



ST. TAMMANY PARISH

MICHAEL B. COOPER
PARISH PRESIDENT

March 28, 2024

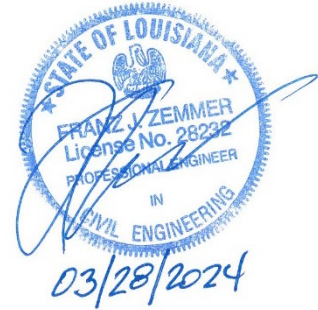
Please find the following addendum to the below mentioned BID.

Addendum No.: 2

Bid#: 23-52-2

Project Name: S. Military Rd US 190 & Rue Esplanade Water Main

Bid Due Date: Wednesday, April 3, 2024



GENERAL INFORMATION:

1. Do not break these documents into parts or sub-parts. Each contracting entity shall be responsible for all the work related to their trades wherever it may be shown within the contract documents package.
2. The scope of the work for contractors, subcontractors, material suppliers, etc., cannot be determined by examining partial sets of documents. The entire set of drawings and specifications must be reviewed to ascertain the scope of work for each project element.
3. Burning of any cleared material of any sort will not be allowed on this project. All materials shall be hauled off site for legal disposition.
4. Access to driveways and public and private rights-of-way shall be maintained at all times. Contractor shall coordinate his work to accommodate this provision.
5. All materials hauled to and from the site shall have a haul plan approved by St. Tammany Parish Government.
6. Pay special attention to notes regarding water meters as shown on Sheet 2g, pay items notes on Sheet 3, and pay item details on Sheet 2h.

THE FOLLOWING CHANGES WERE MADE TO THE PLANS

1. Delete Sheet 2c and replace with Sheet 2c – REVISED (ADD #2).
2. On Sheets 2h and Sheets 5-31, where a “?” is indicated, the “?” symbol should be a gate valve symbol “▶◀” where gate valve call outs are indicated.



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QUESTIONS FROM RFI on 06/09/2021

Question 1:

Can 6", 8" and 10" DR18 Fusible PVC® pipe be allowed as an equal to 8", 10" and 12" HDPE specified per Bid Item No. 4, 5 and 6?

Answer:

Fusible PVC is not allowed in this project. Fusible PVC was analyzed during the design process and ruled out due to the bending needed to go under the two (2) bayous and multiple roadway locations.

QUESTIONS FROM PRE-BID MEETING on 03/11/2024

Question 1:

Please clarify Open Cut details concerning lifts and density testing.

Answer:

Detail and Notes for Trench Detail Outside of Pavement on Sheet 2c have been revised and provided on Sheet 2c – REVISED (ADD #2) to allow for compaction of backfill by flooding. Compaction of backfill under pavement will be by mechanical means. Details and notes for both trenching details have been revised.

Question 2:

Please clarify 2100' boring beginning at station 228+00 on sheet 16.

Answer:

The note on Sheet 16 near Station 230+00 states "REQ'D 12" DIPS HDPE DR 11 W.L. Length = 2,111' " is for the directional drill that runs from Station 228+04.88 to Station 249+77.42. There is another directional drill pit located at Station 239+12.28, which is in the middle of the 2,111' run.

Contractor may implement additional pit locations along drilling routes provided locations would not require additional costs to the Owner or delay the project. Any request for additional drilling pits will be subject to the prior approval of the Project Engineer and Owner. No additional compensation will be given for additional drilling pits, the denial of additional drilling pit locations, or additional quantities to pay for items needed to implement the additional drilling pits.



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QUESTIONS FROM OTHER SOURCES

Question 1:

Please clarify type of service saddle to be used on HDPE pipe.

Answer:

Electrofusion service saddles/fittings will be permitted for use. Electrofusion service saddles will be threaded to allow the use of brass corporation stops. Additionally, full stainless steel service saddles, like those produced by Cascade, will be allowed for use on water mains constructed of HDPE. The cost of the electrofusion service saddles and/or stainless steel service saddles will be included in the unit price of the respective bid item.

Choice of the service saddle will be left to the contractor, but the contractor will need to submit what will be used during submittal process. Service saddle provided shall meet the requirements of the service saddle specified.

ATTACHMENTS:

1. **Sheet 2c – REVISED (ADD #2)** (1 page)
2. **Pre-Bid Sign-In-Sheet** (1 page)

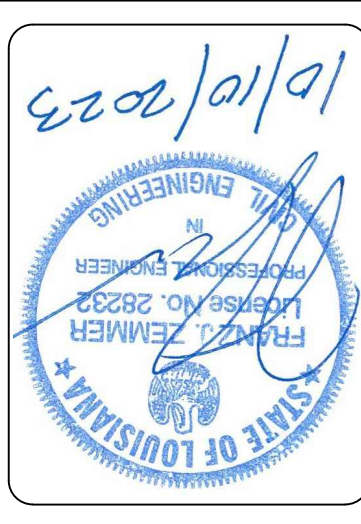
End of Addendum No. 2



DEPT. OF UTILITIES
ST. TAMMANY PARISH
GOVERNMENT
620 N. TYLER STREET
COVINGTON, LA 70433

No.	DESCRIPTION OF REVISION	DATE
1	ADDENDUM #2 (REVISION TO NOTES)	3/28/24

DESIGNED BY:	FJZ
CHECKED BY:	ENK
AGRE:	
SUBMITTED BY:	RCLC
PROJECT No.:	301-023-002
ISSUE DATE:	10.10.2023
APPROVED BY:	CPT
SHEET SIZE:	ANSI D
SCALE:	

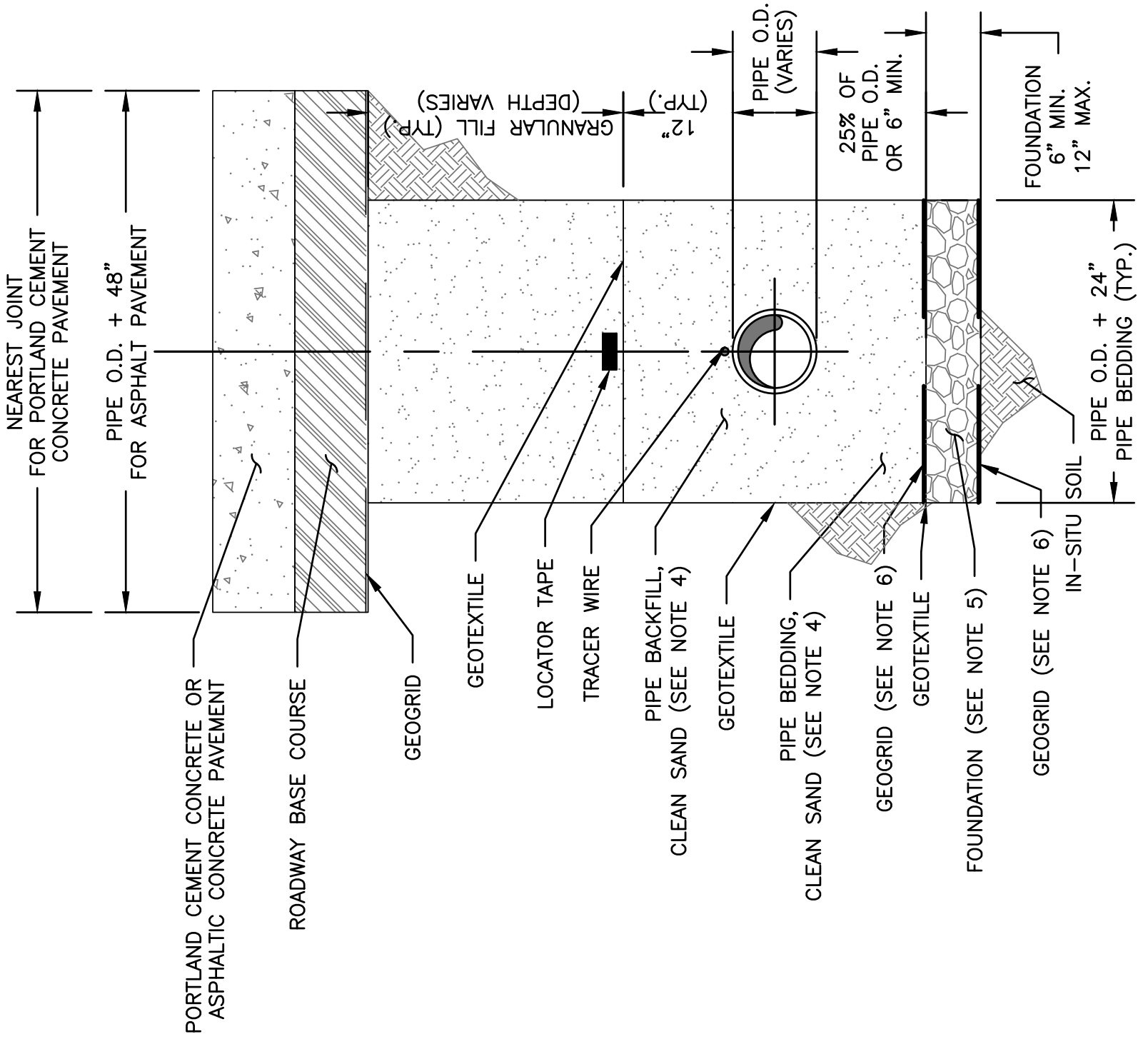


S. MILITARY RD US 190 &
RUE ESPLANADE WATER MAIN
TRENCH & ARV DETAILS

SHEET NO.
2c - REVISED
(ADD #2)

UNDER PAVEMENT TRENCH DETAIL NOTES:

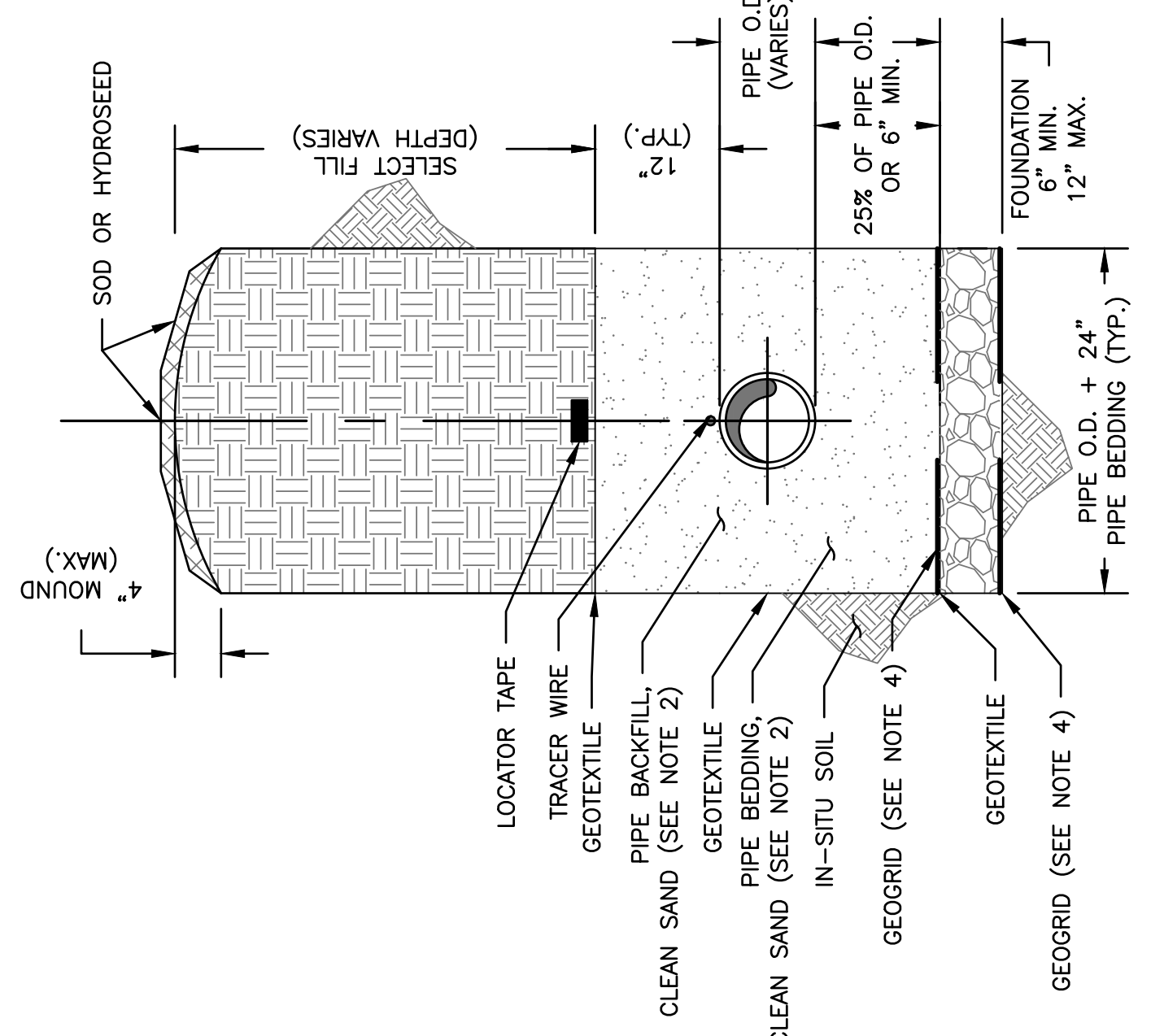
- ROADS, CURBS, DRIVEWAY APRONS AND SIDEWALKS TO BE IMPACTED BY EXCAVATION FOR SEWER OR WATER LINE REPAIRS SHALL BE REMOVED AND REPLACED TO NEAREST JOINT. WHEN THE SEWER OR WATER LINE WILL BE REPAIRED UNDER ASPHALT PAVEMENT, THE ASPHALT PAVEMENT SHALL BE SAW CUT BEFORE TEARING OUT PAVEMENT.
- ASPHALT PAVEMENT BASE COURSE AND PORTLAND CEMENT CONCRETE PAVEMENT SHALL COMPLY WITH THE MOST RECENT VERSION OF THE STANDARD PLANS AND SPECIFICATIONS PREPUBLISHED BY THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT.
- PORTLAND CEMENT CONCRETE PAVEMENT USED FOR ROADWAYS AND DRIVEWAYS SHALL BE LADOTI TYPE B MIX MODIFIED TO PROVIDE A MINIMUM 3-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
- BEDDING AND BACKFILL MATERIALS FOR WATER LINES SHALL BE A CLEAN SAND COMPLYING WITH ASHTO GROUP CLASSIFICATION A-3. ALL BEDDING AND BACKFILL MATERIALS SHALL BE PLACED IN LIFTS NOT EXCEEDING A THICKNESS OF EIGHT INCHES (8") PER LIFT AND THEN COMPACTED BY MECHANICAL MEANS. SAND BEDDING AND BACKFILL MATERIALS SHALL HAVE MINIMUM COMPACTION OF 95% OF THE MAXIMUM DRY UNIT WEIGHT AS DETERMINED BY ASTM D698.
- A CRUSHED No. 57 LIMESTONE FOUNDATION SHALL BE USED TO STABILIZE SOFT AND/OR WET BOTTOM OF EXCAVATION UPON APPROVAL OF ENGINEER. A MINIMUM OF 6 INCHES OF SOFT AND/OR WET NATIVE MATERIAL SHALL BE REMOVED PRIOR TO PLACING THE CRUSHED No. 57 LIMESTONE FOUNDATION. CRUSHED No. 57 LIMESTONE SHALL BE PLACED IN LIFTS NOT EXCEEDING A THICKNESS OF EIGHT INCHES (8") PER LIFT AND THEN COMPACTED BY MECHANICAL MEANS. CRUSHED No. 57 LIMESTONE FOUNDATION SHALL HAVE MINIMUM COMPACTION OF 90% OF THE MAXIMUM DRY UNIT WEIGHT AS DETERMINED BY ASTM D4253.
- THE PLACEMENT OF GEOTEXTILE SHALL BE AS SHOWN ON THE DETAIL. GEOTEXTILE IS TO BE INSTALLED BELOW THE No. 57 LIMESTONE FOUNDATION WHEN A No. 57 LIMESTONE FOUNDATION IS NECESSARY. GEOTEXTILE SHALL BE PLACED BELOW SAND BASE AND ON TOP OF GEOTEXTILE FABRIC WHEN THE No. 57 LIMESTONE FOUNDATION IS NOT REQUIRED. ALL GEOTEXTILE SHALL BE A BIAXIAL GEOTEXTILE SUCH AS TENSAR BX1200, SYNTEC SBX12 OR APPROVED EQUAL. TRANSVERSE AND LONGITUDINAL OVERLAP SHALL BE A MINIMUM OF 24 INCHES.
- THE PLACEMENT OF GEOTEXTILE FABRIC SHALL BE AS SHOWN ON THE DETAIL. GEOTEXTILE FABRIC SHALL BE NON-WOVEN PER LADOTI CLASS B, C OR D. TRANSVERSE AND LONGITUDINAL OVERLAP SHALL BE A MINIMUM OF 24 INCHES.
- CONCRETE THRUST BLOCKS SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI.



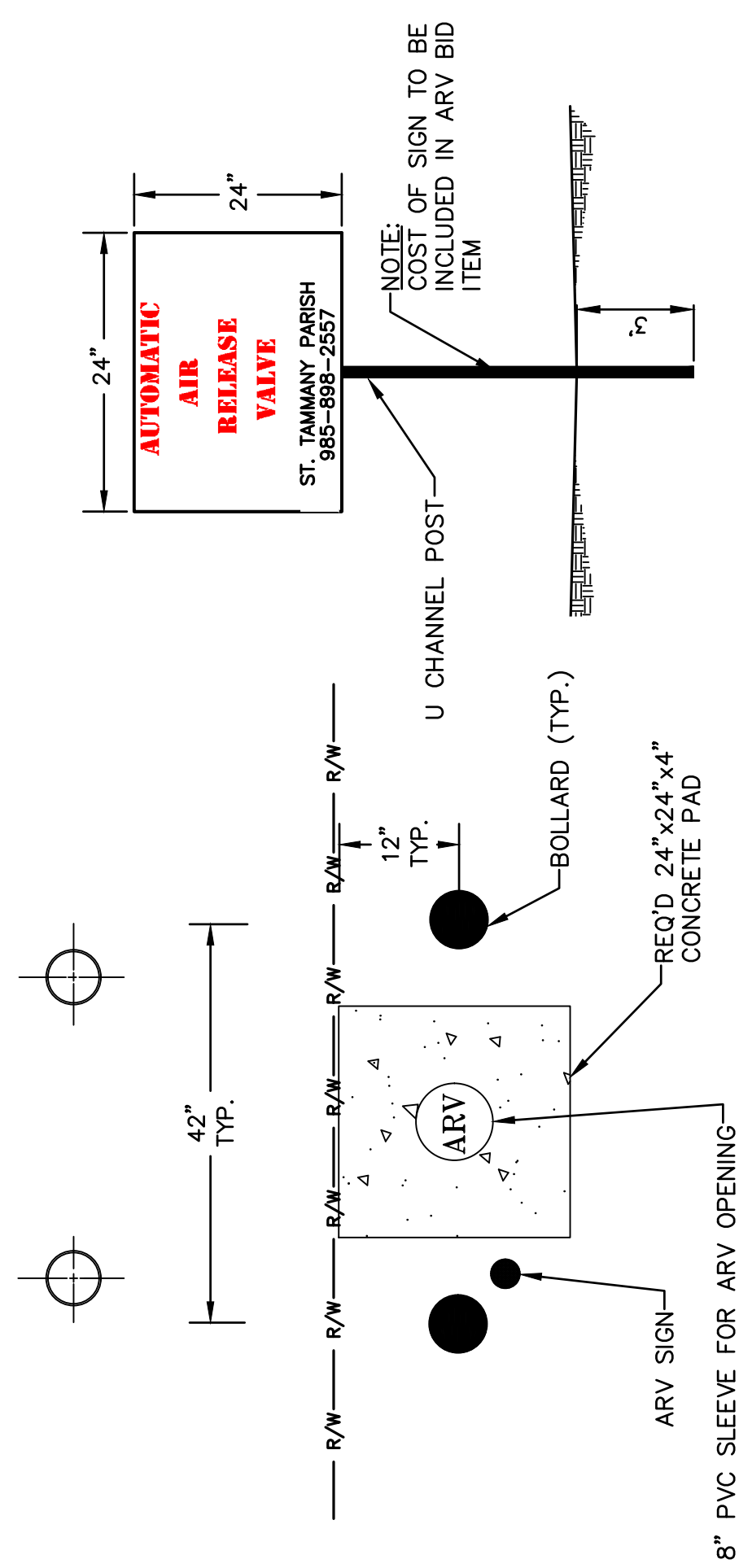
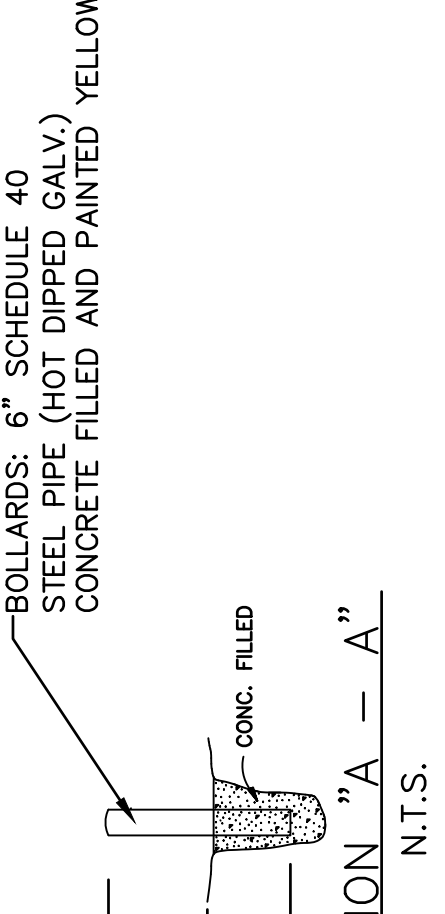
UNDER PAVEMENT TRENCH DETAIL
(NOT TO SCALE)

TRENCH DETAIL NOTES:

- SELECT FILL SHALL BE A SILTY OR CLAYEY SAND COMPLYING WITH ASHTO GROUP CLASSIFICATION A-2-4. IN-SITU SOILS USED AS SELECT FILL SHALL MEET ASHTO GROUP CLASSIFICATION A-2-4 AND SHALL BE FREE OF LARGE DEBRIS, LARGE ROCKS, ROOTS, AND OTHER DELETERIOUS MATERIALS. SELECT FILL SHALL BE COMPACTED TO 90% USING STANDARD PROPERTIES. ALL COMPACTED SELECT FILL COMPACTED TO 90% SHALL BE TO THE DISCRETION OF THE PROJECT ENGINEER.
- BEDDING AND BACKFILL MATERIALS FOR WATER LINES SHALL BE A CLEAN SAND COMPLYING WITH ASHTO GROUP CLASSIFICATION A-3. BEDDING AND BACKFILL MATERIAL SHALL HAVE MINIMUM COMPACTION OF 95% OF THE MAXIMUM DRY UNIT WEIGHT AS DETERMINED BY ASTM D698. SAND BACKFILL MATERIALS CAN BE COMPACTED BY FLOODING PRIOR TO TESTING. OTHERWISE, BACKFILL SHALL BE PLACED IN 8" LIFTS AND COMPACTED BY MECHANICAL MEANS TO 95% PER ASTM D698.
- A CRUSHED No. 57 LIMESTONE FOUNDATION CAN BE USED TO STABILIZE SOFT AND/OR WET BOTTOM OF EXCAVATION UPON APPROVAL OF ENGINEER. A MINIMUM OF 6 INCHES OF SOFT AND/OR WET NATIVE MATERIAL SHALL BE REMOVED PRIOR TO PLACING THE CRUSHED LIMESTONE FOUNDATION. CRUSHED No. 57 LIMESTONE SHALL BE PLACED IN LIFTS NOT EXCEEDING A THICKNESS OF EIGHT INCHES (8") PER LIFT. CRUSHED No. 57 LIMESTONE FOUNDATION SHALL HAVE MINIMUM COMPACTION OF 90% OF THE MAXIMUM DRY UNIT WEIGHT AS DETERMINED BY ASTM D4253.
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- CONCRETE THRUST BLOCKS SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
- ANY CONSOLIDATION OF TRENCH BACKFILL SHALL BE BACKFILLED UP TO ONE MONTH AFTER SUBSTANTIAL COMPLETION AND AS NECESSARY UPON 12 MONTH WARRANTY PERIOD.



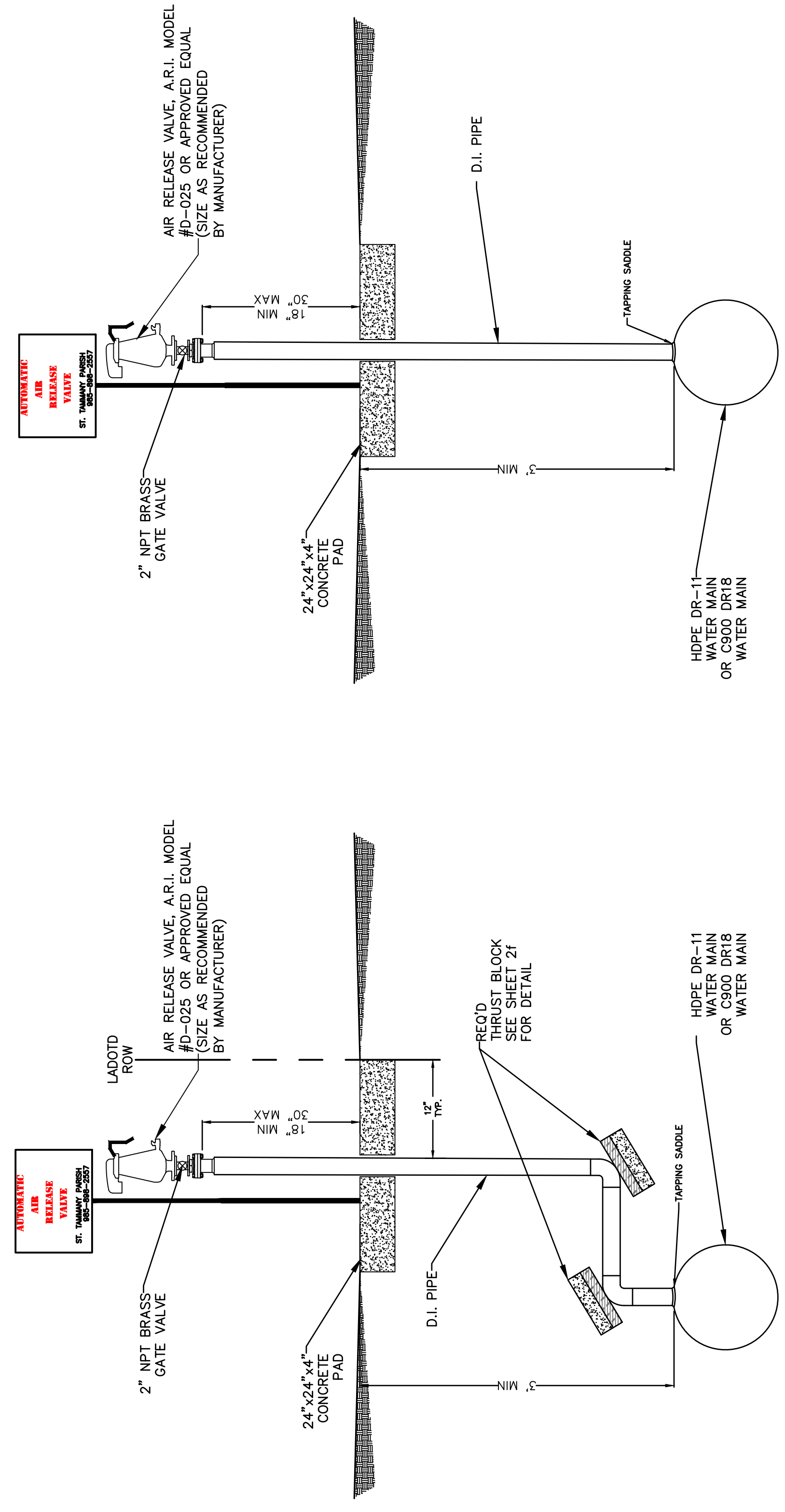
TRENCH DETAIL OUTSIDE OF PAVEMENT
(NOT TO SCALE)



ARV SIGN DETAIL
N.T.S.

BOLLARDS FOR ARV/FIRE HYDRANT & SAMPLING STATIONS

N.T.S.
NOTE: CONTRACTOR SHALL COORDINATE BOLLARDS LAYOUT WITH OWNER PRIOR TO SETTING LOCATIONS



AIR RELEASE VALVE DETAIL
N.T.S.

AIR RELEASE VALVE DETAIL
N.T.S.

