

**Portland  
Water  
District**

*From Sebago Lake to Casco Bay*

## **PROVIDENCE WATER MAIN REPLACEMENT**

**ADDENDUM NO. 2  
TO  
CONTRACT DOCUMENTS  
FOR**

**BIDDING AND CONTRACT REQUIREMENTS AND SPECIFICATIONS  
VOLUME 1 OF 1**

**DATE: FEBRUARY 3, 2025**

Prepared By:  
**PORTLAND WATER DISTRICT  
225 Douglass Street  
Portland, ME 04104**

This Addendum shall be considered part of the bid documents for the Providence Street Water Main Replacement project. Bidders must acknowledge receipt of this Addendum within Division 0: Procurement and Contracting Requirements Section 00410.

Except as described below, the original bid document remains unchanged.

There is no change to the bid due date of 2/6/2025 by 3:00PM local time.

**Amend the Scope of Work as Follows:**

**SPECIFICATION UPDATES**

1. **Section 00410A- Bid Form.** Item W7 Estimated Quantity has been updated from three (3) to one (1).

**DRAWINGS**

1. **Sheet W2.** The 1" air valves called out to be installed in East Kidder Street have been removed from the design plan.

**ATTACHMENTS**

1. Project Question Log
2. Section 00410A-A2 – Bid Form - Revised
3. Sheet W2-REV1 - Revised

# Portland Water District

Providence – Water Main Replacement Project

Bidding – Question & Response Log

Last Revised: January 30, 2025

- 1. Are inverts for manholes in the areas of the project available?**
  - a. *PWD does not have information related to inverts for the manholes in this project area.*
- 2. Does the replacement pipe follow the existing main?**
  - a. *Yes, the replacement pipe will be installed in the same location and elevation as the existing pipe.*
- 3. Are Davis Bacon wage rates required for this project?**
  - a. *Davis Bacon wage rates are not required for this project.*
- 4. Can services be pulled?**
  - a. *Yes, services can be pulled.*
- 5. Are there any requirements related to the Green New Deal involved in this project?**
  - a. *The project does not carry any City of Portland Green New Deal requirements. However, the project will require the contractor to comply with all City of Portland ordinances/permit requirements, including their dewatering program requirements.*
- 6. Will work in Presumpscot Street be required to be completed at night?**
  - a. *This requirement will ultimately be up to the City of Portland during the review of the traffic control plan. PWD does not anticipate night work being required as part of this project.*
- 7. Will road closure support be provided for this project?**
  - a. *This will ultimately be up to the City of Portland's during the review of the traffic control plan.*
- 8. Who is the pipe manufacturer?**
  - a. *The project will utilize US Pipe supplied by Core and Main. The contractor is responsible for coordinating delivery of the pipe to the project site.*
- 9. Does PWD have an official start date or can work begin as soon as the weather permits?**
  - a. *PWD does not have an official start date. The work can begin any time after the construction season begins on April 15, 2025.*
- 10. Please clarify if asphalt escalation is allowed for this project. The Measurement and Payment Section references MDOT Spec 108 which has a 500-ton minimum.**
  - a. *PWD does not require the 500-ton minimum in order to utilize pavement escalation. PWD is following the MDOT spec 108, except for the quantity minimum.*
- 11. Please clarify how the pavement quantities were arrived at.**

- a. PWD used the equation outlined in the Measurement & Payment Section (see below). This calculation now includes estimates for short and long side service trenches.

$$\begin{array}{ccccccc} \text{Paving Area} & \times & \text{Paving Thickness} & \times & 0.06 & = & \text{Paving Weight} \\ \textit{(square yards)} & & \textit{(inches)} & & & & \textit{(tons)} \end{array}$$

**12. Will the 1" air valves in East Kidder Street be installed at the same time as the insertion valve prior to the project, or are the air valves expected to be installed by the contractor during the project?**

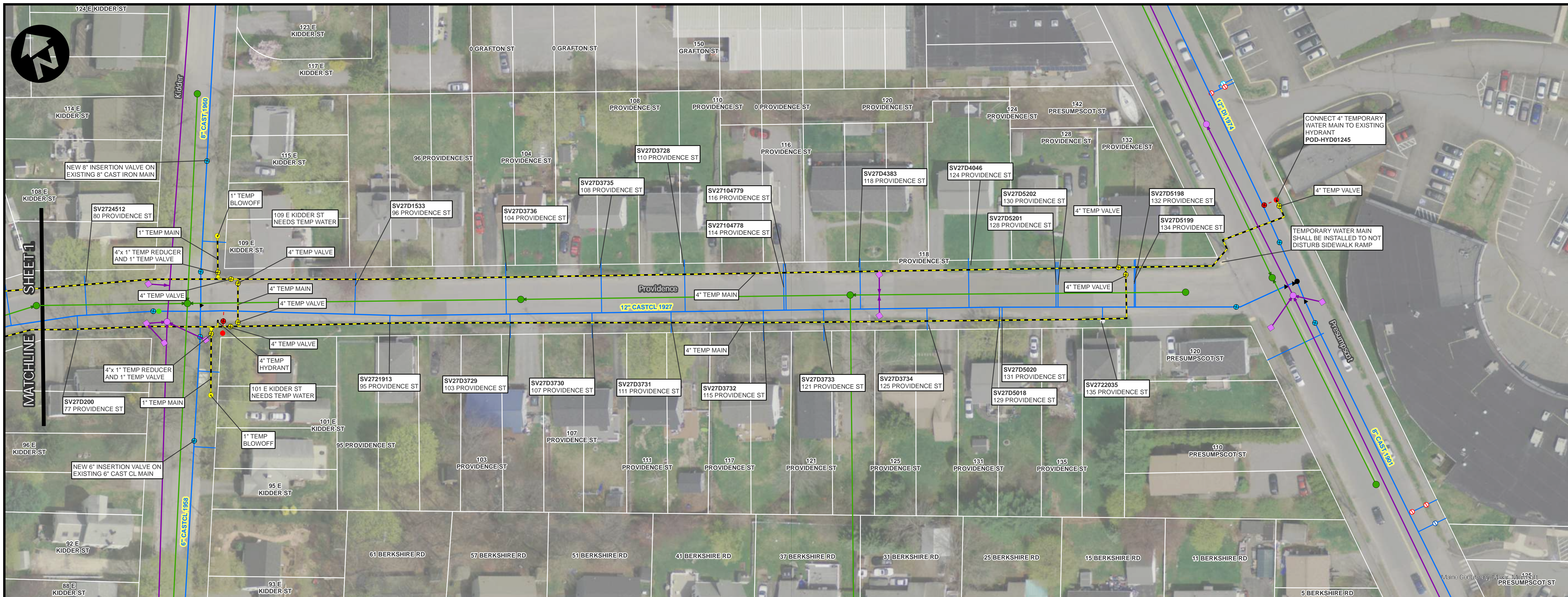
- a. The 1" air valves called out in East Kidder Street will be removed from the contract. The 1" air valve on the Ocean Ave side of Providence Street will remain in the design plan. Item W7 will be updated from three (3) to one (1).

BID FORM  
ADDENDUM 2  
PROVIDENCE WATER MAIN RENEWAL  
PWD 2025

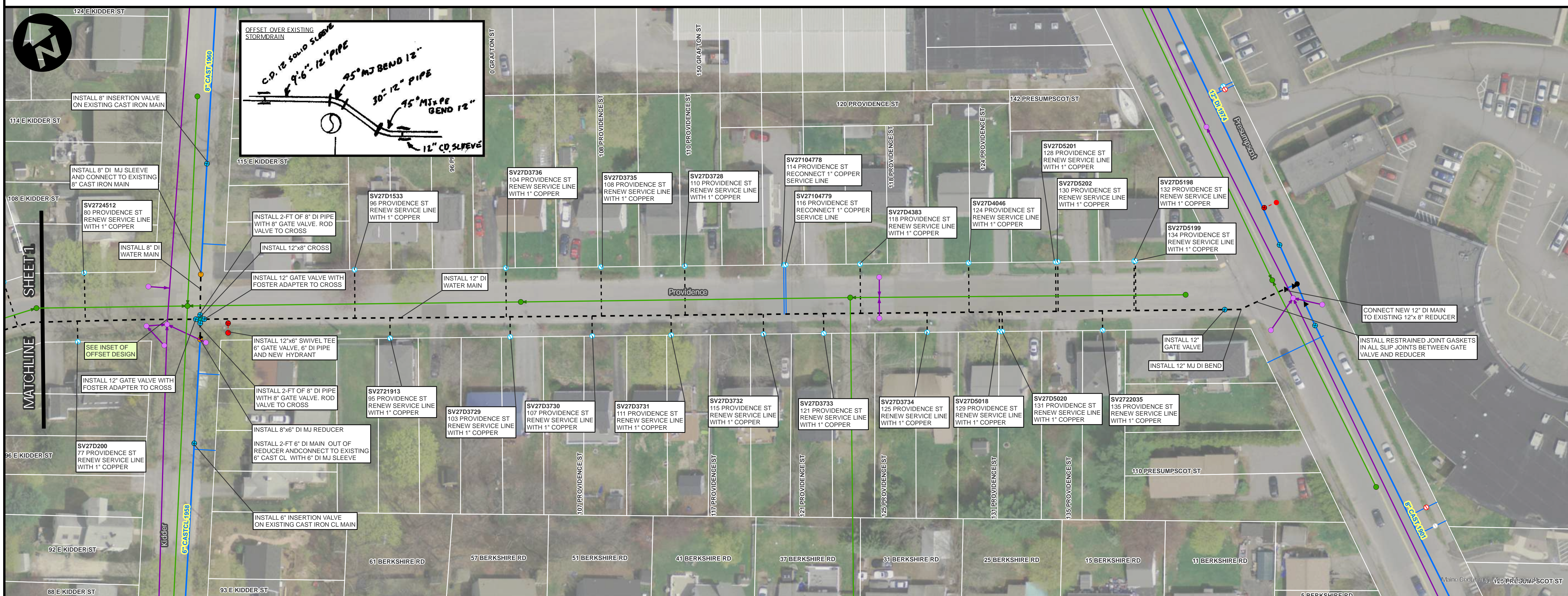
<u>Item No.</u>	<u>Description</u>	<u>Unit</u>	<u>Estimated Quantity</u>	<u>Bid Unit Price</u>	<u>Bid Price</u>
W1	12-inch DI Water Main Installed	LF	1830	\$	\$
W2	8-inch DI Water Main Installed	LF	40	\$	\$
W3	6-inch DI Water Main Installed	LF	20	\$	\$
W4	12-inch Gate Valve	EA	4	\$	\$
W5	8-inch Gate Valve	EA	2	\$	\$
W6	Hydrant Assembly w/ 6" Gate Valve	EA	2	\$	\$
W7	1-inch Air Release Valve	EA	1	\$	\$
W8	1-inch Copper Service - Short side	EA	17	\$	\$
W9	1-inch Copper Service - Long side	EA	21	\$	\$
W10	1-inch Copper Service - Reconnect	EA	3	\$	\$
W11	Gravel Borrow	CY	25	\$	\$
W12	Unsuitable Material Excavated Below Pipe Grade	CY	25	\$	\$
W13	Rock Excavation	CY	25	\$	\$
W14	Aggregate Subbase Course Type D	CY	750	\$	\$
W15	Aggregate Base Course Type A	CY	175	\$	\$
W16	HMA Binder Course - 12.5MM	T	500	\$	\$
W17	Traffic Control	LS	1	\$	\$
W18	Police Detail	HR	12	\$	\$
W19	Flagging	LS	1	\$	\$
W20	Temporary Water System	LS	1	\$	\$
W21	Foreman	HR	8	\$	\$
W22	Laborer	HR	8	\$	\$
W23	Excavator & Operator	HR	8	\$	\$
W24	Loader & Operator	HR	8	\$	\$
W25	Dump Truck & Driver	HR	8	\$	\$

TOTAL OF ALL BID PRICES:        \$ \_\_\_\_\_





EXISTING AND TEMPORARY MAINS



PROPOSED MAINS

**PROJECT:** 331442

**PROVIDENCE STREET WATER MAIN REPLACEMENT PORTLAND, MAINE**

**NOTES**

1. LOCATIONS OF UTILITIES OTHER THAN WATER ARE APPROXIMATE, AND NOT ALL UTILITIES ARE SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING, SUPPORTING AND PROTECTING ALL UTILITIES DURING INSTALLATION OF THE WATER MAIN.
2. CONTRACTOR SHALL DISPOSE OF ALL EXCAVATED PIPING AND APPURTENANCES. SALVAGE ALL REMOVED HYDRANTS AND DELIVER TO PWD YARD AT 225 DOUGLASS ST - PORTLAND.
3. REMOVE ALL OLD PIPING WITHIN TRENCH NOT EXPLICITLY CALLED OUT FOR REMOVAL.
4. REMOVE THE TOP SECTION OF ALL ABANDONED VALVE BOXES AND FILL WITH SAND.
5. INSTALL A MECHANICAL JOINT CAP ON ENDS OF ALL ABANDONED MAINS.
6. REPLACE ALL SERVICES TO BE RENEWED FROM MAIN TO STREET LINE WITH 1" COPPER PIPING, UNLESS OTHERWISE NOTED.
7. ALL MAINS AND SERVICES SHALL BE INSTALLED WITH 5.5' OF COVER MEASURED FROM PROPOSED ROAD GRADE UNLESS INDICATED OTHERWISE ON THE DRAWINGS OR APPROVED BY A PWD REPRESENTATIVE.
8. ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE POLY-WRAPPED PER SPECIFICATIONS.
9. INSTALL SWIVEL TYPE TEES FOR ALL HYDRANT CONNECTIONS.
10. A SHUTDOWN INCLUDING CUSTOMER NOTIFICATION IS REQUIRED FOR INSTALLATION OF ALL OUT-IN VALVES AND FITTINGS ON EXISTING WATER MAINS.
11. ALL FITTINGS SHALL BE MECHANICAL JOINT (RETAINED).
12. THE PORTLAND WATER DISTRICT WILL NOTIFY CUSTOMERS FOR ALL WORK INVOLVING TEMPORARY SHUTDOWN OF SERVICE. CUSTOMERS MUST RECEIVE AT LEAST 48 HOURS NOTIFICATION PRIOR TO ANY SHUTDOWN. THE DISTRICT MUST RECEIVE NOTICE FROM THE CONTRACTOR OF THE SHUTDOWN AT LEAST 4 DAYS PRIOR TO THE PROPOSED SHUTDOWN.

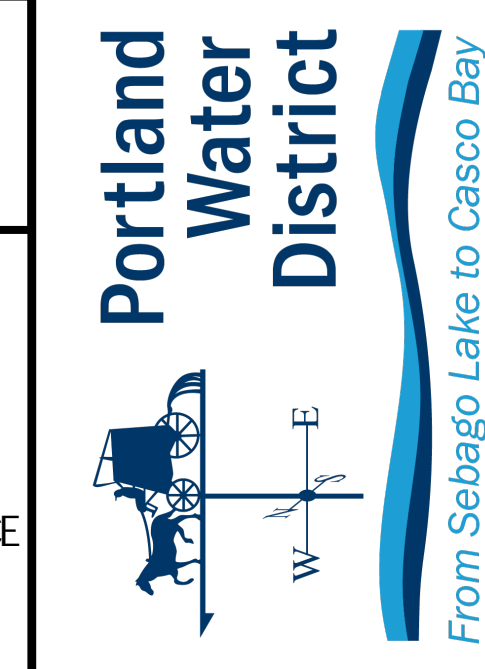
**PROPOSED TESTING PROCEDURE:**

1. THE PROJECT HAS BEEN DESIGNED WITH A SPECIFIC TESTING PROCEDURE IN MIND.
2. THE CONTRACTOR MAY PROPOSE ALTERNATIVE METHODS FOR TESTING FOR REVIEW AND APPROVAL BY PORTLAND WATER DISTRICT.
3. THE DESIGN BASIS FOR THE TESTING PROCEDURE SHOWN IS TO FILL THE MAIN FROM EITHER PRESUMPSCOT ST OR OCEAN AVE.
4. THE PRESSURE TESTING CAN BE COMPLETED ON THE ENTIRETY OF THE PIPE INSTALLED IN A SINGLE TEST.
5. FLUSHING, CHLORINATION, AND DECHLORINATION OF THE NEW MAIN WILL BE FROM OCEAN AVE TO PRESUMPSCOT ST.

**DATE:** 1/15/2025  
**REV 1 DATE:** 1/30/2025  
**REV 2 DATE:**

DESIGN BY: SJP  
 CHECKED BY: KSJ  
 DRAWN BY: BSJ

225 Douglass Street  
 PO Box 3553  
 Portland, Maine 04104



0 20 40 80 120 US Feet

SCALE: 1 IN = 40 FT

**LEGEND**

- EXISTING WATER MAIN
- - - PROPOSED WATER MAIN
- - - TEMPORARY WATER MAIN
- - - PROPOSED/RENEWED SERVICE
- - - RECONNECT SERVICE
- - - EXISTING SEWER MAIN
- - - EXISTING STORMDRAIN