

ADDENDUM NO. 2

January 23, 2025

LITTLE BAY ROAD WATER MAIN IMPROVEMENTS PORTSMOUTH, NEW HAMPSHIRE

The following changes and information are hereby incorporated into the Contract Documents (Project Manual and Drawings).

GENERAL

1. Pre-Bid Meeting Notes and Sign in Sheet (Attachment "A")
2. Responses to questions received after Pre-Bid Meeting (Attachment "B")

PROJECT MANUAL

1. Section 01562 Dust Control

Delete 1.1. C and **Replace** with the following:

C. A water truck shall be available to complete watering at the necessary frequency required to meet daily dust control requirements. Watering frequency is dependent on actual site conditions and daily contractor operations.

2. Section 01590 Temporary Field Office

Delete Section 01590 from the Project Manual.

3. Section 13710 Health and Safety Plan Requirements

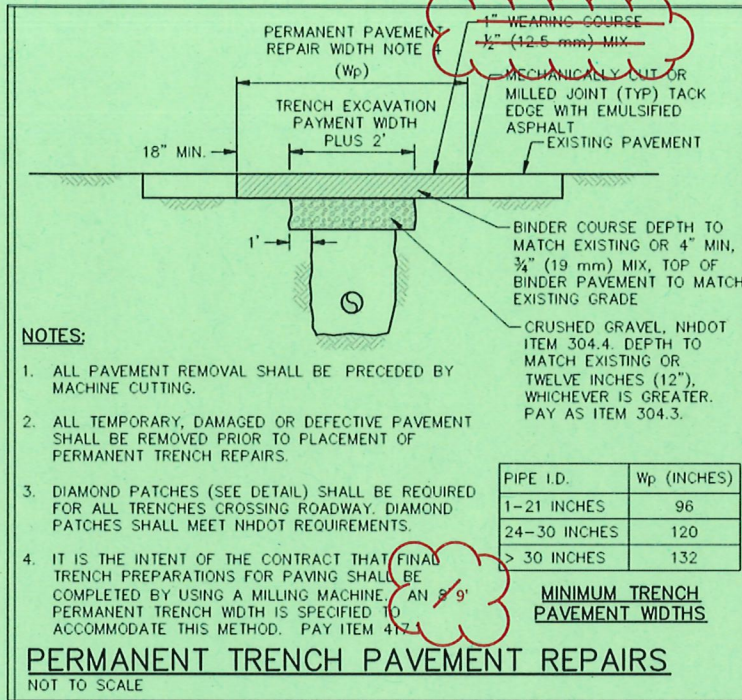
Remove Paragraph 1.6 Air Monitoring in its entirety from the Project manual

DRAWINGS

1. Drawing D1 PERMANENT TRENCH PAVEMENT REPAIRS

Delete leader "1" Wearing Course 1/2" (12.5 mm) Mix as shown below:

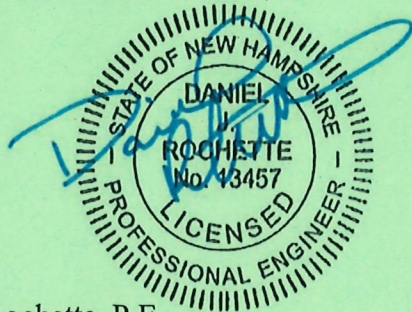
Delete "8' " in Note No. 4 and **Replace** with "9' " as shown below:



Attachments:

- A – Pre-Bid Meeting Notes and Sign-in Sheet (10 Pages)
- B – Questions received after Pre-Bid Meeting (3 Pages)

UNDERWOOD ENGINEERS, INC.



Daniel J Rochette, P.E.
Project Manager

PRE-BID MEETING -NOTES
LITTLE BAY ROAD WATER MAIN IMPROVEMENTS
PORTSMOUTH, NEW HAMPSHIRE

680 Peverly Hill Road
PORTSMOUTH NH

January 7th, 2025 (9:00 A.M.)

Attendees

Albert Pratt
Jeremy Boston
Dan Rochette P.E.
Kate Varney

Representing

City of Portsmouth
Town of Newington
Underwood Engineers
Underwood Engineers

1. Introductions

See Sign-in Sheet

2. Mandatory Pre-Bid Meeting

Attendance at this meeting is mandatory. Attendance is required to submit a bid.

3. Project Overview

Work includes replacement of 4,200 LF of existing watermain owned by the City of Portsmouth along Little Bay Road from Fox Point Road to Gundalow Landing in Newington, NH. Water improvement includes but may not be limited to:

- Furnish and install 8" ductile iron (class 52) poly encased water pipe
- Replacement of water service laterals with 1" copper service piping including curb stops and required transition fittings
- Replacement and removal of existing hydrants
- Maintenance of water system without interruption to service to users. Unit items for temporary are not provided.
- Permanent Trench Patch pavement repairs as specified on the drawings
- Unit items written for use of milling machine for final trench repair
- Perform testing of new water and sewer systems prior to paving
- Coordination of water shutdowns with Portsmouth Water Department.
- Coordination of any roadway impacts and traffic management with Newington Police Department.
- Police details will be required daily and shall be coordinated by contractor. Unit Item 618.61
- Maintenance of access to all properties during the course of the work.
- Contractor is required to conduct roadway restoration to Town of Newington Standard.

Work also includes replacement of an existing 12" culvert at the intersection of Fox Point Road is new 12" RCP drain pipe and mortar rubble masonry headwalls. A portion of the work

will impact jurisdictional wetlands. A wetlands permit has been secured for the work and is provided in Appendix B.

4. Funding

This project is funded locally by the City of Portsmouth. No state or federal funding provisions required.

5. Bids

The following shall be submitted to be considered a responsive bid:

- Bid to be filled out in its entirety, pages A-3.1 to A-3.12
- Bid Bond for 10% of the bid price, page A-4.1 to A-4.2
- Acknowledgement of any addendum

Submit hard copies of bids to City of Portsmouth at **1 Junkins Avenue, Portsmouth, NH**, by **2:00 PM** (Local Time) on **January 30, 2025**.

- At that time, Bids will be publicly opened and read aloud.
- Bidders must be on the NHDOT pre-qualified list (also see Bidder Qualifications page A-2.1).
- The Basis of Award will be the lowest price from a qualified bidder based on the Engineer's estimated quantities for the Base Bid
- 100% percent performance and payment bonds will be required at contract signing

6. Available Information

The following information has been included in the Appendix of the project manual:

- APPENDIX A -Geotechnical Report
- APPENDIX B – Wetland Permit

7. Schedule

Completion time for the project will be calculated as calendar days from the date specified in the "Notice to Proceed" as follows:

- Substantial Completion – **75** Calendar Days
- Final Completion – **90** Calendar Days

Project start date may be weather dependent. However no earlier than April 15th should be anticipated.

8. Traffic Control

A Traffic Control Plan (TCP) shall be submitted to the Engineer for review and will require approval by the City of Portsmouth and the Town of Newington Police Department. Construction warning signs must conform to MUTCD standards, as applicable. Unit Item 619.1 is provided for the preparation of Maintenance of Traffic.

EQUIPMENT

Provide necessary barricades, signs and traffic control devices in accordance with approved TCP, NHDOT Section 619, and MUTCD (latest edition).

PORTABLE MESSAGE BOARDS

Upon request, The Contractor shall provide two (2) portable message boards for this project. Contractor will be responsible for siting and/or locating message boards as designated, and for maintenance of the messages throughout construction (Item 619.253).

POLICE DETAILS AND CERTIFIED FLAGGERS

Police details shall be used as required by the Town of Newington. It is anticipated that two (2) details per day will be adequate to cover the work zone. This could fluctuate depending on actual contractor operations. A unit item for flagging is provided in the event a police detail cannot be filled on a given day. Contractors shall be responsible for the coordination of police details and flaggers.

BUSINESS, RESIDENCE, AND PARKING ACCESS

The Contractor will be required to maintain access to abutting properties at all times. Contractor shall notify owners and abutters of any impacts to driveway access due to trenching operations 1 business day prior to the work. One business (a hair salon at 66 Little Bay Road) is located within the project area, and the Contractor shall work with the business owner to impact access at a time that least impacts hours of operation.

9. Construction Layout and Record Information

Work is to be generally constructed as shown on the drawings. The Contractor will be responsible for all construction layouts. Upon request, a list of available horizontal control points (and coordinates) TBM's will be provided by the Engineer and confirmed by the Contractor. It will be the responsibility of the Contractor to protect and maintain TBM's, layout and control points provided by the Engineer. The Engineer will provide an electronic copy of plans and coordinates to the Contractor upon request to facilitate the Contractor's layout, providing the Contractor executes a release concerning the information transmitted.

The contractor will be responsible for reviewing any conflicts between the layout and DigSafe with the Engineer prior to the start of any work.

10. Conflicts and Coordination with Existing Utilities

It will be the Contractor's responsibility to coordinate with the utility companies for identification and re-location, if necessary, of any utilities that are interfering or conflicting with the work shown on the drawings. Loss of production or crew downtime relating to utility work by others will not be considered for additional payment.

11. Other Buried Utilities and Service Pipes

Utilities shown on the drawings are based on information on file and should be considered approximate. All services for gas and water utilities may not be shown on the drawings but one (1) of each are to be expected for each building unit where the utility exists in the street. Where buildings have multiple units, multiple services can be expected. Additional or unknown utility crossings will be measured for payment as described in Item 6.3.

The Contractor is expected to coordinate utility markings through Dig Safe, Unutil and the City of Portsmouth, Water and Sewer Department before proceeding with this work. Repairs to unknown, unmarked or mismarked utilities will be measured for payment as described in item 6.4. Repairs to damaged utilities either shown on the plans or through markings on the ground will not be measured for payment.

Following the meeting Unutil was contracted, and it was confirmed there are no existing gas mains within the project area.

12. Meetings

Public Information Meetings - The Contractor expected to attend one public information meeting prior to the start of construction.

Project Meetings - Regular scheduled meetings will be held at least once monthly, unless an increased frequency in meetings is considered necessary by the Contractor, Owner or Engineer.

Coordination Meetings - Informal weekly meetings are anticipated to review progress/schedule, sequence and other day to day issues.

13. Temporary Erosion Control

The Contractor's attention is directed to the provisions of NHDOT Section 645 of the Project Manual. The Contractor shall exercise caution to minimize the intrusion of any spillage, sediment, turbidity, or pollution into the waterways or adjacent properties around the project area, as this watershed drains to waters of the state, including Little Bay and the Piscataqua River.

A Storm Water Pollution Prevention Plan (SWPPP) will be required and must be kept on site at all times. The SWPPP shall be submitted to the Engineer for review and approval prior to implementation. The Contractor will be responsible for filing the NOI to the EPA at least seven (7) days prior to the start of construction and maintaining the SWPPP onsite at all times. The SWPPP must be in place prior to submittal of the NOI. Silt fencing is shown on the drawings as a starting point for the SWPPP.

The SWPPP may be amended as necessary to provide continued erosion and sediment control throughout the project. Appropriate measures shall be implemented to prevent sedimentation migration resulting from the Contractor's construction operations.

14. Construction Dewatering (Also, refer to Section 02402)

Groundwater was not observed during subsurface investigations (March 2024). However, if dewatering is required the contractor must submit a Construction Dewatering NOI to EPA-NE to be covered by a general permit and will receive a written notification from EPA-NE of permit coverage. The EPA-NE contact for NOI forms is Shelley Puleo at (617) 918-1545. The DES contact for this permit is Stergios Spanos at (603) 271-6637.

Appropriate sediment and erosion controls shall be operational prior to commencing trench dewatering operations. Construction dewatering is incidental. See specification Sections 02402 and 02650 for additional information.

15. Geotechnical Information

Boring logs and a geotechnical report are included in Appendix A of the Project Manual. Note that there may be seasonal fluctuations in groundwater elevation and/or changes influenced by other factors including weather.

16. Health & Safety Plan

Site safety shall be the Contractor's responsibility. The Contractor shall prepare a Health and Safety Plan (HASP) and always maintain a copy of it onsite in an area easily accessible to all site personnel. Refer to Section 13710 of the Project Manual for HASP requirements

17. Dust Control (Refer To Section 01562)

Due to the proximity of homes to the work zone, the Contractor is required to actively work to mitigate dust, and the Owner will enforce a strict dust control policy for this project as described in the above referenced section. Water and/or Calcium Chloride (Item 6.11) are required on unpaved surfaces to control dust. On paved surfaces sweeping will be required and the use of a mechanically enclosed street sweeper will be required at the end of each work week.

18. Pedestrian Traffic

The work area is in a residential neighborhood and the Contractor will need to accommodate the safe passage of pedestrian traffic as necessary.

19. Staging Area

The Contractor is required to locate and secure all staging and material storage areas. All staging areas to be secured by the Contractor must be approved in advance by the City of Portsmouth and Town of Newington. Contractor shall provide a Hold Harmless Release to both the City of Portsmouth and the Town of Newington to start **and end the** use of the staging area.

With Owner approval, the Contractor may use the side of the roadway for staging of pipe providing the following conditions are met (unless approved otherwise by the City/Town).

- A. Pipe is placed no sooner than two (2) days preceding installation.

- a. No pipe shall be left strung out along the roadway during weekends
 - b. Pipe should not be strung out through yards and landscaped areas overnight
- B. Driveways are unimpeded and a minimum of 20 feet of roadway is maintained as a smooth traveling surface for vehicular traffic.

20. SALVAGE OF MATERIALS (Refer To Section 01611)

Existing hydrants identified to be removed shall be delivered to the City of Portsmouth Public Works Department at 680 Peverly Hill Road, Portsmouth, NH 03801.

21. Abandonment Of Existing Pipe

All water pipe to be abandoned shall be cut and capped, unless shown otherwise on the Drawings. Existing gate valves to be abandoned are to be left in the closed position and the gate valve box removed.

22. Vibration Monitoring

Vibration Monitoring in addition to the vibration monitoring for blasting, required by state and local ordinances, will be provided by the Contractor upon request, if deemed necessary to monitor vibration resulting from the Contractor's equipment, compaction efforts or operations. Vibration monitoring for blasting operations is provided at the Contractors own expense.

23. Tree Removal

No trees shall be removed without prior approval from the Owner/or abutting property owner.

24. Trimming Of Trees

Tree trimming, if required to accommodate the work, shall be reviewed with the Engineer and the Town of Newington. Prior to the start of the project, the Contractor shall walk the site and mark all the limbs that will require trimming to complete the work and minimize further damage to the tree. Upon approval by the Engineer and the Owner for all the limbs to be cut, the Contractor shall then complete the trimming of limbs. This work shall be incidental and shall not be measured for payment. – [Town of Newington can help with residential coordination](#)

All questions to be submitted by January 17th and the Addendum will be issued January 22nd.

Questions:

Q1. What is the engineer's cost estimate?

R: Engineers Opinion of Probable Cost is \$1,500,000

Q2. The paving limit is listed at 8-feet on the Permanent Trench Pavement Repairs. Can a 9-foot width be used instead to accommodate paving machines?

R: Paving widths will be reviewed and revised in the addendum as deemed appropriate

Q3. How often is it required to pave the temporary trenches?

R: Temporary trenches will not have to be paved daily or weekly as long as trenches are properly stabilized and kept smooth for vehicular travel.

LITTLE BAY ROAD WATER MAIN IMPROVEMENTS
PORTSMOUTH, NEW HAMPSHIRE

Pre-Bid Meeting
Sign In Sheet

680 Peverly Hill Road
January 7th, 2025 at 9:00 A.M.

<u>Persons Attending:</u>	<u>Representing:</u>	<u>Telephone/Cell and E-mail:</u>
Albert Pratt	City of Portsmouth	P: (603) 516-7338 E: anpratt@cityofportsmouth.com
Jeremy Boston	Town of Newington	P: (603) 436-7640 E: jboston@newingtonnh.gov
Dan J Rochette, P.E.	Underwood Engineers	P: (603) 436-6192 E: drochette@underwoodengineers.com
Kate L. Varney	Underwood Engineers	P: (603) 436-6192 E: kvarney@underwoodengineers.com
David Price	foreman	(603) 435 7989 varney@underwoodengineers.com
John Chiamitaro	N. Granes & Sons Inc	603 812 9386 jchiamitaro@ngunes.com
Tim Lymen	John H. Lymen and Sons Coast. Inc.	Sue & Lymen and Sons, Com 603-387-9814 Cell 524-4314

Persons Attending:	Representing:	Telephone/Cell and E-mail:
Heidi O'Brien	J White Contracting	Heidi O'Brien Contracting, Co. Jason @ J White Contracting . Com 978-504-0146
Riley West	JP Cardillo and Son	603-571-1916 Riley @ SpCardillo . Com and MUMMTR @ SpCardillo . Com
Nick Ledue	Defelice Corp	978 452 6967 engineering @ defelicecorp . com
Scott Bonneau	S.U.R. Construction, Inc	603 - 332 - 4554 sbonneau @ surconstruction . com
Chris Langley	N. M. Curtis Earth Works	207-432-4750 clangley @ curthsearthworks . Com
RENE PERRON	D.E. CONSTRUCTION	202-247-6023 TRANSPORT @ YAHOO . COM.
Will Thompson	JAMCO Excavators LLC	(603) 394-7664 bidds @ jamcoexcavators . Com
Noah McDaniel	W.M. Shapleigh & Son Const.	(207) 384-7070 noahmcdaniel @ shapleighconstruction . com
Bernie Lee	Severino	603-234-8516 blee @ severino trucking . com

<u>Persons Attending:</u>	<u>Representing:</u>	<u>Telephone/Cell and E-mail:</u>
Tom Rossignol	WP DAVIS EXCAVATION	603-997-1347 WP tom@wpdavisexcavation.com

Little Bay Road Water Main Improvements

Questions received after Pre-Bid Meeting
(through, January 22nd, 2025)

Q1: Would 9-foot trench width be considered for milling and paving? Multiple paving contractors have mentioned 8' being too narrow for machine method paving.

A1: *Yes, trench paving limits will be widened to 9'. (see addendum No.2).*

Q2: What is the thickness of asphalt being put back in the trench? Detail shows 4" 19mm binder course and a 1" 12.5mm wearing course but only a 4" total milling depth?

A2: *Only ¾" binder (4" depth) is required for permanent trench repairs. Addendum No. 2 removes the 1" wearing course note from the Permanent Trench Pavement Repairs detail.*

Q3: If 1" wearing course is too be placed. Would 9.5 mm mix be considered? 12.5 mm mix should not be placed at anything less than 1.5" thick or 3x nominal thickness.

A3: *A 1" wearing course will not be placed see response to question #2.*

Q4: Would a trench excavation payment width of 5' instead of 3' be considered?

A4: *Payment width will remain 3' for trench excavation. All costs associated with additional work required outside the standard 3' width shall be incorporated into the unit price.*

Q5: Is it possible to get a better idea of what is required for the laptop computer. What programs will be used on it?

A5: *Contractors are not required to provide a laptop for Engineer's use. Addendum No.2 removes Section 01590 Temporary Field Office from the Project Manual. Providing a temporary field office will not be required.*

Q6: Requesting a Substantial Completion Time Extension.

A6: Requests for time extensions shall be in accordance to Article 4 of the Contract for Construction (Section B-2).

Q7: There are no items for restoration outside of pavement areas (loam & seed). Is this intended to be incidental?

A7: Restoration outside of paved areas shall be incidental.

Q8: Prosecution of Work implies that "well point dewatering (pre draining soils) in not anticipated", but Specification Section 02650 – Excavation Dewatering includes language regarding well points and pre draining soils. The specification section also includes the installation of Observations Wells. For the purpose of the bid, should we follow the Prosecution of Work and assume well points will not be needed? Will observation wells at the anticipated 100'-300' spacing be required?

A8: For the purpose of the Bid, the Prosecution of Work shall be followed and pre-draining of soils is not anticipated. Section 02650 is provided to have a performance specification available for pre-draining soils if required. As a unit item is not provided, costs for pre-draining soils will be negotiated and incorporated into the Contract via a Change Order if upon review, is determined as necessary, by the Engineer.

Q9: Specification Section 01010 indicates "Temporary trench pavement repairs shall be required at the end of each week unless approved otherwise". There are no items to cover this. Is this specification accurate and is this intended to be incidental?

A9: As noted in the pre-bid meeting, trenches do not have to be paved weekly. Trenches are kept stabilized, free of potholes, and considered satisfactory for safe vehicular travel. However, Engineer, City of Portsmouth, or Town of Newington reserve the right to request temporary trench repairs based on conditions observed on site.

Q10: Specification Section 01590 requires a field office with cell phone, internet, printer, laptop, microwave, refrigerator, etc. Please confirm this is required. If so, where do you propose we locate the field office?

A10: Contractors are not required to provide a temporary field office. Addendum No.2 removes Section 01590 Temporary Field Office from the Project Manual.

Q11: Specification Section 01562 requires a water truck be on-site at all times. Please confirm this is required.

A11: Addendum No. 2 clarifies water truck requirements.

Q12: Specification Section 13710 requires the contractor to develop and implement an Air Monitoring Program. Please confirm this is required.

A12: An air monitoring program is not needed. Addendum No. 2 is removing 1.6 Air Monitoring from Section 13710.

Q13: Will NHDOT standard asphalt mix be acceptable or will Portsmouth spec low RAP mix be required?

A13: NHDOT standard mix will be acceptable.

Q14: Will precast headwalls be acceptable in lieu of MRM?

A14: For the purposes of bidding, pricing based on MRM Headwalls shall be used.

Q15: Is the Auto Liability part C on page 34 per accident or per occurrence?

A15: It is per accident/occurrence.

Q16: Is builders risk insurance required? It is unclear on page 35 section G.

A16: Yes. Builders risk is required