw-cutting (full depth), removal, and disposal of existing pavement and sub-base to proposed subgrade; furnishing, placement and final grading of aggregate base course, new paving materials and installation; furnishing and installing contraction joints, dowel bars, and expansion joints as required; finishing and additional reinforcement where required for concrete pavement; and related work required to complete the installation which is not included in other Payment Items.

For Class B and Full Depth Patches, the quantities for payment purposes shall be based on the maximum allowable width of the trench at the top of the subgrade. This payment width shall not exceed a maximum dimension as indicated by the details shown on the Drawings. The length of removal and replacement shall be measured along the centerline of the pipe over which removal and replacement is made. Length of removal and replacement for all patching shall include distances through manholes and other structures.

For Full Depth Patches, the payment thickness shall be: 9" PCC and 2" HMA thickness to existing pavement surface elevation as shown on the plans.

Additional pavement removal and replacement beyond the maximum pay widths shown on the Drawings required to complete the Work or for Contractor's purposes shall be considered incidental to combined sewer, relief sewer, storm sewer, sanitary sewer, and water main construction and no separate payment shall be made.

Additional aggregate base course outside the pay limits shown on the Drawings required to complete the Work or for Contractor's purposes shall be considered incidental to the work and no separate payment shall be made."

STORM (COMBINED) SEWERS

Delete Article 550.01 and replace it with the following:

"550.01 Description. This work shall consist of constructing combined, relief, and storm sewers of the required inside diameter with necessary fittings and appurtenances."

Delete Article 550.03 and replace it with the following:

"550.03 Pipe Material Requirements. Pipes used in sewer construction shall be as follows and as indicated on the drawings. Pipes shall be of uniform material and structural class between structures:

- (a) Combined sewers 4 to 15 inches in diameter and more than 5 feet deep; relief sewers 4 to 15 inches in diameter and more than 5 feet deep; and sanitary service connection piping other than specified in Paragraph d following - Poly-vinyl chloride (PVC) pipe conforming to ASTM D-3034 having joints conforming to ASTM D-3212. Pipe shall be a solid wall product not thinner than SDR 26 with minimum stiffness of 115 psi. Where minimum separation requirements between sewer pipe and water main are not met, the use of Poly-vinyl chloride (PVC) pipe conforming to AWWA C-900 and rated for 150 psi (DR18) having joints conforming to ASTM-3139 and ASTM F-477 is required.

- (b) Combined sewers 16 to 24 inches in diameter and more than 5 feet deep; and, relief sewers 16 to 24 inches in diameter and more than 5 feet deep (alternate bid item) - Poly-vinyl chloride (PVC) pipe conforming to ASTM F-679 having joints conforming to ASTM D-3212 and a solid wall not thinner than SDR26 with minimum stiffness of 115 psi may be used in lieu of DR25 pipe at Contractor's option. Where minimum separation requirements between sewer pipe and water main are not met, the use of Poly-vinyl chloride (PVC) pipe conforming to AWWA C-905 and rated for 165 psi (DR25) having joints conforming to ASTM-3139 and ASTM F-477 is required.
- (c) Catch basin and inlet leads; relief sewers 4 to 24 inches in diameter and 5 feet or less in depth or where indicated on drawings; sanitary sewer service connection piping crossing under other utilities; and, combined sewers 4 to 24 inches in diameter where indicated on drawings - Ductile iron pipe conforming to ANSI 21.51 (AWWA - C151); of a minimum thickness Class 52 as designed per ANSI A21.50 (AWWA - C150) except as designated on the Contract Drawings; tar (seal) coated per ANSI A21.4(AWWA - C104); and, with push-on joints per ANSI A21.11(AWWA - C111)."

Add the following paragraphs to Article 550.04:

"The width and depth of trench excavation for all pipes shall be as shown on the Drawings. Along the proposed pipe alignments indicated on the Drawings, Contractor shall remove the surface materials only to such widths as will permit a trench to be excavated, which will afford sufficient room for efficient and proper construction. Where sidewalks, driveways, pavements, and curb/gutter are encountered, care shall be taken to protect such against fracture or disturbance beyond these working limits.

Prior to the placement of all pipes, bedding shall be placed on the trench bottom, compacted and shaped to receive the pipe. Bedding shall consist of crushed gravel or crushed limestone conforming to CA-7, CA-11, or CA-13 of Section 1004 for RCP and DIP sewers, and ASTM D2321 Class IB for PVC Sewers. Geotextile filter fabric, Trevira 1114 or equal, shall be provided to encase the pipe bedding and initial pipe cover in trenches through wet, soft, and/or granular native soils and elsewhere as directed by Engineer. The geotextile fabric shall be placed as shown on the Drawings.

The trench shall be excavated to the alignment and depth required and may be advanced up to 50 feet ahead of the pipe laying operation during working periods and up to 20 feet ahead of pipe laying operations during non-work periods. Trenching operations shall be terminated at the end of each day's work in locations which do not obstruct roadways, alleys or driveways. In general, the length of open trench shall not exceed 70 feet from the forward cut to the completely backfilled trench nor shall more than one street crossing be obstructed by the same trench at any one time. Open cut excavations shall be reduced to a maximum length of 30 feet for overnight protection.

Roadway restoration activities, except installation of final HMA surface course, shall be carried out such that no more than 1,000 lineal feet of permanent roadway is removed at any one time for each open-cut pipe installation operation; no more than 1,000 feet of permanent roadway is removed per active mainline sewer or water main installation crew; and, such that the period that the permanent roadway removed at any location does not exceed thirty (30) calendar days, without the approval of the Engineer. In no case, however, shall the total length of permanent roadway removed exceed 2,500 lineal feet regardless of the number of open-cut sewer or water

main construction operations (active mainline crews) underway. Roadways shall be reinstated as soon as possible after sewer and water main installation.

Contractor shall conduct dewatering as necessary to maintain the water table level below the trench bottom prior to and during pipe laying, jointing and backfilling. The dewatering operation, however accomplished, shall be carried out so that it does not destroy or weaken the strength of the soil under or alongside the trench.

Contractor shall divert all sanitary flow around the construction area by means of flumes or temporary by-pass pumping systems. Pumping shall be sufficient such that no backing up of sanitary flow will occur. Contractor shall be responsible for all damage resulting from negligence in creating restrictions to flow within the sewer system. Contractor shall not interrupt the flow from individual sanitary services for more than four hours. Sanitary flows shall not be diverted into catch basins or relief sewers.

Open-cut trenches shall be supported as required to fully protect life, existing utilities, adjacent structures, pavements, and the Work. Trench support is an integral part of the Contractor's means and methods. The Contractor shall employ the services of a registered (Illinois) Structural Engineer, registered (Illinois) Professional Engineer, Geotechnical Engineer, and other professionals as necessary to prepare designs of support systems. The support systems shall conform to Federal laws, State laws and municipal ordinances. The minimum protection shall conform to the recommendations in O.S.H.A. Safety and Health Standards for Construction. A sand box or trench shield may be used as permitted by O.S.H.A.

For sewers located in unpaved areas, augering construction shall be made where the sewer passes within a distance of tree diameter times 8 or 8 feet, whichever is greater, from trees. For sewers located in paved areas, augering construction shall be made where the sewer passes within a distance of tree diameter times 5 or 8 feet, whichever is greater, from trees. The auger shall be approximately 6 inches larger than the outside diameter of the pipe bell and extend not less than 10 feet or as shown on drawings, whichever is greater, from the base of the tree in both directions. The annular space between pipe and auger wall shall be filled with granular material. Augering work shall be considered incidental to the construction of sewers and no separate payment shall be made.”

Delete the first paragraph of Article 550.05 and replace it with the following:

“Sewers designated on the Drawings to be abandoned shall be filled with Controlled Low-Strength Material (CLSM), unless otherwise specified by the Engineer. CLSM shall meet the following requirements:

- (a) Materials. CLSM shall consist of a mixture of Portland cement, fly ash, fine aggregate, and water proportioned to provide a backfill material that is self-compacting and capable of being excavated with hand tools if necessary at a later date. All materials shall meet the following requirements:

Portland Cement, Type I	Section 1001
Water	Section 1002
Fine Aggregate (Natural Sand)	Section 1003.02
Fly Ash	Section 1010.02

- (b) Proportioning. Materials for CLSM shall be proportioned as follows:

Portland Cement	50 lbs.
Fly Ash	300 lbs. (if Type F) or 200 lbs. (if Type C)
Fine Aggregate (Saturated Surface Dry)	2900 lbs.
Water	45-65 gallons

These quantities will yield approximately one cubic yard of CLSM of the proper consistency. The flowability shall be observed by the Engineer and the water content adjusted within the specified limits to produce desired results. The CLSM shall be ready-mixed as specified in Section 1020.11 of the Standard Specifications. Sufficient mixing capacity shall be provided to permit the CLSM to be placed without interruption. The mixer drum shall be completely emptied prior to the initial batch of CLSM to ensure that no additional cement fines are incorporated into the mix.

- (c) Placement. The CLSM shall be discharged directly from the truck into the space to be filled, or by other methods approved by the Engineer.”

Add the following paragraphs to Article 550.06:

“Laying of sewer pipe shall be accomplished to line and grade in the trench only after it has been dewatered and the foundation and/or bedding have been prepared. Mud, silt, gravel, and other foreign material shall be kept out of the pipe and off joint surfaces. All pipe laid shall be retained in position so as to maintain alignment and joint closure until sufficient backfill has been completed to adequately hold the pipe in place.

Pipe alignment shall not deviate by more than 0.5 inch or 0.25 inch per foot of diameter, whichever is greater, from true vertical alignment; or 2.0 inches or 0.5 inch per foot of diameter, whichever is greater, from true horizontal alignment, prior to and following placement and compaction of backfill. Sewers found to vary from these alignment criteria shall be excavated and relayed or otherwise corrected as approved by the Engineer.

Contractor shall check line and grade of each pipe section installed with laser beam; and, in the event they do not meet specified limits described hereinafter, the work shall be immediately stopped, the Engineer notified, and the cause remedied before proceeding with the Work.

Installation of PVC sewers shall conform to ASTM D2321. After installing any sewer on the bedding and the joint made, backfilling to one foot above the crown of the pipe shall be placed to form a granular encasement. The pipe shall be laid so that it will be uniformly supported for the entire length of its pipe barrel fully bearing on the aggregate cradle. No blocking of any kind will be permitted to adjust the pipe to grade.

All branch sewer connections shall meet the structural, jointing, and water-tightness requirements for the mainline pipe to which they are made. Break-in-connections will not be allowed. Connections of pipe 18-inches in diameter or smaller to RCP may be made using cast-in or cored-in flexible couplings meeting ASTM C-923, or precast wye or tee fittings as approved by Engineer. Connections of pipe larger than 18-inch diameter to RCP shall be with pre-cast wye or tee fittings as approved by Engineer. Connections to PVC or DIP shall be made using factory-made wye or tee fittings. Tapping saddles may NOT be used for connections to PVC pipe. Connections may be tees or wyes at Contractor's option, unless shown otherwise on the Drawings.

Plugs for pipe branches, stubs, or other open ends, which are not to be immediately connected, shall be made of an approved material and shall be secured in place with a joint comparable to the main line joint. Stoppers may be of an integrally cast breakout design.

Shear resistant couplings as manufactured by Fernco Inc. or approved equal shall be used for connections of new pipe to existing pipe, and where dissimilar pipe and joint materials are encountered. Connections may not be made with only stainless steel shear rings. An associated bushing is required at all connections.”

Add the following paragraphs to Article 550.07:

“Covering of the pipe to a depth of one-foot over the top of the pipe shall be performed by a method which assures that materials fill and support the haunch areas of the pipe, encasing the pipe to the limits as indicated. The aggregate shall be placed in layers not exceeding six inches (6”) in thickness and carried up at the same levels on both sides of the pipe. Each layer shall be thoroughly compacted and tamped under and around the pipe.

Cover and backfill shall be compacted in accordance with Method 1 or Method 3, and shall achieve a Standard Proctor Density of not less than 95 percent as tested in accordance with Section 106. To facilitate compaction by Method 3, the Contractor shall provide a well point/pump system, sump pits and pumps, or other proactive procedures approved by the Engineer for extracting the water used for backfill compaction from the pipe bedding material. The spacing between extraction points shall be sufficient to assure adequate water velocities for the jetting process and to assure that the backfill and/or bedding will not become over-saturated such that compaction is lost. In any case, jetting water extraction points shall be located not more than 400 feet apart.

Following completion of the backfilling process, the final layer of backfill shall also be inundated with water in accordance with Method 2. The Contractor shall repair any subsidence which occurs prior to paving by adding additional backfill material and compacting in accordance with Method 1.

Contractor shall repair any subsidence greater than 1½ inches which occurs following paving by removing paving, installing additional backfill, compacting in accordance with Method 1, and re-installing paving. Contractor shall repair any subsidence 3-inches or less which occurs following base course paving by installing additional leveling binder immediately prior to installation of the bituminous surface course. Contractor shall repair any subsidence, which occurs following installation of bituminous surface course by installation of additional surface course. The unsettled pavement surrounding the subsidence area shall be milled to a depth of 1½ inches for at least the full lane width each way of the subsidence transverse to the direction of traffic and 20-feet each way of the subsidence longitudinal to the direction of traffic.

Concrete pavement displaced more than ½ inch by subsidence shall be removed and replaced to the nearest contraction joints, expansion joints, curbs, or transitions to other pavement types, as applicable. The cost of correcting subsidence, including additional paving, shall be borne by the Contractor at no additional cost to the Owner, whether that subsidence is caused by the Contractor's failure to adequately compact backfill or otherwise perform the Work, or is inherent in the construction methods utilized, including tunneling.”

Add Article 550.11 which shall read as follows:

“Contractor shall be responsible for all on-site and off-site testing for the Work performed under this Section. Contractor shall retain the services of an independent certified testing laboratory to perform all testing. All testing shall be in accordance with Section 106 of this Specification and the Standard Specifications. Copies of all on-site and off-site test reports shall be submitted to the Engineer. Certified test reports will be acceptable for material proposed to be incorporated into the Work; however, final acceptance will be based on the material as it is actually incorporated

into the Work. Testing shall including the following:

Pre-construction and Post-construction Sub-surface Videotaping. Prior to commencing construction and following completion of construction, Contractor shall conduct a closed-circuit internal television inspection of existing mainline combined, storm and sanitary sewers along the routes of the proposed relief sewer, combined sewer, and water mains. The purpose of the televising is to document the condition of the existing sewers prior to the start of the construction and any change in condition, which occurs as a result of construction. Following completion of sewer and water main installation, infiltration/exfiltration testing, backfill compaction testing, and deflection testing, but before final restoration and placing sewers in service, the Contractor shall conduct an internal television inspection of all new mainline sewers 48 inch in diameter or smaller. Inspection of new mainline sewers shall be performed in the presence of the Engineer.

The closed circuit camera and other televising equipment used shall be specifically designed for sewer line inspection. The camera shall be cable drawn. The camera shall be high-resolution color and shall be equipped with a lighted, pivoting head to view branch connections. For sewers 24-inches and larger, the camera shall be mounted on an appropriately sized skid so that the camera is centered in the sewer. Camera pull speed through the mainline pipe shall not exceed 30 feet per minute, the camera should be paused at every connection, and the camera panned to view the full interior of the connection. Crawler-type cameras shall not be used unless the sewer cannot be televised using cable drawn equipment, such as dead-end sewers or sewers so obstructed that pulling cables cannot be installed. If, during the internal inspection, the camera cannot pass through the entire sewer from a single set-up, the sewer internal inspection shall be completed using a reverse set-up from an adjacent manhole. If the sewer cannot be inspected over the remainder of its full length using the reverse set-up, Contractor shall notify the Engineer immediately while the camera remains in the sewer.

Contractor shall record the internal inspection on DVD format. Each DVD made shall be labeled "City of Evanston, 2026 Church Street Water Main Improvements" and shall be consecutively numbered. An index of each videotape shall be provided which includes tape number, street/alley location (including names of end-blocks), beginning manhole number, ending manhole number, length of sewer, diameter of sewer, beginning and ending tape counter numbers. Contractor shall utilize the Owner's manhole numbering system (available through Engineer) to identify the existing sewer sections televised. For post-construction inspection of new sewers, the manhole numbering system shown on the Drawings, prefaced by "City of Evanston, 2026 Church Street Water Main Improvements" or other project designation, shall be utilized. The upstream manhole number, downstream manhole number and footage from beginning manhole shall be superimposed on the video image.

Contractor shall also prepare a written report for each section of sewer televised. Each report shall be labeled "City of Evanston, 2026 Church Street Water Main Improvements" and shall be coordinated with the DVD. For each sewer section televised, the report shall include: date of inspection, videotape reference number including counter readings, street location (including names of end-blocks), beginning manhole number, ending manhole number, length of sewer, diameter of sewer, and pipe material. The report shall note the locations (as a distance from the beginning manhole) the locations, orientations (o'clock position) and appropriate size parameters of: service and other connections; pipe defects, such as cracks, offsets, sags, deformations and break-in connections; water infiltration; mineral, grit, and grease build-ups; root intrusions; and, other irregularities.

Backfill Compaction. During the installation of Case I backfill material, the Contractor shall

conduct density testing specified in Article 550.07 in accordance with Section 106. The cost of testing shall be incidental to storm sewer, water main, relief sewer and combined sewer installation and no separate payment shall be made.

Infiltration/Exfiltration Testing. Contractor shall conduct infiltration testing of each manhole-to-manhole section of relief sewer after the pipe is installed and backfilled, but before street paving operations commence. If Contractor elects to compact backfill by jetting (Article 550.07 - Method 3), then the infiltration test shall be performed during the jetting operation. Where the depth of the ground water is less than 24 inches over the crown of the pipe at the upstream section to be tested, an exfiltration test shall be used in place of an infiltration test.

Infiltration tests shall be made by measuring the flow of infiltrating water over a calibrated weir set up in the invert of the sewer. Personnel for reading flow measuring devices will be furnished by the Engineer, but all other labor, equipment, material and water, including gauges and meters, will be furnished by the Contractor.

Exfiltration tests shall be made by bulk-heading the section to be tested and completely filling the subject sewer. The bulkheads shall be watertight and shall be adequately braced to withstand the head of water pressure that will be applied in the testing process. As such, the Contractor shall employ the services of a Registered (Illinois) Structural Engineer for bulkhead and bulkhead bracing design. The exfiltration test shall be conducted by filling the sewer to a level four feet above the crown of the sewer in the manhole at the upper end of the section being tested. The rate of flow required to keep this required level will be the exfiltration. Tests shall be conducted for at least two hours.

No additional pipe shall be laid until the infiltration/exfiltration test on each manhole-to-manhole section of pipe meets specified limits following:

- Exfiltration: 100 gallons per day per inch of pipe diameter per mile of sewer.
- Infiltration: 100 gallons per day per inch of pipe diameter per mile of sewer.
- No visible leaks which endanger the pipe or surrounding bedding/ backfill.

If the specified infiltration/exfiltration limits are exceeded, the Contractor shall televise or internally inspect the sewer in the presence of the Engineer to identify the source(s) of the leakage. Contractor shall immediately make all repairs and/or replacements necessary to achieve the specified infiltration/exfiltration limits. After all repairs are made, the Contractor shall again make an infiltration or exfiltration test. All costs of internal inspection to locate leakage sources, other testing and pipe correction shall be borne by the Contractor at no additional cost to the Owner.

Deflection Testing. For PVC pipes, a deflection test shall also be performed as described in the Standard Specifications for Water and Sewer Construction in Illinois. The maximum permitted deflection shall be 5 percent. Those pipe sections failing deflection testing shall be corrected by re-excavating the pipe, allowing the pipe to return to its circular cross-section (or replacing the pipe if necessary), and replacing the pipe cover and backfill. Devices that generate internal pressures or vibrations shall not be used to correct pipes failing the deflection test. The cost for deflection testing and pipe correction shall be incidental to the prices bid for Sewer Items. No additional payment will be made for deflection testing or correction of defects located.”

Internal Television Inspection: Following completion of open-cut sewer installation, infiltration/exfiltration testing, backfill compaction testing, and deflection testing, but before final surface is installed, the Contractor shall conduct an internal television inspection of all mainline

sewers installed. The television camera used shall be high resolution color, shall be equipped with a revolving head capable of viewing up service connections, and shall be equipped with a footage counter which records on the videotape. For televising pipes 54-inches and smaller, the camera shall be stopped at each lateral connection and the camera head rotated to give a full view of the interior of the lateral. DVD format shall be made of the internal inspections and given to the Owner. The cost of televising the Relief Sewer, Combined Sewer, Storm Sewer, Sanitary Sewer, shall be considered incidental. No additional payments will be made for this work.

Delete Article 550.09 and replace it with the following paragraphs:

“Measurement of sewers shall include all straight sections of pipe and all bends and other fittings, including wyes, tees, reducers and rubber check valves actually installed. The measurement for relief and combined sewers of the materials and sizes specified shall not include the distance through base tee manholes, other manholes, and drop structures. In the case of cast-in-place structures, the distance not included in relief and combined sewer measurement shall be the length from outside of the structure wall on the upstream side of the structure to the outside of the structure wall on the downstream side of the structure as shown on the Drawings. In the case of precast structures, the distance not included in relief and combined sewer measurement shall be the distance between the first joints in standard pipe sections upstream and/or downstream of the structure. Measurement and payment for manholes, base tee sections and other structures shall be made under the appropriate Payment Items for these structures.”

Delete Article 550.10 and replace it with the following paragraphs:

“Installation of storm sewers, relief sewers, and combined sewers shall be paid on a Contract unit price basis per LINEAR FOOT for sewer of the diameter, material, and strength class specified. Payment items are defined below for the various sizes, classes, and materials used, including RCP (reinforced concrete pipe), DIP (ductile iron pipe), and PVC (poly-vinyl chloride) pipe.

The Contract unit prices for RCP, DIP, and PVC sewers shall be payment in full for all materials, labor, and equipment required for: site preparation, including removal, replacement and/or repair of fences and other site objects; trench excavation, including removal and disposal of existing sewer pipes, structures, and excess excavated materials; protection, support and repair of damage to existing utilities; support of trench walls, including shoring and bracing; dewatering of trenches; temporary pumping of flows in existing and new sewers; sewer pipe, including fittings, fittings as necessary to reconnect catch basin outlet leads, risers, adapters, couplings, collars and other components; connection of existing sewers to the proposed sewer; abandonment of existing sewers where called out on the Drawings, including filling and placement of required plugs; bedding placement and compaction to one foot above the top of the pipe; backfill placement, compaction and compaction testing; infiltration/exfiltration testing of sewers; internal television inspection of all pipes; deflection testing of sewers; correction of defects; and, other related work required to complete the installation which is not included under other Payment Items.

The Contract unit price for RCP, DIP, and PVC sewers shall include: combined sewer repairs where shown on the Drawings.

These items shall not include the costs of installations and adjustments of sanitary and water services, which shall be paid for in accordance with the appropriate Payment Items. Adjustment of other existing house service utilities, including gas, electric, cable TV and

telephone services, shall be considered incidental to the work and no separate payment shall be made.

Roadway, sidewalk, driveway, and curb/gutter removal/replacement outside the pay limits shown on the Drawings required for completion of the work or for Contractor's purposes shall be incidental to combined sewer, relief sewer, storm sewer, and sanitary sewer construction and no separate payment shall be made.

Pre and Post Construction Sub-Surface Videotaping shall be paid for at the Contract unit price per FOOT of sewer for PRE AND POST CONSTRUCTION SUB-SURFACE VIDEOTAPING of existing combined and storm sewers on streets in which tunnels, relief sewers, and water mains are proposed, at locations as specified, where not covered by other payment items, and at other locations as directed by Engineer. The Contract unit price shall be payment in full for all materials, labor, and equipment required for: traffic control; cleaning of existing sewers (jetting); internal videotaping existing mainline combined sewers and storm sewers, including reverse set-ups, retrieving stuck televising equipment or repairing of sewers damaged by the televising effort; providing one copy of the videotapes (DVD format) and reports to the Owner and other related work required. This item will be measured for payment separately for pre-construction and for post-construction footage.

Sub-surface videotaping will be required before the start of construction and will also be required following completion of the construction (but prior to installation of the bituminous surface course).

The quantity shall not include pre-construction or post-construction videotaping for: sewer liner installation, new relief sewer installation, new storm sewer installation, and new combined sewer installation, all of which shall be considered incidental to the Contract."

WATER MAIN

Add the following to Article 561.01:

"Where shown on the Drawings, Line Stopping shall be performed. This work shall involve the placement of a self-contained hydraulic unit within an operating water main for the purpose of installation of a valve and/or other connection with the existing system without interruption of service."

Add the following to Article 561.02:

(a) All materials shall be Made in America.

(b) Line Stops. The line-stop unit shall be a self-contained hydraulic (hand pump operated) ram. The line-stopping device shall be of such a design that, when hydraulic pressure is applied, the bladder will expand and conform to the I.D. of the pipe and tuberculation inside the main (if any) will be moved outside of the sealing area.

The line-stop shall be of the 'Short Stop' variety, which will require removing only the top of the pipe during the operation. All fittings shall employ an I.D. thread, screw-type engagement together with O-Ring seal for bubble-tight completion. After insertion of plug, a screw-on cap will be used and bolted down. The system shall be capable of containing a water pressure of 150 psi. The line-stopping system shall be Hydro-Stop or approved equal. Line-stop sleeves shall be Style "Evanston Sleeve Total Seal" Extra Heavy Duty as manufactured by Hydro Stop or equal.

(c) Fasteners. Stainless steel bolts will be used on all fittings or mechanical joints.

(d) Fittings. All fittings furnished shall be ductile iron conforming to AWWA Standard for Ductile Iron Compact Fittings C153, 350 psi rating. Fittings shall be mechanical joint and shall be equipped with Mega-Lug or equal joint restraining glands. Restraining glands which rely on the bearing of screw-points on the water main wall shall not be utilized. All fittings shall be cement-mortar lined inside and bituminous-coated outside, in accordance with Sec. 51-8 - ANSI A21.51 (AWWA C104 and C151).

(e) Valves. Gate valves and tapping valves with sleeve and cut in-valves 24-inches and smaller in size shall be resilient wedge mechanical joint type, manufactured to meet or exceed the requirements of AWWA C515, latest revision. Gate valves larger than 24-inches in size shall be of double disc type to meet AWWA C500 requirements and shall be in accordance with the following specifications:

i. Valves shall be Waterous Series 2500 or approved equal and shall have the manufacturer and year cast on the body with raised letters.

ii. Valves shall have an unobstructed waterway equal to or greater than the full nominal diameter of the valve. The sealing mechanism shall consist of a cast iron gate having a vulcanized synthetic rubber coating. The resilient sealing mechanism shall provide zero leakage at the design water pressure of 150 psi when installed with the line flow in either direction. All valves are to be tested in strict accordance with AWWA C515 or AWWA C500.

iii. Valves shall have non-rising stems made of cast, forged, or rolled bronze shown in AWWA C515. Two stem seals shall be provided and shall be of the O-ring type.

iv. Valves shall be equipped with cast iron operating nuts and shall be secured to the stem with stainless steel bolts. Valves shall turn counterclockwise, or left (looking downward at the operating nut) to open.

v. The valve body, bonnet and cover shall be cast iron ASTM A126, Class B. All internal and external surfaces shall be coated with epoxy to a minimum thickness of 4 mils. Bonnet bolts shall be stainless steel.

(f) Fire hydrant with auxiliary valve and valve box. Hydrants shall conform in all respects to the American Water Works Association Standard C502 latest revision and shall meet the following specifications:

i. Hydrants shall be Waterous Pacer. The hydrant shall have a breakaway flange at the ground line and shall be for five and one-half (5-½) or six (6) feet of cover as appropriate. Hydrant size shall be 5-¼ inch valve opening with a 6-inch mechanical joint inlet connection. Stem seals shall be "O-Ring" type. Hydrants shall be equipped with drain outlets. Finish color above the ground line shall be red. Note red color shall extend at least 6-inches below the intended ground line. Hydrant shall be installed such that the breakaway flange is installed within two (2) inches of the finished grade. The breakaway flange must not be buried. All buried bolts shall be stainless steel. Hydrant extension is allowed to adjust to minimum grade requirements.

ii. Hydrants furnished shall be for buried installation with two 2 ½ inch hose connections and one 4-inch pumper nozzle, National Standard Threads. Operating and outlet nozzle cap nuts shall be of pentagon shape in conformance with Section 3.2.9.8 of AWWA Standard. Suitable nozzle caps, gaskets, and chains shall be provided. Hydrants shall come with one piece

weathershield operating nut.

iii. All auxiliary valves used for hydrant installation shall be in conformance with the specifications of AWWA C515. Valve boxes used for auxiliary hydrant valves shall be 5- $\frac{1}{4}$ -inch shaft diameter with cover marked "WATER". All boxes shall be F-2450 as manufactured by CLOW CORP, Tyler 6850-664S or approved equal. The auxiliary valve shall be installed 2 feet from the fire hydrant or as specified by the Engineer.

iv. Where existing fire hydrants are being replaced, the replacement shall include removal of all existing hydrant components, including: the existing connection to the water main, the water main to the hydrant, hydrant valve, valve box and hydrant. Care shall be exercised in the removal of the existing hydrant and valve such that they are not damaged. The existing valve and hydrant shall be stored by the Contractor to the end of the Project or other time during the Project designated by the Owner, at which time it shall be delivered to the Owner.

Installation of New or Replacement Fire Hydrant shall include all new components, including: tee fitting equipped with Mega-Lug or equal joint restraining glands at the water main, extensions or reduction in height, 6-inch DIP hydrant water supply main from the tee, auxiliary hydrant valve, valve box and hydrant. Hydrants shall come with one piece weathershield operating nut. Replacement components shall conform to all applicable specifications presented in Section 561. In order to achieve the required hydrant height from the ground surface shown on the drawings for replacement hydrants, a Gradelok, or equal, adjustable pipe offset shall be used, if necessary.

v. All new fire hydrants installed mid-block shall be installed on the property line between two adjacent properties. New fire hydrants shall be covered with a burlap bag until they are placed in service. Existing fire hydrants which are taken out of service with the existing water main shall be covered with a burlap bag until they are removed."

vi. Use of same class pipe material with main line is required on each proposed hydrant location. (If water main line is class 52, use class 52 for hydrant run).

- (a) Ductile Iron Pipe Water Main. All ductile iron pipe shall be thickness class 52 in accordance with AWWA Standard Specifications for Ductile Iron Pipe, External Zinc-Based Coated, centrifugally cast in Metal Molds for water or other Liquids - AWWA -C151 latest revision. Coating: The exterior of ductile iron pipe shall be coated with a layer of arc-sprayed zinc per ISO 8179. The mass of the zinc applied shall be 200 g/m² of pipe surface area. A finishing layer topcoat shall be applied to the zinc. The mean dry film thickness of the finishing layer shall not be less than 3 mils with a local minimum not less than 2 mils. The coating system shall conform in every respect to ISO 8179-1 "Ductile iron pipes - External zinc-based coating - Part 1: Metallic zinc with finishing layer. Second edition 2004-06-01." The whole of the above Specifications shall apply. The pipe shall be furnished with push-on joints. All pipe shall be cement-mortar lined inside and bituminous-coated outside, in accordance with Sec. 51-8 - ANSI A21.51 (AWWA C104 and C151). All ductile iron pipe must be clearly marked by the manufacturer to indicate pipe classification or pipe thickness. Unmarked pipe will not be accepted.

Viton gaskets may be required as determined by additional environmental testing conducted by the contractor prior to the start of construction and as approved by the Engineer.

- (b) Tapping Sleeves and Valves. For water main extensions and water services greater than 2-inch, tapping sleeves are required which shall be CST-EX "Total Seal" Extra Heavy Duty all stainless steel tapping sleeve with drop-in stainless steel bolts and nuts as manufactured by Cascade Waterworks Manufacturing or equal. Tapping valves shall be as specified under Article 561.02 Subparagraph (c.) and shall be secured using stainless steel T-bolts and nuts. Tapping sleeves shall be located a minimum of two feet clear distance from any existing joint or fitting.
- (c) Foster Adaptor. The device shall be Infact Corporation FOSTER ADAPTOR or equal, incidental to various pay items. Mechanical joint (MJ) valves and fittings shall be connected using a bolt-through positive restraint mechanism manufactured of U. S. A. ductile iron conforming to ASTM A536, 65-45-12. The positive restraint device shall connect the valves and/or fittings at a linear distance not to exceed three (3) inches and without attachment to pipe. The device shall come complete with all accessories, including standard styrene butadiene rubber (SBR) MJ gaskets conforming to the latest revision of AWWA C111/ASTM F-477 and weathering steel (Corten) bolts conforming to AWWA C111/A21.11 and ASTM A242. Nuts for 3 through 12-inch sizes shall be SAE Grade 5 steel with black oxide coating. Nuts for 14-inch and larger adaptors shall be heavy hex Corten steel conforming to ASTM A242. Sizes 3-12-inch of the bolt-through MJ positive restraining device shall be supplied with an NSF 61 asphaltic seal coating in accordance with ANSI/AWWA C104/A21.4. Sizes 14-36-inch shall be supplied with NSF 61, 7-mil. fusion bonded epoxy conforming to AWWA C116/ A21.16-09 as well as the coating, surface preparation and application requirements of ANSI/AWWA C550. For sewer installations, the device shall be supplied with 40-mil Protecto 401 epoxy. [Epoxy coating, blue Teflon® coated, and stainless steel hardware are available for all sizes.] The device shall be used with standard mechanical joint fittings (AWWA C110 or C153) and valves.

Shop drawings for water system components shall be submitted for approval as soon as possible, but not less than thirty (30) calendar days prior to the time when the components are intended to be installed."

Add the following additional sentences to Subparagraph (a) of Article 561.03:

"The trench shall have a flat bottom conforming to the grade to which the pipe is to be laid, and provided with a minimum of 5-feet, 6-inches of cover. Provide pipe insulation if cover is less than 5-feet (Incidental to various pay Items). Along the proposed pipe alignments indicated on the plans, the Contractor shall remove the surface materials only to such widths as will permit a trench to be excavated, which will afford sufficient room for efficient and proper construction. Where sidewalks, driveways, pavements, and curb/gutter are encountered, care shall be taken to protect such against fracture or disturbance beyond these working limits.

Prior to the placement of all pipes, bedding shall be placed on the trench bottom, compacted and shaped to receive the pipe. The pipe shall be placed as shown in the plans. Any part of the trench excavated below the grade shall be corrected with approved material, firmly compacted. Where the Contractor must excavate below the plan grade indicated because of unforeseen conditions, all additional excavation and backfilling will be considered incidental to the Contract. In some instances, trees, shrubs, utilities, sidewalks and other obstructions may be encountered, the

proximity of which may be a hindrance to open-cut excavation for installation of water mains and appurtenances. In such cases, the Contractor shall excavate by means of auger in order to protect such obstructions against damage. Augering work shall be performed in accordance with the clearances and procedures specified in Article 550.04."

The trench shall be excavated to the alignment and depth required and may be advanced up to 50 feet ahead of the pipe laying operation during working periods and up to 10 feet ahead of pipe laying operations during non-work periods. Trenching operations shall be terminated at the end of each day's work in locations that do not obstruct roadways, alleys or driveways. In general, the length of open trench shall not exceed 70 feet from the forward cut to the completely backfilled trench nor shall more than one street crossing be obstructed by the same trench at any one time. Open cut excavations shall be reduced to a maximum length of 30 feet for overnight protection.

Open-cut trenches shall be supported as required to fully protect life, existing utilities, adjacent structures, pavements, and the Work. Trench support is an integral part of the Contractor's means and methods. The Contractor shall employ the services of a registered (Illinois) Structural Engineer, registered (Illinois) Professional Engineer, Geotechnical Engineer, and other professionals as necessary to prepare designs of support systems. The support systems shall conform to Federal laws, State laws and municipal ordinances. The minimum protection shall conform to the recommendations in O.S.H.A. Safety and Health Standards for Construction. A sand box or trench shield may be used as permitted by O.S.H.A.

Add the following subparagraphs to Article 561.03:

(c) Notification. Wherever construction activities will disrupt water mains and/or individual water services, the Contractor shall develop a work plan for limiting the extent and duration of the disruption. This work plan shall be submitted to the City of Evanston Utilities Department for review and approval not less than two weeks before the planned disruption. No disruption will be permitted until said work plan has been reviewed and approved.

In addition, it is the responsibility of the Contractor to directly notify the City of Evanston Utilities Department, affected customers, and, if fire hydrants are affected, the City of Evanston Fire Department not less than 48-hours in advance of the start of the disruption, advising them of the planned time and duration of the disruption. Each disruption to the mainline system; an individual service; or, group of services, when they are being transferred to a new water main in a single, staged construction operation, shall be considered a separate occurrence, for which notification shall be provided. The Contractor shall also directly notify the City of Evanston Utilities Division not less than 48-hours in advance of mainline pressure-testing and disinfection operations. In cases where construction activities will require operation of water main valves, the City of Evanston Utilities Department will be responsible for the operation of the valves.

(d) Installation. All pipe laying and the making of all joints shall be done strictly in accordance with manufacturer's directions and in accordance with AWWA C600 "Installation of Ductile Iron Water Mains and Their Appurtenances". Mechanical joint fittings shall be spaced a minimum of 2 feet apart. The Contractor shall be responsible for achieving the water-tightness specified. The method of handling and of placing pipe in the trench shall not damage the pipe. Pipe interiors shall be kept clean and the exposed ends of the pipe in the trench shall be closed by suitable watertight bulkheads at all times when pipe-laying is not actually in progress. Abrupt changes in pipe alignment shall be accomplished by use of appropriate fittings as shown on the Drawings. Wherever long horizontal or vertical curves are shown on the drawings, the pipe may be laid to such curves by uniformly deflecting the pipe joints along the arc of the curve to form a smooth radius. Pipe deflection shall not exceed one-half the maximum allowable joint deflection

recommended by the pipe manufacturer. A temporary plug/cap or watertight protection is required for the end of pipe at the end of any working days and is considered incidental.

All required valve box extensions shall be made so that the top section is a minimum 2 feet in length. Blocking at bends, tees, caps, hydrants and valves shall be of poured Class SI concrete, a minimum of 12" thick, placed between solid ground and the fitting, and shall be anchored in such a manner that pipe and fitting joints will be accessible for repairs.

New and relocated fire hydrants shall be placed a minimum of three feet from the back of the curb unless otherwise directed by the Engineer. All fire hydrants on new mains shall be covered with burlap bags until such time that the Owner notifies the Contractor that the burlap bags shall be removed."

Add Article 561.06, which shall read as follows:

Hydrostatic Tests. Hydrostatic tests will be performed according to Section 13 of the American Water Works Association Specifications, Designation: AWWA C600. The water main will be subjected to the hydrostatic pressure and leakage tests specified in the Special Provisions. Water for making the hydrostatic and leakage tests shall be furnished by the Contractor at his/her own expense and shall be of satisfactory bacteriological quality for drinking purposes.

"Only one connection of the new pipeline, as approved by the Owner, shall be made to the present system prior to pressure-testing the new pipeline. Contractor shall provide all temporary bulkheads/plugs required for testing. Contractor shall test the pipeline in sections as approved by Engineer. The test shall be made by closing valves and filling the lines slowly with water. Care shall be used to see that all air is released during the filling of the pipeline. After the line or section thereof, has been completely filled, it shall be allowed to stand under a slight pressure for sufficient time to allow the escape of air from any air pockets. During this period the hydrants, valves, and other connections shall be examined for leaks. If any are found, they shall be stopped prior to the pressure test.

PRESSURE / LEAK TEST

Only one connection to the new water main, as approved by the Engineer and the City of Evanston Water and Sewer Division, shall be made to the present system prior to pressure testing the new water main. The Contractor shall provide all temporary bulkheads / plugs required for testing.

The Contractor shall test the water main in sections as approved by the Engineer and the City of Evanston Water and Sewer Division. The test shall be made by closing valves and filling the lines slowly with water, care shall be used to see that all air is released during the filling of the water main. After the line or section has been completely filled, it shall be allowed to stand under slight pressure for sufficient time to allow the escape of air from any air pockets. During this period, the hydrants, valves and other connections shall be examined for leaks. If any are found, they shall be repaired prior to the start of the pressure / leak test.

The test shall consist of holding a pressure on the water main of 150 pounds per square inch (psi) for a period of at least two (2) hours. The pressure during the two hour test cannot vary by more than 5 psi for the duration of the test.

Leakage shall be defined as the quantity of water that must be supplied into the newly laid pipe or any valve section thereof to maintain pressure within 5 psi of the specified test pressure after the water main has been filled with water and the air has been expelled. This leakage will be calculated after the 2-hour test has been completed. The water necessary to bring the pressure

up to 150 psi from a measured container shall be the amount of leakage. Leakage will equal the amount of water used from the container.

No pipe installation will be accepted if the leakage is greater than that determined by the following formula:

$L = (S \times D \times \text{SQRT } P) / 133,200$ in inch-pound units:

Where:

L = allowable leakage, in gallons per hour

S = length of pipe tested, in feet

D = nominal diameter of the pipe, in inches

P = average test pressure during the leakage test, in psi (gauge)

Where it is not practical to pressure test the final connections to an existing water main, a visual inspection shall be carried out under normal working pressure before backfilling the trench. Any noticeable leakage shall be stopped and any defective pipe shall be replaced with new sections.

Add Article 561.07, which shall read as follows:

Disinfection of Water Main. Upon completion of the newly laid water main, the water main shall be disinfected according to the American Water Works Association, Procedure Designation: AWWA C651, except as modified herein. Bacteriological Tests shall follow AWWA C651 Option A, modified for sampling at 24 hour intervals as noted below.

Disinfection of Water Main

The basic disinfection procedure consists of:

- 1) Preventing contaminated materials from entering the water main during storage, construction or repair.
- 2) Removing, by flushing **at a velocity of 3.0 ft. /sec** those materials that may have entered the water main.
- 3) Chlorinating any residual contamination that may remain, and flushing the chlorinated water from the main.
- 4) Protecting the existing distribution system from backflow due to hydrostatic pressure test and disinfection procedures.
- 5) Determining the bacteriological quality by laboratory test after disinfection.
- 6) Final connection of the approved new water main to the active distribution system.

The Contractor shall provide all corporation cocks necessary for disinfection of the new water main. These corporation cocks shall be placed as necessary to facilitate testing and disinfection of the new water main, including chlorine application points and sample collecting points. These corporation cocks shall be located in valve vaults only, unless otherwise approved by the Engineer.

The new pipe shall be thoroughly flushed clean, at a velocity of 3.0 ft. /sec and pressure tested

before disinfection is attempted. All disinfecting work shall be done by the Contractor with the approval of the Engineer. Heavy particulates generally contain bacteria and prevent even very high chlorine concentrations from contacting and killing such organisms. It is therefore essential that the water main be thoroughly flushed before the final disinfection by chlorination is performed.

The method to be used for disinfecting the water main is referred to as the **Continuous-Feed Method using Chlorine Gas**. At a point not more than 10 feet downstream from the beginning of the new water main, water entering the new main shall receive a dose of chlorine fed at a constant rate such that the water will have not less than 50 milligrams per liter (mg/l) free chlorine at the discharge end. The chlorine solution must be distributed uniformly throughout the length of the water main being disinfected.

After the contact period of not less than 24 hours, the water main shall be flushed until chlorine concentration of the water leaving the new water main is no higher than that generally prevailing in the distribution system (under one milligram per liter (mg/l)).

If there is any possibility that the chlorinated water will cause damage to the environment, then a neutralizing chemical shall be applied to the water to be wasted to neutralize thoroughly the chlorine residual remaining in the water. This neutralizing chemical must be approved for that purpose.

After final flushing and before the new water main is connected to the City's water distribution system, two consecutive sets of acceptable samples (no bacteria growth), taken at least 24 hours apart, shall be collected from the new water main. The second days' sample will be collected using only the water main pressure, no water main valves will be open for this sample and no flushing will be permitted. At least one set of samples shall be collected from every 1,200 feet of the new water main, plus one set from the end of the line, and at least one set from each branch or as required by the Owner.

Sampling for bacteriological analysis shall be collected in sterile bottles treated with sodium thiosulfate as required by Standard Methods for the Examination of Water and Wastewater. No hose or fire hydrant shall be used to collect samples. Corporation cocks may be installed in the water main with a copper tube gooseneck assembly to obtain samples. After samples have been collected, the gooseneck assemblies must be removed.

The City of Evanston will take the samples and perform the lab testing. For acceptance, two consecutive sets of samples, taken at 24 hour intervals, shall indicate bacteriologically satisfactory water.

If the initial disinfection fails to produce satisfactory bacteriological results, the new water main may be reflashed and shall be resampled. For each time the City must resample, the Contractor shall be assessed fees to cover City costs as outlined below. If these samples also fail to produce acceptable results, the water main shall be rechlorinated by the continuous feed method until satisfactory results are obtained.

Failure to follow this procedure during pressure and chlorination testing may result in unacceptable results and may require the Contractor to incur additional costs in re-testing and cause project completion delays.

The interior of all mainline pipe, service pipe, fittings, valves, corporation stops, curb stops, and other water main or water service components which are likely to come in contact with potable

water immediately after their installation or before chlorine-gas disinfection can be accomplished, shall be swabbed, soaked, or sprayed with a 2 percent hypochlorite solution before they are installed.

The Contractor shall provide all corporation cocks necessary for disinfecting the new pipeline. These corporation cocks shall be placed as necessary to facilitate testing and disinfection of the new water main, including chlorine application points and sample collecting points. These corporation cocks shall be located in valve vaults. The new pipeline shall be flushed clean before disinfection is attempted. All disinfecting work shall be done by the Contractor under the direction and with the cooperation of the Owner."

Contractors will be charged for each of the following additional tests when necessary because of Contractor's failure to pass the initial test:

Each Additional Pressure Test	\$167.00
Each Additional Chlorination	\$167.00
Each Additional Flushing and Sample Collection	\$167.00
Each Additional Sample Analysis (laboratory fee)	\$25.00

Add Article 561.08, which shall read as follows:

"561.08 Sequence of Work. Contractor shall submit a work plan indicating the sequence of water main installation not less than ten (10) calendar days prior to the planned start of work. This work plan shall include information as to where and how the flushing, pressure testing, and disinfection of the new pipeline will be carried out in such manner that will cause the least amount of water service interruption to the water customers. The work plan must be approved by the Owner prior to installation of any water mains and shall conform to the following general sequences of installation listed.

Items of Work shall be completed in the following sequence unless otherwise approved in writing by the Engineer:

- 1) Placement of Temporary Traffic Control and Protection
- 2) Posting of No Parking Sign
- 3) Tree Protection Measures (Tree Canopy Pruning, Tree Root Pruning, Temporary Fencing)
- 4) Exploration Trenches, as needed
- 5) Water Main Installation and Patching of Trench with temporary Hot-Mix Asphalt (To be completed at the end of each day)
- 6) Water Main Testing
- 7) Water Service Installation and Transfers, Final Interconnection, and Sewer Work
- 8) Permanent Trench Pavement Patching and HMA resurfacing and Concrete Curb and Sidewalk Repairs
- 9) Initial Parkway Restoration (Final Grading of Topsoil) – Partial Completion Met
- 10) Pavement Marking - **Substantial Completion Met**
- 11) Final Parkway Restoration (Installation of Sodding)
- 12) Punch List Work

CHURCH STREET FROM MCDANIEL AVENUE TO FLORENCE AVENUE:

The proposed 10" water main and 8" water main (DIP, Class 54, Push-On Joints for Open Cut/Restrained Joints for Directionally Drilled) shall be installed on Church Street from McDaniel Avenue to Dewey Avenue Extension - Mason Park. This water main project has two

parts, hence, with two initial connections: 1) will commence from Pitner Avenue and broken down to three sections and 2) will commence from Darrow Avenue and broken down to two sections, as follows.

PART A: Church Street (McDaniel Avenue to Dodge Avenue)

Section 1; Church Street from Pitner Avenue to McDaniel Avenue

Section 2; Church Street from Pitner Avenue to Hovland Avenue

Section 3; Church Street from Hovland Avenue to Dodge Avenue

PART B: Church Street (Darrow Avenue to Dewey Avenue Extension - Mason Park)

Section 4; Church Street from Darrow Avenue to Dodge Avenue

Section 5; Church Street from Darrow Avenue to Dewey Avenue Extension - Mason Park

Exploratory trench should be performed on the existing 10" water main on Pitner Avenue and on the existing 8" water main on Darrow Avenue prior to initial connections.

PART A: Church Street (McDaniel Avenue to Dodge Avenue)

As indicated on the plans for initial connections, the Contractor will install the proposed 10"x10" tee, reducer, valves and the proposed mechanical joint cap/plug just north of this tee on the existing 10" water main on Pitner Avenue and Church Street. All materials necessary to perform this task should be on the field at least 1 day prior to work on this task. Provide temporary asphalt at the crossings and provide traffic protection for this assembly.

Section 1; Church Street from Pitner Avenue to McDaniel Avenue

To continue west, at Sta. 9+14.60 @ 15.0' LT, the Contractor will install the proposed 10" to 8" reducer and the proposed 8" valve in valve vault. On both sides of the valve, provide a 1" corporation stop with 1" copper pipe extension adjacent to the 8" valve for testing. The 8" water main will continue west to McDaniel Avenue. All materials necessary to perform this task should be on the field at least 1 day prior to work on this task. Provide temporary asphalt at the crossings and provide traffic protection for this assembly.

Contractor shall save the existing curb.

At Sta. 9+05 and 9+00, install a 45° bends to avoid the existing 6" water main along Church Street as shown in the plans.

At Sta. 8+82, the Contractor will install a 8"x4" tee and 4" valve in valve box for the #2201 Church Street (High School Field House) water service. Use foster adaptors for the 4" valve connection, incidental. The contractor is required to provide traffic protection for this assembly. To continue west, the Contractor may prepare the 8'x20' drilling/receiving pit at Sta. 8+80. The Contractor will directionally drill the new 8" water main to or from the 8'x20' drilling/receiving pit at Sta. 5+00.

At Sta. 7+00, install an 8"x6" tee for the fire hydrant at the northeast side of Church Street and Lemar Avenue.

At Sta. 5+00 @ 13.0' LT, install a 8"x8" tee and continue south for interconnections to existing 8" water main along Fowler Avenue as shown in the plans, install the 8" in-line valve in valve vault and temporary flushing fire hydrant for testing. On both sides of the valve, provide a 1" corporation stop with 1" copper pipe extension adjacent to the 8" valve for testing. Also, provide temporary asphalt and traffic protection for this assembly.

The proposed 8" water main will continue west, the Contractor may use the 8'x20' drilling/receiving pit at Sta. 5+00. The Contractor will directionally drill the new 8" water main to or from the 8'x20' drilling/receiving pit at Sta. 1+00.

At Sta. 3+80 @ 13.0' LT, install a 8"x6" tee as shown in the plans, install the 6" in-line valve in valve box for interconnections to existing 6" water main along Leland Avenue (North). Use foster adaptors for the 6" valve connection, incidental. Also, provide temporary asphalt and traffic protection for this assembly.

At Sta. 1+09, the Contractor will install 8" in-line valve in valve vault.

At Sta. 0+95 @ 13.0' LT, install a 8"x6" tee as shown in the plans, install the 6" in-line valve in valve box for interconnections to existing 6" water main along McDaniel Avenue (North). Use foster adaptors for the 6" valve connection, incidental. Also, provide temporary asphalt and traffic protection for this assembly.

At Sta. 0+80 @ 13.0' LT, install a 8"x 8" tee and continue south as shown in the plans, install the 8" in-line valve in valve vault for interconnections to existing 8" water main along McDaniel Avenue (South). On both sides of the valve, provide a 1" corporation stop with 1" copper pipe extension adjacent to the 8" valve for testing. Just south of this 8" valve install a temporary flushing fire hydrant for testing.

At Sta. 0+80 @ 40.0' LT to continue north as shown in the plans, install the 8" in-line valve in valve vault for future interconnections to new 8" water main along McDaniel Avenue (North). Just south of this 8" valve, install a 8"x6" tee for the fire hydrant at the northwest side of McDaniel Ave. and Church St. On both sides of the valve, provide a 1" corporation stop with 1" copper pipe extension adjacent to the 8" valve for testing. Also, provide temporary asphalt and traffic protection for these assemblies.

The new water mains may be flushed, pressure tested and chlorinated. After the acceptance of the disinfection testing, the water services may be tapped. An "exploratory trench" should be performed on the existing water mains on McDaniel Avenue, on Leland Avenue and on Fowler Avenue prior to interconnection. The final connections to the existing water main as indicated on the plans may then be made within 4-hour shut-down after all the water services were transferred to the new water main. All non-pressure connections to existing water mains will not be paid for separately but considered incidental to other water main work items.

Section 2; Church Street from Pitner Avenue to Hovland Avenue

To continue east, at Sta. 9+20.60 @ 15.0' LT, the Contractor will install the proposed 10" valve in valve vault. On both sides of the valve, provide a 1" corporation stop with 1" copper pipe extension adjacent to the 10" valve for testing. The 10" water main will continue east to Hovland Avenue. All materials necessary to perform this task should be on the field at least 1 day prior to work on this task. Provide temporary asphalt at the crossings and provide traffic protection for this assembly.

Contractor shall save the existing curb.

At Sta. 9+25.60 and 9+30.60, install a 45° bends to avoid the existing 10" water main along Church Street as shown in the plans.

To continue east, the Contractor may prepare the 8'x20' drilling/receiving pit at Sta. 9+20. The Contractor will directionally drill the new 10" water main to or from the 8'x20' drilling/receiving pit at Sta. 12+70.

At Sta. 11+67, install an 10"x6" tee for the fire hydrant at the north side of Church Street, west of Hartrey Avenue.

At Sta. 13+43.60 @ 13.0' LT, install a 10"x10" tee and continue north for interconnections to existing 10" water main along Hartrey Avenue as shown in the plans, install the 10" in-line valve in valve vault. Just south of this 10" valve, install a 10"x6" tee for the fire hydrant at the northeast side of Hartrey Ave. and Church St. On both sides of the valve, provide a 1" corporation stop with 1" copper pipe extension adjacent to the 10" valve for testing. Also, provide temporary asphalt and traffic protection for this assembly.

To continue east, at Sta. 13+46 @ 13.0' LT, the contractor will install the proposed 10" to 8" reducer then the proposed 8" valve in valve vault.

The Contractor may prepare the 8'x20' drilling/receiving pit at Sta. 13+70. The Contractor will directionally drill the new 8" water main to or from the 8'x20' drilling/receiving pit at Sta. 16+00.

At Sta. 16+62 @ 13.0' LT, install a 8"x8" tee as shown in the plans, install the 8" in-line valve in valve box for interconnections to existing 8" water main along Grey Avenue (North). Use foster adaptors for the 8" valve connection, incidental. Also, provide temporary asphalt and traffic protection for this assembly.

The Contractor may prepare the 8'x20' drilling/receiving pit at Sta. 16+80. The Contractor will directionally drill the new 8" water main to or from the 8'x20' drilling/receiving pit at Sta. 19+10.

At Sta. 16+81, install an 8"x6" tee for the fire hydrant at the northeast of Church Street and Grey Avenue.

At Sta. 19+27, the Contractor will install 8" in-line valve in valve vault.

At Sta. 19+80 @ 13.0' LT, install a 8"x8" tee as shown in the plans, install the 8" in-line valve in valve box for interconnections to existing 8" water main along Hovland Avenue (North). Use foster adaptors for the 8" valve connection, incidental. Also, provide temporary asphalt and traffic protection for this assembly.

At Sta. 20+10 @ 13.0' LT to continue east as shown in the plans, install the 8" in-line valve in valve vault. Just west of this 8" valve, install a 8"x6" tee for the fire hydrant at the northeast side of Hovland Ave. and Church St. On both sides of the valve, provide a 1" corporation stop with 1" copper pipe extension adjacent to the 8" valve for testing. Also, provide temporary asphalt and traffic protection for these assemblies.

The new water mains may be flushed, pressure tested and chlorinated. After the acceptance of the disinfection testing, the water services may be tapped. An "exploratory trench" should be performed on the existing water mains on Hartrey Avenue, on Grey Avenue and on Hovland Avenue prior to interconnection. The final connections to the existing water main as indicated on the plans may then be made within 4-hour shut-down after all the water services were transferred to the new water main. All non-pressure connections to existing water mains will not be paid for separately but considered incidental to other water main work items.

Section 3; Church Street from Hovland Avenue to Dodge Avenue

This water main section will commence after the Church Street Section 2 water main passed the required testing. To continue east, the Contractor may prepare the 8'x20' drilling/receiving pit at Sta. 20+00. The Contractor will directionally drill the new 8" water main to or from the 8'x20' drilling/receiving pit at Sta. 22+30.

Contractor shall save the existing curb.

At Sta. 22+50 and 22+60, install a 22.50° bends to avoid the existing 8" water main along Church Street as shown in the plans

At Sta. 22+91 @ 17.20' LT, install a 8"x8" tee as shown in the plans, install the 8" in-line valve in valve box for interconnections to existing 8" water main along Brown Avenue (North). Use foster adaptors for the 8" valve connection, incidental. Also, provide temporary asphalt and traffic protection for this assembly.

To continue east, the Contractor may prepare the 8'x20' drilling/receiving pit at Sta. 23+20. The Contractor will directionally drill the new 8" water main to or from the 8'x20' drilling/receiving pit at Sta. 25+25.

At Sta. 24+75, the Contractor will install a 8"x6" tee and 6" valve in valve box for the #1911 Church Street water service. Use foster adaptors for the 6" valve connection, incidental. The contractor is required to provide traffic protection for this assembly.

At Sta. 25+40 @ 17.20' LT, install the 8" in-line valve in valve vault. On both sides of the valve, provide a 1" corporation stop with 1" copper pipe extension adjacent to the 8" valve for testing. Just east of this 8" valve install a temporary flushing fire hydrant for testing. Also, provide temporary asphalt and traffic protection for these assemblies.

The new water mains may be flushed, pressure tested and chlorinated. After the acceptance of the disinfection testing, the water services may be tapped. An "exploratory trench" should be performed on the existing water mains on Brown Avenue and on Church Street prior to interconnection. The final connections to the existing water main as indicated on the plans may then be made within 4-hour shut-down after all the water services were transferred to the new water main. All non-pressure connections to existing water mains will not be paid for separately but considered incidental to other water main work items.

PART B: Church Street (Dodge Avenue to Dewey Avenue Extension-Mason Park)

As indicated on the plans for initial connections, the Contractor will install the proposed 8" x 8" cross, valves and the proposed 8" valve in valve box just north of this cross on the existing 8" water main on Darrow Avenue and Church Street. Use foster adaptor for the 8" valve connection to the proposed cross, incidental. All materials necessary to perform this task should be on the field at least 1 day prior to work on this task. Provide temporary asphalt at the crossings and provide traffic protection for this assembly.

Section 4; Church Street from Darrow Avenue to Dodge Avenue

To continue west, at Sta. 30+19 @ 15.0' LT, the Contractor will install the proposed 8" valve in valve vault. On both sides of the valve, provide a 1" corporation stop with 1" copper pipe extension adjacent to the 8" valve for testing. The 8" water main will continue west to Dodge Avenue. All materials necessary to perform this task should be on the field at least 1 day prior

to work on this task. Provide temporary asphalt at the crossings and provide traffic protection for this assembly.

Contractor shall save the existing curb.

The Contractor may prepare the 8'x20' drilling/receiving pit at Sta. 29+80. The Contractor will directionally drill the new 8" water main to or from the 8'x20' drilling/receiving pit at Sta. 26+80.

At Sta. 26+90 @ 10.50' LT, install the 8" in-line valve in valve vault. On both sides of the valve, provide a 1" corporation stop with 1" copper pipe extension adjacent to the 8" valve for testing. Just west of this 8" valve install a temporary flushing fire hydrant for testing. Also, provide temporary asphalt and traffic protection for these assemblies.

The new water mains may be flushed, pressure tested and chlorinated. After the acceptance of the disinfection testing, the water services may be tapped. An "exploratory trench" should be performed on the existing 8" water main on Church Street prior to interconnection. The final connections to the existing water main as indicated on the plans may then be made within 4-hour shut-down after all the water services were transferred to the new water main. All non-pressure connections to existing water mains will not be paid for separately but considered incidental to other water main work items.

Section 5; Church Street from Darrow Avenue to Dewey Avenue Extension-Mason Park

To continue east, at Sta. 30+29 @ 15.0' LT, the Contractor will install the proposed 8" valve in valve vault. On both sides of the valve, provide a 1" corporation stop with 1" copper pipe extension adjacent to the 8" valve for testing. The 8" water main will continue east to Dewey Avenue Extension-Mason Park. All materials necessary to perform this task should be on the field at least 1 day prior to work on this task. Provide temporary asphalt at the crossings and provide traffic protection for this assembly.

Contractor shall save the existing curb.

The Contractor may prepare the 8'x20' drilling/receiving pit at Sta. 30+80. The Contractor will directionally drill the new 8" water main to or from the 8'x20' drilling/receiving pit at Sta. 32+50.

At Sta. 32+94.20 @ 15.0' LT, install a 8"x6" tee as shown in the plans, install the 6" in-line valve in valve box for interconnections to existing 6" water main along Dewey Avenue Extension-Mason Park (South). Use foster adaptors for the 6" valve connection, incidental. Also, provide temporary asphalt and traffic protection for this assembly.

At Sta. 33+23 @ 15.0' LT, install the 8" in-line valve in valve vault. On both sides of the valve, provide a 1" corporation stop with 1" copper pipe extension adjacent to the 8" valve for testing.

At Sta. 33+28, install a 8"x6" tee for the fire hydrant on the north side of Church Street and plug/cap the east leg for future water main project. Also, provide temporary asphalt and traffic protection for these assemblies.

The new water mains may be flushed, pressure tested and chlorinated. After the acceptance of the disinfection testing, the water services may be tapped. An "exploratory trench" should be performed on the existing 8" water main on Church Street prior to interconnection. The final connections to the existing water main as indicated on the plans may then be made within 4-hour shut-down after all the water services were transferred to the new water main. All non-

pressure connections to existing water mains will not be paid for separately but considered incidental to other water main work items.

GENERAL REQUIREMENTS

All water main construction for all streets and sections shall conform to the following two general requirements (as well as the detailed sequencing for each street).

Water Services

Residents affected by the installation of new water services must be notified **48 hours, 24 hours in advance, and 15 minutes prior to the shutoff.**

The Owner has made an attempt to collect Right-of-Entry (ROE) documents for all properties impacted by the watermain work on this project. ROE forms are required by the Contractor prior to entering or performing any work on private property, and the Contractor shall work with the Engineer to collect all remaining ROE forms not received during performance of the work. Existing services that are public replacements may be constructed of lead, copper or other material.

For those properties with a signed ROE, the Contractor shall schedule Preliminary Investigation appointments with the property owner to obtain a signed Property Owner Agreement form, and for the Contractor to develop a Preconstruction survey showing the proposed location of the new water service. Scheduling of the Preliminary Investigation is at the convenience of the Property Owner and shall include the Property Owner, Engineer, and Contractor. Once the Property Owner Agreement form and Pre-Construction Layout drawing are submitted and approved by the Engineer, the Contractor can schedule the water service replacement work with the Property Owner.

The Contractor shall use the City's designated web-based application (no additional charge to Contractor) as the sole platform for resident outreach and Contract documentation. At a minimum, the Contractor shall:

- log and track all outreach activities and resident communications. Contractor shall perform a minimum of four (4) outreach methods using a combination of methods including email, phone call, text messaging and door knocking when applicable. A minimum of two (2) types of methods shall be performed by the Contractor;
- schedule and record preconstruction surveys, including appointment dates/times and any changes thereto, outcomes, and notes;
- schedule and record planned construction dates and any changes thereto, including reasons for rescheduling; and

All entries and uploads shall be made in the application by end of business day on the day the action was performed. Such action shall include outreach contact, survey, schedule confirmation/change, or field activity, unless otherwise approved in writing by the City. The Contractor shall be responsible for ensuring all staff performing outreach, inspections, or construction documentation are trained and actively using the application throughout the duration of the Contract. The City may withhold payment for work items lacking the required application entries.

Full Replacement of lead water service replacement work will include replacement of the

existing lead water service with minimum 1.5" copper pipe from the water main to the meter in the home, and connection to the interior plumbing. For homes with identified lead services lines which the Engineer has not received a fully executed right-of-entry form, the service line shall be replaced with minimum 1.5" copper pipe with a reducer to connect to the remaining privately-owned portion of the service line (Public Replacement as shown in the Drawings). Contractor shall match existing diameters larger than 1.5" with in-kind diameters. Any outdoor space impacted by this work will be restored in-kind, as agreed upon between the Contractor and the property owner on the Property Owner Agreement form prior to the initiation of the work. Relocation of items within the home to accommodate the work will be agreed upon between the property owner and the Contractor prior to signing the Property Owner Agreement form. Any restoration within the home outside of patching of the concrete structure (as shown on the Drawings) such as re-tiling, installing drywall, or other finishes will be performed by Others.

A summary of ROE's received at the time of bidding are provided in the Appendix.

The Contractor must flush the new water service and make every effort to ensure debris does not enter the existing portion of the water service as the new installation takes place. All water services shall be perpendicular to the new water main to the new round way and B Box. Provide pipe insulation for cover 4.5 ft to 5 ft. (Incidental to various pay Items).

Following completion of the water service replacement, the Contractor shall submit a Post-Construction Layout Drawing making any adjustments to the Pre-Construction Layout Drawing as necessary to identify the installed location of the water service and to show full and/or private replacements.

Final Interconnections

After all of the water services have been installed and are in service the Contractor will make the connection(s) to the existing water main(s) as indicated in the plans.

The Contractor shall notify the Utilities Department 48 hours in advance of initiating these connections to allow the Utilities Department sufficient time to notify residents of the water service interruption and schedule the necessary valve closures. Only Utilities Department personnel may operate existing valves in the distribution system.

The Contractor must be prepared to make these connections in a timely fashion. A maximum of four (4) hours will be allowed per shutdown to complete the connections to existing water mains. Because these connections cannot be pressure tested or chlorinated, the Contractor must swab all pipe and fittings with a 2% hypochlorite solution using a new, clean long-string mop and the new section of main must be pressurized prior to backfilling. The Contractor shall also swab and chlorinate water main sections as outlined above that branch off the "main line" water main that may be difficult to properly flush.

Prior to back filling the Contractor must install the appropriate sized MJ end cap on the open end of all of the abandoned water main. Concrete blocks shall be installed beneath all of the connection points between the old and new water mains.

THE CONTRACTOR SHALL SUBMIT, FOR REVIEW BY THE CITY, A DETAILED CONSTRUCTION SCHEDULE AT THE PRE-CONSTRUCTION MEETING IN ACCORDANCE WITH GUIDELINES OUTLINED IN THE SPECIFICATIONS.

Payment shall be made at the Contract unit price per LINEAR FOOT for each of the various sizes of DUCTILE IRON WATERMAIN, actually installed as specified, measured in place. These Contract unit prices shall be payment in full for all materials, labor, and equipment required for: site preparation, including removal, replacement and/or repair of fences and other site objects; trench excavation, including removal and disposal of existing pipes, structures, and excess excavated materials; protection, support and repair of damage to existing utilities; support of trench walls; shoring and bracing; dewatering of trenches; pipe; bends; fittings; restraining glands; installation and removal of temporary fire hydrants, which will be provided by the City; thrust blocks; plugging existing water mains; support of pipe at water main connections; joint materials; hydrostatic testing; disinfection; corporation stops used for disinfection; bedding; backfill placement, compaction and compaction testing; testing; correction of defects; and, other work required to complete the installation which is not included under other Payment Items.

Payment shall also be made at the Contract unit price per EACH for WATER VALVES, of the size specified; for PIPES, EXTENSION, FIRE HYDRANT WITH AUXILLARY VALVE AND VALVE BOX AND FH PIPE RUN AND EXTENSIONS OR REDUCTION OF HEIGHT, of the size specified; for VALVE BOXES, of the size specified; for PRESSURE CONNECTION; for TAPPING SLEEVE, of the size specified; and for WATER MAIN LINE STOP, of the size specified.

The City will furnish temporary fire hydrants which are to be installed by the Contractor at the locations designated on the plans for the purpose of flushing the newly installed water main clean at a velocity of 3.0 ft. /sec. Prior to the final water main interconnections, the Contractor shall remove the temporary fire hydrant, store it in a safe location, and contact the City for pick up. This work shall be incidental to the water main construction, and no separate payment shall be made.

These items shall not include the cost of pavement, sidewalk, driveway, and curb/gutter removal and disposal within the pay limits show on the Drawings. Roadway, sidewalk, driveway, and curb/gutter removal/ replacement within pay limits or as directed by the Engineer shall be paid for in accordance with the appropriate Payment Items.

Roadway, sidewalk, driveway, and curb/gutter removal/replacement outside the pay limits shown on the Drawings required for completion of the Work or for Contractor's purposes shall be incidental to combined sewer, relief sewer, storm sewer, sanitary sewer, and water main construction and no separate payment shall be made.

Additional water service submittals include the following:

PROPERTY OWNER AGREEMENT FORM: Agreement form fully executed by the Contractor, Property Owner, and the Engineer for each property authorized to perform Full Lead Service Line Replacement at least 5 days prior to performing the Work.

PRE-CONSTRUCTION LAYOUT DRAWING: Layout drawing showing the planned alignment of the new water service signed by the Contractor and the Owner's designated plumbing inspector at least 5 days in advance to performing the Work showing the planned location of the new water service for each home authorized to perform Full Lead Service Line Replacements.

POST-CONSTRUCTION LAYOUT DRAWING: Layout drawing showing the final alignment of the new water service signed by the Contractor within 5 days of performing a Full Lead Service Line Replacement. The drawing shall show the final location and alignment of the new water service for each home.

DUCTILE IRON WATER MAIN (DIRECTIONALLY DRILLED)

Ductile iron pipe installed via horizontal directional drilling shall utilize U.S. Pipe's FIELD LOK 350® Gaskets or equivalent for joint restraint. The restraint provided shall be a boltless, integral restraining system and shall be rated for 350 psi in accordance with the performance requirements of ANSI/AWWA C111/A21.11.

WORK INCLUDED: The work specified in this section consists of furnishing and installing underground utilities using the horizontal directional drilling (HDD) method of installation, also commonly referred to as directional boring or guided horizontal boring. This work shall include all services, equipment, materials, and labor for the complete and proper installation, testing, restoration of underground utilities and environmental protection and restoration.

QUALITY ASSURANCE: The requirements set forth in this document specify a wide range of procedural precautions necessary to insure that the very basic, essential aspect of a proper directional bore installation are adequately controlled. Strict adherence shall be required under specifically covered conditions outlined in this specification. Adherence to the specifications contained herein, or the Engineer's approval of any aspect of any directional bore operation covered by this specification, shall in no way relieve the Contractor of their ultimate responsibility for the satisfactory completion of the work authorized under the Contract.

SUBMITTALS

WORK PLAN: Prior to beginning work, the Contractor must submit to the Engineer a work plan detailing the procedure and schedule to be used to execute the project. The work plan should include a description of all equipment to be used, down-hole tools, a list of subcontractors, a schedule of work activity, a safety plan, an environmental protection plan and contingency plans for possible problems. Work plan should be comprehensive, realistic and based on actual working conditions for this particular project. Plan should document the thoughtful planning required to successfully complete the project.

EQUIPMENT: Contractor will submit specifications on directional drilling equipment. Equipment shall include but not be limited to: drilling rig, mud system, mud motors (if applicable), down-hole tools, guidance system, and rig safety systems. Calibration records for guidance equipment shall be included. Specifications for any drilling fluid additives that Contractor intends to use or might use will be submitted.

MATERIAL: Specifications on material to be used shall be submitted to Engineer. Material shall include the pipe, fittings and any other item which is to be an installed component of the project.

EQUIPMENT REQUIREMENTS

WORK INCLUDED: The directional drilling equipment shall consist of a directional drilling rig of sufficient capacity to perform the bore and pullback the pipe, a drilling fluid mixing, delivery and recovery system of sufficient capacity to successfully complete the crossing, a drilling fluid recycling system to remove solids from the drilling fluid so that the fluid can be re-used, a

guidance system to accurately guide boring operations, a vacuum truck of sufficient capacity to handle the drilling fluid volume, trained and competent personnel to operate the system. All equipment shall be in good, safe operating condition with sufficient supplies, materials and spare parts on hand to maintain the system in good working order for the duration of this project.

DRILLING SYSTEM

DRILLING RIG: The directional drilling machine shall consist of a hydraulically powered system to rotate, push and pull hollow drill pipe into the ground at a variable angle while delivering a pressurized fluid mixture to a guidable drill (bore) head. The machine shall be anchored to the ground to withstand the pulling, pushing and rotating pressure required to complete the crossing. The hydraulic power system shall be self-contained with sufficient pressure and volume to power drilling operations. Hydraulic system shall be free of leaks. Rig shall have a system to monitor and record maximum pull-back pressure during pull-back operations. The rig shall be grounded during drilling and pull-back operations. There shall be a system to detect electrical current from the drill string and an audible alarm which automatically sounds when an electrical current is detected.

DRILL HEAD: The drill head shall be steerable by changing its rotation and shall provide the necessary cutting surfaces and drilling fluid jets.

MUD MOTORS (if required): Mud motors shall be of adequate power to turn the required drilling tools.

DRILL PIPE: Shall be constructed of high quality 4130 seamless tubing, grade D or better, with threaded box and pins. Tool joints should be hardened to 32-36 RC.

GUIDANCE SYSTEM

MAGNETIC GUIDANCE SYSTEM: A Magnetic Guidance System (MGS) or proven gyroscopic system shall be used to provide a continuous and accurate determination of the location of the drill head during the drilling operation. The guidance shall be capable of tracking at all depths up to one hundred feet and in any soil condition, including hard rock. It shall enable the driller to guide the drill head by providing immediate information on the tool face, azimuth (horizontal direction), and inclination (vertical direction). The guidance system shall be accurate to +/-2% of the vertical depth of the borehole at sensing position at depths up to one hundred feet and accurate within 1.5 meters horizontally.

The Guidance System shall be of a proven type and shall be operated by personnel trained and experienced with this system. The Operator shall be aware of any magnetic anomalies on the surface of the drill path and shall consider such influences in the operation of the guidance system if using a magnetic system.

DRILLING FLUID (MUD) SYSTEM

MIXING SYSTEM: A self-contained, closed, drilling fluid mixing system shall be of sufficient size to mix and deliver drilling fluid. Mixing system shall continually agitate the drilling fluid during drilling operations.

DRILLING FLUIDS: Drilling fluid shall be composed of clean water and appropriate additives clay. Water shall be from an authorized source with a pH of 8.5-10. Water of a lower pH or with excessive calcium shall be treated with the appropriate amount of sodium carbonate or equal. The water and additives shall be mixed thoroughly and be absent of any clumps or clods. No potentially hazardous material may be used in drilling fluid.

DELIVERY SYSTEM: The delivery system shall have filters in-line to prevent solids from being pumped into the drill pipe. Connections between the pump and drill pipe shall be relatively leak-free. Used drilling fluid spilled during drilling operations shall be contained and conveyed to the drilling fluid recycling system. A berm, minimum of 12" high, shall be maintained around drill rigs, drilling fluid mixing system, entry and exit pits and drilling fluid recycling system to prevent spills into the surrounding environment. Pumps and or vacuum truck(s) of sufficient size shall be in place to convey excess drilling fluid from containment areas to storage and recycling facilities.

DRILLING FLUID RECYCLING SYSTEM: The drilling fluid recycling system shall separate sand, dirt and other solids from the drilling fluid to render the drilling fluid re-usable. Spoils separated from the drilling fluid will be stockpiled for later use or disposal at the Contractor's expense.

OTHER EQUIPMENT

PIPE RAMMERS: Hydraulic or pneumatic pipe rammers may only be used if necessary and with the authorization of Engineer.

RESTRICTIONS: Other devices or utility placement systems for providing horizontal thrust other than those previously defined in the preceding sections shall not be used unless approved by the Engineer prior to commencement of the work. Consideration for approval will be made on an individual basis for each specified location. The proposed device or system will be evaluated prior to approval or rejection on its potential ability to complete the utility placement satisfactorily without undue stoppage and to maintain line and grade within the tolerances prescribed by the particular conditions of the project.

OPERATIONS

GENERAL: The Engineer must be notified 48 hours in advance of starting work. The Directional Bore shall not begin until the Engineer is present at the job site and agrees that proper preparation for the operation have been made. The engineer approval for beginning the installation shall in no way relieve the Contractor of the ultimate responsibility for the satisfactory completion of the work as authorized under the Contract. It shall be the responsibility of Engineer to provide observation personnel at such times as appropriate without causing undue hardship by reason of delay to the Contractor.

PERSONNEL REQUIREMENTS: All personnel shall be fully trained in their respective duties as part of the directional drilling crew and in safety. Each person must have at least three (3) years directional drilling experience. A responsible representative who is thoroughly familiar with the equipment and type of work to be performed, must be in direct charge and control of the operation at all times. In all cases, the supervisor must be continually present at the job site during the actual Directional Bore operation. The Contractor shall have a sufficient number of competent workers on the job at all times to insure the Directional Bore is made in a timely and satisfactory manner.

DRILLING PROCEDURE

SITE PREPARATION: Prior to any alterations to work-site, contractor shall photograph or video tape entire work area, including entry and exit points. One copy of which shall be given to engineer and one copy is to remain with contractor for a period of one year following the completion of the project. Work site as indicated on drawings, within right-of-way, shall be graded or filled to provide a level working area. No alterations beyond what is required for operations are to be made. Contractor shall confine all activities to designated work areas.

DRILL PATH SURVEY AND "POTHOLING": The contractor shall provide for "potholing" or excavation, if required, to locate existing service lines and utilities prior to installing water main through that segment. All such exploratory excavations shall utilize a vacuum truck to minimize disturbance to the surface and the existing utilities. The Contractor shall properly dispose of all material removed shall be disposed of off-site. When paralleling other utilities within five (5) feet, potholing may be required along the utility every twenty-five (25) feet. The entire drill path shall be accurately surveyed with entry and exit stakes placed in the appropriate locations within the areas indicated on drawings. If contractor is using a magnetic guidance system, drill path will be surveyed for any surface magnetic variations or anomalies.

ENVIRONMENTAL PROTECTION: Contractor shall place silt fence between all drilling operations and any drainage, wetland, waterway or other area designated for such protection by contract documents, state, federal and local regulations. Additional environmental protection necessary to contain any hydraulic or drilling fluid spills shall be put in place, including berms, liners, turbidity curtains and other measures. Contractor shall adhere to all applicable environmental regulations. Fuel may not be stored in bulk containers within 200 feet of any water-body or wetland.

SAFETY: Contractor shall adhere to all applicable state, federal and local safety regulations and all operations shall be conducted in a safe manner. Safety meetings shall be conducted at least weekly with a written record of attendance and topic submitted to Engineer.

PIPE: Pipe shall be butt-fused together in one length. Pipe will be placed on pipe rollers before pulling into bore hole with rollers spaced close enough to prevent excessive sagging of pipe.

PILOT HOLE: Pilot hole shall be drilled on bore path with no deviations greater than 5% of depth over a length of 100 feet. In the event that pilot does deviate from bore path more than 5% of depth in 100 feet, contractor will notify Engineer and the Engineer may require contractor to pull-back and re-drill from the location along bore path before the deviation. In the event that a drilling fluid fracture, inadvertent returns or returns loss occurs during pilot hole drilling operations, contractor shall cease drilling, wait at least 30 minutes, inject a quantity of drilling fluid with a viscosity exceeding 120 seconds as measured by a Marsh funnel and then wait another 30 minutes. If mud fracture or returns loss continues, contractor will cease operations and notify Engineer. Contractor shall provide sufficient silt fence, vacuum trucks or other means required to contain all mud and/or remove it from the site. No additional compensation will be allowed for containment or cleanup of mud fractures.

REAMING: Upon successful completion of pilot hole, contractor will ream bore hole to a minimum of 25% greater than outside diameter pipe using the appropriate tools. Contractor will not attempt to ream at one time more than the drilling equipment and mud system are designed to safely handle.

PULL-BACK: After successfully reaming bore hole to the required diameter, contractor will pull the pipe through the bore hole. In front of the pipe will be a swivel and reamer to compact bore hole walls. Once pull-back operations have commenced, operations must continue without interruption until pipe is completely pulled into bore hole. During pull-back operations, contractor will not apply more than the maximum safe pipe pull pressure at any time. The contractor shall install a test section of pipe, which will fail prior to damaging the water main or joint restraint, attached to the front of the pull-back pipe. At no time shall the pull-back force exceed the maximum forces specified by the pipe or joint restraint manufacturer for the size and/or dimension ratio of pipe being installed. In the event that pipe becomes stuck, contractor will cease pulling operations to allow any potential "hydro-lock" to subside and will commence pulling operations. If pipe remains stuck, contractor will notify Engineer. Engineer and contractor will review available options and then work will proceed accordingly.

DUCTILE IRON WATER MAIN (DIRECTIONALLY DRILLING, of size specified, shall be paid for at the contract unit price per FOOT, which shall be full compensation for all materials, equipment and labor necessary to complete the work.

WATER SERVICE LINE

Delete Article 562.01 and replace it with the following:

"562.01 Description

- (a) Water service 2" diameter and less.

Full and/or Public existing services less than 1.50" diameter will be increased to 1.50" diameter. Full and/or Public existing services that are 2" diameter shall be replaced with a 2" diameter services. Full and/or Public existing services between 1.50" and 2" diameter shall be replaced with the same size as the existing service.

Private existing services less than 2" diameter will match the diameter of the existing water service diameter located on the public-side of the curb stop. Private existing services that are 2" diameter shall be replaced with a 2" diameter services. Private existing services between 1.5" and 2" diameter shall be replaced with the same size as the existing service located on the public-side of the curb stop.

Full and/or Public water service replacement work shall consist of the disconnection of the existing water service, removal of existing curb box to depth shown on plans or directed by engineer, tapping the new water main, and extending new copper services perpendicularly from the new water main either to the new service box to be installed in the parkway, as close to the old service box as possible (Public Replacement), and up to the meter in the home (Full Replacement), as shown on the Drawings and/or as directed by the Engineer. Contractors may only cut lead services using a tube cutter. Saws will not be allowed to cut lead services.

Private-side replacement of existing lead water or galvanized steel service lines will extend from the existing curb stop up to the meter in the home.

Full and/or Private replacements of existing lead water service lines will only

occur at the properties where a fully executed right-of-entry (ROE), Property Owner Agreement Form, and Pre-Construction Layout drawing have been submitted and approved by the Engineer. Partial replacement of lead water service lines will occur only at those properties that do not have an executed ROE and Property Owner Agreement Form at the direction of the Engineer or Owner.

Full replacement of existing lead water service lines will extend from the new water main into the home. For full and/or private replacements, the Contractor shall contact each Property Owner to schedule and review the water service installation work (including water service line route, location of access pits, installation method, extent of demolition, and extent of restoration) in order to confirm water service line entrance type and location of all underground utilities (including sprinkler lines, underground electric, natural gas lines, and other utilities that may be present), and document the existing conditions of the property on a Property Owner Agreement Form. The Contractor shall obtain a signed Property Owner Agreement Form and submit it to the Engineer at least seven days in advance of the commencement of the work on the property. The Contractor shall notify each Property Owner at least 72 hours in advance of the commencement of the work on their property, providing each Property Owner with the date and start time of both external and internal work on their property. The Contractor shall provide a telephone number where Property Owners can call to be updated on the status of the work on their property and general project information. The Contractor shall minimize the time period for each water service installation to minimize the disruption to the Property Owner. The Contractor must coordinate and schedule the work with the Property Owner so that the water service to the home will be interrupted for less than four (4) hours. The Contractor will not be reimbursed for any downtime associated with the water service line installation work and shall provide temporary water using materials approved by the National Science Foundation (NSF) and Engineer, or bottled water in any instance where the water is shut-off for more than four (4) hours for the duration of the delay until the service line has been completed. For all work and specification requirements, Galvanized services will be treated as lead services.

For existing lead water service connections that require a Partial Replacement; The City of Evanston requires the use of minimum 2.0 feet (5.0 feet max.) straight pipe of high-density polyethylene (HDPE) water service tubing (CTS) be installed prior to connecting to existing lead water service on the private side. HDPE conforming to the minimum requirements of cell classification 445574E as defined and described in ASTM D3350 with a resin designation code of PE4710 by the Plastic Pipe Institute will be used.

For Existing Lead Water Service Partial Replacement Connections; (Installation of Min. 2' (5' max) HDPE pipe)

- 1) End of tubing or pipe must be round, free of burrs and clean for both existing lead and new HDPE pipes by using pipe cutter only.
- 2) For HDPE plastic tubing or pipe, push the appropriate size of liner in until the flare on the liner rests solidly against the end of the tubing or pipe.
- 3) Insert tubing into the body of fitting until it contacts the stop inside the fitting.
- 4) Tighten the compression nut until it makes contact with the machined shoulder

of the fitting.

- (b) For existing lead service lines, all lead service lines shall be fully removed if fully exposed. Where the water service is installed in a new alignment to meet current Plumbing Code or avoid certain site features, if the existing water service is not exposed, it may be disconnected from the house and the water main and left in place with the permission of the Engineer.
- (c) Any lead or galvanized iron/steel service piping removed shall be handled and disposed of in accordance with all local, state and federal laws and regulations.
- (d) Replacement work within private property shall be coordinated with the Engineer and Property Owner prior to starting any work.
- (e) All plumbing demolition and installation work shall be performed by an Illinois Licensed Plumber.
- (f) For service line replacements into a house, the Contractor will enter the home through a new saw cut perforation through the floor for the new water service line, as approved by the Engineer. New water service lines entering through the wall of the home will only be as approved by the Engineer through a cored opening and must be water tight. Water service lines entering through the wall will not be approved in situations where there is less than 5-feet of clear working space centered around the proposed location of the cored opening, and the floor of the basement is shallower than 7-feet below existing grade outside of the home. The new water service line shall extend into the building to the meter, and then the Contractor shall connect into the existing interior plumbing. Contractor shall provide fittings to connect new water service to new meter. The Contractor shall repair and provide a watertight seal of the existing and new pipe penetration through the building in accordance with this Section, the Drawings, and as approved by the Engineer. Where it is determined that the new water service line must enter through the wall and the Engineer has approved the method, the Contractor shall get paid EACH per wall opening.
- (g) The installation of the new water service line for each property has not been individually detailed. The water service line connection details were developed to generally illustrate to the Contractor the plumbing elements. The piping and equipment shown on the water service line connection details are not to scale and do not show every offset or fitting, nor every hanger or support, or structural difficulty that may be encountered. To carry out the intent and purpose of the water service line connection, Contractor shall field verify all piping and plumbing systems to ensure all necessary plumbing parts are installed to provide a complete and safe transfer of the domestic water service without extra charge to the Owner or Property Owner. The Contractor shall be responsible to coordinate the system installation and routing with the work of all trades.
- (h) The Contractor shall maintain an on-site supply of anticipated specialty fittings, including but not limited to corporation stops, curb stops, curb boxes, reducing fittings, etc., such that the work proceeds without impacting the execution of the work and causing a delay in connecting the service.

- (i) All existing water services which are 3-inch in diameter will be changed to 4-inch services and reduced to 3-inch at the point of connection to the existing service.
- (j) Water service 4" or greater in diameter

Work shall consist of installing appropriately sized tee fittings with an attached valve(s), and extending the new ductile iron service from the new water main to the new service box to be installed in the parkway as shown on the drawings and/or as directed by the Engineer.

Ductile Iron Pipe Water Service. All ductile iron pipe shall be thickness class 52 in accordance with AWWA Standard Specifications for Ductile Iron Pipe, External Zinc-Based Coated, centrifugally cast in Metal Molds for water or other Liquids AWWA -C151 latest revision. Coating: The exterior of ductile iron pipe shall be coated with a layer of arc-sprayed zinc per ISO 8179. The mass of the zinc applied shall be 200 g/m² of pipe surface area. A finishing layer topcoat shall be applied to the zinc. The mean dry film thickness of the finishing layer shall not be less than 3 mils with a local minimum not less than 2 mils. The coating system shall conform in every respect to ISO 8179-1 "Ductile iron pipes - External zinc-based coating - Part 1: Metallic zinc with finishing layer. Second edition 2004-06-01." The whole of the above Specifications shall apply. The pipe shall be furnished with push on joints. All pipe shall be cement mortar lined inside and bituminous coated outside, in accordance with Sec. 51 8 ANSI A21.51 (AWWA C104 and C151). All ductile iron pipes must be clearly marked by the manufacturer to indicate pipe classification or pipe thickness. Unmarked pipe will not be accepted.

Add the following Subparagraphs to Article 562.02:

"(a.) **Copper Pipe.** Exterior copper pipe shall be copper water tube, a minimum of 1.5" diameter, Type K, soft temper, conforming to ASTM-B88 and ASTM-B251 of the inside diameter indicated on the Drawings. Flare type fitting for underground pipe. Solder or flared style fittings for above grade (inside the home) interior copper pipe. Interior copper tube shall be Type L conforming to ASTM-B88. The pipe shall be marked with the manufacturer's name or trademark and a mark indicative of the type of pipe. The outside diameter of the pipe and minimum weight per foot of the pipe shall not be less than that listed in ASTM B251, Table 11. All materials shall be NSF 61 suitable for public water supplies. Interior copper tube diameter shall be reduced to match existing.

(b.) **Stops and Fittings.** All corporation stops, curb stops, and connection couplings shall be fabricated of bronze alloy and shall be provided with outlets suitable for connections. All connections shall be made with flare-type couplings. Stops and fittings shall be as manufactured by Ford Co. or approved equal and shall be in accordance with AWWA Specifications. The curb stops shall be Minneapolis pattern (City of Evanston Standard). Corporation stops and curb stops shall be the non-restricting ball valve type.

(c.) **Curb Boxes.** The curb boxes shall be cast iron Minneapolis pattern base, for rigid assembly, extension-type adjustable to 6-foot bury or as required to make flush with the existing ground elevation. The boxes shall be complete with a lid marked 'WATER' and pentagon brass plug. Curb boxes shall be as manufactured by Mueller Co. or equal.

(d.) **Tapping Saddles.** All Tapping saddles shall be Smith-Blair 317, Ford FC 202 or approved equivalent, and shall conform to the following specifications: Tapping saddles shall

have an epoxy-coated ductile iron body with stainless steel straps. The threads shall be C.C. The saddles shall fit an oversized cast iron pipe in the sizes listed.

(e.) **Pipe Hangers, Supports and Restraints.** All supports shall be designed to adequately secure the pipe against excessive dislocation due to internal flow forces, thermal expansion/contraction, and all probable external forces such as personal contact or equipment. Supports for copper pipe shall be copper plated or shall have a minimum 1/16-inch plastic coating. Support spacing for copper piping and tubing 2-inches in diameter and smaller shall not exceed 5-feet, and greater than 2-inches in diameter shall not exceed 8-feet. Where pipe supports come in contact with copper piping, provide protection from galvanic corrosion by wrapping pipe with 1/16-inch thick neoprene sheet material and galvanized protection shield. Anchoring devices shall be selected by the Contractor depending on the size, spacing, and other necessary parameters. Anchoring devices shall withstand shear and pullout loads imposed by loading and spacing on a particular support. Expansion anchors shall be equal to Kwik Bolt as manufactured by Hilti USA, Tulsa, Oklahoma; or Wej-it by Wej-it Expansion Products, Inc., Broomfield,, CO. The length of the expansion bolts shall be sufficient to place the wedge portion of the bolt a minimum of 1-inch behind the steel reinforcement.

(f.) **Electrical Grounding.** Wire shall be 6 AWG copper wire or conducting metal braid shall be woven from 240 strands of 30 AWG tinned copper wires and be capable of carrying fault current comparable to that of 6 AWG copper wire, 3M Corp., Scotchbrand 25, or equal.

Water pipe ground clamps shall be cast bronze saddle type, and of the correct size for the pipe, as manufactured by Thomas & Betts Co. Cat. No. 2, similar by Burndy; O.Z. Gedney Co., or equal and the correct size for the pipe.

(g.) **Web Application.** The Contractor shall use the City's designated web-based application (no additional charge to Contractor) as the sole platform for resident outreach and Contract documentation. At a minimum, the Contractor shall:

- log and track all outreach activities and resident communications. Contractor shall perform a minimum of four (4) outreach methods using a combination of methods including email, phone call, text messaging and door knocking when applicable. A minimum of two (2) types of methods shall be performed by the Contractor;
- schedule and record preconstruction surveys, including appointment dates/times and any changes thereto, outcomes, and notes;
- schedule and record planned construction dates and any changes thereto, including reasons for rescheduling; and

All entries and uploads shall be made in the application by end of business day on the day the action was performed. Such action shall include outreach contact, survey, schedule confirmation/change, or field activity, unless otherwise approved in writing by the City. The Contractor shall be responsible for ensuring all staff performing outreach, inspections, or construction documentation are trained and actively using the application throughout the duration of the Contract. The City may withhold payment for work items lacking the required application entries.

(h.) **Property Owner Agreement Form.** All property owner agreement forms shall be completed and executed between the Contractor and the Property Owner and provided to the

City Engineer seven days in advance of work on the specified private property.

(i.) **Preconstruction and Post Construction Layout Drawings.** For full and/or private lead water service line replacement pre and post construction layout drawings shall be prepared by the Contractor and submitted to the Engineer for approval. Pre-construction layout drawings showing the proposed location of the new water service line, size and location of all pits and excavations required to complete the work, fence removal, bushes, trees, landscaping and other items that require demolition shall be approved by the Engineer prior to proceeding with the work. Post-construction layout drawings shall be completed showing any changes to the pre-construction layout drawing following completion of the work and shall include the new water tap location, curb box location, and location where new water service enters the home.

Shop Drawings for water system components shall be submitted for approval as soon as possible, but not less than thirty (30) calendar days prior to the time when the components are intended to be installed. Post construction drawings shall be submitted prior to payment for a full and/or private water service replacement.”

Add the following paragraphs to Article 562.03:

"Care should be taken in installing new water services so as to have the least interruption of service to the water customer. This work will require disruptions of water service. The Contractor shall notify the Property Owner not less than 48-hours in advance of planned disruptions. The water main will not be turned off for the installation of water services. The City of Evanston Utilities Division personnel are the only persons authorized to turn on and off water main valves.

The Contractor shall perform a limited hazardous materials survey (consisting of inspection and/or testing) for lead-based paint and asbestos containing materials as part of the contract unit price of Full and/or Private Replacements. Owner reserves the right to request testing for lead-based paint or asbestos containing materials. Remediation of lead-based paint or asbestos-containing materials shall be paid for separately.

For Full and/or Private Lead Service Line Replacement, Contractor shall neatly and in clean concise lines remove all obstacles agreed upon with the property owner in the Property Owner Agreement form prior to proceeding with the Work. This work shall also include either concrete coring or saw cutting concrete with clean perpendicular cuts to allow for water service to enter into the home. Contractor shall not perform any work outside of the work area agreed upon with the Property Owner. Within the home, the Contractor shall use plastic sheeting and other methods to minimize dust and disturbance. All concrete material and other demolition debris removed from the home to accommodate the work shall be replaced by the Contractor.

All underground water service lines shall be installed using trenchless methods, shall be augered in place, and shall be a minimum of 5.5 feet in depth unless otherwise approved by the Engineer. Water services may be installed in open cut trench when various trenchless excavation methods are not feasible for use due to field conditions and when approved by the Engineer. The City will pay the pavement removal and replacement using separate unit price items when open cut is approved. Open cut installation, when approved by the Engineer will be paid for in accordance with the unit price items in this section, and will include all the necessary work associated with trenching such as labor, materials, equipment and all other associated items. The Contractor will patch any concrete as needed to restore the work area. Any additional finishing restoration required inside of the home, following a service line replacement, will be performed by others. Provide pipe insulation for cover 4.5 ft to 5 ft (Incidental to various pay items) when approved by the Engineer. The Contractor may select a boring tool, mechanical drill

or jack, at his option, to form the passage through the soil for insertion of water services under existing pavements. The size of the passage shall be just large enough to accommodate the service, but not so large to cause post-construction subsidence of the pavement. The service line shall be capped or plugged during the insertion process to prevent the entrance of soil. The insertion and receiving pits shall be backfilled in accordance with Section 208.

The replacement service line shall be one continuous length (no couplings in the new copper tubing will be allowed) and be of sufficient length to allow for some movement for trench settling after placement of the backfill material. For Full Lead Service Line Replacements, a new 1.50" copper service is to extend to the new water meter located inside the home (or matching size for pipes larger than 1.5"). For Full and/or Private Replacements, should an existing water meter be located outside the home, the Contractor shall discuss a location to install a new meter inside the home prior to the property owner signing the Property Owner Agreement Form. Owner shall supply Contractor with new meter under this contract.

After laying the new full copper service, a new curb stop and curb box will be installed. The old curb stop shall be closed and disconnected from the new service line. In the case of service lines for which the property owner has not granted right-of-entry permission or signed the Property Owner Agreement form, the service line cannot be replaced in its entirety, and a Partial Lead Service Line Replacement will be performed. Partial Lead Service Line Replacements will be from the water main to the existing curb stop with new 1.50" copper line and a reducer and Potable Water Service Tubing used to connect to the existing water service line.

For Private service replacement, in the case of service lines for which the property owner has not granted right-of-entry permission or signed the Property Owner Agreement form, the service line cannot be replaced. After laying the new private copper service, it shall be connected to the existing curb stop.

All above ground (interior) water service piping shall be installed with associated piping, valves, hangers, supports, restraints, valves, meter and fittings to connect to the new water service meter. Reductions in size to connect to the existing water service shall be performed using reducing fittings. After installation and connection to the interior plumbing system, and verification of valve and meter operation, Contractor shall remove all debris and excess material from the work area inside the home. If miscellaneous items had been relocated to obtain access to the meter, those items shall be placed back to their original location prior to construction.

Contractor shall keep the existing and new water service line clean during installation. Following installation, the service pipe shall be flushed clean prior to disconnecting the existing service. After each service is reconnected, the Contractor shall verify that the water service is supplying adequate water. The Contractor will be charged for any labor and materials used by the City Utilities Division to correct any problems that arise due to Contractor's efforts.

All valves shall be installed at locations to allow for easy operation through access panels, doors, or adjacent to equipment and other features. Valves shall be installed in a horizontal upright position, and not a downward facing position from a horizontal plane.

Pipe penetrations shall be performed by the Contractor at the home for full and/or private replacements. Contractor shall furnish all labor, materials, equipment and incidentals required and install pipe penetration assemblies at all floor and wall penetrations. Generally, penetration details are called out and referenced on the Drawings. Where penetrations are required the most conservative penetration detail shown on the detail sheets shall be utilized as appropriate for the

pipng type, the wall or floor construction and the rating of the wall or floor penetrated. Where existing tile, brick, wood or other floor or wall material must be cut through, existing materials should be preserved as much as possible and set aside for the Property Owner to re-install. In preparation of surfaces for penetrations, the Contractor shall prepare those surfaces that will be in contact with the final seal. The surfaces shall be free of dirt, loose rust, oil, wax, grease, curing compounds, laitance, loose concrete or other deleterious and all other preparations in accordance with manufacturer's recommendations. The sealing produce shall be placed in such a manner, for the consistency necessary for each application, to assure that the space to be sealed is completely filled. For installation of a sleeve, install sleeve for piping passing through wall penetrations. Select the sleeve of the size large enough for the water service pipe in accordance with the manufacturer's written instructions. Sleeves shall be cut to length for mounting flush with all interior/exterior surfaces. Use grout or silicone sealant to seal the space outside of the sleeve. All seals shall be cured in accordance with the manufacturer's written instructions.

Cutting, coring, and patching will be made to existing construction. Coring shall be used where wall sleeves are to be installed. All cutting and rough patching shall be performed by the Contractor, and the Contractor shall make every attempt to minimize and control the generation of dust within the home due to their work. Finish patching shall be the responsibility of the Contractor. Contractor shall coordinate and perform all cutting, fitting and patching including attendant excavation and backfill to make sure several parts fit together properly. Provide penetration of structural surfaces and materials for installation of piping. Execute excavating and backfilling by methods which will prevent settlement or damage to other work. When excavating in close proximity to piping or other items subject to damage, use hand excavation. Refine entire surfaces as necessary to provide an even finish to match adjacent surfaces. Contractor shall remove all debris resulting from cutting, coring, and patching to the satisfaction of the Engineer.

Cutting shall be performed in a manner so as to limit the extent of patching and performed with a concrete saw and diamond saw blades of the proper size. Cutting shall not be performed in locations where wall sleeves will be installed unless approved by the Engineer. Contractor to provide for control of the slurry generated by sawing operations on both sides of the wall and from below when cutting a floor. When cutting reinforced concrete wall or floor, the cutting shall be done so as not to damage the bond between the concrete and reinforcing steel left in structure. Cut shall be made so that steel neither protrudes nor is recessed from face of the cut. Contractor shall saw cut concrete and masonry prior to breaking out intended sections.

All existing water services abandoned in place shall have all existing corporation and curb stop valves closed prior to abandonment. Cut ends shall be fully crimped. Water service pipe entering the home shall be removed prior to concrete patching.

Install any electrical grounding across meter at the completion of the work.

Water Service work to replace the Public Side of the water service will be paid for at the Contract unit price per EACH service connection for SHORT WATER SERVICE – PUBLIC REPLACEMENT up to 2 inches in diameter, less than 30 LF in length (from water main to curb box), counted in place.

Water Service work to replace the entire water service line including both the Public and Private Side will be paid for at the Contract unit price per EACH service connection for SHORT WATER SERVICE – FULL REPLACEMENT up to 2 inches in diameter, from water main to meter, counted in place.

Water Service work to replace the Public Side of the water service will be paid for at the Contract unit price per EACH service connection for LONG WATER SERVICE- PUBLIC REPLACEMENT up to 2 inches in diameter, 30 LF to 70 lf in length (from water main to curb box), counted in place.

Water Service work to replace the entire water service line including both the Public and Private Side will be paid for at the Contract unit price per EACH service connection for LONG WATER SERVICE- FULL REPLACEMENT up to 2 inches in diameter, from water main to meter, counted in place.

Short public and full services are defined as locations where the water main is 30 feet or less from the curb box. Long public and full services are defined as locations where the water main is more than 30 feet and less than 70 feet from the curb box.

Water Service work to replace the private-side of the water service will be paid for at the Contract unit price per EACH service connection for SHORT PRIVATE-SIDE LEAD WATER SERVICE LINE REPLACEMENT, 2" DIA OR LESS, up to 15 LF in length (from curb box to existing existing lead-to-copper connection at the), counted in place. The first 15-feet of exterior copper pipe shall be included with this price. Remaining exterior copper pipe shall be paid for using the EXTERIOR COPPER PIPE line item.

Water Service work to replace the private-side of the water service will be paid for at the Contract unit price per EACH service connection for LONG PRIVATE-SIDE LEAD WATER SERVICE LINE REPLACEMENT, 2" DIA OR LESS, up to 50 LF to in length (from curb box to interior surface of house), counted in place. The first 15-feet of interior copper pipe shall be included with this price. Remaining interior or exterior copper pipe shall be paid for using the INTERIOR COPPER PIPE line item or EXTERIOR COPPER PIPE line item, respectively.

Water Service work will be paid for at the Contract unit price per EACH service connection for WATER SERVICE 4 inches or greater diameter, less than 50 LF in length, counted in place.

Water Service work to install exterior copper pipe greater than 15-feet from the curb box to an existing exterior lead-to-copper water connection for short private side lead water service line replacements, or greater than 50 feet from the curb box to the interior surface of the house for long private side lead water water service line replacements, or greater than 70 feet from watermain to curb box for long full and/or public water service line replacements, or greater than 30 feet from watermain to curb box for short full and/or public water service line replacements, shall be paid for at the Contract unit price per LINEAR FOOT for EXTERIOR COPPER PIPE, up to 2 inches in diameter.

Water Service work to install interior copper pipe more than 15-feet from the interior surface of the house foundation (floor or wall) shall be paid for at the Contract unit price per LINEAR FOOT for INTERIOR COPPER PIPE, up to 2 inches in diameter.

Water Service work that requires coring of interior walls of various thickness and material shall be paid for at the Contract unit price per EACH for CORING INTERIOR WALLS.

The Contractor shall pothole on private property, only those properties that have submitted a signed ROE and Property Agreement Form, at the direction of the Owner or Engineer in order to verify private side water service material. All such potholes shall utilize a vacuum truck to minimize disturbance to the surface. The Contractor shall properly dispose of any material removed and

restore the disturbed area to pre-construction conditions. Each pothole up to 20 square feet in surface disturbance and up to 8-feet deep shall be paid for at the Contract unit price per EACH for WATER SERVICE POTHOLING.

The Contract unit price WATER SERVICE shall be payment in full for all materials, labor, and equipment required for: site preparation, including removal, replacement and/or repair of fences and other site objects; excavation, including removal and disposal of existing pipes, structures, and excess excavated materials; protection, support and repair of damage to existing utilities; support of installation pit walls; shoring and bracing; dewatering of installation pits; trenchless installation (augering/boring/jacking, or other trenchless methods) of new service line, disconnection of existing water services and extending new services from the new water main to the new service box to be installed in the parkway and to the meter as necessary; new curb boxes, couplings, fittings, joint materials, corporation stops, tapping saddles, curb stops, service piping, and buffalo boxes; machine tapping of holes into new water main; supply backfill material, backfill placement, compaction and compaction testing; disinfection; testing; correction of defects; concrete coring and patching of home; demolition within the work area; access pits; abandonment of the existing water service; homeowner coordination; and other related work required to complete the installation which is not included under other Payment Items. Additionally, for WATER SERVICE 4 inches or greater, the price shall also include all water service pipes, tees (no tapping saddles allowed) and two (2) 4-inch or greater resilient wedge type valves and valve boxes per each long service, and one (1) 4-inch or greater resilient wedge type valve and valve box per each short service to match the diameter of the new service. For Full and/or Public Services less than or equal to 1.50 inches shall be replaced with a 1.50 inch diameter minimum service. For Full and/or Public Services between 1.50 inches to 2 inches shall be replaced with the same diameter as the existing service. For Private existing services less than 2" diameter will match the diameter of the existing water service diameter located on the public-side of the curb stop. For Private existing services that are 2" diameter shall be replaced with a 2" diameter services. For Private existing services between 1.5" and 2" diameter shall be replaced with the same size as the existing service located on the public-side of the curb stop. Existing services greater than 2 inches and less than 4 inches shall be replaced with 4 inch services. Services over 4 inches shall be replaced with the same diameter as the existing service. The Contractor is advised that specific liquidated damages apply to disruptions of individual water services as indicated in Bid Form of Contract Documents.

ADJUSTING SANITARY SEWERS AND WATER SERVICE LINES

Add the following subparagraphs to Article 563.01.

“(a) Adjusting and Reconnecting Sanitary Sewer Services. Work under the Payment Item “ADJUSTING SANITARY SEWER SERVICE” shall consist of installation of a new tee or wye fitting at the proposed or existing mainline combined sewer, if necessary, and installation of new sanitary sewer service pipe from the combined sewer to the existing sanitary sewer service line 2 feet beyond the outer face of curb, as shown on the Drawings and/or as directed by the Engineer. Work under the Payment Item “ADJUSTING SANITARY SEWER SERVICES” shall consist of adjusting and reconnecting sanitary sewer services where required by the replacement of the existing combined sewer and/or installation of a new relief sewers, using new service pipe, fittings, and couplings as necessary.

(b) Water Service Line Disconnection and Replacement. Work under the Payment Item “ADJUSTING WATER SERVICES” shall consist of rerouting the existing water service lines because of new sewer installation using new service pipe, fittings, and couplings as necessary. The Contractor shall make every reasonable effort to protect existing services. In some locations,

however, it may be necessary to reroute services. Where approved by the Engineer, the Contractor may remove and reroute water services within trench lines to provide adequate clearance from new facilities. The existing water services shall be cut at both sides of the trench for the proposed sewer pipe, and replaced by new copper service lines which shall be connected to the existing water lines adjacent to or above the proposed sewer pipe or as directed by the Engineer. No reconnection joints shall be located directly above or below the proposed sewer. The City system contains a range of service sizes and materials. The Contractor shall maintain a suitable inventory of proper service piping and fittings so as to minimize the time required for making re-connections.

Add the following subparagraphs to Article 563.02 - Materials.

“(a) Sewer Services. Any existing system components, including fittings, which are damaged by the Contractor due to his negligence, shall be replaced by him at his own expense. Material used for replacement shall be equal to that used for reconnection of existing sanitary building services in conformance with this Specification.

- (i.) Eight-inch diameter or smaller individual building services. Service pipe material shall be PVC or ductile iron pipe as specified in Section 550. Where service pipes run beneath other major utilities which are likely to place a structural load on the service pipe, such as beneath new relief sewers, ductile iron service pipe shall be used. At other locations, PVC service pipe shall be used.
- (ii.) Services shall be connected to PVC or VCP mainline sewers by means of factory-made wye fittings of strengths equal to or greater than the mainline sewer. Tapping saddles may NOT be used for connection of services to PVC or VCP mainline sewers.
- (iii.) Connectors for reconnection of service pipes to RCP mainline sewers 24-inch and larger shall be KOR-N-TEE or equal meeting ASTM C-923, sized to match the diameter and material of service.

(b) Water Service Line Reconnection

- (i.) Service pipe and system components. Material shall be as specified in Section 562
- (ii.) Water Service Line Sleeve. Sleeves for water service lines shall be Schedule 40 PVC pipe conforming to ASTM D-1785.

Shop drawings for system components shall be submitted for approval as soon as possible, but not less than thirty (30) calendar days prior to the time when the components are intended to be installed.”

Add the following paragraph to Article 563.03:

“If the Contractor damages any sanitary service line not requiring adjustment, or any other underground structure or utility, he shall replace or repair it as required by the Engineer and no additional compensation will be allowed. When a sanitary sewer is to be adjusted, the Contractor shall remove it carefully to prevent damage to the existing pipe which will remain.”

Add the following paragraph to Article 563.04:

“All openings into RCP sewer main shall be clean, machine-cored openings which will not damage

the structural integrity of the pipe. Break-in connections are prohibited. Service connections shall be at least two 2 feet apart. All reconnection of new service pipes to existing service pipes shall be by means of an approved flexible coupling.”

Add the following paragraphs to Article 563.05:

“The Contractor shall take all precautions to keep the existing and new water service line clean from all debris and shall flush the new copper service line prior to reconnecting to the existing service. After each service is connected, the Contractor shall verify that the water service is supplying adequate water. The Contractor will be charged for any labor and materials used by the Water Department to correct any problems that arise due to Contractor's efforts.

All water services, which pass below or within 18 inches above combined, storm, sanitary, and relief sewers and services, shall be sleeved using a PVC casing pipe. The water service sleeve shall be of adequate diameter to accommodate the copper water service line and shall extend a minimum of 10 feet either side of the sewer. The ends of the PVC casing pipe shall be sealed with class SI concrete or as approved by Engineer.”

Sanitary services shall be paid for at the Contract unit price per EACH service connection for SANITARY SEWER SERVICE to 2 feet beyond the outer face of curb, up to 8 inches in diameter, counted in place.

The Contract unit price for SANITARY SEWER SERVICE shall be payment in full for all materials, labor and equipment required for: site preparation; including removal, replacement and/or repair of fences and other site objects; excavation, removal and disposal of existing pipes, structures, and excess excavated materials; protection, support and repair of damage to existing utilities; support of trench walls; shoring and bracing; dewatering of trenches; pipe joint materials and fittings, including wyes/tees, couplings, and bends; connections to existing piping; pipe bedding and cover; backfill placement, compaction and compaction testing; correction of defects; and related work required to complete the installation which is not included under other Payment Items. The Contractor is advised that specific liquidated damages apply to disruptions of individual sanitary services as indicated in Bid Form of Contract Documents.

Adjustments shall be paid for at the Contract unit price per LINEAR FOOT for ADJUSTING WATER SERVICES up to 2 inches in diameter; SLEEVES FOR ADJUSTING WATER SERVICES, and ADJUSTING SANITARY SEWER SERVICE up to 8 inches in diameter; measured in the field. These Contract unit prices shall be payment in full for all materials, labor and equipment required for: site preparation; the cost of all joint materials; all connections; excavation; disposal of excess excavated materials; bedding; installation, including connections to existing systems; backfill placement, compaction and compaction testing; machine tapping of holes into pipe; system components, including wyes, tees, adapters, couplings, bends, concrete encasement, service line sleeves, pipes and tubing; testing; correction of defects; and other related work required to complete the installation which is not included under other Payment Items. The Contractor is advised that specific liquidated damages apply to disruptions of individual water and sanitary services as indicated in Bid Form of Contract Documents.

These items shall not include the cost of pavement, sidewalk, driveway, and curb/gutter removal and disposal within the pay limits shown on the Drawings. Roadway, sidewalk, driveway, and curb/gutter removal/ replacement within pay limits or as directed by the Engineer shall be paid for in accordance with the appropriate Pay Items.

Roadway, sidewalk, driveway, and curb/gutter removal/replacement outside the pay limits shown on the Drawings required for completion of the Work or for Contractor's purposes shall be incidental to combined sewer, relief sewer, storm sewer, and sanitary sewer construction and no separate payment shall be made.

REMOVING FIRE HYDRANTS

Add the following paragraphs to Article 564.01:

"This work shall also consist of removing all designated hydrants on water mains which are to be abandoned as a part of this project."

Add the following paragraph to Article 564.02:

All backfill under and within two (2) feet of the proposed paved areas excavated as a result of this work will conform to the specifications for TRENCH BACKFILL as herein provided."

Add the following paragraphs to Article 564.03:

"All pavements will be sawed to a full depth prior to the removal of the pipe up to auxiliary valve and valve box. At the direction of the Owner, the Contractor shall cover the abandoned fire hydrants with burlap bags until the Contractor removes the abandoned fire hydrants. The hydrant will be removed completely with the bottom section. Removal shall include the pipe and valve from the fire hydrant to the upstream of the auxiliary valve. The existing pipe shall be plugged. All excavated areas shall be backfilled and compacted under and within two (2) feet of all paved areas with trench backfill. All other excavated areas will be backfilled with suitable material to existing grade within parkway areas immediately following hydrant and auxiliary valve removal."

Existing fire hydrant/auxiliary valve assemblies removed (as part of water main relocation) will be paid for at the Contract unit price per EACH for FIRE HYDRANT WITH AUXILIARY VALVE TO BE REMOVED for the type and size specified and FIRE HYDRANTS TO BE REMOVED. This Contract unit price shall be payment in full for all materials, labor, and equipment required for: site preparation; excavation; disposal of excess excavated materials; capping water mains which will remain in operation; thrust-blocking; backfill placement, compaction and compaction testing; testing/ inspection; correction of defects; stockpiling reclaimed hydrants and auxiliary valves; and, all related work required to complete the installation which is not included in other Payment Items.

This item shall not include the costs of pavement, sidewalk, driveway, and curb/gutter removal and disposal necessary for removal of hydrants and valves. Roadway, sidewalk, driveway, and curb/gutter removal/replacement shall be paid for in accordance with the appropriate Payment Items. Fire hydrants shall remain the property of the city and shall be stored in a secured area for pickup by city.

CATCH BASIN, MANHOLE, INLET, DRAINAGE STRUCTURE AND VALVE VAULT CONSTRUCTION, ADJUSTMENT AND RECONSTRUCTION

Delete Article 602.01 and replace it with the following:

“602.01 Description. This work, as shown on the Drawings, shall consist of:

- (a) Removing and disposing of existing manholes, inlets and catch basins designated to be abandoned.
- (b) Replacing existing manholes, catch basins, inlets, and valve vaults.

- (c) Adjusting or partially reconstructing existing manholes, catch basins, inlets, or valve vault structures in order to rehabilitate the utility structure and/or establish the utility structures at final finished grades.
- (d) Constructing new valve vaults, including bases, barrel sections, transition cone sections or flat slab tops (if required), and required frames and lids.
- (e) Constructing new combined sewer and relief sewer manholes, catch basins and inlets, including placing precast reinforced concrete sections together with flat slab tops (if required), transition sections, precast monolithic bases, frames and lids.
- (f) Installing new frames/lids on existing utility structures to meet grades shown on the Drawings, to match existing grades, or as directed by Engineer.”

Add the following paragraph and subparagraphs to Article 602.02:

“In addition to the requirements of the Standard Specifications previously cited, manhole catch basin, inlet and valve vaults materials shall conform to the following additional requirements, which, in case of conflict, shall take precedence over the Standard Specifications:

- (a) **Materials for Reconstructing Existing Structures.** Concrete brick or precast reinforced concrete sections.
- (b) **Materials for Constructing New Structures.** Precast reinforced concrete sections only.
- (c) **Final Grade Adjustments for Structures.** Tapered precast reinforced concrete adjustment rings shall be used for final grade adjustment of existing and new structures. Adjustment rings shall be laid on a full bed of mortar. A minimum of one and a maximum of two rings shall be used for final grade adjustment at each structure. The total height of final adjustment shall not exceed 11-inches for any structure. The use of brick for final structure adjustment is not permitted.
- (d) Frames, covers and grates shall conform to Section 604.
- (e) **Inlets.** Inlets shall be precast reinforced concrete conforming to INLET, TYPE A – IDOT STANDARD 602301 with the following exceptions: 1) Instead of a 16” depth, the depth shall be 34” unless otherwise specified on the drawings. 2) Instead of the 3” Sand Cushion, a minimum 6” deep granular material (CA-11) base will be required.
- (f) **Catch Basins.** Type A catch basins shall be precast reinforced concrete conforming to CATCH BASIN TYPE A – IDOT STANDARD 602001 with the following exceptions: 1) Instead of a 34” sump, a 48” sump will be required. 2) Instead of the 3” sand cushion, a minimum 6” deep granular material (CA-11) base will be required.
- (g) **Valve Vaults.** Valve vault sections shall be precast reinforced concrete conforming to ASTM C-478. All top sections for precast reinforced concrete valve vaults shall be precast reinforced concrete concentric cones or slab tops of the same quality as the barrel of the vault. Valve vaults shall be supplied with factory-formed openings to accommodate the various size water mains such that a

minimum 12 inches of clearance between the top of the vault base and bottom of the main can be provided. Bases for replacement vaults on existing water mains shall be separate, one-piece precast units having a minimum thickness of 6 inches. No slab or split bottom shall be used. Valve vaults for new valves shall be 4-foot, 5-foot, or 6-foot diameter.

- (h) **Manholes.** Storm, sanitary, combined, and relief sewer manhole barrel sections shall be precast reinforced concrete conforming to the requirements of ASTM C-478. Pipe connections shall conform to ASTM C-923. No steps shall be installed in manholes. All top sections for precast reinforced concrete manholes shall be precast reinforced concrete eccentric cones or slab tops of the same quality as the manhole barrel. Except where otherwise indicated on the drawings, manholes shall have a precast monolithic base with a factory-installed bench and otherwise be in conformance with Illinois Department of Transportation Highway Standards MANHOLE TYPE A – IDOT STANDARD 602401. Where indicated on the drawings, manholes supplied for 48” and larger pipes shall be of a “T”-pipe base-style fabrication. The pipeline portion of the base “T” section shall conform to ASTM C-76 and be of the same pipe class as connected sewer pipe. The riser section shall conform to ASTM C-478.
- (i) **Gasket Materials for Joints Between Precast Concrete Sections.** 100 percent butyl rubber rope-type gasket having a square cross-section of 1-inch nominal size conforming to the physical properties of Federal Specifications SS-S00210 as sold under the trade name E-Z Stik or equal.

Shop drawings for system components shall be submitted for approval as soon as possible, but not less than thirty (30) calendar days prior to the time when the components are intended to be installed.”

Delete Article 602.03 in its entirety.

Delete Article 602.07 and replace it with the following:

“602.07 Precast Reinforced Concrete Sections. Base, barrel, cone and top sections shall be set as shown on the Drawings. The joints between precast concrete base sections, barrel sections, cone sections, and top slab sections in manholes, vaults, catch basins and inlets shall be sealed with two rings of 100 percent butyl gasket in rope form having a square cross-section of 1-inch nominal size. Adjusting rings and frames shall be set in full-width beds of cement mortar.

For valve vault reconstruction, the precast bottom slab should be placed directly on level, undisturbed earth. Sand may be used for final leveling off the bottom of the excavation, but thickness shall be kept to a practical minimum. In no case, shall the thickness of sand used for leveling exceed 1-inch. The purpose of requiring the base slab to be set on undisturbed earth and limiting the use of sand for leveling is to minimize post-construction settlement of the replacement valve vault and resulting damage to the existing water main. The Contractor shall bear the cost of repairing existing water mains damaged by vault settlement.

All lift holes on precast elements for manholes, vaults, catch basins, and inlets shall be completely filled with mortar and sealed with a bitumastic material.”

Add the following to Article 602.11:

“(d) All existing frames, lids, grates and inlets reclaimed during construction are the property

of the City of Evanston. These frames lids and grates shall be moved to a suitable place on the job for storage and made available for removal by the Owner.

(e) All manhole frame castings placed shall be set in full mortar beds composed of one part masonry cement to two parts sand by volume, based on dry materials, with no admixtures. Castings must be set accurately to the finished elevation so that no subsequent adjustment will be required. All frames will be adjusted to final grade by means of concrete adjusting rings. No brickwork to produce an adjustment ring will be accepted or permitted to adjust any structure to grade. Where manholes are located in roadways, paved alleys or paved driveways, casings shall be set to match the longitudinal slope and cross-slope of the pavement.

(f) Existing frames and lids must not be used as temporary covers during construction.”

Delete the second paragraph of Article 602.13 and replace it with the following:

“The space between the sides of the excavation and the outer surfaces of the structures shall be filled with CA-11 material as shown on the Drawings.”

Delete Article 602.16 and replace it with the following:

“This work will be paid for at the Contract unit price per EACH for CATCH BASINS, MANHOLES, INLETS, and VALVE VAULTS, of the types and sizes specified, measured in place. These Contract unit prices shall be payment in full for all materials, labor, and equipment required for: site preparation, including removal, replacement and/or repair of fences and other site objects; trench excavation, including removal and disposal of existing sewer pipes, structures, and excess excavated materials; protection, support and repair of damage to existing utilities; support of trench walls; shoring and bracing; dewatering of trenches; temporary pumping of combined sewer flows; new structures; bedding; sewer connection; frames, lids and other castings; flexible check valves; abandonment of existing sewers where called out on the Drawings, including filling and placement of required plugs; supply, placement, compaction, and compaction testing of material, infiltration/exfiltration and other testing/inspection; correction of defects; and, other related work required to complete the installation which is not included under other Payment Items.

Roadway, sidewalk, driveway, and curb/gutter removal/replacement outside the pay limits shown on the Drawings required for completion of the work or for Contractor's purposes shall be incidental to combined sewer, relief sewer, storm sewer, and sanitary sewer construction and no separate payment shall be made.”

FRAMES AND LIDS TO BE ADJUSTED, SPECIAL

Add the following to Article 603.03 of the Standard Specifications:

“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.”

Add the following to Article 603.09 of the Standard Specifications:

“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.

This work will not be paid for separately when drainage and utility structures are specified for payment as reconstructions or new manholes but shall be considered as included in the unit price bid for structure reconstructions or manholes.”

ADJUSTING FRAMES AND GRATES OF DRAINAGE AND UTILITY STRUCTURES

Delete Article 603.08 and replace it with the following:

“603.08 Adjusting Rings. Drainage and utility structure frames shall be adjusted to grade by removal of the frame and adjustment from the structure, preparing the top of the structure to receive the new adjustment, installing the proper height precast concrete adjusting rings and reinstalling the frame, all in accordance with applicable provisions of Section 602. The use of cast iron adjusting rings is prohibited.”

FRAMES AND GRATES

Add the following to Article 604.02:

“(f) Frames and grates furnished under this Contract shall be Gray Iron Castings conforming to the Specifications for Gray Iron Castings, ASTM A-48, Class 35. Circular lids for manholes and vaults shall have large (2.5 inch nominal) pick holes. Circular lids for closing catch basins shall have large (2.5 inch nominal) pick holes:

(g) Frames and grates on structures shall be as follows (or approved equal):

Existing inlets and catch basins; new catch basins and inlets on Combined Sewer system:

- Neenah Type R-1712 (390 lbs.) Frame, Open Lid Grate (116 lbs.) with large (2.5 inch nominal) pick holes or equal.

New catch basins and type A inlets for Storm/Relief Sewer work:

- Neenah Type R-3031-B Frame, Sinusoidal Grate,
- Neenah Type R-3036-B Frame, Sinusoidal Grate (for Depressed Curb)

Manholes and vaults:

- Neenah Type R-1712 (390 lbs.) Frame and Extra Heavy Duty Cover (150 lbs.) with large (2.5 inch nominal) pick holes or equal. Valve Vault covers shall be lettered “WATER”.

High Capacity Inlet, Type A

- Neenah Type R-3067-L Frame, Vane Grate

New frames and grates may be requested by the Engineer during adjustment of existing structures.”

Delete Article 604.05 and replace it with the following:

New frames and grates and/or closed lids placed on adjusted and/or rebuilt existing structures will be paid for at the Contract unit price per EACH for FRAME AND GRATES, FRAME AND LIDS, and FRAMES AND LIDS(or GRATES) TO BE ADJUSTED. This work shall be paid for at the Contract unit price per EACH set of frame and lid or grate actually installed. These Contract unit prices shall be payment in full for all materials, labor, and equipment required for: site preparation; excavation; disposal of excess excavated materials including existing structures; frames and grates/lids; adjusting rings, tapered adjusting rings where necessary and concrete setting materials; installation; backfill placement, compaction and compaction testing; testing/inspection; correction of defects; stockpiling reclaimed castings; and all related work required to complete the installation which is not included in other Payment Items.

Frames and grates or closed lids placed on new structures will be considered incidental to the cost of the new structures and will be paid for under the appropriate Pay Items for new structures.

Removed frames and grates shall remain the property of the city and shall be stored in a secured area for pickup by the city.

REMOVING OR FILLING (ABANDONING) EXISTING MANHOLES, CATCH BASINS AND INLETS

Add the following sentences to Article 605.01:

“This work shall also consist of all work necessary to remove or fill existing valve vaults so designated on the Drawings. The terms “fill”, “remove”, and “abandon” shall be interchangeable and shall consist of removing the upper portion of an existing structure, filling unused pipes, sealing pipe connections, and filling the remainder of the structure with Trench Backfill sand (FA-6), compacted to the satisfaction of the Engineer.”

Articles 605.03 and 605.04 shall apply with the following modifications:

“The Contractor shall make his own investigation to determine the existence, nature and location of all sewers and appurtenances thereto within the limits of the improvement. The Contractor shall be held responsible for any damage to existing sewers. All pavements will be sawed to a full depth prior to any casting replacement/adjustment, structure removal, or filling operation. Connecting pipes shall be cut one joint from the existing structure to be removed/filled. Structures in private paved areas, parkways and other grassed areas shall be removed a minimum of 2-feet below final grade and structures in public streets shall be removed a minimum of 6-feet below final grade. Pipes connected to these structures shown to be abandoned and shall be filled with CLSM materials in accordance with Article 550.05. Remaining portions of existing structures may be filled with Case I trench backfill material in accordance with Section 208 or may be filled with CLSM material in accordance with Article 550.05, at Contractor's option. Structures shall be pumped out and cleaned of all mud and debris before the fill material is placed. The remainder of the excavation shall be backfilled in accordance with Section 208.”

Delete Article 605.06 and replace it with the following:

“This work will be paid for at the Contract unit price per EACH for catch basins, inlets, valve vaults, valve boxes, and manholes that are to be abandoned, filled, or removed, as counted in the field. These Contract unit prices shall be payment in full for all materials, labor, and equipment required for: site preparation, including removal, replacement and/or repair of fences and other site objects; excavation, including removal and disposal of existing sewer pipes, structures, and excess excavated materials; protection, support and repair of damage to existing utilities; saw-cutting, removal and disposal of existing pavement; excavation, removal and disposal of removal wastes; supply, placement, compaction, and compaction testing of backfill, stockpiling reclaimed castings; and all related work required. For items abandoned, the price shall include the cost of removal of frames/covers, adjusting collars and structure down to 24-inches below existing grassed surface or 72-inches below existing pavement as applicable, disposal of wastes, concrete bulkheads, and filling of remaining structure as specified.”

CONCRETE GUTTER, CURB, MEDIAN, AND PAVED DITCH

Delete Article 606.01 and replace it with the following:

“**606.01 Description.** This work shall consist of concrete curb type B modified, combination concrete curb and gutter type B-6.12 and B-6.12 modified, and removal/replacement of existing medians.”

All curb and gutter removed shall be formed within 2 working days of removal. New curb and gutter shall be poured within 1 working day of being formed. The forms shall be removed within 1

working day after the concrete pour and the restoration behind the new curb shall be done with 24 hours after removal of the forms. All low areas shall be filled in to match the surrounding grades within 72 hours of the curb being poured.

Add the following Subparagraphs to Article 606.02:

(g) **Base.** A minimum of four (4") inches compacted thickness of aggregate base course shall be placed on the subgrade prior to construction of the proposed concrete curb and gutter.

(h) **Forms.** The use of a slip-form or curb machine is allowed, but the Contractor is advised that variable face height curb is required in many parts of the Project to match existing curbs, roadways and parkway grading. Additional pavement patching, restoration or excavation beyond the requirements of this proposal, as required for or resulting from the use of such a machine, will not be considered for additional payment and should be considered incidental to its use. Excavation to accommodate the installation of concrete forms or use of slip-form shall be limited to 12 inches from back of proposed curb. Hand forming shall be required in the vicinity of specific trees where the root zones are near and/or have overgrown the existing curb line. These locations will be determined by the City Arborist.

(i) **Curing.** Curing shall be in accordance with Article 1022.01. Curing compound shall be Type III. Protect all surfaces from sun. During hot weather, keep temperature of concrete below 90 degrees Fahrenheit. During cold weather, keep temperature of concrete between 50 degrees F and 70 degrees F for 3 to 5 days. Protect from frost and rapid drying for 6 days. The Contractor shall be solely responsible for protecting his work from vandalism. All vandalized concrete work shall be removed and replaced at the Contractor's expense."

Add the following sentence to Article 606.06 - Placing Concrete.

"The transition from full height curb to depressed curb shall be made at a maximum rate of three (3) inches per foot of length."

Delete the last sentence of the first paragraph of Article 606.07.

Add the following paragraphs to Article 606.07:

"Expansion joints consisting of pre-molded bituminous expansion joint filler, one-half inch in thickness and two greased 1-inch diameter dowel bars with expansion caps shall be placed at 50-foot intervals. When curb and gutter is constructed adjacent to flexible pavement, a 1-inch thick preformed expansion joint, conforming to the cross-section of the curb and gutter, shall be installed at points of curvature for short-radius curves and at construction joints.

Contraction joints shall be placed between expansion joints at distances not to exceed twenty-five (25) feet. Contraction joints shall be formed using steel templates one-eighth inch in thickness, equal to the width of the gutter or curb, and penetrating at least two (2) inches below the surface of the curb and gutter; using three-quarter (³/₄) inch thick preformed expansion joint filler placed fully across the curb or gutter; or by sawing to a depth of at least two (2) inches after the concrete is four-hours, but not more than twenty-four hours old. If steel templates are used, they shall be left in place until the concrete has set sufficiently to hold its shape but shall be removed while the forms are still in place. Template-formed or sawed joints shall be sealed in accordance with Article 420.12.

All longitudinal joints, except adjacent to flexible pavement, shall be provided with No. 6 epoxy coated steel tie bars thirty (30) inches long at 36" on center conforming to Article 1006.10 and installation in accordance with IDOT Standard 606001. This work is incidental to the curb pay

item.

Hand removal and hand forming of the curb and gutter shall be required in the vicinity of specific trees and their root zones. These individual locations shall be determined, in the field, by the City Arborist. These operations shall be considered incidental to the work, and no separate payment shall be made. Excavation to accommodate the installation of concrete forms or use of slip-form shall be limited to 12 inches from back of proposed curb.

The proposed curb and/or curb & gutter flag thickness shall meet the bottom of the existing pavement and extend to the top of the proposed edge of pavement as shown on the plans. No separate payment shall be made for additional concrete used.”

Delete Article 606.15 and replace it with the following:

“This work will be paid for at the Contract unit price per LINEAR FOOT for CONCRETE CURB TYPE B, COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12, and COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 MODIFIED. Curb and gutter will be measured in place for the quantity actually removed and replaced within the pay limits shown on the Drawings or as directed by Engineer.

These Contract unit prices shall be payment in full for all materials, labor and equipment required for: site preparation, including removal, replacement and/or repair of fences and other site objects; saw-cutting, removal and disposal of existing curbs/gutters and other structures; excavation, including removal and disposal of excess excavated materials; final grading of aggregate base course, backfill; furnishing and installing all joints as required, including epoxy coated tie bars; curing; protection; and all related work required to complete the installation which is not included in other Payment Items. Modified (depressed) curbs shall be paid for at the same Contract unit price as standard type B, B6.12.

Removal/replacement of curb/gutter will be paid for where placed within the standard trench width of new sewers, manholes, catch basins, and inlets, where shown on the Drawings outside the standard trench width or where directed by Engineer.

Removal/replacement of curb/gutter outside the pay limits specified which have been damaged by Contractors operations or which have been removed/replaced for Contractor’s purposes shall be considered incidental to the work and no separate payment shall be made.”

TRAFFIC CONTROL AND PROTECTION

Delete Article 701.20 and replace it with the following:

This work will be paid for at the Contract LUMP SUM price for TRAFFIC CONTROL AND PROTECTION. This lump sum price shall be payment in full for all materials, labor and equipment required for: handling, furnishing, transporting, installing, maintaining, relocating and removing all traffic control devices and signage required for to fully protect construction operations and the general public; including implementing any detour plans shown on the Drawings. This lump sum price shall also include all materials, labor and equipment required for: furnishing, installing, relocating and removing steel plates and other temporary bridging over trenches, auger pits, receiving pits and other areas disturbed by construction activities. The salvage value of the materials removed shall be reflected in the price bid for this Item. Progress payments for traffic control will be made in direct proportion to the value of work completed. Contractor shall also refer to the IDOT Standards included herein for additional traffic control measures. The Contractor is advised that specific liquidated damages apply for failure to maintain traffic control devices.

TRAFFIC CONTROL AND PROTECTION shall be paid monthly in an amount equal to the lump sum price bid multiplied by the overall percentage completion of other Contract Payment Items.

CONSTRUCTION LAYOUT

This work shall consist of surveying local control points to establish horizontal and vertical control required for construction of the water main improvements and related contract items of work. These stakes or markings must be maintained throughout construction. The survey foreman will be responsible for the review of stakes and marking with the Engineer prior to the final placement of any materials.

This work will be measured and paid for at the contract unit price LUMP SUM as CONSTRUCTION LAYOUT, which price includes all labor, material and equipment necessary to survey control points, lines, establish stakes and marking, and the review of all such stakes and markings with the Engineer.

The limits of concrete construction contract items will be provided by the Engineer.

STREET SWEEPING

Add the following paragraphs to Article 107.15:

“The Contractor shall utilize a mechanical street sweeper to clean streets affected by the Contractor's operations, including haul routes, at least twice per week and additionally as directed by the Engineer. Liquated Damages shall be assessed as outlined in the Bid Form if the Contractor fails to utilize a mechanical street sweeper to the satisfaction of the Engineer. The street-sweeper shall be a full-sized, municipal-type sweeper having dust collection and street washing capabilities. If, in the opinion of the Engineer, dust becomes a problem despite the normal cleanup measures of street sweeping, the Contractor shall wash down the pavement, spread calcium chloride as a palliative, or re-sweep streets as necessary, all at no additional cost to the Owner. The Contractor shall keep sufficient quantities of calcium chloride on site, for use as directed by the Engineer for dust control. The contractor shall provide cleanings twice per week and additionally as directed by the Engineer.

This work will be paid for at the Contract unit price per EACH for STREET SWEEPING, which price shall be payment in full for labor, equipment and materials required to complete the work.

ENVIRONMENTAL CONTROL

The Contractor shall be responsible for furnishing all necessary items for fulfilling the Work described herein for environmental protection including prevention and control of erosion and sedimentation that results directly or indirectly from the Project.

PREVENTION OF WATER POLLUTION

The Contractor shall take all such precautions in the conduct of his operations as may be necessary to avoid contaminating the water in adjacent watercourses or water storage areas including wells whether natural or man-made.

All earthwork, moving of equipment, water control of excavations, and other operations likely to create silting, shall be conducted so as to minimize pollution of watercourses or water storage areas.

Water used during the Contract Work, which has become contaminated with oil, bitumens,

harmful or objectionable chemicals, sewage or other pollutants, shall be disposed of so as to avoid affecting all nearby waters and lands. Under no circumstances shall the Contractor discharge pollutants into any watercourse or water storage area. Do not allow water used in aggregate processing, concrete curing, foundation and concrete lift cleanup or any other waste to directly enter a stream untreated. When water from adjacent natural sources is used in the Contract Work, intake methods shall be such as to avoid contaminating the source of supply or becoming a source of erosion or sedimentation.

NOISE AND AIR POLLUTION CONTROL

Conduct operations so as not to violate any applicable ordinances, regulations, rules and laws in effect in the area at the date of bid opening pertaining to noise and air pollution and to conform to all provisions in effect at the date of bid opening as set forth in the Rules and Regulations Governing the Control of Air Pollution and noise pollution in the State of Illinois.

PLANT PEST CONTROL

All soil moving or handling equipment that has operated in or will operate in regulated areas shall be subject to plant quarantine regulations. In general, these regulations require the thorough cleaning of soil from equipment before such equipment is moved from regulated areas to uninfected areas. Complete information may be obtained from the regional office of the Plant Pest Control Division of the United States Department of Agriculture.

PRESERVATION OF NATURAL RESOURCES

All construction operations, contract work, clean up and the condition of the adjacent terrain upon completion of the Work shall fully comply with all applicable regulations and laws concerning the preservation of natural resources.

DUST CONTROL

Throughout the entire construction period, maintain dust control by use of water sprinklers or chemical dust control binder as may be approved by the Engineer.

WORK INSIDE THE HOME AND ON PRIVATE PROPERTY

The Contractor shall take all precautions to minimize disturbance within private property for Full Lead Service Line Replacements. The Contractor shall agree on the proposed means and methods for minimizing disturbances on Private Property with the Engineer and the Property Owner prior to the Property Owner signing the Property Owner Agreement Form. At a minimum such protections may include maintaining dust due to cutting concrete; installing plastic sheeting to isolate work areas; plastic wrapping shoes prior to entry; protecting existing appliances; minimize removal of drywall, tile, and other interior materials; temporarily removing and replacing exterior plants (when possible); not disturbing vegetation outside of the agreed upon immediate work zone, and other precautions necessary to limit interior disturbances to the Property Owner.

PAYMENT

No separate payment will be made for the work in this Section; all the costs of such work shall be considered incidental to the items of work to which they pertain.

BRICK SIDEWALK REMOVE AND RESET

Description. This work shall consist of removing and replacing existing brick pavers, concrete pavers, stone, and any other type of specialty sidewalk or landscape features with the same material in kind, at the locations and limits determined by the City during construction. This work shall be done in accordance with Article 1041.03 of the Standard Specifications except

as noted herein.

Construction Requirements. Each area shall be returned to the same or better condition as it was prior to removal. The Contractor shall furnish all materials necessary to replace damaged pavers, to use for cutting, and to match the original dimensions of the specialty sidewalk or landscape feature. The Contractor shall not remove intact bricks from the project limits. Cleaning shall consist of removing all debris, mud, markings, etc. with water and a brush.

If base course removal is required, the depth of CA-6 shall be determined by the City and compacted with a hand compactor so that the finish is free of all undulations, ruts, tire mark and depressions. Upon completion of the stone base layer, a three-quarter inch (3/4") layer of sand, gradation FA-2, shall be placed and compacted with a hand compactor so that the finish is free of all undulations, ruts, tire mark and depressions. Prior to placing the pavers, the City shall visually inspect the portion of sidewalk to receive the repair. The Contractor shall repair any area deemed necessary by the City by adding additional sand and compacting the area.

Method of Measurement and Basis of Payment. This work shall be paid for at the contract unit price per SQUARE FOOT for BRICK SIDEWALKS, REMOVE AND RESET. This price shall include all costs for excavating, disposing of excess excavated material, furnishing base material, placing the pavers, and all other labor, material, and equipment necessary to furnish and install this item.

Furnishing and placing stone, sand, and any other replacement materials required to match the existing surface type of the sidewalk or landscape feature will not be measured for payment but shall be considered as included in this item.

It is the sole responsibility of the Contractor to determine the extent of work necessary to complete this work prior to contract bidding, as no additional compensation shall be provided for this item.

LEAD-BASED PAINT AND ASBESTOS MATERIALS REMEDIATION ALLOWANCE

Description. The Contractor is responsible for the completion of a limited hazardous materials survey to identify all asbestos-containing materials (ACM) and lead-based paint (LBP) that may impact each property when performing Full and Private Side Replacement of Lead water services. Based on the survey results, if ACM or LBP identified or suspected in the work area by the Contractor, the Contractor shall hire a licensed asbestos and/or LBP abatement Contractor to remove and dispose of the ACM and/or LBP that may be disturbed from within the work area to allow the Contractor to perform Full or Private Side Replacement. All work shall conform to the standards set by applicable federal, state of Illinois, and local laws, regulations and ordinances in such form in which they exist at the time of the Work under this Contract.

The work shall include all labor, equipment, and materials necessary to perform asbestos or lead abatement of surfaces noted or required in preparation for performing Full and Private Side Replacement of lead water services. Work includes abatement/mitigation adhering to all applicable codes, regulations, health and safety requirements; obtaining all permits; performing all testing; training and licensing all personnel; protection of personnel, public, and adjacent surfaces; proper and legal disposal of all contaminated materials; demobilization; maintaining all documentation; and any other work as required. The Contractor shall coordinate abatement activities with their Contractors.

Method of Measurement

This work will not be measured for payment.

Basis of Payment

This work will be paid for in accordance with Article 109.04 of the Standard Specifications on a force account basis.

It is the responsibility of the Contractor to determine the extent of work necessary to complete this unless directed by the Engineer.

LANDSCAPING ALLOWANCE

This work shall include the furnishing, transporting, and planting of various landscaping items, trees (on City and private side), and plant health care as directed by the Engineer or the City's Public Services Bureau. This work shall follow the requirements of Section 253 of the Standard Specifications.

Method of Measurement

This work will not be measured for payment.

Basis of Payment

This work will be paid for in accordance with Article 109.04 of the Standard Specifications on a force account basis.

ELECTRICAL GROUNDING ALLOWANCE

When existing electrical grounding is grounded to the water service and is either disconnected or otherwise is required to be re-installed or modified, the Contractor shall re-establish electrical grounding to the newly installed water service. Splicing of the existing grounding wire is not allowed. Contractor shall utilize an electrical contractor registered in the State of Illinois to re-install electrical grounding in compliance with Chapter 6 (Electrical Code) of the City of Evanston Code of Ordinances, latest version. Contractor shall obtain and pay for any permits required to perform this work from the City of Evanston.

Method of Measurement

This work will be paid for in accordance with article 109.04 of the Standard Specifications on a force account basis.

Basis of Payment

This work will be paid for in accordance with Article 109.04 of the Standard Specifications on a force account basis.

APPENDIX A

VITON GASKET SPECIFICATION


SPECIFICATION RUBBER PRODUCTS, INC.

P. O. BOX 568 ALABASTER, ALABAMA 35007 PHONE 205/663-2521

POLYMER
COMMON USES

SBR	Fresh water, salt water, sanitary sewage
EPDM	Dilute acids, dilute alkalis, ketones (MEK, acetone), alcohols, fresh water, salt water, sanitary sewage, vegetable oil, elevated temperatures.
NEOPRENE	Fresh water, salt water, sanitary sewage, greasy waste.
NITRILE	Refined petroleum oils and fluids, fats, greases, water, sanitary sewage.
FKM	Most chemicals and solvents, aromatic hydrocarbons and fuels, chlorinated hydrocarbons, high temperatures.

MAXIMUM TEMPERATURE RATINGS

<u>POLYMER</u>	<u>WATER AND SEWAGE</u>	<u>AIR*</u> **	
		Push-on	MJ
SBR	Push-on or MJ 150°F	150°F	125°F
EPDM	250°F	200°F	150°F
NEOPRENE	200°F	180°F	150°F
NITRILE	150°F	150°F	125°F
FKM	300°F	300°F	300°F

*Lubricating oil in the air will adversely affect SBR and EPDM performance.

**SBR, Nitrile, or Neoprene is not recommended for air exposure in wastewater treatment systems.

Temperatures above the recommended maximums can be tolerated for short periods of time without immediate deterioration. However, life expectancy will be shortened as the time at elevated temperatures is increased.

Since there are so many application variables outside our control or knowledge, we cannot offer any specific life expectancy for gaskets.

Regardless of the type polymer used, Specification Rubber Products produces all gaskets to meet the requirements of ANSI/AWWA C111/A21.11 unless customer specifications require something different. On the basis of currently available information and test results, we believe all our gasket materials will provide satisfactory service in water containing a maximum of 5mg/L of chloramine. There currently exists no standard method to determine suitable resistance to chloramine and the effect of long term exposure (10+ years) is not known.

APPENDIX B

ENVIRONMENTAL REPORT



600 Territorial Drive, Suite G
Bolingbrook, IL 60440

p: 630-754-8700
f: 630-754-8705

Interra Project No: 9826

01/24/2025

Ms. Bridget Nash, PE
Capital Planning & Engineering
Public Works Agency
City of Evanston
2100 Ridge Avenue
Evanston, IL 60201

Environmental Report

2025 Water Main Improvement Projects
Church Street from McDaniel Avenue to Florence Avenue
City of Evanston, Cook County, Illinois

Dear Ms. Nash:

Interra, Inc. (INTERRA) is pleased to submit this report on environmental sampling and analytical testing performed at the above referenced project in Evanston, Illinois. We understand that the purpose of the investigation is to aid in soil management during construction.

Scope of Work

The scope of work included review of readily available historical documents to identify past land use and selection of parameters for analytical testing; collection of two (2) soil samples for analytical testing; and determination of soil management options based on analytical test results.

Historical Document Review

A review of the Federal, State and Local databases was performed to identify past land use and recognized environmental conditions on or near the property. Potentially Impacted Properties (PIP) identified in the vicinity of the site included Leaking Underground Storage Tanks (LUST), Site Remediation Program (SRP), Institutional Control, and spills. Historical reports reviewed are included in Appendix A.

Field Work

Boreholes for collecting environmental samples were located in the field by INTERRA. The drilling sub-contractor, Geocon Professional Services (GEOCON) obtained underground utility clearances prior to drilling. Drilling was performed on 12/17/2024. Soil sampling was performed at 2.5-foot intervals up to the planned exploration depth of 10 feet. Soil sampling was performed using decontaminated split-spoon sampler. All soil samples were field screened using a Minirae 2020 Plus (photoionization detector) to aid in sample selection for analytical testing. Field screening did not indicate the presence of VOC contamination. Sample Location Map is presented in Appendix B of this report.

Soil grab samples for environmental analysis were chosen between the 0.0 to 5.0 feet interval. INTERRA collected and preserved the environmental soil sample in accordance with applicable SW 846 methods and transported them to the NELAC accredited Suburban Laboratories for analytical testing.

Analytical Testing

The soil samples were analyzed for the contaminants of concern identified based on Historical Document review. Based on this, the samples were tested for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), total RCRA Metals, Pesticides, PCBs and pH. The sample analytical test reports are presented in Appendix C of this report.

Conclusions and Recommendations

The analytical results were compared to 35 ILL. Adm. Code 1100, “Maximum Allowable Concentrations (MAC) of chemical constituents in Uncontaminated Soil used as fill in a Clean Construction & Demolition Debris (CCDD) or “Uncontaminated Soil Fill Operation” and Illinois Tiered Approach to Corrective Action Objectives (TACO) Residential Soil Remediation Objectives in accordance with Article 669 of IDOT Standard Specification for Road and Bridge Construction (January 1, 2022).

Both samples Church-SGB-01 and Church-SGB-02 exceeded most stringent regulatory limits specified in Article 669 of IDOT Standard Specification for Road and Bridge Construction (January 1, 2022). Exceedances are summarized in the table below.

Table 1: Exceedance Table

Sample Number	Exceeding Constituent	Results (mg/kg)*	CCDD MAC Values			TACO Tier 1 Residential SROs		SCGW SRO Class 1 (mg/kg)	Construction Worker SRO	
			Most Stringent	Chicago	MSA	Ingestion (mg/kg)	Inhalation (mg/kg)		Ingestion (mg/kg)	Inhalation (mg/kg)
Church-SGB-01	Benzo(a)pyrene	0.102	0.09	1.3	2.1	2.1	NC	8	17	NC
Church-SGB-02	Benzo(a)anthracene	2.93	0.9	1.1	1.8	1.8	NC	2	170	NC
	Benzo(a)pyrene	2.92	0.09	1.3	2.1	2.1	NC	8	17	NC
	Benzo(b)flouranthene	3.52	0.9	1.5	2.1	2.1	NC	5	170	NC
	Dibenzo(a,h)anthracene	0.485	0.09	0.2	0.42	0.42	NC	2	17	NC
	Indeno(1,2,3-cd)pyrene	1.85	0.9	0.9	1.6	1.6	NC	14	170	NC
	pH*	9.36	6.25-9.0							

Notes:

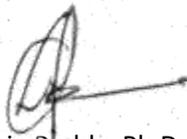
- Regulatory limit exceeded
- * pH is unitless
- NC No toxicity criteria for this exposure route

Based on the exceedance shown in Table 1, the soil shall be managed as follows according to Article 669.05 (a) (5) of IDOT Standard Specifications. LPC 663 form for this area is not provided since the material shall be managed as non-special waste and disposed of at a subtitle D landfill.

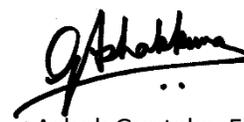
We appreciate the opportunity to be of service to you. Should you need additional information or clarifications, please call us at (630) 754-8700.

Yours truly,

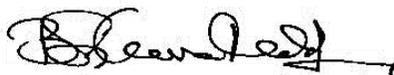
Interra, Inc.



Supraja Reddy, Ph.D., PE
Project Engineer



Ashok Guntaka, EI
Project Manager



Sanjeev Bandi, Ph.D., PE
Principal Engineer

APPENDIX A
Historical Reports

9826-D Church From Mcdaniel To Florence

Church and Mcdaniel

Evanston, IL 60201

Inquiry Number: 7834093.2s

November 26, 2024

EDR Summary Radius Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

CHURCH AND MCDANIEL
EVANSTON, IL 60201

COORDINATES

Latitude (North): 42.0483310 - 42° 2' 53.99"
Longitude (West): 87.7017110 - 87° 42' 6.15"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 441928.2
UTM Y (Meters): 4655167.0
Elevation: 600 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TP
Source: U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20190802
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
CHURCH AND MCDANIEL
EVANSTON, IL 60201

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	TOWNSHIP CLEANER	1913 CHURCH ST	EDR Hist Cleaner	Higher	1 ft.
B2	SCHEIN, DON	1823 CHURCH ST.	UST FINDER RELEASE	Higher	1 ft.
B3	SCHEIN, DON	1823 CHURCH ST	IL LUST, IL BOL	Higher	1 ft.
4	VERIZON WIRELESS MCC	2313 CHURCH STREET	IL AST	Lower	1 ft.
B5		1823 CHURCH STREET	IL SPILLS	Higher	1 ft.
B6	SCHEIN, DON	1823 CHURCH ST	FINDS	Higher	1 ft.
B7	SCHEIN, DON	1823 CHURCH ST.	IL RGA LUST	Higher	1 ft.
B8	CHARLOTTE CHARLES IN	1715 CHURCH ST	FINDS, ECHO, IL AIRS	Lower	1 ft.
B9	SCHEIN (DON)	1823 CHURCH ST	IL UST	Higher	1 ft.
B10	E-TOWN COMMUNITY VEN	1801-1805 CHURCH STR	IL LUST, IL ENG CONTROLS, IL INST CONTROL, IL SRP,...	Higher	1 ft.
B11		1823 CHURCH STREET	IL SPILLS	Higher	1 ft.
B12	E-TOWN COMMUNITY VEN	1801-1805 CHURCH STR	UST FINDER RELEASE	Higher	1 ft.
B13	TEDS TEXACO SERVICE	1801 CHURCH ST	EDR Hist Auto	Higher	1 ft.
B14	EMERYS SINCLAIR	1827 CHURCH AT DODG	EDR Hist Auto	Higher	1 ft.
A15	1911 -17 CHURCH ST	1911 -17 CHURCH ST	FINDS	Higher	1 ft.
B16	CLEANERS THE*	1813 W CHURCH	EDR Hist Cleaner	Higher	1 ft.
A17	KOSHGARIAN S ORIENTA	1911 CHURCH	EDR Hist Cleaner	Higher	16, 0.003, East
C18	UNKNOWN	1613 CHURCH STREET	IL UST	Higher	20, 0.004, East
C19	CYRUS HOMES INC	1613 CHURCH STREET	IL SRP, IL BOL	Higher	20, 0.004, East
C20	CSE 1611, LLC	1611 CHURCH STREET	IL LUST, IL SPILLS	Higher	142, 0.027, East
C21	WAREHOUSE	1611 CHURCH STREET	IL UST	Higher	142, 0.027, East
C22	JOHN J CAHILL INC	1515 CHURCH ST	IL UST, IL BOL	Higher	170, 0.032, East
C23	JOHN J CAHILL INC	1515 CHURCH ST	UST FINDER, UST FINDER RELEASE	Higher	170, 0.032, East
C24	CAHILL JOHN J INC	1515 CHURCH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	170, 0.032, East
C25	JOHN J. CAHILL INC.	1515 CHURCH ST.	IL LUST	Higher	170, 0.032, East
D26	VEOLIA	1712 CHURCH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	286, 0.054, ENE
D27	VEOLIA ENVIRONMENTAL	1712 CHURCH ST	IL LUST, IL SPILLS, IL BOL, IL TIER 2	Higher	286, 0.054, ENE
D28	KEY DISPOSAL CO	1712 CHURCH ST	RCRA NonGen / NLR	Higher	286, 0.054, ENE
D29	ADVANCED DISPOSAL EV	1712 CHURCH STREET	UST FINDER	Higher	286, 0.054, ENE
D30	ADVANCED DISPOSAL EV	1712 CHURCH STREET	IL UST	Higher	286, 0.054, ENE
31	CHURCH ST BRIDGE	CHURCH ST AND N SHOR	RCRA NonGen / NLR	Lower	355, 0.067, West
32	EVANSTON TOWNSHIP HS	1600 DODGE AVE	RCRA-VSQQ, FINDS, ECHO, E MANIFEST	Higher	428, 0.081, ESE
D33	ONYX WASTE SERVICES,	1710 LYONS STREET	IL UST, IL BOL	Lower	489, 0.093, ENE
D34	ONYX WASTE SERVICES	1710 LYON ST.	UST FINDER RELEASE	Lower	489, 0.093, ENE
D35	ACTIVE SERVICE CORP.	1710 LYONS ST.	UST FINDER RELEASE	Lower	489, 0.093, ENE
D36	ACTIVE SERVICE CORP.	1710 LYONS ST.	IL LUST, IL SPILLS	Lower	489, 0.093, ENE
D37	ONYX WASTE SERVICES,	1710 LYONS STREET	UST FINDER	Lower	489, 0.093, ENE
38	NORTHWESTERN UNIVERS		FUDS	Higher	587, 0.111, East
39	AT & T-TANK #1-173	2312 LYONS STREET	IL AST	Lower	591, 0.112, WNW

MAPPED SITES SUMMARY

Target Property Address:
 CHURCH AND MCDANIEL
 EVANSTON, IL 60201

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	ONYX WASTE SERVICES	1710 LYON ST.	IL LUST	Lower	603, 0.114, ENE
41	AMOCO OIL CO. #8723	9410 MCCORMICK	IL LUST, IL BOL	Lower	629, 0.119, West
E42	TAPECOAT CO.	1523 LYONS ST.	IL LUST	Higher	673, 0.127, ENE
E43	TAPECOAT CO INC	1520 LYONS ST	IL ENG CONTROLS, IL INST CONTROL, IL SRP, IL AIRS,...	Higher	687, 0.130, ENE
E44	THE TAPECOAT COMPAMY	1527 LYONS ST	IL UST	Higher	732, 0.139, ENE
E45	TAPECOAT COMPANY/ CH	1527 LYONS ST	RCRA-VSQQ, IL ENG CONTROLS, IL INST CONTROL, IL...	Higher	732, 0.139, ENE
E46	TAPECOAT CO INC		PFAS ECHO	Higher	797, 0.151, ENE
F47	POSITIVE CONNECTIONS	1528 EMERSON	IL UST	Higher	1113, 0.211, ENE
F48	ROBINSON RENTALS, IN	1528 EMERSON STREET	UST FINDER RELEASE	Higher	1113, 0.211, ENE
F49	POSITIVE CONNECTIONS	1528 EMERSON	UST FINDER	Higher	1113, 0.211, ENE
F50	POSITIVE CONNECTIONS	1528 EMERSON STREET	IL LUST, IL SPILLS, IL BOL, IL TIER 2	Higher	1113, 0.211, ENE
F51	ROBINSON BUS SERVICE	1528 EMERSON	IL LUST, RCRA NonGen / NLR, FINDS, ECHO	Higher	1113, 0.211, ENE
G52	ROBINSON BUS SERVICE	1622 EMERSON	UST FINDER	Lower	1235, 0.234, NE
G53	ROBINSON BUS SERVICE	1622 EMERSON	IL LUST, IL UST	Lower	1235, 0.234, NE
G54	ROBINSON BUS SERVICE	1622 EMERSON ST.	UST FINDER RELEASE	Lower	1235, 0.234, NE
G55	EVANSTON VEHICLE MAI	1700 EMERSON ST	UST FINDER	Lower	1250, 0.237, NE
G56	U.S. POSTAL SERVICE	1700 EMERSON ST.	UST FINDER RELEASE	Lower	1250, 0.237, NE
G57	EVANSTON VEHICLE MAI	1700 EMERSON ST	IL UST	Lower	1250, 0.237, NE
G58	UNITED STATES POSTAL	1700 EMERSON	RCRA-VSQQ, IL LUST, IL SPILLS, FINDS, ECHO, E...	Lower	1250, 0.237, NE
G59	COMED TSS47	1712 EMERSON RD	RCRA NonGen / NLR	Lower	1251, 0.237, NE
G60	ROBINSON BUS CO.	EMERSON & DEWEY ST.	IL LUST	Lower	1299, 0.246, NE
G61	ROBINSON BUS CO.	EMERSON & DEWEY ST.	UST FINDER RELEASE	Lower	1299, 0.246, NE
62	AMOCO OIL CO. #8723	9410 MCCORMICK	UST FINDER RELEASE	Lower	1445, 0.274, WNW
63	ST. ANDREWS EPISCOPA	1928 DARROW	IL LUST	Lower	1678, 0.318, NNE
64	CAMCO INC.	3337 GOLF RD.	IL LUST, IL BOL	Higher	1695, 0.321, WNW
H65	EMSQ, LLC	1600 FOSTER STREET	IL LUST, IL SPILLS	Lower	1732, 0.328, NE
H66	1600 FOSTER AVENUE	1600 FOSTER AVENUE	US BROWNFIELDS, RCRA NonGen / NLR, FINDS, ECHO	Lower	1732, 0.328, NE
H67	BISHOP FREEMAN	1600 FOSTER ST	IL ENG CONTROLS, IL INST CONTROL, IL SRP, IL...	Lower	1732, 0.328, NE
I68	AMOCO OIL CO. #5309	RIDGE & CLARK	UST FINDER RELEASE	Higher	1876, 0.355, East
I69	AMOCO OIL CO. #5309	RIDGE & CLARK	IL LUST	Higher	1876, 0.355, East
J70	CONTINENTAL CONSTRUC	1919 GREENWOOD	UST FINDER, UST FINDER RELEASE	Lower	1899, 0.360, SSE
J71	CONTINENTAL CONSTRUC	1919 GREENWOOD ST.	UST FINDER RELEASE	Lower	1899, 0.360, SSE
J72	CONTINENTAL CONSTRUC	1919 GREENWOOD ST.	IL LUST	Lower	1899, 0.360, SSE
I73	BP PRODUCTS NORTH AM	1803 RIDGE AVENUE	UST FINDER RELEASE	Higher	1926, 0.365, East
I74	BP SERVICE STATION #	1803 RIDGE AVE	IL LUST, IL SPILLS, IL AIRS, IL BOL	Higher	1926, 0.365, East
K75	FLEETWOOD JOURDAIN C	1655 FOSTER ST	IL LUST, IL UST, IL BOL	Lower	1993, 0.377, NE
K76	EVANSTON, CITY OF	1655 FOSTER	UST FINDER RELEASE	Lower	1993, 0.377, NE
77	ACTIVE SERVICE CORPO		IL SWF/LF, IL NIPC	Lower	2019, 0.382, SE
L78	DICKSON WEATHERPROOF	1900 GREENWOOD ST.	UST FINDER RELEASE	Lower	2037, 0.386, SSE

MAPPED SITES SUMMARY

Target Property Address:
 CHURCH AND MCDANIEL
 EVANSTON, IL 60201

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
L79	DICKSON WEATHERPROOF	1900 GREENWOOD	IL LUST, FINDS, ECHO, IL AIRS, IL BOL	Lower	2037, 0.386, SSE
80	NEWTOWN CLEANERS	3347 GOLF ROAD	IL ENG CONTROLS, IL INST CONTROL, IL SRP	Higher	2041, 0.387, NW
M81	GROSMAN, ROBERT	2100 GREENWOOD AVE	IL LUST, IL INST CONTROL, IL SRP, IL BOL	Lower	2088, 0.395, South
M82	GROSMAN, ROBERT	2100 GREENWOOD AVE.	UST FINDER RELEASE	Lower	2088, 0.395, South
M83	PELOUZE SCALE CO	2120 GREENWOOD AVE	IL LUST, IL SPILLS, FINDS, ECHO, IL AIRS	Lower	2088, 0.395, SSW
M84	PELOUZE SCALE CO.	2120 GREENWOOD AVE.	UST FINDER RELEASE	Lower	2088, 0.395, SSW
M85	PELOUZE SCALE	2120 GREENWOOD AVE.	UST FINDER RELEASE	Lower	2088, 0.395, SSW
N86	1815 RIDGE AVENUE, L	1815-1823 RIDGE AVEN	IL LUST	Higher	2104, 0.398, ENE
N87	1815 RIDGE AVENUE, L	1815-1823 RIDGE AVEN	IL LUST	Higher	2104, 0.398, ENE
N88	NATIONAL SCHOOL TOWE	1815 RIDGE AVENUE	IL ENG CONTROLS, IL INST CONTROL, IL SRP, IL...	Higher	2104, 0.398, ENE
O89	FIRE KING CAR WASH	1950 N GREEN BAY RD	IL LUST, IL BOL	Higher	2249, 0.426, ENE
O90	FIRE KING CAR WASH	1950 NORTH GREEN BAY	UST FINDER RELEASE	Higher	2249, 0.426, ENE
O91	GREEN BAY FUEL MART	1950 GREEN BAY ROAD	IL LUST, IL UST, IL SPILLS	Higher	2249, 0.426, ENE
O92	EVANSTON, CITY OF	2020 ASBURY	UST FINDER RELEASE	Higher	2254, 0.427, ENE
O93	EVANSTON, CITY OF	2020 ASBURY	IL LUST, IL BOL	Higher	2254, 0.427, ENE
O94	EVANSTON, CITY OF	2020 ASBURY AVE.	UST FINDER RELEASE	Higher	2254, 0.427, ENE
P95	FRIEDMAN, ALLEN ESTA	1615 OAK AVENUE	IL LUST, IL SPILLS	Higher	2282, 0.432, East
P96	FRIEDMAN, ALLEN ESTA	1615 OAK AVENUE	UST FINDER RELEASE	Higher	2282, 0.432, East
97	LASSEN, ADELLA	1575 OAK AVE.	IL LUST, IL BOL	Higher	2314, 0.438, East
O98	WERTYMER, FRED	1911 GREEN BAY RD.	UST FINDER RELEASE	Higher	2317, 0.439, ENE
O99	PEP BOYS 1458	1911 GREEN BAY ROAD	IL LUST, IL ENG CONTROLS, IL INST CONTROL, IL SRP,...	Higher	2317, 0.439, ENE
O100	HASAPIES, DEAN	1925 GREEN BAY RD.	UST FINDER RELEASE	Higher	2318, 0.439, ENE
O101	EMERSON PIT STOP	1925 GREEN BAY RD.	UST FINDER RELEASE	Higher	2318, 0.439, ENE
O102	EVANSTON CITGO	1925 GREEN BAY ROAD	IL LUST, IL UST	Higher	2318, 0.439, ENE
P103	RADAIOS TRUST #10503	1033 DAVIS ST.	IL LUST, IL BOL	Higher	2319, 0.439, East
Q104	UCHTMAN, CHARLES	1335 DODGE AVE	IL LUST, IL BOL	Lower	2408, 0.456, SSE
Q105	UCHTMAN, CHARLES	1335 DODGE AVE.	UST FINDER RELEASE	Lower	2408, 0.456, SSE
R106	ST. FRANCIS HOSPITAL	1310 HARTREY	IL LUST	Lower	2429, 0.460, SSW
R107	ST. FRANCIS HOSPITAL	1310 HARTREY	UST FINDER RELEASE	Lower	2429, 0.460, SSW
S108	OVER THE RAINBOW ASS	2026 BROWN ST.	IL LUST, IL BOL	Lower	2471, 0.468, North
S109	RAINBOW UNIT 2	2030 BROWN ST.	IL LUST, IL BOL	Lower	2471, 0.468, North
S110	RAINBOW UNIT 2	2030 BROWN ST.	UST FINDER RELEASE	Lower	2471, 0.468, North
S111	OVER THE RAINBOW ASS	2026 BROWN ST.	UST FINDER RELEASE	Lower	2471, 0.468, North
Q112	BARRY LAND PARCEL, L	1901 WEST DEMPSTER S	IL ENG CONTROLS, IL INST CONTROL, IL SRP	Lower	2506, 0.475, SSE
T113	PRL INDUSTRIES LLC	2025 DEMPSTER STREET	UST FINDER RELEASE	Lower	2532, 0.480, South
T114	PRL INDUSTRIES LLC	2025 DEMPSTER STREET	IL LUST, IL AIRS	Lower	2532, 0.480, South
U115	CLARK REFINING & MAR	2401 DEMPSTER AVE.	UST FINDER RELEASE	Lower	2576, 0.488, SSW
U116	BELL FUELS	2401 WEST DEMPSTER	IL LUST	Lower	2576, 0.488, SSW
U117	BELL FUELS	2401 WEST DEMPSTER	UST FINDER RELEASE	Lower	2576, 0.488, SSW

MAPPED SITES SUMMARY

Target Property Address:
 CHURCH AND MCDANIEL
 EVANSTON, IL 60201

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
U118	CLARK REFINING & MAR	2401 DEMPSTER AVE.	IL LUST, IL AIRS, IL BOL	Lower	2576, 0.488, SSW
U119	CYRAJ OIL CORPORATIO	2401 WEST DEMPSTER A	UST FINDER RELEASE	Lower	2576, 0.488, SSW
R120	AQUA JET SELF-SERVIC	2201 DEMPSTER STREET	IL ENG CONTROLS, IL INST CONTROL, IL SRP, IL BOL	Lower	2577, 0.488, SSW
V121	EVANSTON, CITY OF	1102 EMERSON ST.	IL LUST	Higher	2609, 0.494, ENE
V122	EVANSTON, CITY OF	1102 EMERSON ST.	UST FINDER RELEASE	Higher	2609, 0.494, ENE
W123	EVANSTON CAR WASH	2416 DEMPSTER	UST FINDER, UST FINDER RELEASE	Lower	2615, 0.495, SSW
W124	EVANSTON CAR WASH	2416 DEMPSTER	IL LUST, IL UST, IL BOL	Lower	2615, 0.495, SSW
125	EVANSTON PLAZA SHOPP	1954 DEMPSTER STREET	IL ENG CONTROLS, IL INST CONTROL, IL SRP, IL BOL	Lower	2617, 0.496, South
126	EVANSTON BANK TRUST	3300 WEST DEMPSTER	IL LUST	Lower	2629, 0.498, SW
127	NORTHWESTERN GAS, LI	912 CLARK STREET	EDR MGP	Higher	3129, 0.593, East
128	NORTH WESTERN GAS WO	918 UNIVERSITY PLACE	EDR MGP	Higher	3278, 0.621, ENE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-VSQQ: A review of the RCRA-VSQQ list, as provided by EDR, and dated 06/03/2024 has revealed that there are 3 RCRA-VSQQ sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>EVANSTON TOWNSHIP HS</i> EPA ID:: ILD984840686	<i>1600 DODGE AVE</i>	<i>ESE 0 - 1/8 (0.081 mi.)</i>	<i>32</i>	<i>15</i>
<i>TAPECOAT COMPANY/ CH</i> EPA ID:: ILD005252796	<i>1527 LYONS ST</i>	<i>ENE 1/8 - 1/4 (0.139 mi.)</i>	<i>E45</i>	<i>18</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>UNITED STATES POSTAL</i> EPA ID:: ILD984804641	<i>1700 EMERSON</i>	<i>NE 1/8 - 1/4 (0.237 mi.)</i>	<i>G58</i>	<i>22</i>

Lists of state and tribal landfills and solid waste disposal facilities

IL SWF/LF: A review of the IL SWF/LF list, as provided by EDR, has revealed that there is 1 IL SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>ACTIVE SERVICE CORPO</i> Database: LF WMRC, Date of Government Version: 12/31/2001 Operational Status: OPERATIONAL IEPA ID Number: 310810003		<i>SE 1/4 - 1/2 (0.382 mi.)</i>	<i>77</i>	<i>27</i>

EXECUTIVE SUMMARY

IL NIPC: A review of the IL NIPC list, as provided by EDR, and dated 08/01/1988 has revealed that there is 1 IL NIPC site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ACTIVE SERVICE CORPO		SE 1/4 - 1/2 (0.382 mi.)	77	27

Lists of state and tribal leaking storage tanks

IL LUST: A review of the IL LUST list, as provided by EDR, and dated 07/15/2024 has revealed that there are 44 IL LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCHEIN, DON NFA/NFR Letter: 3/8/2001 Incident Num: 20001615 IL EPA Id: 0310815231	1823 CHURCH ST	0 - 1/8 (0.000 mi.)	B3	8
E-TOWN COMMUNITY VEN Incident Num: 20150678 IL EPA Id: 0310815369	1801-1805 CHURCH STR	0 - 1/8 (0.000 mi.)	B10	10
CSE 1611, LLC Incident Num: 20220161 IL EPA Id: 0310815397	1611 CHURCH STREET	E 0 - 1/8 (0.027 mi.)	C20	12
JOHN J. CAHILL INC. NFA/NFR Letter: 1/15/1993 Incident Num: 920776 IL EPA Id: 0310815118	1515 CHURCH ST.	E 0 - 1/8 (0.032 mi.)	C25	13
VEOLIA ENVIRONMENTAL Incident Num: 20210983 IL EPA Id: 0310815013	1712 CHURCH ST	ENE 0 - 1/8 (0.054 mi.)	D27	14
TAPECOAT CO. Incident Num: 960814 IL EPA Id: 0310815020	1523 LYONS ST.	ENE 1/8 - 1/4 (0.127 mi.)	E42	17
POSITIVE CONNECTIONS NFA/NFR Letter: 11/16/2010 Incident Num: 20090690 Incident Num: 20090958 IL EPA Id: 0310815042	1528 EMERSON STREET	ENE 1/8 - 1/4 (0.211 mi.)	F50	20
ROBINSON BUS SERVICE Incident Num: 20000092 IL EPA Id: 0310815042	1528 EMERSON	ENE 1/8 - 1/4 (0.211 mi.)	F51	20
CAMCO INC. Incident Num: 942861 IL EPA Id: 0312885276	3337 GOLF RD.	WNW 1/4 - 1/2 (0.321 mi.)	64	24
AMOCO OIL CO. #5309 NFA/NFR Letter: 7/30/2013 Incident Num: 900401 IL EPA Id: 0310815084	RIDGE & CLARK	E 1/4 - 1/2 (0.355 mi.)	I69	25
BP SERVICE STATION #	1803 RIDGE AVE	E 1/4 - 1/2 (0.365 mi.)	I74	26

EXECUTIVE SUMMARY

<p>NFA/NFR Letter: 7/30/2013 Incident Num: 20040256 IL EPA Id: 0310815084</p>				
1815 RIDGE AVENUE, L Incident Num: 20200433 IL EPA Id: 0310815178	1815-1823 RIDGE AVEN	ENE 1/4 - 1/2 (0.398 mi.)	N86	30
1815 RIDGE AVENUE, L Incident Num: 20200535 IL EPA Id: 0310815178	1815-1823 RIDGE AVEN	ENE 1/4 - 1/2 (0.398 mi.)	N87	30
FIRE KING CAR WASH Incident Num: 20191036 IL EPA Id: 0310815092	1950 N GREEN BAY RD	ENE 1/4 - 1/2 (0.426 mi.)	O89	31
GREEN BAY FUEL MART NFA/NFR Letter: 5/19/1992 Incident Num: 891562 IL EPA Id: 0310815092	1950 GREEN BAY ROAD	ENE 1/4 - 1/2 (0.426 mi.)	O91	31
EVANSTON, CITY OF NFA/NFR Letter: 9/21/2001 Incident Num: 20240420 Incident Num: 991522 Incident Num: 971960 IL EPA Id: 0310815056	2020 ASBURY	ENE 1/4 - 1/2 (0.427 mi.)	O93	32
FRIEDMAN, ALLEN ESTA NFA/NFR Letter: 12/24/2012 Incident Num: 20120970 IL EPA Id: 0310815347	1615 OAK AVENUE	E 1/4 - 1/2 (0.432 mi.)	P95	32
LASSEN, ADELLA Incident Num: 931847 IL EPA Id: 0310815149	1575 OAK AVE.	E 1/4 - 1/2 (0.438 mi.)	97	33
PEP BOYS 1458 NFA/NFR Letter: 7/29/1996 Incident Num: 952381 IL EPA Id: 0310815179	1911 GREEN BAY ROAD	ENE 1/4 - 1/2 (0.439 mi.)	O99	33
EVANSTON CITGO NFA/NFR Letter: 10/18/2001 NFA/NFR Letter: 4/5/2005 Incident Num: 920479 Incident Num: 982914 IL EPA Id: 0310815091	1925 GREEN BAY ROAD	ENE 1/4 - 1/2 (0.439 mi.)	O102	34
RADAIOS TRUST #10503 Incident Num: 972433 IL EPA Id: 0310815201	1033 DAVIS ST.	E 1/4 - 1/2 (0.439 mi.)	P103	34
EVANSTON, CITY OF NFA/NFR Letter: 2/9/2004 Incident Num: 901599 IL EPA Id: 0310815078	1102 EMERSON ST.	ENE 1/4 - 1/2 (0.494 mi.)	V121	39
Lower Elevation	Address	Direction / Distance	Map ID	Page
ACTIVE SERVICE CORP. NFA/NFR Letter: 12/2/1994	1710 LYONS ST.	ENE 0 - 1/8 (0.093 mi.)	D36	16

EXECUTIVE SUMMARY

Incident Num: 923691 Incident Num: 20050658 IL EPA Id: 0310810003 IL EPA Id: 0310815280	1710 LYON ST.	ENE 0 - 1/8 (0.114 mi.)	40	17
ONYX WASTE SERVICES NFA/NFR Letter: 9/8/2004 Incident Num: 20031305 IL EPA Id: 0310810003				
AMOCO OIL CO. #8723 NFA/NFR Letter: 11/29/2001 Incident Num: 911924 IL EPA Id: 0312885205	9410 MCCORMICK	W 0 - 1/8 (0.119 mi.)	41	17
ROBINSON BUS SERVICE NFA/NFR Letter: 1/12/2001 Incident Num: 960718 IL EPA Id: 0310813010	1622 EMERSON	NE 1/8 - 1/4 (0.234 mi.)	G53	21
UNITED STATES POSTAL NFA/NFR Letter: 2/14/1991 NFA/NFR Letter: 1/22/2008 Incident Num: 902933 Incident Num: 891640 Incident Num: 881480 IL EPA Id: 0310815062	1700 EMERSON	NE 1/8 - 1/4 (0.237 mi.)	G58	22
ROBINSON BUS CO. NFA/NFR Letter: 7/21/1995 Incident Num: 930489 IL EPA Id: 0310813010	EMERSON & DEWEY ST.	NE 1/8 - 1/4 (0.246 mi.)	G60	23
ST. ANDREWS EPISCOPA Incident Num: 20002119 IL EPA Id: 0310815234	1928 DARROW	NNE 1/4 - 1/2 (0.318 mi.)	63	23
EMSQ, LLC Incident Num: 20121320 IL EPA Id: 0310815028	1600 FOSTER STREET	NE 1/4 - 1/2 (0.328 mi.)	H65	24
CONTINENTAL CONSTRUC NFA/NFR Letter: 9/10/2003 Incident Num: 20002301 Incident Num: 20010447 IL EPA Id: 0310815235	1919 GREENWOOD ST.	SSE 1/4 - 1/2 (0.360 mi.)	J72	26
FLEETWOOD JOURDAIN C NFA/NFR Letter: 1/15/2009 Incident Num: 910482 IL EPA Id: 0310815096	1655 FOSTER ST	NE 1/4 - 1/2 (0.377 mi.)	K75	27
DICKSON WEATHERPROOF NFA/NFR Letter: 6/6/2000 Incident Num: 952405 IL EPA Id: 0310815017	1900 GREENWOOD	SSE 1/4 - 1/2 (0.386 mi.)	L79	28
GROSMAN, ROBERT NFA/NFR Letter: 9/23/2003 Incident Num: 20021443 IL EPA Id: 0310815171	2100 GREENWOOD AVE	S 1/4 - 1/2 (0.395 mi.)	M81	28
PELOUZE SCALE CO	2120 GREENWOOD AVE	SSW 1/4 - 1/2 (0.395 mi.)	M83	29

EXECUTIVE SUMMARY

NFA/NFR Letter: 7/28/1994 NFA/NFR Letter: 10/3/1994 Incident Num: 891056 Incident Num: 900960 IL EPA Id: 0310815011				
UCHTMAN, CHARLES NFA/NFR Letter: 1/15/2004 Incident Num: 20031360 IL EPA Id: 0310815261	1335 DODGE AVE	SSE 1/4 - 1/2 (0.456 mi.)	Q104	35
ST. FRANCIS HOSPITAL NFA/NFR Letter: 7/22/2003 Incident Num: 923698 IL EPA Id: 0310815143	1310 HARTREY	SSW 1/4 - 1/2 (0.460 mi.)	R106	35
OVER THE RAINBOW ASS NFA/NFR Letter: 9/9/1992 Incident Num: 921617 IL EPA Id: 0310815132	2026 BROWN ST.	N 1/4 - 1/2 (0.468 mi.)	S108	36
RAINBOW UNIT 2 NFA/NFR Letter: 10/27/1992 Incident Num: 920863 IL EPA Id: 0310815126	2030 BROWN ST.	N 1/4 - 1/2 (0.468 mi.)	S109	36
PRL INDUSTRIES LLC NFA/NFR Letter: 5/4/2009 Incident Num: 20081763 IL EPA Id: 0310815311	2025 DEMPSTER STREET	S 1/4 - 1/2 (0.480 mi.)	T114	37
BELL FUELS NFA/NFR Letter: 1/29/2021 NFA/NFR Letter: 10/7/2005 Incident Num: 20061405 Incident Num: 900454 Incident Num: 910501 IL EPA Id: 0310815104	2401 WEST DEMPSTER	SSW 1/4 - 1/2 (0.488 mi.)	U116	38
CLARK REFINING & MAR NFA/NFR Letter: 10/7/2005 Incident Num: 990144 IL EPA Id: 0310815104	2401 DEMPSTER AVE.	SSW 1/4 - 1/2 (0.488 mi.)	U118	38
EVANSTON CAR WASH NFA/NFR Letter: 11/19/1991 Incident Num: 911383 IL EPA Id: 0310815109	2416 DEMPSTER	SSW 1/4 - 1/2 (0.495 mi.)	W124	40
EVANSTON BANK TRUST Incident Num: 950162 IL EPA Id: 0312885283	3300 WEST DEMPSTER	SW 1/4 - 1/2 (0.498 mi.)	126	40

Lists of state and tribal registered storage tanks

IL UST: A review of the IL UST list, as provided by EDR, and dated 07/15/2024 has revealed that there

EXECUTIVE SUMMARY

are 10 IL UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCHEIN (DON) Tank Status: Removed Status: EXEMPT Facility Id: 2039860	1823 CHURCH ST	0 - 1/8 (0.000 mi.)	B9	9
UNKNOWN Tank Status: Removed Status: EXEMPT Facility Id: 2043631	1613 CHURCH STREET	E 0 - 1/8 (0.004 mi.)	C18	11
WAREHOUSE Tank Status: Removed Status: EXEMPT Facility Id: 2040429	1611 CHURCH STREET	E 0 - 1/8 (0.027 mi.)	C21	12
JOHN J CAHILL INC Tank Status: Removed Status: CLOSED Facility Id: 2014879	1515 CHURCH ST	E 0 - 1/8 (0.032 mi.)	C22	12
ADVANCED DISPOSAL EV Tank Status: Removed Status: CLOSED Facility Id: 2002987	1712 CHURCH STREET	ENE 0 - 1/8 (0.054 mi.)	D30	14
THE TAPECOAT COMPANY Tank Status: Abandoned in place Status: EXEMPT Facility Id: 2035074	1527 LYONS ST	ENE 1/8 - 1/4 (0.139 mi.)	E44	18
POSITIVE CONNECTIONS Tank Status: Removed Status: CLOSED Facility Id: 2012970	1528 EMERSON	ENE 1/8 - 1/4 (0.211 mi.)	F47	19
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONYX WASTE SERVICES, Tank Status: Removed Status: CLOSED Facility Id: 2024016	1710 LYONS STREET	ENE 0 - 1/8 (0.093 mi.)	D33	15
ROBINSON BUS SERVICE Tank Status: Removed Status: CLOSED Facility Id: 2012971	1622 EMERSON	NE 1/8 - 1/4 (0.234 mi.)	G53	21
EVANSTON VEHICLE MAI Tank Status: Removed Status: CLOSED Facility Id: 2019720	1700 EMERSON ST	NE 1/8 - 1/4 (0.237 mi.)	G57	22

EXECUTIVE SUMMARY

IL AST: A review of the IL AST list, as provided by EDR, and dated 08/08/2024 has revealed that there are 2 IL AST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VERIZON WIRELESS MCC Occupancy Number: 1676324019262-CN-059	2313 CHURCH STREET	0 - 1/8 (0.000 mi.)	4	8
AT & T-TANK #1-173 Occupancy Number: CN-059-1401899340793	2312 LYONS STREET	WNW 0 - 1/8 (0.112 mi.)	39	17

State and tribal institutional control / engineering control registries

IL ENG CONTROLS: A review of the IL ENG CONTROLS list, as provided by EDR, and dated 06/24/2024 has revealed that there are 10 IL ENG CONTROLS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>E-TOWN COMMUNITY VEN</i> Illinois Epa Id: 0310815369	<i>1801-1805 CHURCH STR</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>B10</i>	<i>10</i>
<i>TAPECOAT CO INC</i> Illinois Epa Id: 0310815256	<i>1520 LYONS ST</i>	<i>ENE 1/8 - 1/4 (0.130 mi.)</i>	<i>E43</i>	<i>18</i>
<i>TAPECOAT COMPANY/ CH</i> Illinois Epa Id: 0310815020	<i>1527 LYONS ST</i>	<i>ENE 1/8 - 1/4 (0.139 mi.)</i>	<i>E45</i>	<i>18</i>
<i>NEWTOWN CLEANERS</i> Illinois Epa Id: 0312880036	<i>3347 GOLF ROAD</i>	<i>NW 1/4 - 1/2 (0.387 mi.)</i>	<i>80</i>	<i>28</i>
<i>NATIONAL SCHOOL TOWE</i> Illinois Epa Id: 0310815178	<i>1815 RIDGE AVENUE</i>	<i>ENE 1/4 - 1/2 (0.398 mi.)</i>	<i>N88</i>	<i>30</i>
<i>PEP BOYS 1458</i> Illinois Epa Id: 0310815179	<i>1911 GREEN BAY ROAD</i>	<i>ENE 1/4 - 1/2 (0.439 mi.)</i>	<i>O99</i>	<i>33</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BISHOP FREEMAN</i> Illinois Epa Id: 0310815028	<i>1600 FOSTER ST</i>	<i>NE 1/4 - 1/2 (0.328 mi.)</i>	<i>H67</i>	<i>25</i>
<i>BARRY LAND PARCEL, L</i> Illinois Epa Id: 0310815361	<i>1901 WEST DEMPSTER S</i>	<i>SSE 1/4 - 1/2 (0.475 mi.)</i>	<i>Q112</i>	<i>37</i>
<i>AQUA JET SELF-SERVIC</i> Illinois Epa Id: 0310815338	<i>2201 DEMPSTER STREET</i>	<i>SSW 1/4 - 1/2 (0.488 mi.)</i>	<i>R120</i>	<i>39</i>
<i>EVANSTON PLAZA SHOPP</i> Illinois Epa Id: 0310810009	<i>1954 DEMPSTER STREET</i>	<i>S 1/4 - 1/2 (0.496 mi.)</i>	<i>125</i>	<i>40</i>

EXECUTIVE SUMMARY

IL INST CONTROL: A review of the IL INST CONTROL list, as provided by EDR, and dated 06/24/2024 has revealed that there are 11 IL INST CONTROL sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
E-TOWN COMMUNITY VEN Illinois EPA Id: 0310815369	1801-1805 CHURCH STR	0 - 1/8 (0.000 mi.)	B10	10
TAPECOAT CO INC Illinois EPA Id: 0310815256	1520 LYONS ST	ENE 1/8 - 1/4 (0.130 mi.)	E43	18
TAPECOAT COMPANY/ CH Illinois EPA Id: 0310815020	1527 LYONS ST	ENE 1/8 - 1/4 (0.139 mi.)	E45	18
NEWTOWN CLEANERS Illinois EPA Id: 0312880036	3347 GOLF ROAD	NW 1/4 - 1/2 (0.387 mi.)	80	28
NATIONAL SCHOOL TOWE Illinois EPA Id: 0310815178	1815 RIDGE AVENUE	ENE 1/4 - 1/2 (0.398 mi.)	N88	30
PEP BOYS 1458 Illinois EPA Id: 0310815179	1911 GREEN BAY ROAD	ENE 1/4 - 1/2 (0.439 mi.)	O99	33

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BISHOP FREEMAN Illinois EPA Id: 0310815028	1600 FOSTER ST	NE 1/4 - 1/2 (0.328 mi.)	H67	25
GROSMAN, ROBERT Illinois EPA Id: 0310815171	2100 GREENWOOD AVE	S 1/4 - 1/2 (0.395 mi.)	M81	28
BARRY LAND PARCEL, L Illinois EPA Id: 0310815361	1901 WEST DEMPSTER S	SSE 1/4 - 1/2 (0.475 mi.)	Q112	37
AQUA JET SELF-SERVIC Illinois EPA Id: 0310815338	2201 DEMPSTER STREET	SSW 1/4 - 1/2 (0.488 mi.)	R120	39
EVANSTON PLAZA SHOPP Illinois EPA Id: 0310810009	1954 DEMPSTER STREET	S 1/4 - 1/2 (0.496 mi.)	125	40

Lists of state and tribal voluntary cleanup sites

IL SRP: A review of the IL SRP list, as provided by EDR, and dated 06/24/2024 has revealed that there are 12 IL SRP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
E-TOWN COMMUNITY VEN IL EPA Id: 0310815369	1801-1805 CHURCH STR	0 - 1/8 (0.000 mi.)	B10	10
CYRUS HOMES INC IL EPA Id: 0310815294	1613 CHURCH STREET	E 0 - 1/8 (0.004 mi.)	C19	12
TAPECOAT CO INC IL EPA Id: 0310815256	1520 LYONS ST	ENE 1/8 - 1/4 (0.130 mi.)	E43	18
TAPECOAT COMPANY/ CH IL EPA Id: 0310815020	1527 LYONS ST	ENE 1/8 - 1/4 (0.139 mi.)	E45	18
NEWTOWN CLEANERS	3347 GOLF ROAD	NW 1/4 - 1/2 (0.387 mi.)	80	28

EXECUTIVE SUMMARY

IL EPA Id: 0312880036				
NATIONAL SCHOOL TOWE	1815 RIDGE AVENUE	ENE 1/4 - 1/2 (0.398 mi.)	N88	30
IL EPA Id: 0310815178				
PEP BOYS 1458	1911 GREEN BAY ROAD	ENE 1/4 - 1/2 (0.439 mi.)	O99	33
IL EPA Id: 0310815179				
Lower Elevation	Address	Direction / Distance	Map ID	Page
BISHOP FREEMAN	1600 FOSTER ST	NE 1/4 - 1/2 (0.328 mi.)	H67	25
IL EPA Id: 0310815028				
GROSMAN, ROBERT	2100 GREENWOOD AVE	S 1/4 - 1/2 (0.395 mi.)	M81	28
IL EPA Id: 0310815171				
BARRY LAND PARCEL, L	1901 WEST DEMPSTER S	SSE 1/4 - 1/2 (0.475 mi.)	Q112	37
IL EPA Id: 0310815361				
AQUA JET SELF-SERVIC	2201 DEMPSTER STREET	SSW 1/4 - 1/2 (0.488 mi.)	R120	39
IL EPA Id: 0310815338				
EVANSTON PLAZA SHOPP	1954 DEMPSTER STREET	S 1/4 - 1/2 (0.496 mi.)	125	40
IL EPA Id: 0310810009				

Lists of state and tribal brownfield sites

IL BROWNFIELDS: A review of the IL BROWNFIELDS list, as provided by EDR, has revealed that there is 1 IL BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BISHOP FREEMAN	1600 FOSTER ST	NE 1/4 - 1/2 (0.328 mi.)	H67	25
Database: BROWNFIELDS, Date of Government Version: 07/15/2024				
IL EPA ID: 0310815028				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/10/2024 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
1600 FOSTER AVENUE	1600 FOSTER AVENUE	NE 1/4 - 1/2 (0.328 mi.)	H66	24

EXECUTIVE SUMMARY

Records of Emergency Release Reports

IL SPILLS: A review of the IL SPILLS list, as provided by EDR, has revealed that there are 3 IL SPILLS sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported Database: SPILLS, Date of Government Version: 05/06/2024 Incident ID: 20001615	1823 CHURCH STREET	0 - 1/8 (0.000 mi.)	B5	8
E-TOWN COMMUNITY VEN Database: SPILLS, Date of Government Version: 05/06/2024 Incident ID: 20150678	1801-1805 CHURCH STR	0 - 1/8 (0.000 mi.)	B10	10
Not reported Database: IEMA SPILLS, Date of Government Version: 07/22/2024	1823 CHURCH STREET	0 - 1/8 (0.000 mi.)	B11	10

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/03/2024 has revealed that there are 6 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAHILL JOHN J INC EPA ID:: ILD984843292	1515 CHURCH ST	E 0 - 1/8 (0.032 mi.)	C24	13
VEOLIA EPA ID:: ILD042068429	1712 CHURCH ST	ENE 0 - 1/8 (0.054 mi.)	D26	13
KEY DISPOSAL CO EPA ID:: ILD051908473	1712 CHURCH ST	ENE 0 - 1/8 (0.054 mi.)	D28	14
ROBINSON BUS SERVICE EPA ID:: ILD054330998	1528 EMERSON	ENE 1/8 - 1/4 (0.211 mi.)	F51	20
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHURCH ST BRIDGE EPA ID:: ILD984908517	CHURCH ST AND N SHOR	W 0 - 1/8 (0.067 mi.)	31	15
COMED TSS47 EPA ID:: ILR000201335	1712 EMERSON RD	NE 1/8 - 1/4 (0.237 mi.)	G59	23

FUDS: A review of the FUDS list, as provided by EDR, and dated 07/31/2024 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTHWESTERN UNIVERS		E 0 - 1/8 (0.111 mi.)	38	16

EXECUTIVE SUMMARY

FINDS: A review of the FINDS list, as provided by EDR, and dated 08/13/2024 has revealed that there are 3 FINDS sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCHEIN, DON Registry ID:: 110018265223	1823 CHURCH ST	0 - 1/8 (0.000 mi.)	B6	9
1911 -17 CHURCH ST Registry ID:: 110056308801	1911 -17 CHURCH ST	0 - 1/8 (0.000 mi.)	A15	11
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHARLOTTE CHARLES IN Registry ID:: 110001677748	1715 CHURCH ST	0 - 1/8 (0.000 mi.)	B8	9

ECHO: A review of the ECHO list, as provided by EDR, and dated 06/23/2024 has revealed that there is 1 ECHO site within approximately 0.001 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHARLOTTE CHARLES IN Registry ID: 110001677748	1715 CHURCH ST	0 - 1/8 (0.000 mi.)	B8	9

PFAS ECHO: A review of the PFAS ECHO list, as provided by EDR, and dated 07/01/2024 has revealed that there is 1 PFAS ECHO site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TAPECOAT CO INC		ENE 1/8 - 1/4 (0.151 mi.)	E46	19

UST FINDER RELEASE: A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 36 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCHEIN, DON	1823 CHURCH ST.	0 - 1/8 (0.000 mi.)	B2	8
E-TOWN COMMUNITY VEN	1801-1805 CHURCH STR	0 - 1/8 (0.000 mi.)	B12	10
JOHN J CAHILL INC	1515 CHURCH ST	E 0 - 1/8 (0.032 mi.)	C23	13
ROBINSON RENTALS, IN	1528 EMERSON STREET	ENE 1/8 - 1/4 (0.211 mi.)	F48	19
AMOCO OIL CO. #5309	RIDGE & CLARK	E 1/4 - 1/2 (0.355 mi.)	I68	25
BP PRODUCTS NORTH AM	1803 RIDGE AVENUE	E 1/4 - 1/2 (0.365 mi.)	I73	26
FIRE KING CAR WASH	1950 NORTH GREEN BAY	ENE 1/4 - 1/2 (0.426 mi.)	O90	31
EVANSTON, CITY OF	2020 ASBURY	ENE 1/4 - 1/2 (0.427 mi.)	O92	32
EVANSTON, CITY OF	2020 ASBURY AVE.	ENE 1/4 - 1/2 (0.427 mi.)	O94	32
FRIEDMAN, ALLEN ESTA	1615 OAK AVENUE	E 1/4 - 1/2 (0.432 mi.)	P96	33
WERTYMER, FRED	1911 GREEN BAY RD.	ENE 1/4 - 1/2 (0.439 mi.)	O98	33
HASAPIES, DEAN	1925 GREEN BAY RD.	ENE 1/4 - 1/2 (0.439 mi.)	O100	34
EMERSON PIT STOP	1925 GREEN BAY RD.	ENE 1/4 - 1/2 (0.439 mi.)	O101	34
EVANSTON, CITY OF	1102 EMERSON ST.	ENE 1/4 - 1/2 (0.494 mi.)	V122	39
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONYX WASTE SERVICES	1710 LYON ST.	ENE 0 - 1/8 (0.093 mi.)	D34	16

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ACTIVE SERVICE CORP.	1710 LYONS ST.	ENE 0 - 1/8 (0.093 mi.)	D35	16
ROBINSON BUS SERVICE	1622 EMERSON ST.	NE 1/8 - 1/4 (0.234 mi.)	G54	21
U.S. POSTAL SERVICE	1700 EMERSON ST.	NE 1/8 - 1/4 (0.237 mi.)	G56	21
ROBINSON BUS CO.	EMERSON & DEWEY ST.	NE 1/8 - 1/4 (0.246 mi.)	G61	23
AMOCO OIL CO. #8723	9410 MCCORMICK	WNW 1/4 - 1/2 (0.274 mi.)	62	23
CONTINENTAL CONSTRUC	1919 GREENWOOD	SSE 1/4 - 1/2 (0.360 mi.)	J70	25
CONTINENTAL CONSTRUC	1919 GREENWOOD ST.	SSE 1/4 - 1/2 (0.360 mi.)	J71	26
EVANSTON, CITY OF	1655 FOSTER	NE 1/4 - 1/2 (0.377 mi.)	K76	27
DICKSON WEATHERPROOF	1900 GREENWOOD ST.	SSE 1/4 - 1/2 (0.386 mi.)	L78	27
GROSMAN, ROBERT	2100 GREENWOOD AVE.	S 1/4 - 1/2 (0.395 mi.)	M82	29
PELOUZE SCALE CO.	2120 GREENWOOD AVE.	SSW 1/4 - 1/2 (0.395 mi.)	M84	30
PELOUZE SCALE	2120 GREENWOOD AVE.	SSW 1/4 - 1/2 (0.395 mi.)	M85	30
UCHTMAN, CHARLES	1335 DODGE AVE.	SSE 1/4 - 1/2 (0.456 mi.)	Q105	35
ST. FRANCIS HOSPITAL	1310 HARTREY	SSW 1/4 - 1/2 (0.460 mi.)	R107	35
RAINBOW UNIT 2	2030 BROWN ST.	N 1/4 - 1/2 (0.468 mi.)	S110	36
OVER THE RAINBOW ASS	2026 BROWN ST.	N 1/4 - 1/2 (0.468 mi.)	S111	36
PRL INDUSTRIES LLC	2025 DEMPSTER STREET	S 1/4 - 1/2 (0.480 mi.)	T113	37
CLARK REFINING & MAR	2401 DEMPSTER AVE.	SSW 1/4 - 1/2 (0.488 mi.)	U115	37
BELL FUELS	2401 WEST DEMPSTER	SSW 1/4 - 1/2 (0.488 mi.)	U117	38
CYRAJ OIL CORPORATIO	2401 WEST DEMPSTER A	SSW 1/4 - 1/2 (0.488 mi.)	U119	38
EVANSTON CAR WASH	2416 DEMPSTER	SSW 1/4 - 1/2 (0.495 mi.)	W123	39

UST FINDER: A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there are 6 UST FINDER sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN J CAHILL INC	1515 CHURCH ST	E 0 - 1/8 (0.032 mi.)	C23	13
ADVANCED DISPOSAL EV	1712 CHURCH STREET	ENE 0 - 1/8 (0.054 mi.)	D29	14
POSITIVE CONNECTIONS	1528 EMERSON	ENE 1/8 - 1/4 (0.211 mi.)	F49	20
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONYX WASTE SERVICES,	1710 LYONS STREET	ENE 0 - 1/8 (0.093 mi.)	D37	16
ROBINSON BUS SERVICE	1622 EMERSON	NE 1/8 - 1/4 (0.234 mi.)	G52	21
EVANSTON VEHICLE MAI	1700 EMERSON ST	NE 1/8 - 1/4 (0.237 mi.)	G55	21

E MANIFEST: A review of the E MANIFEST list, as provided by EDR, and dated 07/24/2023 has revealed that there are 3 E MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EVANSTON TOWNSHIP HS	1600 DODGE AVE	ESE 0 - 1/8 (0.081 mi.)	32	15
TAPECOAT COMPANY/ CH	1527 LYONS ST	ENE 1/8 - 1/4 (0.139 mi.)	E45	18
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNITED STATES POSTAL	1700 EMERSON	NE 1/8 - 1/4 (0.237 mi.)	G58	22

EXECUTIVE SUMMARY

IL AIRS: A review of the IL AIRS list, as provided by EDR, and dated 07/01/2024 has revealed that there is 1 IL AIRS site within approximately 0.001 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHARLOTTE CHARLES IN Facility Id: 1307	1715 CHURCH ST	0 - 1/8 (0.000 mi.)	B8	9

IL BOL: A review of the IL BOL list, as provided by EDR, and dated 10/16/2023 has revealed that there is 1 IL BOL site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCHEIN, DON Site Id: 170000452034 Inv Num: 0310815231	1823 CHURCH ST	0 - 1/8 (0.000 mi.)	B3	8

WI MANIFEST: A review of the WI MANIFEST list, as provided by EDR, and dated 05/31/2018 has revealed that there is 1 WI MANIFEST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TAPECOAT COMPANY/ CH ACT Status: A FID: 0 EPA ID: ILD005252796	1527 LYONS ST	ENE 1/8 - 1/4 (0.139 mi.)	E45	18

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: A review of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTHWESTERN GAS, LI	912 CLARK STREET	E 1/2 - 1 (0.593 mi.)	127	41
NORTH WESTERN GAS WO	918 UNIVERSITY PLACE	ENE 1/2 - 1 (0.621 mi.)	128	41

EDR Hist Auto: A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TEDS TEXACO SERVICE	1801 CHURCH ST	0 - 1/8 (0.000 mi.)	B13	10
EMERYS SINCLAIR	1827 CHURCH AT DODG	0 - 1/8 (0.000 mi.)	B14	11

EXECUTIVE SUMMARY

EDR Hist Cleaner: A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOWNSHIP CLEANER	1913 CHURCH ST	0 - 1/8 (0.000 mi.)	A1	8
CLEANERS THE*	1813 W CHURCH	0 - 1/8 (0.000 mi.)	B16	11
KOSHGARIAN S ORIENTA	1911 CHURCH	E 0 - 1/8 (0.003 mi.)	A17	11

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

IL RGA LUST: A review of the IL RGA LUST list, as provided by EDR, has revealed that there is 1 IL RGA LUST site within approximately 0.001 miles of the target property.

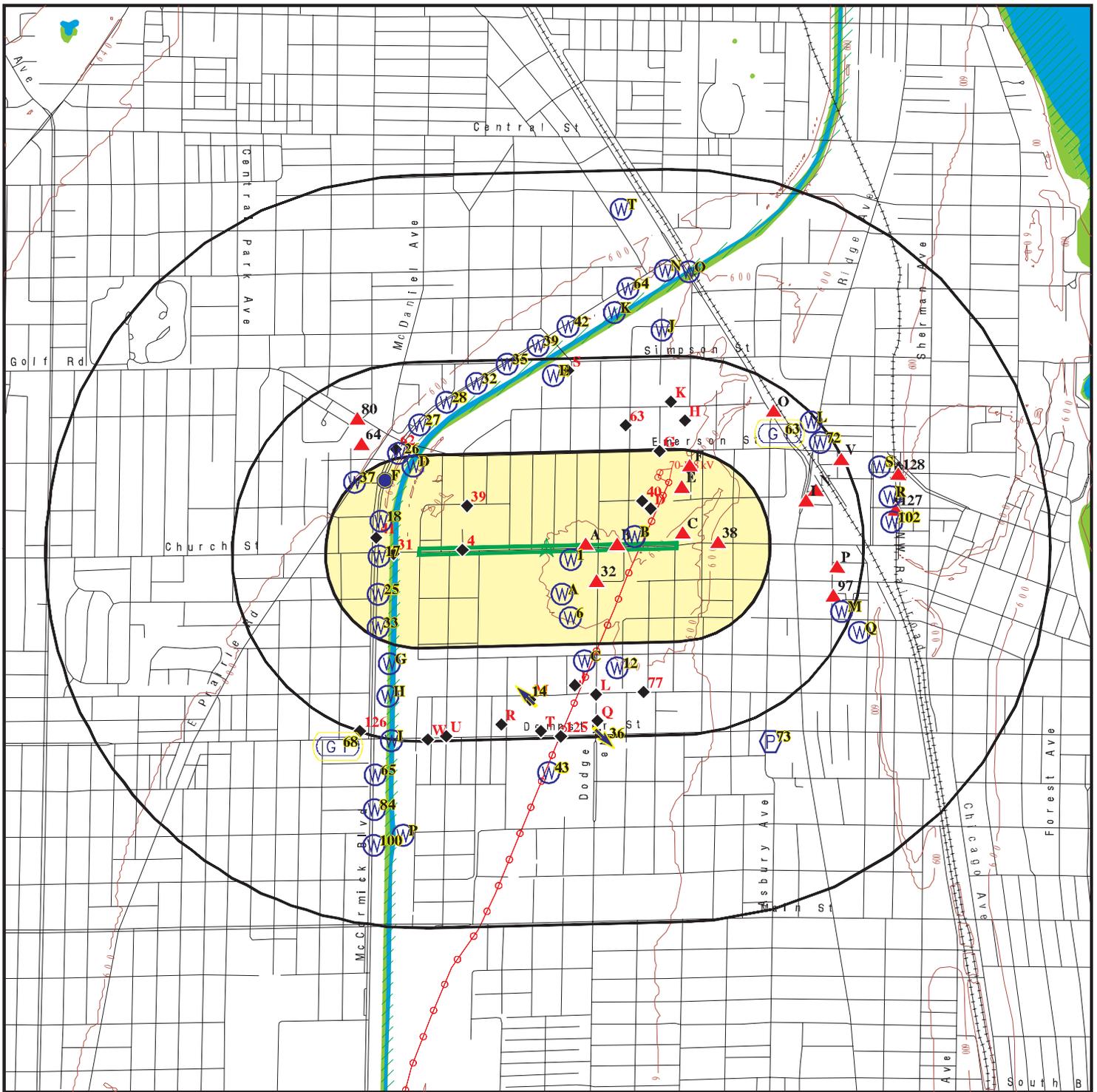
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCHEIN, DON Facility ID: 20001615	1823 CHURCH ST.	0 - 1/8 (0.000 mi.)	B7	9

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SKOKIE	S108966703	METROPOLITAN BANK GROUP	5250 WEST DEMPSTER	60076	ILLUST

OVERVIEW MAP - 7834093.2S



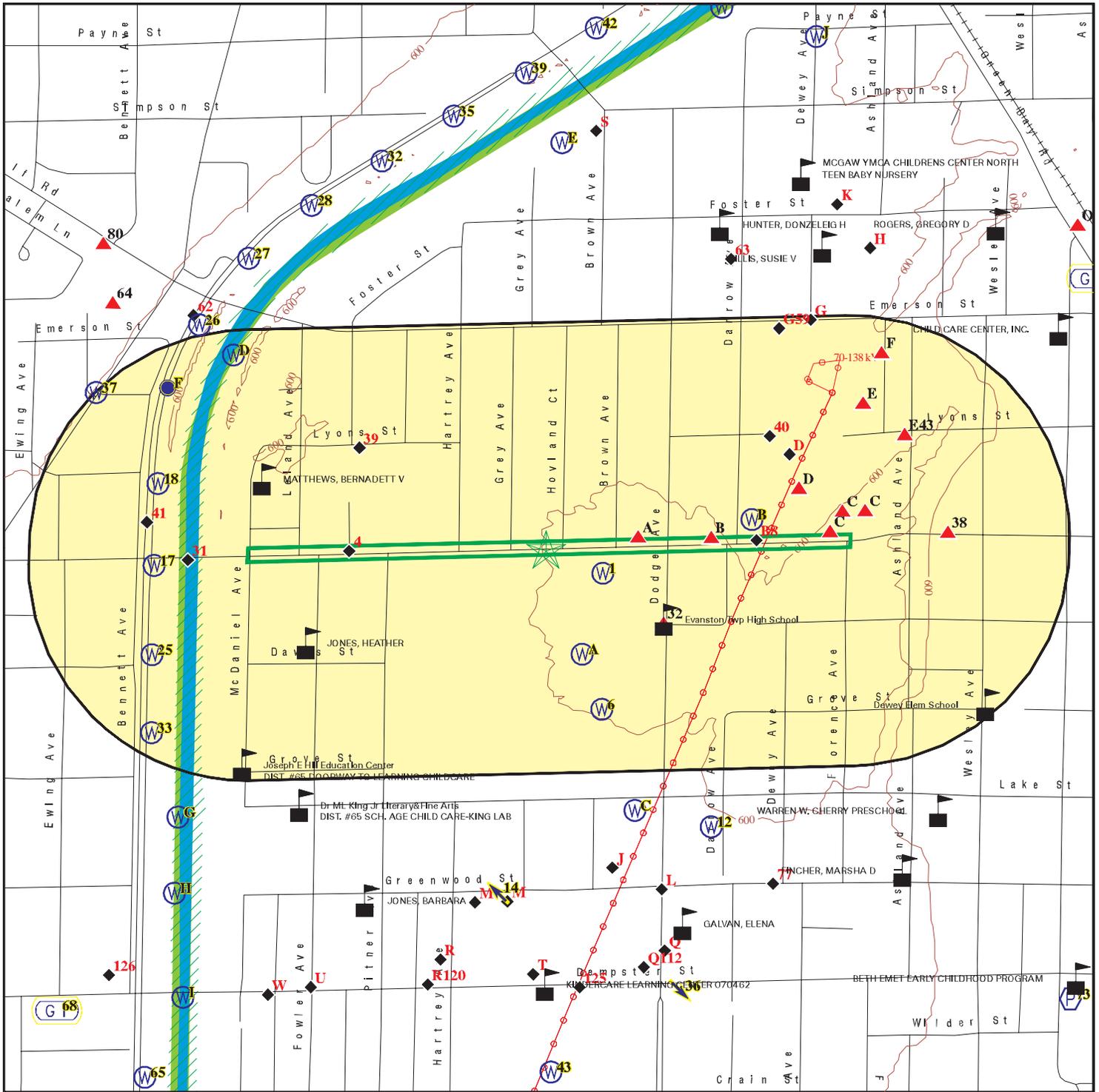
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 9826-D Church From Mcdaniel To Florence
 ADDRESS: Church and Mcdaniel
 Evanston IL 60201
 LAT/LONG: 42.048331 / 87.701711

CLIENT: Interra, Inc.
 CONTACT: Ashok Guntaka
 INQUIRY #: 7834093.2s
 DATE: November 26, 2024 1:22 pm

DETAIL MAP - 7834093.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 9826-D Church From Mcdaniel To Florence
 ADDRESS: Church and Mcdaniel
 Evanston IL 60201
 LAT/LONG: 42.048331 / 87.701711

CLIENT: Interra, Inc.
 CONTACT: Ashok Guntaka
 INQUIRY #: 7834093.2s
 DATE: November 26, 2024 1:25 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		1	2	NR	NR	NR	3
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
IL SSU	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
IL CCDD	0.500		0	0	0	NR	NR	0
IL SWF/LF	0.500		0	0	1	NR	NR	1
IL LF SPECIAL WASTE	0.500		0	0	0	NR	NR	0
IL NIPC	0.500		0	0	1	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>Lists of state and tribal leaking storage tanks</i>								
IL LUST	0.500		8	6	30	NR	NR	44
INDIAN LUST	0.500		0	0	0	NR	NR	0
IL LUST TRUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
IL UST	0.250		6	4	NR	NR	NR	10
IL AST	0.250		2	0	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
IL ENG CONTROLS	0.500		1	2	7	NR	NR	10
IL INST CONTROL	0.500		1	2	8	NR	NR	11
<i>Lists of state and tribal voluntary cleanup sites</i>								
IL SRP	0.500		2	2	8	NR	NR	12
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
IL BROWNFIELDS	0.500		0	0	1	NR	NR	1
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
IL CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
IL TANKS	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
IL SPILLS	0.001		3	NR	NR	NR	NR	3
IL COMPLAINTS	0.001		0	NR	NR	NR	NR	0
IL SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		4	2	NR	NR	NR	6
FUDS	1.000		1	0	0	0	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		3	NR	NR	NR	NR	3
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		1	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0

MAP FINDINGS

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
A1		< 1/8	1 ft.	TOWNSHIP CLEANER 1913 CHURCH ST EVANSTON, IL 60201	EDR Hist Cleaner	1020107804	N/A
<p>Relative: Higher</p> <p>Click here for full text details</p>							
B2		< 1/8	1 ft.	SCHEIN, DON 1823 CHURCH ST. EVANSTON, IL 0	UST FINDER RELEASE	1028989204	N/A
<p>Relative: Higher</p> <p>Click here for full text details</p>							
B3		< 1/8	1 ft.	SCHEIN, DON 1823 CHURCH ST EVANSTON, IL 60201	IL LUST IL BOL	S104792786	N/A
<p>Relative: Higher</p> <p>Click here for full text details</p> <p>IL LUST NFA/NFR Letter 3/8/2001 Incident Num 20001615 IL EPA Id 0310815231</p> <p>IL BOL Site Id 170000452034 Inv Num 0310815231</p>							
4		< 1/8	1 ft.	VERIZON WIRELESS MCCORMICK & DEMPSTER-TANK#1-200 2313 CHURCH STREET EVANSTON, IL 60201	IL AST	A100535088	N/A
<p>Relative: Lower</p> <p>Click here for full text details</p> <p>IL AST Occupancy Number 1676324019262-CN-059</p>							
B5		< 1/8	1 ft.	1823 CHURCH STREET EVANSTON, IL	IL SPILLS	S111907925	N/A
<p>Relative: Higher</p> <p>Click here for full text details</p> <p>IL SPILLS Incident ID 20001615</p>							

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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B6 < 1/8 1 ft.	SCHEIN, DON 1823 CHURCH ST EVANSTON, IL 60201	FINDS	1008129856 N/A
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[Click here for full text details](#)

Relative:
Higher

FINDS
Registry ID: 110018265223

B7 < 1/8 1 ft.	SCHEIN, DON 1823 CHURCH ST. EVANSTON, IL	IL RGA LUST	S115517757 N/A
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[Click here for full text details](#)

Relative:
Higher

IL RGA LUST
Facility ID 20001615

B8 < 1/8 1 ft.	CHARLOTTE CHARLES INC 1715 CHURCH ST EVANSTON, IL 60201	FINDS ECHO IL AIRS	1005636252 N/A
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[Click here for full text details](#)

Relative:
Lower

FINDS
Registry ID: 110001677748

ECHO
Registry ID 110001677748

IL AIRS
Facility Id 1307

B9 < 1/8 1 ft.	SCHEIN (DON) 1823 CHURCH ST EVANSTON, IL 99999	IL UST	U003740742 N/A
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[Click here for full text details](#)

Relative:
Higher

IL UST
Status EXEMPT
Facility Id 2039860
Tank Status Removed

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B10 < 1/8 1 ft.	E-TOWN COMMUNITY VENTURES, LLC 1801-1805 CHURCH STREET EVANSTON, IL 60102 Click here for full text details	IL LUST IL ENG CONTROLS IL INST CONTROL IL SRP IL SPILLS	S118194012 N/A
Relative: Higher	IL LUST Incident Num 20150678 IL EPA Id 0310815369 IL ENG CONTROLS Illinois Epa Id 0310815369 IL INST CONTROL Illinois EPA Id 0310815369 IL SRP IL EPA Id 0310815369 IL SPILLS Incident ID 20150678		
B11 < 1/8 1 ft.	1823 CHURCH STREET EVANSTON, IL Click here for full text details	IL SPILLS	S115755466 N/A
Relative: Higher			
B12 < 1/8 1 ft.	E-TOWN COMMUNITY VENTURES, LLC 1801-1805 CHURCH STREET EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989236 N/A
Relative: Higher			
B13 < 1/8 1 ft.	TEDS TEXACO SERVICE 1801 CHURCH ST EVANSTON, IL 60201 Click here for full text details	EDR Hist Auto	1020219405 N/A
Relative: Higher			

MAP FINDINGS

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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B14				EMERYS SINCLAIR 1827 CHURCH AT DODG EVANSTON, IL 60201	EDR Hist Auto	1021223718	N/A
< 1/8			1 ft.				

Relative: [Click here for full text details](#)
Higher

A15				1911 -17 CHURCH ST 1911 -17 CHURCH ST EVANSTON, IL 60201	FINDS	1016697100	N/A
< 1/8			1 ft.				

Relative: [Click here for full text details](#)
Higher

FINDS
Registry ID: 110056308801

B16				CLEANERS THE* 1813 W CHURCH EVANSTON, IL 60201	EDR Hist Cleaner	1019957800	N/A
< 1/8			1 ft.				

Relative: [Click here for full text details](#)
Higher

A17	East			KOSHGARIAN S ORIENTALS AND CARPETS 1911 CHURCH EVANSTON, IL	EDR Hist Cleaner	1009183768	N/A
< 1/8			0.003 mi. 16 ft.				

Relative: [Click here for full text details](#)
Higher

C18	East			UNKNOWN 1613 CHURCH STREET EVANSTON, IL 60201	IL UST	U004107045	N/A
< 1/8			0.004 mi. 20 ft.				

Relative: [Click here for full text details](#)
Higher

IL UST
Status EXEMPT
Facility Id 2043631
Tank Status Removed

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
C19 East < 1/8 0.004 mi. 20 ft.	CYRUS HOMES INC 1613 CHURCH STREET EVANSTON, IL 60201 Click here for full text details	IL SRP IL BOL	S113257688 N/A
Relative: Higher	IL SRP IL EPA Id 0310815294 IL BOL Site Id 170001707945 Inv Num 0310815294		
C20 East < 1/8 0.027 mi. 142 ft.	CSE 1611, LLC 1611 CHURCH STREET EVANSTON, IL 60201 Click here for full text details	IL LUST IL SPILLS	S128633191 N/A
Relative: Higher	IL LUST Incident Num 20220161 IL EPA Id 0310815397 IL SPILLS Incident ID 20220161		
C21 East < 1/8 0.027 mi. 142 ft.	WAREHOUSE 1611 CHURCH STREET EVANSTON, IL 60200 Click here for full text details	IL UST	U003769775 N/A
Relative: Higher	IL UST Status EXEMPT Facility Id 2040429 Tank Status Removed		
C22 East < 1/8 0.032 mi. 170 ft.	JOHN J CAHILL INC 1515 CHURCH ST EVANSTON, IL 60201 Click here for full text details	IL UST IL BOL	U001143595 N/A
Relative: Higher	IL UST Status CLOSED Facility Id 2014879 Tank Status Removed IL BOL Site Id 170000284074		

MAP FINDINGS

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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JOHN J CAHILL INC (Continued)

U001143595

Inv Num 0310815118

C23
East
< 1/8
0.032 mi.
170 ft.

JOHN J CAHILL INC
1515 CHURCH ST
EVANSTON, IL 60201

UST FINDER
UST FINDER RELEASE

1028311073
N/A

[Click here for full text details](#)

Relative:
Higher

C24
East
< 1/8
0.032 mi.
170 ft.

CAHILL JOHN J INC
1515 CHURCH ST
EVANSTON, IL 60201

RCRA NonGen / NLR
FINDS
ECHO

1000614020
ILD984843292

[Click here for full text details](#)

Relative:
Higher

RCRA NonGen / NLR
EPA Id ILD984843292

FINDS

Registry ID: 110005900383

ECHO

Registry ID 110005900383

C25
East
< 1/8
0.032 mi.
170 ft.

JOHN J. CAHILL INC.
1515 CHURCH ST.
EVANSTON, IL 60204

IL LUST

S100530992
N/A

[Click here for full text details](#)

Relative:
Higher

IL LUST
NFA/NFR Letter 1/15/1993
Incident Num 920776
IL EPA Id 0310815118

D26
ENE
< 1/8
0.054 mi.
286 ft.

VEOLIA
1712 CHURCH ST
EVANSTON, IL 60201

RCRA NonGen / NLR
FINDS
ECHO

1000265135
ILD042068429

[Click here for full text details](#)

Relative:
Higher

RCRA NonGen / NLR
EPA Id ILD042068429

FINDS

Registry ID: 110005827329

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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VEOLIA (Continued)

Registry ID: 110070683967

1000265135

ECHO

Registry ID 110005827329

D27
ENE
< 1/8
0.054 mi.
286 ft.

VEOLIA ENVIRONMENTAL SERVICES
1712 CHURCH ST
EVANSTON, IL 60201

IL LUST **S110157002**
IL SPILLS **N/A**
IL BOL
IL TIER 2

[Click here for full text details](#)

Relative:
Higher

IL LUST

Incident Num 20210983
IL EPA Id 0310815013

IL SPILLS

Incident ID 20210983

IL BOL

Site Id 170000221196
Inv Num 0310815013

D28
ENE
< 1/8
0.054 mi.
286 ft.

KEY DISPOSAL CO
1712 CHURCH ST
EVANSTON, IL 60201

RCRA NonGen / NLR **1000110875**
ILD051908473

[Click here for full text details](#)

Relative:
Higher

RCRA NonGen / NLR

EPA Id ILD051908473

D29
ENE
< 1/8
0.054 mi.
286 ft.

ADVANCED DISPOSAL EVANSTON TRANSFER
1712 CHURCH STREET
EVANSTON, IL 60201

UST FINDER **1028307386**
N/A

[Click here for full text details](#)

Relative:
Higher

D30
ENE
< 1/8
0.054 mi.
286 ft.

ADVANCED DISPOSAL EVANSTON TRANSFER
1712 CHURCH STREET
EVANSTON, IL 60201

IL UST **U001143564**
N/A

[Click here for full text details](#)

Relative:
Higher

IL UST

Status CLOSED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ADVANCED DISPOSAL EVANSTON TRANSFER (Continued)

U001143564

Facility Id 2002987
Tank Status Removed

31
West
< 1/8
0.067 mi.
355 ft.

CHURCH ST BRIDGE
CHURCH ST AND N SHORE CHANNEL
SKOKIE, IL 60077

RCRA NonGen / NLR

1000824478
ILD984908517

[Click here for full text details](#)

Relative:
Lower

RCRA NonGen / NLR
EPA Id ILD984908517

32
ESE
< 1/8
0.081 mi.
428 ft.

EVANSTON TOWNSHIP HS
1600 DODGE AVE
EVANSTON, IL 60201

RCRA-VSQQ
FINDS
ECHO
E MANIFEST

1004478708
ILD984840686

[Click here for full text details](#)

Relative:
Higher

RCRA-VSQQ
EPA Id ILD984840686

FINDS

Registry ID: 110005899304

ECHO

Registry ID 110005899304

D33
ENE
< 1/8
0.093 mi.
489 ft.

ONYX WASTE SERVICES, INC.
1710 LYONS STREET
EVANSTON, IL 60201

IL UST
IL BOL

U000175040
N/A

[Click here for full text details](#)

Relative:
Lower

IL UST
Status CLOSED
Facility Id 2024016
Tank Status Removed

IL BOL

Site Id 170001601103
Inv Num 0310815280

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
D34 ENE < 1/8 0.093 mi. 489 ft. Relative: Lower	ONYX WASTE SERVICES 1710 LYON ST. EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989113 N/A
D35 ENE < 1/8 0.093 mi. 489 ft. Relative: Lower	ACTIVE SERVICE CORP. 1710 LYONS ST. EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989112 N/A
D36 ENE < 1/8 0.093 mi. 489 ft. Relative: Lower	ACTIVE SERVICE CORP. 1710 LYONS ST. EVANSTON, IL 60201 Click here for full text details	IL LUST IL SPILLS	S106878946 N/A
	<p>IL LUST NFA/NFR Letter 12/2/1994 Incident Num 923691 Incident Num 20050658 IL EPA Id 0310810003 IL EPA Id 0310815280</p> <p>IL SPILLS Incident ID 20050658</p>		
D37 ENE < 1/8 0.093 mi. 489 ft. Relative: Lower	ONYX WASTE SERVICES, INC. 1710 LYONS STREET EVANSTON, IL 60201 Click here for full text details	UST FINDER	1028314508 N/A
38 East < 1/8 0.111 mi. 587 ft. Relative: Higher	NORTHWESTERN UNIVERSITY CWM SITE EVANSTON, IL Click here for full text details	FUDS	1024900182 N/A

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
39 WNW < 1/8 0.112 mi. 591 ft.	AT & T-TANK #1-173 2312 LYONS STREET EVANSTON, IL 60201 Click here for full text details	IL AST	A100393281 N/A
Relative: Lower	IL AST Occupancy Number CN-059-1401899340793		
40 ENE < 1/8 0.114 mi. 603 ft.	ONYX WASTE SERVICES 1710 LYON ST. EVANSTON, IL 60201 Click here for full text details	IL LUST	S106058415 N/A
Relative: Lower	IL LUST NFA/NFR Letter 9/8/2004 Incident Num 20031305 IL EPA Id 0310810003		
41 West < 1/8 0.119 mi. 629 ft.	AMOCO OIL CO. #8723 9410 MCCORMICK SKOKIE, IL 60077 Click here for full text details	IL LUST IL BOL	S104002811 N/A
Relative: Lower	IL LUST NFA/NFR Letter 11/29/2001 Incident Num 911924 IL EPA Id 0312885205 IL BOL Site Id 170000379524 Inv Num 0312885205		
E42 ENE 1/8-1/4 0.127 mi. 673 ft.	TAPECOAT CO. 1523 LYONS ST. EVANSTON, IL 60204 Click here for full text details	IL LUST	S103689078 N/A
Relative: Higher	IL LUST Incident Num 960814 IL EPA Id 0310815020		

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Elevation	Site	Database(s)	EPA ID Number

E43 ENE 1/8-1/4 0.130 mi. 687 ft. Relative: Higher	TAPECOAT CO INC 1520 LYONS ST EVANSTON, IL 60201 Click here for full text details IL ENG CONTROLS Illinois Epa Id 0310815256 IL INST CONTROL Illinois EPA Id 0310815256 IL SRP IL EPA Id 0310815256 IL AIRS Facility Id 1291 IL BOL Site Id 170000020215 Inv Num 0310815256	IL ENG CONTROLS IL INST CONTROL IL SRP IL AIRS IL BOL	1008134317 N/A
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E44 ENE 1/8-1/4 0.139 mi. 732 ft. Relative: Higher	THE TAPECOAT COMPAMY 1527 LYONS ST EVANSTON, IL 60204 Click here for full text details IL UST Status EXEMPT Facility Id 2035074 Tank Status Abandoned in place	IL UST	U003104677 N/A
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E45 ENE 1/8-1/4 0.139 mi. 732 ft. Relative: Higher	TAPECOAT COMPANY/ CHASE CORPORATION 1527 LYONS ST EVANSTON, IL 60204 Click here for full text details RCRA-VSQQ EPA Id ILD005252796 IL ENG CONTROLS Illinois Epa Id 0310815020 IL INST CONTROL	RCRA-VSQQ IL ENG CONTROLS IL INST CONTROL IL SRP US AIRS E MANIFEST IL BOL WI MANIFEST IL TIER 2	1000201012 ILD005252796
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAPECOAT COMPANY/ CHASE CORPORATION (Continued)

1000201012

Illinois EPA Id 0310815020

IL SRP

IL EPA Id 0310815020

US AIRS

EPA plant ID: 110000432112

IL BOL

Site Id 170000020215

Inv Num 0310815020

WI MANIFEST

ACT Status A

FID 0

EPA ID ILD005252796

E46
ENE
1/8-1/4
0.151 mi.
797 ft.

TAPECOAT CO INC
EVANSTON, IL

PFAS ECHO 1027425651
N/A

Relative:
Higher

[Click here for full text details](#)

F47
ENE
1/8-1/4
0.211 mi.
1113 ft.

POSITIVE CONNECTIONS
1528 EMERSON
EVANSTON, IL 60201

IL UST U001143609
N/A

Relative:
Higher

[Click here for full text details](#)

IL UST

Status CLOSED

Facility Id 2012970

Tank Status Removed

F48
ENE
1/8-1/4
0.211 mi.
1113 ft.

ROBINSON RENTALS, INC.
1528 EMERSON STREET
EVANSTON, IL 0

UST FINDER RELEASE 1028989126
N/A

Relative:
Higher

[Click here for full text details](#)

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
F49 ENE 1/8-1/4 0.211 mi. 1113 ft. Relative: Higher	POSITIVE CONNECTIONS 1528 EMERSON EVANSTON, IL 60201 Click here for full text details	UST FINDER	1028310400 N/A
F50 ENE 1/8-1/4 0.211 mi. 1113 ft. Relative: Higher	POSITIVE CONNECTIONS - EVANSTON 1528 EMERSON STREET EVANSTON, IL 60201 Click here for full text details IL LUST NFA/NFR Letter 11/16/2010 Incident Num 20090690 Incident Num 20090958 IL EPA Id 0310815042 IL SPILLS Incident ID 20090690 Incident ID 20090958 IL BOL Site Id 170000225165 Inv Num 0310815042	IL LUST IL SPILLS IL BOL IL TIER 2	S109699787 N/A
F51 ENE 1/8-1/4 0.211 mi. 1113 ft. Relative: Higher	ROBINSON BUS SERVICE INC 1528 EMERSON EVANSTON, IL 60201 Click here for full text details IL LUST Incident Num 20000092 IL EPA Id 0310815042 RCRA NonGen / NLR EPA Id ILD054330998 FINDS Registry ID: 110005832171 ECHO Registry ID 110005832171	IL LUST RCRA NonGen / NLR FINDS ECHO	1000258496 ILD054330998

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
G52 NE 1/8-1/4 0.234 mi. 1235 ft.	ROBINSON BUS SERVICE, INC. 1622 EMERSON EVANSTON, IL 60202 Click here for full text details	UST FINDER	1028310401 N/A
Relative: Lower			
G53 NE 1/8-1/4 0.234 mi. 1235 ft.	ROBINSON BUS SERVICE, INC. 1622 EMERSON EVANSTON, IL 60202 Click here for full text details	IL LUST IL UST	U000175103 N/A
Relative: Lower	IL LUST NFA/NFR Letter 1/12/2001 Incident Num 960718 IL EPA Id 0310813010 IL UST Status CLOSED Facility Id 2012971 Tank Status Removed		
G54 NE 1/8-1/4 0.234 mi. 1235 ft.	ROBINSON BUS SERVICE 1622 EMERSON ST. EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989117 N/A
Relative: Lower			
G55 NE 1/8-1/4 0.237 mi. 1250 ft.	EVANSTON VEHICLE MAINT FAC 1700 EMERSON ST EVANSTON, IL 60201 Click here for full text details	UST FINDER	1028312614 N/A
Relative: Lower			
G56 NE 1/8-1/4 0.237 mi. 1250 ft.	U.S. POSTAL SERVICE 1700 EMERSON ST. EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989129 N/A
Relative: Lower			

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

G57 **EVANSTON VEHICLE MAINT FAC**
NE **1700 EMERSON ST**
1/8-1/4 **EVANSTON, IL 60201**
0.237 mi.
1250 ft.

IL UST **U001143616**
 N/A

[Click here for full text details](#)

Relative:
Lower

IL UST
Status CLOSED
Facility Id 2019720
Tank Status Removed

G58 **UNITED STATES POSTAL SERV-EVANSTON**
NE **1700 EMERSON**
1/8-1/4 **EVANSTON, IL 60201**
0.237 mi.
1250 ft.

RCRA-VSQQ **1004478336**
IL LUST **ILD984804641**
IL SPILLS
FINDS
ECHO
E MANIFEST
IL AIRS

[Click here for full text details](#)

Relative:
Lower

RCRA-VSQQ
EPA Id ILD984804641

IL LUST
NFA/NFR Letter 2/14/1991
NFA/NFR Letter 1/22/2008
Incident Num 902933
Incident Num 891640
Incident Num 881480
IL EPA Id 0310815062

IL SPILLS
Incident ID NL881480
Incident ID NL891640

FINDS
Registry ID: 110001336830

ECHO
Registry ID 110001336830

IL AIRS
Facility Id 14831

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
G59 NE 1/8-1/4 0.237 mi. 1251 ft.	COMED TSS47 1712 EMERSON RD EVANSTON, IL 60201	RCRA NonGen / NLR	1025502501 ILR000201335
Relative: Lower	Click here for full text details		
	RCRA NonGen / NLR EPA Id ILR000201335		
G60 NE 1/8-1/4 0.246 mi. 1299 ft.	ROBINSON BUS CO. EMERSON & DEWEY ST. EVANSTON, IL 60201	IL LUST	S103292656 N/A
Relative: Lower	Click here for full text details		
	IL LUST NFA/NFR Letter 7/21/1995 Incident Num 930489 IL EPA Id 0310813010		
G61 NE 1/8-1/4 0.246 mi. 1299 ft.	ROBINSON BUS CO. EMERSON & DEWEY ST. EVANSTON, IL 0	UST FINDER RELEASE	1028989116 N/A
Relative: Lower	Click here for full text details		
62 WNW 1/4-1/2 0.274 mi. 1445 ft.	AMOCO OIL CO. #8723 9410 MCCORMICK SKOKIE, IL 0	UST FINDER RELEASE	1028991777 N/A
Relative: Lower	Click here for full text details		
63 NNE 1/4-1/2 0.318 mi. 1678 ft.	ST. ANDREWS EPISCOPAL CHURCH 1928 DARROW EVANSTON, IL 60201	IL LUST	S104792915 N/A
Relative: Lower	Click here for full text details		
	IL LUST Incident Num 20002119 IL EPA Id 0310815234		

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

64 WNW 1/4-1/2 0.321 mi. 1695 ft.	CAMCO INC. 3337 GOLF RD. SKOKIE, IL 60076	IL LUST IL BOL	S103293009 N/A
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[Click here for full text details](#)

Relative:
Higher

IL LUST
 Incident Num 942861
 IL EPA Id 0312885276

IL BOL
 Site Id 170000349077
 Inv Num 0312885276

H65 NE 1/4-1/2 0.328 mi. 1732 ft.	EMSQ, LLC 1600 FOSTER STREET EVANSTON, IL 60204	IL LUST IL SPILLS	S111888155 N/A
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[Click here for full text details](#)

Relative:
Lower

IL LUST
 Incident Num 20121320
 IL EPA Id 0310815028

IL SPILLS
 Incident ID 19931693
 Incident ID 20121320

H66 NE 1/4-1/2 0.328 mi. 1732 ft.	1600 FOSTER AVENUE 1600 FOSTER AVENUE EVANSTON, IL 60201	US BROWNFIELDS RCRA NonGen / NLR FINDS ECHO	1000243663 ILD005121207
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[Click here for full text details](#)

Relative:
Lower

RCRA NonGen / NLR
 EPA Id ILD005121207

FINDS
 Registry ID: 110005814146
 Registry ID: 110055085090

ECHO
 Registry ID 110005814146

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
H67 NE 1/4-1/2 0.328 mi. 1732 ft.	BISHOP FREEMAN 1600 FOSTER ST EVANSTON, IL 60204 Click here for full text details	IL ENG CONTROLS IL INST CONTROL IL SRP IL BROWNFIELDS IL BOL	S110847983 N/A
Relative: Lower	IL ENG CONTROLS Illinois Epa Id 0310815028 IL INST CONTROL Illinois EPA Id 0310815028 IL SRP IL EPA Id 0310815028 IL BROWNFIELDS IL EPA ID 0310815028 IL BOL Site Id 170000210705 Inv Num 0310815028		
I68 East 1/4-1/2 0.355 mi. 1876 ft.	AMOCO OIL CO. #5309 RIDGE & CLARK EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989141 N/A
Relative: Higher			
I69 East 1/4-1/2 0.355 mi. 1876 ft.	AMOCO OIL CO. #5309 RIDGE & CLARK EVANSTON, IL 60201 Click here for full text details	IL LUST	S103689036 N/A
Relative: Higher	IL LUST NFA/NFR Letter 7/30/2013 Incident Num 900401 IL EPA Id 0310815084		
J70 SSE 1/4-1/2 0.360 mi. 1899 ft.	CONTINENTAL CONSTRUCTION CO., INC. 1919 GREENWOOD EVANSTON, IL 60201 Click here for full text details	UST FINDER UST FINDER RELEASE	1028312750 N/A
Relative: Lower			

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
K75 NE 1/4-1/2 0.377 mi. 1993 ft.	FLEETWOOD JOURDAIN COM CTR 1655 FOSTER ST EVANSTON, IL 60201 Click here for full text details	IL LUST IL UST IL BOL	U000792639 N/A
Relative: Lower	IL LUST NFA/NFR Letter 1/15/2009 Incident Num 910482 IL EPA Id 0310815096 IL UST Status CLOSED Facility Id 2026360 Tank Status Removed IL BOL Site Id 170000451268 Inv Num 0310815096		
K76 NE 1/4-1/2 0.377 mi. 1993 ft.	EVANSTON, CITY OF 1655 FOSTER EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989148 N/A
Relative: Lower			
77 SE 1/4-1/2 0.382 mi. 2019 ft.	ACTIVE SERVICE CORPORATION EVANSTON, IL 60201 Click here for full text details	IL SWF/LF IL NIPC	S108110602 N/A
Relative: Lower	IL SWF/LF IEPA ID Number 310810003 Operational Status OPERATIONAL		
L78 SSE 1/4-1/2 0.386 mi. 2037 ft.	DICKSON WEATHERPROOF NAIL CO. 1900 GREENWOOD ST. EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989122 N/A
Relative: Lower			

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
L79 SSE 1/4-1/2 0.386 mi. 2037 ft.	DICKSON WEATHERPROOF NAIL CO. 1900 GREENWOOD EVANSTON, IL 60201 Click here for full text details	IL LUST FINDS ECHO IL AIRS IL BOL	1005635734 N/A
Relative: Lower	<p>IL LUST NFA/NFR Letter 6/6/2000 Incident Num 952405 IL EPA Id 0310815017</p> <p>FINDS Registry ID: 110001344313</p> <p>ECHO Registry ID 110001344313</p> <p>IL AIRS Facility Id 14903</p> <p>IL BOL Site Id 170000020607 Inv Num 0310815017</p>		
80 NW 1/4-1/2 0.387 mi. 2041 ft.	NEWTOWN CLEANERS 3347 GOLF ROAD SKOKIE, IL 60203 Click here for full text details	IL ENG CONTROLS IL INST CONTROL IL SRP	S106541260 N/A
Relative: Higher	<p>IL ENG CONTROLS Illinois Epa Id 0312880036</p> <p>IL INST CONTROL Illinois EPA Id 0312880036</p> <p>IL SRP IL EPA Id 0312880036</p>		
M81 South 1/4-1/2 0.395 mi. 2088 ft.	GROSMAN, ROBERT 2100 GREENWOOD AVE EVANSTON, IL 60201 Click here for full text details	IL LUST IL INST CONTROL IL SRP IL BOL	S105620807 N/A
Relative: Lower	<p>IL LUST NFA/NFR Letter 9/23/2003 Incident Num 20021443 IL EPA Id 0310815171</p>		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GROSMAN, ROBERT (Continued)

S105620807

IL INST CONTROL

Illinois EPA Id 0310815171

IL SRP

IL EPA Id 0310815171

IL BOL

Site Id 170000314041

Inv Num 0310815171

M82
South
1/4-1/2
0.395 mi.
2088 ft.

GROSMAN, ROBERT
2100 GREENWOOD AVE.
EVANSTON, IL 0

UST FINDER RELEASE

1028989186
N/A

[Click here for full text details](#)

Relative:
Lower

M83
SSW
1/4-1/2
0.395 mi.
2088 ft.

PELOUZE SCALE CO
2120 GREENWOOD AVE
EVANSTON, IL 60201

IL LUST
IL SPILLS
FINDS
ECHO
IL AIRS

1004471325
N/A

[Click here for full text details](#)

Relative:
Lower

IL LUST

NFA/NFR Letter 7/28/1994

NFA/NFR Letter 10/3/1994

Incident Num 891056

Incident Num 900960

IL EPA Id 0310815011

IL SPILLS

Incident ID NL891056

FINDS

Registry ID: 110001677739

ECHO

Registry ID 110001677739

IL AIRS

Facility Id 1306

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

M84
SSW
 1/4-1/2
 0.395 mi.
 2088 ft.

PELOUZE SCALE CO.
2120 GREENWOOD AVE.
EVANSTON, IL 0

UST FINDER RELEASE

1028989119
N/A

[Click here for full text details](#)

Relative:
 Lower

M85
SSW
 1/4-1/2
 0.395 mi.
 2088 ft.

PELOUZE SCALE
2120 GREENWOOD AVE.
EVANSTON, IL 0

UST FINDER RELEASE

1028989120
N/A

[Click here for full text details](#)

Relative:
 Lower

N86
ENE
 1/4-1/2
 0.398 mi.
 2104 ft.

1815 RIDGE AVENUE, LLC
1815-1823 RIDGE AVENUE
EVANSTON, IL 60201

IL LUST

S126327000
N/A

[Click here for full text details](#)

Relative:
 Higher

IL LUST
 Incident Num 20200433
 IL EPA Id 0310815178

N87
ENE
 1/4-1/2
 0.398 mi.
 2104 ft.

1815 RIDGE AVENUE, LLC
1815-1823 RIDGE AVENUE
EVANSTON, IL 60201

IL LUST

S126327015
N/A

[Click here for full text details](#)

Relative:
 Higher

IL LUST
 Incident Num 20200535
 IL EPA Id 0310815178

N88
ENE
 1/4-1/2
 0.398 mi.
 2104 ft.

NATIONAL SCHOOL TOWEL SERVICE
1815 RIDGE AVENUE
EVANSTON, IL 60201

IL ENG CONTROLS
IL INST CONTROL
IL SRP
IL SPILLS
IL ASBESTOS
IL BOL

S113257635
N/A

[Click here for full text details](#)

Relative:
 Higher

IL ENG CONTROLS
 Illinois Epa Id 0310815178

IL INST CONTROL
 Illinois EPA Id 0310815178

IL SRP

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

NATIONAL SCHOOL TOWEL SERVICE (Continued)

S113257635

IL EPA Id 0310815178

IL BOL

Site Id 170000451687
 Inv Num 0310815178

O89
 ENE
 1/4-1/2
 0.426 mi.
 2249 ft.

FIRE KING CAR WASH
1950 N GREEN BAY RD
EVANSTON, IL 60201

IL LUST S113257603
IL BOL N/A

[Click here for full text details](#)

Relative:
 Higher

IL LUST

Incident Num 20191036
 IL EPA Id 0310815092

IL BOL

Site Id 170000451240
 Inv Num 0310815092

O90
 ENE
 1/4-1/2
 0.426 mi.
 2249 ft.

FIRE KING CAR WASH
1950 NORTH GREEN BAY RD.
EVANSTON, IL 0

UST FINDER RELEASE 1028989146
 N/A

[Click here for full text details](#)

Relative:
 Higher

O91
 ENE
 1/4-1/2
 0.426 mi.
 2249 ft.

GREEN BAY FUEL MART
1950 GREEN BAY ROAD
EVANSTON, IL 60201

IL LUST U001143588
IL UST N/A
IL SPILLS

[Click here for full text details](#)

Relative:
 Higher

IL LUST

NFA/NFR Letter 5/19/1992
 Incident Num 891562
 IL EPA Id 0310815092

IL UST

Status ACTIVE
 Facility Id 2021506
 Tank Status Removed
 Tank Status Currently in use

IL SPILLS

Incident ID 20191036
 Incident ID NL891562

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

O92 EVANSTON, CITY OF UST FINDER RELEASE 1028989128
 ENE 2020 ASBURY N/A
 1/4-1/2 EVANSTON, IL 0
 0.427 mi.
 2254 ft.
[Click here for full text details](#)
 Relative:
 Higher

O93 EVANSTON, CITY OF IL LUST S103689053
 ENE 2020 ASBURY IL BOL N/A
 1/4-1/2 EVANSTON, IL 60201
 0.427 mi.
 2254 ft.
[Click here for full text details](#)
 Relative:
 Higher
 IL LUST
 NFA/NFR Letter 9/21/2001
 Incident Num 20240420
 Incident Num 991522
 Incident Num 971960
 IL EPA Id 0310815056

IL BOL
 Site Id 170000020386
 Inv Num 0310815056

O94 EVANSTON, CITY OF UST FINDER RELEASE 1028989127
 ENE 2020 ASBURY AVE. N/A
 1/4-1/2 EVANSTON, IL 0
 0.427 mi.
 2254 ft.
[Click here for full text details](#)
 Relative:
 Higher

P95 FRIEDMAN, ALLEN ESTATE OF IL LUST S112205218
 East 1615 OAK AVENUE IL SPILLS N/A
 1/4-1/2 EVANSTON, IL 60201
 0.432 mi.
 2282 ft.
[Click here for full text details](#)
 Relative:
 Higher
 IL LUST
 NFA/NFR Letter 12/24/2012
 Incident Num 20120970
 IL EPA Id 0310815347

IL SPILLS
 Incident ID 20120970

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

P96 East 1/4-1/2 0.432 mi. 2282 ft. Relative: Higher	FRIEDMAN, ALLEN ESTATE OF 1615 OAK AVENUE EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989232 N/A
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97 East 1/4-1/2 0.438 mi. 2314 ft. Relative: Higher	LASSEN, ADELLA 1575 OAK AVE. EVANSTON, IL 60201 Click here for full text details	IL LUST IL BOL	S100567207 N/A
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IL LUST
 Incident Num 931847
 IL EPA Id 0310815149

IL BOL
 Site Id 170000306014
 Inv Num 0310815149

O98 ENE 1/4-1/2 0.439 mi. 2317 ft. Relative: Higher	WERTYMER, FRED 1911 GREEN BAY RD. EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989188 N/A
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O99 ENE 1/4-1/2 0.439 mi. 2317 ft. Relative: Higher	PEP BOYS 1458 1911 GREEN BAY ROAD EVANSTON, IL 60201 Click here for full text details	IL LUST IL ENG CONTROLS IL INST CONTROL IL SRP IL BOL	S101823673 N/A
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IL LUST
 NFA/NFR Letter 7/29/1996
 Incident Num 952381
 IL EPA Id 0310815179

IL ENG CONTROLS
 Illinois Epa Id 0310815179

IL INST CONTROL
 Illinois EPA Id 0310815179

IL SRP
 IL EPA Id 0310815179

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

PEP BOYS 1458 (Continued)

S101823673

IL BOL

Site Id 170000451696
 Inv Num 0310815179

O100
 ENE
 1/4-1/2
 0.439 mi.
 2318 ft.

HASAPIES, DEAN
 1925 GREEN BAY RD.
 EVANSTON, IL 0

UST FINDER RELEASE

1028989145
 N/A

[Click here for full text details](#)

Relative:
 Higher

O101
 ENE
 1/4-1/2
 0.439 mi.
 2318 ft.

EMERSON PIT STOP
 1925 GREEN BAY RD.
 EVANSTON, IL 0

UST FINDER RELEASE

1028989144
 N/A

[Click here for full text details](#)

Relative:
 Higher

O102
 ENE
 1/4-1/2
 0.439 mi.
 2318 ft.

EVANSTON CITGO
 1925 GREEN BAY ROAD
 EVANSTON, IL 60201

IL LUST
 IL UST

U000175070
 N/A

[Click here for full text details](#)

Relative:
 Higher

IL LUST

NFA/NFR Letter 10/18/2001
 NFA/NFR Letter 4/5/2005
 Incident Num 920479
 Incident Num 982914
 IL EPA Id 0310815091

IL UST

Status ACTIVE
 Facility Id 2008554
 Tank Status Currently in use
 Tank Status Abandoned in place

P103
 East
 1/4-1/2
 0.439 mi.
 2319 ft.

RADAIOS TRUST #105032-0-1
 1033 DAVIS ST.
 EVANSTON, IL 60201

IL LUST
 IL BOL

S104528399
 N/A

[Click here for full text details](#)

Relative:
 Higher

IL LUST

Incident Num 972433

MAP FINDINGS

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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RADAIOS TRUST #105032-0-1 (Continued)

S104528399

IL EPA Id 0310815201

IL BOL

Site Id 170000451810
Inv Num 0310815201

Q104
SSE
1/4-1/2
0.456 mi.
2408 ft.

UCHTMAN, CHARLES
1335 DODGE AVE
EVANSTON, IL 60201

IL LUST **S106058429**
IL BOL **N/A**

[Click here for full text details](#)

Relative:
Lower

IL LUST

NFA/NFR Letter 1/15/2004
Incident Num 20031360
IL EPA Id 0310815261

IL BOL

Site Id 170001423617
Inv Num 0310815261

Q105
SSE
1/4-1/2
0.456 mi.
2408 ft.

UCHTMAN, CHARLES
1335 DODGE AVE.
EVANSTON, IL 0

UST FINDER RELEASE **1028989212**
N/A

[Click here for full text details](#)

Relative:
Lower

R106
SSW
1/4-1/2
0.460 mi.
2429 ft.

ST. FRANCIS HOSPITAL
1310 HARTREY
EVANSTON, IL 60201

IL LUST **S103689076**
N/A

[Click here for full text details](#)

Relative:
Lower

IL LUST

NFA/NFR Letter 7/22/2003
Incident Num 923698
IL EPA Id 0310815143

R107
SSW
1/4-1/2
0.460 mi.
2429 ft.

ST. FRANCIS HOSPITAL
1310 HARTREY
EVANSTON, IL 0

UST FINDER RELEASE **1028989179**
N/A

[Click here for full text details](#)

Relative:
Lower

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
S108 North 1/4-1/2 0.468 mi. 2471 ft.	OVER THE RAINBOW ASSOC. 2026 BROWN ST. EVANSTON, IL 60201 Click here for full text details	IL LUST IL BOL	S104524849 N/A
Relative: Lower	IL LUST NFA/NFR Letter 9/9/1992 Incident Num 921617 IL EPA Id 0310815132 IL BOL Site Id 170000451473 Inv Num 0310815132		
S109 North 1/4-1/2 0.468 mi. 2471 ft.	RAINBOW UNIT 2 2030 BROWN ST. EVANSTON, IL 60201 Click here for full text details	IL LUST IL BOL	S104525069 N/A
Relative: Lower	IL LUST NFA/NFR Letter 10/27/1992 Incident Num 920863 IL EPA Id 0310815126 IL BOL Site Id 170000451437 Inv Num 0310815126		
S110 North 1/4-1/2 0.468 mi. 2471 ft.	RAINBOW UNIT 2 2030 BROWN ST. EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989166 N/A
Relative: Lower			
S111 North 1/4-1/2 0.468 mi. 2471 ft.	OVER THE RAINBOW ASSOC. 2026 BROWN ST. EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989169 N/A
Relative: Lower			

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
Q112 SSE 1/4-1/2 0.475 mi. 2506 ft.	BARRY LAND PARCEL, LLC 1901 WEST DEMPSTER STREET EVANSTON, IL 60201 Click here for full text details	IL ENG CONTROLS IL INST CONTROL IL SRP	S117322768 N/A
Relative: Lower	IL ENG CONTROLS Illinois Epa Id 0310815361 IL INST CONTROL Illinois EPA Id 0310815361 IL SRP IL EPA Id 0310815361		
T113 South 1/4-1/2 0.480 mi. 2532 ft.	PRL INDUSTRIES LLC 2025 DEMPSTER STREET EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989224 N/A
Relative: Lower			
T114 South 1/4-1/2 0.480 mi. 2532 ft.	PRL INDUSTRIES LLC 2025 DEMPSTER STREET EVANSTON, IL 60201 Click here for full text details	IL LUST IL AIRS	S107745121 N/A
Relative: Lower	IL LUST NFA/NFR Letter 5/4/2009 Incident Num 20081763 IL EPA Id 0310815311 IL AIRS Facility Id 1294		
U115 SSW 1/4-1/2 0.488 mi. 2576 ft.	CLARK REFINING & MARKETING 2401 DEMPSTER AVE. EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989156 N/A
Relative: Lower			

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
U116 SSW 1/4-1/2 0.488 mi. 2576 ft.	BELL FUELS 2401 WEST DEMPSTER EVANSTON, IL 60201 Click here for full text details	IL LUST	U000792626 N/A
Relative: Lower	IL LUST NFA/NFR Letter 1/29/2021 NFA/NFR Letter 10/7/2005 Incident Num 20061405 Incident Num 900454 Incident Num 910501 IL EPA Id 0310815104		
U117 SSW 1/4-1/2 0.488 mi. 2576 ft.	BELL FUELS 2401 WEST DEMPSTER EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989155 N/A
Relative: Lower			
U118 SSW 1/4-1/2 0.488 mi. 2576 ft.	CLARK REFINING & MARKETING 2401 DEMPSTER AVE. EVANSTON, IL 60201 Click here for full text details	IL LUST IL AIRS IL BOL	S107740898 N/A
Relative: Lower	IL LUST NFA/NFR Letter 10/7/2005 Incident Num 990144 IL EPA Id 0310815104 IL AIRS Facility Id 17520 IL BOL Site Id 170000020625 Inv Num 0310815104		
U119 SSW 1/4-1/2 0.488 mi. 2576 ft.	CYRAJ OIL CORPORATION 2401 WEST DEMPSTER AVENUE EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989157 N/A
Relative: Lower			

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
R120 SSW 1/4-1/2 0.488 mi. 2577 ft.	AQUA JET SELF-SERVICE CAR WASH 2201 DEMPSTER STREET EVANSTON, IL 60201 Click here for full text details	IL ENG CONTROLS IL INST CONTROL IL SRP IL BOL	S111419130 N/A
Relative: Lower	IL ENG CONTROLS Illinois Epa Id 0310815338 IL INST CONTROL Illinois EPA Id 0310815338 IL SRP IL EPA Id 0310815338 IL BOL Site Id 170001908345 Inv Num 0310815338		
V121 ENE 1/4-1/2 0.494 mi. 2609 ft.	EVANSTON, CITY OF 1102 EMERSON ST. EVANSTON, IL 60204 Click here for full text details	IL LUST	S103689050 N/A
Relative: Higher	IL LUST NFA/NFR Letter 2/9/2004 Incident Num 901599 IL EPA Id 0310815078		
V122 ENE 1/4-1/2 0.494 mi. 2609 ft.	EVANSTON, CITY OF 1102 EMERSON ST. EVANSTON, IL 0 Click here for full text details	UST FINDER RELEASE	1028989137 N/A
Relative: Higher			
W123 SSW 1/4-1/2 0.495 mi. 2615 ft.	EVANSTON CAR WASH 2416 DEMPSTER EVANSTON, IL 60202 Click here for full text details	UST FINDER UST FINDER RELEASE	1028307952 N/A
Relative: Lower			

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
W124 SSW 1/4-1/2 0.495 mi. 2615 ft. Relative: Lower	EVANSTON CAR WASH 2416 DEMPSTER EVANSTON, IL 60202 Click here for full text details IL LUST NFA/NFR Letter 11/19/1991 Incident Num 911383 IL EPA Id 0310815109 IL UST Status CLOSED Facility Id 2005986 Tank Status Removed IL BOL Site Id 170000451348 Inv Num 0310815109	IL LUST IL UST IL BOL	U001143580 N/A
125 South 1/4-1/2 0.496 mi. 2617 ft. Relative: Lower	EVANSTON PLAZA SHOPPING CENTER 1954 DEMPSTER STREET EVANSTON, IL 60202 Click here for full text details IL ENG CONTROLS Illinois Epa Id 0310810009 IL INST CONTROL Illinois EPA Id 0310810009 IL SRP IL EPA Id 0310810009 IL BOL Site Id 170000250644 Inv Num 0310810009	IL ENG CONTROLS IL INST CONTROL IL SRP IL BOL	S104491256 N/A
126 SW 1/4-1/2 0.498 mi. 2629 ft. Relative: Lower	EVANSTON BANK TRUST CO. #7619 3300 WEST DEMPSTER SKOKIE, IL 60076 Click here for full text details IL LUST Incident Num 950162 IL EPA Id 0312885283	IL LUST	S104522728 N/A

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
127 East 1/2-1 0.593 mi. 3129 ft.	NORTHWESTERN GAS, LIGHT AND COKE 912 CLARK STREET EVANSTON, IL 60201 Click here for full text details	EDR MGP	1008407373 N/A
128 ENE 1/2-1 0.621 mi. 3278 ft.	NORTH WESTERN GAS WORKS 918 UNIVERSITY PLACE EVANSTON, IL 60201 Click here for full text details	EDR MGP	1008407372 N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
IL	AIRS	Air Inventory Listing	Illinois EPA	07/01/2024	07/02/2024	09/25/2024
IL	ASBESTOS	Asbestos Notification Tracker Information	Illinois EPA	06/21/2024	06/26/2024	09/16/2024
IL	AST	Above Ground Storage Tanks	State Fire Marshal	08/08/2024	08/13/2024	10/29/2024
IL	BOL	Bureau of Land Inventory Database	Illinois Environmental Protection Agency	10/16/2023	04/23/2024	07/16/2024
IL	BROWNFIELDS	Redevelopment Assessment Database	Illinois Environmental Protection Agency	07/15/2024	07/16/2024	09/27/2024
IL	BROWNFIELDS	Municipal Brownfields Redevelopment Grant Program Project De	Illinois Environmental Protection Agency	02/11/2010	07/31/2014	09/08/2014
IL	CCDD	Clean Construction or Demolition Debris	Illinois EPA	03/28/2024	07/02/2024	09/24/2024
IL	CDL	Meth Drug Lab Site Listing	Department of Public Health	07/05/2024	07/08/2024	09/27/2024
IL	COAL ASH	Coal Ash Site Listing	Illinois EPA	10/01/2011	03/09/2012	04/10/2012
IL	DRYCLEANERS	Illinois Licensed Drycleaners	Drycleaner Environmental Response Trust Fund	07/02/2024	08/12/2024	10/29/2024
IL	ENG CONTROLS	Sites with Engineering Controls	Illinois Environmental Protection Agency	06/24/2024	06/25/2024	09/13/2024
IL	FIN ASSURANCE	Financial Assurance Information Listing	Illinois Environmental Protection Agency	08/28/2024	09/12/2024	11/25/2024
IL	HWAR	Hazard Waste Annual Report	Illinois EPA	12/31/2019	05/11/2021	08/02/2021
IL	IEMA SPILLS	Illinois Emergency Management Agency Spills	Illinois Emergency Management Agency	07/22/2024	07/23/2024	10/11/2024
IL	IL NIPC	Solid Waste Landfill Inventory	Northeastern Illinois Planning Commission	08/01/1988	04/07/2022	07/01/2022
IL	IMPDMENT	Surface Impoundment Inventory	Illinois Waste Management & Research Center	12/31/1980	03/08/2002	06/03/2002
IL	Inst Control	Institutional Controls	Illinois Environmental Protection Agency	06/24/2024	06/25/2024	09/13/2024
IL	LF SPECIAL WASTE	Special Waste Site List	Illinois EPA	01/01/1990	06/17/2009	07/15/2009
IL	LF WMRC	Waste Management & Research Center Landfill Database	Department of Natural Resources	12/31/2001	10/06/2006	11/06/2006
IL	LUST	Leaking Underground Storage Tank Sites	Illinois Environmental Protection Agency	07/15/2024	07/16/2024	09/27/2024
IL	LUST TRUST	Underground Storage Tank Fund Payment Priority List	Illinois EPA	06/06/2016	07/27/2016	10/18/2016
IL	NPDES	A Listing of Active Permits	Illinois EPA	04/16/2014	04/18/2014	05/20/2014
IL	PFAS	PFAS Sampling Listing	Illinois Environmental Protection Agency	12/15/2023	12/27/2023	12/29/2023
IL	PIMW	Potentially Infectious Medical Waste	Illinois EPA	09/09/2024	09/11/2024	11/19/2024
IL	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Natural Resources		07/01/2013	12/30/2013
IL	RGA LF	Recovered Government Archive Solid Waste Facilities List	Illinois Environmental Protection Agency		07/01/2013	01/10/2014
IL	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Illinois Environmental Protection Agency		07/01/2013	12/30/2013
IL	SPILLS	State spills	Illinois EPA	05/06/2024	07/02/2024	09/24/2024
IL	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	07/18/2012	01/03/2013	03/15/2013
IL	SRP	Site Remediation Program Database	Illinois Environmental Protection Agency	06/24/2024	06/25/2024	09/13/2024
IL	SSU	State Sites Unit Listing	Illinois Environmental Protection Agency	01/31/2024	01/31/2024	02/13/2024
IL	SWF/LF	Available Disposal for Solid Waste in Illinois - Solid Waste	Illinois Environmental Protection Agency	12/31/2022	10/17/2023	01/08/2024
IL	TIER 2	Tier 2 Information Listing	Illinois Emergency Management Agency	12/31/2023	05/07/2024	08/01/2024
IL	UIC	Underground Injection Wells	Illinois EPA	02/15/2024	05/22/2024	08/19/2024
IL	UST	Underground Storage Tank Facility List	Illinois State Fire Marshal	07/15/2024	07/16/2024	09/27/2024
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/10/2024	09/11/2024	11/19/2024
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	BIOSOLIDS	ICIS-NPDES Biosolids Facility Data	Environmental Protection Agency	10/13/2024	10/16/2024	10/23/2024
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2021	03/09/2023	03/20/2023
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2022	11/27/2023	02/22/2024
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2024	07/08/2024	09/26/2024
US	CORRACTS	Corrective Action Report	EPA	06/03/2024	06/07/2024	06/20/2024
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	Delisted NPL	National Priority List Deletions	EPA	09/25/2024	10/01/2024	10/23/2024
US	E MANIFEST	Hazardous Waste Electronic Manifest System	Environmental Protection Agency	07/24/2023	04/18/2024	06/06/2024
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	06/23/2024	06/28/2024	07/12/2024
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA Watch List	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/11/2024	06/17/2024	09/04/2024
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	06/07/2024	06/25/2024	09/19/2024
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	03/15/2024	03/19/2024	06/17/2024
US	FINDS	Facility Index System/Facility Registry System	EPA	08/13/2024	08/20/2024	08/28/2024
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	07/31/2024	08/12/2024	10/09/2024
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/13/2024	08/13/2024	10/09/2024
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	03/03/2023	03/03/2023	06/09/2023
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	06/14/2024	06/17/2024	06/24/2024
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Services, Indian	02/07/2024	11/13/2024	11/19/2024
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/11/2024	05/30/2024	08/28/2024
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	05/07/2024	05/30/2024	08/28/2024
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/11/2024	05/30/2024	08/28/2024
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	05/14/2024	05/30/2024	08/28/2024
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	09/25/2024	10/01/2024	10/23/2024
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	09/25/2024	10/01/2024	10/23/2024
US	LUCIS	Land Use Control Information System	Department of the Navy	07/15/2024	07/17/2024	10/09/2024

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	MINES MRDS	Mineral Resources Data System	USGS	08/23/2022	11/22/2022	02/28/2023
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	10/01/2024	10/02/2024	10/09/2024
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	10/12/2024	10/17/2024	11/19/2024
US	NPL	National Priority List	EPA	09/25/2024	10/01/2024	10/23/2024
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	05/23/2024	07/02/2024	09/26/2024
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PCS	Permit Compliance System	EPA, Office of Water	12/16/2016	01/06/2017	03/10/2017
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	06/24/2020	03/17/2021	11/08/2022
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT	Social Science Environmental Health Research	05/19/2023	04/05/2024	06/06/2024
US	PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PRP	Potentially Responsible Parties	EPA	09/19/2023	10/03/2023	10/19/2023
US	Proposed NPL	Proposed National Priority List Sites	EPA	09/25/2024	10/01/2024	10/23/2024
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RMP	Risk Management Plans	Environmental Protection Agency	07/12/2024	07/17/2024	10/09/2024
US	ROD	Records Of Decision	EPA	10/24/2024	11/01/2024	11/19/2024
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	SEMS	Superfund Enterprise Management System	EPA	09/25/2024	10/01/2024	10/23/2024
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	09/25/2024	10/01/2024	10/23/2024
US	SSTS	Section 7 Tracking Systems	EPA	07/11/2024	07/11/2024	07/12/2024
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2022	11/13/2023	02/07/2024
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	05/08/2024	08/14/2024	08/28/2024
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/10/2024	06/11/2024	09/04/2024
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/20/2024	08/19/2024	10/09/2024
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	07/24/2024	08/08/2024	08/15/2024
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	06/10/2024	06/17/2024	09/04/2024
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/20/2024	08/19/2024	10/09/2024

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	07/24/2024	08/08/2024	08/15/2024
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/06/2024	08/14/2024	08/15/2024
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/02/2024	08/20/2024	10/09/2024
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UST FINDER	UST Finder Database	Environmental Protection Agency	06/08/2023	10/04/2023	01/18/2024
US	UST FINDER RELEASE	UST Finder Releases Database	Environmental Protection Agency	06/08/2023	10/31/2023	01/18/2024
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/06/2023	09/13/2023	12/11/2023
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protection	08/05/2024	08/06/2024	10/25/2024
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	12/31/2019	11/30/2023	12/01/2023
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2020	11/30/2021	02/18/2022
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
IL	Daycare Centers	Sensitive Receptor: Homes & Centers Listing	Department of Children & Family Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
IL	State Wetlands	Wetland Inventory	Illinois State Geological Survey			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

9826-D CHURCH FROM MCDANIEL TO FLORENCE
CHURCH AND MCDANIEL
EVANSTON, IL 60201

TARGET PROPERTY COORDINATES

Latitude (North):	42.048331 - 42° 2' 53.99"
Longitude (West):	87.701711 - 87° 42' 6.16"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	441928.2
UTM Y (Meters):	4655167.0
Elevation:	600 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	24185589 EVANSTON, IL
Version Date:	2021

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
17031C0265J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
17031C0255J	FEMA FIRM Flood data
17031C0270J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
EVANSTON	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
14	1/4 - 1/2 Mile South	NW
F29	1/4 - 1/2 Mile WNW	Not Reported
36	1/2 - 1 Mile SSE	SE
63	1/2 - 1 Mile ENE	Not Reported
68	1/2 - 1 Mile SW	Not Reported
1G	1/2 - 1 Mile ENE	Not Reported
2G	1/4 - 1/2 Mile WNW	Not Reported

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
3G	1/4 - 1/2 Mile South	NW
4G	1/2 - 1 Mile SSE	SE
5G	1/2 - 1 Mile SW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Silurian
Series: Middle Silurian (Niagoaran)
Code: S2 (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
fine sandy loam
loam
fine sand

Surficial Soil Types: silt loam
fine sandy loam
loam
fine sand

Shallow Soil Types: sandy loam

Deeper Soil Types: silt loam
sand
loamy sand
loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
_____	_____	_____

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
73	IL0001115	1/2 - 1 Mile SE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	ILSG40000059502	0 - 1/8 Mile ESE
A2	ILSG40000059507	0 - 1/8 Mile SSE
A3	ILSG40000059503	0 - 1/8 Mile SSE
A4	ILSG40000059506	1/8 - 1/4 Mile South
A5	ILSG40000059504	1/8 - 1/4 Mile SSE
6	ILSG40000059505	1/8 - 1/4 Mile SSE
B7	ILSG40000059333	1/8 - 1/4 Mile East
B8	ILSG40000059334	1/8 - 1/4 Mile East
B9	ILSG40000059332	1/8 - 1/4 Mile East
C10	ILSG40000059508	1/4 - 1/2 Mile SSE
C11	ILSG40000059509	1/4 - 1/2 Mile SSE
12	ILSG40000040074	1/4 - 1/2 Mile SSE
D13	ILSG40000049558	1/4 - 1/2 Mile WNW
D15	ILSG40000040929	1/4 - 1/2 Mile WNW
D16	ILSG40000042128	1/4 - 1/2 Mile NW
17	ILSG40000055178	1/4 - 1/2 Mile West
18	ILSG40000055179	1/4 - 1/2 Mile West
E19	ILSG40000054365	1/4 - 1/2 Mile North
E20	ILSG40000054362	1/4 - 1/2 Mile North
D21	ILSG40000042129	1/4 - 1/2 Mile WNW
D22	ILSG40000061432	1/4 - 1/2 Mile WNW
F23	ILSG40000055180	1/4 - 1/2 Mile WNW
E24	ILSG40000054363	1/4 - 1/2 Mile North
25	ILSG40000055177	1/4 - 1/2 Mile WSW
26	ILSG40000055181	1/4 - 1/2 Mile WNW
27	ILSG40000055182	1/4 - 1/2 Mile NW
28	ILSG40000039733	1/4 - 1/2 Mile NW
E30	ILSG40000054361	1/4 - 1/2 Mile North
E31	ILSG40000054364	1/4 - 1/2 Mile North
32	ILSG40000055183	1/4 - 1/2 Mile NNW
33	ILSG40000055176	1/4 - 1/2 Mile WSW
G34	ILSG40000042127	1/4 - 1/2 Mile SW
35	ILSG40000055184	1/2 - 1 Mile NNW
37	ILPW8734	1/2 - 1 Mile WNW
G38	ILSG40000055175	1/2 - 1 Mile SW
39	ILSG40000055185	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

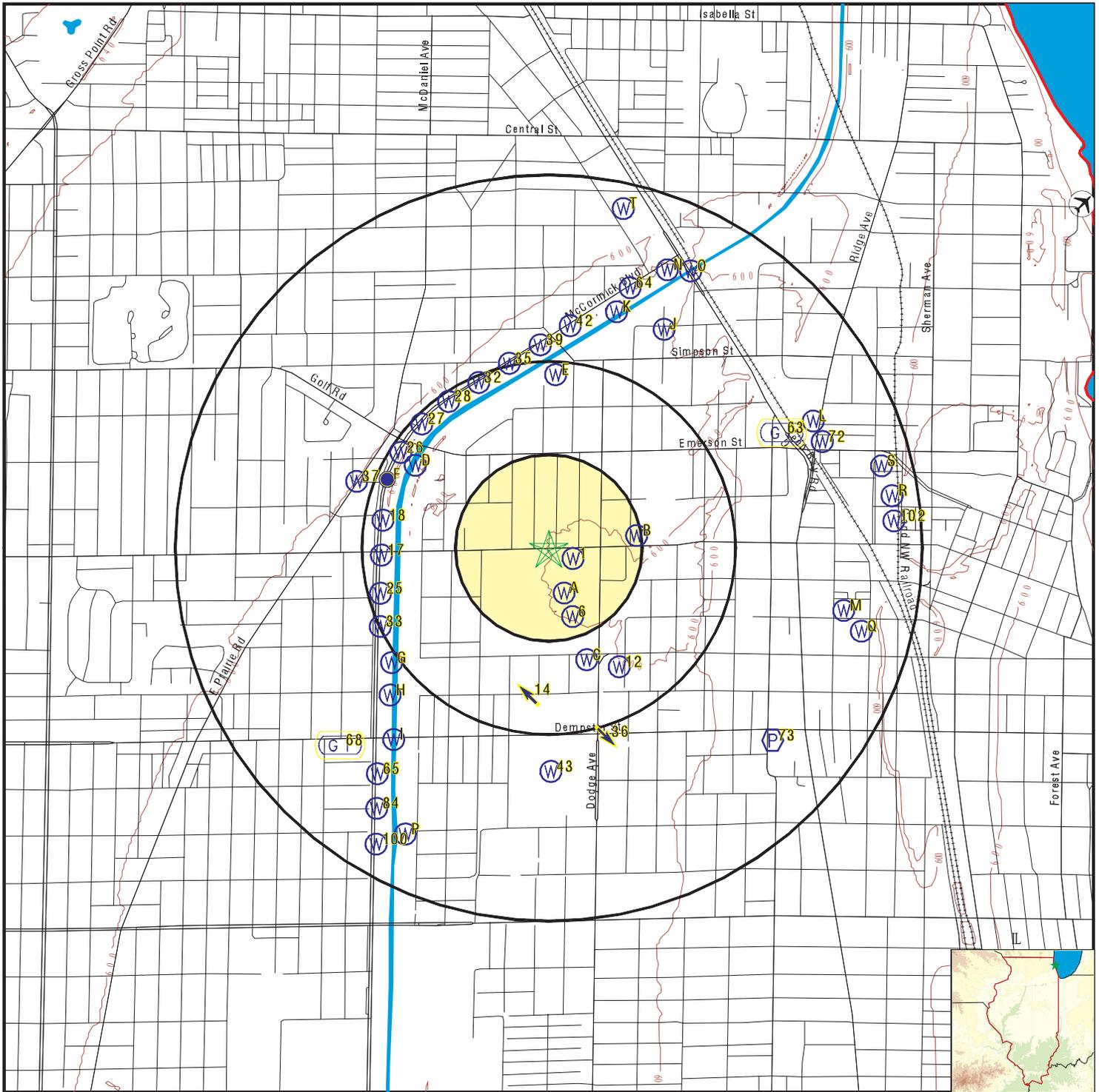
MAP ID	WELL ID	LOCATION FROM TP
H40	ILSG40000049566	1/2 - 1 Mile SW
H41	ILSG40000042136	1/2 - 1 Mile SW
42	ILSG40000055186	1/2 - 1 Mile North
43	ILPW8797	1/2 - 1 Mile South
H44	ILSG40000055174	1/2 - 1 Mile SW
I45	ILSG40000062624	1/2 - 1 Mile SW
J46	ILSG40000061712	1/2 - 1 Mile NNE
I47	ILSG40000062620	1/2 - 1 Mile SW
I48	ILSG40000062625	1/2 - 1 Mile SW
K49	ILSG40000050176	1/2 - 1 Mile NNE
I50	ILSG40000062621	1/2 - 1 Mile SW
I51	ILSG40000062619	1/2 - 1 Mile SW
K52	ILSG40000050177	1/2 - 1 Mile NNE
K53	ILSG40000050179	1/2 - 1 Mile NNE
K54	ILSG40000055187	1/2 - 1 Mile NNE
I55	ILSG40000062618	1/2 - 1 Mile SW
I56	ILSG40000062622	1/2 - 1 Mile SW
I57	ILSG40000042123	1/2 - 1 Mile SW
K58	ILSG40000050178	1/2 - 1 Mile NNE
I59	ILSG40000039734	1/2 - 1 Mile SW
I60	ILSG40000062623	1/2 - 1 Mile SW
J61	ILSG40000049565	1/2 - 1 Mile NNE
I62	ILSG40000042124	1/2 - 1 Mile SW
64	ILSG40000055188	1/2 - 1 Mile NNE
65	ILSG40000055173	1/2 - 1 Mile SW
L66	ILSG40000054353	1/2 - 1 Mile ENE
L67	ILSG40000054354	1/2 - 1 Mile ENE
L69	ILSG40000060479	1/2 - 1 Mile ENE
L70	ILSG40000054357	1/2 - 1 Mile ENE
L71	ILSG40000054355	1/2 - 1 Mile ENE
72	ILSG40000060480	1/2 - 1 Mile ENE
M74	ILSG40000054497	1/2 - 1 Mile East
L75	ILSG40000054356	1/2 - 1 Mile ENE
L76	ILSG40000054352	1/2 - 1 Mile ENE
L77	ILSG40000060478	1/2 - 1 Mile ENE
M78	ILSG40000054496	1/2 - 1 Mile ESE
M79	ILSG40000054495	1/2 - 1 Mile ESE
N80	ILSG40000039732	1/2 - 1 Mile NNE
L81	ILSG40000054351	1/2 - 1 Mile ENE
N82	ILSG40000042130	1/2 - 1 Mile NNE
O83	ILSG40000064441	1/2 - 1 Mile NNE
84	ILSG40000055172	1/2 - 1 Mile SSW
M85	ILSG40000059703	1/2 - 1 Mile ESE
O86	ILSG40000064442	1/2 - 1 Mile NNE
P87	ILSG40000042126	1/2 - 1 Mile SSW
Q88	ILSG40000059705	1/2 - 1 Mile ESE
Q89	ILSG40000059707	1/2 - 1 Mile ESE
P90	ILSG40000040924	1/2 - 1 Mile SSW
Q91	ILSG40000059706	1/2 - 1 Mile ESE
Q92	ILSG40000059708	1/2 - 1 Mile ESE
Q93	ILSG40000059704	1/2 - 1 Mile ESE
R94	ILSG40000064455	1/2 - 1 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
S95	ILSG40000064454	1/2 - 1 Mile ENE
T96	ILSG40000060443	1/2 - 1 Mile NNE
S97	ILSG40000054366	1/2 - 1 Mile ENE
S98	ILSG40000054367	1/2 - 1 Mile ENE
S99	ILSG40000054368	1/2 - 1 Mile ENE
100	ILSG40000055171	1/2 - 1 Mile SSW
S101	ILSG40000054369	1/2 - 1 Mile ENE
102	ILSG40000064447	1/2 - 1 Mile East
R103	ILSG40000064451	1/2 - 1 Mile East
T104	ILSG40000060442	1/2 - 1 Mile North
R105	ILSG40000064452	1/2 - 1 Mile East
T106	ILSG40000060444	1/2 - 1 Mile NNE
R107	ILSG40000064453	1/2 - 1 Mile East
S108	ILSG40000064448	1/2 - 1 Mile ENE
R109	ILSG40000064450	1/2 - 1 Mile East
T110	ILSG40000060441	1/2 - 1 Mile NNE
R111	ILSG40000064449	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 7834093.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 9826-D Church From Mcdaniel To Florence
 ADDRESS: Church and Mcdaniel
 Evanston IL 60201
 LAT/LONG: 42.048331 / 87.701711

CLIENT: Interra, Inc.
 CONTACT: Ashok Guntaka
 INQUIRY #: 7834093.2s
 DATE: November 26, 2024 1:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
1	ESE	0 - 1/8 Mile	Higher	IL WELLS	ILSG40000059502
Click here for full text details					
A2	SSE	0 - 1/8 Mile	Higher	IL WELLS	ILSG40000059507
Click here for full text details					
A3	SSE	0 - 1/8 Mile	Higher	IL WELLS	ILSG40000059503
Click here for full text details					
A4	South	1/8 - 1/4 Mile	Higher	IL WELLS	ILSG40000059506
Click here for full text details					
A5	SSE	1/8 - 1/4 Mile	Higher	IL WELLS	ILSG40000059504
Click here for full text details					
6	SSE	1/8 - 1/4 Mile	Higher	IL WELLS	ILSG40000059505
Click here for full text details					
B7	East	1/8 - 1/4 Mile	Higher	IL WELLS	ILSG40000059333
Click here for full text details					
B8	East	1/8 - 1/4 Mile	Higher	IL WELLS	ILSG40000059334
Click here for full text details					

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
B9 East 1/8 - 1/4 Mile Higher	Click here for full text details	IL WELLS	ILSG40000059332
C10 SSE 1/4 - 1/2 Mile Higher	Click here for full text details	IL WELLS	ILSG40000059508
C11 SSE 1/4 - 1/2 Mile Higher	Click here for full text details	IL WELLS	ILSG40000059509
12 SSE 1/4 - 1/2 Mile Higher	Click here for full text details	IL WELLS	ILSG40000040074
D13 WNW 1/4 - 1/2 Mile Higher	Click here for full text details	IL WELLS	ILSG40000049558
14 South 1/4 - 1/2 Mile Lower	Click here for full text details	AQUIFLOW	25565
D15 WNW 1/4 - 1/2 Mile Higher	Click here for full text details	IL WELLS	ILSG40000040929
D16 NW 1/4 - 1/2 Mile Higher	Click here for full text details	IL WELLS	ILSG40000042128
17 West 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055178

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
18 West 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055179
E19 North 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000054365
E20 North 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000054362
D21 WNW 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000042129
D22 WNW 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000061432
F23 WNW 1/4 - 1/2 Mile Higher	Click here for full text details	IL WELLS	ILSG40000055180
E24 North 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000054363
25 WSW 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055177
26 WNW 1/4 - 1/2 Mile Higher	Click here for full text details	IL WELLS	ILSG40000055181

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
27 NW 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055182
28 NW 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000039733
F29 WNW 1/4 - 1/2 Mile Higher	Click here for full text details	AQUIFLOW	62182
E30 North 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000054361
E31 North 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000054364
32 NNW 1/4 - 1/2 Mile Higher	Click here for full text details	IL WELLS	ILSG40000055183
33 WSW 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055176
G34 SW 1/4 - 1/2 Mile Lower	Click here for full text details	IL WELLS	ILSG40000042127
35 NNW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055184

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
36 SSE 1/2 - 1 Mile Lower	Click here for full text details	AQUIFLOW	62115
37 WNW 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILPW8734
G38 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055175
39 North 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055185
H40 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000049566
H41 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000042136
42 North 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055186
43 South 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILPW8797
H44 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055174

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
I45 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000062624
J46 NNE 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000061712
I47 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000062620
I48 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000062625
K49 NNE 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000050176
I50 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000062621
I51 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000062619
K52 NNE 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000050177
K53 NNE 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000050179

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
K54 NNE 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055187
I55 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000062618
I56 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000062622
I57 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000042123
K58 NNE 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000050178
I59 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000039734
I60 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000062623
J61 NNE 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000049565
I62 SW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000042124

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
63	ENE	1/2 - 1 Mile	Higher	AQUIFLOW	62391
			Click here for full text details		
64	NNE	1/2 - 1 Mile	Lower	IL WELLS	ILSG40000055188
			Click here for full text details		
65	SW	1/2 - 1 Mile	Lower	IL WELLS	ILSG40000055173
			Click here for full text details		
L66	ENE	1/2 - 1 Mile	Higher	IL WELLS	ILSG40000054353
			Click here for full text details		
L67	ENE	1/2 - 1 Mile	Higher	IL WELLS	ILSG40000054354
			Click here for full text details		
68	SW	1/2 - 1 Mile	Lower	AQUIFLOW	56490
			Click here for full text details		
L69	ENE	1/2 - 1 Mile	Higher	IL WELLS	ILSG40000060479
			Click here for full text details		
L70	ENE	1/2 - 1 Mile	Higher	IL WELLS	ILSG40000054357
			Click here for full text details		
L71	ENE	1/2 - 1 Mile	Higher	IL WELLS	ILSG40000054355
			Click here for full text details		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
72	ENE	1/2 - 1 Mile	Higher	IL WELLS	ILSG40000060480
			Click here for full text details		
73	SE	1/2 - 1 Mile	Higher	FRDS PWS	IL0001115
			Click here for full text details		
M74	East	1/2 - 1 Mile	Higher	IL WELLS	ILSG40000054497
			Click here for full text details		
L75	ENE	1/2 - 1 Mile	Higher	IL WELLS	ILSG40000054356
			Click here for full text details		
L76	ENE	1/2 - 1 Mile	Higher	IL WELLS	ILSG40000054352
			Click here for full text details		
L77	ENE	1/2 - 1 Mile	Higher	IL WELLS	ILSG40000060478
			Click here for full text details		
M78	ESE	1/2 - 1 Mile	Higher	IL WELLS	ILSG40000054496
			Click here for full text details		
M79	ESE	1/2 - 1 Mile	Higher	IL WELLS	ILSG40000054495
			Click here for full text details		
N80	NNE	1/2 - 1 Mile	Lower	IL WELLS	ILSG40000039732
			Click here for full text details		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
L81 ENE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000054351
N82 NNE 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000042130
O83 NNE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000064441
84 SSW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055172
M85 ESE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000059703
O86 NNE 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000064442
P87 SSW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000042126
Q88 ESE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000059705
Q89 ESE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000059707

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
P90 SSW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000040924
Q91 ESE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000059706
Q92 ESE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000059708
Q93 ESE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000059704
R94 East 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000064455
S95 ENE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000064454
T96 NNE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000060443
S97 ENE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000054366
S98 ENE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000054367

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
S99 ENE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000054368
100 SSW 1/2 - 1 Mile Lower	Click here for full text details	IL WELLS	ILSG40000055171
S101 ENE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000054369
102 East 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000064447
R103 East 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000064451
T104 North 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000060442
R105 East 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000064452
T106 NNE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000060444
R107 East 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000064453

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
S108 ENE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000064448
R109 East 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000064450
T110 NNE 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000060441
R111 East 1/2 - 1 Mile Higher	Click here for full text details	IL WELLS	ILSG40000064449
1G ENE 1/2 - 1 Mile Lower	Click here for full text details	AQUIFLOW	62391
2G WNW 1/4 - 1/2 Mile Lower	Click here for full text details	AQUIFLOW	62182
3G South 1/4 - 1/2 Mile Lower	Click here for full text details	AQUIFLOW	25565
4G SSE 1/2 - 1 Mile Lower	Click here for full text details	AQUIFLOW	62115
5G SW 1/2 - 1 Mile Lower	Click here for full text details	AQUIFLOW	56490

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: IL Radon

Radon Test Results

Zipcode	Result
60201	0.7
60201	1.6
60201	0.7
60201	0.9
60201	
60201	0.7
60201	1.1
60201	0.3
60201	0.6
60201	1.6
60201	0.8
60201	1
60201	0.3
60201	1.8

Federal EPA Radon Zone for COOK County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 60201

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	-0.500 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Illinois State Geological Survey

Telephone: 217-333-4747

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Oil and Gas Wells Listing

Source: Illinois State Geological Survey

Telephone: 217-333-5109

Oil and gas wells location points from the Illinois State Geological Survey database.

Water Well Records

Source: Illinois Geological Survey

Telephone: 217-333-4747

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)

Source: Illinois State Water Survey

Telephone: 217-333-9043

Water Well Location Information

Source: Illinois Environmental Protection Agency

Telephone: 217-782-0810

RADON

State Database: IL Radon

Source: Department of Nuclear Safety

Telephone: 217-785-9958

County Radon Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix B
Sample Location Map

2025 Water Main Improvement Projects
Church Street from McDaniel Avenue to Florence Avenue
INTERRA Project No. 9826
Date: 12/17/2024



Church-SGB-01

Church-SGB-02



Appendix C
Analytical Test Reports

January 09, 2025

INTERRA, Inc.
INTERRA, Inc.
600 Territorial Drive, Suite G
Bolingbrook, IL 60440

RE: 9826 - Evanston Geotech and Environmental 2024
AAL1169

Metiri Analytical Group Inc, - Geneva received sample(s) on 12/18/2024 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,



Daniel Galeher
Project Manager



INTERRA, Inc.
600 Territorial Drive, Suite G
Bolingbrook, IL 60440

Project: INTERRA - Soil
Project Number: 9826 - Evanston Geotech and Environmental 2024
Project Manager: INTERRA, Inc.

Reported: 01/09/2025 15:13

Notes and Definitions

Item	Definition
------	------------

J	Analyte detected below quantitation limit (QL)
S	Spike Recovery outside accepted recovery limits
U	Analyte included in the analysis, but not detected

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All radiological results are reported to the 95% confidence level.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS: (Surrogate Standard): Quality control compound added to the sample by the lab.
- LA: Lab Accident - No valid data to report.
- VO: Insufficient Volume provided
- BR: Received broken
- IP: Invalid Sampling

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater



Illinois Department of Public Health Accredited #17585

Illinois Environmental Protection Agency Accredited #100225

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INTERRA, Inc.
600 Territorial Drive, Suite G
Bolingbrook, IL 60440

Project: INTERRA - Soil
Project Number: 9826 - Evanston Geotech and Environmental 2024
Project Manager: INTERRA, Inc.

Reported: 01/09/2025 15:13

Analysis Case Narrative

8082:

Sample AAL1169-02: S = Recovery of both surrogates was below the acceptance limits on both columns due to matrix interference.

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AAL1169-01	Church-SGB-01	Solid	12/17/2024 12:00	12/18/2024
AAL1169-01	Church-SGB-01	Solid	12/17/2024 12:00	12/18/2024
AAL1169-02	Church-SGB-02	Solid	12/17/2024 13:00	12/18/2024

INTERRA, Inc.
600 Territorial Drive, Suite G
Bolingbrook, IL 60440

Project: INTERRA - Soil
Project Number: 9826 - Evanston Geotech and Environmental 2024
Project Manager: INTERRA, Inc.

Reported: 01/09/2025 15:13

Sample Results

Sample: Church-SGB-01
AAL1169-01 (Solid)

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
SVOC									
1,2,4-Trichlorobenzene	ND	0.030	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
1,2-Dichlorobenzene	ND	0.016	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
1,3-Dichlorobenzene	ND	0.017	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
1,4-Dichlorobenzene	ND	0.013	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
2,4,5-Trichlorophenol	ND	0.122	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
2,4,6-Trichlorophenol	ND	0.124	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
2,4-Dichlorophenol	ND	0.116	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
2,4-Dimethylphenol	ND	0.187	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
2,4-Dinitrophenol	ND	0.245	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
2,4-Dinitrotoluene	ND	0.021	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
2,6-Dinitrotoluene	ND	0.017	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
2-Chloronaphthalene	ND	0.020	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
2-Chlorophenol	ND	0.110	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
2-Methylnaphthalene	ND	0.021	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
2-Nitroaniline	ND	0.129	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
2-Nitrophenol	ND	0.131	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
3,3-Dichlorobenzidine	ND	0.115	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
3-Nitroaniline	ND	0.059	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
4,6-Dinitro-2-methylphenol	ND	0.115	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
4-Bromophenyl phenyl ether	ND	0.021	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
4-Chloro-3-methylphenol	ND	0.119	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
4-Chloroaniline	ND	0.092	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
4-Chlorophenyl phenyl ether	ND	0.015	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
4-Nitroaniline	ND	0.075	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
4-Nitrophenol	ND	0.106	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Acenaphthene	ND	0.019	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Acenaphthylene	ND	0.016	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Anthracene	0.026 J	0.014	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Benzo(a)anthracene	ND	0.012	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Benzo(a)pyrene	0.102	0.015	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Benzo(b)fluoranthene	0.121	0.015	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Benzo(g,h,i)perylene	0.085	0.019	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Benzo(k)fluoranthene	0.046 J	0.013	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Bis(2-chloroethoxy)methane	ND	0.022	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
bis(2-Chloroethyl)ether	ND	0.034	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Bis(2-chloroisopropyl)ether	ND	0.028	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Bis(2-ethylhexyl)phthalate	ND	0.137	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Butyl benzyl phthalate	ND	0.136	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Carbazole	ND	0.015	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Chrysene	0.112	0.015	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Dibenzo(a,h)anthracene	ND	0.020	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Dibenzofuran	ND	0.017	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Diethyl phthalate	ND	0.114	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Dimethyl phthalate	ND	0.126	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Di-n-butyl phthalate	ND	0.106	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068

INTERRA, Inc.
600 Territorial Drive, Suite G
Bolingbrook, IL 60440

Project: INTERRA - Soil
Project Number: 9826 - Evanston Geotech and Environmental 2024
Project Manager: INTERRA, Inc.

Reported: 01/09/2025 15:13

Sample Results (Continued)

Sample: Church-SGB-01 (Continued) AAL1169-01 (Solid)

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
SVOC (Continued)									
Di-n-octyl phthalate	ND	0.152	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Fluoranthene	0.213	0.013	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Fluorene	ND	0.017	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Hexachlorobenzene	ND	0.124	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Hexachlorobutadiene	ND	0.119	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Hexachlorocyclopentadiene	ND	0.101	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Hexachloroethane	ND	0.112	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Indeno(1,2,3-cd)pyrene	0.069 J	0.002	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Isophorone	ND	0.002	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
m,p-Cresol	ND	0.027	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Naphthalene	ND	0.017	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Nitrobenzene	ND	0.014	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
N-Nitroso-di-n-propylamine	ND	0.019	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
N-Nitrosodiphenylamine	ND	0.032	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
O-Cresol	ND	0.027	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Pentachlorophenol	ND	0.203	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Phenanthrene	0.081	0.015	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Phenol	ND	0.117	0.386	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
Pyrene	0.179	0.016	0.077	mg/kg dry	12/17/24 12:00	01/03/25	1	8270C	BAL1068
<hr/>									
Surrogate: 2,4,6-Tribromophenol	61%		38-105			01/03/25	1	8270C	
Surrogate: 2-Fluorobiphenyl	65%		40-110			01/03/25	1	8270C	
Surrogate: 2-Fluorophenol	55%		41-105			01/03/25	1	8270C	
Surrogate: 4-Terphenyl-d14	103%		26-133			01/03/25	1	8270C	
Surrogate: Nitrobenzene-d5	62%		27-129			01/03/25	1	8270C	
Surrogate: Phenol-d5	52%		43-105			01/03/25	1	8270C	

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
Semivolatile Organics - Prep EPA 3546									
4,4'-DDD	0.00351	0.000441	0.00154	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
4,4'-DDE	0.00237	0.000464	0.00154	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
4,4'-DDT	0.00246	0.00122	0.00154	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Aldrin	ND	0.000220	0.000774	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
alpha-BHC	ND	0.000383	0.000774	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
alpha-Chlordane	ND	0.000209	0.000774	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
beta-BHC	ND	0.000371	0.000774	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Chlordane, Technical	ND	0.0229	0.0386	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
delta-BHC	ND	0.000220	0.000774	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Dieldrin	ND	0.000476	0.00154	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Endosulfan I	ND	0.000186	0.000774	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Endosulfan II	ND	0.000395	0.00154	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Endosulfan sulfate	ND	0.000406	0.00154	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Endrin	ND	0.000499	0.00154	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Endrin aldehyde	ND	0.000453	0.00154	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Endrin ketone	ND	0.000534	0.00154	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309

INTERRA, Inc.
600 Territorial Drive, Suite G
Bolingbrook, IL 60440

Project: INTERRA - Soil
Project Number: 9826 - Evanston Geotech and Environmental 2024
Project Manager: INTERRA, Inc.

Reported: 01/09/2025 15:13

Sample Results
(Continued)

Sample: Church-SGB-01 (Continued)
AAL1169-01 (Solid)

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
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Semivolatile Organics - Prep EPA 3546 (Continued)

gamma-BHC	ND	0.000244	0.000774	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
gamma-Chlordane	ND	0.000278	0.000774	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Heptachlor	ND	0.000360	0.000774	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Heptachlor epoxide	ND	0.000186	0.000774	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Methoxychlor	ND	0.00719	0.00774	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
Toxaphene	ND	0.0462	0.0967	mg/kg dry	12/17/24 12:00	12/30/24	1	8081	BAL1309
<i>Surrogate: Decachlorobiphenyl</i>		<i>56%</i>	<i>29-133</i>			<i>12/30/24</i>	<i>1</i>	<i>8081</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>		<i>53%</i>	<i>36-118</i>			<i>12/30/24</i>	<i>1</i>	<i>8081</i>	
Aroclor 1016	ND	0.004	0.019	mg/kg dry	12/17/24 12:00	12/30/24	1	8082	BAL1312
Aroclor 1221	ND	0.004	0.019	mg/kg dry	12/17/24 12:00	12/30/24	1	8082	BAL1312
Aroclor 1232	ND	0.003	0.019	mg/kg dry	12/17/24 12:00	12/30/24	1	8082	BAL1312
Aroclor 1242	ND	0.004	0.019	mg/kg dry	12/17/24 12:00	12/30/24	1	8082	BAL1312
Aroclor 1248	ND	0.004	0.019	mg/kg dry	12/17/24 12:00	12/30/24	1	8082	BAL1312
Aroclor 1254	ND	0.004	0.019	mg/kg dry	12/17/24 12:00	12/30/24	1	8082	BAL1312
Aroclor 1260	ND	0.008	0.019	mg/kg dry	12/17/24 12:00	12/30/24	1	8082	BAL1312
<i>Surrogate: Decachlorobiphenyl</i>		<i>53%</i>	<i>20-142</i>			<i>12/30/24</i>	<i>1</i>	<i>8082</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>		<i>57%</i>	<i>22-123</i>			<i>12/30/24</i>	<i>1</i>	<i>8082</i>	

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
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Metals - CVAA

Mercury	ND	0.0427	0.0934	mg/kg dry	12/17/24 12:00	01/06/25	1	7471B	BBA0134
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Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
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Wet Chemistry

pH	8.81	0.100	0.100	pH Units	12/17/24 12:00	12/21/24	1	SW 9045D	BAL1178
Temperature	20.9	1.00	1.00	pH Units	12/17/24 12:00	12/21/24	1	SW 9045D	BAL1178
Percent Moisture	14	1.0	1.0	%	12/17/24 12:00	12/19/24	1	ASTM-D2216	BAL1049

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
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Volatile Organics - Prep EPA 5035

1,1,1-Trichloroethane	ND	0.000381	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
1,1,2,2-Tetrachloroethane	ND	0.000495	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
1,1,2-Trichloroethane	ND	0.000476	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
1,1-Dichloroethane	ND	0.000428	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
1,1-Dichloroethene	ND	0.000457	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
1,2-Dichloroethane	ND	0.000314	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
1,2-Dichloropropane	ND	0.00156	0.00476	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
2-Butanone	ND	0.00225	0.0190	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
2-Hexanone	ND	0.000704	0.0238	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
4-Methyl-2-pentanone	ND	0.000714	0.0238	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Acetone	ND	0.00505	0.0238	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459

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INTERRA, Inc.
600 Territorial Drive, Suite G
Bolingbrook, IL 60440

Project: INTERRA - Soil
Project Number: 9826 - Evanston Geotech and Environmental 2024
Project Manager: INTERRA, Inc.

Reported: 01/09/2025 15:13

Sample Results
(Continued)

Sample: Church-SGB-01 (Continued)
AAL1169-01 (Solid)

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
Volatile Organics - Prep EPA 5035 (Continued)									
Benzene	ND	0.000295	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Bromoform	ND	0.00156	0.00476	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Bromomethane	ND	0.000438	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Carbon disulfide	ND	0.00143	0.00476	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Carbon tetrachloride	ND	0.000371	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Chlorobenzene	ND	0.000276	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Chloroethane	ND	0.00262	0.00476	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Chloroform	ND	0.000428	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Chloromethane	ND	0.00366	0.00476	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
cis-1,2-Dichloroethene	ND	0.000362	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
cis-1,3-dichloropropene	ND	0.000238	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Dibromochloromethane	ND	0.000409	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Ethylbenzene	ND	0.000371	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
m,p-Xylene	ND	0.000571	0.00190	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Methyl tert-butyl ether	ND	0.000333	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Methylene chloride	ND	0.00245	0.00476	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
o-Xylene	ND	0.000257	0.00190	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Styrene	ND	0.000276	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Tetrachloroethene	ND	0.000571	0.00190	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Toluene	ND	0.000447	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
trans-1,2-Dichloroethene	ND	0.000352	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
trans-1,3-dichloropropene	ND	0.000247	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Trichloroethene	ND	0.000343	0.000951	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
Vinyl chloride	ND	0.000980	0.00476	mg/kg dry	12/17/24 12:00	12/30/24	1	8260B	BAL1459
<hr/>									
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>103%</i>	<i>76-119</i>			<i>12/30/24</i>	<i>1</i>	<i>8260B</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>95%</i>	<i>66-137</i>			<i>12/30/24</i>	<i>1</i>	<i>8260B</i>	
<i>Surrogate: Toluene-d8</i>		<i>103%</i>	<i>80-120</i>			<i>12/30/24</i>	<i>1</i>	<i>8260B</i>	

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
Volatile Organics									
Total 1,3-Dichloropropene	ND	0.000238	0.000951	mg/kg Dry dry	12/17/24 12:00	12/30/24	1	8260B	[CALC]
Total Xylenes	ND	0.000257	0.00190	mg/kg Dry dry	12/17/24 12:00	12/30/24	1	8260B	[CALC]

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
Metals - ICP									
Arsenic	2.80 J	0.330	5.00	mg/kg Dry	12/17/24 12:00	12/20/24	1	6010B	BAL1164
Barium	5.09	0.530	2.50	mg/kg Dry	12/17/24 12:00	12/20/24	1	6010B	BAL1164
Cadmium	ND	0.0300	0.250	mg/kg Dry	12/17/24 12:00	12/20/24	1	6010B	BAL1164
Chromium	2.80	0.0870	0.250	mg/kg Dry	12/17/24 12:00	12/20/24	1	6010B	BAL1164
Lead	5.81	0.210	1.25	mg/kg Dry	12/17/24 12:00	12/20/24	1	6010B	BAL1164
Selenium	ND	0.360	5.00	mg/kg Dry	12/17/24 12:00	12/20/24	1	6010B	BAL1164

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 Bolingbrook, IL 60440

Project: INTERRA - Soil
 Project Number: 9826 - Evanston Geotech and Environmental 2024
 Project Manager: INTERRA, Inc.

Reported: 01/09/2025 15:13

Sample Results
 (Continued)

Sample: Church-SGB-01 (Continued)
AAL1169-01 (Solid)

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
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Metals - ICP (Continued)

Silver	ND	0.260	0.500	mg/kg Dry	12/17/24 12:00	12/20/24	1	6010B	BAL1164
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Project Number: 9826 - Evanston Geotech and Environmental 2024
Project Manager: INTERRA, Inc.

Reported: 01/09/2025 15:13

Sample Results (Continued)

**Sample: Church-SGB-02
AAL1169-02 (Solid)**

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
SVOC									
1,2,4-Trichlorobenzene	ND	0.031	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
1,2-Dichlorobenzene	ND	0.017	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
1,3-Dichlorobenzene	ND	0.018	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
1,4-Dichlorobenzene	ND	0.013	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
2,4,5-Trichlorophenol	ND	0.125	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
2,4,6-Trichlorophenol	ND	0.128	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
2,4-Dichlorophenol	ND	0.119	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
2,4-Dimethylphenol	ND	0.192	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
2,4-Dinitrophenol	ND	0.252	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
2,4-Dinitrotoluene	ND	0.021	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
2,6-Dinitrotoluene	ND	0.018	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
2-Chloronaphthalene	ND	0.020	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
2-Chlorophenol	ND	0.113	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
2-Methylnaphthalene	0.043 J	0.021	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
2-Nitroaniline	ND	0.132	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
2-Nitrophenol	ND	0.135	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
3,3-Dichlorobenzidine	ND	0.118	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
3-Nitroaniline	ND	0.061	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
4,6-Dinitro-2-methylphenol	ND	0.118	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
4-Bromophenyl phenyl ether	ND	0.021	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
4-Chloro-3-methylphenol	ND	0.123	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
4-Chloroaniline	ND	0.094	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
4-Chlorophenyl phenyl ether	ND	0.016	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
4-Nitroaniline	ND	0.078	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
4-Nitrophenol	ND	0.109	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Acenaphthene	0.186	0.019	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Acenaphthylene	0.057 J	0.017	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Anthracene	0.810	0.014	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Benzo(a)anthracene	2.93	0.012	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Benzo(a)pyrene	2.92	0.016	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Benzo(b)fluoranthene	3.52	0.016	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Benzo(g,h,i)perylene	1.98	0.019	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Benzo(k)fluoranthene	1.23	0.013	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Bis(2-chloroethoxy)methane	ND	0.023	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
bis(2-Chloroethyl)ether	ND	0.035	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Bis(2-chloroisopropyl)ether	ND	0.029	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Bis(2-ethylhexyl)phthalate	ND	0.141	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Butyl benzyl phthalate	ND	0.140	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Carbazole	0.139	0.016	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Chrysene	2.95	0.016	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Dibenzo(a,h)anthracene	0.485	0.020	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Dibenzofuran	0.095	0.018	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Diethyl phthalate	ND	0.117	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Dimethyl phthalate	ND	0.130	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Di-n-butyl phthalate	ND	0.109	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068

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Project Manager: INTERRA, Inc.

Reported: 01/09/2025 15:13

Sample Results (Continued)

Sample: Church-SGB-02 (Continued) AAL1169-02 (Solid)

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
SVOC (Continued)									
Di-n-octyl phthalate	ND	0.156	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Fluoranthene	5.51	0.066	0.398	mg/kg dry	12/17/24 13:00	01/08/25	5	8270C	BAL1068
Fluorene	0.246	0.018	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Hexachlorobenzene	ND	0.128	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Hexachlorobutadiene	ND	0.123	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Hexachlorocyclopentadiene	ND	0.104	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Hexachloroethane	ND	0.116	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Indeno(1,2,3-cd)pyrene	1.85	0.002	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Isophorone	ND	0.002	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
m,p-Cresol	ND	0.028	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Naphthalene	0.087	0.018	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Nitrobenzene	ND	0.014	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
N-Nitroso-di-n-propylamine	ND	0.019	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
N-Nitrosodiphenylamine	ND	0.033	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
O-Cresol	ND	0.027	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Pentachlorophenol	ND	0.209	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Phenanthrene	2.36	0.016	0.080	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Phenol	ND	0.120	0.397	mg/kg dry	12/17/24 13:00	01/03/25	1	8270C	BAL1068
Pyrene	5.27	0.083	0.398	mg/kg dry	12/17/24 13:00	01/08/25	5	8270C	BAL1068

Surrogate: 2,4,6-Tribromophenol	49%		38-105			01/03/25	1	8270C	
Surrogate: 2-Fluorobiphenyl	50%		40-110			01/03/25	1	8270C	
Surrogate: 2-Fluorophenol	48%		41-105			01/03/25	1	8270C	
Surrogate: 4-Terphenyl-d14	78%		26-133			01/03/25	1	8270C	
Surrogate: Nitrobenzene-d5	47%		27-129			01/03/25	1	8270C	
Surrogate: Phenol-d5	49%		43-105			01/03/25	1	8270C	

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
Semivolatile Organics - Prep EPA 3546									
4,4'-DDD	ND	0.00225	0.00787	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
4,4'-DDE	ND	0.00237	0.00787	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
4,4'-DDT	ND	0.00621	0.00787	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Aldrin	ND	0.00112	0.00395	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
alpha-BHC	ND	0.00195	0.00395	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
alpha-Chlordane	ND	0.00107	0.00395	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
beta-BHC	ND	0.00189	0.00395	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Chlordane, Technical	ND	0.117	0.197	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
delta-BHC	ND	0.00112	0.00395	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Dieldrin	ND	0.00243	0.00787	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Endosulfan I	ND	0.000947	0.00395	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Endosulfan II	ND	0.00201	0.00787	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Endosulfan sulfate	ND	0.00207	0.00787	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Endrin	ND	0.00254	0.00787	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Endrin aldehyde	0.00233 J	0.00231	0.00787	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Endrin ketone	ND	0.00272	0.00787	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309

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Sample Results (Continued)

Sample: Church-SGB-02 (Continued) AAL1169-02 (Solid)

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
Semivolatile Organics - Prep EPA 3546 (Continued)									
gamma-BHC	ND	0.00124	0.00395	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
gamma-Chlordane	ND	0.00142	0.00395	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Heptachlor	ND	0.00183	0.00395	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Heptachlor epoxide	ND	0.000947	0.00395	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Methoxychlor	ND	0.0367	0.0395	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309
Toxaphene	ND	0.236	0.493	mg/kg dry	12/17/24 13:00	01/01/25	5	8081	BAL1309

<i>Surrogate: Decachlorobiphenyl</i>		70%	S	29-133		01/01/25	5	8081	
<i>Surrogate: Tetrachloro-m-xylene</i>		66%	S	36-118		01/01/25	5	8081	
AROCLOR 1016	ND	0.004	0.020	mg/kg dry	12/17/24 13:00	01/01/25	1	8082	BAL1312
AROCLOR 1221	ND	0.004	0.020	mg/kg dry	12/17/24 13:00	01/01/25	1	8082	BAL1312
AROCLOR 1232	ND	0.004	0.020	mg/kg dry	12/17/24 13:00	01/01/25	1	8082	BAL1312
AROCLOR 1242	ND	0.004	0.020	mg/kg dry	12/17/24 13:00	01/01/25	1	8082	BAL1312
AROCLOR 1248	ND	0.004	0.020	mg/kg dry	12/17/24 13:00	01/01/25	1	8082	BAL1312
AROCLOR 1254	ND	0.005	0.020	mg/kg dry	12/17/24 13:00	01/01/25	1	8082	BAL1312
AROCLOR 1260	ND	0.008	0.020	mg/kg dry	12/17/24 13:00	01/01/25	1	8082	BAL1312

<i>Surrogate: Decachlorobiphenyl (DCB)</i>		16%		20-142		01/01/25	1	8082	
<i>Surrogate: TETRACHLORO-M-XYLENE</i>		12%		22-123		01/01/25	1	8082	

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
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Metals - CVAA

Mercury	0.0663 J	0.0470	0.103	mg/kg dry	12/17/24 13:00	01/06/25	1	7471B	BBA0134
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Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
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Wet Chemistry

pH	9.36	0.100	0.100	pH Units	12/17/24 13:00	12/21/24	1	SW 9045D	BAL1178
Temperature	21.3	1.00	1.00	pH Units	12/17/24 13:00	12/21/24	1	SW 9045D	BAL1178
Percent Moisture	16	1.0	1.0	%	12/17/24 13:00	12/19/24	1	ASTM-D2216	BAL1049

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
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Volatile Organics - Prep EPA 5035

1,1,1-Trichloroethane	ND	0.000345	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
1,1,2,2-Tetrachloroethane	ND	0.000448	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
1,1,2-Trichloroethane	ND	0.000431	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
1,1-Dichloroethane	ND	0.000388	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
1,1-Dichloroethene	ND	0.000414	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
1,2-Dichloroethane	ND	0.000285	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
1,2-Dichloropropane	ND	0.00141	0.00431	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
2-Butanone	0.00618 J	0.00204	0.0172	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
2-Hexanone	ND	0.000638	0.0216	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
4-Methyl-2-pentanone	ND	0.000647	0.0216	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Acetone	0.0225	0.00458	0.0216	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425

INTERRA, Inc.
600 Territorial Drive, Suite G
Bolingbrook, IL 60440

Project: INTERRA - Soil
Project Number: 9826 - Evanston Geotech and Environmental 2024
Project Manager: INTERRA, Inc.

Reported: 01/09/2025 15:13

Sample Results
(Continued)

Sample: Church-SGB-02 (Continued)
AAL1169-02 (Solid)

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
Volatile Organics - Prep EPA 5035 (Continued)									
Benzene	ND	0.000267	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Bromoform	ND	0.00141	0.00431	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Bromomethane	ND	0.000397	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Carbon disulfide	ND	0.00129	0.00431	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Carbon tetrachloride	ND	0.000336	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Chlorobenzene	ND	0.000250	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Chloroethane	ND	0.00237	0.00431	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Chloroform	ND	0.000388	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Chloromethane	ND	0.00332	0.00431	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
cis-1,2-Dichloroethene	ND	0.000328	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
cis-1,3-dichloropropene	ND	0.000216	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Dibromochloromethane	ND	0.000371	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Ethylbenzene	ND	0.000336	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
m,p-Xylene	ND	0.000517	0.00172	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Methyl tert-butyl ether	ND	0.000302	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Methylene chloride	ND	0.00223	0.00431	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
o-Xylene	ND	0.000233	0.00172	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Styrene	ND	0.000250	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Tetrachloroethene	ND	0.000517	0.00172	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Toluene	ND	0.000405	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
trans-1,2-Dichloroethene	ND	0.000319	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
trans-1,3-dichloropropene	ND	0.000224	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Trichloroethene	0.000707 J	0.000310	0.000862	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
Vinyl chloride	ND	0.000888	0.00431	mg/kg dry	12/17/24 13:00	12/29/24	1	8260B	BAL1425
<hr/>									
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>103%</i>	<i>76-119</i>			<i>12/29/24</i>	<i>1</i>	<i>8260B</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>104%</i>	<i>66-137</i>			<i>12/29/24</i>	<i>1</i>	<i>8260B</i>	
<i>Surrogate: Toluene-d8</i>		<i>102%</i>	<i>80-120</i>			<i>12/29/24</i>	<i>1</i>	<i>8260B</i>	

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
Volatile Organics									
Total 1,3-Dichloropropene	ND	0.000216	0.000862	mg/kg Dry dry	12/17/24 13:00	12/29/24	1	8260B	[CALC]
Total Xylenes	ND	0.000233	0.00172	mg/kg Dry dry	12/17/24 13:00	12/29/24	1	8260B	[CALC]

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
Metals - ICP									
Arsenic	3.94 J	0.330	5.00	mg/kg Dry	12/17/24 13:00	12/20/24	1	6010B	BAL1164
Barium	42.0	0.530	2.50	mg/kg Dry	12/17/24 13:00	12/20/24	1	6010B	BAL1164
Cadmium	0.178 J	0.0300	0.250	mg/kg Dry	12/17/24 13:00	12/20/24	1	6010B	BAL1164
Chromium	11.3	0.0870	0.250	mg/kg Dry	12/17/24 13:00	12/20/24	1	6010B	BAL1164
Lead	33.5	0.210	1.25	mg/kg Dry	12/17/24 13:00	12/20/24	1	6010B	BAL1164
Selenium	ND	0.360	5.00	mg/kg Dry	12/17/24 13:00	12/20/24	1	6010B	BAL1164

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

INTERRA, Inc.
 600 Territorial Drive, Suite G
 Bolingbrook, IL 60440

Project: INTERRA - Soil
 Project Number: 9826 - Evanston Geotech and Environmental 2024
 Project Manager: INTERRA, Inc.

Reported: 01/09/2025 15:13

Sample Results
 (Continued)

Sample: Church-SGB-02 (Continued)
AAL1169-02 (Solid)

Analyte	Result /Qual	DL	RL	Units	Date Sampled	Date Analyzed	DF	Method	Prep Batch
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Metals - ICP (Continued)

Silver	ND	0.260	0.500	mg/kg Dry	12/17/24 13:00	12/20/24	1	6010B	BAL1164
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INTERRA, Inc.
600 Territorial Drive, Suite G
Bolingbrook, IL 60440

Project: INTERRA - Soil
Project Number: 9826 - Evanston Geotech and Environmental 2024
Project Manager: INTERRA, Inc.

Reported: 01/09/2025 15:13

8260 SRP Package

8260 SRP



SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave. Ste. 150 Geneva, IL 60134

Tel. 708.544.3260

login@suburbanlabs.com

www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Interra
 Com: 600 Territorial Dr. Suite G
 City: Bolingbrook State: IL Zip: 60440
 Office: 630-754-8700 Fax: 630-754-8700
 Email Address: aguntaka@interraservices.com
 Project ID / Location: 9826 - Evanston Geotech & Environmental - 2024
 Project Manager (Report to): aguntaka@interraservices.com
reshmac@interraservices.com
 Sample Collector(s): Paul Sponaugle

TURNAROUND TIME REQUESTED
 Normal RUSH*
 * Must be pre-approved and surcharges apply. Checking this box indicates your approval of surcharges.
 Data and Time Report Needed:
 Specify Regulatory Program: None/Info Only
 LUST SRP SDWA
 503 Sludge NPDES MWRDGC
 Disposal CCDD OTHER - Specify Below

ANALYSIS & METHOD REQUESTED
 Enter an 'X' in box below for request

VOCs	SVOCs	RCRA Metals (6)	PCBs	Pesticides	pH

Page 1 of 1
 PO #
 Report Type Normal Special*
 * Additional charges apply for QC reports and raw data. Specify in comments section
 Shipping Method
LAB USE ONLY
 Work Order #
 Temperature of Received Samples: 31 °C
 Received within 24 hours of collection? No Yes

	SAMPLE IDENTIFICATION (Use 1 line per container type)	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS		PRESERVATIVE	VOCs	SVOCs	RCRA Metals (6)	PCBs	Pesticides	pH
		DATE	TIME			Qty	SIZE & TYPE							
1	Church-SGB-01	12-17-24	1200	Soil	Grab	5			X	X	X	X	X	X
2	Church-SGB-02	12-17-24	1300	Soil	Grab	5			X	X	X	X	X	X
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water (SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H₂SO₄, HCl, HNO₃, Methanol (MeOH), NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
 Regulatory Programs:
 CCDD Mac
 TACO Residential
 TACO Industrial/Commercial

AAL1169

 INTERRA, Inc.

1. Relinquished By: <i>Resh</i>	Date: 12/17/24	2. Relinquished By: <i>Paul</i>	Date: 12/17/24	3. Relinquished By:	Date:	4. Relinquished By:	Date:
Received By: <i>Resh</i>	Time: 4:30	Received By: <i>Paul</i>	Time: 2:10	Received By:	Time:	Received By:	Time:

APPENDIX C

GEO TECHNICAL REPORT



600 Territorial Drive, Suite G, Bolingbrook, IL 60440

Phone: 630-754-8700, Fax: 630-754-8705

www.interraservices.com

Geotechnical Data Report

2025 Water Main Improvement Projects

Church Street from McDaniel Avenue to Florence Avenue

City of Evanston, Cook County, Illinois

01/03/2025

Prepared for:

City of Evanston
2100 Ridge Avenue
Evanston, IL 60201

Ms. Bridget Nash, PE
Capital Planning & Engineering
Public Works Agency
City of Evanston
2100 Ridge Avenue
Evanston, IL 60201

Geotechnical Data Report

2025 Water Main Improvement Projects
Church Street from McDaniel Avenue to Florence Avenue
City of Evanston, Cook County, Illinois

Dear Ms. Nash:

Interra, Inc. (INTERRA) is pleased to submit this report on geotechnical investigation performed at the above referenced project location in Evanston, Illinois. We understand that the purpose of the investigation is to aid in the design of improvements for the above referenced water main.

Scope of Work

The scope of work consisted of drilling two (2) boreholes to a depth of 10 feet below existing surface, performing associated laboratory tests on the recovered soil samples and preparation of geotechnical data report. The borehole locations are presented in the attached Location Map.

Field Work

The boreholes were located in the field by INTERRA as shown in the attached borehole location plan. The drilling sub-contractor, Geocon Professional Services (GEOCON) obtained underground utility clearances prior to drilling. Drilling was performed using a hollow stem auger. INTERRA's geologist was present during the drilling to collect and log the soil samples. Soil sampling was performed as per AASHTO T-206, "Penetration Test and Split Barrel Sampling of Soils". Soil sampling was performed at 2.5-foot intervals up

to the exploration depth of 10 feet. Unconfined compressive strength tests were performed on cohesive samples using an Illinois modified RIMAC tester. Cohesive samples that could not be tested with a RIMAC tester were tested with a pocket penetrometer to estimate the unconfined compressive strength. Observation for ground water was made during drilling and immediately after the completion of drilling and the information was recorded on the borehole logs. The borehole was immediately backfilled upon completion of drilling. In addition to groundwater information, blow-count data and soil description were also recorded on the field borehole logs. Soil samples obtained from the drilling operations were immediately sealed in the field and returned to our Bolingbrook, Illinois laboratory for further examination and testing.

Laboratory Work

The laboratory work for this project consisted of performing moisture content tests (AASHTO T 265) on all samples recovered from the boreholes. All soil samples will be retained in our Bolingbrook, Illinois laboratory for a period of sixty days, after which they will be discarded unless other instructions as to their disposal are received.

Subsurface Soil Conditions

Boring Church-SGB-01 encountered 3 inches of asphalt, 9 inches of concrete and 2 inches of gravel base course at the surface. This was followed by loose sand up to 5.5 feet depth and loose sand and gravel up to 8.0 feet depth. This was underlain by medium stiff clay up to 10.0 feet. Boring was terminated at 10.0 feet depth.

Boring Church-SGB-02 encountered 3 inches of asphalt, 9 inches of concrete and 3 inches of gravel base course at the surface. This was followed by very stiff clay up to 3 feet and very stiff silty clay up to 8.0 feet. Below this was very stiff clay up to 10 feet. Boring was terminated at 10.0 feet depth.

Please refer to the attached boring logs for detailed soil stratification. In addition to the soil description, the borehole logs also indicate the Standard Penetration Blow Count Data (SPT-N), laboratory test results and groundwater information.

Ground Water Information

Observations for ground water were made during and immediately after the completion of drilling.

Borehole Church-SGB-01 encountered groundwater at 3.5 feet depth during drilling. No groundwater was observed during or upon completion in the borehole Church-SGB-02. As the boreholes were backfilled immediately after completion of drilling, long term water levels could not be obtained. Since the water levels were measured in a relatively short period of time, the measured groundwater levels may not represent true groundwater conditions. Generally, a change in color of soil from brown to gray indicates long term ground water levels. Fluctuations in water levels should be expected due to seasonal variations, precipitation and surface run-off.

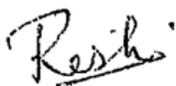
Closure

The analysis and recommendations submitted in this report are based upon the data obtained from the soil borings performed at the locations indicated on the location map. This report does not reflect any variations that may occur between boreholes. In performing subsurface explorations, specific information is obtained at specific locations at specific times. It is a well-known fact that variations in soil and rock conditions exist on most sites between borehole locations. Also, groundwater levels vary from time to time. The nature and extent of variations may not become evident until the course of construction. If variations then appear evident, it will be necessary for a re-evaluation of the findings of this report after performing on-site observations during the construction period and noting the characteristics of any variations.

We appreciate the opportunity to be of service to you. Should you need additional information or clarifications, please call us at (630) 754-8700.

Yours truly,

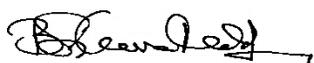
Interra, Inc.



Reshma Chirakkara, Ph.D.
Project Engineer



Ashok Guntaka, EI
Project Manager



Sanjeev Bandi, Ph.D., PE
Principal Engineer

2025 Water Main Improvement Projects
Church Street from McDaniel Avenue to Florence Avenue
INTERRA Project No. 9826
Date: 12/17/2024



Church-SGB-01

Church-SGB-02



APPENDIX D

PAVEMENT CORE REPORT

2025 Water Main Improvement Projects
Church Street from McDaniel Avenue to Florence Avenue
INTERRA Project No. 9826
Date: 12/17/2024



Church-PC-01

Church-PC-02



File No.:	9826	Project Name:	2025 Evanston Watermain Improvements, MFT Resurfacing, and SAA projects				
Client:	City of Evanston, 2100 Ridge Avenue, Evanston, IL 60201						
Core No.	Church-PC-01	Date Cored:	12/17/24	Cored By:	Geocon	Measured By:	Sponaugle
Core Location:	2285 Church (EB)						
Core Diameter (in):	3.7	Core Height (in):	12.4	Notes:			

Separation/debonding



Asphalt Surface - 2.8"

Concrete: 9.6"

Subbase - Subgrade:

2" crushed stone
brown fine sand

Form Name: Project Number Request Form
 Submission Time: December 16, 2025 10:10 am
 Browser: Chrome 143.0.0.0 / Windows
 IP Address: 50.171.242.186
 Unique ID: 1415183117
 Location: 41.9741, -87.8621

Project Number Request Form

Name	Bridget Nash
Department	Public Works Agency
Email	bnash@cityofevanston.org
Type of Request	BID
Project Name	2026 Church Street Water Main Improvements
Is requestor the project manager?	Yes
Budgeted Fund(s) Account Name	West Evanston TIF; Water Fund-Abated Bonds
Budgeted Fund(s) Account Number	335.99.5870.65515-426155; 510.40.7330.65515-426002
Budgeted Amount(s):	\$1,000,000; \$2,800,000
YTD Account Balance(s)	\$1,000,000; \$8,935,000
Carryover Amount (if applicable)	N/A
Is this a design bid that will involve a larger project down the road?	No
Anticipated Advertisement Date	Jan 15, 2026
Advertisement Methods	Pioneer Press
Anticipated Council Date	Mar 09, 2026

Cook County Prevailing Wage Rates posted on 12/15/2025

Trade Title	Rg	Type	C	Base	Foreman	Overtime					Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed
						M-F	Sa	Su	Hol	H/W						
ASBESTOS ABT-GEN	All	ALL		51.40	52.40	1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00
ASBESTOS ABT-MEC	All	BLD		42.02	45.38	1.5	1.5	2.0	2.0	16.44	16.64	0.00	0.92		3.37	6.73
BOILERMAKER	All	BLD		58.91	64.21	2.0	2.0	2.0	2.0	7.07	27.02	0.00	3.69	2.31	0.00	39.30
BRICK MASON	All	BLD		53.06	58.37	1.5	1.5	2.0	2.0	12.95	26.26	0.00	1.57	0.00	4.23	8.45
CARPENTER	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.26	2.61	1.04		0.00	0.00
CEMENT MASON	All	ALL		53.10	55.10	2.0	1.5	2.0	2.0	18.43	24.00	0.00	1.25		2.50	5.00
CERAMIC TILE FINISHER	All	BLD		49.09	49.09	1.5	1.5	2.0	2.0	13.25	17.61	0.00	1.37	0.00	5.57	11.14
CERAMIC TILE LAYER	All	BLD		57.04	62.04	1.5	1.5	2.0	2.0	13.25	21.60	0.00	1.50	0.00	7.63	15.26
COMMUNICATION ELECTRICIAN	All	BLD		51.14	56.25	1.5	1.5	2.0	2.0	16.70	14.48	1.40	1.27	0.10	0.00	0.00
CONCRETE SPECIALIST	All	BLD		51.81	58.21	1.5	1.5	2.0	2.0	12.95	27.56	0.00	1.57	0.00	4.88	9.75
CONCRETE SPECIALIST WELDER	All	BLD		54.40	58.21	1.5	1.5	2.0	2.0	12.95	27.56	0.00	1.57	0.00	4.88	9.75
ELECTRIC PWR EQMT OP	All	ALL		64.58	70.87	1.5	1.5	2.0	2.0	12.99	22.45	0.00	3.66	0.00	0.00	0.00
ELECTRIC PWR GRNDMAN	All	ALL		50.37	70.87	1.5	1.5	2.0	2.0	10.13	17.51	0.00	2.85	0.00	0.00	0.00
ELECTRIC PWR LINEMAN	All	ALL		64.58	70.87	1.5	1.5	2.0	2.0	12.99	22.45	0.00	3.66	0.00	0.00	0.00
ELECTRICIAN	All	ALL		57.75	63.53	1.5	1.5	2.0	2.0	19.34	21.13	1.60	1.87	0.30	0.00	0.00
ELEVATOR CONSTRUCTOR	All	BLD		70.68	79.52	2.0	2.0	2.0	2.0	16.28	21.36	5.65	0.80		0.00	0.00
FENCE ERECTOR	All	ALL		52.25	54.75	1.5	1.5	2.0	2.0	14.29	19.02	0.00	1.00	0.00	0.00	0.00
GLAZIER	All	BLD		53.55	55.05	1.5	2.0	2.0	2.0	16.04	26.64	0.00	2.30	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		56.02	59.38	1.5	1.5	2.0	2.0	16.44	19.88	0.00	0.92		4.99	9.97
IRON WORKER	All	ALL		62.46	65.96	2.0	2.0	2.0	2.0	19.05	27.04	0.00	0.49	0.00	0.00	0.00
LABORER	All	ALL		51.40	52.15	1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00
LATHER	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.26	2.61	1.04		0.00	0.00
MACHINIST	All	BLD		60.39	64.39	1.5	1.5	2.0	2.0	11.43	9.95	1.85	1.47	0.00	0.00	0.00
MARBLE FINISHER	All	ALL		40.21	54.60	1.5	1.5	2.0	2.0	12.95	23.81	0.00	0.98	0.00	3.00	6.00
MARBLE SETTER	All	BLD		52.00	57.20	1.5	1.5	2.0	2.0	12.95	25.57	0.00	1.25	0.00	3.88	7.76
MATERIAL TESTER I	All	ALL		41.40		1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00

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MATERIALS TESTER II	All	ALL		46.40		1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00
MILLWRIGHT	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.26	2.61	1.04		0.00	0.00
OPERATING ENGINEER	All	BLD	1	64.80	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	2	63.50	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	3	60.95	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	4	59.20	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	5	68.55	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	6	65.80	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	BLD	7	67.80	68.80	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	1	73.95	73.95	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	2	72.45	73.95	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	3	67.95	73.95	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	4	63.45	73.95	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	5	75.45	73.95	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	FLT	6	63.45	73.95	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	1	63.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	2	62.45	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	3	60.40	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	4	59.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	5	57.80	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	6	66.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
OPERATING ENGINEER	All	HWY	7	64.00	67.00	1.5	1.5	2.0	2.0	24.70	21.55	2.00	2.75		0.00	0.00
ORNAMENTAL IRON WORKER	All	ALL		59.26	62.76	2.0	2.0	2.0	2.0	14.86	27.70	0.00	2.25	0.00	0.00	0.00
PAINTER	All	ALL		54.30	61.09	1.5	1.5	1.5	2.0	16.26	17.59	0.00	1.86	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		46.76	52.53	1.5	1.5	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00	0.00
PILEDRIVER	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.26	2.61	1.04		0.00	0.00
PIPEFITTER	All	BLD		58.50	61.50	1.5	1.5	2.0	2.0	15.15	22.85	0.00	3.12	0.00	0.00	0.00
PLASTERER	All	BLD		51.10	54.17	1.5	1.5	2.0	2.0	18.43	22.10	0.00	1.25	0.00	0.00	0.00
PLUMBER	All	BLD		60.50	64.15	1.5	1.5	2.0	2.0	19.10	17.94	0.00	1.98		0.00	0.00

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ROOFER	All	BLD		52.00	57.00	1.5	1.5	2.0	2.0	12.80	18.19	0.00	1.14	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		54.58	58.95	1.5	1.5	2.0	2.0	15.88	28.92	0.00	1.20	0.00	0.00	0.00
SIGN HANGER	All	BLD		37.62	40.63	1.5	1.5	2.0	2.0	7.85	4.90	0.00	0.00	0.00	0.00	0.00
SPRINKLER FITTER	All	BLD		63.25	66.00	1.5	1.5	2.0	2.0	15.45	19.90	0.00	1.15	0.00	0.00	0.00
STEEL ERECTOR	All	ALL		62.46	65.96	2.0	2.0	2.0	2.0	19.05	27.04	0.00	0.49	0.00	0.00	0.00
STONE MASON	All	BLD		53.06	58.37	1.5	1.5	2.0	2.0	12.95	26.26	0.00	1.57	0.00	4.23	8.45
SURVEY WORKER	All	BLD		58.45	59.45	1.5	1.5	2.0	2.0	19.10	14.40	0.00	1.59		0.00	0.00
SURVEY WORKER	All	HWY		58.45	59.45	1.5	1.5	2.0	2.0	19.10	14.40	0.00	1.59		0.00	0.00
TERRAZZO FINISHER	All	BLD		51.44	51.44	1.5	1.5	2.0	2.0	13.25	18.87	0.00	1.41	0.00	4.45	8.89
TERRAZZO MECHANIC	All	BLD		55.35	58.85	1.5	1.5	2.0	2.0	13.25	20.26	0.00	1.46	0.00	4.70	9.39
TRAFFIC SAFETY WORKER I	All	HWY		43.40	45.40	1.5	1.5	2.0	2.0	10.08	10.08	0.00	1.05	0.00	0.00	0.00
TRAFFIC SAFETY WORKER II	ALL	HWY		44.40	46.40	1.5	1.5	2.0	2.0	10.08	10.08	0.00	1.05	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	1	45.55	46.20	1.5	1.5	2.0	2.0	13.35	16.09	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	2	45.80	46.20	1.5	1.5	2.0	2.0	13.35	16.09	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	3	46.00	46.20	1.5	1.5	2.0	2.0	13.35	16.09	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	4	46.20	46.20	1.5	1.5	2.0	2.0	13.35	16.09	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	1	44.83	45.38	1.5	1.5	2.0	2.0	12.20	16.61	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	2	44.98	45.38	1.5	1.5	2.0	2.0	12.20	16.61	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	3	45.18	45.38	1.5	1.5	2.0	2.0	12.20	16.61	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	4	45.38	45.38	1.5	1.5	2.0	2.0	12.20	16.61	0.00	0.30	0.00	0.00	0.00
TUCKPOINTER	All	BLD		52.53	53.53	1.5	1.5	2.0	2.0	11.05	23.16	0.00	1.46	0.00	0.00	0.00

Legend

Rg Region

Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

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H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations COOK COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date. ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

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Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under: Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-

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Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S

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Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

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Class 6. ROV Pilot, ROV Tender

SURVEY WORKER

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking.

SURVEY FOREMAN

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking; oversees survey crew operations; and/or coordinates work of survey crews.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY Worker I

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

TRAFFIC SAFETY WORKER II

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnpulls or Turntrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump

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Turntrailers or turnpulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

Cook County Prevailing Wage Rates posted on 12/15/2025

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By registering for a complimentary account with Euna OpenBids, you get Instant Access to bids for City of Evanston. Your free Euna OpenBids account provides:

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Type "City of Evanston" in the Search Box, select the agency, then click "Next" .

1 of 4: Choose your free agency

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York County Purchasing

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2 of 4: Refine Bid Notifications

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STEP 3

CHOOSE MORE NOTIFICATIONS

Click “Continue without Adding Subscriptions” to proceed to City of Evanston specifically. Or, if you’d like to get notifications when other governments near you post a relevant solicitation, you can select any combination of our county, state or national plans on this page.

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Now that you've chosen **Rock County** as your free agency, add more counties to grow your network of potential clients.

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STEP 4

COMPLETE YOUR PROFILE

Enter your contact and company information and Click “Finish Registration”. You’ll receive an email to set up your password.

You’re done!

4 of 4: Complete your profile

We've saved your selections. Now that you've set up your subscriptions on OpenBids, tell us a little bit more about yourself.

Your contact information

First Name

Last Name

Phone Number

Your company Information

Company Phone Number