



COMPLEX PROJECTS
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**CITY OF TORONTO
JEFFERSON COUNTY, OHIO**

5TH & MYERS WATER LINE IMPROVEMENTS – PHASE 2

ADDENDUM #1

FEBRUARY 24, 2026

THRASHER PROJECT #010-10148

TO WHOM IT MAY CONCERN:

The following are clarifications and responses to questions posed by contractors for the above-referenced project.

A. GENERAL

- THE BID FORM HAS BEEN REVISED (PAGE 3). YOU MUST USE THE REVISED BID FORM WHEN PREPARING YOUR BID PACKAGE FOR THIS PROJECT.**
- Please note that this is a 30-day project and must be completed by May 31, 2026 in order to meet funding requirements and deadlines.**

B. DRAWING

- Sheet SL has been revised. (see question 2)

C. QUESTIONS AND RESPONSES

QUESTION

1. Can a detail for the connection to the existing 8” main at the intersection of 5th St and Myers St. be provided? Does this also include (1) of the connections to the existing 6” main?

RESPONSE

The tie-in to the existing 8-inch water main at the intersection of 5th Street and Myers Street will be completed by installing a cross fitting. This scope of work also includes one (1) connection to the existing 6-inch water main.

QUESTION

2. Notes under sequence of construction on sheet #PN2 mention to plane asphalt and install 2" asphalt wearing course, but there are no bid items for these. Please clarify.

RESPONSE

Sheet SL has been updated to include the required pavement work. The Bid Form (page 3) and the Price and Payment (page 7) specification have been revised accordingly to incorporate the associated bid item.

QUESTION

3. Please clarify. What type of pipe are the existing water mains?

RESPONSE

The existing 8" main along Myers Street is PVC C900 and the existing two 6" water mains along the 5th Street and Cleveland Street are cast iron.

QUESTION

4. Are each of the services getting tied in at the sidewalk?

RESPONSE

The existing service shall be connected at the location of the existing curb stop. The Contractor shall be responsible for locating the existing curb stop prior to performing the tie-in work and installation of new curb stop.

QUESTION

5. Do the existing fire hydrants remain in place?

RESPONSE

No. The existing hydrants are to be removed.

If you have any questions or comments, please feel free to contact Jim Nordquist at your earliest convenience at jnordquist@thethrashergroup.com. As a reminder, bids will be received until 9:00 a.m. on March 10, 2026, at Toronto City Hall located at 416 Clark St, Toronto, OH 43964. Good luck to everyone and thank you for your interest in the project.

Sincerely,
THE THRASHER GROUP, INC.
Jonathan Carpenter, P.E.
Principal Engineer



BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—OWNER AND BIDDER

1.01 This Bid is submitted to:

*City of Toronto
416 Clark St
Toronto, OH 43964*

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2—ATTACHMENTS TO THIS BID

2.01 The following documents are submitted with and made a condition of this Bid:

A. Bid Opening Requirements

ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES

GENERAL

The Bidder shall take notice of and shall be responsible for any local or state taxes levied and applicable, and the cost for the same shall be included as part of the submitted Bid.

The total Bid cost stated includes a complete operating installation including furnishing and installation of any and all changes or additions in plans, piping, mechanical work, additional electrical work, accessories, controls, etc. necessary to accommodate alternative equipment systems or materials used in construction.

BID PROPOSAL

The Bidder agrees to perform all required Work described in the detailed Specifications and as shown on the Plans for the complete construction and placing in satisfactory operation the **5th & Myers Water Line Improvements – Phase 2**. The Project "Sequence of Construction" has been detailed in the Drawings and Specification Division 1, Project Summary, Section 011000. The Bidder agrees to perform all the Work proposed for the total of the following Bid prices.

3.01 *Lump Sum Bids*

A. Bidder will complete the Work in accordance with the Contract Documents for the lump sum (stipulated) price(s), together with any Unit Prices indicated in Paragraph 3.02 and shown in the bid schedule.

~~B. Lump Sum Bids may be one of the following:~~

~~1. Lump Sum Price (Single Lump Sum)~~

~~2. Lump Sum Price (Base Bid and Alternates)~~

~~3. Lump Sum Price (Sectional Lump Sum Bids)~~

~~C. All specified cash allowance(s) are included in the price(s) set forth in the bid schedule and have been computed in accordance with Paragraph 13.02 of the General Conditions.~~

~~D. All specified contingency allowances are included in the price(s) set forth in the bid schedule and have been computed in accordance with Paragraph 13.02 of the General Conditions.~~

3.02 *Unit Price Bids*

A. Bidder will perform the following Work at the indicated unit prices as shown in the Bid Schedule.

B. Bidder acknowledges that:

1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

3.03 *Total Bid Price (Lump Sum and Unit Prices)*

**PROPOSED
 5th & Myers Water Line Improvements – Phase 2
 FOR THE**

**CITY OF TORONTO
 JEFFERSON COUNTY, OHIO
 THRASHER PROJECT #010-10148**

BID SCHEDULE

Item #	DESCRIPTION	QTY.	UNIT	UNIT COST	COST
1	Mobilization/Demobilization	1	LS		
2	Preconstruction Video	1	LS		
3	Erosion and Sediment Controls	1	LS		
4	6" PVC C900 DR-18	600	LF		
5	¾" Service Line Connection w/ New Curb Stop	10	EA		
6	Cut and Cap Existing Waterline	4	EA		

Item #	DESCRIPTION	QTY.	UNIT	UNIT COST	COST
7	Connect to Existing 4" Water Line	1	EA		
8	Connect to Existing 6" Water Line	2	EA		
9	Connect to Existing 8" Water Line	1	EA		
10	Fire Hydrant Assembly, Complete	2	EA		
11	6" M.JT. Gate Valve, Complete w/Box and Lid	3	EA		
12	4" M.JT. Gate Valve, Complete w/Box and Lid	1	EA		
13	Asphalt Trench Repair	600	LF		

TOTAL BASE BID ACTIVITY (GENERAL) _____

ASPHALT COURSE (ADDITIVE ALTERNATE 1):

Item #	DESCRIPTION	QTY.	UNIT	UNIT COST	COST
14	2" Asphalt Surface Course w/ Milling (Full Width)	600	LF		

TOTAL BID ACTIVITY (ADDITIVE ALTERNATE 1) _____

NOTE: THE CONTRACTOR'S UNIT PRICES SHALL INCLUDE PURCHASE AND INSTALLATION, COMPLETE IN PLACE, PER BID ITEM IN ACCORDANCE WITH THE DETAILED SPECIFICATIONS.

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

3.04 *Method of Award*

Method of Award = Lowest Qualified Bidder (Regular)

~~———— If at the time this contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceeds such amount, the owner may reject all bids.~~

~~A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.~~

~~B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.~~

~~{OR}~~

~~**{Method of Award = Lowest Qualified Bidder (Deductive Alternate)}**~~

~~—— If at the time this Contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible bidder, as listed in contract does not exceed the amount of funds estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceeds such amount, the Owner may reject all bids. The Owner may award the contract on the total bid submitted by a qualified, responsive, responsible bidder, less the amount(s) of the deductive alternate(s) subtracted in numerical order to produce the lowest bid within the funds available for financing.~~

~~A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.~~

~~B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.~~

~~{OR}~~

Method of Award - Lowest Qualified Bidder (Additive Alternates)

If at the time this contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. Awarding of Additive Alternate(s) will not affect the lowest Bidder. If such bids exceed such amount, the Owner may reject all bids.

The Owner will award the contract on the total base bid amount inclusive or exclusive of alternates as determined by the Owner and submitted by a qualified, responsive, responsible Bidder. The Owner may elect to award any or all of the additive alternates in no particular order.

A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.

- B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

{OR}

{Method of Award = Lowest Qualified Bidder (Multiple Contracts)}

~~—— If at the time this contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceeds such amount, the owner may reject all bids. The Owner may award the contract on the total bid submitted by a qualified, responsive, responsible bidder after apply the % deduct, if offered, as listed in contract to produce the lowest bid within the funds available for financing.~~

- A. ~~Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.~~
- B. ~~Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.~~

{OR}

{Method of Award = Lowest Qualified Bidder (Alternate Bids)}

~~—— If at the time this contract is to be awarded, the lowest total bid or either alternate total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceeds such amount, the owner may reject all bids. The Owner may award the contract on the total bid or either alternate total bid submitted by a qualified, responsive, responsible bidder less the amount of the deductive alternate as listed in contract to produce the lowest bid within the funds available for financing.~~

- A. ~~Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.~~
- B. ~~Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.~~

ARTICLE 4 — BASIS OF BID — COST PLUS FEE

4.01 ~~The Contract Price will be the Cost of the Work, determined as provided in Paragraph 13.01 of the General Conditions, together with the following fee, and subject to the Guaranteed Maximum Price.~~

4.02 *Contractor's Fee*

A. ~~Contractor's fee will be [number] percent of the Cost of the Work. No fee will be payable on the basis of costs itemized as excluded in Paragraph 13.01.C of the General Conditions.~~

1. ~~The maximum amount payable by Owner as a percentage fee (Guaranteed Maximum Fee) will not exceed \$[insert cap amount], subject to increases or decreases for changes in the Work.~~

B. ~~Contractor's fee will be determined by applying the following percentages to the various portions of the Cost of the Work as defined in Article 13 of the General Conditions. No fee will be payable on the basis of costs itemized as excluded in Paragraph 13.01.C of the General Conditions:~~

Costs	Percent
Payroll costs (See Paragraph 13.01.B.1, General Conditions)	
Materials and Installed Equipment cost (GC 13.01.B.2)	
Amounts to be paid to Subcontractors (GC 13.01.B.3)	
Amount to be paid to special consultants (GC 13.01.B.4)	
Other costs (GC 13.01.B.5)	

1. ~~The maximum amount payable by Owner as a percentage fee (Guaranteed Maximum Fee) will not exceed \$[insert cap amount], subject to increases or decreases for changes in the Work.~~

C. ~~Contractor's fee will be the fixed sum of \$[number].~~

4.03 *Guaranteed Maximum Price*

A. ~~The Guaranteed Maximum Price to Owner of the Cost of the Work including Contractor's Fee will not exceed \$[Bidder fill in GMP].~~

Deleted

ARTICLE 5 — PRICE PLUS TIME BID

5.01 *Price Plus Time Contract Award (Stipulated Price Contract)*

A. ~~The Bidder to which an award of the Contract will be made will be determined in part on the basis of the Total Bid Price and the total number of calendar days to substantially complete the Work, in accordance with the following:~~

	Description		Amount
A	1. Total Bid Price		\$[number]
	2. Total number of calendar days to substantially complete the Work	[number] days	
	3. Liquidated Damages Rate (from Agreement)	\$[number]/day	
B	4. Adjustment Amount (2 x 3)		\$[number]
A+B	5. Amount for Comparison of Bids		\$[number]

B. ~~The purpose of the process in the table above is only to calculate the lowest price plus time (A+B) bid amount for bid comparison purposes. The price for completion of the Work (the Contract Price) is the Total Bid Price.~~

C. ~~Bonds required under Paragraph 6.01 of the General Conditions will be based on the Contract Price.~~

5.02 ~~Price Plus Time Contract Award (Cost Plus Fee with Guaranteed Maximum Price Contract)~~

A. ~~The Bidder to which an award of Contract will be made will be determined in part on the basis of the Guaranteed Maximum Price and the total number of calendar days to substantially complete the Work, in accordance with the following:~~

	Description		Amount
A	1. Guaranteed Maximum Price		\${number}
	2. Total number of calendar days to substantially complete the Work	{number} days	
	3. Liquidated Damages Rate (from Agreement)	\${number}/day	
B	4. Adjustment Amount (2 x 3)		\${number}
A+B	5. Amount for Comparison of Bids		\${number}

B. ~~The purpose of the process in the table above is only to calculate the lowest price plus time (A+B) bid amount for bid comparison purposes. The price for completion of the Work (the Contract Price) is based on the cost of the Work, plus a fee, subject to a guaranteed maximum price, as set forth in the Agreement.~~

C. ~~Bonds required under Paragraph 6.01 of the General Conditions will be based on the Contract Price.~~

~~Deleted~~

ARTICLE 6—TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 ~~Bidder agrees that the Work will be substantially complete on or before [Bidder inserts date], and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before [Bidder inserts date].~~

~~Deleted~~

6.03 ~~Bidder agrees that the Work will be substantially complete within [Bidder inserts number] calendar days after the date when the Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions within [Bidder inserts number] calendar days after the date when the Contract Times commence to run.~~

~~Deleted~~

6.04 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7—BIDDER’S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

7.01 *Bid Acceptance Period*

A. This Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

7.02 *Instructions to Bidders*

A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

7.03 *Receipt of Addenda*

A. Bidder hereby acknowledges receipt of the Addenda: **ACKNOWLEDGE IN BOR-4.**

ARTICLE 8—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS

8.01 *Bidder’s Representations*

A. In submitting this Bid, Bidder represents the following:

1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder’s (Contractor’s) safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

8.02 *Bidder’s Certifications*

A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.

2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
 - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
 - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
 - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
 - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

(typed or printed name of organization)

By:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

Address for giving notices:

Bidder's Contact:

Name:

(typed or printed)

Title:

(typed or printed)

Phone:

Email:

Address:

Bidder's Contractor License No.: (if applicable)

SECTION 012000 - PRICE AND PAYMENT PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract Documents, including General and Supplementary Conditions, and all related Specification Sections, apply to this Section.

1.2 SECTION INCLUDES

- A. Cash allowances.
- B. Schedule of Values.
- C. Application for Payment.
- D. Measurement and Payment

1.3 CASH ALLOWANCES (If provided in the Bid Form)

- A. Costs Included in Cash Allowances: Cost of product to Contractor or Subcontractor, less applicable trade discounts; delivery to Site and applicable taxes unless stated otherwise in Allowance Schedule.
- B. Costs Not Included in Cash Allowances but Included in Contract Sum/Price: Product handling at Site including unloading, uncrating, and storage; protection of products from elements and from damage; and labor for installation and finishing unless stated otherwise in Allowance Schedule.
- C. Engineer Responsibilities:
 - 1. Consult with Contractor for consideration and selection of products suppliers and installers.
 - 2. Select products in consultation with Owner and transmit decision to Contractor.
 - 3. Prepare Change Order.
- D. Contractor Responsibilities:
 - 1. Assist Engineer in selection of products, suppliers, and installers.
 - 2. Obtain proposals from suppliers and installers and offer recommendations.
 - 3. Upon notification of selection by Engineer, execute purchase agreement with designated supplier and installer.
 - 4. Arrange for and process Shop Drawings, Product Data, and Samples. Arrange for delivery.
 - 5. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.

City of Toronto
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- E. Differences in costs will be adjusted by Change Order.
 - F. Allowance Schedule: If provided in and as per the Bid Form
 - G. Differences in cost between allowance(s) and actual cost(s) will be adjusted by Change Order.
- 1.4 SCHEDULE OF VALUES (As required for Lump Sum Project or Bid Item Breakdown on Unit Price Project)
- A. Submit printed schedule on Progress Estimate schedule on EJCDC C-620.
 - B. Submit Schedule of Values within 20 days after date established in Notice to Proceed.
 - C. Format for Lump Sum Project: Use Table of Contents of this Project Manual. Identify each line item with number and title of major Specification Section.
 - D. Revise schedule to list approved Change Orders with each Application for Payment.
- 1.5 APPLICATION FOR PAYMENT
- A. Submit six (6) executed copies of each Application for Payment on EJCDC C-620 - Contractor's Application for Payment.
 - B. Submit six (6) copies of executed copies of Abnormal Weather Conditions forms regardless if any days are claimed or not and Affidavit of Payment.
 - C. Submit six (6) American Iron and Steel Qualifying and De Minimus Materials List (if required by the Contract Documents).
 - D. Payment Period: Submit at intervals stipulated in the Agreement.
- 1.6 MEASUREMENT AND PAYMENT
- A. Take measurements and compute quantities. Engineer will verify measurements and quantities.
 - B. Unit Quantities: Quantities and measurements indicated on Bid Form are for Contract purposes only. Actual quantities provided shall determine payment.
 - C. Payment Includes: Full compensation for required labor, products, tools, equipment, plant and facilities, transportation, services and incidentals; erection, application, or installation of item of the Work; overhead and profit.
 - D. Final payment for Work governed by unit prices will be made on basis of actual measurements and quantities accepted by Engineer multiplied by unit sum/price for Work incorporated in or made necessary by the Work.
 - E. Measurement of Quantities:

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1. Weigh Scales: Inspected, tested, and certified by state in which work is being performed or state of origin of materials within past year.
2. Platform Scales: Of sufficient size and capacity to accommodate conveying vehicle.
3. Metering Devices: Inspected, tested, and certified by state in which work is being performed or state of origin of materials within past year.
4. Measurement by Weight: Concrete reinforcing steel, rolled or formed steel, or other metal shapes will be measured by handbook weights. Welded assemblies will be measured by handbook or scale weight.
5. Measurement by Volume: Measured by cubic dimension using mean length, width, and height or thickness.
6. Measurement by Area: Measured by square dimension using mean length and width or radius.
7. Linear Measurement: Measured by linear dimension, at item centerline or mean chord.
8. Stipulated Sum/Price Measurement: Items measured by weight, volume, area, or linear means or combination, as appropriate, as completed item or unit of the Work.

F. Payment

1. **General Conditions, Supplemental General Conditions, Specification Section 011000 through 017839 Except for General Conditions - Mobilization/Demobilization, Section 015000 - Temporary Facilities and Controls and Section 015700 Traffic Control.**

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which it is required.
- B. No additional compensation shall be made.

2. **General Conditions – Mobilization/Demobilization**

Bid Item 1 – Mobilization/Demobilization – Lump Sum

- A. When a lump sum bid item for Mobilization/Demobilization is provided in the Bid Form, this work shall be paid for at the lump sum bid price for construction preparatory operations including, but not limited to, the movement of personnel and equipment to the project site and the establishment of field office(s), building(s), and/or other facilities, payment of all bonding and insurance costs incurred by the Contractor, and the installation of the project sign if a sign is required in the Supplemental General Conditions.

In no case shall the lump sum bid price for Mobilization/Demobilization exceed five percent (5%) of the total bid.

Partial payment not exceeding three percent (3%) of the awarded total contract bid price shall be made as part of the first application for payment after mobilization is completed. The balance of this lump sum bid price shall be paid for as part of the first application for payment after final completion.

No deduction shall be made, nor shall any increase be made, in the lump sum bid price for Mobilization regardless of any decreases or increases in the final total contract price or for any other cause.

- B. When a bid item for Mobilization/Demobilization is not provided in the Bid Form, this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which mobilization/demobilization is required.
- C. No additional compensation shall be made.

3. Section 015000 – Temporary Facilities and Controls

Incidental

- A. When a per month bid item for Field Office and Sheds is provided in the Bid Form, this work shall be paid for at the per month bid price.
- B. When a lump sum bid item for Field Office and Sheds is not provided in the Bid Form and a lump sum bid item for Mobilization/Demobilization is provided in the Bid Form, this work shall be included in the lump sum bid price for Mobilization/Demobilization.
- C. When neither a lump sum bid item for Field Office and Sheds is provided in the Bid Form nor a lump sum bid item for Mobilization is provided in the Bid Form, the cost for Field Office and Sheds shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which the Field Office and Sheds are required. No additional compensation shall be made.

4. Section 015700 – Traffic Control

Incidental

- A. When a bid item for Traffic Control is not provided in the Bid Form, this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which Traffic Control is required.
- B. No additional compensation shall be made.

5. Section 024010 – Video Recording

Bid Item 2 – Pre-Construction Video Recording – Lump Sum

- A. When a lump sum bid item for Pre-Construction Video Recording is provided in the Bid Form, this work shall be paid for at the lump sum bid price for all location(s) directly and/or indirectly affected by the project.
- B. When a bid item for Pre-Construction Video Recording is not provided in the Bid Form, this work will be completed by others and will not be part of the Contractor's work.

6. Section 033000 – Cast-in-Place Concrete

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which cast-in-place concrete is required.
- B. No additional compensation shall be made.

7. Section 310513 – Soils for Earthwork

Incidental

- A. The cost for this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which soils for earthwork is required.
- B. No additional compensation shall be made.

8. Section 310516 – Aggregates for Earthwork

Incidental

- A. The cost for this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which aggregates for earthwork is required.
- B. No additional compensation shall be made.

9. Section 311100 – Clearing, Grubbing, and Restoration

Clearing and Grubbing - Incidental

- A. The cost for this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which clearing and/or grubbing are required.
- B. No additional compensation shall be made.
- C. All trees and vegetation within temporary construction easement limits shall be cleared (and grubbed if so specified) unless the property owner indicates in writing that certain trees are to remain and that the property owner will assume all responsibilities for removal of the trees in the future. Any such letter from the property owner shall be submitted to the Engineer for the record.

10. Section 312316 – Excavation

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which excavation is required. No additional compensation shall be made.

- B. Unless otherwise provided, all excavation shall be unclassified regardless of the material encountered. No additional compensation shall be made for rock or any soft or otherwise unsuitable material. No additional compensation shall be made for dewatering and/or sheet piling.

11. Section 312316.13 – Trenching

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which trenching is required. No additional compensation shall be made.
- B. Unless otherwise provided, all excavation shall be unclassified regardless of the material encountered. No additional compensation shall be made for rock or any soft or otherwise unsuitable material. No additional compensation shall be made for dewatering and/or sheet piling.

12. Section 312319 – Dewatering

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which dewatering is required.
- B. No additional compensation shall be made.

13. Section 312323.33 – Flowable Fill

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which flowable fill is required.
- B. No additional compensation shall be made.

14. Section 312500 – Erosion and Sedimentation Controls

Bid Item 3 – Erosion and Sedimentation Controls – Lump Sum

- A. When a lump sum bid item of Erosion and Sedimentation Controls is provided in the Bid Form, this work shall be paid for at the lump sum bid price for all erosion and sedimentation controls at all locations directly and/or indirectly disturbed by the project.

All operation and maintenance costs as well as recordkeeping and reporting costs shall be included in the lump sum bid item.

- B. When a bid item for Erosion and Sediment Controls is not provided in the Bid Form, this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which Erosion and Sediment Controls are required.

All operation and maintenance costs as well as recordkeeping and reporting costs shall be included.

No additional compensation shall be made.

15. Section 321216 – Concrete Resurfacing, Crushed Stone Resurfacing, and Asphalt Paving

Bid Item 13 –Asphalt Trench Repair – Per Linear Foot

Asphalt Course (Additive Alternate 1)

Bid Item 14 – 2” Asphalt Surface Course w/ Milling (Full Width) – Per Linear Foot

- A. Trench repairs, street, roadway, and driveway asphalt driveway repairs, bituminous concrete curb, and crushed stone repairs as required in the Drawings and/or Specifications shall be paid for at the linear foot unit bid price(s) for the type of repair and/or curb specified measured along the centerline of the utility pipe.
1. The designation of (Y”) and (X) in the Bid Item is provided in the Bid Form.
 2. Width shall not be considered.
 3. The cost shall include all work required in the Drawings and/or Specifications.
 4. The cost for temporary stone to maintain disturbed areas until repairs are made shall be included in the unit bid price(s) for the repair(s). No additional compensation shall be made.
 5. The cost for neatly cutting pavement prior to excavation shall be included in these Bid Items.
- B. Pavement, graveled areas, curb, and/or sidewalk and vegetated areas disturbed by the Contractor in areas where utility pipe is not installed shall be replaced by the Contractor at his expense at no additional cost to the Owner. No additional compensation will be made.

16. Section 321217 – Stone Surfacing Material

Incidental

- A. The cost for temporary stone to maintain disturbed areas until repairs are made shall be included in the unit bid price(s) for the repair(s). No additional compensation shall be made.

17. Section 329119 - Landscaping

Incidental

- A. The cost of this work shall be paid for at the lump sum bid price(s) and/or unit bid price(s) as provided in the Bid Form for reclamation or restoration of pipelines.

18. Section 330526 – Utility Identification

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for which utility identification is required.
- B. No additional compensation shall be made.

19. Section 331113 – Water Distribution Piping

Bid Item 4 – 6” C900 DR 18 PVC Water Line - Per Linear Foot

Bid Item 6 – Cut and Plug/Cap Existing Water Line – Per Each

Bid Item 7 – Connect to Existing (4”) Water Line – Per Each

Bid Item 8 – Connect to Existing (6”) Water Line – Per Each

Bid Item 9 – Connect to Existing (8”) Water Line – Per Each

- A. The cost for water line work shall be paid for at the linear foot unit bid price(s) for the size, type, and classification of water line pipe as provided in the Bid Form.
- B. The designation of (X”), (XX), and/or (XXX) in the Bid Item(s) are provided in the Bid Form. Other designations including, but not limited to, (Open Cut), (Bored and Jacked), (with), (without), (Service Tubing), (Water Line), (Iron Pipe Size), and/or (Ductile Iron Pipe Size) may be used to further describe the various Bid Items.
- C. The cost for water line work shall include, but not be limited to, bedding (where required in the Drawings and/or Specifications), water line pipe, polyethylene encasement for ductile iron pipe (where required in the Drawings and/or Specifications) traceable wire and related appurtenances (where required in the Drawings and/or Specifications), detectable warning tape, all fittings and concrete thrust blocks, shown in the Drawings, mechanical joint retainer restraints at all fittings shown in the Drawings, and concrete thrust blocks for fittings shown in the Drawings.
- D. Restoration of Disturbed Area, Concrete Resurfacing, Crushed Stone Resurfacing, and Asphalt Paving shall be paid for under other Bid Items(s) specified elsewhere.

- E. The cost for all fitting(s) and concrete thrust block(s) shown in the plans shall be included in the linear foot unit bid price(s) of the water line pipe. All mechanical joint fittings shall include mechanical joint retainer restraints at all fittings. No additional compensation shall be made.
- F. The cost for fitting(s) and concrete thrust block(s) not shown in the plans shall be paid for at the per pound of fittings unit bid price. Concrete thrust blocks(s) shall be included in the cost of the fitting(s). All mechanical joint fittings shall include mechanical joint retainer restraints at all fittings. No additional compensation for concrete thrust block(s) shall be made.
- G. The cost for a tie-in of a new water line to an existing water line shall include, but not be limited to, all fitting(s), solid sleeve and/or couplings, a gate valve (including a valve box with lid, a concrete foundation, a valve box adaptor, and a concrete stabilizing block), traceable wire and related appurtenances (where required in the Drawings and/or Specifications), detectable warning tape, concrete thrust blocking, and all other appurtenances required in the Drawings and/or the Specifications.
- H. The cost for a cut and cap/plug of an existing water line shall include, but not be limited to, a mechanical joint cap or plug with mechanical joint retainer restraint, concrete thrust blocking, and all other appurtenances required in the Drawings and/or the Specifications.

20. Section 331200 – Water Utility Distribution Equipment

Incidental

- A. The cost for work in this section will be paid for by the lump sum or unit bid price(s) for the Bid Items requiring the activity which includes materials and installation.

21. Section 331213 – Water Service Connections

Bid Item 5 – 3/4” Service Line Connection w/ New Curb Stop – Per Each

- A. The cost for connection to an existing service is to include a service saddle, a corporation stop, five feet (15’) of new service tubing, and the connection to the existing service line as required including pack joint coupling, and all other appurtenances required in the Drawings and/or Specifications.
- B. The cost of a curb stop shall include, but not be limited to, a service saddle, a corporation stop, a curb stop, a curb box with lid, a curb box plug, a concrete foundation, a concrete stabilizing block, traceable wire and related appurtenances (where required in the Drawings and/or Specifications), and detectable warning tape, and all other appurtenances required in the Drawings and/or Specifications.

- C. The cost of special landscaping restoration shall include, but not be limited, all work necessary to restore the described landscaping to its original condition or better.
- D. Restoration of Disturbed Area, Concrete Resurfacing, Crushed Stone Resurfacing, and Asphalt Paving shall be paid for under other Bid Items(s) specified elsewhere.

22. Section 331216 – Water Utility Distribution Valves

Bid Item 11 – 6” Gate Valve – Per Each

Bid Item 12 – 4” Gate Valve – Per Each

- A. The cost for this work shall be paid for at the per each bid price for the size (X”) and type of valve specified.
- B. The cost of the valve shall include, but not be limited to, a valve, mechanical joint retainer restraints at mechanical joint connections, a valve box with lid, a concrete foundation, a valve box adaptor, a valve box plug, a concrete stabilizing block, traceable wire and related appurtenances (where required in the Drawings and/or Specifications), and detectable warning tape, and all other appurtenances required in the Drawings and/or Specifications.
- C. Restoration of Disturbed Area, Concrete Resurfacing, Crushed Stone Resurfacing, and Asphalt Paving shall be paid for under other Bid Items(s) specified elsewhere.

23. Section 331219 – Water Utility Distribution Fire Hydrants

Bid Item 10 – Fire Hydrant Assembly – Per Each

- A. The cost for this work shall be paid for at the per each bid price for the fire hydrant assembly specified.
- B. The cost of a fire hydrant assembly shall include, but not be limited to, concrete thrust blocking, swivel hydrant tee, end of main line plug (as required), mechanical joint retainer restraints at mechanical joint connections, a gate valve (including a valve box with lid, a concrete foundation, a valve box adaptor, and a concrete stabilizing block), a fire hydrant (including plastic barrier, concrete thrust blocking, concrete foundations, and clean graded limestone), up to fifteen feet (15’) of water line, all thread rods with coal tar coating, traceable wire and related appurtenances (where required in the Drawings and/or Specifications), detectable warning tape, and all other appurtenances required in the Drawings and/or Specifications.
- C. Restoration of Disturbed Area, Concrete Resurfacing, Crushed Stone Resurfacing, and Asphalt Paving shall be paid for under other Bid Items(s) specified elsewhere.

24. Section 331300 – Disinfecting of Water Utility Distribution

Incidental

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for which disinfection is required.
- B. No additional compensation shall be made.

Water for Flushing and Disinfection

The Owner will provide to the Contractor, at no cost, up to four (4) times the volume of the water stored in the water lines installed in this Contract for use by the Contractor in flushing and disinfecting. Costs for volumes in excess of these amounts will be paid for by the Contractor to the Owner at the Leak Adjustment Rate or Bulk Water Rate, whichever is greater, published in the Water Purveyor's Tariff.

25. General Specifications

- A. The contract Specifications references provided attempt to outline the Contract Bid Item payment methodology for work to be performed. In the event of variation between the Bid Form and the preceding specification section measure and payment descriptions, the Contractor shall contact the Engineer before making any assumptions and proceeding with the Bid Item work or part thereof in question.

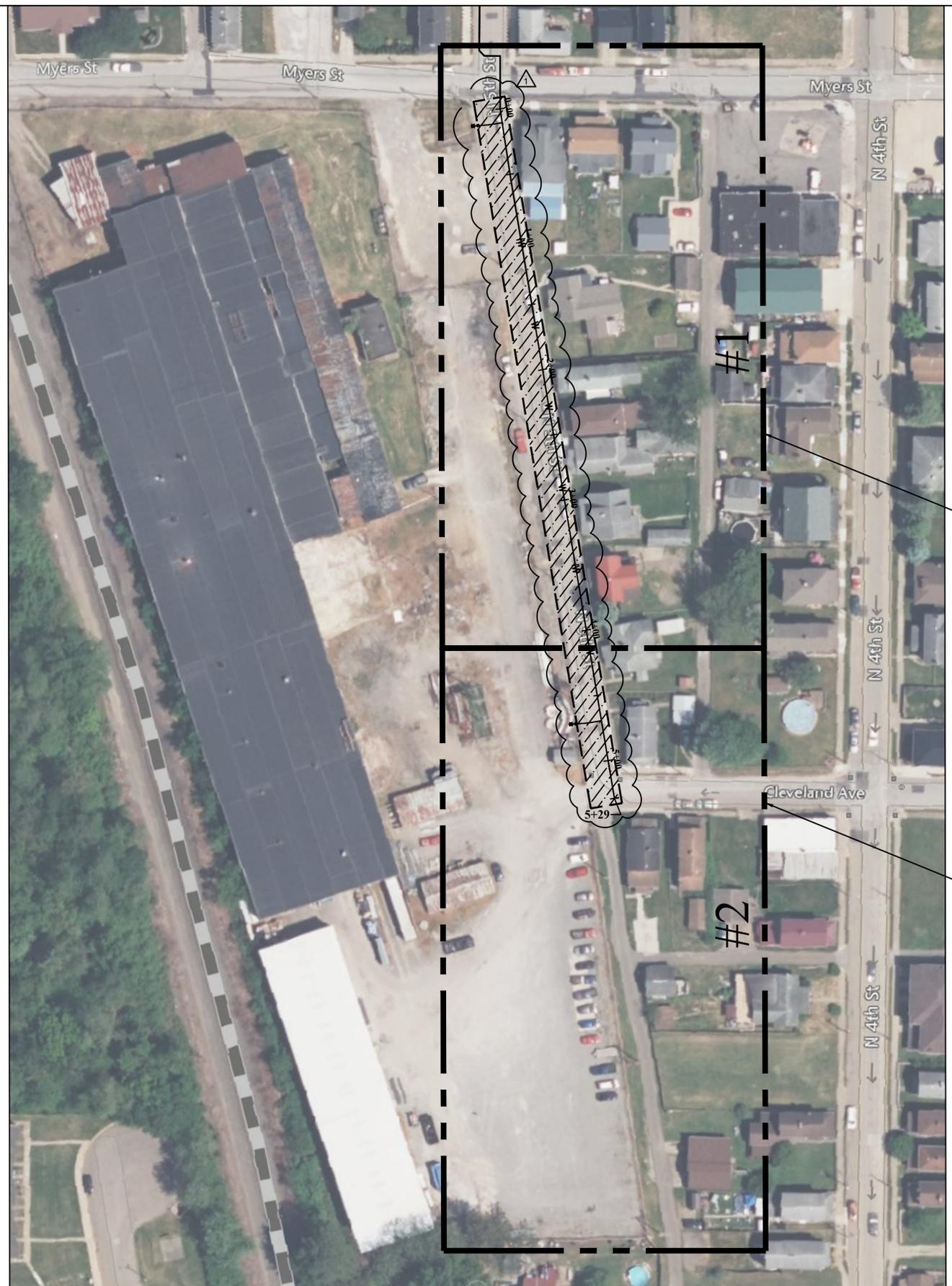
PART 2 - PRODUCTS - Not Used

PART 3 - EXECUTION - Not Used

END OF SECTION 012000

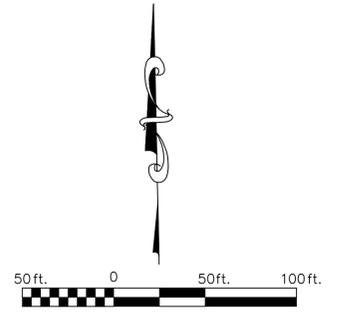
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CAD FILE: R:\010\010-10148-00-5th & Myers Waterline Improvement-city Of Toronto-\Drawing\PHASE II\DWG\SL SHEET LAYOUT.dwg
 PLOT DATE/TIME: 2/23/2026 9:20 AM
 LAYOUT: SL SHEET LAYOUT
 USER: carmen zaharia



SHEET 1: STA 0+00 - 4+00

SHEET 2: STA 4+00 - 5+29



GENERAL NOTE
 THE APPROXIMATE LOCATION OF UNDERGROUND UTILITIES THAT IS SHOWN ON THIS MAPPING HAS BEEN DETERMINED FROM PHYSICAL SURFACE EVIDENCE. THIS MAPPING DOES NOT GUARANTEE THE EXISTENCE OR LOCATION OF ANY UNDERGROUND UTILITY. PRIOR TO ANY CONSTRUCTION THE OWNER SHOULD CONTACT ALL PUBLIC AND PRIVATE UTILITY AGENCIES FRANCHISED TO SERVE THE PROJECT AREA AND DETERMINE THE EXISTENCE AND/OR LOCATION OF ALL UNDERGROUND UTILITIES.

PAVING LEGEND



SITE PLAN SYMBOLS

- EXISTING GAS LINE
- EXISTING WATER LINE
- EXISTING SANITARY SEWER LINE
- EXISTING STORM LINE
- TELEPHONE POLE
- POWER POLE
- POWER AND LIGHT POLE
- CATCH BASIN
- WATER VALVE
- FIRE HYDRANT
- GAS, WATER SERVICE VALVE
- SANITARY SEWER MANHOLE
- STORM MANHOLE
- EDGE OF TRENCH

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NO.	BY	DATE	DESCRIPTION
1	CZ	2/23/26	ADDENDUM #1 - ADDED MILL AND FILL OVERLAY TO N 5TH ST



SCALE: AS NOTED	
DRAWN: C.ZAHARIA	DATE: 01/2026
CHECKED: A. FECHKO	DATE: 01/2026
APPROVED: J.CARPENTER	DATE: 01/2026
SURVEY DATE:	
SURVEY BY:	
FIELD BOOK No.:	

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PHASE No.	PHASE II
CONTRACT No.	
PROJECT No.	010-10148

CITY OF TORONTO
5TH & MYERS WATER LINE
IMPROVEMENTS - PHASE 2
SHEET LAYOUT

SHEET No.	SL
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