



**VILLAGE OF GLENMONT  
HOLMES COUNTY, OHIO**

**WATER LINE REPLACEMENT**

**ADDENDUM #2**

**OCTOBER 5, 2023**

**THRASHER PROJECT #101-T10-11001**

TO WHOM IT MAY CONCERN:

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

**A. GENERAL**

1. **THE BID FORM HAS BEEN REVISED. YOU MUST USE THE REVISED BID FORM WHEN PREPARING YOUR BID PACKAGE FOR THIS PROJECT. QUANTITIES HAVE CHANGED ON BID ITEMS 7, 12, 28, 47, AND 66.**

**B. QUESTIONS AND RESPONSES**

**QUESTION**

1. 6" CL53 ductile on the base bid form is 100LF. I am not seeing 6" ductile called out on the plans other than a couple of feet between the hydrant and gate valve on the hydrant leads. Is there a plan page that is calling out for more ductile pipe?

**RESPONSE**

**The only ductile iron pipe is that which is shown on the hydrant details. The bid form is amended accordingly.**

**QUESTION**

2. The quantity of the hydrants on base bid form is 12, but I am only seeing 9 called out on the base bid plans. Is the quantity on the bid form correct or the plans?
  - a. One hydrant shown on plan sheets 5 / 6 / 7 / 9 / 10 / 11 / 12 / 13 / 16.

**RESPONSE**

**The base bid plans show 9 hydrants. The bid form is amended accordingly.**

**QUESTION**

3. Is there a pay item that the blow off assembly called for on plan sheet 05 (detail on sheet 21) of base bid plans or should that be included in Item 13 6” gate valves?

**RESPONSE**

**The blow-off assembly is included in Item 13.**

**QUESTION**

4. What is the billing software to ensure meter compatibility?

**RESPONSE**

**UBMax**

**QUESTION**

5. Will meters measure in gallons or cubic feet?

**RESPONSE**

**There is no preference regarding units of measurement.**

**QUESTION**

6. Will meters be “walk-by,” “drive-by”, or “cellular” read?

**RESPONSE**

**Cellular-read meters will not be approved because of poor cellular service in the Village. Meters will be read by Village staff while driving.**

**QUESTION**

7. Can we use polymer lids as an alternate to metal lids for the meter pits?

**RESPONSE**

**No specification for polymer lids was included in the request for information, but alternative lid materials will be considered for meter pits located in non-paved areas.**

**QUESTION**

8. What areas will be included in the mill and fill? We did not see any specific details to indicate the areas for this work. What areas get full width and what areas get trench repair?

**RESPONSE**

**Where the water main is located in paved areas, the trench replacement will receive full-width mill and fill. Where the water main is located in unpaved areas, then the trench replacement is represented by the "Soil" detail on sheet 20.**

**QUESTION**

9. Asphalt Details: It shows on page 21 milling off 2" and replacing with 2" surface and 2" intermediate. Are you raising the road by 2" everywhere?

**RESPONSE**

**The pavement will have 2 inches of mill and fill. A revised sheet 21 is attached.**

**QUESTION**

10. On Nashville St.: Is the existing water line at the edge of the pavement?

**RESPONSE**

**Survey information shows the Nashville Street water line located near the edge of pavement.**

**QUESTION**

11. On sheet 10, it appears that the new water line is in the same location as the old. Plans call for temporary water service when new water line is in conflict with old water line. Where can I find the spec for the temporary water hook up that is called for on sheets 10&11?

**RESPONSE**

**Specification section 15000 (Temporary Facilities and Controls) has been amended to address temporary water service for affected residents. The**

**contractor is to maintain temporary water service for affected residents to the greatest extent feasible pursuant to applicable regulations.**

**QUESTION**

12. Are you able to provide us with locations of the existing valves so we know how far the temporary services need to be?

**RESPONSE**

**The contractor shall determine the method for providing temporary water service, likely from existing fire hydrants.**

**QUESTION**

13. On sheet 12, will the sidewalk need to be removed and replaced between 33+00 and 35+00?

**RESPONSE**

**Yes, sidewalk removal and replacement are needed.**

**QUESTION**

14. On sheet 12 where the water line crosses the 36" storm, there is a poured concrete section over the pipe with headwall attached on the north and south sides. Can we just do trench repair in this area, or do we have to replace the entire structure?

**RESPONSE**

**Replacement of the entire structure was not intended.**

**QUESTION**

15. Alternates: Sheet 9 – The notes say we have to abandon existing water lines before new is installed. Is this a typo or does temporary water need to be provided? The existing does not appear to be in conflict.

**RESPONSE**

**Note 5 on Sheet 9 says to abandon in place after construction is complete. There should not be a conflict.**

**QUESTION**

16. Alternates: What trees need to be clear? None are marked on the prints.

**RESPONSE**

**Tree removal is incidental to the pipe installation.**

**QUESTION**

17. Alternates: In the “non-paved alley” section, there is a significant amount of trash, debris, trees, shrubs, small buildings, sheds, etc. Who is responsible for removing these items?

**RESPONSE**

**Removal of small buildings or sheds was not anticipated. Removal of other obstructions is incidental to the water main installation.**

**QUESTION**

18. Where we are installing new meter pits on an existing water main, are all of the current service lines 3/4"?

**RESPONSE**

**The plans show all service lines replaced at 3/4-inch. If site conditions indicate otherwise, then a change order may be warranted.**

**QUESTION**

19. The detail on sheet 21 is for water meters on new mains. I don't see a spec for water meters on existing mains. I want to verify we don't have to install a new saddle and corp when we install the water meters on existing mains. Do we just figure on going a couple feet each way of the meter and coupling into existing service?

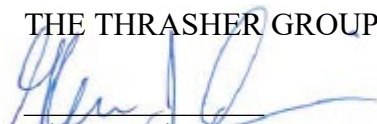
**RESPONSE**

**For existing mains, only the meter pit is being installed.**

If you have any questions or comments, please feel free to contact me at your earliest convenience at [gdavis@thethrashergroup.com](mailto:gdavis@thethrashergroup.com). As a reminder, bids will be received until 3:15 p.m. on Tuesday, October 10, 2023. in the Council Room located at 108 Main Street, Glenmont, OH 44628. The bid opening will be held at 3:30 p.m. Good luck to everyone and thank you for your interest in the project.

Sincerely,

THE THRASHER GROUP, INC.



Glenn Davis, PE, CFM  
Project Manager

**VILLAG OF GLEMONT, OHIO  
HOLMES COUNTY, OHIO  
WATER LINE REPLACEMENT**

**THRASHER PROJECT #101-010-11001**

**BID FORM**

**ARTICLE 1 – BID RECIPIENT**

1.01 This Bid is submitted to:

***VILLAGE OF GLENMONT  
108 Main Street  
Glenmont, OH 44628***

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 – BIDDER’S ACKNOWLEDGEMENTS**

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

**ARTICLE 3 – BIDDER’S REPRESENTATIONS**

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Addendum Date</u>
_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
- E. 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 any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.

- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. 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.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

#### **ARTICLE 4 – BIDDER'S CERTIFICATION**

4.01 Bidder certifies that:

- A. 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;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
  - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
  - 2. "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;
  - 3. "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; and
  - 4. "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.

**ARTICLE 5 – BASIS OF BID**

**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 OF THE CONTRACT**

The Project "Sequence of Construction" has been detailed in the Drawings and Specification Division 1, Project Summary, Section 1010, Part-2 Execution. The Bidder agrees to perform all the Work proposed for the total of the following Bid prices.

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

**PROPOSED  
 WATER LINE REPLACEMENT  
 VILLAGE OF GLENMONT, OHIO**

**BID SCHEDULES**

BASE BID							
Item #	ODOT #		DESCRIPTION	QTY.	UNIT	UNIT COST	COST
1	624	10000	MOBILIZATION/ DEMobilIZATION	1	LS		
2	441	50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (448), PG64-22	150	CY		
3	441	50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22	150	CY		
4	407	20000	NON-TRACKING TACK COAT (.085GAL/SY)	1000	GAL		
5	254	01001	PAVEMENT PLANING	16,000	SY		



BASE BID							
Item #	ODOT #		DESCRIPTION	QTY.	UNIT	UNIT COST	COST
6	638	01130	6" WATER MAIN PVC PIPE AND FITTINGS, AWWA C900, DR18	6,000	LF		
7	638	00704	6" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 53, MECHANICAL JOINTS AND FITTING, TYPE B	10	LF		
8	638	04800	¾" COPPER SERVICE BRANCH (PRIVATE LEAD SERVICE LINE)	10	EA		
9	638	04800	¾" COPPER SERVICE BRANCH (PUBLIC LEAD SERVICE LINE)	10	EA		
10	638	04800	¾" COPPER SERVICE BRANCH (PUBLIC NON-LEAD SERVICE LINE)	46	EA		
11	638	10480	FIRE HYDRANT REMOVED	9	EA		
12	638	10200	6" FIRE HYDRANT	9	EA		
13	638	07480	6" GATE VALVE	20	EA		
14	202	70000	FILL AND PLUG EXISTING CONDUIT	20	CY		
15	SPEC		METER, SETTING, CURB STOP AND CHAMBER	110	EA		
16	SPEC		METER MOBILE READING EQUIPMENT	1	LS		
17	SPEC		CONNECTION TO EXISTING WATER LINE	5	EA		
18	614	11000	MAINTAINING TRAFFIC	1	LS		
19	623	10000	CONSTRUCTION STAKEOUT AND SURVEYING	1	LS		
20	659	00300	TOPSOIL	5	CY		
21	659	10000	SEEDING AND MULCHING	130	SY		

**TOTAL BID ACTIVITY (GENERAL)** \_\_\_\_\_

**HARRINGTON STREET (ADDITIVE ALTERNATE 1):**

<b>Item #</b>	<b>ODOT #</b>		<b>DESCRIPTION</b>	<b>QTY.</b>	<b>UNIT</b>	<b>UNIT COST</b>	<b>COST</b>
22	624	10000	MOBILIZATION/ DEMOBILIZATION	1	LS		
23	441	50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (448), PG64-22	30	CY		
24	441	50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22	30	CY		
25	407	20000	NON-TRACKING TACK COAT (.085GAL/SY)	220	GAL		
26	254	01001	PAVEMENT PLANING	2500	SY		
27	638	01130	6" WATER MAIN PVC PIPE AND FITTINGS, AWWA C900, DR18	1000	LF		
28	638	00704	6" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 53, MECHANICAL JOINTS AND FITTING, TYPE B	2	LF		
29	638	04800	¾" COPPER SERVICE BRANCH (PRIVATE LEAD SERVICE LINE)	4	EA		
30	638	04800	¾" COPPER SERVICE BRANCH (PUBLIC LEAD SERVICE LINE)	4	EA		
31	638	04800	¾" COPPER SERVICE BRANCH (PUBLIC NON- LEAD SERVICE LINE)	7	EA		
32	638	10480	FIRE HYDRANT REMOVED	1	EA		
33	638	10200	6" FIRE HYDRANT	1	EA		
34	638	07480	6" GATE VALVE	5	EA		

**HARRINGTON STREET (ADDITIVE ALTERNATE 1):**

Item #	ODOT #		DESCRIPTION	QTY.	UNIT	UNIT COST	COST
35	202	70000	FILL AND PLUG EXISTING CONDUIT	8	CY		
36	SPEC		CONNECTION TO EXISTING WATER LINE	2	EA		
37	614	11000	MAINTAINING TRAFFIC	1	LS		
38	623	10000	CONSTRUCTION STAKEOUT AND SURVEYING	1	LS		
39	659	00300	TOPSOIL	20	CY		
40	659	10000	SEEDING AND MULCHING	120	SY		

**TOTAL BID ACTIVITY (ALTERNATE 1) \_\_\_\_\_**

**GALATIAN STREET (ADDITIVE ALTERNATE 2):**

Item #	ODOT #		DESCRIPTION	QTY.	UNIT	UNIT COST	COST
41	624	10000	MOBILIZATION/ DEMOBILIZATION	1	LS		
42	441	50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (448), PG64-22	25	CY		
43	441	50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22	25	CY		
44	407	20000	NON-TRACKING TACK COAT (.085GAL/SY)	230	GAL		
45	254	01001	PAVEMENT PLANING	2700	SY		

<b>GALATIAN STREET (ADDITIVE ALTERNATE 2):</b>							
<b>Item #</b>	<b>ODOT #</b>		<b>DESCRIPTION</b>	<b>QTY.</b>	<b>UNIT</b>	<b>UNIT COST</b>	<b>COST</b>
46	638	01130	6" WATER MAIN PVC PIPE AND FITTINGS, AWWA C900, DR18	1,000	LF		
47	638	00704	6" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 53, MECHANICAL JOINTS AND FITTING, TYPE B	2	LF		
48	638	04800	¾" COPPER SERVICE BRANCH (PRIVATE LEAD SERVICE LINE)	5	EA		
49	638	04800	¾" COPPER SERVICE BRANCH (PUBLIC LEAD SERVICE LINE)	5	EA		
50	638	04800	¾" COPPER SERVICE BRANCH (PUBLIC NON-LEAD SERVICE LINE)	9	EA		
51	638	10480	FIRE HYDRANT REMOVED	1	EA		
52	638	10200	6" FIRE HYDRANT	1	EA		
53	638	07480	6" GATE VALVE	5	EA		
54	202	70000	FILL AND PLUG EXISTING CONDUIT	8	CY		
55	SPEC		CONNECTION TO EXISTING WATER LINE	2	EA		
56	614	11000	MAINTAINING TRAFFIC	1	LS		
57	623	10000	CONSTRUCTION STAKEOUT AND SURVEYING	1	LS		
58	659	00300	TOPSOIL	20	CY		
59	659	10000	SEEDING AND MULCHING	130	SY		

**TOTAL BID ACTIVITY (ALTERNATE 2) \_\_\_\_\_**

**ALLEY (ADDITIVE ALTERNATE 3):**

Item #	ODOT #		DESCRIPTION	QTY.	UNIT	UNIT COST	COST
60	624	10000	MOBILIZATION/ DEMobilIZATION	1	LS		
61	441	50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (448), PG64-22	25	CY		
62	441	50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22	25	CY		
63	407	20000	NON-TRACKING TACK COAT (.085GAL/SY)	200	GAL		
64	254	01001	PAVEMENT PLANING	2300	SY		
65	638	01130	6" WATER MAIN PVC PIPE AND FITTINGS, AWWA C900, DR18	900	LF		
66	638	00704	6" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 53, MECHANICAL JOINTS AND FITTING, TYPE B	2	LF		
67	638	04800	¾" COPPER SERVICE BRANCH (PRIVATE LEAD SERVICE LINE)	7	EA		
68	638	04800	¾" COPPER SERVICE BRANCH (PUBLIC LEAD SERVICE LINE)	7	EA		
69	638	04800	¾" COPPER SERVICE BRANCH (PUBLIC NON- LEAD SERVICE LINE)	14	EA		
70	638	10480	FIRE HYDRANT REMOVED	1	EA		
71	638	10200	6" FIRE HYDRANT	1	EA		
72	638	07480	6" GATE VALVE	5	EA		

<b>ALLEY (ADDITIVE ALTERNATE 3):</b>							
<b>Item #</b>	<b>ODOT #</b>		<b>DESCRIPTION</b>	<b>QTY.</b>	<b>UNIT</b>	<b>UNIT COST</b>	<b>COST</b>
73	202	70000	FILL AND PLUG EXISTING CONDUIT	8	CY		
74	SPEC		CONNECTION TO EXISTING WATER LINE	2	EA		
75	614	11000	MAINTAINING TRAFFIC	1	LS		
76	623	10000	CONSTRUCTION STAKEOUT AND SURVEYING	1	LS		
77	659	00300	TOPSOIL	20	CY		
78	659	10000	SEEDING AND MULCHING	120	SY		

**TOTAL BID ACTIVITY (ALTERNATE 3) \_\_\_\_\_**

**TOTAL BID ACTIVITY BASE BID  
 PLUS ALTERNATES 1, 2, AND 3 \_\_\_\_\_**

**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.

**METHOD OF AWARD**

If at the time this contract is to be awarded, the lowest base bid submitted by a qualified, 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 exceed such amount, the Owner may reject all bids. If the base bid plus one or more additive alternates does not exceed the amount of funds available to finance the project, the Owner (at their discretion) may elect to include one or more additive alternates to the construction contract, which will be awarded to the lowest bid (submitted by a qualified, responsible bidder) for the base bid plus additive alternate(s) selected.

- 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 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 accepts the provisions of the Agreement as to liquidated damages.

**ARTICLE 7 – ATTACHMENTS TO THIS BID**

- 7.01 The following documents are submitted with and made a condition of this Bid:
  - A. See **BOR Checklist BOR-1 (BOR 1-18)**

**ARTICLE 8 – DEFINED TERMS**

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 9 – BID SUBMITTAL**

BIDDER: *[Indicate correct name of bidding entity]*

\_\_\_\_\_

By: \_\_\_\_\_  
*[Signature]*

*[Printed name]* \_\_\_\_\_  
*(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)*

Attest: \_\_\_\_\_  
*[Signature]*

*[Printed name]* \_\_\_\_\_

Title: \_\_\_\_\_

Submittal Date: \_\_\_\_\_

Address for giving notices:  
\_\_\_\_\_  
\_\_\_\_\_

---

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Contact Name and e-mail address: \_\_\_\_\_  
\_\_\_\_\_

Bidder's License No.: \_\_\_\_\_  
*(where applicable)*

*NOTE TO USER: Use in those states or other jurisdictions where applicable or required.*



## SECTION 015000 - TEMPORARY FACILITIES AND CONTROLS

### 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. Temporary Utilities:
  - 1. Temporary water service.
  - 2. Temporary sanitary facilities.
- B. Construction Facilities:
  - 1. Fire-prevention facilities.
- C. Temporary Controls for Construction Areas:
  - 1. Barriers.
  - 2. Security.
  - 3. Water control.
  - 4. Dust control.
  - 5. Erosion and sediment control.
  - 6. Noise control.
  - 7. Pollution control.
- D. Removal of utilities, facilities, and controls.

#### 1.3 TEMPORARY WATER SERVICE

- A. Provide and pay for suitable quality water service as needed to maintain specified conditions for field office.
- B. Where existing water mains are temporary shut off during construction, maintain temporary water service for affected residents to the greatest extent feasible pursuant to applicable regulations.**
- C. See other Specification Sections regarding water for construction.

#### 1.4 TEMPORARY SANITARY FACILITIES

- A. Provide and pay for required facilities.

- B. At end of construction, return existing facilities used for construction operations to same or better condition as original condition.

#### 1.5 VEHICULAR ACCESS

- A. Construct temporary access road(s) from public thoroughfares to serve construction area, of width and load-bearing capacity to accommodate unimpeded traffic for construction purposes.
- B. Construct temporary bridges and culverts to span low areas and allow unimpeded drainage.
- C. Extend and relocate vehicular access as Work progress requires and provide detours as necessary for unimpeded traffic flow.
- D. Provide unimpeded access for emergency vehicles. Maintain 20-foot-wide driveways with turning space between and around combustible materials.
- E. Provide and maintain access to fire hydrants and control valves free of obstructions.
- F. Provide means of removing mud from vehicle wheels before entering streets.

#### 1.6 PROGRESS CLEANING AND WASTE REMOVAL

- A. Maintain areas free of waste materials, debris, and rubbish. Maintain Site in clean and orderly condition.
- B. Remove debris and rubbish on regular basis or as directed by the Engineer.
- C. Collect and remove waste materials, debris, and rubbish from Site periodically or as directed by the Engineer and dispose of off-Site at a State of Ohio licensed or permitted facility.

#### 1.7 PROJECT IDENTIFICATION

- A. Project Identification Sign:
  - 1. Provide and pay for sign if and as required in the Supplemental General Conditions.

#### 1.8 FIRE-PREVENTION FACILITIES

- A. Establish fire watch for cutting, welding, and other hazardous operations capable of starting fires. Maintain fire watch before, during, and after hazardous operations until threat of fire does not exist.
- B. Portable Fire Extinguishers: NFPA 10; 10-pound capacity, 4A-60B: C UL rating.
  - 1. Provide minimum of one fire extinguisher in every construction trailer and storage shed.

1.9 BARRIERS

- A. Provide barriers to prevent unauthorized entry to construction areas and to protect existing facilities and adjacent properties from damage from construction operations.
- B. Tree and Plant Protection: Preserve and protect existing trees and plants designated to remain.
  - 1. Protect areas within drip lines from traffic, parking, storage, dumping, chemically injurious materials and liquids, ponding, and continuous running water.
  - 2. Provide minimum 4-foot-high barriers around drip line, with access for maintenance.
  - 3. Replace trees and plants damaged by construction operations.
- C. Protect pedestrian and vehicular traffic, stored materials, Site, and structures from damage.

1.10 SECURITY

- A. Security Program:
  - 1. Protect Work from theft, vandalism, and unauthorized entry.

1.11 WATER CONTROL

- A. Grade Site to drain. Maintain excavations free of water. Provide, operate, and maintain necessary pumping equipment.
- B. Protect Site from puddles or running water.

1.12 DUST CONTROL

- A. Execute Work by methods that minimize raising dust from construction operations.
- B. Provide positive means to prevent airborne dust from dispersing into atmosphere.

1.13 EROSION AND SEDIMENT CONTROL

- A. Plan and execute construction by methods to control surface drainage from cuts and fills from borrow and waste disposal areas. Prevent erosion and sedimentation.
- B. Minimize surface area of bare soil exposed at one time. If after 7 days there will be no more disturbance, provide permanent seeding.
- C. Construct fill and waste areas by selective placement to avoid erosive surface silts and clays.
- D. Periodically inspect earthwork to detect evidence of erosion and sedimentation. Promptly apply corrective measures.
- E. Comply with sediment and erosion control plan indicated on Contract Drawings and Specification Section 312500 Erosion and Sedimentation Controls.

1.14 NOISE CONTROL

- A. Provide methods, means, and facilities to minimize noise produced by construction operations.
- B. Do not begin work prior to 7:00 AM or after dark unless approved by the Owner and Engineer.

1.15 POLLUTION CONTROL

- A. Provide methods, means, and facilities to prevent contamination of soil, water, and atmosphere from discharge of noxious, toxic substances and pollutants produced by construction operations.
- B. Comply with pollution and environmental control requirements of authorities having jurisdiction.

1.16 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS

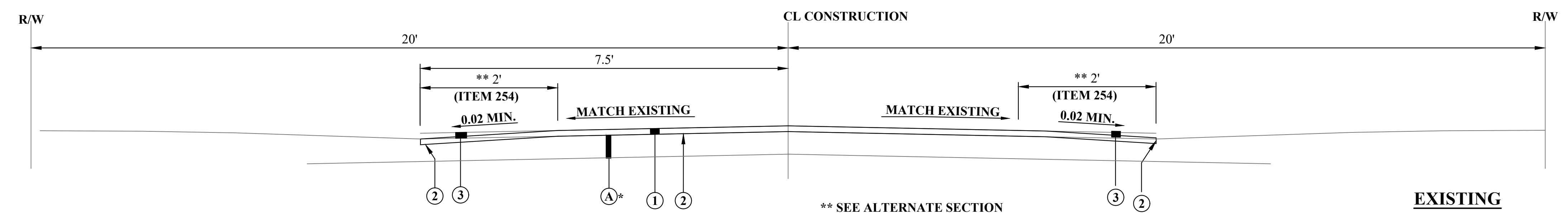
- A. Remove temporary utilities, equipment, facilities, and materials before Final Application for Payment inspection.
- B. Remove underground installations to minimum depth of 2 feet.
- C. Clean and repair damage caused by installation or use of temporary Work.
- D. Restore existing facilities used during construction to original condition. Restore permanent facilities used during construction to specified conditions.

PART 2 - PRODUCTS - Not Used

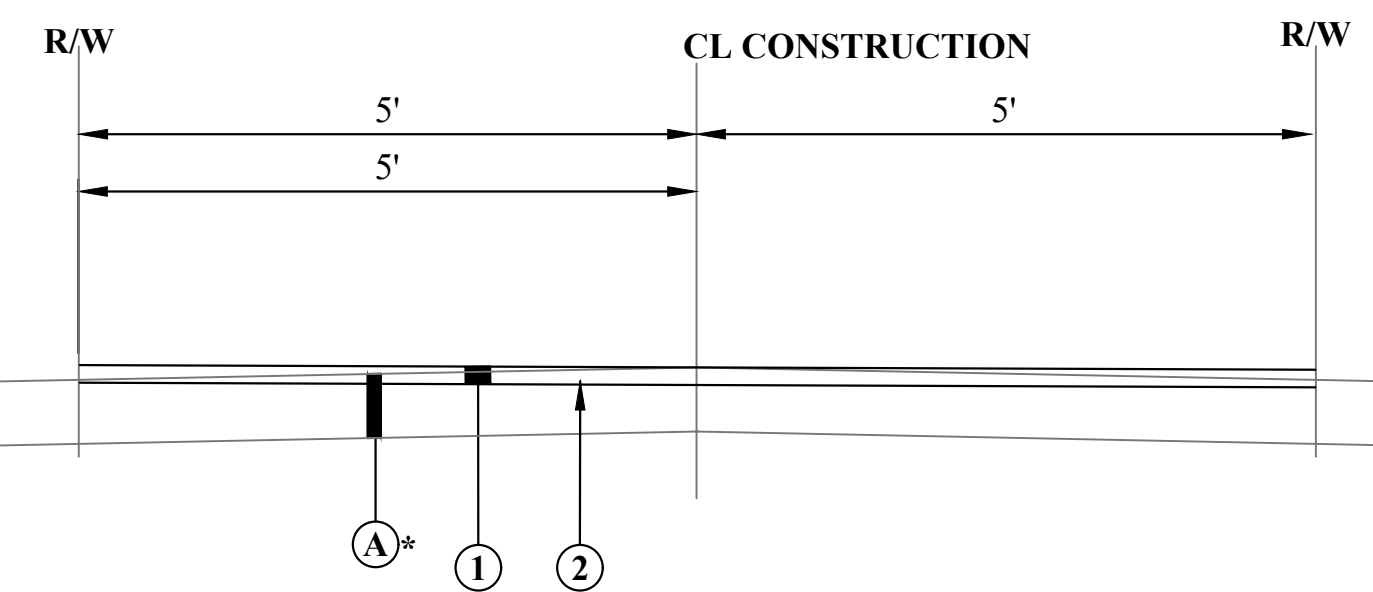
PART 3 - EXECUTION - Not Used

END OF SECTION 015000

USER: alexandra m. fechtke  
 LAYOUT: 21 DETAILS - TYPICAL WATERLINE  
 PLOT DATE/TIME: 10/15/2023 9:05 AM  
 CAD FILE: R:\010\T10-11001-00-Village Of Glenmont Water Line Replacement-Village Of Glenmont-21 Details - Typical Waterline.dwg



**2" PAVEMENT RESURFACING PLAN (STREETS)**  
NOT TO SCALE



**2" PAVEMENT RESURFACING PLAN (ALLEYS)**  
NOT TO SCALE

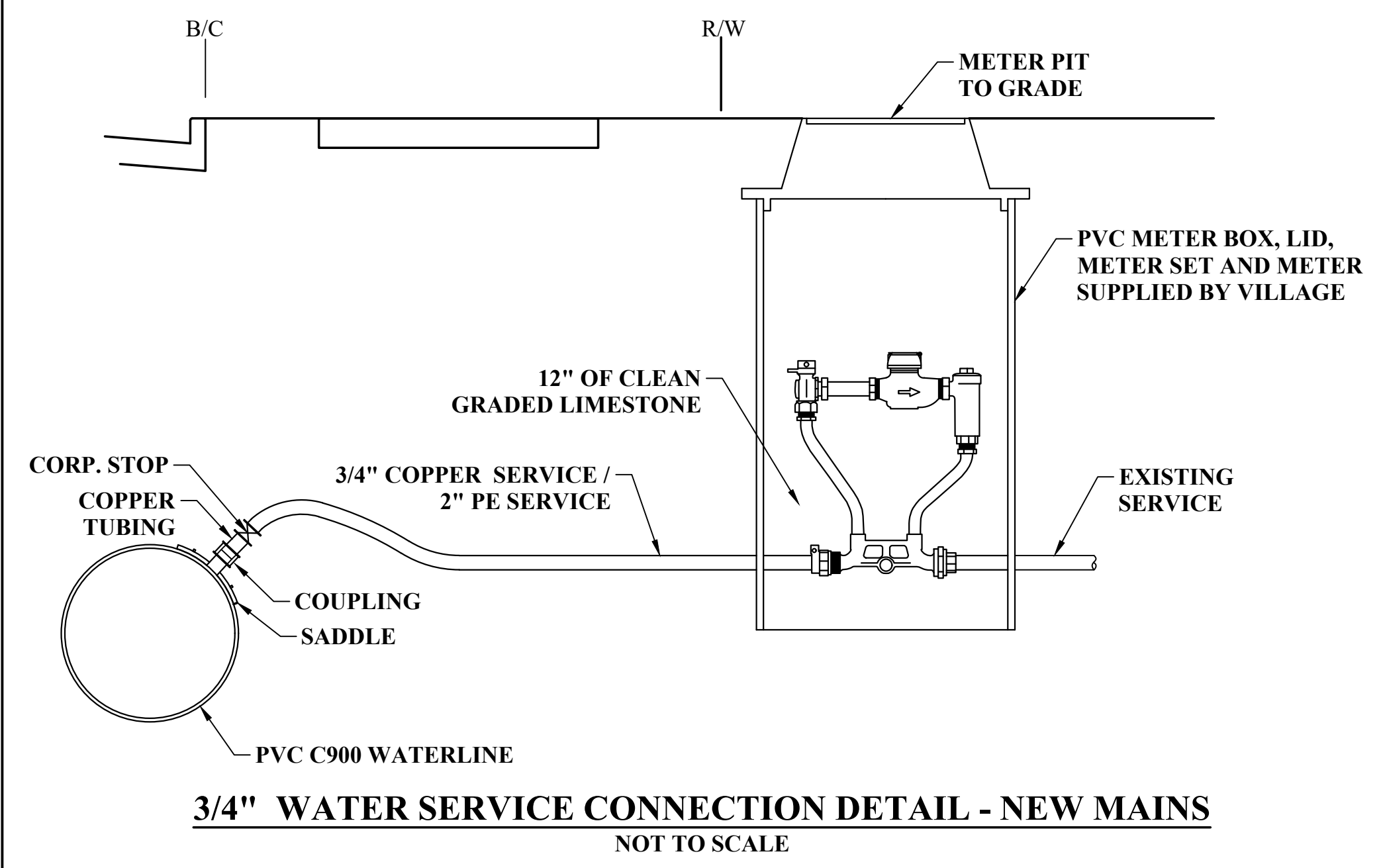
**EXISTING**

(A) ASPHALT BASE (SEE \*NOTE)

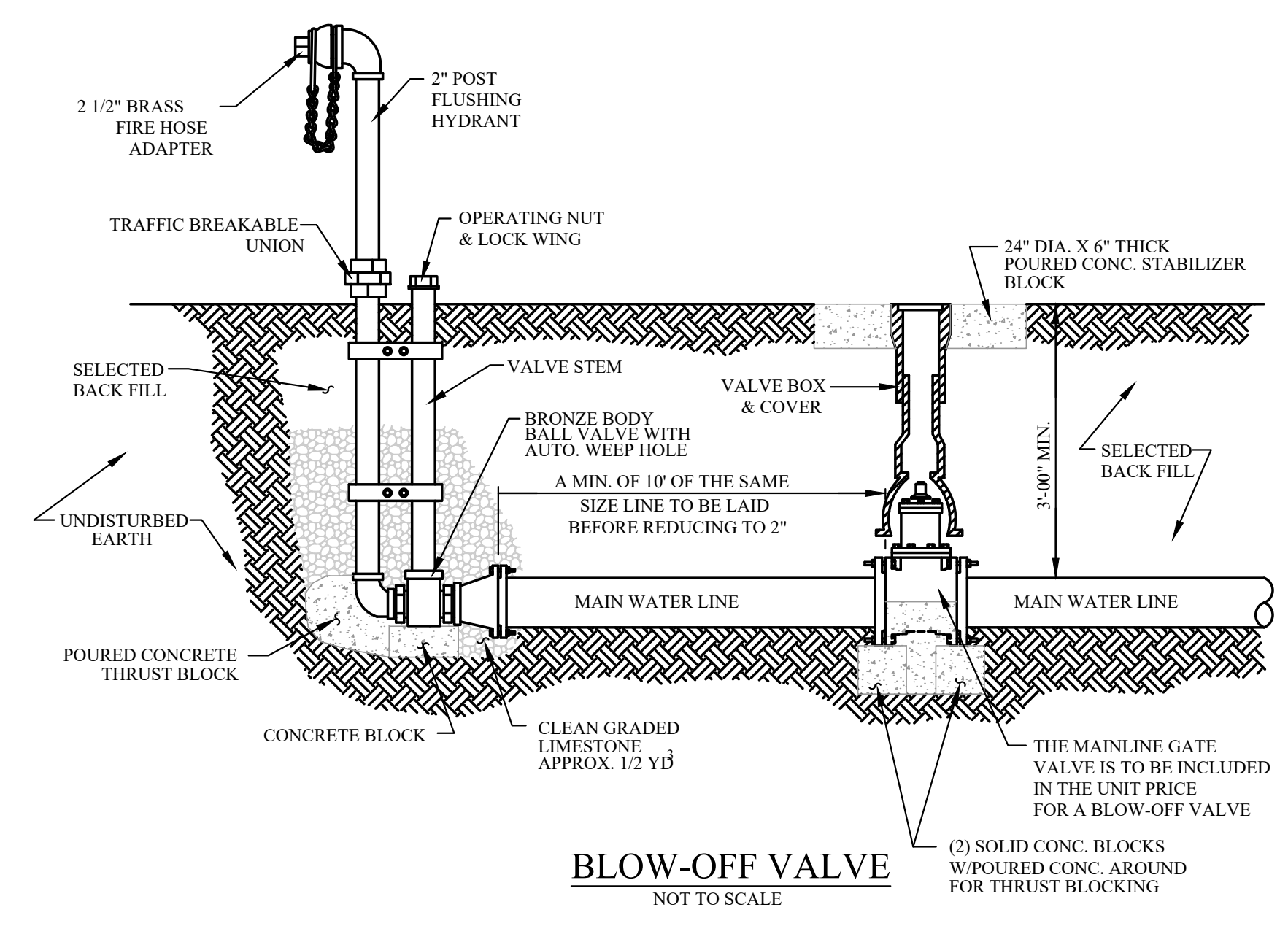
**PROPOSED**

- ① ITEM 441 - 2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448)
- ② ITEM 407 - TACK COAT
- ③ ITEM 254 - 2" PAVEMENT PLANING

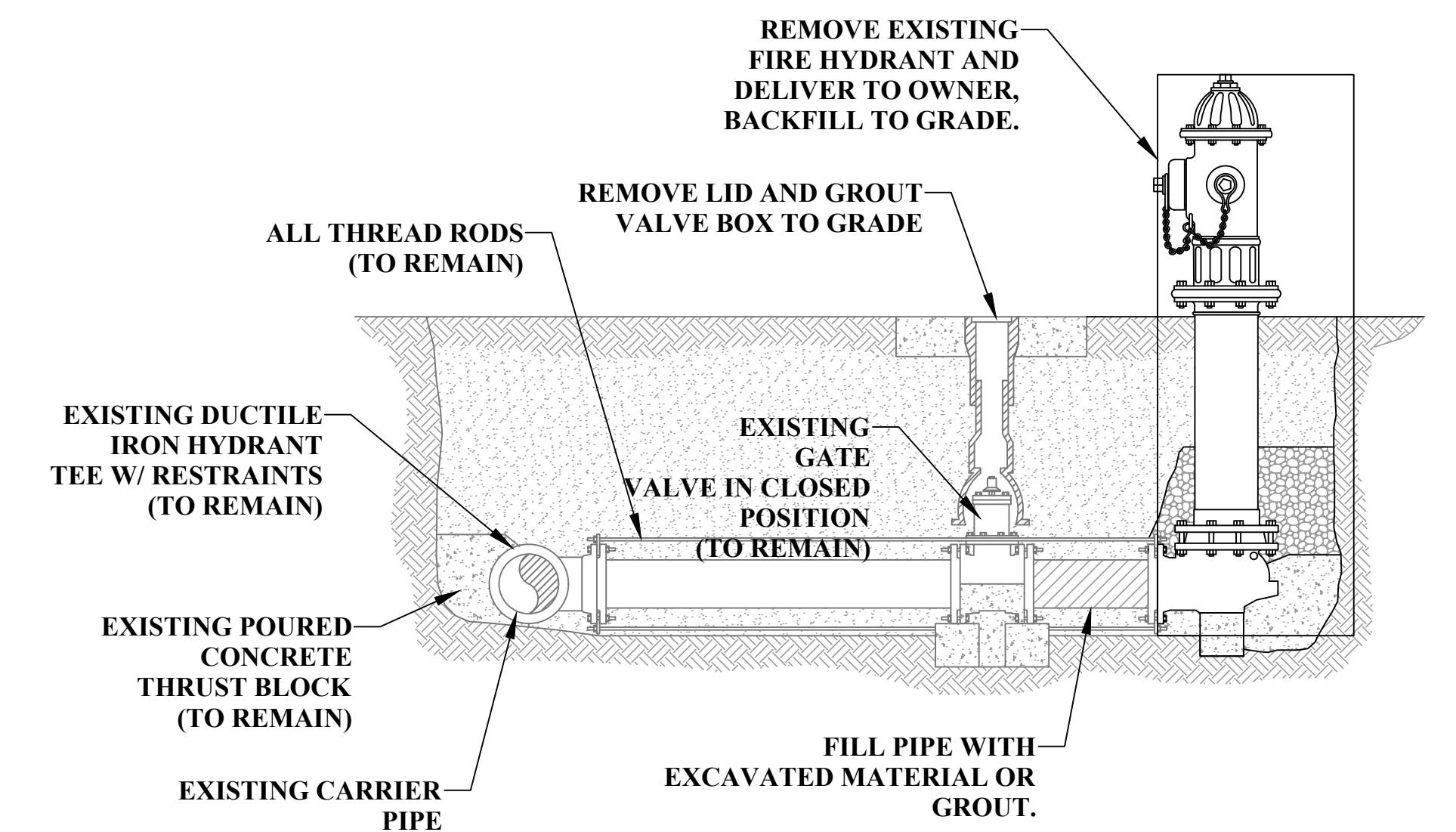
**\* NOTE:**  
IF WHILE MILLING THE EXISTING PAVEMENT AT A DEPTH OF 1.5", THE CONTRACTOR ENCOUNTERS FULL WIDTH EXISTING BRICK OR CONCRETE PAVEMENT, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER. AT DIRECTION OF OWNER AND ENGINEER THE CONTRACTOR SHALL MILL THE FULL WIDTH AND LENGTH OF THE PROJECT AT A CONSTANT DEPTH. SEE ALTERNATE SECTION, THIS SHEET.



**3/4" WATER SERVICE CONNECTION DETAIL - NEW MAINS**  
NOT TO SCALE



**BLOW-OFF VALVE**  
NOT TO SCALE



**FIRE HYDRANT REMOVAL DETAIL**  
NOT TO SCALE

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NO.	BY	DATE	DESCRIPTION
1	AMF	10/4/2023	ADDENDUM 2

SCALE: NOT TO SCALE	
DRAWN: AMF	DATE: 18MAY2023
CHECKED: -	DATE: -
APPROVED: -	DATE: -
SURVEY DATE:	
SURVEY BY:	
FIELD BOOK No.:	

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PHASE No.
CONTRACT No.
PROJECT No.
<b>T10-11001</b>

**VILLAGE OF GLENMONT WATER LINE REPLACEMENT**  
**DETAILS - TYPICAL WATERLINE**