



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	Water Main Replacement on Division Street		
Presenter & Title:	Bob Van Gyseghem, Superintendent of Water & Wastewater		
Date:	September 15, 2025		
Please Check Appropriate Box:			
<input checked="" type="checkbox"/>	Committee of the Whole Meeting	<input type="checkbox"/>	Special Committee of the Whole Meeting
<input checked="" type="checkbox"/>	City Council Meeting	<input type="checkbox"/>	Special City Council Meeting
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	Other -
Associated Strategic Plan Goal/Objective: QIS-III			
Estimated Cost: \$954,641.50	Budgeted?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Other Funding? <input type="checkbox"/> Yes <input type="checkbox"/> No
Executive Summary:			
<p>The FY26 budget includes funding for the replacement of the water main on Division Street from Rt. 25 to East Side Drive. Bids were advertised in the Daily Herald and the City website. Ten (10) bids were received with the low bid provided by Gerardi Sewer & Water in the amount of \$954,641.50. Staff recommends a 10% contingency be included in the overall not-to-exceed amount to account for any unforeseen field changes that may occur. Any field changes (Change Orders) must be approved by the City Administrator to be applied to the contingency. Project is expected to be completed by December 1, 2025.</p>			
Attachments: <i>(please list)</i>			
<ul style="list-style-type: none"> • Resolution • Bid Summary 			
Voting Requirements:			
<p><i>This motion requires a simple majority of affirmative votes for passage. (City Council Only)</i></p> <p><i>The Mayor may vote on three occasions: (a) when the vote of the alderpersons has resulted in a tie; (b) when one half of the alderpersons elected have voted in favor of an ordinance, resolution, or motion even though there is no tie vote; or (c) when a vote greater than a majority of the corporate authorities is required by state statute or local ordinance to adopt an ordinance, resolution, or motion.</i></p>			
Recommendation / Suggested Action: <i>(how the item should be listed on agenda)</i>			
<p>Recommend approval of a Resolution authorizing the City Administrator to enter into a contract with Gerardi Sewer & Water at a cost of \$954,641.50 and allow the City Administrator to approve up to \$95,464.15 in change orders for a total not-to-exceed amount of \$1,050,105.65</p>			

RESOLUTION NO. 2025-107

**RESOLUTION AUTHORIZING EXECUTION OF
Contract for Water Main Replacement on Division Street**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GENEVA, KANE COUNTY, ILLINOIS, as follows:

SECTION 1: That the City Administrator is hereby authorized to execute, on behalf of the City of Geneva, a contract with Gerardi Sewer & Water, related to water main replacement on Division Street in an amount not to exceed \$1,050,105.65.

SECTION 2: This Resolution shall become effective from and after its passage as in accordance with law.

PASSED by the City Council of the City of Geneva, Kane County, Illinois, this ____ day of _____, 2025

AYES: __ NAYS: __ ABSENT: __ ABSTAINING: __ HOLDING OFFICE: __

Approved by me this ____ day of _____, 2025.

Mayor

ATTEST:

City Clerk



City of Geneva
Summary of Bids

Name of Project: Division St. Water Main Replacement

Recorded By: Bob Van Gyseghem

Opened By: Heather Collins

Date/Time: 8-25-2025

Approved Engineer Estimate/ Budget : \$1,054,516.00

CONTRACTOR NAME	BID PRICE	BID BOND OF PRICE %	TYPE OF PAYMENT FOR BID BOND	REMARKS	ADDENDUM
Gerardi Sewer & Water	\$954,641.50	5%	BOND		
Blue Water Construction	\$987,654.32	5%	BOND		
Mauro Sewer Construction	\$1,068,478.00	5%	BOND		
A Lamp Concrete Contractors, Inc.	\$1,134,929.50	5%	BOND		
Trine Construction Corp.	\$1,256,561.00	5%	BOND		
Performance Cnstruction & Engineering, LLC	\$1,288,897.00	5%	BOND		
Winninger Excavating, Inc.	\$1,324,827.00	5%	BOND		
Martam Construction, Inc	\$1,361,325.00	5%	BOND		
D'Land Construction	\$1,693,485.00	5%	BOND		
Uno Construction Co. Inc.	\$1,842,107.00	5%	BOND		

AGREEMENT

THIS AGREEMENT is dated as the 18th day of September in the year **2025** by and between the **City of Geneva, Illinois** (hereinafter called OWNER), and **Gerardi Sewer & Water Co.** (hereinafter called CONTRACTOR).

OWNER and CONTRACTOR, in consideration of the mutual covenants hereinafter set forth, agree as follows:

Article 1. WORK

CONTRACTOR shall complete all WORK as specified or indicated in the Contract Documents. The proposed work includes installing new 8-inch ductile iron water main along Division Street; installing valves in vaults and fire hydrants; reconnecting residential water services; connecting to existing water main of various sizes; abandoning the existing water main in place; and restoring damaged asphalt, concrete, and turf areas.

Article 2. ENGINEER

The City of Geneva, Illinois (hereinafter called OWNER), will assume all duties and responsibilities and will have the rights and authority assigned to ENGINEER in the Contract Documents in connection with completion of the WORK in accordance with the Contract Documents.

Article 3. CONTRACT TIME

All WORK shall be substantially complete by November 7, 2025 as indicated in the Contract Documents. All work shall be at Final Completion and ready for Final Payment by November 26, 2025 unless prevented by weather conditions as indicated in the Contract Documents.

3.1 Liquidated Damages: OWNER and CONTRACTOR recognize that time is of the essence of this Agreement and that OWNER will suffer financial loss if the WORK is not completed within the time specified in Article 3 above. They also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by OWNER if the WORK is not completed on time. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty), CONTRACTOR shall pay OWNER according to Section 108 of the Illinois Department of Transportation's Standard Specifications for Road and Bridge Construction adopted January 1, 2022.

3.2 The contract time may be changed only by a change order. For each change order, CONTRACTOR shall submit to the OWNER for review, sufficient reason for delay to enable the OWNER to ascertain the necessity and reasonableness of the delay, and the allowability and eligibility of delay proposed.

Article 4. CONTRACT PRICE

OWNER shall pay CONTRACTOR for performance of the WORK in current funds at the contract unit prices. OWNER reserves the right to increase, decrease, or delete quantities and pay items as needed to complete the work or due to budgetary concerns. No adjustment in unit prices or additional compensation will be allowed due to an increase or decrease in contract quantities.

Article 5. PAYMENT PROCEDURES

Payment procedures will be as follows:

- 5.1 Pay requests shall be processed once per month. A draft copy of the pay request, as well as an updated project schedule, shall be submitted by the CONTRACTOR by the 20th of the month for review and approval by the ENGINEER. Approved pay requests will go on the bills list before City Council on the first Monday of the following month.
- 5.2 Contract retainage will be 10% of each pay request.
- 5.3 The first partial Waiver of Lien equivalent to the amount of the first pay request shall be submitted with the second pay request. Thereafter, each pay request shall be submitted with a partial Waiver of Lien for the cumulative amount of all previous payments. A final Waiver of Lien for all work shall be submitted before the final pay request is processed. Waivers of Lien shall be provided for all Subcontractors and material suppliers.

Article 6. CONTRACTOR'S REPRESENTATIONS

In order to induce OWNER to enter into this Agreement CONTRACTOR makes the following representation:

- 6.1 CONTRACTOR has familiarized himself with the nature and extent of the Contract Documents, WORK, locality, and with all local conditions and federal, state and local laws, ordinances, rules and regulations that in any manner may affect cost, progress or performance of the WORK.
- 6.2 CONTRACTOR has studied carefully all available reports of investigations and tests of subsurface and latent physical conditions at the site or otherwise affecting cost, progress or performance of the WORK which were relied upon by OWNER in the preparation of the Drawings and Specifications and which have been identified in the Supplementary Conditions.
- 6.3 CONTRACTOR has made or caused to be made examinations, investigations and tests and studies of such reports and related data in addition to those referred to in Paragraph 6.2 as he deems necessary for the performance of the WORK at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents; and no additional examinations, investigations, tests, reports or similar data are or will be required by CONTRACTOR for such purposes.
- 6.4 CONTRACTOR has correlated the results of all such observations, examinations, investigations, tests, reports and data with the terms and conditions of the Contract Documents.
- 6.5 CONTRACTOR has given OWNER written notice of all conflicts, errors or discrepancies that he has discovered in the Contract Documents and the written resolution thereof by OWNER is acceptable to CONTRACTOR.
- 6.6 CONTRACTOR warrants that no person or selling agency has been employed or retained to solicit or secure the contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee. For breach or violation of this warranty, the OWNER shall have the right to annul the contract without liability or in its discretion to deduct from the contract price or consideration, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee.
- 6.7 The award or execution of all subcontracts by a prime CONTRACTOR and the procurement and negotiation procedures used by such prime CONTRACTOR in awarding or executing such subcontracts shall comply with:
 - 6.7.1 All provisions of federal, State and local law,
 - 6.7.2 All provisions of Illinois Administrative Code Title 35 Section 365.620 with respect to fraud and other unlawful or corrupt practices;
 - 6.7.3 All provisions of Illinois Administrative Code Title 35 Section 365.620 with respect to access to facilities, records and audit or records; and

6.7.4 The provision requiring a certification of compliance with federal Executive Order 12549 regarding debarment, suspension and other responsibility matters.

6.8 CONTRACTOR shall not discriminate on the basis of race, color, national origin or sex in the performance of this contract. CONTRACTOR shall carry out applicable requirements of 40 CFR Part 33 in the award and administration of contracts. Failure by the CONTRACTOR to carry out these requirements is a material breach of this contract which may result in the termination of this contract or other legally available remedies.

Article 7. CONTRACT DOCUMENTS

The Contract Documents which comprise the entire agreement between OWNER and CONTRACTOR are attached to this Agreement, made a part hereof and consist of the following:

- 7.1 This Agreement
- 7.2 Contract, Payment and Performance Bonds
- 7.3 Notice of Award
- 7.4 Notice to Proceed
- 7.5 Formal Contract Proposal including Special Provisions
- 7.6 Addendum No. 1
- 7.7 Final Engineering Plans

There are no Contract Documents other than those listed above in this Article 7.

Article 8. MISCELLANEOUS

8.1 No assignment by a party hereto of any rights under or interests in the Contract Documents will be binding on another party hereto without the written consent of the party sought to be bound; and specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

8.2 OWNER and CONTRACTOR each binds himself, his partners, successors, assigns and legal representatives to the other party hereto, his partners, successors, assigns and legal representatives in respect to all covenants, agreements and obligations contained in the Contract Documents.

8.3 All claims, counter-claims, disputes and other matters in question between the OWNER and the CONTRACTOR arising out of, or relating to, this sub-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 of Illinois.

Article 9. OTHER PROVISIONS

IN WITNESS WHEREOF, the parties hereto have signed this Agreement in triplicate. One counterpart each has been delivered to OWNER and CONTRACTOR. All portions of the Contract Documents have been signed or identified by OWNER and CONTRACTOR.

This Agreement shall become effective on Sept. 18, 2025.

OWNER
City of Geneva, Illinois
by [Signature]
City Administrator

CONTRACTOR
by [Signature]

(Corporate Seal)

(Corporate Seal)

Attested

Attested

by Vicki Kellich, by June Lovell
City Clerk

by [Signature]



(Notary Seal)

Address for Giving Notices

Address for Giving Notices

City of Geneva
1800 South Street
Geneva, Illinois 60134

Gerardi Sewer & Water Co.
1785 Armitage Court
Addison, Illinois 60101

END 00500

RETURN WITH BID



Local Public Agency
Formal Contract Proposal

PROPOSAL SUBMITTED BY		
GERARDI Sewer & Water Co.		
Contractor's Name		
1785 Armitage Court		
Street		P.O. Box
Addison	Illinois	60101
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Kane

City of Geneva

(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. Division Street Water Main Replacement

SECTION NO. _____

TYPE OF FUNDS Local

SPECIFICATIONS (required)

PLANS (required)

For Municipal Projects Submitted/Approved/Passed		
<input type="checkbox"/> Mayor	<input type="checkbox"/> President of Board of Trustees	<input type="checkbox"/> Municipal Official
Date		

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed

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NOTICE TO BIDDERS

County KaneLocal Public Agency City of GenevaSection Number Division St WM Replacement

Route _____

Sealed proposals for the improvement described below will be received at the office of _____

City Administrator22 South First Street, Geneva, IL 60134

Address

until 10:00 AM

Time

on

August 25, 2025

Date

Sealed proposals will be opened and read publicly at the office of _____

City Administrator22 South First Street, Geneva, IL 60134

Address

at

10:00 AM

Time

on

August 25, 2025

Date

DESCRIPTION OF WORK

Name Division Street Water Main Replacement Length: 1950.0 feet (0.37 miles)Location Division Street - 2nd Place to East Side Drive

Proposed Improvement Installing new 8-inch ductile iron water main by open cut including valves in vaults and fire hydrants; reconnecting residential water services; connecting to existing water main of various sizes; abandoning existing water main in place; and restoring damaged asphalt, concrete, and turf areas.

1. Plans and proposal forms will be available on City of Geneva Website: www.geneva.il.usDirect questions to Brian Davids - City Engineer - 630-232-15012. Prequalification

If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and one original with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:

- a. BLR 12200: Local Public Agency Formal Contract Proposal
- b. BLR 12200a Schedule of Prices
- c. BLR 12230: Proposal Bid Bond (if applicable)
- d. BLR 12325: Apprenticeship or Training Program Certification (**do not use for federally funded project**)
- e. BLR 12326: Affidavit of Illinois Business Office

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filled prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

PROPOSAL

County Kane

Local Public Agency City of Geneva

Section Number Division St WM Replacement

Route _____

1. Proposal of GERARD'S SEWER & WATER CO.
1785 ARN. FAYE COURT ADDISON ILLINOIS 60101

for the improvement of the above section by the construction of Installing new 8-inch ductile iron water main by open cut including valves in vaults and fire hydrants, reconnecting residential water services, connecting to existing water main of various sizes, abandoning existing water main in place, restoring all damaged asphalt, concrete, and turf; and all other items necessary to complete the work.

a total distance of 1950 feet, of which a distance of 1950 feet, (0.37 miles) are to be improved.

2. The plans for the proposed work are those prepared by The City of Geneva and dated _____

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.

5. The undersigned agrees to complete the work within NA working days or by SEE SPECIAL PROVISIONS unless additional time is granted in accordance with the specifications.

6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for contract Proposals, will be required. Bid Bonds will be allowed as proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR12230 or a proposal guaranty check, complying with the specifications, made payable to:

City Treasurer of Geneva
The amount of the check is _____ (_____).

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number _____

8. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu therefore. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.

9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.

10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.

11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.

12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.



SCHEDULE OF PRICES

County Kane
 Local Public Agency City of Geneva
 Section Number Division St WM Replacement
 Route _____

Schedule for Multiple Bids

Combination Letter	Sections Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications)

Bidder's Proposal for making Entire Improvements

Item No.	Items	Unit	Quantity	Unit Price	Total
1	TREE PROTECTION	EACH	11	130.00	1430.00
2	TREE ROOT PRUNING	EACH	5	145.00	725.00
3	TRENCH BACKFILL	CU YD	2,500	1.00	2500.00
4	LANDSCAPE RESTORATION	SQ YD	1,000	15.00	15,000.00
5	TEMPORARY LANDSCAPE RESTORATION	SQ YD	1,000	1.00	1000.00
6	SUPPLEMENTAL WATERING	UNIT	10	25.00	250.00
7	INLET FILTERS	EACH	18	165.00	2970.00
8	ROCK EXCAVATION	CU YD	5	500.00	2500.00
9	FULL-DEPTH PAVEMENT PATCH, 6"	SQ YD	2,800	52.00	145,600.00
10	TEMPORARY PAVEMENT PATCH, 2"	SQ YD	2,800	6.00	16,800.00
11	HMA DRIVEWAY REMOVAL & REPLACE, 4"	SQ YD	60	21.00	1260.00
12	PCC DRIVEWAY REMOVAL & REPLACE, 7"	SQ YD	30	225.00	6750.00
13	CURB AND GUTTER REMOVAL AND REPLACE	FOOT	320	75.00	24,000.00
14	SIDEWALK REMOVAL AND REPLACEMENT	SQ FT	65	30.00	1950.00
15	DETECTABLE WARNINGS	SQ FT	10	45.00	450.00
16	DUCTILE IRON WATER MAIN, CLASS 52, 4"	FOOT	20	125.00	2500.00
17	DUCTILE IRON WATER MAIN, CLASS 52, 6"	FOOT	154	125.00	19,250.00
18	DUCTILE IRON WATER MAIN, CLASS 52, 8"	FOOT	2,230	175.00	390,250.00
19	8" X 8" DUCTILE IRON TEE	EACH	7	200.00	1400.00
20	8" X 6" DUCTILE IRON TEE	EACH	6	200.00	1200.00
21	8" X 6" DUCTILE IRON REDUCER	EACH	3	150.00	450.00
22	8" X 4" DUCTILE IRON REDUCER	EACH	4	150.00	600.00
23	8" DUCTILE IRON 45 DEGREE FITTING	EACH	38	100.00	3800.00
24	8" DUCTILE IRON 22.5 DEGREE FITTING	EACH	1	100.00	100.00
25	8" DUCTILE IRON 11.25 DEGREE FITTING	EACH	1	100.00	100.00
Subtotal					642,835.00

RETURN WITH BID

Item No.	Items	Unit	Quantity	Unit Price	Total
26	6" DUCTILE IRON 45 DEGREE FITTING	EACH	2	100.00	200.00
27	4" DUCTILE IRON 45 DEGREE FITTING	EACH	4	100.00	400.00
28	GATE VALVE, 8"	EACH	12	3000.00	36,000.00
29	VALVE VAULT, 4'	EACH	12	1800.00	21,600.00
30	VALVE BOX	EACH	1	1250.00	1250.00
31	FIRE HYDRANT	EACH	6	7500.00	45,000.00
32	WATER SERVICE CONNECTION	EACH	25	2200.00	55,000.00
33	CURB STOP	EACH	25	300.00	7500.00
34	DOMESTIC WATER SERVICE BOX	EACH	25	200.00	5000.00
35	WATER SERVICE LINE	FOOT	1,000	12.50	12,500.00
36	ABANDON EXISTING WATER VALVE	EACH	7	300.00	2100.00
37	REMOVE EXISTING FIRE HYDRANT	EACH	6	750.00	4500.00
38	CONNECT TO EX WM (NON-PRESSURE)	EACH	8	5000.00	40,000.00
39	CUT AND CAP WATER MAIN	EACH	7	100.00	700.00
40	ADJUST WATER SERVICE	FOOT	20	25.00	500.00
41	ADJUST SANITARY SERVICE	FOOT	25	80.00	2000.00
42	STORM SEWER, WMQ PIPE, 12"	FOOT	105	100.00	10,500.00
43	STORM SEWER, WMQ PIPE, 18"	FOOT	44	150.00	6600.00
44	ABANDON EXISTING STORM SEWER, CLSM	CU YD	2	150.00	300.00
45	MODIFIED URETHANE PAVT MARKING - 4"	FOOT	150	6.75	1012.50
46	MODIFIED URETHANE PAVT MARKING - 24"	FOOT	52	72.00	3744.00
47	MOBILIZATION	L SUM	1	43,500.00	43,500.00
48	CONSTRUCTION LAYOUT	L SUM	1	5000.00	5000.00
49	TRAFFIC CONTROL & PROTECTION	L SUM	1	5000.00	5000.00
50	PRE-CONSTRUCTION VIDEO TAPING	L SUM	1	1000.00	1000.00
51	CONTAMINATED WASTE DISPOSAL	CU YD	10	90.00	900.00
Bidder's Proposal for making Entire Improvements					954,641.50

CONTRACTOR CERTIFICATIONS

County Kane
 Local Public Agency City of Geneva
 Section Number Division St WM Replacement
 Route _____

The certifications herinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Make a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated ot guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporaton if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 55 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.

SIGNATURES

County Kane
 Local Public Agency City of Geneva
 Section Number Division St WM Replacement
 Route _____

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Insert Names and Addressed of All Partners

(If a corporation)

Corporate Name GERAZI, SERRA & WATKINS Co.

Signed By [Signature]
President

Business Address 1785 AZURA COURT
ADDISON ILLINOIS 60101

Insert Names of Officers

President FRANK GERAZI

Secretary JANE GERAZI

Treasurer FRANK GERAZI

Attest:

[Signature]
 Secretary

RETURN WITH BID

AFFIDAVIT OF EXPERIENCE

STATE OF IL)
COUNTY OF DuPage) SS

Frank Gerardi being duly sworn, that he is
President of Gerardi Sewer & Water Co
(Sole owner, member of firm, corporate official) (Individual, firm, or corporate name)

which has done work for the following parties of the general kind and approximate magnitude under this contract:

<u>Name of Owner</u>	<u>Job Description</u>	<u>\$ Amount</u>
<u>VILLAGE of MT Prospect</u>	<u>Watermain Replacement</u>	<u>5,130,461.91</u>
<u>CITY of Aurora</u>	<u>Watermain Replacement</u>	<u>1,263,639.75</u>
<u>VILLAGE of BARTLETT</u>	<u>Watermain Replacement</u>	<u>1,076,946.10</u>

and that Gerardi Sewer & Water Co owns or has available
(he, said firm, said corporation)
for immediate use on the proposed work the following plant and equipment:

<u>Machine</u>	<u>Year Built</u>	<u>Machine</u>	<u>Year Built</u>
<u>PC 170 Excavator</u>		<u>308 Caterpillar Excavator</u>	
<u>PC 138 Excavator</u>		<u>262 CAT Skidsteer</u>	
<u>544 SK Wheel Loader</u>		<u>310 JD Backhoe Loader</u>	

and that Frank Gerardi will be assigned to work
(Name of Superintendent)
under this contract, and that his experience in this kind of work is as follows:

<u>Name of Job</u>	<u>Engineer or Owner</u>
<u>VILLAGE of Rolling Meadows Watermain Replacement Project</u>	<u>Mike Howalski</u> 773-355-2954
<u>VILLAGE of Stone Park 22nd Watermain & ST Rehab. Project</u>	<u>WILL ULEWICZ</u> 608-921-7904
<u>VILLAGE of Justice 79TH Ct Watermain Replacement</u>	<u>Steve Kaminiski</u> 847-812-5950

Signature: [Handwritten Signature]

Subscribed and sworn to before me this 21st day of August 2025.

Mary Ann Alfano
Notary Public



RETURN WITH BID

The undersigned, as a duly-authorized representative of the Bidder do hereby certifies to the City of Geneva, Kane County, Illinois, that the bidder is not barred from bidding upon the Bid Specifications for the Project known as

Division Street Water Main Replacement

as a result of a violation of either Section 33E-3 or 33E-4 of Chapter 38, Illinois Revised Statutes, 1987 (As Amended).

All laborers, mechanics and any other workers employed in this Public Work contract, weather employed by the Contractor or any Sub-Contractors, shall be paid in accordance with the prevailing wages accepted and approved by The City of Geneva as attached to the Project Specification.



NAME

GERAKSI Sewa & Watalo.
COMPANY

8/20/2025
DATE

RETURN WITH BID

CERTIFICATION OF COMPLIANCE WITH SECTION 11-42.1-1
OF THE ILLINOIS MUNICIPAL CODE

The undersigned, upon first being duly sworn, hereby certifies to the City of Geneva, Kane County, Illinois, that

GERARDI Sewer's Water Co. (Contractor) is not currently delinquent in the payment of any tax administrated by or owed to the Illinois Department of Revenue, or otherwise in default upon any such tax as defined under Chapter 24, Section 11-42.1 Illinois Revised Statutes.

GERARDI Sewer's Water Co.

CONTRACTOR'S NAME

BY: [Signature]

(TITLE)

Subscribed and sworn before me this 20TH

Day of AUGUST, 2025

Mary Ann Alfano

Notary Public



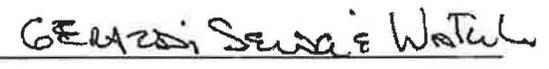
RETURN WITH BID

CERTIFICATION FOR DRUG FREE WORK PLACE

The undersigned, as a duly-authorized representative of the Contractor do hereby certifies to the City of Geneva, Kane County, Illinois, that the Contractor ensures that he/she will operate a work environment which is free of any and all illegal drugs in accordance with the Drug Free Workplace Act of January, 1992. In addition, any prescribed drugs that will impair an employee's judgement or ability to work safely should not be allowed on the work site or on any satellite location.



NAME



COMPANY

8/20/2025

DATE



Local Public Agency City of Geneva	County Kane	Section Number DIVISION ST WM
---------------------------------------	----------------	----------------------------------

WE, Gerardi Sewer & Water Co., 1785 W Armitage Court, Addison, IL 60101 as PRINCIPAL, and

Swiss Re Corporate Solutions America Insurance Corporation 1200 Main St., Suite 800, Kansas City, MO 64105 as SURETY, are held jointly, severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LPA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LPA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 25th of August, 2025
Day Month and Year

Principal

Company Name
Gerardi Sewer & Water Co.

Signature & Date
By: *Frank Gerardi* 08/25/2025

Title
Frank Gerardi, President

Company Name

Signature & Date
By:

Title

(If Principal is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

Name of Surety
Swiss Re Corporate Solutions America Insurance Corporation

Signature of Attorney-in-Fact Signature & Date
By: *Rachel E. Hernandez* 08/25/2025
Rachel E. Hernandez

STATE OF IL
COUNTY OF

I Mary Ann Alfano, a Notary Public in and for said county do hereby certify that
Frank Gerardi

(Insert names of individuals signing on behalf of PRINCIPAL ~~XXXXXX~~ SURETY ~~XXXXXX~~)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL ~~XXXXXX~~, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 25th day of August, 2025
Day Month and Year

(SEAL, if required by the LPA)

Notary Public Signature & Date
Mary Ann Alfano 8/20/2025
Date commission expires 6/20/2027



Local Public Agency

County

Section Number

City of Geneva

Kane

DIVISION ST WM

ELECTRONIC BID BOND

Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LPA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

Grid for Electronic Bid Bond ID Code

Company/Bidder Name

Field for Company/Bidder Name

Signature & Date

Field for Signature & Date

Title

Field for Title

ss

STATE OF ILLINOIS

COUNTY OF DuPage

I, Ann Marie Waters Notary Public of Cook County, in the State of Illinois do hereby certify that Rachel E. Hernandez Attorney-in-Fact, of the Swiss Re Corporate Solutions America Insurance Corporation who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that she signed, sealed and delivered said instrument, for and on behalf of the Swiss Re Corporate Solutions America Insurance Corporation for the used and purposes therein set forth.

Given under my hand and notarial seal at my office in the City of Naperville in said County, this 25th day of August A.D., 2025.

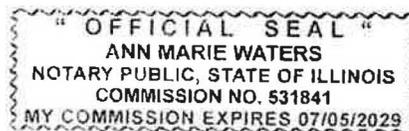
Ann Marie Waters

(Notary Public)

Ann Marie Waters

My Commission expires: 07/05/2029

Notary Seal:



SWISS RE CORPORATE SOLUTIONS

SWISS RE CORPORATE SOLUTIONS AMERICA INSURANCE CORPORATION ("SRCSAIC")
SWISS RE CORPORATE SOLUTIONS PREMIER INSURANCE CORPORATION ("SRCSPIC")
WESTPORT INSURANCE CORPORATION ("WIC")

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT SRCSAIC, a corporation duly organized and existing under laws of the State of Missouri, and having its principal office in the City of Kansas City, Missouri, and SRCSPIC, a corporation organized and existing under the laws of the State of Missouri and having its principal office in the City of Kansas City, Missouri, and WIC, organized under the laws of the State of Missouri, and having its principal office in the City of Kansas City, Missouri, each does hereby make, constitute and appoint:

WILLIAM CAHILL, KIMBERLY SAWICKI, ANN MARIE WATERS, KIMBERLY R. HOLMES, KAREN A. RYAN, RICHARD A. FREEBOURN,
RACHEL E. HERNANDEZ and BRENT R. WAGNER

JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

FIFTY MILLION (\$50,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both SRCSAIC and SRCSPIC at meetings duly called and held on the 18th of November 2021 and WIC by written consent of its Executive Committee dated July 18, 2011.

"RESOLVED, that any two of the President, any Managing Director, any Senior Vice President, any Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is, authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Corporation bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Corporation; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Corporation may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Corporation when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached."



By Erik Janssens, Senior Vice President of SRCSAIC & Senior Vice President of SRCSPIC & Senior Vice President of WIC

By Gerald Jagrowski, Vice President of SRCSAIC & Vice President of SRCSPIC & Vice President of WIC



IN WITNESS WHEREOF, SRCSAIC, SRCSPIC, and WIC have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers

this 26TH day of JANUARY, 20 23

State of Illinois
County of Cook

Swiss Re Corporate Solutions America Insurance Corporation
Swiss Re Corporate Solutions Premier Insurance Corporation
Westport Insurance Corporation

On this 26TH day of JANUARY, 20 23, before me, a Notary Public personally appeared Erik Janssens, Senior Vice President of SRCSAIC and Senior Vice President of SRCSPIC and Senior Vice President of WIC and Gerald Jagrowski, Vice President of SRCSAIC and Vice President of SRCSPIC and Vice President of WIC, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



Christina Manisco, Notary

I, Jeffrey Goldberg, the duly elected Senior Vice President and Assistant Secretary of SRCSAIC and SRCSPIC and WIC, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said SRCSAIC and SRCSPIC and WIC, which is still in full force and effect. IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 25th day of August, 20 25.

Jeffrey Goldberg, Senior Vice President & Assistant Secretary of SRCSAIC and SRCSPIC and WIC

CITY OF GENEVA
DIVISION STREET WATER MAIN REPLACEMENT
BID DATE: August 25, 2025

ADDENDUM NO. 1

DATE: August 20, 2025

THIS ADDENDUM MODIFIES OR CLARIFIES ITEMS IN THE BIDDING DOCUMENTS

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I. QUESTIONS FROM BIDDERS.

I. QUESTIONS FROM BIDDERS NOT COVERED ELSEWHERE

1. **Question:** The plans show the water service line going up to the homes. Is that the way the project will be built or do we stop in the parkway and connect to existing service there?

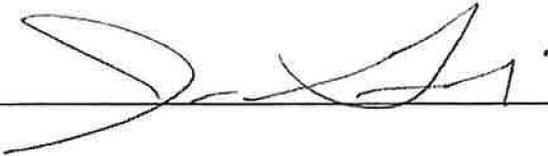
Answer: The installation of the water service will be from the connection to the new water main to the existing b-box.

2. **Question:** The plan quantities have 25 water services, but there are more houses than that on the plans. Is 25 the correct number of water services for this project?

Answer: There are 26 water services. Division Street is the diving line between Geneva and St. Charles. Homes on the north side of Division Street are in St. Charles and not part of this project. **To avoid discrepancies or confusion, the line items in the bid schedule will remain at 25 for bidding purposes.**

Please acknowledge receipt of this addendum by filling in the company name and sign. Include this page with the bid.

COMPANY NAME: GERAZZI Sewer & Water Co.

SIGNATURE OF COMPANY REPRESENTATIVE: 

END OF SECTION

INSTRUCTIONS TO BIDDERS

The successful Bidder shall submit a Contract Bond to the City of Geneva from a surety company authorized to do business in the State of Illinois and a copy of his/her insurance policy listing the City of Geneva as an additional insured.

If any Bidder is in doubt as to the true meaning of any part of the specifications, or other contract documents, he may submit to the Superintendent of Water and Wastewater a written request for an interpretation. The Superintendent of Water and Wastewater will give an interpretation of the matter in question by issuing an "Addenda". The Superintendent of Water and Wastewater will not respond to written requests for interpretation that are received less than 5 business days before the bid opening.

No work shall begin until the Contractor receives the Notice to Proceed (NTP). The Contractor may begin work immediately upon receipt of the NTP but no later than 7 calendar days thereafter.

Bids, which are not signed by individuals making them, should have attached thereto a power of attorney evidencing authority to sign the bid on behalf of the person for whom it is signed.

Bids which are signed for a partnership should be signed by all of the partners or by an attorney-in-fact. If signed by an attorney-in-fact, there should be attached to the bid a power of attorney evidencing authority to sign the bid, executed by the partners.

Bids which are signed for a corporation should give the correct corporate name thereof and the signature of the president or other authorized officer of the corporation manually written below the corporate name following the word "By_____". If such a bid is manually signed by an official other than the president of the corporation, a certified copy of a resolution of the board of directors evidencing the authority of such official to sign the bid should be attached to it. Such a bid should also bear the attesting signature of the secretary of the corporation and the impression of the corporate seal.

The quantities appearing in the schedule of prices are approximate and are prepared for comparison of bids. Payment will be made only for the actual quantities of work performed and accepted for payment and/or for materials measured in place according to this contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

Submission of a bid is conclusive assurance and warranty that the Bidder has examined the materials, visited the site and understands all requirements for the performance of the work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The City will, not be responsible for any additional cost, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

Bidders shall not take advantage of any errors or omissions in the proposal and advertised contract.

Any errors discovered in the bids received shall be corrected using the unit price submitted. The contract will be awarded after these adjustments are made.

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SPECIAL PROVISIONS

PART 1 - GENERAL SPECIAL PROVISIONS

The following Special Provisions supplement the “Standard Specifications for Road and Bridge Construction” (SSRB), adopted **January 1, 2022**, the latest edition of the “Manual on Uniform Traffic Control Devices for Streets and Highways” (MUTCD), the latest edition of the “Standard Specifications for Water and Sewer Construction in Illinois” (SSWS), and the “Manual of Test Procedures for Materials” in effect on the date of invitation for bids. In addition, the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein, which apply to and govern the construction of this section, will serve as reference. In case of conflict with any part or parts of said Specifications, these Special Provisions shall take precedence and shall govern.

LOCATION OF PROJECT

The project is located in the City of Geneva (City) in Kane County, Illinois. The project limits include Division Street from N Bennett Street (IL Route 25) to East Side Drive.

DESCRIPTION OF PROJECT

The proposed improvements consist of installing new 8-inch water main approximately nine feet north of the south edge of pavement of Division Street; replacing existing sewers with water main quality pipe at proposed water main crossings to meet IEPA requirements; reconnecting existing residential services; abandoning existing water main of various sizes in place; installing fire hydrants, valves, and other appurtenances; restoring all damaged concrete, asphalt, and turf; and all other required and incidental items necessary to complete the work. Records show that all existing water services are copper.

TIME SCHEDULE AND LIQUIDATED DAMAGES

1. Important Dates:

Bid Opening	August 25, 2025	10:00AM @ City Hall
Council of the Whole	September 2, 2025	
City Council Award	September 15, 2025	
Notice of Award	TBD	
Preconstruction Meeting	TBD	@ Geneva Public Works
Notice to proceed	TBD	
Substantial Completion	November 7, 2025	All utility work completed
Final Completion	November 26, 2025	Site stabilized

When a completion date is specified, it is understood that time is of the essence and that completion of the work by that date is an essential part of the contract. The Contractor’s plea that insufficient time was specified is not a valid reason for extension of time. **Failure to complete any necessary work by the specified completion date listed above will result in liquidated damages according to Section 108 of the SSRB.**

2. Working Hours

The allowable working hours per City ordinance are as follows:

7:00 A.M. to 5:00 P.M. Monday through Friday – Work may continue after 5:00 P.M. in emergency situations as approved by the Engineer. Equipment shall not be started prior to 7:00 A.M.

8:00 A.M. - 4:00 P.M. Saturday – Work on Saturdays will be allowed as approved by the City with a minimum of 48 hours advance notice.

3. Liquidated Damages

Liquidated damages per Article 108.09 of the SSRB shall be paid by the Contractor to the Owner if the substantial completion and/or final completion dates are not met.

COMPLETION DATE

Substantial completion shall be achieved by November 7, 2025. Substantial completion includes all work with the exception of restoration items and punchlist items.

Final project completion shall be achieved by November 26, 2025. Final completion shall include the completion of all restoration and punchlist items. If weather conditions do not allow for final restoration of landscaping and/or pavement items, these items shall be temporarily restored per the TEMPORARY LANDSCAPE RESTORATION and TEMPORARY PAVEMENT PATCH, 2" Special Provisions and shall be maintained by the Contractor until such time as final restoration can be achieved. The City will hold retainage until final pavement restoration has been approved and final turf restoration has established.

BONDS

Bid Bond: A 5% Bid Bond is required.

Contract Bond: A Contract Bond in the amount of 100% of the awarded contract price is required.

Maintenance Bond: From the date of final payment to the Contractor, the City shall have a one-year warranty on all work done under this contract. The Contractor shall secure a Maintenance Bond of 10% of the awarded contract price for this purpose. No additional compensation will be allowed to secure this bond nor for any contract item that needs to be remediated during this one-year warranty period.

CONTRACTOR RESPONSIBILITIES

The Contractor shall use an adequate number of workmen who are thoroughly trained and experienced in the necessary crafts and are completely familiar with the specified requirements and methods necessary for proper performance of this work. The Contractor is responsible for all aspects of ordering, delivering, storing, and handling of materials, supplies, and equipment necessary for the work.

PRECONSTRUCTION CONFERENCE

Following the award of the contract and before the commencement of any work, the Contractor shall attend a Preconstruction Conference at a location of the City's choosing at which time the Contractor shall submit and discuss the following:

1. Proposed work schedule and start date
2. Requirements of the Notice to Proceed
3. Shop drawings, cut sheets, and proposed materials to be used on the contract
4. The names of the Project Manager and the Field Superintendent, including the phone number of at least one responsible individual who can be reached 24 hours a day
5. Names of proposed Subcontractors and material suppliers
6. Methods for protection and maintenance of the existing pavement, concrete, trees, and other items

INSPECTION

The Contractor shall conduct his work in full cooperation with the Engineer. The Engineer must be notified for inspection prior to the placement of any materials. Any materials placed before inspection by the Engineer will be deemed unacceptable and no compensation will be allowed.

Regular progress meetings may be held between the Contractor, the Engineer, and the City at the direction of the Engineer. Progress meetings may be held onsite or at the City of Geneva Public Works Department (Public Works). The Engineer will give the Contractor a minimum of 48 hours notice when scheduling progress meetings. The Contractor shall be prepared to discuss work completed and future work planned at said progress meetings.

Work on this project is not subject to partial inspection and acceptance. The entire work shall be made in a neat and workmanlike manner and all requirements shall be complied with in detail. The fact that some particular part or portion of the work may have been previously inspected, cleaned, and set in order will not excuse the Contractor from again cleaning any and all portions of the project. The entire system of work shall be in proper condition and subject to final inspection by the Engineer and the City.

INCIDENTAL CONSTRUCTION

The Contractor shall perform all work indicated or implied in the Contract Documents including work not explicitly specified but required to complete the project in a workmanlike manner. The cost of this work shall be included in the contract and no additional compensation will be allowed.

ADJUSTMENT OF QUANTITIES OR PAY ITEMS

The City reserves the right to increase, decrease, or delete quantities and pay items as needed to complete the work or due to budgetary concerns. No adjustment in unit prices or additional compensation will be allowed due to an increase or decrease in contract quantities.

PAYMENT

The work done will be paid for at the contract unit prices.

1. Pay Requests
Pay requests shall be processed once per month. A draft copy of the pay request, as well as an updated project schedule, shall be submitted by the 20th of the month for review and approval by the Engineer. Pay requests that are submitted without an updated project schedule will not be reviewed or processed. Approved pay requests will go on the bills list before City Council on the first Monday of the following month and checks will be processed the following Friday.
2. Retainage
Contract retainage will be 10% of each pay request. Retainage may be reduced at the discretion of the Engineer.
3. Waiver of Lien
The first partial Waiver of Lien equivalent to the amount of the first pay request shall be submitted with the second pay request. Thereafter each pay request shall be submitted with a partial Waiver of Lien for the cumulative amount of all previous payments. A final Waiver of Lien for all work shall be submitted before the final pay request is processed. Waivers of Lien shall be provided for all Subcontractors and material suppliers.

TAXES

Unit prices bid herein shall include all applicable taxes. If requested, the City will provide the Contractor's suppliers with the City's tax-exempt information to purchase materials and services for this project.

SUBCONTRACTORS

The City reserves the right to approve or reject any or all Subcontractors working under this contract.

PREVAILING WAGES

As set forth in the Prevailing Wage Act (Ill. Rev. Stat. Ch. 48, Section 39s-1 through 39s-12), the general prevailing rate of wages in the locality for each craft or type of worker or mechanic needed to execute the contract or perform such work, and also the general prevailing rate of wage for legal holiday and overtime work, as ascertained by the public body or by the Department of Labor, shall be paid for each craft or type of worker needed to execute the contract or to perform such work, and it shall be mandatory upon the Contractor to whom the contract is awarded and upon any Subcontractor under him, and where the public body performs the work, upon the public body, to pay not less than the specified rates to all laborers, workers, and mechanics employed by them in the execution of the contract or such work.

The Contractor and each Subcontractor shall keep or cause to be kept an accurate record showing the names and occupation of all laborers, workers, and mechanics employed by them in connection with said public work and showing also the actual hourly wages paid to each of such persons, which record shall be open at all reasonable hours to the inspection of the public body awarding the contract, its officers and agents, and to the Director of Labor and his deputies and agents, and which record shall be submitted as required to the Department of Labor and the City.

FREEDOM OF INFORMATION ACT

The Contractor acknowledges that the Freedom of Information Act, 5 ILCS 140/1 et seq. (the "Act") places an obligation on the City of Geneva to produce certain records that may be in the possession of the Contractor. The Contractor shall comply with the record retention and documentation requirements of the Local Records Retention Act 5 ILCS 160/1 et seq. and the Act and shall maintain all records relating to this contract in compliance with the Local Records Retention Act and the Act (complying in all respects as if the Contractor was, in fact, the City).

Upon notice from the City, the Contractor shall review its records promptly and produce to the City within two business days of said notice from the City the required documents which are responsive to a request under the Act. If additional time is necessary to comply with the request, the Contractor may request that the City extend the time to do so, and the City will, if time and a basis for extension under the Act permits, consider such extensions. In the event that the Contractor fails to produce the requested records or fails to produce the requested records within the time period required above and the City is assessed a fine, fee or penalty for failure to comply in a timely manner with the Act due to the Contractor's actions, the Contractor shall reimburse the City for all fines, fee or penalties, including reasonable attorney's fees, paid by the City.

INSURANCE

The Contractor shall indemnify and save harmless the City of Geneva, their officers, agents, employees against all loss, damage or expense that it or they may sustain as a result of any suits, actions or claims of any character brought on account of property damage, injury to or death of any person or persons, including all persons performing any work under the Contract, which may arise on connection with the work to be performed under this Contract. This Contract is not intended by any of the Provisions of any part of the Contract to create the public or any member thereof a third party beneficiary, or to authorize any one not a party to this Contract to maintain a suit for personal injuries or property damage pursuant to the terms of Provisions of this Contract. The duties, obligations and responsibilities of the parties to this Contract with respect to third parties shall remain as imposed by law.

An ACORD Certificate of liability insurance policy equal to or greater than \$5,000,000 aggregate is required. The total coverage must add up to \$5,000,000 coverage. The following language shall be included on the certificate: *The City and its elected and appointed officers, officials, agents, and employees are included as additional insureds.*

The Contractor, prior to execution of the Contract, shall file with the Owner copies of completed certificates of insurance, satisfactory to the City of Geneva to afford protection against all claims for damages to public or private property, and injuries to persons, arising out of and during the progress of the work to its completion.

Contractor shall purchase and maintain such liability and other insurance as is appropriate for the work being performed and furnished and as will provide protection from claims set forth below which may arise out of or result from contractor's performance and furnishing of the work and contractors other obligations under the Contract Documents, whether performed or furnished by the Contractor or by any subcontractor, or supplier, by anyone directly or indirectly employed by any item to perform or furnish any of the work, or by anyone for whose acts any of them may be liable, and shall name City of Geneva as named as additional insured.

1. Worker's Compensation Insurance in accordance with the laws of the State of Illinois, but not less than:
 - a. \$500,000 each accident
 - b. \$500,000 each employee
 - c. \$500,000 policy limit
2. Commercial Automobile
 - a. Bodily Injury per Person - \$1,000,000
 - b. Bodily Injury per Occurrence- \$1,000,000
 - c. Property Damage per Occurrence-\$1,000,000
3. Commercial General Liability
 - a. Combined Single Limit \$1,000,000 for bodily injury and property damage.
 - b. General aggregate \$2,000,000
4. Umbrella Liability Policy
 - a. Bodily Injury and Property Damage per Occurrence-\$2,000,000 aggregate

All such insurance must include an endorsement whereby the insurer agrees to notify the City of Geneva at least thirty (30) days prior to non-renewal, or cancellation. The Contractor shall cease operations on the project if the insurance is canceled or reduced below the required amount of coverage. All costs for insurance as specified herein will not be paid for separately, but shall be considered included in the price of the Contract.

UTILITIES

The Contractor shall call JULIE at 1-800-892-0123 or 811 before work begins on this project. The locations and sizes of existing utilities as shown on the plans are for information only. The actual locations and sizes may vary from that shown. It is the Contractor's responsibility to determine exact utility locations and sizes. No additional compensation will be allowed for variations in utility locations or sizes or for the labor, materials, or equipment necessary for the Contractor to determine the location or size of an existing utility.

The Contractor shall cooperate with the City and all utility owners within the project limits according to Article 105.07 if and when utility protection, adjustments, or relocations are necessary.

PROTECTION OF PUBLIC AND PRIVATE PROPERTY

The Contractor shall exercise reasonable care to protect all existing features in the public right-of-way (ROW) and on private property which will remain in place including landscaping, fences, sprinkler systems, drain lines, power lines, and any other public or private property. Special care shall be taken when saw cutting curb and sidewalk so that sprinkler systems and invisible dog fences are not damaged in the process. These items may be buried along the edges of sidewalks and behind curbs in the ROW.

Any item that is not indicated to be disturbed on the plans and that is damaged by the Contractor or damaged due to the Contractor's negligence on private property or in the ROW shall be repaired or replaced in kind by the Contractor at their expense as directed by the Engineer.

Excavations and trenches shall be protected at all times during the progress of work with adequate barricades or safety fencing as determined by the Engineer. The Contractor shall not leave any trenches or excavations open overnight. Trenches and excavations shall be completely backfilled or shall be covered with suitable steel plates at the end of each working day to the satisfaction of the Engineer.

WORKSITE MAINTENANCE AND CLEANUP

The Contractor shall be responsible for maintaining the job site free of any debris and deleterious material. The equipment and material needed to complete the work shall be maintained in an orderly manner. At no time shall the Contractor store material and equipment in areas other than those specified by the Engineer. The Contractor shall remove all surplus material and debris from the work area on a daily basis as the work progresses so that there is a minimum disruption to public property. Failure to maintain a clean job site may result in completion of the cleanup work by the City at the Contractor's expense. Actual costs incurred by the City for performing this work shall be deducted from the monies due the Contractor.

MAINTENANCE OF ROADWAYS

Beginning on the date when the Contractor begins work on this project, he shall maintain all roadways within the construction limits free of debris and dirt. This roadway maintenance shall include the repair of all damages caused by the Contractor but shall not include snow or ice removal. All paved areas shall be broom swept at the end of each working day to the satisfaction of the Engineer. If the Contractor is not able to maintain the roadway to the satisfaction of the Engineer, they will be required to use a mechanical street sweeper. Dust may be controlled by the uniform application of sprinkled water as approved by the Engineer.

This work will not be paid for separately, but shall be included in the cost of the contract.

DRIVEWAY AND PARKING LOT ACCESS

Convenient access to driveways, parking lots, houses, and buildings along the improvement shall be maintained by the Contractor at all times unless otherwise approved by the Engineer. If approved work will disrupt access to a driveway, entrance, or parking lot, the Contractor shall notify the resident or business a minimum of 24 hours before access is affected. If the affected resident or business requires access or has mobility issues, the Contractor shall provide temporary access or accommodate them as directed by the Engineer.

VANDALIZED OR DAMAGED ITEMS

The Contractor shall be responsible for protecting against and repairing or replacing work items that were vandalized or defaced. Removal and replacement of the item to the nearest construction joint will be required. No additional compensation will be allowed for replacing vandalized or defaced items.

RESTROOM FACILITIES

The Contractor is responsible for providing and maintaining restroom facilities for its employees, subcontractors, and all other parties related to the project in accordance with Article 107.08 of the SSRB. Facilities shall be placed within the ROW at locations approved by the Engineer.

USE OF CITY WATER

The Contractor has the option to use City of Geneva water for this project at no charge. All City water used as part of this project shall be obtained by the Contractor from the designated fire hydrant at the City of Geneva Public Works Department. The Contractor shall record the meter reading before and after filling up. Use of City water from any other location will not be allowed.

The Contractor or Subcontractor may truck in water at their own expense for use on this project; however, if water is trucked in, the source of the water shall be disclosed and verified by the Engineer.

REMOVAL OF EXISTING ITEMS

Existing bituminous or concrete items to be removed, including roadways, driveways, entrances, sidewalks, paths, parking lots, and curb and gutter, shall be sawcut in order to separate that portion to be removed from that

which will remain. This work shall be performed at all locations where the proposed improvement will meet existing conditions and as indicated on the plans or directed by the Engineer. Wherever removal is specified in any work item, the disposal of the same shall be included in the unit price.

The Contractor will be required to saw a vertical cut in the existing pavement in order to form a clean vertical joint. The depth of the cut shall be the thickness of the pavement material. Should the Contractor deface the edge, a new sawed joint shall be constructed and any additional work, including removal and replacement, shall be done at the Contractor's expense. Masonry items which require removal shall not be sawcut, but shall be removed to the extent necessary and stacked in a neat manner at a safe location by the Contractor.

This work will not be paid for separately, but shall be included in the cost of the item which requires the removal of existing pavement.

CONTRACTOR NOTIFICATION REQUIREMENTS

Residents Adjacent to Water Main Work. The Contractor shall distribute a notification of work and IEPA Lead Service Notification to all impacted parcels at least 14 days prior to the start of any water main construction. Documentation of contact shall be provided to the Engineer. This work will not be paid for separately, but shall be included in the cost of the contract.

Local Waste Collection Services. The Contractor shall coordinate activities with LRS, Inc. (844-633-3577) if there is a potential interruption of waste collection services. In the case that a resident's ability to place their refuse and recycling bins at the roadside is disrupted due to the Contractor's work, the Contractor shall coordinate and assist the resident as necessary to place such bins at the nearest available roadside location to allow for pickup. This work will not be paid for separately, but shall be included in the cost of the contract.

School Transportation Services. The Contractor shall coordinate activities with Geneva School District 304 if there is a potential interruption of student transportation services. The School Transportation Office shall be notified 24 hours in advance of interruptions at 630-463-3004. The Contractor shall make all necessary accommodations for special needs students who are picked up directly from their residence. This work will not be paid for separately, but shall be included in the cost of the contract.

CONCRETE WASHOUT FACILITY

The Contractor shall take sufficient precautions to prevent pollution of streams, lakes, reservoirs, and wetlands with fuels, oils, bitumens, calcium chloride, or other harmful materials according to Article 107.23 of the SSRB.

To prevent pollution by residual concrete and/or the by-product of washing out the concrete trucks, concrete washout facilities shall be constructed and maintained on any project which includes cast-in-place concrete items. The concrete washout shall be constructed, maintained, and removed according to this special provision. The concrete washout facility shall be constructed on the job site in accordance with Illinois Urban Manual practice standard for Temporary Concrete Washout Facility (Code 954). The Contractor may elect to use a pre-fabricated portable concrete washout structure. The Contractor shall submit a plan for the concrete washout facility to the Engineer for approval a minimum of 10 calendar days before the first concrete pour. The working concrete washout facility shall be in place before any delivery of concrete to the site. The Contractor shall ensure that all concrete washout activities are limited to the designated area.

The concrete washout facility shall be located no closer than 50 feet from any environmentally sensitive areas, such as water bodies, wetlands, and/or other areas indicated on the plans. Adequate signage shall be placed at the washout facility and elsewhere as necessary to clearly indicate the location of the concrete washout facility to the operators of concrete trucks. The concrete washout facility shall also be located no closer than 50 feet from any drainage structure. All drainage structures within the project limits shall have protection implemented prior to work commencing. This protection shall be paid for separately as INLET FILTERS. Washout into drainage structures or into the street or curb and gutter is prohibited.

The concrete washout facility shall be adequately sized to fully contain the concrete washout needs of the project.

The contents of the concrete washout facility shall not exceed 75% of the facility capacity. Once the 75% capacity is reached, concrete placement shall be discontinued until the facility is cleaned out. Hardened concrete shall be removed and properly disposed of outside the ROW. Slurry shall be allowed to evaporate or shall be removed and properly disposed of outside the ROW. The Contractor shall immediately replace damaged basin liners or other washout facility components to prevent leakage of concrete waste from the washout facility. Concrete washout facilities shall be inspected by the Contractor after each use. Any and all spills shall be reported to the Engineer and cleaned up immediately. The Contractor shall remove the concrete washout facility when it is no longer needed.

This work will not be paid for separately, but shall be included in the cost of the concrete work items included in the contract.

PUBLIC RIGHT-OF-WAY ACCESSIBILITY

All existing items, elements, and facilities altered by this project shall be constructed to comply with the *Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way (PROWAG)*, the *ADA Standards for Accessible Designs (ADAAG)*, the *Illinois Accessibility Code (IAC)*, the *Uniform Federal Accessibility Standards (UFAS)*, the details included in these contract documents, and as specified herein. Complying with all of these standards and details will be referred to as “meeting ADA requirements”.

Where existing physical constraints make it impracticable for altered items, elements, or facilities to meet ADA requirements, the Contractor shall notify the Engineer. Compliance shall be met to the extent practicable within the scope of the project as approved by the Engineer. Any additional excavation, grading, restoration, materials, equipment, or labor required to meet ADA requirements will not be paid for separately, but shall be included in the cost of the item being installed.

The Engineer will document compliance for each accessible component of the project. Any item, element, or facility which is found to be non-compliant with regard to any of the above-referenced requirements shall be removed and replaced at the Contractor’s expense. Specific requirements for compliance will be discussed at the Pre-Construction Meeting.

PART 2 – PAY ITEM SPECIAL PROVISIONS

TREE PROTECTION

Description: This work consists of furnishing labor, equipment, and materials to install and maintain tree protection fencing at locations designated on the plans or as directed by the Engineer.

Materials: Fence posts shall be either standard steel posts or wood posts with a minimum cross sectional area of 3 square inches. The fence material shall be 40-inch high snow fence, 40-inch plastic web fencing, or other material as approved by the Engineer.

Construction Requirements: The fence shall be installed at locations as shown on the plans or as designated by the Engineer. The fence shall be located outside the drip line of the tree to be protected and in no case shall be closer than 5 feet to the trunk of any tree. **Tree protection fencing shall be installed before any work commences.** The Contractor shall maintain the fence daily for the duration of the project and shall remove it when the project is completed.

Tree protection fencing is required to prevent any operations from occurring inside of the fenced area. Storage of equipment or materials within the drip line of any existing tree will not be allowed. If significant roots are encountered when working outside of tree protection fencing, they shall be carefully pruned at the direction of the Engineer. Any tree which sustains damage due to Contractor negligence as determined by the Engineer shall be repaired or replaced at the Contractor’s expense to the satisfaction of the City.

Method of Measurement: This work shall be measured complete in place and the quantity computed for payment per Each.

Basis of Payment: This work shall be paid for at the contract unit price Each for TREE PROTECTION.

TREE ROOT PRUNING

Description. This work shall be completed in accordance with the applicable portions of Section 201 of the SSRB and the following.

Intent. The intent of root pruning is to minimize root damage and promote root regeneration when excavation occurs within the critical root zone of the tree.

Location, Depth, Length. For the installation of curbs, sidewalk, and similar construction, the root pruning shall be at the limit of excavation and to the depth of excavation. For example, if a curb is being constructed with an over-dig of one foot and a depth of the base of 24 inches, then the root pruning would be done one foot behind the location of the back of curb and to a depth of 24 inches. The length of the required root pruning shall be determined by the Engineer in the field.

Equipment. The equipment used must be able to cut the roots cleanly, without tearing or grabbing. Chain type trenchers are not allowed. All equipment used shall be inspected and approved by the City or qualified arborist prior to commencement of work.

Methodology. Where specifying root pruning, the Contractor shall identify the location, depth, and length of the root pruning in the field for City approval. This can be done by staking and/or painting a line on the ground. The field location of the root pruning shall not be completed until proper City staff provides final approval.

When the root pruning is complete, the area will be inspected by the City or a qualified arborist to identify any hand pruning that may be necessary to achieve a clean cut on exposed roots. In areas where it is not practical to use a machine to perform root pruning as determined by a qualified arborist, the roots shall be cut cleanly by hand. All trenches resulting from root pruning operations shall be back-filled or barricaded immediately.

Timing. Root pruning shall be completed as close to the time of excavation as possible. All root pruning shall be completed prior to any disturbance within the critical root zone of a tree. The Contractor shall coordinate this with the City or a qualified arborist to ensure minimum site disturbance and tree impact.

Method of Measurement. This work will be measured in place per Each location which requires root pruning. A plan quantity of Tree Root Pruning has been included in the Contract to establish a unit price only and actual locations will be determined in the field.

Basis of Payment. This work shall be paid for at the contract unit price Each for TREE ROOT PRUNING.

TRENCH BACKFILL

Description: This work consists of furnishing labor, equipment, and materials to transport and compact select aggregate material for the backfilling of trenches in compliance with Section 208 of the SSRB, the details on the plans, and as herein specified.

Materials: Aggregate shall be crushed stone or crushed gravel, gradation CA-6, complying with the requirements of Section 1004 of the SSRB. Recycled material will be allowed as approved by the Engineer.

Construction Requirements: Select granular backfill shall be used in all trenches where the inner edge of the trench is within 2 feet of any existing or proposed pavement, curb and gutter, driveway, or sidewalk. Backfill shall be constructed in compliance with the requirements of Article 550.07 of the SSRB, Method 1 only.

When used in turf areas within 2 feet of existing or proposed pavement, the backfill material shall be left 4 inches below final grade to allow room for restoration with topsoil and sod. When used in paved areas, the backfill shall be brought up to grade to provide temporary access until temporary patching or final pavement is installed.

Method of Measurement: This work shall be measured in place and the quantity computed for payment in Cubic Yards. IDOT Standard Trench Backfill Tables will be used when applicable.

Basis of Payment: This work shall be paid for at the contract unit price per Cubic Yard for TRENCH BACKFILL.

LANDSCAPE RESTORATION

Description: This work consists of furnishing the labor, equipment, and materials to place topsoil in compliance with the requirements of Section 211 of the SSRB, seeding in compliance with the requirements of Section 250 of the SSRB, and erosion control blanket in compliance with the requirements of Section 251 of the SSRB to restore areas disturbed due to Contract construction operations and as herein specified.

Construction Requirements: All areas disturbed by construction shall be cleared and made free of all debris. **Prior to placing topsoil, existing areas are to be excavated to a minimum of four inches below the proposed final grade.** Prior to stockpiling any excavated material, the Engineer shall approve the proposed stockpile location or direct the Contractor to remove the material to an offsite location.

If, in the opinion of the Engineer, the area to be restored at any location is greater than should be required by the construction operation, the Contractor shall restore said area with topsoil and seeding at the direction of the Engineer. **Restoration in this manner shall meet the requirements of this Special Provision, but will not be paid for.**

The Contractor shall submit documentation of the topsoil source and shall receive approval prior to scheduling material delivery. If required by the Engineer, the Contractor shall make arrangements for the Engineer to inspect and approve the source of topsoil material prior to delivery.

All topsoil furnished shall meet the following tolerances:

Clay content:	12% to 35%
Sand content:	20% to 50%
Silt content:	30% to 60%
Organic content:	maximum of 10%

Seeding shall be placed in compliance with the requirements of Section 250 of the SSRB and shall be Class 1. Erosion control blanket shall be knitted straw blanket and shall be installed according to Article 251.08 of the SSRB. Hydroseed may be used in lieu of erosion control blanket as approved by the Engineer.

The Contractor shall water the seed within eight hours of its placement and perform 15 additional waterings following the initial application within 48 hours of each other. Any watering deemed necessary by the Engineer after the initial watering and 15 additional waterings will be paid for separately as SUPPLEMENTAL WATERING. Approved watering equipment shall be present on the job site prior to any seed being placed. All watering of newly installed seed shall be done from a tank truck or trailer. No direct watering from a fire hydrant will be allowed. Water can be obtained from the City per the USE OF CITY WATER Special Provision.

If the initial landscape restoration must take place outside of the planting times defined in Article 250.07 of the SSRB, as determined by the Engineer, then the initial landscape restoration will be according to the TEMPORARY LANDSCAPE RESTORATION Special Provision and shall be paid for as such. If the temporary landscaping does not result in the establishment of acceptable turf, then LANDSCAPE RESTORATION shall be completed and paid for as such once the approved planting window opens again or as otherwise directed by the Engineer. In this case, if the topsoil placed as part of the temporary landscaping is acceptable to the Engineer, new topsoil will not need to be placed.

Method of Measurement: This work will be measured in place along the approved area of the new seed and blanket and the quantity computed for payment in Square Yards.

Basis of Payment: This work will be paid for at the contract unit price per Square Yard for LANDSCAPE RESTORATION.

TEMPORARY LANDSCAPE RESTORATION

Description: This work consists of furnishing labor, equipment, and materials to perform temporary landscape restoration of all disturbed areas outside of the planting times defined in Article 250.07 of the SSRB in accordance with Sections 211, 250, 251, and 280 of the SSRB and as specified herein.

Construction Requirements: Any restoration work completed outside of the planting times as defined by Article 250.07 of the SSRB will be considered temporary. Temporary seeding and temporary mulch shall be placed in accordance with Article 280.04 of the Standard Specifications.

All areas disturbed by construction shall be cleared and made free of all debris. **Prior to placing topsoil, existing areas are to be excavated to a minimum of four inches below the proposed final grade.** Prior to stockpiling any excavated material, the Engineer shall approve the proposed stockpile location or direct the Contractor to remove the material to an offsite location.

If, in the opinion of the Engineer, the area to be restored at any location is greater than should be required by the construction operation, the Contractor shall restore said area with topsoil and seeding at the direction of the Engineer. **Restoration in this manner shall meet the requirements of this Special Provision, but will not be paid for.**

The Contractor shall submit documentation of the topsoil source and shall receive approval prior to scheduling material delivery. If required by the Engineer, the Contractor shall make arrangements for the Engineer to inspect and approve the source of topsoil material prior to delivery.

All topsoil furnished shall meet the following tolerances:

Clay content:	12% to 35%
Sand content:	20% to 50%
Silt content:	30% to 60%
Organic content:	maximum of 10%

Method of Measurement: This work will be measured in place along the approved area of restoration and measured for payment in Square Yards.

Basis of Payment: This work will be paid for at the contract unit price per Square Yard for TEMPORARY LANDSCAPE RESTORATION.

SUPPLEMENTAL WATERING

Description: This work consists of furnishing labor, equipment, and materials to water turf areas that were restored as part of this improvement beyond the initial watering and 15 additional waterings according to the applicable portions of Section 252 of the SSRB and as herein specified.

Construction Requirements: Supplemental watering shall be at a rate of 3 gallons per square yard or as directed by the Engineer. All supplemental watering shall be done from a tank truck or trailer. No direct watering from a fire hydrant will be allowed. Water can be obtained from the City per the USE OF CITY WATER Special Provision.

Method of Measurement: This work will be measured in Units of 1,000 gallons of water applied.

Basis of Payment: This work will be paid for at the contract unit price per Unit for SUPPLEMENTAL WATERING.

INLET FILTERS

Description: This work consists of furnishing labor, equipment, and materials to install, inspect, maintain, and remove drainage structure inlet filter assemblies per the applicable portions of Section 280 of the SSRB, the Illinois Urban Manual, the detail included in the plans, and as specified herein.

Materials: The inlet filter assembly shall consist of a steel frame, replaceable geotextile fabric bag, reinforced filter basket, stainless steel band suspended from the frame, and an overflow feature.

Construction Requirements: The Contractor shall install inlet filters in all existing and new open lid drainage structure frames in the area of construction or as directed by the Engineer. Existing drainage structure castings include Type 1 round frames and rectangular curb frames. **Inlet filters shall be installed before any work commences.** The Contractor shall inspect and clean inlet filters on a weekly basis, after each rainfall, and at the conclusion of the project, disposing of debris at an approved location. Inlet filters shall be removed at the conclusion of the project.

Method of Measurement: This work shall be measured in place and the quantity computed per Each.

Basis of Payment: This work shall be paid for at the contract unit price Each for INLET FILTERS.

ROCK EXCAVATION

Description: This work consists of furnishing labor, equipment, and materials to remove and dispose of rock material encountered which is in conflict with the installation of proposed items of this project in compliance with Section 202 of the SSRB and as herein specified.

Construction Requirements: It is anticipated that rock material may be encountered while trenching for water main installation on the west end of this project. If encountered, rock material shall be removed to a depth to allow the installation of the minimum 4 inches of bedding material below the proposed water main.

Method of Measurement: This work shall be measured in its original position by the average end area method and the quantity computed for payment per Cubic Yard.

Basis of Payment: This work shall be paid for at the contract unit price per Cubic Yard for ROCK EXCAVATION.

FULL-DEPTH PAVEMENT PATCH, 6"

Description: This work consists of furnishing labor, equipment, and materials to construct full-depth pavement patches in compliance with Sections 407 and 442 of the SSRB, the details included in the plans, and as herein specified.

Materials: Bituminous base and binder material shall be Hot-Mix Asphalt Binder Course, IL-19.0, N50. Bituminous surface material shall be Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N50. No additional compensation will be allowed for substitute mixes.

Construction Requirements: The existing pavement section of Division Street varies from 4 to 6 inches of asphalt over 12 inches of aggregate base. Full-depth pavement patches shall include 4 inches of binder and 2 inches of surface minimum regardless of the existing pavement section. See included pavement core report for additional information on existing pavement.

Full-depth pavement patches shall be installed at locations shown on the plans or as directed by the Engineer. The area to be patched shall be saw cut full-depth around the perimeter to form a clean vertical face. The existing perimeter edges shall be sprayed with tack coat. This work will not be paid for separately, but shall be included in the cost of FULL-DEPTH PAVEMENT PATCH, 6".

If pavement patching must take place outside of the operating times of local hot-mix asphalt plants, as determined by the Engineer, then the initial pavement patching shall be according to the TEMPORARY PAVEMENT PATCH, 2" Special Provision and shall be paid for as such. Full-depth pavement patching per this Special Provision will need to then be completed once hot-mix asphalt is available again.

Method of Measurement: This work shall be measured complete in place and the quantity computed for payment per Square Yard.

Basis of Payment: This work shall be paid for at the contract unit price per Square Yard for FULL-DEPTH PAVEMENT PATCH, 6”.

TEMPORARY PAVEMENT PATCH, 2”

Description: This work consists of furnishing labor, equipment, and materials to remove aggregate material and construct temporary pavement patches over completed utility installations in compliance with Sections 407 and 442 of the SSRB, the details included in the plans, and as specified herein.

Materials: Patch material shall be a cold patch mix approved by the Engineer.

Construction Requirements: Temporary pavement patch locations shall be as directed by the Engineer. The Contractor shall remove and dispose of existing aggregate material to a minimum depth of two inches and construct a temporary pavement patch.

Method of Measurement: This work will be measured in place and the quantity computed for payment in Square Yards.

Basis of Payment: This work will be paid for at the contract unit price per Square Yard for TEMPORARY PAVEMENT PATCH, 2”.

CURING AND PROTECTION OF CONCRETE ITEMS

Construction Requirements: All new concrete placed as part of this work shall be cured using an approved curing and sealing compound conforming to Section 1022 of the SSRB. The compound shall be applied within two hours of placing the concrete unless otherwise suggested by the manufacturer. The curing compound shall be applied to the surface and edge of the new concrete at a minimum rate of 1 gal per 250 square feet. The Contractor shall apply the curing compound using equipment approved by the Engineer that is capable of delivering a uniform fine spray.

The Contractor is completely responsible for protecting the work from vandalism, the elements, and any other thing or situation that may mar or disfigure the work. All damaged concrete work shall be removed and replaced at the Contractor's expense. Placing company imprints or advertising of any type into concrete work is expressly forbidden. Work so marked shall be removed and replaced at the Contractor's expense as determined by the Engineer.

Basis of Payment: This work will not be paid for separately, but shall be included in the cost of the concrete item being installed.

HMA DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT, 4”

Description: This work consists of furnishing labor, equipment, and materials to remove existing hot-mix asphalt (HMA) driveway pavement and to excavate as required to construct a granular sub-base and HMA driveway pavement in accordance with the applicable portions of Sections 351 and 406 of the SSRB and as specified herein.

Materials: Asphalt shall be HMA surface course, mix “D”, IL-9.5, N50. Aggregate base shall be crushed stone or crushed gravel, gradation CA-6. Recycled material will be allowed as approved by the Engineer.

Construction Requirements: The Contractor shall remove the existing driveway pavement and dispose of the removed material to an offsite location on a daily basis. HMA shall be installed in one lift. HMA thickness shall match the thickness of the existing driveway with a maximum HMA thickness of 4 inches.

Compacted aggregate base shall be 4 inches thick. Locations where use of the existing aggregate base or trench backfill material is warranted by the Engineer shall be shaped and compacted to the satisfaction of the Engineer.

Should additional aggregate be required, it shall be furnished as a part of this pay item. Any excess material shall be disposed of.

Method of Measurement: This work will be measured in place and the quantity computed for payment in Square Yards.

Basis of Payment: This work will be paid for at the contract unit price per Square Yard for HMA DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT, 4".

PCC DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT, 7"

Description: This work consists of furnishing labor, equipment, and materials to remove existing Portland cement concrete (PCC) driveway pavement of any type and to excavate as required to construct a granular sub-base and PCC driveway pavement in compliance with Sections 423, 440, and 1020 of the SSRB, the details included in the plans, and as herein specified.

Materials: All concrete shall be 6.1 Bag Mix Class "SI". Fly ash modified concrete shall not be used. Sub-base shall be two inches thick of crushed stone or crushed gravel, gradation CA-6, in compliance with Section 311 of the SSRB. Recycled material will be allowed as approved by the Engineer.

Forms shall be a minimum of two-inch by eight-inch lumber, held in place by stakes or braces with the top edges true to line and grade.

Construction Requirements: All residential driveways shall be seven inches thick. The Contractor shall remove the existing driveway pavement of any type and dispose of the removed material to an offsite location on a daily basis.

After removal of existing driveways where required, the Contractor shall prepare the existing subgrade by excavating it to a depth that is two inches below the bottom of the proposed driveway construction. If the Engineer determines that additional excavation is required to provide an acceptable subgrade, this work will not be paid for separately, but shall be included in the cost of PCC DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT, 7". After the subgrade is excavated and compacted, sub-base material shall be constructed to the bottom of the proposed driveway replacement, a minimum of two inches thick, and shall be mechanically compacted to the satisfaction of the Engineer.

Preformed expansion joint material, $\frac{3}{4}$ -inch thickness, shall be placed between the curb and the full width of the proposed driveway and between the sidewalk and the full width of the driveway apron. Joint material shall be full depth. The PCC driveway pavement shall then be constructed to the required minimum thickness. Tooled contraction joints shall be placed as shown on the plan details or as otherwise directed by the Engineer.

All areas disturbed by this work shall be restored to existing or better conditions. Pavement for adjacent existing driveways, sidewalks, lots, or other paths to remain that is damaged by this work shall be patched at the Contractor's expense. Patch material shall match the existing pavement. Turf restoration shall be paid for separately as LANDSCAPE RESTORATION.

Method of Measurement: This work will be measured on the surface of the completed driveway in place and the quantity computed for payment per Square Yard.

Basis of Payment: This work will be paid for at the contract unit price per Square Yard for PCC DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT, 7".

CURB AND GUTTER REMOVAL AND REPLACEMENT

Description: This work consists of furnishing labor, equipment, and materials to remove existing curb and gutter of any type and to construct a granular sub-base and PCC combination curb and gutter of the type

required in compliance with Sections 440, 606, and 1020 of the SSRB, the details included in the plans, and as herein specified.

Materials: All concrete shall be 6.1 Bag Mix Class "SI". Fly ash modified concrete shall not be used. Sub-base shall be two inches thick of crushed stone or crushed gravel, gradation CA-6, in compliance with Section 311 of the SSRB. Recycled material will be allowed as approved by the Engineer.

Tie bars shall be #4 and meet the requirements of ASTM A615 or ASTM A616 and the applicable portions of Article 1006.10 of the SSRB. Tie bars shall be free of rust, scale, or other substance which may prevent bonding of the concrete to the reinforcement. Where required, dowel bars shall be smooth.

Construction Requirements: Prior to removal, the Contractor shall saw cut all existing curb and gutter full depth to the limits marked by the Engineer. The Contractor shall remove the existing curb and gutter and dispose of the removed material to an offsite location on a daily basis.

After removal of existing curb and gutter where required, the Contractor shall prepare the existing subgrade by excavating to a depth that is sufficient for new curb and gutter with a gutter face thickness matching the existing adjacent curb and gutter, but in no case less than nine inches, and two inches of sub-base. If the Engineer determines that additional excavation is required to provide an acceptable subgrade, this work will not be paid for separately, but shall be included in the cost of CURB AND GUTTER REMOVAL AND REPLACEMENT.

The subgrade shall be graded flat between the form boards. A full depth front form board shall be used on all work. A back board sufficient to obtain a straight line shall be used. After the subgrade is excavated and compacted, subbase material shall be constructed to the bottom of the proposed curb replacement, a minimum of two inches thick, and shall be mechanically compacted to the satisfaction of the Engineer.

After the sub-base or subgrade has been compacted and trimmed, tie bars shall be installed into the vertical edge of the adjacent concrete curb and gutter. The method and tools of installation shall conform to the manufacturer's recommendations and Article 1006.10 of the SSRB. A minimum of two tie bars shall be installed at each existing vertical face location. Tie bars shall be a minimum of 18 inches long and shall be placed a minimum depth of six inches into the existing curb and gutter. At all locations where expansion joint material is required or as directed by the Engineer, smooth dowel bars shall be used in lieu of tie bars. Tie bars and dowel bars will not be paid for separately, but shall be included in the cost of CURB AND GUTTER REMOVAL AND REPLACEMENT.

The new combination curb and gutter type shall match the existing type for all locations except where directed by the Engineer. A three-foot transition shall be constructed between curb and gutter of differing types with an expansion joint at the end of the transition. Curb and gutter damaged by the Contractor beyond the approved limits will not be measured for payment, but shall be replaced at the Contractor's expense.

The gap between the new curb and gutter face and the existing pavement shall be backfilled with temporary stone meeting the approval of the Engineer until pavement patching operations take place. All areas disturbed by this work shall be restored to existing or better conditions. Pavement for adjacent existing driveways, sidewalks, lots, or other paths to remain that is damaged by this work shall be patched at the Contractor's expense. Patch material shall match the existing pavement. Turf restoration shall be paid for separately as LANDSCAPE RESTORATION.

Forms: All curb forms shall be new wood lumber, full depth, and braced as approved by the Engineer. The use of a slip form curb machine is permitted, but any additional pavement patching, restoration, or excavation beyond the requirements of this pay item as required for or resulting from the use of such a machine will not be measured for additional payment and are considered incidental to its use. Use of a slip form curb machine is limited to curb that has a radii greater than 25 feet. All curb radii 25 feet and less and all combination curb and gutter, including depressed curb, at multi-family or commercial driveways, or at alley approaches, shall be formed with wood or other forms approved by the Engineer.

Joints: Prefomed expansion joint filler, ¾-inch thickness, shall be constructed at all points of curvature, five feet on either side of all drainage structures, and at a maximum of 40-foot intervals. Expansion joint material shall be

installed at a minimum on one end of each length of curb and gutter replacement. Tooled or saw cut contraction joints shall be constructed at ten-foot intervals between preformed joints or where directed by the Engineer.

Method of Measurement: This work will be measured in place along the flow line of the new curb and gutter and the quantity computed for payment per Lineal Foot.

Basis of Payment: This work will be paid for at the contract unit price per Lineal Foot as CURB AND GUTTER REMOVAL AND REPLACEMENT regardless of type.

SIDEWALK REMOVAL AND REPLACEMENT

Description: This work consists of the complete removal of existing sidewalk and aggregate base course and the replacement thereof with portland cement concrete sidewalk, including a 4-inch aggregate subbase, in accordance with the applicable portions of Sections 311, 424, and 440 of the SSRB and the following.

Materials: Portland cement concrete shall be 6.1 Bag Mix Class "SI". Fly ash modified concrete shall not be used. Aggregate base shall be crushed stone or crushed gravel, gradation CA-6. Recycled material will be allowed as approved by the Engineer.

Construction Requirements: Removal of the sidewalk shall be to a depth to allow placement and compaction of 4 inches of aggregate base and a new sidewalk section. Any earth excavation necessary to meet these requirements or required grades to meet ADA regulations shall be included in the cost of SIDEWALK REMOVAL & REPLACEMENT.

Existing sidewalk shall be sawcut with a concrete saw equipped with a diamond blade of sufficient size to saw the sidewalk full-depth and be capable of accurately maintain cutting depth. Any sawing dust or slurry shall be cleaned up by the Contractor. The portion of the sidewalk to remain will be determined in the field by the Engineer.

Care shall be exercised during all operations so as not to damage existing adjacent sidewalk or driveways. Any damage to existing adjacent sidewalk or driveway pavement as a result of any Contractor actions shall be replaced at the Contractor's expense.

PCC Sidewalk shall be a minimum thickness of 5 inches, except at residential driveways where the minimum thickness shall be 7 inches. Sections where thickness exceeds 5 inches will not be paid for separately, but shall be included in the cost of SIDEWALK REMOVAL AND REPLACEMENT. Compacted aggregate base shall be 4 inches thick. Locations where use of the existing aggregate base or trench backfill material is warranted by the Engineer shall be shaped and compacted to the satisfaction of the Engineer.

Preformed expansion joints of 3/4-inch thickness shall be placed every 50 feet, where sidewalk abuts the back of curb, and adjacent to concrete driveway pavement. Tooled contraction joints shall be placed every 5 feet or as directed by the Engineer.

Method of Measurement: This work will be measured in place and the area computed for payment in Square Feet.

Basis of Payment: This work will be paid for at the contract unit price per Square Foot for SIDEWALK REMOVAL AND REPLACEMENT.

DETECTABLE WARNINGS

Description: This work consists of furnishing labor, equipment, and materials to install prefabricated detectable warning surface tiles at the locations shown on the plans or as directed by the Engineer.

Materials: Detectable warning tiles shall be polymer composite material and shall be Federal Standard brick red in color. Tiles shall be of an approved cast-in-place replaceable design.

Construction Requirements: Tiles will be installed in new concrete sidewalk. The concrete under the tile shall be paid for separately as SIDEWALK REMOVAL AND REPLACEMENT. The Contractor shall follow the detectable warning tile manufacturer's guidelines. Placement of DETECTABLE WARNINGS shall meet ADA requirements. This may require the use of radial tiles in some situations.

Method of Measurement: This work will be measured in place on the surface of the completed detectable warning panel and the quantity computed for payment per Square Foot.

Basis of Payment: This work will be paid for at the contract unit price per Square Foot for DETECTABLE WARNINGS.

DUCTILE IRON WATER MAIN, CLASS 52

Description: This work consists of furnishing labor, equipment, and materials to construct new ductile iron water main of the sizes shown on the plans, including all pipe restraint, nuts and bolts, tracer wire, and bedding; pressure and leakage test said water main; and disinfect said water main in compliance with the SSWS and as herein specified.

Materials: Water main shall be bell and spigot Ductile Iron Pipe, Class 52 conforming to AWWA C-151 with an outside bituminous coating and an inside cement mortar lining conforming to AWWA C-104. Pit casted pipe will not be allowed. Water main joints shall be push-on conforming to AWWA C-111. Water main shall have a rated working pressure of 350 psi plus a surge allowance of 100 psi.

The outside coating of the pipe shall not be damaged during construction. Any pipe with damaged coating shall be removed from the project and replaced at the Contractor's expense.

Water main fittings shall be ductile iron compact type fittings meeting the requirements of AWWA C-153 with mechanical joints. Retainer glands are required on all fittings. Retainer glands shall be MEGALUG 1100 series or an approved equal. All bolts used on the project shall be A-304 stainless steel with nuts and washers of series 300 stainless steel per ASTM A194.

Tracer wire shall be insulated 12-gauge copper designed for buried utilities or other approved material that allows the buried water main to be accurately located conductively. Tracer wire shall be blue in color to designate potable water.

Pipe bedding shall be CA-11 or CA-13 crushed stone or crushed gravel complying with the requirements of Section 1004 of the SSRB. Recycled material will be allowed as approved by the Engineer. Thrust blocking shall be precast blocks of Class SI concrete only in compliance with Section 1020 of the SSRB. Poured-in-place concrete thrust blocks will not be allowed.

Construction Requirements: The Contractor shall construct all water main to a minimum depth of 5.5 feet from the finished grade to the top of the pipe unless otherwise approved by the Engineer. Existing water main, fittings, or valves that are in conflict with the proposed water main improvements shall be removed by the Contractor as directed by the Engineer and disposed of offsite. This work shall not be paid for separately, but shall be included in the cost of DUCTILE IRON WATER MAIN, CLASS 52.

The Contractor shall construct pipe bedding to a minimum depth of 4 inches below the bottom of the water main. After the pipe is placed, the Contractor shall backfill the entire width of the trench with bedding material to the springline of the pipe. Bedding shall be compacted by ramming or tamping with tools approved by the Engineer.

Tracer wire shall be attached to the pipe by tape or other method approved by the Engineer. Tracer wire shall be attached to the north or west side of the pipe unless otherwise directed by the Engineer. Tracer wire shall be tested by the City with their own equipment prior to final approval to assure that it can be used to accurately locate the new water main.

Concrete thrust blocks are required to brace tees, plugs, caps, and bends of 10 degrees or greater. Thrust blocks will not be paid for separately, but shall be included in the cost of DUCTILE IRON WATER MAIN, CLASS 52. Tees, bends, sleeves, and reducers will not be included in the cost of DUCTILE IRON WATER MAIN, CLASS 52, but shall be paid for separately according to size and material.

The Contractor shall backfill the trench with excavated material in parkway or turf areas and trench backfill when the edge of the trench is within 2 feet of existing or final paved areas. All backfilling shall be in compliance with these specifications. Backfilling trenches with select aggregate material shall be paid for separately as TRENCH BACKFILL. Restoration in turf areas shall be paid for separately as LANDSCAPE RESTORATION.

Pressure and Leakage Testing: Pressure testing shall be performed in compliance with the SSWS or as directed by the Engineer. All testing shall be completed prior to the abandonment of the existing water main. The minimum test pressure applied shall be 150 pounds per square inch. The minimum test duration shall be 2 hours. All new valves must be tested unless otherwise directed by the Engineer.

The Engineer shall be notified a minimum of 48 hours prior to pressure testing or flushing the new water main. The Engineer must be present to witness the pressure testing and flushing. The cost of pressure testing, leakage testing, and flushing will not be paid for separately, but shall be included in the cost of DUCTILE IRON WATER MAIN, CLASS 52. No additional compensation will be allowed for retesting after a failed test.

Disinfection and Testing: The Contractor is solely responsible for disinfecting water main and appurtenances under the supervision of the City. Disinfection shall only take place after the water main has passed all necessary pressure and leakage testing. Disinfection of the new water main shall be performed in compliance with the SSWS and the requirements of the City. All water main and appurtenances shall be properly disinfected prior to being put into service.

The safe quality of the water supply shall be demonstrated by bacteriological analysis of samples collected at sampling taps following disinfection of the main. All samples shall be taken in the presence of a City representative. It is the responsibility of the Contractor to coordinate sampling with the City. Sampling reports shall be submitted to the City and the Engineer. The cost of disinfection, flushing, and sampling water main will not be paid for separately, but shall be included in the cost of DUCTILE IRON WATER MAIN, CLASS 52.

FAILURE OF ANY SAMPLE REQUIRES MANDATORY REPEAT DISINFECTION, FLUSHING, AND SAMPLING UNTIL SUCCESSFUL TESTING IS OBTAINED ON ALL SAMPLES. ALL RETESTING SHALL BE AT THE CONTRACTOR'S EXPENSE.

Method of Measurement: This work shall be measured in place through all fittings and valves after pressure, leakage, and disinfection tests have been successfully completed and the quantity computed for payment per Lineal Foot. Fittings will be measured per Each.

Basis of Payment: This work shall be paid for at the contract unit price per Lineal Foot for DUCTILE IRON WATER MAIN, CLASS 52 of the size shown on the plans. Fittings will be paid for at the contract unit price Each for the fitting required.

GATE VALVES, VALVE VAULTS, AND VALVE BOXES

Description: This work consists of furnishing labor, equipment, and materials to construct new gate valves of the sizes shown on the plans either in precast valve vaults or beneath valve boxes in compliance with the SSWS and as herein specified.

Materials: Gate valves shall be resilient wedge type valves with mechanical joint ends as manufactured by Waterous Co. or Clow Valve Co. All bolts used on the project shall be A-304 stainless steel with nuts and washers of series 300 stainless steel per ASTM A194.

Valve vaults shall be precast reinforced concrete manhole sections with concentric cone sections. Valve vault joints shall be either flexible watertight rubber gaskets or preformed bituminous plastic gaskets. Flexible rubber

gasket collars complying with ASTM C-923 shall be provided for connecting pipe to the valve vault. Frames and lids shall be cast iron with solid self-sealing lids stamped with the word "WATER".

Valve boxes shall be adjustable and shall be compatible with the installed gate valve. The box cover shall be stamped with the word "WATER".

Construction Requirements: Gate valve, valve vault, and valve box construction shall be in compliance with the SSWS and the details shown on the plans. Vaults for valves 10 inches and under shall be 4 feet in diameter. Vaults for valves 12 inches and over shall be 5 feet in diameter. The gate valve shall be positioned so that the operating nut is plumb and centered in the cone of the valve vault. If trench backfill is necessary, it will not be paid for separately, but shall be included in the cost of the VALVE VAULT or VALVE BOX.

Method of Measurement: This work shall be measured in place after successful pressure, leakage, and disinfection tests have been completed and the quantity computed for payment per Each.

Basis of Payment: This work shall be paid for at the contract unit price Each for GATE VALVE of the size shown on the plans, VALVE VAULT of the size shown on the plans, or VALVE BOX.

FIRE HYDRANT

Description: This work consists of furnishing labor, equipment, and materials to construct new fire hydrants with 6-inch auxiliary gate valves, valve boxes, trench drain, thrust blocking, hydrant marker, and accessories at the locations shown on the plans or as directed by the Engineer.

Materials: All fire hydrant materials shall be new. Fire hydrants shall have a 6-inch inlet and auxiliary valve with valve box and two 2.5-inch nozzles with a 5.25-inch steamer as manufacturer by Waterous Co. or Clow Valve Co. Threads shall be national standard.

Hydrant markers shall be RoDon HydraFinder in 6-foot lengths with reflective tape strips in standard red and flat mounting brackets.

Construction Requirements: The Contractor shall construct the fire hydrant and auxiliary valve as shown on the plan detail. The Contractor shall make arrangements with the Engineer to have the completed assembly inspected prior to backfilling. The hydrant and valve assembly shall be subjected to the same pressure, leakage, and chlorination tests as the water main. If trench backfill is required, it will not be paid for separately, but shall be included in the cost of FIRE HYDRANT.

The centerline of the steamer shall be set 18 to 24 inches above finished grade. All hydrants shall be freshly painted red. Hydrants shall be connected to the water main with 6-inch ductile iron pipe class 52. The connecting pipe shall be paid for separately as DUCTILE IRON WATER MAIN, CLASS 52. No additional compensation will be allowed for the installation of bends or fire hydrant extensions for changes in grade or direction, conflicts with any utility, or for connections to the water main. The auxiliary valve and valve box shall be mounted behind the curb and as close to the hydrant as possible.

Prior to the successful completion of all required pressure, leakage, and disinfection testing, new fire hydrants shall be securely covered and designated as not in service by a method approved by the City. Once all testing is successfully completed, the Contractor shall remove all coverings.

Method of Measurement: This work shall be measured complete in place after pressure, leakage, and disinfection tests have been successfully completed and the quantity computed for payment per Each.

Basis of Payment: The work will be paid for at the contract unit price Each for FIRE HYDRANT.

WATER SERVICE CONNECTION

Description: This work consists of furnishing labor, equipment, and materials to construct corporation stops of various sizes directly tapped to water mains, connect water services to the corporation stops, and abandon the existing water service at the locations shown on the plans or as directed by the Engineer.

Materials: Corporation stops shall be A.Y. McDonald or approved equal with compression fittings.

Construction Requirements: All water service work shall be done in compliance with the State of Illinois Department of Public Health Plumbing Code. Water services shall be connected to the new water main only after successful pressure, leakage, and disinfection tests have been completed.

The Contractor shall direct tap the water main of any size, install corporation stops, and connect water service pipe to the corporation stop. Corporation stops shall be sized to match the existing water service pipe with a minimum size of 1 inch. It is the Contractor's responsibility to confirm existing water service pipe sizes. No additional compensation will be allowed for water services that do not match the size shown on the plans. New copper water service pipe shall be paid for separately as WATER SERVICE LINE.

After the water service pipe has been connected to the corporation stop but prior to any backfilling, the Contractor shall arrange for inspection by the Engineer of the completed corporation stop including a leak check. The leak check shall be witnessed under normal operating pressure conditions. After the leak check has passed and it has been confirmed that the new water service is active, the existing water service shall be abandoned in place and the existing curb stop shall be removed in its entirety.

The Contractor shall notify residents at least 15 minutes prior to disconnecting their existing water service and shall instruct the resident to flush their water line after the new service connection. No water service shall be disconnected before 9:00 am without the resident's consent. If trench backfill is necessary, it will not be paid for separately, but shall be included in the cost of the WATER SERVICE CONNECTION.

Method of Measurement: This work shall be measured complete in place and the quantity computed for payment per Each.

Basis of Payment: This work will be paid for at the contract unit price Each for WATER SERVICE CONNECTION regardless of size.

CURB STOP AND DOMESTIC WATER SERVICE BOX

Description: This work consists of furnishing labor, equipment, and materials to construct new curb stops with fittings connecting to new and existing water service lines and to construct new domestic water service boxes on existing or new curb stops at the locations shown on the plans or as directed by the Engineer.

Materials: Curb stops and domestic water service boxes shall be A.Y. McDonald or approved equal. Curb stops shall have compression fittings.

Construction Requirements: All water service work shall be done in compliance with the State of Illinois Department of Public Health Plumbing Code. Curb stops shall match the size of the water service they are connected to, with a minimum size of 1 inch. Curb stops shall be set on a concrete/masonry type brick and the installation shall be completed as shown on the plan detail. If the existing water service that is being connected to is less than one-inch, the reduction shall be accomplished between the curb stop and the connection to the existing water service.

Domestic water service boxes shall be constructed straight and plumb. The final adjusted height shall match the final proposed elevation of the improvements. Prior to acceptance for payment, each domestic water service box shall be free from debris and shall be key-tested for accessibility. Dirty or misaligned domestic water service boxes will be corrected at the Contractor's expense. If trench backfill is necessary, it will not be paid for separately, but shall be included in the cost of the CURB STOP or DOMESTIC WATER SERVICE BOX.

The abandonment of the existing water service shall be included in the cost of the new CURB STOP and shall only take place after the new water service has passed a leak check. The existing curb stop on the existing water service to be abandoned shall be turned to the off position. The existing curb box shall be removed in its entirety. The excavation shall be backfilled to the proposed subgrade with trench backfill or excavated materials as directed by the Engineer. If trench backfill is necessary, it will not be paid for separately, but shall be included in the cost of CURB STOP.

Removed domestic water service boxes shall be delivered to the City of Geneva Public Works Department when directed by the Engineer.

Method of Measurement: This work shall be measured complete in place and the quantity computed for payment per Each CURB STOP or DOMESTIC WATER SERVICE BOX.

Basis of Payment: This work will be paid for at the contract unit price Each for CURB STOP or DOMESTIC WATER SERVICE BOX regardless of size.

WATER SERVICE LINE

Description: This work consists of furnishing labor, equipment, and materials to construct new copper water service lines and fittings of the size shown on the plans or as directed by the Engineer.

Materials: Water service lines shall be seamless copper water tubing, Type K, meeting the requirements of AWWA Specification 7S-CR. All water service fittings shall be compression type. Water service pipe shall match the size of the existing water service, with a minimum size of 1 inch.

Construction Requirements: All water service work shall be done in compliance with the State of Illinois Department of Public Health Plumbing Code. Prior to shutting down any existing service, the Contractor shall give the Engineer a minimum of 24 hours advance written notice of their intent to do so, noting the street addresses of the proposed shutdowns. No existing water service may be shut down without the consent of the Engineer.

New water services shall be constructed to a minimum depth of 5.5 feet from the proposed finished plan grades to the top of the water service. New water service pipe shall be continuous from the corporation stop to the curb stop and from the curb stop to the existing water service or building interior with no splices or fittings. All fittings and connections shall be compression type. New water services constructed at less than the required minimum depth shall be removed and reconstructed to the correct depth at the Contractor's expense. Elevation transitions from the minimum depth requirement to the existing water service shall be made up in the area between the new curb stop and the existing water service or building.

Prior to backfilling any trenches, the Contractor shall arrange for inspection by the Engineer of the completed new water service installation including a leak check. The leak check shall be witnessed under normal line pressure.

The connection of the water service to the water main shall be paid for separately as WATER SERVICE CONNECTION. New curb stops and curb boxes will be paid for separately as CURB STOP or DOMESTIC WATER SERVICE BOX. Connections of new water services to existing water services will not be paid for separately, but shall be included in the cost of WATER SERVICE LINE. Restoration of turf areas damaged by this work will be paid for separately as LANDSCAPE RESTORATION. When necessary, trench backfill will be paid for separately as TRENCH BACKFILL.

Adjusting Existing Water Services: If existing water service pipe needs to be adjusted to move it out of the way of new pipe or structures, this work shall follow this Special Provision but shall be paid for separately as ADJUST WATER SERVICE.

Method of Measurement: This work shall be measured complete in place and the quantity computed for payment per Lineal Foot.

Basis of Payment: This work will be paid for at the contract unit price per Lineal Foot for WATER SERVICE LINE regardless of size.

ABANDON EXISTING WATER VALVE

Description: This work consists of furnishing labor, equipment, and materials to abandon existing water main valves in place; to fill existing valve vaults; to remove and deliver or dispose of existing valves, valve boxes, valve vaults, and frames and lids; and to backfill the excavation.

Construction Requirements: This work shall be completed only after the new water main has had successful pressure, leakage, and chlorination tests performed and the installation has been approved by the Engineer. The Engineer shall determine whether the existing valve shall be abandoned in place or removed. If the valve is to be abandoned in place, it shall first be turned to the off position.

Valve boxes shall be removed in their entirety. The Engineer shall determine whether existing valve vaults shall be filled with approved aggregate material or removed. The resulting excavation after valve box or vault removal shall be backfilled to the proposed subgrade with trench backfill or excavated materials as directed by the Engineer. If trench backfill is necessary, it will not be paid for separately, but shall be included in the cost of ABANDON EXISTING WATER VALVE.

Removed valves, valve boxes, frames, and lids shall be delivered complete to the City of Geneva Public Works Department when directed by the Engineer.

Method of Measurement: This work shall be measured complete in place and the quantity computed for payment per Each.

Basis of Payment: This work shall be paid for at the contract unit price Each for ABANDON EXISTING WATER VALVE.

REMOVE EXISTING FIRE HYDRANT

Description: This work consists of furnishing labor, equipment, and materials to remove existing fire hydrants in total, including auxiliary valve and valve box, to cap the existing water main, to backfill the excavation, and to deliver the removed hydrant to the City or dispose of it.

Construction Requirements: This work shall be completed only after the new water main has had successful pressure, leakage, and disinfection tests performed and the installation has been approved by the Engineer. The existing fire hydrant shall be removed in its entirety. The existing water main shall be plugged or capped in a water-tight manner approved by the Engineer. If existing fire hydrants are not removed the same day that the water main feeding them is abandoned, the Contractor shall securely cover the hydrants and designate them as not in service until they are removed.

Removed fire hydrant assemblies shall be delivered complete to the City of Geneva Public Works Department when directed by the Engineer.

The excavation shall be backfilled to the proposed subgrade with trench backfill or excavated materials as directed by the Engineer. If trench backfill is necessary, it will not be paid for separately, but shall be included in the cost of REMOVE EXISTING FIRE HYDRANT.

Method of Measurement: This work shall be measured complete in place and the quantity computed for payment per Each.

Basis of Payment: This work shall be paid for at the contract unit price Each for REMOVE EXISTING FIRE HYDRANT.

CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE)

Description: This work consists of furnishing labor, equipment, and materials to complete non-pressure connections of new ductile iron water main to existing water main in compliance with the SSWS and as herein specified.

Construction Requirements: The Contractor shall obtain permission from the City prior to any shut down of the existing water system. All existing valves shall be operated by City staff only unless otherwise allowed by the Engineer. All shutdowns must be limited to 4 hours maximum per day and may only be made between the hours of 9:00 am and 3:00 pm.

Connections to existing water main shall only be made after the new water main passes all required pressure, leakage, and disinfection testing unless otherwise approved by the Engineer. The existing water main shall be saw cut through the complete circumference to form a neat vertical end and shall be allowed to drain prior to making the new connection. All existing mains shut down and opened to the atmosphere and all new water main material needed to complete the connection must be disinfected with a chlorine solution approved by the Engineer prior to returning the system into service.

The excavation to determine the location of the existing water main and the time required for the City to shut down the existing water system will not be paid for separately, but shall be included in the cost of CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE). New water main will be paid for separately as DUCTILE IRON WATER MAIN, CLASS 52. Fittings will be paid for separately as the fitting required. The capping of existing water mains will be paid for separately as CUT AND CAP WATER MAIN. If trench backfill is required, it will not be paid for separately, but shall be included in the cost of CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE).

Method of Measurement: This work shall be measured complete in place and the quantity computed for payment per Each.

Basis of Payment: This work will be paid for at the contract unit price Each for CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE).

CUT AND CAP WATER MAIN

Description: This work consists of furnishing labor, equipment, and materials to install caps on the end of water main that is meant to be abandoned or capped for future consideration at locations shown on the plans or as directed by the Engineer.

Materials: Caps shall be restrained with mechanical joints.

Construction Requirements: The pipe shall be cut to leave a smooth end at right angles to the axis of the pipe. A mechanical joint plug or cap shall be installed and thrust blocked with precast blocks of Class SI concrete. If trench backfill is necessary, it will not be paid for separately, but shall be included in the cost of CUT AND CAP WATER MAIN.

Method of Measurement: This work shall be measured complete in place and the quantity computed for payment per Each.

Basis of Payment: This work will be paid for at the contract unit price Each for CUT AND CAP WATER MAIN.

ADJUST SANITARY SERVICE

Description: This work consists of furnishing labor, equipment, and materials to adjust sanitary sewer service lines in accordance with Section 563 of the SSRB, the SWSS, and as specified herein.

Materials: PVC pipe for gravity applications shall be PVC SDR-26 meeting the requirements of ASTM D-2241 with rubber gasket joints conforming to ASTM D-3139, F-477. PVC pipe for applications where the pipe must be water main quality according to IEPA requirements shall be PVC AWWA C900.

Bedding for all pipe material shall be CA-7. All stone shall be crushed and rounded aggregate shall not be permitted. The stone shall be compacted to 90% modified proctor density as required by ASTM D-1557 or AASHTO T-180.

Couplings for joining sewers of dissimilar materials shall be non-shear flexible rubber with stainless steel bands conforming to ASTM C-1173-91. All fittings, accessories, and shear rings shall be 316 grade stainless steel in accordance with ASTM A-167-91.

Construction Requirements: Existing sanitary services shall be adjusted when in direct conflict with a new utility being installed or when unable to meet IEPA separation requirements from new water main. Adjusted sanitary services shall meet IEPA separation requirements as determined by the Engineer. Prior to starting any sewer repairs, the Contractor shall notify the Engineer so that the exact length of repair can be determined. Sanitary services damaged by the Contractor without prior approval for replacement by the Engineer will not be considered for payment, but shall be replaced at the Contractor's expense.

Each end of the existing sewer shall be cut to provide a uniform surface for joining to the replacement sewer. All connections shall be made with non-shear flexible rubber couplings with stainless steel bands designed to connect sewers of dissimilar materials. The existing sewer must be kept in service while repairs are made.

The Contractor shall construct pipe bedding to a minimum depth of 4 inches below the bottom of the sanitary service. After the pipe is placed, the Contractor shall backfill the entire width of the trench with initial backfill material to 12 inches over the top of the pipe. This initial backfill shall be compacted by ramming or tamping with tools approved by the Engineer. Bedding and initial backfill will not be paid for separately, but shall be included in the cost of ADJUST SANITARY SERVICE. When necessary, trench backfill will be paid for separately as TRENCH BACKFILL.

Method of Measurement: This work will be measured in place and the quantity computed for payment in Feet.

Basis of Payment: This work will be paid for at the contract unit price per Foot for ADJUST SANITARY SERVICE.

STORM SEWER

Description: This work consists of furnishing labor, equipment, and materials to construct new storm sewer of various sizes, materials, and types and abandon existing storm sewer in compliance with the applicable portions of Section 550 of the SSRB, the details included in the plans, and as herein specified.

Materials: Storm sewer material shall be as shown on the plans or as directed by the Engineer. All storm sewer material shall be new. Use of salvaged pipe, if not indicated on the plans, shall be at the written direction of the Engineer only. Bedding for all pipe materials shall be stone or gravel only and shall comply with the requirements of Section 1004 of the SSRB, gradation CA-11 or CA-13. Recycled material will be allowed as approved by the Engineer.

Reinforced Concrete Pipe (RCP) storm sewer shall be of the type indicated on the plan or, in the absence of a plan indication, that type indicated in the table listed in Section 550 of the SSRB. All RCP storm sewers shall be furnished with preformed flexible O ring gaskets and joints meeting the requirements of ASTM C-361.

Polyvinyl chloride (PVC) pipe shall be PVC SDR-26. PVC pipe for applications where the pipe must be water main quality according to IEPA requirements shall be PVC AWWA C900.

Excavation and Foundation: The trench shall be excavated to the width shown on the plan detail. When encountered, excess water shall be removed by pumping, diverted with dikes or sheeting, or dammed in the

upstream structure. Methods of pumping, diverting, or damming excess water shall be approved by the Engineer. This work will not be paid for separately, but shall be included in the cost of STORM SEWER.

All storm sewer shall be bedded with moist well-compacted bedding 4 inches in depth below the pipe for the entire width of the trench or as recommended by the pipe manufacturer or directed by the Engineer. The pipe shall be secured in place by the use of additional hand tamped bedding from the bottom of the pipe to the spring line of the pipe. The cost of excavating for, furnishing, transporting, placing, and compacting the bedding material shall not be paid for separately, but shall be included in the cost of STORM SEWER.

Laying Sewer Pipe: A laser is required to set line and grade on all storm sewer. It is the Contractor's sole responsibility to ensure that the storm sewers are constructed to the line and grade as indicated on the plans. Any variation from the Engineer's stakes or the plan elevations shall immediately be reported to the Engineer.

Connections to existing structures shall be by a method approved by the Engineer. Connections to existing structures shall not be paid for separately, but shall be included in the cost of STORM SEWER. Connections to existing storm sewer shall be by a method approved by the Engineer. Connections to existing storm sewer shall not be paid for separately, but shall be included in the cost of STORM SEWER.

Backfilling and Restoration: The Contractor shall backfill the trench with excavated material in parkway or turf areas and trench backfill when the edge of the trench is within 2 feet of existing or final paved areas. All backfilling shall be in compliance with these specifications. Backfilling trenches with select aggregate material shall be paid for separately as TRENCH BACKFILL. Restoration in turf areas shall be paid for separately as LANDSCAPE RESTORATION.

Abandoning Existing Storm Sewer: Existing storm sewer to be abandoned shall be abandoned in place and filled with controlled low-strength material (CLSM). CLSM shall meet the requirements of Section 1019 of the SSRB and the mix shall be approved by the Engineer. Abandoned storm sewer shall be paid for separately per Cubic Yard as ABANDON EXISTING STORM SEWER, CLSM.

Method of Measurement: This work shall be measured in place and the quantity computed for payment per Lineal Foot.

Basis of Payment: This work will be paid for at the contract unit price per Lineal Foot for STORM SEWER of the size, material, and type shown on the plan.

MODIFIED URETHANE PAVEMENT MARKING

Description: This work consists of furnishing labor, equipment, and materials to install modified urethane pavement markings according to Section 780 of the SSRB, the MUTCD, IDOT Highway Standard 780001, and as herein specified.

Construction Requirements: Existing pavement markings that have been damaged or removed by construction activities shall be replaced with modified urethane pavement markings of the same size at the same locations. If existing pavement markings or portions thereof need further removal prior to placing new pavement markings, as determined by the Engineer, they shall be removed according to Section 783 of the SSRB. This pavement marking removal will not be paid for separately, but shall be included in the cost of MODIFIED URETHANE PAVEMENT MARKING of the size and type required.

Pavement marking installation shall take place between July 1st and September 30th. The pavement surface shall be cleaned according to the manufacturer's recommendations prior to installation. At least 10 calendar days shall pass after pavement installation before pavement markings are installed.

Method of Measurement: This work shall be measured in place and the quantity computed for payment per Foot. Double lines shall be measured as two separate lines.

Basis of Payment: This work shall be paid for at the contract unit price per foot for MODIFIED URETHANE

PAVEMENT MARKING of the size and type required.

MOBILIZATION

Description: This work consists of furnishing labor, equipment, and materials for the preparatory work and operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site according to Section 671 of the SSRB.

Basis of Payment: This work will be paid for at the contract Lump Sum price for MOBILIZATION according to Article 671.02 of the SSRB.

CONSTRUCTION LAYOUT

Description: This work consists of furnishing labor, equipment, and materials to place layout stakes and perform layout work necessary to construct the work to the lines and grades shown on the plans.

Construction Requirements: The Engineering Plans include adequate benchmarks and reference points to the centerline of survey or other control points as applicable. Any additional information or clarification requested by the Contractor shall be sent to the Engineer in writing prior to layout work taking place.

The Contractor shall perform the entire layout for the work, including setting additional stakes which are needed to establish offset stakes, setting reference points, and setting any other horizontal or vertical controls, including supplementary benchmarks, necessary to secure a correct layout of the work. The Contractor will not be required to set additional stakes to locate a utility line which is not included as a pay item in the contract nor to determine property lines between private properties.

The Contractor shall be responsible for having the finished work conform to the lines, grades, elevations, and dimensions called for in the plans. Any inspection or checking of the Contractor's layout by the Engineer and the acceptance of all or any part of it shall not relieve the Contractor of their responsibility to secure the proper dimensions, grades, and elevations of the entire work. The Contractor shall exercise care in the preservation of stakes and benchmarks and shall have them reset when any are lost, displaced, removed, or otherwise damaged.

Method of Measurement: This work will be measured on a Lump Sum basis.

Basis of Payment: This work will be paid for at the contract Lump Sum price for CONSTRUCTION LAYOUT.

TRAFFIC CONTROL AND PROTECTION

Description: Traffic control and protection shall be in accordance with the applicable sections of the SSRB, the Supplemental Specifications, the *Illinois Manual on Uniform Traffic Control Devices for Streets and Highways*, the Detour Plan included in the plans, and any special details, Highway Standards, and Special Provisions contained herein. This work shall include furnishing, installing, maintaining, relocating, and removing all traffic control devices used for the purpose of regulating, warning, or directing traffic during the construction or maintenance of this improvement.

Special attention is called to Articles 107.09 and 107.14 of the SSRB and the following Highway Standards, Details, Quality Standards for Work Zone Traffic Control Devices, and Recurring Special Provisions as they relate to traffic control.

Standard Drawings

701501, 701801, 701901

Standard Specifications and Recurring Special Provisions

Work Zone Traffic Control (LRS 3)

Work Zone Traffic Control and Protection (Section 701)

Details

TC-10 - Traffic Control and Protection for Side Roads, Intersections, and Driveways

TC-21 – Detour Signing for Closing State Highways

At the preconstruction meeting, the Contractor shall furnish the name of the individual in his direct employ who is to be responsible for the installation and maintenance of the traffic control for this project. If the actual installation and maintenance are to be accomplished by a subcontractor, consent shall be requested of the Engineer at the time of the submittal of bids. This shall not relieve the Contractor of the foregoing requirement for a responsible individual in his direct employ. The City will provide the Contractor the name of its representative who will be responsible for the administration of traffic control.

Construction Requirements: The Contractor shall notify the City at least 72 hours in advance of beginning any work. Approved detour routes shall be in place prior to any work commencing. Access to driveways and entrances for local traffic shall be maintained to the extent practicable during the execution of this work. When lane assignments conflict with existing pavement markings, approved traffic control devices such as signs, cones, barrels, and barricades shall be used to delineate traffic lanes. When available street width is not sufficient to allow for two-lane, two-way traffic, certified flaggers will be required in accordance with the standards included herein.

The Contractor shall be responsible for the proper location, installation, and arrangement of all traffic control devices. Special attention shall be given to advance warning signs during construction operations in order to keep lane assignment consistent with barricade placement at all times. The Contractor will be required to cover all traffic control devices which are inconsistent with lane assignment patterns and detour routes during the transition from one construction stage to another. Construction signs referring to daytime lane closures during working hours shall be removed or covered during non-working hours.

The Contractor shall be responsible for coordination of all traffic control work on this project with adjoining or overlapping projects and for coordination of barricade placement necessary to provide a uniform traffic detour pattern. When directed by the Engineer, the Contractor will be required to remove all traffic control devices which were furnished, installed, and maintained by him under this contract, and such devices shall remain the property of the Contractor. All traffic control devices shall remain in place until specific authorization for relocation or removal is received from the Engineer. The Contractor shall ensure that all applicable traffic control devices installed by him are operational 24 hours a day, including Sundays and holidays.

The Contractor shall provide a manned telephone on a continuous 24-hour-a-day basis to receive notification of any deficiencies regarding traffic control and protection and shall dispatch personnel, materials, and equipment to correct any such deficiencies. The Contractor shall be required to respond to any call from the City or Engineer concerning any request for improving or correcting traffic control devices and begin making the requested corrections within two hours from the time of notification.

The Contractor shall plan his work so that there will be no open holes in the pavement during non-working hours. Steel plates over trenches will be permitted; however, they must be of sufficient strength and stability to accommodate all traffic. Pinning of steel plates as well as installation of asphalt ramps along the edge of plates may be required at the discretion of the Engineer.

The governing factor in the execution and staging of work for this project is to provide the motoring public with the safest possible travel conditions along the roadway through construction zones. The Contractor shall arrange his operations so as to keep the closure of any lane of the roadway to a minimum.

Revisions in the phasing of construction or maintenance operations requested by the Engineer may require traffic control to be installed in accordance with standards and/or designs other than those included in the plans. In such cases, the standards and/or design will be made available to the Contractor at least one week in advance of the change in traffic control. Payment for traffic control required by these standards and/or design will be in accordance with Article 109.04 of the SSRB.

Revisions in the phasing of construction or maintenance operations requested by the Contractor may require

traffic control to be installed in accordance with standards and/or designs other than those included in the plans. Revisions or modifications to the traffic control shown in the contract shall be submitted by the Contractor for approval by the Engineer. No additional compensation will be approved for revisions or modifications to the traffic control requested by the Contractor.

Method of Measurement: This work will be measured on a lump sum basis.

Basis of Payment: This work will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION.

PRE-CONSTRUCTION VIDEO TAPING

Description: This work consists of furnishing labor, equipment, and materials to video the surface conditions of the work zone prior to the initiation of construction activities.

Construction Requirements: The required video shall include the full width of the right-of-way and shall cover the entire project area including equipment and material storage areas. The video shall clearly document the condition of the existing ground surface, pavement, curb and gutter, sidewalk, driveways, landscaping, above ground utilities, and other items.

The video shall include annotation or audio documenting the date, time, and location. The video shall be provided in an approved digital format to both the City and the Engineer for their records prior to the commencement of construction activities.

Method of Measurement: This work will be measured on a Lump Sum basis.

Basis of Payment: This work will be paid for at the contract Lump Sum price for PRE-CONSTRUCTION VIDEO TAPING.

CONTAMINATED WASTE DISPOSAL

Description: This work consists of furnishing labor, equipment, and materials to dispose of material from the worksite that is determined to be contaminated based upon criteria of the Illinois Environmental Protection Agency for Clean Construction Demolition Debris materials.

The various locations of this project are not potentially impacted property and the soil is presumed to be uncontaminated. Soil testing information and IEPA LPC-662 certifications for this project will be provided to the Contractor at the Pre-Construction Meeting.

Method of Measurement: This work shall be measured by verified load ticket and the quantity computed for payment in Cubic Yards.

Basis of Payment: This work shall be paid for at the contract unit price per Cubic Yard for CONTAMINATED WASTE DISPOSAL.

Kane County Prevailing Wage Rates posted on 7/15/2025

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	16.23	19.80	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	27.87	2.01	1.04		0.00	0.00
CEMENT MASON	All	ALL		52.15	54.15	2.0	1.5	2.0	2.0	12.86	30.96	0.00	0.80	0.00	0.00	0.00
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 TECHNICIAN	N	BLD		46.63	49.03	1.5	1.5	2.0	2.0	14.67	19.15	0.00	0.93	0.00	10.04	20.08
COMMUNICATION TECHNICIAN	S	BLD		47.11	50.36	1.5	1.5	2.0	2.0	17.30	17.69	0.00	1.65	0.00	0.00	0.00
ELECTRIC PWR EQMT OP	All	ALL		52.47	71.60	1.5	1.5	2.0	2.0	7.50	14.69	0.00	1.84	1.57	9.05	18.10
ELECTRIC PWR GRNDMAN	All	ALL		40.31	71.60	1.5	1.5	2.0	2.0	7.50	11.29	0.00	1.41	1.21	6.96	13.91
ELECTRIC PWR LINEMAN	All	ALL		63.08	71.60	1.5	1.5	2.0	2.0	7.50	17.66	0.00	2.21	1.89	10.88	21.76
ELECTRIC PWR TRK DRV	All	ALL		41.77	71.60	1.5	1.5	2.0	2.0	7.50	11.70	0.00	1.47	1.25	7.20	14.40
ELECTRICIAN	N	ALL		59.11	64.11	1.5	1.5	2.0	2.0	16.83	24.13	0.00	1.77	0.00	12.71	25.41
ELECTRICIAN	S	BLD		60.17	66.19	1.5	1.5	2.0	2.0	17.55	23.84	0.00	2.11	0.00	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		50.68	56.76	1.5	1.5	2.0	2.0	13.56	27.20	0.00	1.80	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		55.55	62.22	2.0	2.0	2.0	2.0	13.56	31.29	0.00	1.80	0.00	0.00	0.00
LABORER	All	ALL		51.40	52.15	1.5	1.5	2.0	2.0	16.23	19.80	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	27.87	2.01	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

Kane County Prevailing Wage Rates posted on 7/15/2025

MATERIAL TESTER I	All	ALL		41.40		1.5	1.5	2.0	2.0	16.23	19.80	0.00	0.91	0.00	0.00	0.00
MATERIALS TESTER II	All	ALL		46.40		1.5	1.5	2.0	2.0	16.23	19.80	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	27.87	2.01	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		53.25	53.25	1.5	1.5	2.0	2.0	25.20	22.75	2.00	3.00		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	E	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	56.30	1.5	1.5	1.5	2.0	16.20	11.43	0.00	1.75	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
PILEDRIIVER	All	ALL		56.71	58.71	1.5	1.5	2.0	2.0	13.64	27.87	2.01	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
ROOFER	All	BLD		52.00	57.00	1.5	1.5	2.0	2.0	12.20	17.59	0.00	1.14	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		58.83	63.54	1.5	1.5	2.0	2.0	17.16	19.90	0.00	1.79	2.62	0.00	0.00
SPRINKLER FITTER	All	BLD		60.00	62.75	1.5	1.5	2.0	2.0	14.95	19.40	0.00	1.10	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		51.40	52.15	1.5	1.5	2.0	2.0	16.23	19.80	0.00	0.91	0.00	0.00	0.00
SURVEY WORKER	All	HWY		51.40	52.15	1.5	1.5	2.0	2.0	16.23	19.80	0.00	0.91	0.00	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	All	ALL	1	45.31	45.80	1.5	1.5	2.0	2.0	12.15	16.00	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	2	45.46	45.80	1.5	1.5	2.0	2.0	12.15	16.00	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	3	45.66	45.80	1.5	1.5	2.0	2.0	12.15	16.00	0.00	0.30	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	45.80	45.80	1.5	1.5	2.0	2.0	12.15	16.00	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

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 KANE COUNTY

ELECTRICIANS AND COMMUNICATIONS TECHNICIAN (NORTH) - Townships of Burlington, Campton, Dundee, Elgin, Hampshire, Plato, Rutland, St. Charles (except the West half of Sec. 26, all of Secs. 27, 33, and 34, South half of Sec. 28, West half of Sec. 35), Virgil and Valley View CCC and Elgin Mental Health Center.

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.

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 TECHNICIAN

Construction, installation, maintenance and removal of telecommunication facilities (voice, sound, data and video), telephone, security systems, fire alarm systems that are a component of a multiplex system and share a common cable, and data inside wire, interconnect, terminal equipment, central offices, PABX and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area network), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

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-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 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 ENGINEERS - FLOATING

Diver. Diver Wet Tender, Diver Tender, 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.

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 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 Turnapulls or Turnatrailers 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 Turnatrailers or turnapulls 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.

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.

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".

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
WORK ZONE TRAFFIC CONTROL SURVEILLANCE

Effective: January 1, 1999
Revised: January 1, 2018

Revise Article 701.10 of the Standard Specifications to read:

“The Contractor shall conduct inspections of the worksite at a frequency that will allow for the timely replacement of any traffic control device that has become displaced, worn, or damaged. A sufficient quantity of replacement devices, based on vulnerability to damage, shall be readily available to meet this requirement.”

Delete Article 701.20(g) of the Standard Specifications.

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State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
FLAGGERS IN WORK ZONES

Effective: January 1, 1999

Revised: January 1, 2007

Revise the last paragraph of Article 701.13 of the Standard Specifications to read:

“Flaggers are required only when workers are present.”

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
CONTRACT CLAIMS

Effective: January 1, 2002
Revised: January 1, 2007

Revise the second sentence of subparagraph (a) of Article 109.09 of the Standard Specifications to read:

"All claims shall be submitted to the Engineer."

Revise subparagraph (e) of Article 109.09 of the Standard Specifications to read:

"(e) Procedure. All Claims shall be submitted to the Engineer. The Engineer will consider all information submitted with the claim. Claims not conforming to this Article will be returned without consideration. The Engineer may schedule a claim presentation meeting if, in the Engineer's judgment, such a meeting would aid in resolution of the claim, otherwise a decision will be based on the claim documentation submitted. A final decision will be rendered within 90 days of receipt of the claim.

Full compliance by the Contractor with the provisions specified in this Article is a contractual condition precedent to the Contractor's right to seek relief in the Court of Claims. The Engineer's written decision shall be the final administrative action of the Department. Unless the Contractor files a claim for adjudication by the Court of Claims within 60 days after the date of the written decision, the failure to file shall constitute a release and waiver of the claim."

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State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
BIDDING REQUIREMENTS AND CONDITIONS FOR CONTRACT PROPOSALS

Effective: January 1, 2002

Revised: January 1, 2015

Replace Article 102.01 of the Standard Specifications with the following:

“Prequalification of Bidders. When prequalification is required and the Awarding Authority for contract construction work is the County Board of a County, the Council, the City Council, or the President and Board of Trustees of a city, village, or town, each prospective bidder, in evidence of competence, shall furnish the Awarding Authority as a prerequisite to the release of proposal forms by the Awarding Authority, a certified or photostatic copy of a "Certificate of Eligibility" issued by the Department of Transportation, according to the Department's "Prequalification Manual".

The two low bidders must file, within 24 hours after the letting, a sworn affidavit in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work, using the blank form made available for this affidavit. One copy shall be filed with the Awarding Authority and two copies with IDOT's District office.

Issuance of Proposal Forms. The Awarding Authority reserves the right to refuse to issue a proposal form for bidding purposes for any of the following reasons:

- (a) Lack of competency and adequate machinery, plant, and other equipment, as revealed by the financial statement and experience questionnaires required in the prequalification procedures.
- (b) Uncompleted work which, in the judgment of the Awarding Authority, might hinder or prevent the prompt completion of additional work awarded.
- (c) False information provided on a bidder's "Affidavit of Availability".
- (d) Failure to pay, or satisfactorily settle, all bills due for labor and material on former contracts in force at the time of issuance of proposal forms.
- (e) Failure to comply with any prequalification regulations of the Department.
- (f) Default under previous contracts.
- (g) Unsatisfactory performance record as shown by past work for the Awarding Authority, judged from the standpoint of workmanship and progress.
- (h) When the Contractor is suspended from eligibility to bid at a public letting where the contract is awarded by, or requires approval of, the Department.

- (i) When any agent, servant, or employee of the prospective bidder currently serves as a member, employee, or agent of a governmental body that is financially involved in the proposal work.
- (j) When any agent, servant, or employee of the perspective bidder has participated in the preparation of plans or specifications for the proposed work.

Interpretation of Quantities in the Bid Schedule. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased, or omitted as hereinafter provided.

Examination of Plans, Specifications, Special Provisions, and Site of Work. The bidder shall, before submitting a bid, carefully examine the provisions of the contract. The bidder shall inspect in detail the site of the proposed work, investigate and become familiar with all the local conditions affecting the contract and fully acquaint themselves with the detailed requirements of construction. Submission of a bid shall be a conclusive assurance and warranty the bidder has made these examinations and the bidder understands all requirements for the performance of the work. If his/her bid is accepted, the bidder shall be responsible for all errors in the proposal resulting from his/her failure or neglect to comply with these instructions. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses, or change in anticipated profits resulting from such failure or neglect of the bidder to make these examinations.

The bidder shall take no advantage of any error or omission in the proposal and advertised contract. Any prospective bidder who desires an explanation or interpretation of the plans, specification, or any of the contract documents, shall request such in writing from the Awarding Authority, in sufficient time to allow a written reply by the Awarding Authority that can reach all prospective bidders before the submission of their bids. Any reply given a prospective bidder concerning any of the contract documents, plans, and specifications will be furnished to all prospective bidders in the form determined by the Awarding Authority including, but not limited to, an addendum, if the information is deemed by the Awarding Authority to be necessary in submitting bids or if the Awarding Authority concludes the information would aid competition. Oral explanations, interpretations, or instructions given before the submission of bids unless at a prebid conference will not be binding on the Awarding Authority.

Preparation of the Proposal. Bidders shall submit their proposals on the form furnished by the Awarding Authority. The proposal shall be executed properly, and bids shall be made for all items indicated in the proposal form, except when alternate bids are asked, a bid on more than one alternate for each item is not required, unless otherwise provided. The bidder shall indicate in figures, a unit price for each of the separate items called for in the proposal form; the bidder shall show the products of the respective quantities and unit prices in the column provided for that purpose, and the gross sum shown in the place indicated in the proposal form shall be the

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summation of said products. All writing shall be with ink or typewriter, except the signature of the bidder which shall be written in ink.

If the proposal is made by an individual, that individual's name and business address shall be shown. If made by a firm or partnership, the name and business address of each member of the firm or partnership shall be shown. If made by a corporation, the proposal shall show the names, titles, and business addresses of the president, corporate secretary and treasurer. The proposal shall be signed by president or someone with authority to execute contracts and attested by the corporate secretary or someone with authority to execute or attest to the execution of contracts.

When prequalification is required, the proposal form shall be submitted by an authorized bidder in the same name and style as shown on the "Contractor's Statement of Experience and Financial Condition" used for prequalification.

Rejection of Proposals. The Awarding Authority reserves the right to reject any proposal for any of the conditions in "Issuance of Proposal Forms" or for any of the following reasons:

- (a) More than one proposal for the same work from an individual, firm, partnership, or corporation under the same name or different names.
- (b) Evidence of collusion among bidders.
- (c) Unbalanced proposals in which the bid prices for some items are, in the judgment of the Awarding Authority, out of proportion to the bid prices for other items.
- (d) If the proposal does not contain a unit price for each pay item listed, except in the case of authorized alternate pay items or lump sum pay items.
- (e) If the proposal form is other than that furnished by the Awarding Authority; or if the form is altered or any part thereof is detached.
- (f) If there are omissions, erasures, alterations, unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the proposal incomplete, indefinite or ambiguous as to its meaning.
- (g) If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- (h) If the proposal is not accompanied by the proper proposal guaranty.
- (i) If the proposal is prepared with other than ink or typewriter, or otherwise fails to meet the requirements of the above "Preparation of Proposal" section.

Proposal Guaranty. Each proposal shall be accompanied by a bid bond on the Department form contained in the proposal, executed by a corporate surety company satisfactory to the Awarding Authority, by a bank cashier's check or a properly certified check for not less than five percent of the amount bid, or for the amount specified in the following schedule:

Amount Bid	Proposal Guaranty	
Up to	\$5,000	\$150
>\$5,000	\$10,000	\$300
>\$10,000	\$50,000	\$1,000
>\$50,000	\$100,000	\$3,000
>\$100,000	\$150,000	\$5,000
>\$150,000	\$250,000	\$7,500
>\$250,000	\$500,000	\$12,500
>\$500,000	\$1,000,000	\$25,000
>\$1,000,000	\$1,500,000	\$50,000
>\$1,500,000	\$2,000,000	\$75,000
>\$2,000,000	\$3,000,000	\$100,000
>\$3,000,000	\$5,000,000	\$150,000
>\$5,000,000	\$7,500,000	\$250,000
>\$7,500,000	\$10,000,000	\$400,000
>\$10,000,000	\$15,000,000	\$500,000
>\$15,000,000	\$20,000,000	\$600,000
>\$20,000,000	\$25,000,000	\$700,000
>\$25,000,000	\$30,000,000	\$800,000
>\$30,000,000	\$35,000,000	\$900,000
Over	\$35,000,000	\$1,000,000

In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must equal to the sum of the proposal guaranties which would be required for each individual proposal.

Bank cashier's checks or properly certified checks accompanying proposals shall be made payable to the County Treasurer, when a County is the Awarding Authority; or the City, Village, or Town Treasurer, when a city, village, or town is the Awarding Authority.

The proposal guaranty checks of all, except the two lowest responsible, will be returned promptly after the proposals have been checked, tabulated, and the relation of the proposals established. Proposal guaranty checks of the two lowest bidders will be returned as soon as the contract and contract bond of the successful bidder have been properly executed and approved. Bid bonds will not be returned.

After a period of three working days has elapsed after the date of opening proposals, the Awarding Authority may permit the two lowest bidders to substitute for the bank cashier's checks or certified checks submitted with their proposals as proposal guaranties, bid bonds on the Department forms executed by corporate surety companies satisfactory to the Awarding Authority.

Delivery of Proposals. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Authority and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to

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Bidders. Proposals received after the time specified will be returned to the bidder unopened.

Withdrawal of Proposals. Permission will be given a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

Public Opening of Proposals. Proposals will be opened and read publicly at the time and place specified in the Notice to Bidders. Bidders, their authorized agents, and other interested parties are invited to be present.

Consideration of Proposals. After the proposals are opened and read, they will be compared on the basis of the summation of the products of the quantities shown in the bid schedule by the unit bid prices. In awarding contracts, the Awarding Authority will, in addition to considering the amounts stated in the proposals, take into consideration the responsibility of the various bidders as determined from a study of the data required under "Prequalification of Bidders", and from other investigations which it may elect to make.

The right is reserved to reject any or all proposals, to waive technicalities, or to advertise for new proposals, if in the judgment of the Awarding Authority, the best interests of the Awarding Authority will be promoted thereby.

Award of Contract. The award of contract will be made within 45 calendar days after the opening of proposals to the lowest responsible and qualified bidder whose proposal complies with all the requirements prescribed. The successful bidder will be notified by letter of intent that his/her bid has been accepted, and subject to the following conditions, the bidder will be the Contractor.

An approved contract executed by the Awarding Authority is required before the Awarding Authority is bound. An award may be cancelled any time by the Awarding Authority prior to execution in order to protect the public interest and integrity of the bidding process or for any other reason if, in the judgment of the Awarding Authority, the best interests of the Awarding Authority will be promoted thereby.

If a contract is not awarded within 45 days after the opening of proposals, bidders may file a written request with the Awarding Authority for the withdrawal of their bid, and the Awarding Authority will permit such withdrawal.

Requirement of Contract Bond. If the Awarding Authority requires a Contract Bond, the Contractor or Supplier shall furnish the Awarding Authority a performance and payment bond with good and sufficient sureties in the full amount of the contract as the penal sum. The surety shall be acceptable to the Awarding Authority, shall waive notice of any changes and extensions of time, and shall submit its bond on the form furnished by the Awarding Authority.

Execution of Contract. The contract shall be executed by the successful bidder and returned, together with the Contract Bond, within 15 days after the contract has been mailed to the bidder.

If the bidder to whom the award is made is a corporation organized under the laws of a State other than Illinois, the bidder shall furnish the Awarding Authority a

copy of the corporation's Certificate of Authority to do business in the State of Illinois with the return of the executed contract and bond. Failure to furnish such evidence of a Certificate of Authority within the time required will be considered as just cause for the annulment of the award and the forfeiture of the proposal guaranty to the Awarding Authority, not as a penalty, but in payment of liquidated damages sustained as a result of such failure.

Failure to Execute Contract. If the contract is not executed by the Awarding Authority within 15 days following receipt from the bidder of the properly executed contracts and bonds, the bidder shall have the right to withdraw his/her bid without penalty.

Failure of the successful bidder to execute the contract and file acceptable bonds within 15 days after the contract has been mailed to the bidder shall be just cause for the cancellation of the award and the forfeiture of the proposal guaranty which shall become the property of the Awarding Authority, not as penalty, but in liquidation of damages sustained. Award may then be made to the next lowest responsible bidder, or the work may be readvertised and constructed under contract, or otherwise, as the Awarding Authority may decide."

CHECK SHEET #LRS17

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
SUBSTANCE ABUSE PREVENTION PROGRAM

Effective: January 1, 2008

Revised: January 1, 2014

In addition to all other labor requirements set forth in this proposal and in the Standard Specification for Road and Bridge Construction, adopted by the Department, during the performance of this contract, the Contractor for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees as follows:

Substance Abuse Prevention Program. Before the Contractor and any subcontractor commences work, the Contractor and any subcontractor shall have in place a written Substance Abuse Prevention Program for the prevention of substance abuse among its employees which meets or exceeds the requirements in 820 ILCS 265 or shall have a collective bargaining agreement in effect dealing with the subject matter of 820 ILCS 265.

The Contractor and any subcontractor shall file with the public body engaged in the construction of the public works: a copy of the Substance Abuse Prevention Program along with a cover letter certifying that their program meets the requirements of the Act, or a letter certifying that the Contractor or a subcontractor has a collective bargaining agreement in effect dealing with the subject matter of this Act.



2023-1130-01T

Plate No. 2

**Street Improvement along
EB Division Street from Rte. 25 and Esat Side Drive
City of Geneva
Boring Location Diagram**



BOREHOLE LOG

23856 W. Andrew Rd, Unit 103, Plainfield,

Client	City of Geneva	Plate 3
Location	Street Improvement along EB Division Street at Rte. 25, Geneva (41.898541, -88.299765)	
Job Number	2023-1130-01T	
Drill Rig Type	Geoprobe 7820 DT	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	680.00	Date: 6/22/2023

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
					1.0			AS & AGG	679.00	
					1.5				678.50	
1	SS	3.50	8.0	14.1	6.0	2.0		Brown Lean Clay (CL)	678.00	
						2.5		Trace Sand and Gravel-Very Stiff	677.50	
						3.0		Unit Weight 112.0 pcf	677.00	
						3.5			676.50	
						4.0		Light Brown Sand (SP)	676.00	
2	SS	NA	NA	NA	50/3"	4.5		With Gravel-Extremely Dense	675.50	
						5.0			675.00	

Refusal at 5'-End of Boring at 5'

Water Level While Drilling : Dry
 Water Level After Drilling : Dry
 Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

23856 W. Andrew Rd, Unit 103, Plainfield,

Client	City of Geneva	Plate 4
Location	Street Improvement along EB Division Street at 3rd Avenue, Geneva (41-898337, -88.298275)	
Job Number	2023-1130-01T	
Drill Rig Type	Geoprobe 7820 DT	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	704.00	Date: 6/22/2023

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5			4 Inches of Asphalt & 12 Inches of Aggregate	703.50
						1.0		AS & AGG		703.00
						1.5				702.50
1	SS	1.25	6.0	23.1	7.0	2.0		FILL	Dark Brown and Brown Lean Clay Fill (FILL)	702.00
						2.5			With Sand and Gravel-Stiff	701.50
						3.0				701.00
						3.5				700.50
						4.0				700.00
2	SS	4.50	14.0	16.2	22.0	4.5		CL	Brown Lean Clay (CL)	700.00
						5.0			Trace Sand and Gravel-Hard	699.50
						5.5			Unit Weight 115.3pcf	699.00
						6.0				698.50
						6.5				698.00
3	SS	4.50	16.0	17.6	21.0	7.0			Hard	697.50
						7.5			Unit Weight 114.8pcf	697.00
						8.0			696.50	
						8.5			696.00	
						9.0			695.50	
4	SS	4.50	18.9	18.9	18.0	9.5		Hard	695.00	
						10.0		Unit Weight 110.0 pcf	694.50	

Refusal at 10'-End of Boring at 10'

Water Level While Drilling : Dry
 Water Level After Drilling : Dry
 Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

23856 W. Andrew Rd, Unit 103, Plainfield,

Client	City of Geneva	Plate 5
Location	Street Improvement at 418 Division Street, Geneva (41.898078, 88.295230)	
Job Number	2023-1130-01T	
Drill Rig Type	Geoprobe 7820 DT	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	730.00	Date: 6/22/2023

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5			6 Inches of Asphalt & 12 Inches of Aggregate	729.50
						1.0		AS & AGG		729.00
						1.5				728.50
1	SS	1.75	10.0	17.1	7.0	2.0			Dark Brown and Brown Lean Clay (CL)	728.00
						2.5		CL	Trace Sand and Gravel-Stiff	727.50
						3.0			Unit Weight 99.8 pcf	727.00
						3.5				726.50
						4.0			Brown Lean Clay (CL)	726.00
2	SS	4.50	3.5	14.9	12.0	4.5			Trace Sand and Gravel-Hard	725.50
						5.0				725.00
						5.5				724.50
						6.0		CL		724.00
						6.5				723.50
3	SS	1.50	18.0	13.8	13.0	7.0			Stiff	723.00
						7.5			Unit Weight 109.1 pcf	722.50
						8.0				722.00
						8.5				721.50
						9.0			Gray Lean Clay (CL)	721.00
4	SS	4.00	18.0	15.0	14.0	9.5		CL	Hard	720.50
						10.0			Unit Weight 117.8 pcf	720.00

									<p align="center">Refusal at 10'-End of Boring at 10'</p> <p>Water Level While Drilling : Dry</p> <p>Water Level After Drilling : Dry</p> <p>Cave In Depth : None</p>	
									<p>Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability</p>	



BOREHOLE LOG

23856 W. Andrew Rd, Unit 103, Plainfield,

Client	City of Geneva	Plate 6
Location	Street Improvement along EB Division Street at East Side Drive, Geneva (41.898475, -88.292349)	
Job Number	2023-1130-01T	
Drill Rig Type	Geoprobe 7820 DT	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	744.00	Date: 6/22/2023

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5			4 Inches of Asphalt & 12 Inches of Aggregate	743.50
						1.0		AS & AGG		743.00
						1.5				742.50
1	SS	1.25	10.0	17.0	6.0	2.0			Brown Lean Clay (CL)	742.00
						2.5			Trace Sand and Gravel-Stiff	741.50
						3.0			Unit Weight 110.4 pcf	741.00
						3.5				740.50
						4.0				740.00
2	SS	4.50	8.0	13.0	26.0	4.5			Hard	739.50
						5.0			Unit Weight 124.1 pcf	739.00
						5.5				738.50
						6.0		CL		738.00
						6.5				737.50
3	SS	4.50	16.0	14.4	10.0	7.0			Hard	737.00
						7.5			Unit Weight 123.2 pcf	736.50
						8.0				736.00
						8.5				735.50
						9.0				735.00
4	SS	4.50	12.0	14.9	17.0	9.5			Hard	734.50
						10.0			Unit Weight 122.0 pcf	734.00

									Refusal at 10'-End of Boring at 10'	
									Water Level While Drilling : Dry	
									Water Level After Drilling : Dry	
									Cave In Depth : None	
									Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability	



BOREHOLE LOG

23856 W. Andrew Rd, Unit 103, Plainfield,

Client	City of Geneva	Plate 7
Location	Street Improvement at 318 Division Street, Geneva (41.898107, -88.298537)	
Job Number	2023-1130-01T	
Drill Rig Type	Geoprobe 7820 DT	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2	
Boring Elevation (ft)	720.00	Date: 6/22/2023

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5			4 Inches of Asphalt & 12 Inches of Aggregate	719.50
						1.0		AS & AGG		719.00
						1.5				718.50
1	SS	4.50	8.0	14.4	12.0	2.0			Dark Brown Lean Clay (CL)	718.00
						2.5			Trace Sand and Gravel-Hard	717.50
						3.0			Unit Weight 116.2 pcf	717.00
						3.5				716.50
						4.0		CL		716.00
2	SS	3.00	12.0	23.3	12.0	4.5			Very Stiff	715.50
						5.0			Unit Weight 98.4 pcf	715.00
						5.5				714.50
						6.0				714.00
						6.5				713.50
3	SS	2.75	14.0	13.5	9.0	7.0			Very Stiff	713.00
						7.5			Unit Weight 117.0 pcf	712.50
						8.0				712.00
						8.5				711.50
						9.0				711.00
4	SS	2.75	16.0	12.0	11.0	9.5			Very Stiff	710.50
						10.0			Unit Weight 117.6 pcf	710.00

									Refusal at 10'-End of Boring at 10'	
									Water Level While Drilling : Dry Water Level After Drilling : Dry Cave In Depth : None	
									Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability	