



Elizabeth Rose Triscari
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March 6, 2024

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17105-3265

In re: In re: Application of Pennsylvania American Water for Approval of the Alteration of the Crossing (AAR #) by the Installation of 16" Ductile Iron Water Main Where N 11th Ave Crosses Below the Tracks of Amtrak, Located in Caln Township, Chester County

Dear Secretary Chiavetta:

Enclosed please find the attached Application Form W in the above-referenced crossing located in the Caln Township, Chester County.

If you should have any questions, please feel free to contact Kelly Kowalski at (610) 292-3574.

Sincerely,

A handwritten signature in blue ink that reads "Elizabeth Rose Triscari".

Elizabeth Rose Triscari

Enclosure

cc: Kelly Kowalski (*via electronic mail*)
All Parties on the Attached Certificate of Service (*via first-class mail*)
Christopher Witwick, Amtrak (*via electronic mail*)
Moises Young, Amtrak (*via electronic mail*)

**BEFORE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

In re: Application of Pennsylvania American Water for approval of the alteration of the crossing (AAR #) by the installation of 16" ductile iron water main where N 11th Ave crosses below the tracks of Amtrak, located in Caln Township in Chester County.

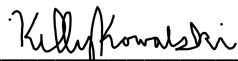
Application
Docket No.

To Pennsylvania Public Utility Commission:

1. The name and address of applicant are Pennsylvania American Water Company
852 Wesley Drive, Mechanicsburg, PA 17055

2. The name and address of applicant's attorney are: Elizabeth Rose Triscari,
Pennsylvania-American Water Company, 852 Wesley Drive, Mechanicsburg, PA 17055
3. Pennsylvania American Water is installing new 16" main on N 11th Ave in Caln Township. This includes the part of the road where Amtrak's track run above the township road. This project will help reroute the current 24" water main that currently runs parallel to Amtrak's tracks. This 24" main was installed in 1903 and has experienced numerous breaks over the years. This will help ensure safety for all parties once the main is rerouted on N 11th Ave.
4. Amtrak's tracks run above the N 11th Ave. Pennsylvania American Water will not alter these at all. The construction is taking place below grade on the municipal street.
5. Pennsylvania American Water, Amtrak, Caln Township. No other utilities will be altered. The new water main will be installed around the existing utilities.
6. The cost of the portion solely under the railroad tracks is approximately \$40,000.
7. The alteration is necessary or proper for the following reasons: to maintain safe, reliable water services to Caln Township and to safely reroute water main that is dangerously close to Amtrak's tracks.

Wherefore, applicant prays your Honorable Commission to approve the application:



(Signature of Applicant)

§ 1.36. Verification.

(a) Applications, petitions, formal complaints, motions and answers thereto containing an averment of fact not appearing of record in the action or containing a denial of fact shall be personally verified by a party thereto or by an authorized officer of the party if a corporation or association. Verification means a signed written statement of fact supported by oath or affirmation or made subject to the penalties of 18 Pa. C.S. §4904 (relating to unsworn falsification to authorities). If verification is required, notarization is not necessary.

(b) The Verification form should comply substantially with the following:

VERIFICATION

I, Kelly Kowalski, hereby state that the facts above set forth are true and correct (or are true and correct to the best of my knowledge, information and belief) and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904 (relating to unsworn falsification to authorities).



(Signature)

Dated: February 28, 2024

PENNSYLVANIA AMERICAN WATER COMPANY

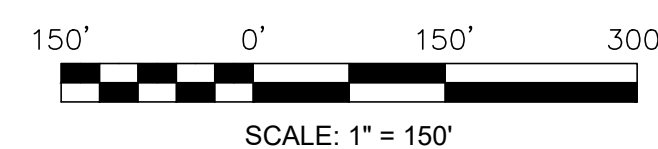
N. 11TH AVENUE / AMTRAK BRIDGE NO. 37/54 WATER MAIN INSTALLATION

PERMIT PLAN

CALN TOWNSHIP, CHESTER COUNTY, PA



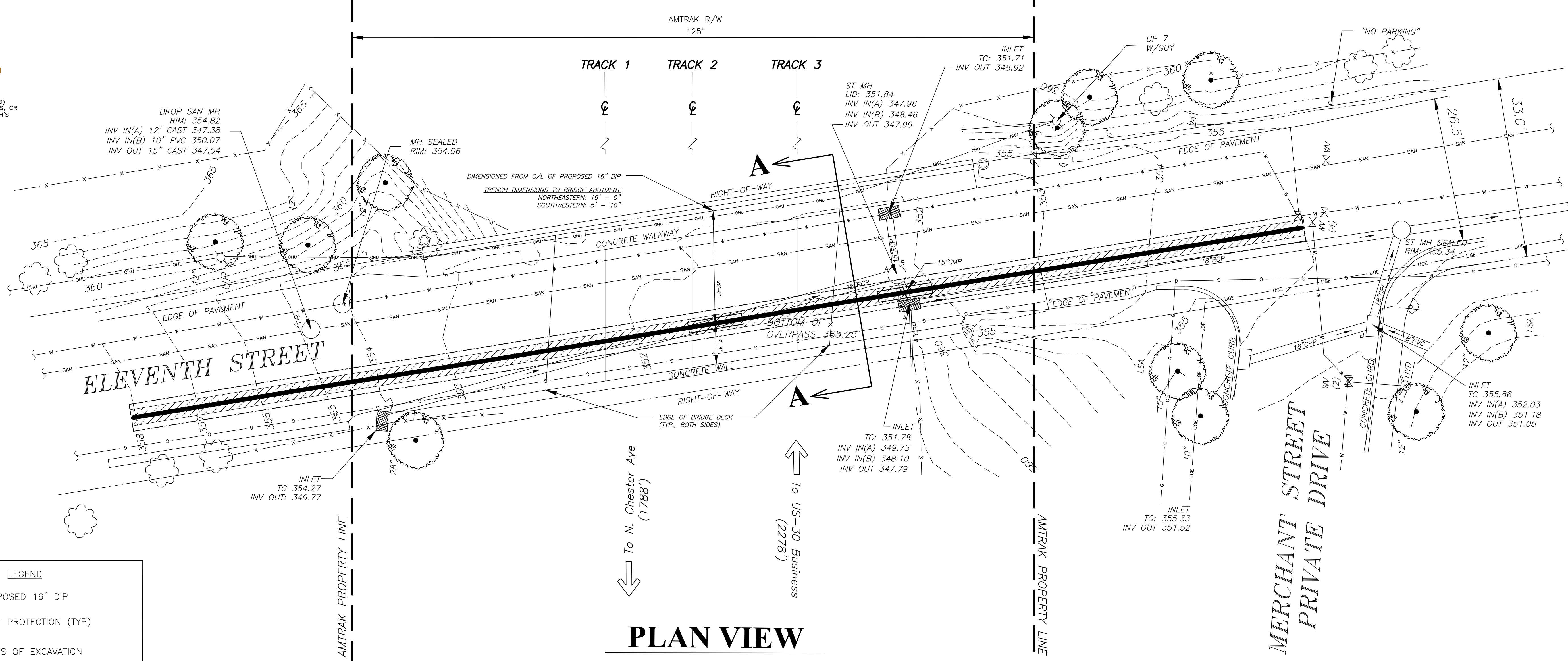
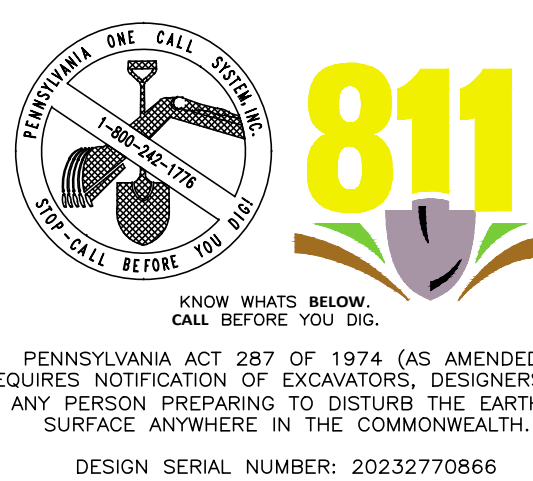
LOCATION MAP



LIST OF DRAWINGS		
Drawing Sheet	Drawing Description	Revision Date
1 OF 4	TITLE SHEET	12/21/2023
2 OF 4	PLAN & PROFILE	12/21/2023
3 OF 4	DETAILS & NOTES	12/21/2023
4 OF 4	DETAILS	12/21/2023

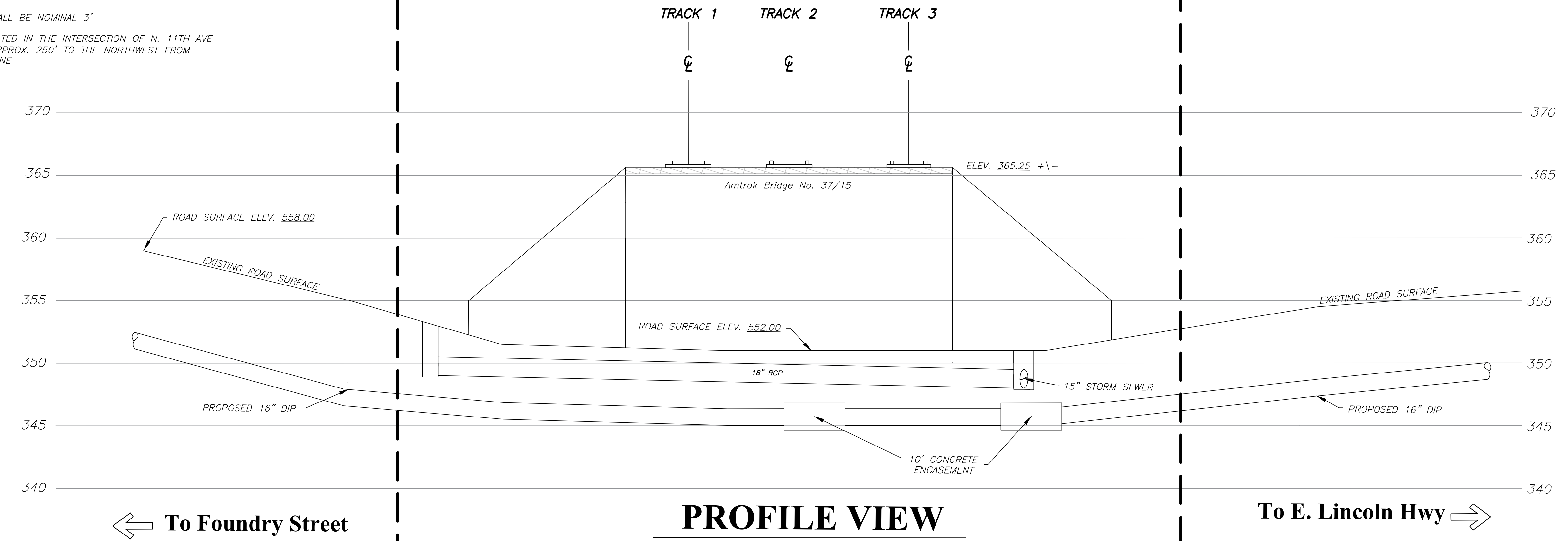
PREPARED BY:





LEGEND	
	- PROPOSED 16" DIP
	- INLET PROTECTION (TYP)
	- LIMITS OF EXCAVATION
	- MILL & OVERLAY

* TRENCH WIDTH SHALL BE NOMINAL 3'
 * WATER VALVE LOCATED IN THE INTERSECTION OF N. 11TH AVE & FOUNDRY ST APPROX. 250' TO THE NORTHWEST FROM TRACK 1 CENTERLINE



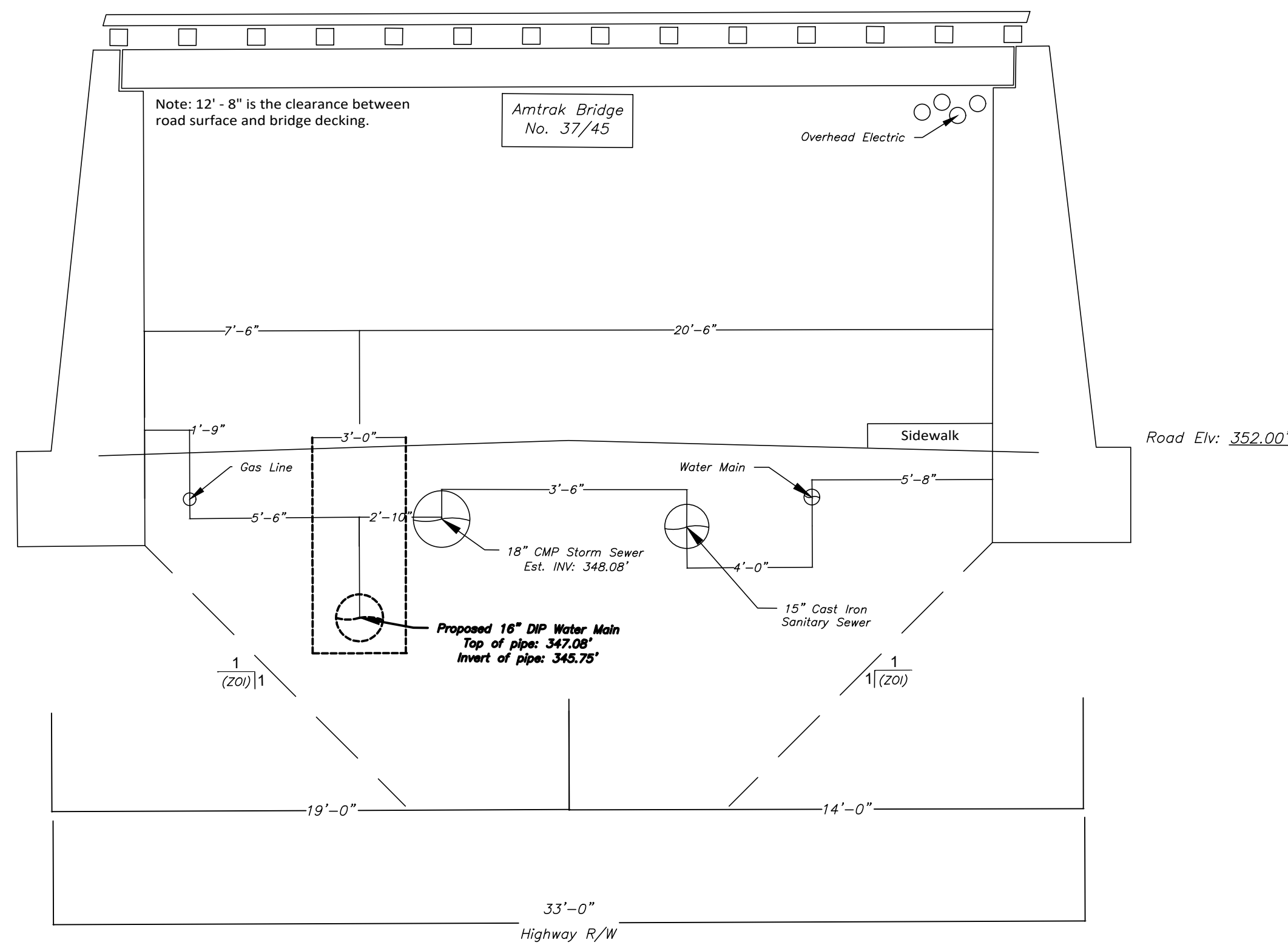
PROFILE VIEW
 HORIZONTAL 1" = 10'
 VERTICAL 1" = 5'

REV.	DESCRIPTION	DATE	BY

DESIGNED BY: R. PRESTON	DATE: 12/21/2023	PROJECT NO.:	
DWN BY: J. NEWMAN	CND BY: R. PRESTON	PROJECT NO.:	PAWC62303
SUBMITTED BY: R. PRESTON	ECMS NO.:		
SCALE: N.T.S.	PLOT DATE: 12/21/2023		
FILE NAME: P:\PAWC\PAWC62303			



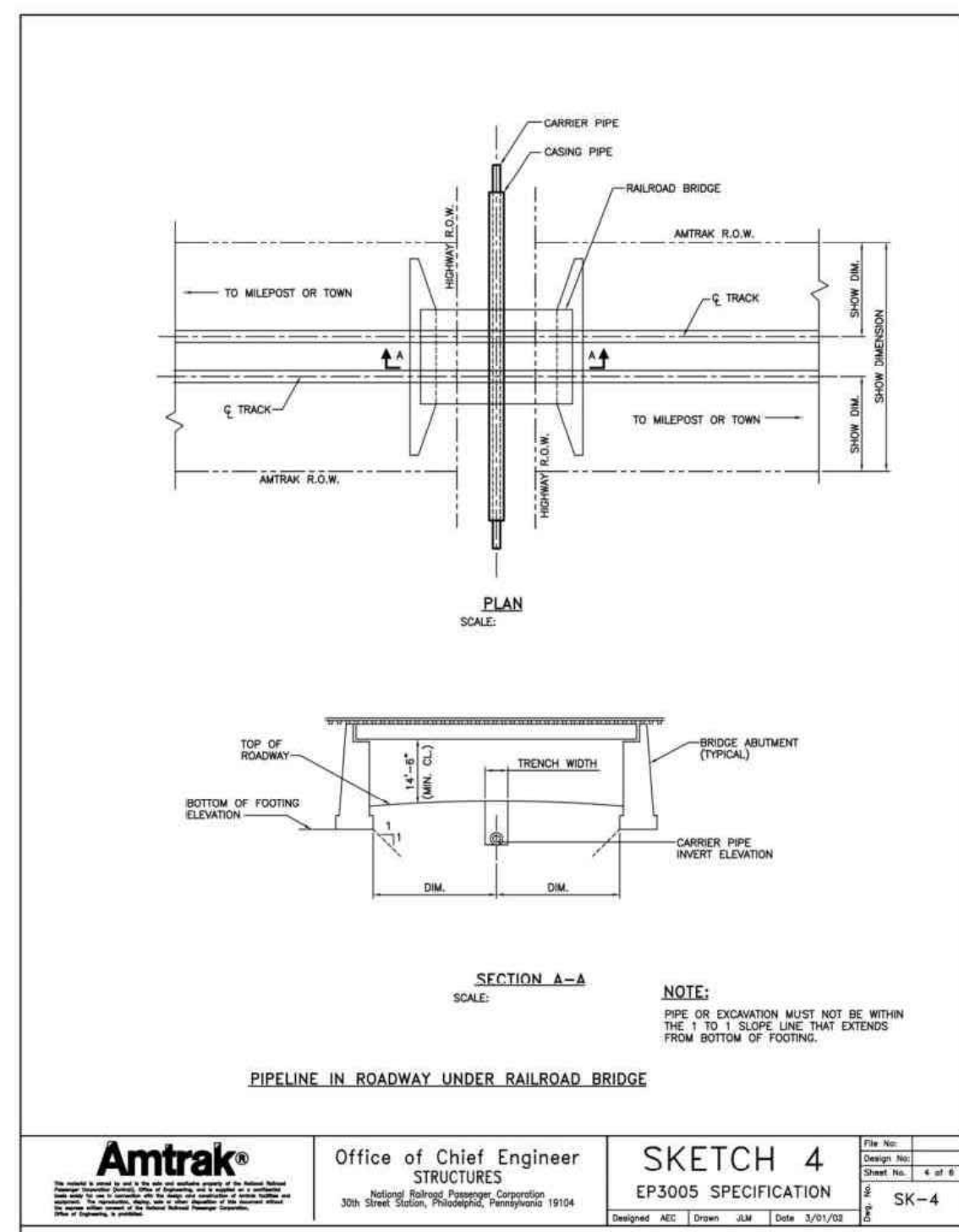
PENNSYLVANIA AMERICAN WATER COMPANY
 N. 11th AVENUE / AMTRAK BRIDGE NO. 37/54
 WATER MAIN INSTALLATION
PLAN & PROFILE
 CALN TOWNSHIP, CHESTER COUNTY, PA



SECTION A-A

SCALE: NTS

Systemwide
Rev 2 06/23/14



PIPELINE OCCUPANCY

02061A - 22

GENERAL CONSTRUCTION NOTES

1. THE UNDERGROUND UTILITY INFORMATION SHOWN ON THESE DRAWINGS SET IS NOT GUARANTEED TO BE EXACT OR COMPLETE. LOCATIONS, MATERIALS TYPE AND SIZES OF UTILITIES WAS TAKEN FROM BEST AVAILABLE INFORMATION. THERE MAY BE DISCREPANCIES AND OMISSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT TYPE, SIZE AND LOCATION OF ALL UTILITIES AFFECTED AND/OR ENCOUNTERED BY THE CONSTRUCTION OF THIS PROJECT.
2. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE STATE STATUTES AND THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) FOR TRENCHES, EXCAVATIONS AND SHORING AND ANY OTHER APPLICABLE SUBJECT AREAS. ANY OPERATION OR SITUATION THAT THREATENS THE SAFETY OF WORKERS OR THE PUBLIC, INCLUDING IMPROPER TRAFFIC CONTROL SHALL BE CAUSE FOR SUSPENSION OF WORK UNTIL CORRECTIONS ARE MADE.
3. AREAS USED FOR CONTRACTORS' JOB/STORAGE TRAILERS, PERSONNEL, PARKING, MATERIAL STORAGE, SPOILS STOCKPILE, MATERIAL FABRICATION, AND ANY RELATED CONSTRUCTION USES MUST BE APPROVED IN ADVANCE BY THE PROJECT OWNER.
4. ALL EXCAVATION FOR THIS PROJECT SHALL BE UNCLASSIFIED.
5. THERE WILL BE NO BLASTING ALLOWED ON THIS PROJECT.
6. EXACT LOCATION, ELEVATIONS AND CONFIGURATION OF CONNECTIONS TO EXISTING WATER MAIN PIPING SHALL BE DETERMINED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. CONTRACTOR IS REQUIRED TO PERFORM A MINIMUM OF TWO (2) SUBSURFACE INVESTIGATIONS, ALONG THE PROJECT ROUTE TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING FACILITIES.
7. UNLESS OTHERWISE DIRECTED BY THE PROJECT OWNER, THE CONTRACTOR SHALL INSTALL THE WATER MAIN AS SHOWN ON THESE DRAWINGS SUCH THAT NO INTERMEDIATE HIGH POINTS RESULT.
8. CONCRETE BLOCKS AND/OR RESTRAINT DEVICES EXIST AT ALL WATER MAIN FITTINGS. THE CONTRACTOR SHALL WORK WITH CAUTION WHEN EXCAVATING IN THE VICINITY OF ANY EXISTING WATER MAIN FITTING SO THAT NO CONCRETE THRUST BLOCK OR RESTRAINT DEVICE IS DISTURBED. ALL NEW TRUST RESTRAINT DEVICES MUST BE INSPECTED AND APPROVED PRIOR TO BACKFILLING OF TRENCH.
9. CONTRACTOR SHALL CONDUCT CONSTRUCTION OPERATIONS IN SUCH A MANNER THAT STORM OR OTHER WATERS MAY PROCEED UNINTERRUPTED AND WITHOUT EROSION ALONG EXISTING STREETS OR DRAINAGE COURSES, THIS AREA IS KNOWN FOR FLOODING.
10. ALL EXISTING VALVES AND FIRE HYDRANTS SHALL BE OPERATED BY PENNSYLVANIA AMERICAN WATER COMPANY. OPERATION BY ANY OTHER PERSONNEL IS STRICTLY FORBIDDEN UNLESS APPROVED OTHERWISE.
11. CONTRACTOR IS RESPONSIBLE TO CLOSE N. ELEVENTH AVENUE DURING CONSTRUCTION UNDER AMTRAK R/R BRIDGE. CONTRACTOR MUST COMPLY WITH ALL ROAD CLOSURE REQUIREMENTS.
12. CONTRACTOR SHALL LOCATE BRIDGE FOOTERS PRIOR TO PIPELINE EXCAVATION, NO EXCAVATION MAY TAKE PLACE IN THE 1:1 SLOPE AREA.

CONSTRUCTION SEQUENCE

- A. A MINIMUM OF 7 DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL INVITE ALL UTILITIES EFFECTED BY THE CONSTRUCTION ACTIVITIES TO AN ON-SITE PRE-CONSTRUCTION MEETING.
- B. CONTRACTOR SHALL VERIFY ALL PERMITS ARE OBTAINED AND SHALL ABIDE BY ALL PERMIT RESTRICTIONS.
- C. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL EROSION & SEDIMENTATION CONTROLS ARE IN PLACE.
- D. COMMENCE CONSTRUCTION, OF OPEN TRENCH PIPE INSTALLATION, PIPE BEDDING AND TEMPORARY PAVING.
- E. COMPLETE CHLORINATION & DECHLORINATION AND TESTING OF NEW WATER MAIN.
- F. REMOVE ALL CONSTRUCTION EQUIPMENT AND DEBRIS FROM SITE AND REOPEN ROAD.
- G. SCHEDULE AND COMPLETE FINAL MILL AND OVERLAY OF LANE. SEE PAVING DETAIL SHEET 5 OF 5.
- H. PROVIDE PAWC WITH CONTRACTOR REDLINE AS-BUILT DRAWINGS WITHIN 6 MONTHS OF SUBSTANTIAL COMPLETION. WHEN COMPLETED, PAWC TO PROVIDE AMTRAK WITH AS-BUILT DRAWINGS.

NOTES PROVIDED BY AMTRAK

1. ALL WORK ON OR ADJACENT RAILROAD PROPERTY MUST COMPLY WITH AMTRAK ENGINEERING PRACTICES EP3005 - MAINTENANCE AND PROTECTION OF RAILROAD TRAFFIC DURING CONTRACTOR OPERATIONS.
2. DESIGN AND CONSTRUCTION MUST COMPLY WITH AMTRAK ENGINEERING PRACTICES EP3005 - PIPELINE OCCUPANCY. PRIOR TO CONSTRUCTION OPERATIONS, CONTRACTOR MUST SUBMIT, AT A MINIMUM, THE FOLLOWING TO AMTRAK FOR REVIEW AND APPROVAL: CONSTRUCTION PROCEDURE MEANS AND METHODS, SCHEDULE, DEWATERING SYSTEM (IF ANY), AND CALCULATIONS, AS APPLICABLE.
3. ALL UNDERGROUND UTILITIES, CABLES, AND FACILITIES MUST BE LOCATED AND PROTECTED BEFORE ANY EXCAVATING, DRILLING, BORING/DIRECTIONAL DRILLING, GROUND PENETRATING ACTIVITIES, OR CONSTRUCTION TAKES PLACE. THIS INCLUDES RAILROAD AND COMMERCIAL UTILITIES, CABLES, DUCT LINES, AND FACILITIES. THESE ACTIVITIES WILL NOT BE PERFORMED IN CLOSE PROXIMITY TO THE RAILROAD DUCT LINES UNLESS MONITORED BY ON-SITE AMTRAK COMMUNICATIONS AND SIGNAL (C&S) DEPARTMENT PERSONNEL. HAND DIGGING MAY BE REQUIRED, AS DIRECTED BY AMTRAK THROUGH THE ON-SITE AMTRAK C&S SUPPORT PERSONNEL. AMTRAK MAINTAINS THE RIGHT TO ACCESS ALL EXISTING CABLES AND CONDUITS THROUGHOUT CONSTRUCTION. AMTRAK ALSO RESERVES THE RIGHT TO UPGRADE AND INSTALL NEW CABLES AND CONDUITS IN THE AFFECTED AREA. THE "ONE-CALL" PROCESS MUST BE FOLLOWED. BE AWARE THAT AMTRAK IS NOT PART OF THE ONE-CALL PROCESS; CONTACT AMTRAK ENGINEERING TO HAVE ALL RAILROAD UNDERGROUND UTILITIES AND ASSETS LOCATED. IF REQUESTED BY AMTRAK, EXISTING DEPTHS OF UTILITIES BEING CROSSED MUST BE VERIFIED THROUGH TEST PITS PERFORMED BY THE CONTRACTOR AS DIRECTED BY AND UNDER THE DIRECT SUPERVISION OF AMTRAK C&S SUPPORT PERSONNEL. PRECAUTIONS MUST BE TAKEN TO PREVENT ANY INTERRUPTION TO RAILROAD OPERATION.
4. ANY WORK (OR EQUIPMENT BEING STAGED ONSITE DURING CONSTRUCTION) PERFORMED AT OR NEAR A RAILROAD CROSSING MUST NOT OBSTRUCT THE VIEW OF FLASHING LIGHT UNITS OR GATES TO ONCOMING TRAFFIC.
5. PRIOR TO ENTERING AMTRAK'S PROPERTY FOR ANY WORK, THE CONTRACTOR MUST EXECUTE AMTRAK'S STANDARD TEMPORARY PERMIT TO ENTER UPON PROPERTY (PTE). THE FULLY EXECUTED PTE, WRITTEN NOTICE TO PROCEED FROM AMTRAK THAT ALL REQUIREMENTS OF THE PTE HAVE BEEN MET AND PROOF OF SAFETY TRAINING MUST, AT ALL TIMES, BE FURNISHED BY THE CONTRACTOR AT THE PROJECT SITE.
6. ALL PERSONS THAT ARE ON OR ADJACENT TO THE RAILROAD PROPERTY MUST SUCCESSFULLY COMPLETE THE CONTRACTOR ORIENTATION TRAINING. ALL CONTRACTORS MUST CARRY THEIR "AMTRAK CONTRACTOR ROADWAY WORKER PROTECTION" CARD WITH THEM AT ALL TIMES WHILE ON OR ADJACENT TO RAILROAD PROPERTY.
7. ANY DEBRIS OR DAMAGE RESULTING FROM WORK SHALL BE IMMEDIATELY REPORTED TO THE RAILROAD. RAILROAD SHALL BE REPAIRED BY RAILROAD FORCES AT PROJECT EXPENSE.
8. ABANDONED PIPELINES SHALL BE COMPLETELY FILLED WITH CEMENT GROUT, COMPACTED SAND OR OTHER METHODS AS APPROVED BY AMTRAK. ABANDONED MANHOLES AND OTHER STRUCTURES LOCATED ON AMTRAK PROPERTY SHALL BE REMOVED TO A MINIMUM DISTANCE OF 3 FEET BELOW FINISHED GRADE AND COMPLETELY FILLED WITH CEMENT GROUT OR COMPACTED SAND.
9. NO EXCAVATION PERMITTED IN 1:1 SLOPE AREA.
10. ABANDONED PIPELINES SHALL BE COMPLETELY FILLED WITH CEMENT GROUT, COMPACTED SAND OR OTHER METHODS APPROVED BY AMTRAK. ABANDONED MANHOLES AND OTHER STRUCTURES SHALL BE REMOVED TO A MINIMUM DISTANCE OF 3 FEET BELOW FINISHED GRADE AND COMPLETELY FILLED WITH CEMENT OR COMPACTED SAND.

EROSION & SEDIMENT CONTROL NOTES

1. BEFORE INITIATING ANY REVISION TO THE APPROVED EROSION AND SEDIMENT CONTROL PLAN OR REVISIONS TO OTHER PLANS WHICH MAY AFFECT THE EFFECTIVENESS OF THE APPROVED E & S CONTROL PLAN, THE OPERATOR MUST RECEIVE APPROVAL OF THE REVISIONS OF THE APPLICABLE REVIEWING AGENCY. THE OPERATOR SHALL ASSURE THAT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT CONTROL.
2. ALL PUMPING OF SEDIMENT LADEN WATER OR POTENTIALLY SEDIMENT LADEN WATER SHALL BE THROUGH A SEDIMENT CONTROL BMP, SUCH AS A PUMPED FILTER BAG DISCHARGING OVER NON-DISTURBED AREAS.
3. THE CONTRACTOR IS ADVISED TO BECOME THOROUGHLY FAMILIAR WITH THE PROVISIONS OF THE APPENDIX 64, EROSION CONTROL RULES AND REGULATIONS, TITLE 25, PART 1, DEPARTMENT OF ENVIRONMENTAL PROTECTION, SUBPART C, PROTECTION OF NATURAL RESOURCES, ARTICLE III, WATER RESOURCES, CHAPTER 102, EROSION CONTROL.
4. THE OPERATOR SHALL REMOVE FROM THE SITE, RECYCLE, OR DISPOSE OF ALL BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH THE DEPARTMENTS SOLID WASTE MANAGEMENT & REGULATIONS. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP, OR DISCHARGE ANY BUILDING MATERIALS OR WASTES AT THE SITE.
5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES. ADDITIONALLY, THE OPERATOR SHALL ASSURE THAT AN EROSION AND SEDIMENT CONTROL PLAN BEEN PREPARED, AND HAVE BEEN APPROVED BY APPLICABLE REVIEWING AGENCY. DISTRICT AND/OR LOCAL MUNICIPALITIES IN COMPLIANCE WITH CHAPTER 102 RULES AND REGULATIONS, AND IS BEING IMPLEMENTED AND MAINTAINED FOR ALL OFF SITE SOIL AND/OR ROCK SPOIL AND/OR BORROW AREAS.

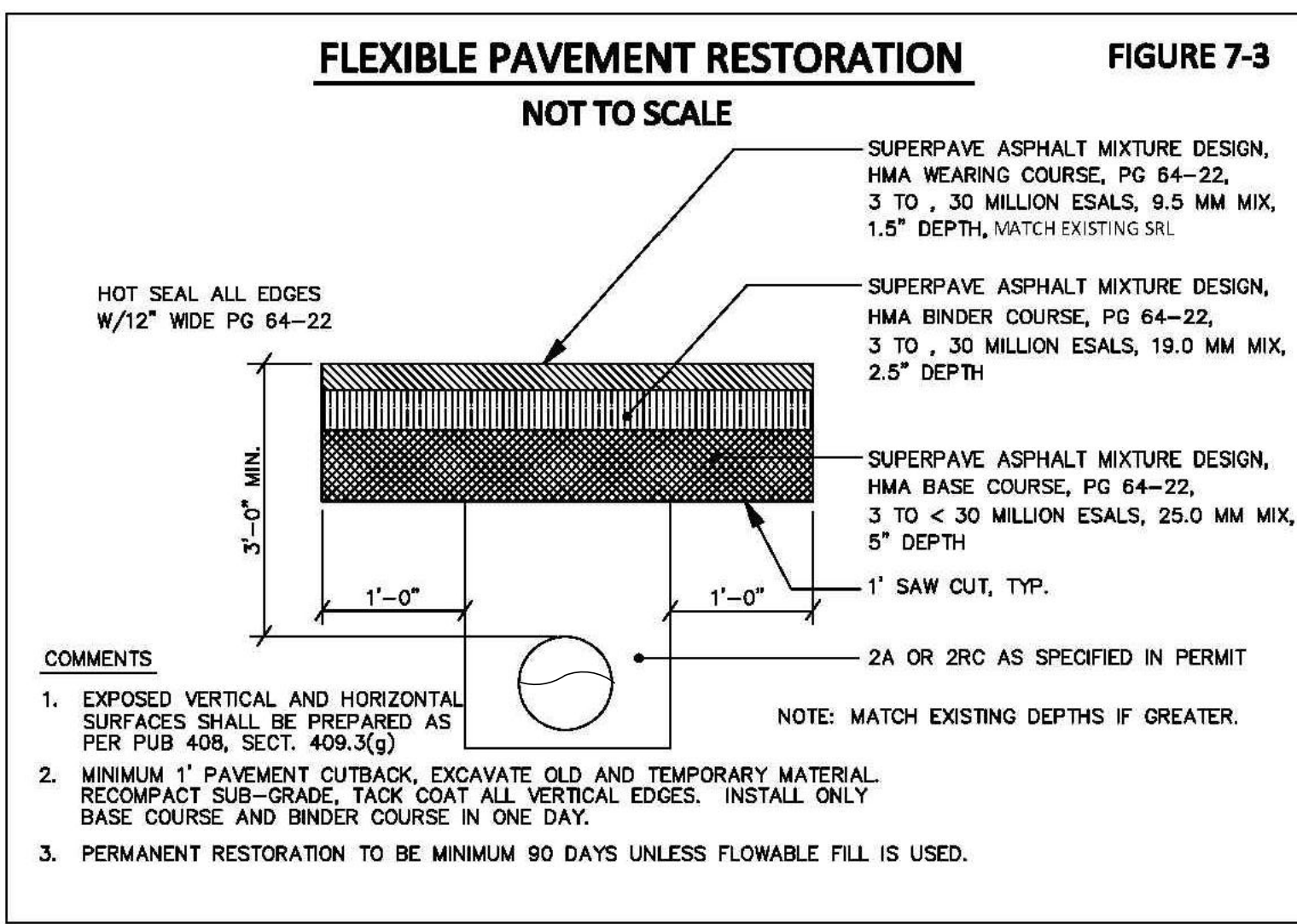
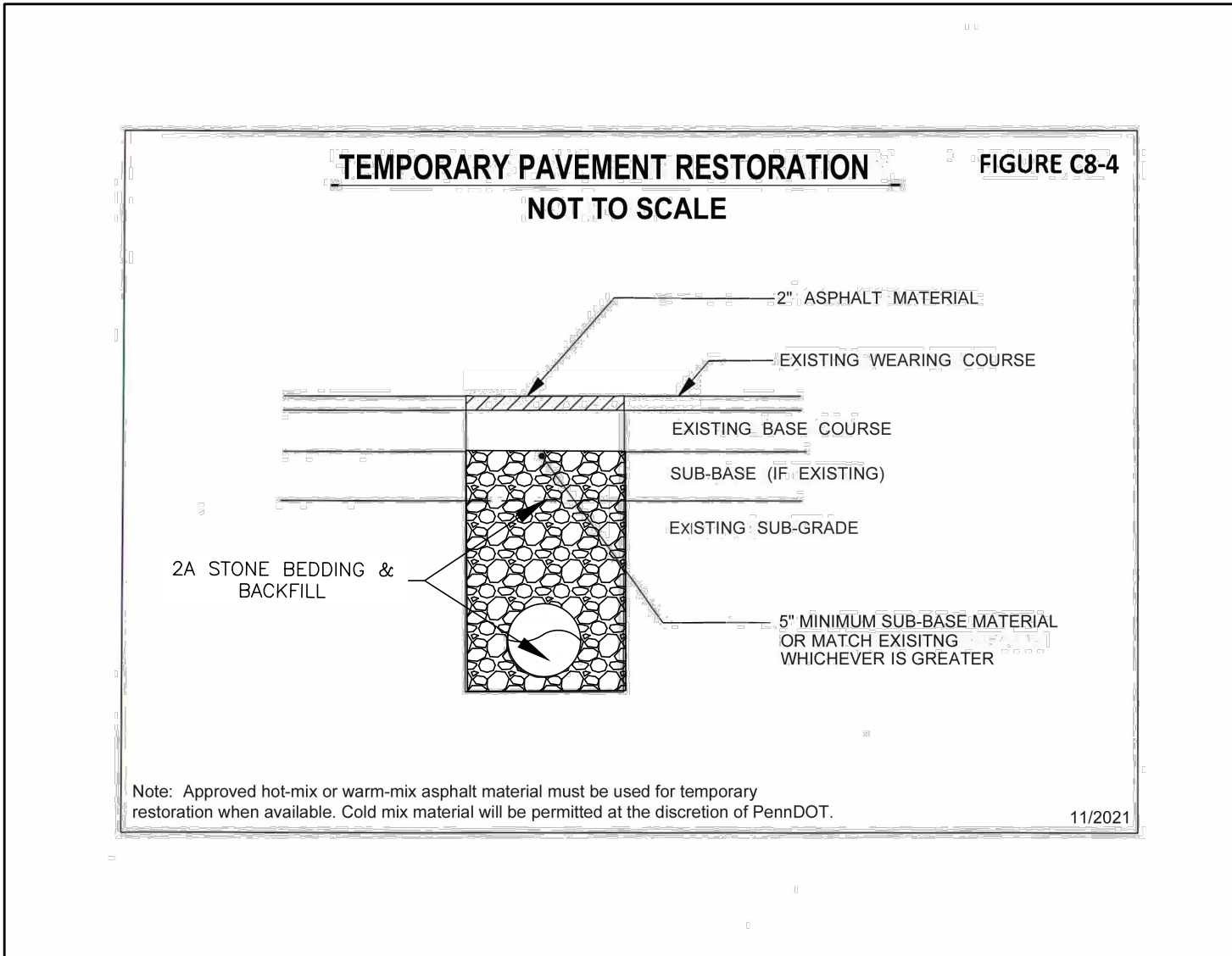
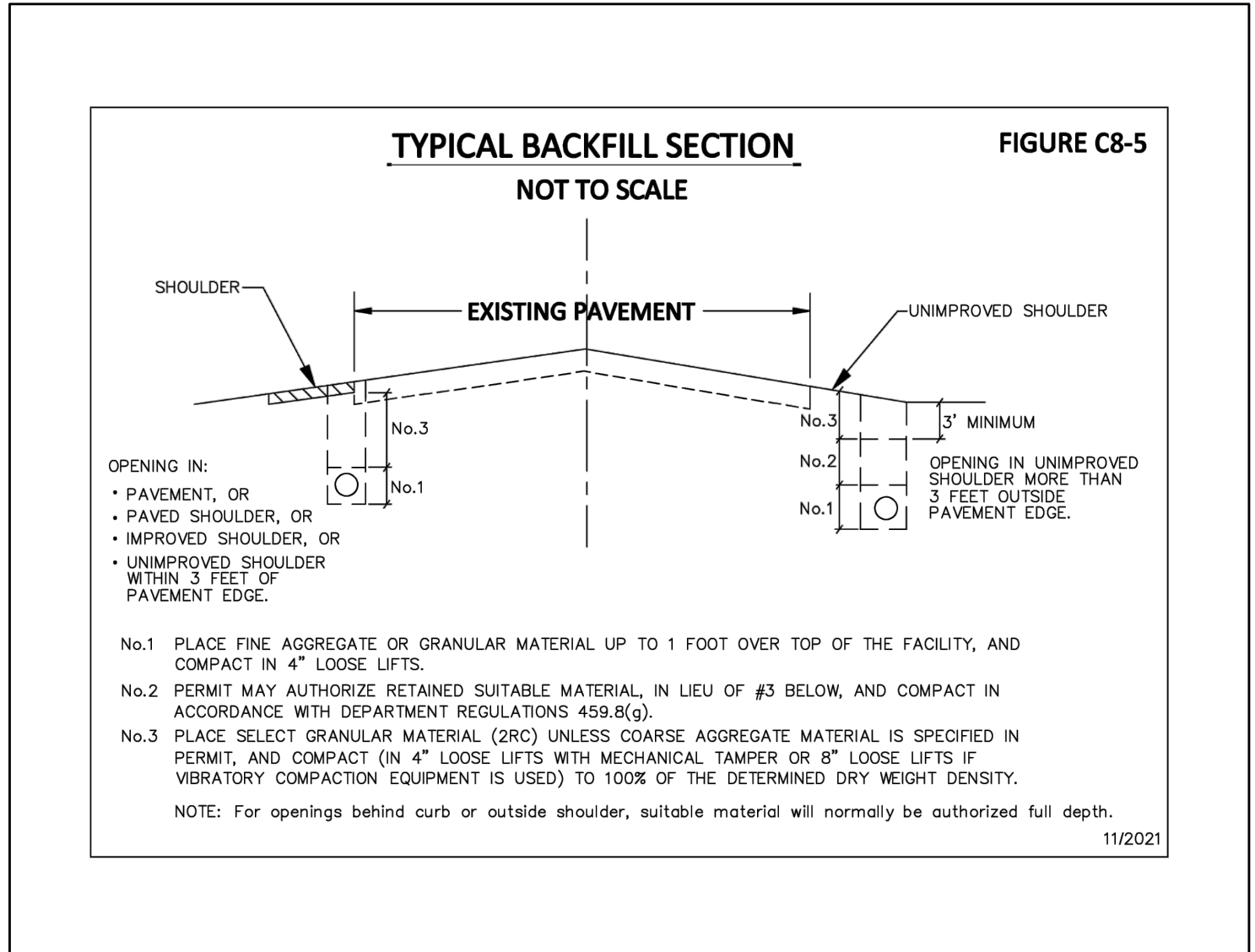
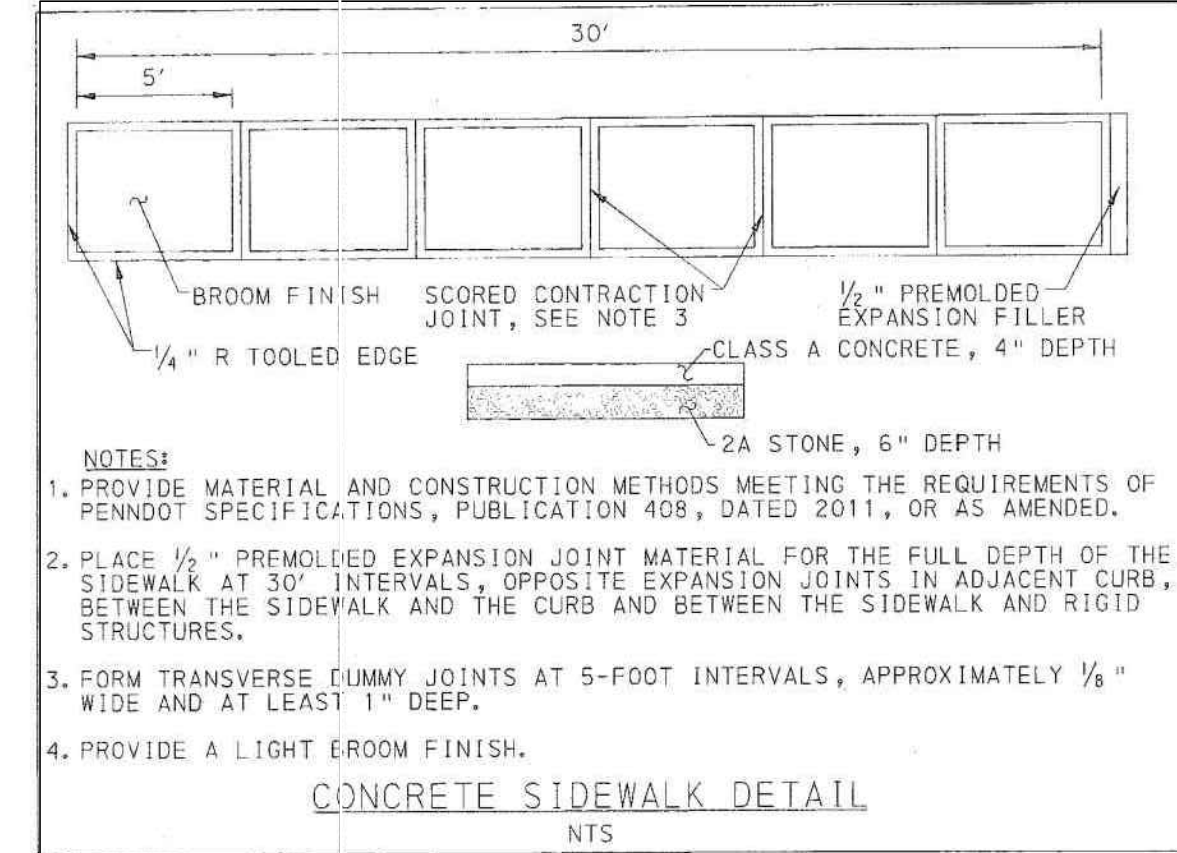
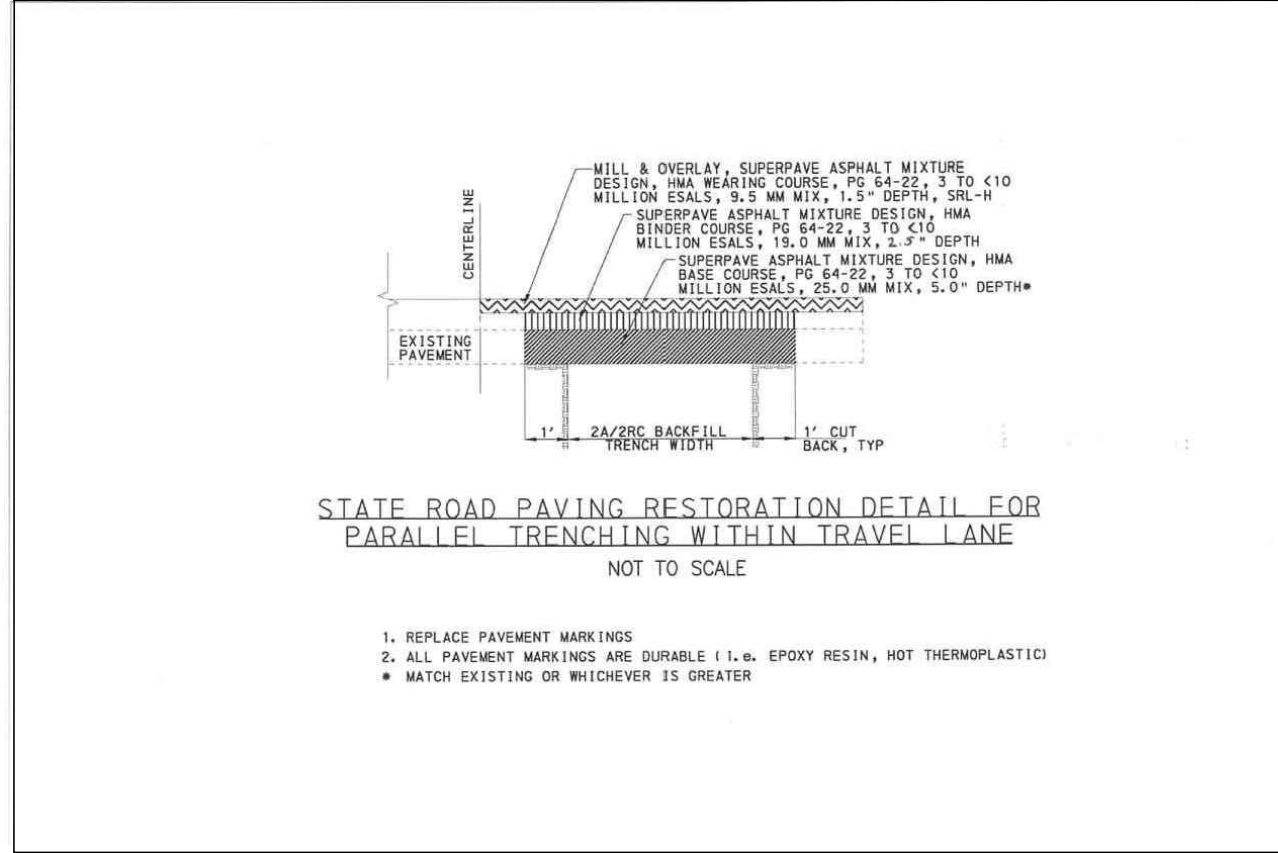
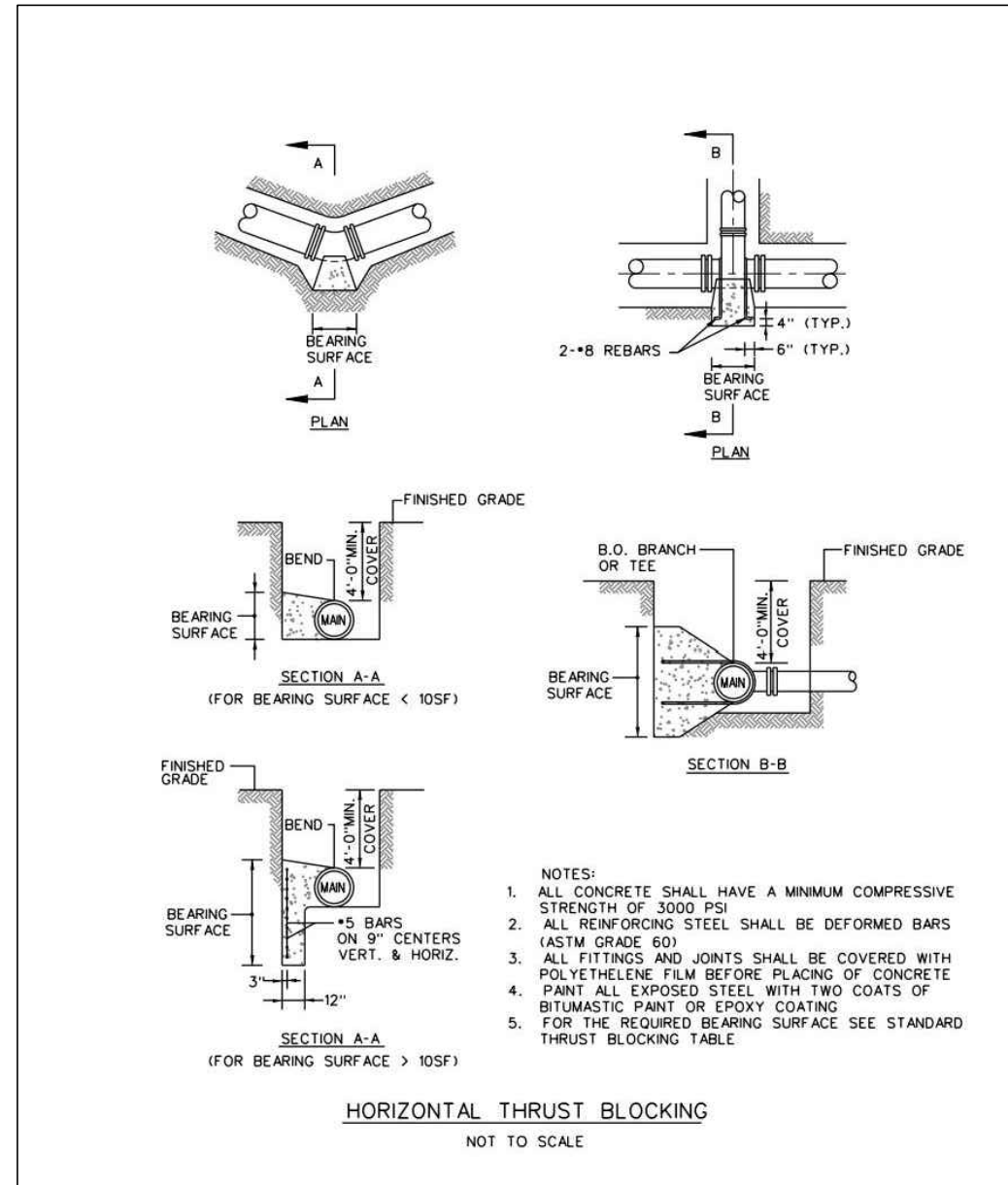
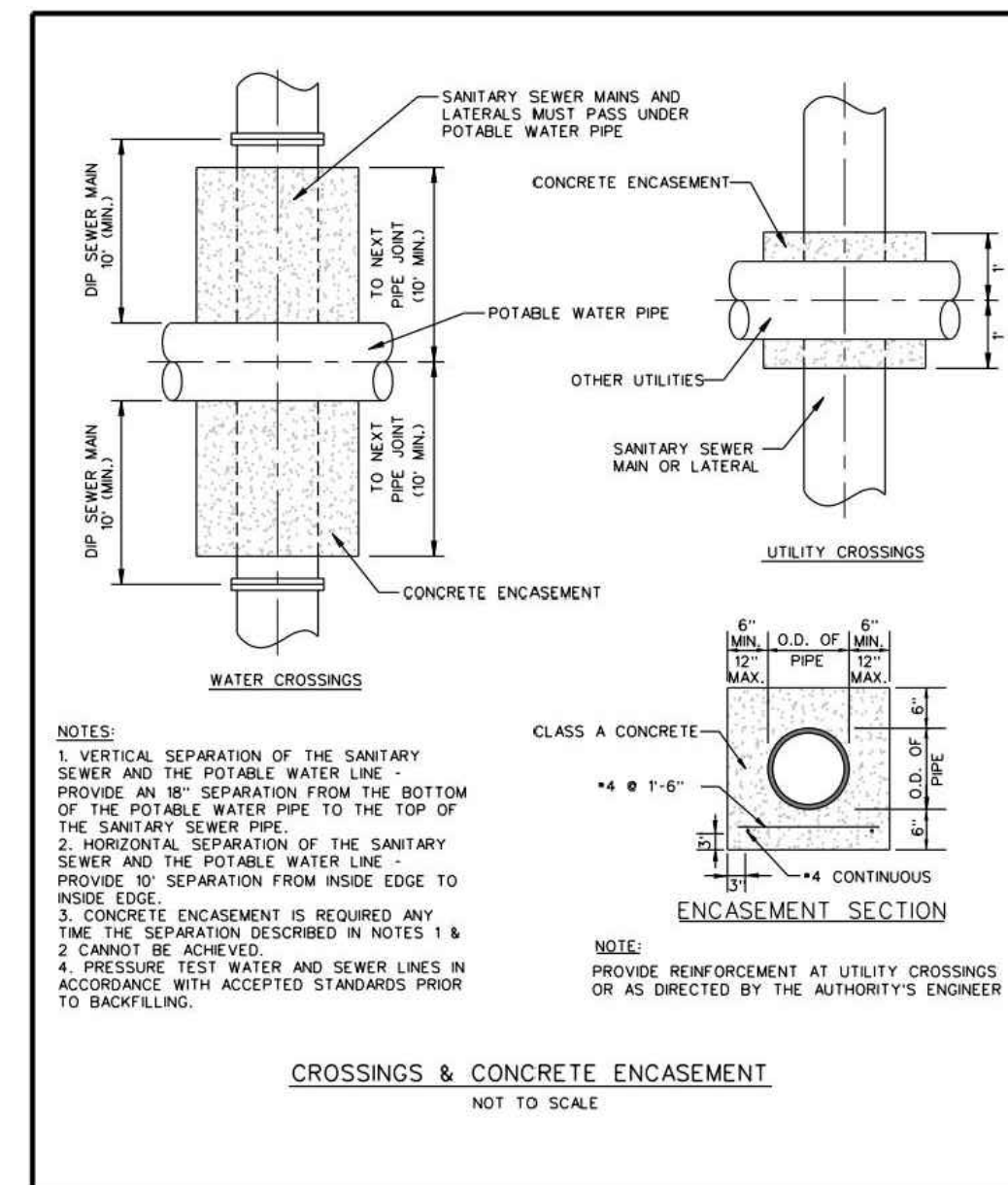
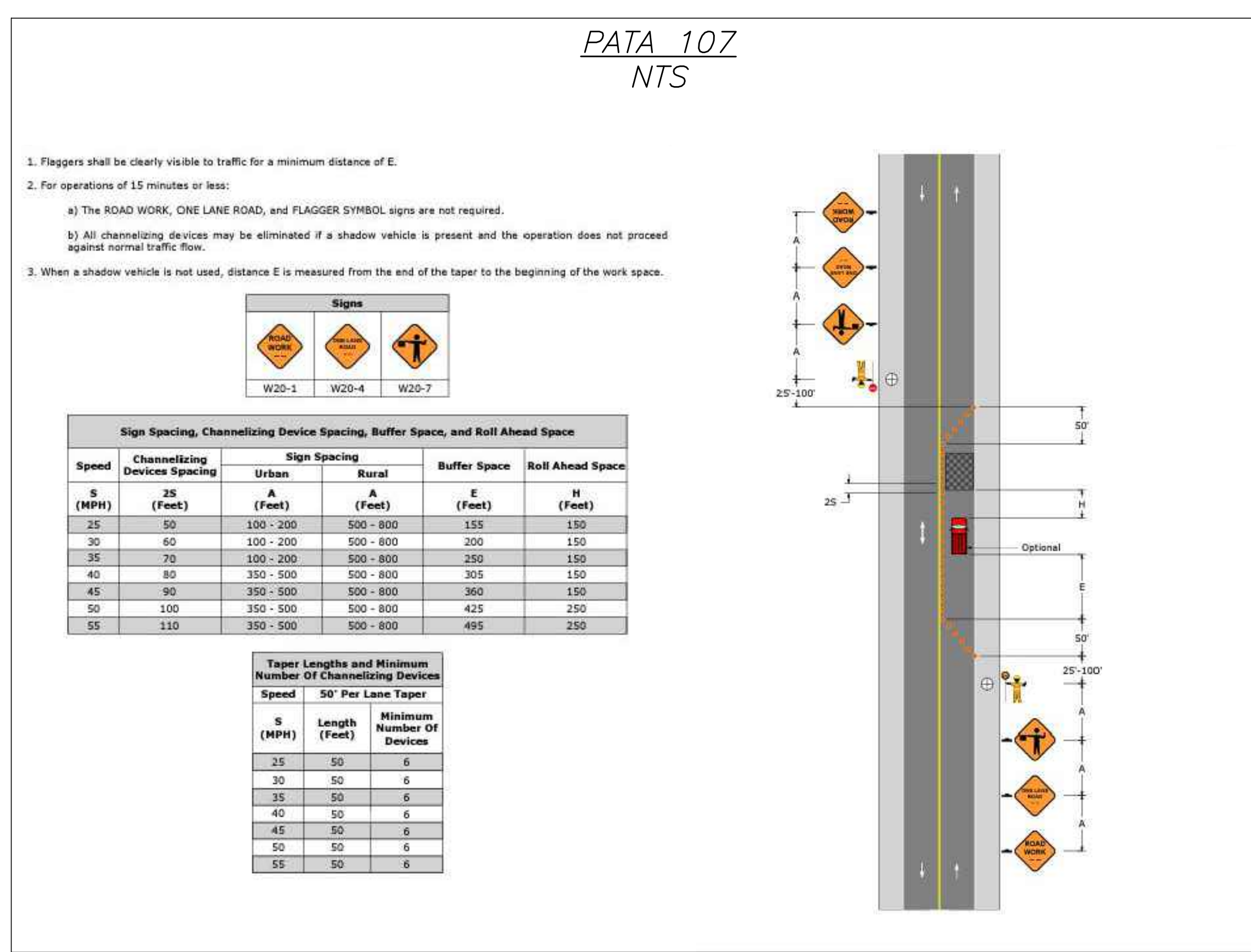
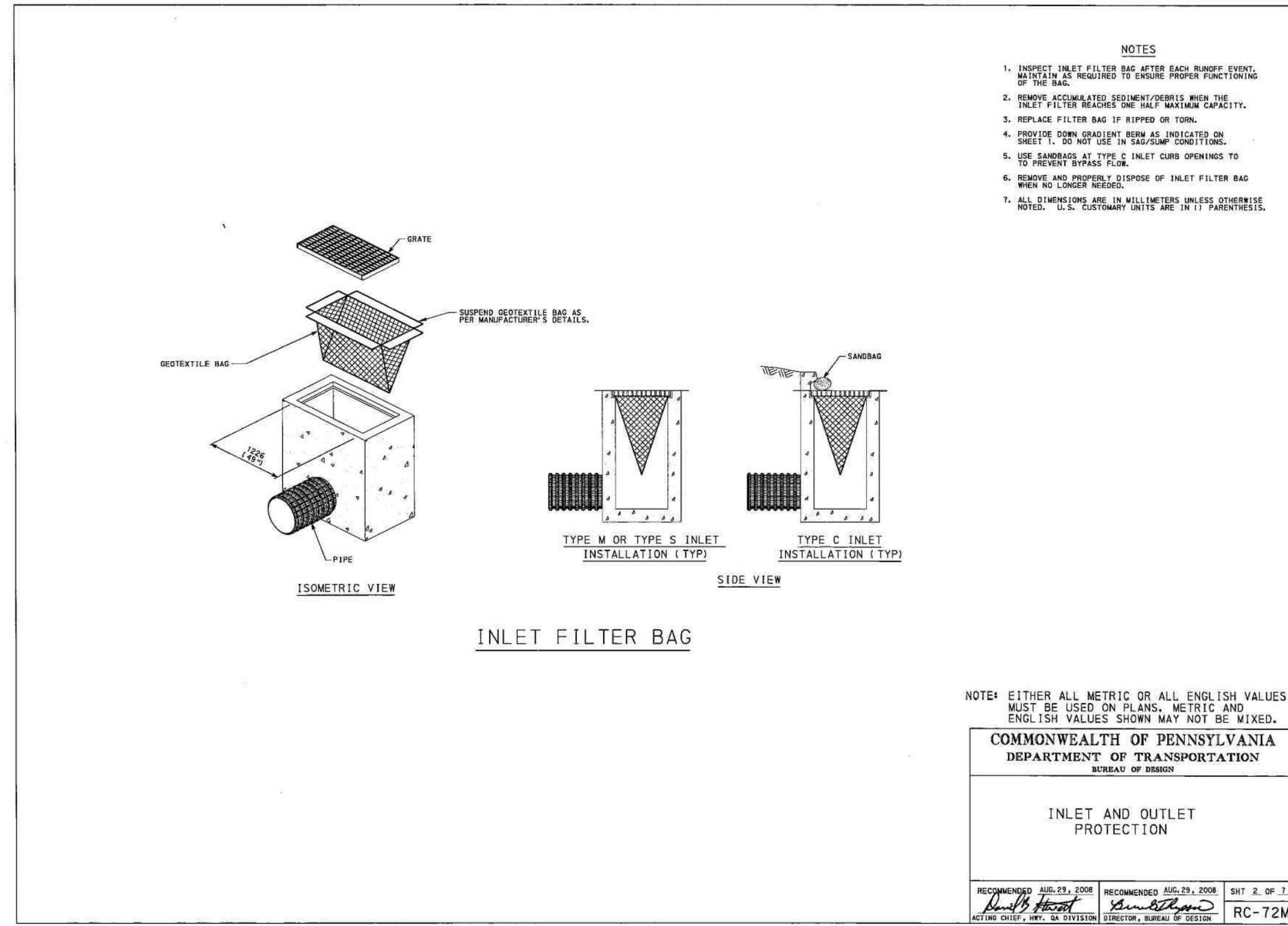
REV.	DESCRIPTION	DATE	BY

DESIGNED BY: R. PRESTON	DATE: 12/21/2023	PROJECT NO.:	
DWN BY: J. NEWMAN	CAD BY: R. PRESTON	PROJECT NO.:	PAWC62303
SUBMITTED BY: R. PRESTON	ECMS NO.:		
SCALE: N.T.S.	PLOT DATE: 12/21/2023		
FILE NAME: P:\PAWC\PAWC62303			



PENNSYLVANIA AMERICAN WATER COMPANY
 N. 11th AVENUE / AMTRAK BRIDGE NO. 37/54
 WATER MAIN INSTALLATION
DETAILS & NOTES
 CALN TOWNSHIP, CHESTER COUNTY, PA

Sheet
 Number
3 of 4



REV.	DESCRIPTION	DATE	BY

DESIGNED BY: R. PRESTON	DATE: 12/21/2023	PROJECT NO.:
DWN BY: J. NEWMAN	CND BY: R. PRESTON	PROJECT NO.:
SUBMITTED BY: R. PRESTON	ECMS NO.:	012685
SCALE: N.T.S.	PLOT DATE: 12/21/2023	
FILE NAME: P:\PANC\PAWC62303		



PENNSYLVANIA AMERICAN WATER COMPANY
N. 11th AVENUE / AMTRAK BRIDGE NO. 3754
WATER MAIN INSTALLATION
DETAILS
CALN TOWNSHIP, CHESTER COUNTY, PA