

**BEFORE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

In Re: Application of Aqua Pennsylvania, Inc. for Approval of the alteration of the crossing (U.S DOT – 592 997 X) where a bridge containing tracks operated by SEPTA at milepost 09.22 crosses above Park Ave in Cheltenham Township in Montgomery County, Pennsylvania.

Application Docket No.:

To the Pennsylvania Public Utility Commission:

1. The name and address of applicant is Aqua Pennsylvania, Inc., 762 West Lancaster Avenue, Bryn Mawr, Pennsylvania 19010.
2. The name and address of the applicant's attorney is Frances P. Orth, Esquire, 762 West Lancaster Avenue, Bryn Mawr, Pennsylvania 19010.
3. Aqua Pennsylvania, Inc. is the local public water supplier.
4. By this application, approval is sought to install an 8-inch DIP pipe in a 16-inch steel casing installed in the road at the crossing of Park Ave located at milepost 09.22. The crossing number is 592 997 X operated by Septa in Cheltenham Township in Montgomery County, Pennsylvania.
5. To the best of the applicant's knowledge, the name and addresses of the persons, parties and entities potentially concerned in or affected by the proposed construction are:

Charles Dettling
PECO
2301 Market Street
P.O. Box 8699
Philadelphia, PA 19107
Charles.dettling@exeloncorp.com

John Cedrick Salvatierra
Comcast
1004 Cornerstone Boulevard
Downingtown, PA 19335
Johncedrick_salvatierra@comcast.com

Scott Steffy
Aqua Pennsylvania
762 Lancaster Ave
Bryn Mawr, PA 19010
srsteffy@aquaamerica.com

Tom Cinaglia
Cheltenham Township
8230 Old York Road
Elkins Park, PA 19027
tcinaglia@cheltenham-township.org

Lumen Operator Personnel
Lumen Formerly Level 3
931 14th St
Denver, CO 80202
relocations@lumen.com

Alyson Elliot
Township Manager of Cheltenham
8230 Old York Road
Elkins Park, PA 19027

Ryan Lumbatis
Texas Eastern/Enbridge
2601 Market place Suite 400
Harrisburg, PA 17110
Ryan.Lumbatis@enbridge.com

Richard Ricketts
Transcontinental Gas/William Gas
99 Farber Rd
Princeton, NJ 08540
richard.ricketts@williams.com

Victor Wood
Verizon Business Formerly MCI
7000 Weston Pkwy
Cary, NC 2513
victor.s.wood@verizon.com

Septa
Facilities Engineering Department
1234 Market Street
Philadelphia, PA 19107
Attn: Dave Montvydas
DMontvydas@septa.org

Thomas DiBello
Montgomery County Board of Commissioners
P.O Box 311
Norristown, PA 19404-0311
thomas@montgomerycountypa.gov

Timothy Dragan
Project Manager
Septa
1234 Market Street
Philadelphia, PA 19107
tdragan@septa.org

Total Engineering & Consulting Services LLC
1547 Dekalb St
Norristown PA 19401
Attn: Elizabeth Sobel
esobel@totalengineeringllc.com

Larry Ditty
PAPUC Railroad Crossing Applications
PennDOT Right of Way and Utilities Division
PennDOT Bureau of Design
P.O. Box 3362
Harrisburg, PA 17105-3362
lditty@pa.gov

PennDOT District 6-0
7000 Geerdes Boulevard
King of Prussia, PA 19406-1525
Attn: Mary Ann Lang
malang@pa.gov

6. The cost of this portion of the project is estimated to be \$60,000.00. The project will be entirely funded and maintained by Aqua Pennsylvania, Inc.
7. The alteration is necessary or proper because it will improve water distribution operations and maintenance.

Wherefore, applicant requests the Commission approve this highway railroad crossing application.

RESPECTFULLY SUBMITTED:

Aqua Pennsylvania, Inc.

Date: 12/23/2025

By: 

Scott R. Steffy, P.E.

VERIFICATION

I, Elizabeth Sobel, Vice President at Total Engineering and Consulting Services, LLC., 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).

Date 12/23/2025

A handwritten signature in black ink, appearing to read "Elizabeth Sobel", written over a horizontal line.

Elizabeth Sobel

CERTIFICATE OF SERVICE

I, Elizabeth Sobel, hereby certify that I have this day served a true copy upon the participants, listed below, in accordance with the requirements of 52 PA Code Section 1.54 regarding the Application of Aqua Pennsylvania, Inc. for an upgrading to an existing water main installation at the crossing where Park Ave crosses below grade SEPTA located at milepost 09.22 at crossing 592 997 X in Cheltenham Township in Montgomery County, Pennsylvania.

By U.S. 1st Class Mail

PECO
2301 Market Street
P.O. Box 8699
Philadelphia, PA 19107
Attn: Engineering Department

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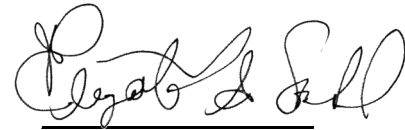
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1234 Market Street
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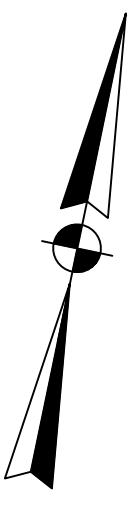
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7000 Geerdes Boulevard
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Attn: Mary Ann Lang
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Dated: 12/23/2025

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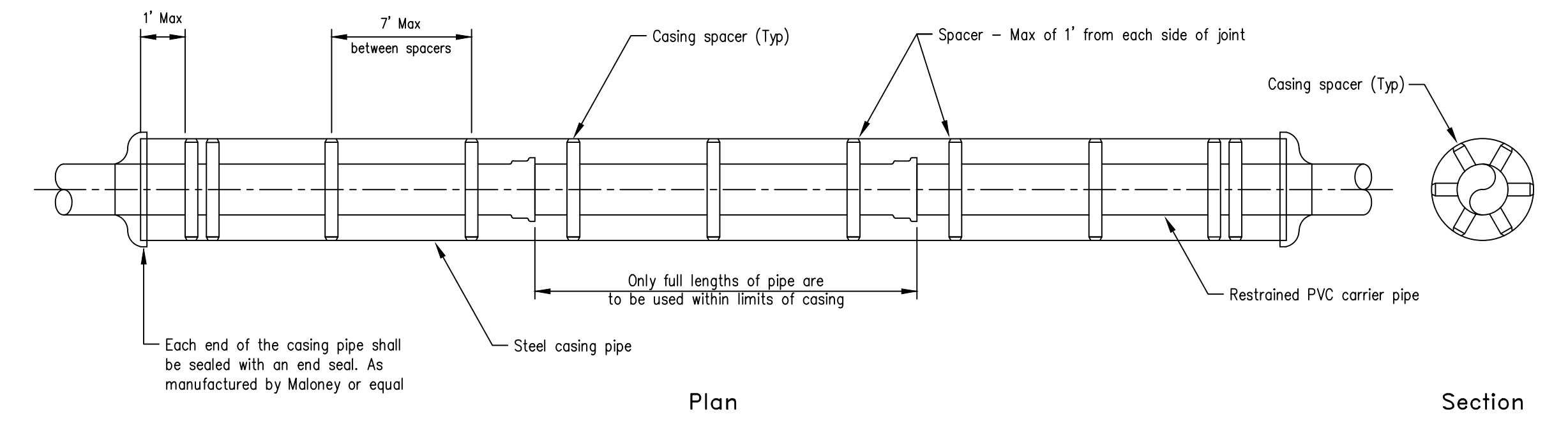
Elizabeth Sobel



SEPTA ELEVATED RAIL
DOT AAR # 592 997 X
RR MILEPOST #9.22

CUT, PLUG (M), & FILL EXISTING 6" CI MAIN
(6" CI 4994-E C-5499) WITHIN THE LIMITS
SHOWN. FILL SHALL MEET THE REQUIREMENTS
OF SEPTA AND SHALL BE A MINIMUM OF 2,000
PSI GROUT OR FLOWABLE FILL.

TYPICAL PVC WATER MAIN WITH STEEL CASING AND SPACERS



STEEL CASING PIPE NOTES:

- ALL CASING PIPE UP TO 24" DIAMETER SHALL BE ASTM A53 GRADE B, 0.500" WALL THICKNESS, STANDARD WEIGHT, MANUFACTURED IN ACCORDANCE WITH AWWA C200.
- CASING PIPE SHALL BE REQUIRED FOR WATER MAINS CROSSING OVER AND UNDER HIGHWAYS, RAILROADS, OR ANY OTHER LOCATION WHERE A LEAKING PIPE CAN CREATE A HAZARDOUS CONDITION. IN GENERAL, CASING PIPE IS NOT REQUIRED FOR MAINS CROSSING BODIES OF WATER.
- ALL EXPOSED CASING PIPE SHALL BE SHOP BLASTED AND COATED EXTERNALLY IN ACCORDANCE WITH THE STATE DOT PAINT SPECIFICATION FOR STRUCTURAL STEEL.
- ALL STEEL PIPE BELOW GRADE SHALL BE WRAPPED WITH PROTECTO-WRAP 310, COLD APPLIED PIPE TAPE OR CARBOLINE COATING. IN CASES WHERE STEEL PIPE RUNS ABOVE GRADE, COATING SHALL EXTEND TO A MINIMUM OF 18" BEYOND FINISHED GRADE. IF APPLICABLE, REFER TO THE CATHODIC PROTECTION PLAN FOR ADDITIONAL CORROSION PROTECTION MEASURES.
- IN CASES WHERE STEEL PIPE IS TO BE WELDED IN THE FIELD, PIPE SHALL BE ORDERED WITHOUT COATING 6" FROM EACH END TO ALLOW FOR BEVELING AND WELDING IN THE FIELD.
- ALL WELDERS SHALL BE CERTIFIED IN ACCORDANCE WITH THE API 1104 CODE OR AN APPROVED EQUAL. CONTRACTOR SHALL PROVIDE OWNER WITH EVIDENCE OF CURRENT WELDER QUALIFICATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL PRODUCTION WELDS SHALL BE PERFORMED, TESTED AND INSPECTED IN CONFORMANCE WITH THE CURRENT EDITION OF AWWA C206.
- ANY WELDER WHO MAKES A PRODUCTION WELD THAT FAILS TO COMPLY WITH THE REQUIREMENTS OF AWWA C206 MAY BE IMMEDIATELY DISQUALIFIED FROM CURRENT AND/OR FUTURE WORK AT THE DISCRETION OF THE OWNER.
- STEEL CASING SHALL BE SO CONSTRUCTED AS TO PREVENT LEAKAGE OF ANY SUBSTANCE FROM THE CASING THROUGHOUT ITS LENGTH EXCEPT AT ENDS. CASING SHALL BE SO INSTALLED AS TO PREVENT THE FORMATION OF A WATERWAY UNDER THE RAILROAD, WITH AN EVEN BEARING THROUGHOUT ITS LENGTH, AND SHALL SLOPE TO ONE END.

SEPTA CONSTRUCTION REQUIREMENTS

- OSHA RULE AND REGULATIONS MUST BE ADHERED TO FOR SAFETY IN EXCAVATIONS, THE DESIGN AND THE SHORING OF THE BORING PITS. ADDITIONALLY, PITS SHALL BE FENCED WITH ADEQUATE LIGHTING FOR PUBLIC SAFETY.
- THE TRACK AND RIGHT-OF-WAY MUST BE PROTECTED FROM ANY EROSION CAUSED BY THE PROJECT FIELD WORK.
- SUPPORT OF EXCAVATION (SOE) DESIGN IS THE RESPONSIBILITY OF THE CONTRACTOR. SOE DESIGN TO BE SUBMITTED TO SEPTA FOR REVIEW PRIOR TO CONSTRUCTION.
- PROVIDE EVIDENCE THAT SEPTA'S INSURANCE REQUIREMENTS, AS DETERMINED BY SEPTA'S RISK MANAGEMENT OFFICE, HAVE BEEN MET.
- ALL PERSONNEL INVOLVED IN THE FIELD WORK PORTION OF THE PROJECT, AND WHO'S DUTIES MIGHT INVOLVE ENTERING THE SEPTA RIGHT-OF-WAY, WILL BE REQUIRED TO ATTEND A FOUR HOUR SEMINAR IN ORDER TO OBTAIN SAFETY CERTIFICATION, AS MANDATED BY SEPTA AND THE FEDERAL RAILROAD ADMINISTRATION. THE ROADWAY WORKER SAFETY SEMINAR IS HELD BI-WEEKLY AT SEPTA'S MAIN OFFICE, 1234 MARKET STREET IN PHILADELPHIA. CONTACT SEPTA A MINIMUM OF 3 WEEKS IN ADVANCE OF WORK COMMENCING TO SCHEDULE ATTENDANCE FOR PROJECT PERSONNEL.
- PROVIDE NOTIFICATION PRIOR TO THE START OF CONSTRUCTION, INCLUDING UPDATED PROJECT SCHEDULES.
- STAINLESS STEEL CASING SPACERS SPECIFIED SHALL HAVE TWO PIECE STAINLESS BAND WITH POLYETHYLENE RUNNER HEIGHT OF ONE AND A HALF INCHES. RECOMMENDED PLACEMENT OF SPACERS ARE 3 PER 18-20 FT. LENGTH OF PIPE. SPACERS SHALL BE ADVANCED PRODUCT SYSTEMS, (337) 322-6116 OR APPROVED EQUAL.
- A RIGHT OF ENTRY PERMIT MUST BE SECURED PRIOR TO START OF CONSTRUCTION.
- A SIGN IDENTIFYING THE BURIED UTILITY AND EMERGENCY SHUTOFF VALVES WILL BE INSTALLED AT THE PIPE LOCATION. THE SIGN SHALL INCLUDE THE FACILITY OWNER NAME (AQUA) AND CONTACT NUMBER.

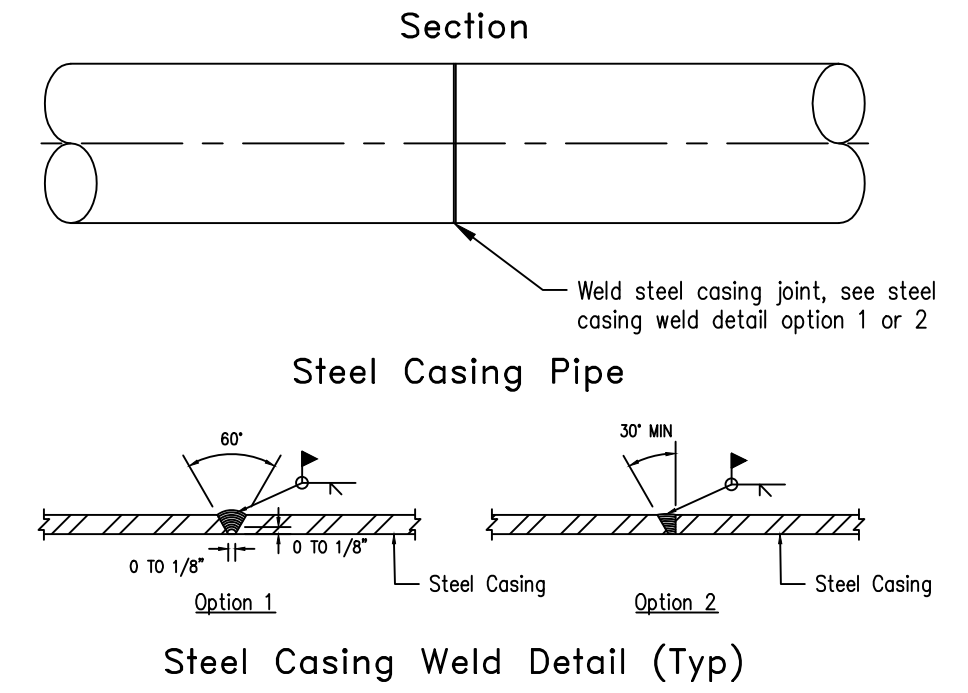
TOOL BOX MEETINGS:

THE CONTRACTOR'S SUPERINTENDENT OR SAFETY OFFICER SHALL HOLD DAILY "TOOL BOX" JOB BRIEFINGS WITH ALL CONTRACTOR PERSONNEL. SUBJECTS, TIME, AND LOCATION CAN BE SET AT THE CONTRACTOR'S CONVENIENCE. SEPTA REQUIRES 3 BUSINESS DAYS PRIOR NOTICE, OR A SCHEDULE OF SUCH TOOL BOX MEETINGS. THIS NOTICE SHALL INCLUDE LOCATION AND AGENDA.

PVC CARRIER PIPE NOTES:

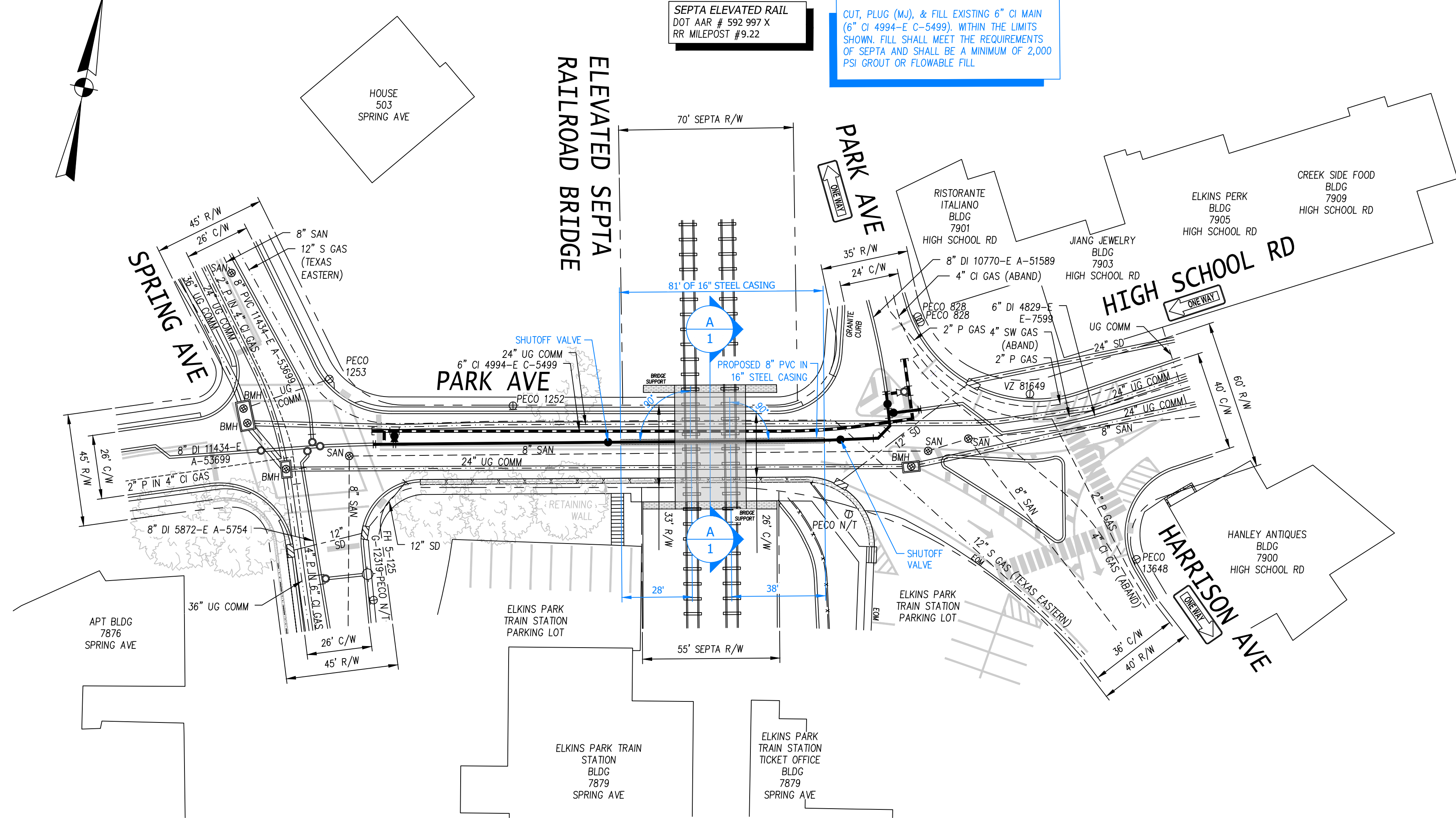
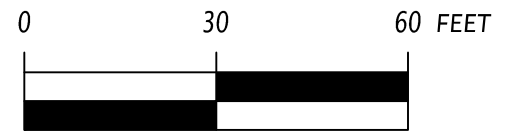
- ALL RESTRAINED PVC PIPE SHALL BE AWWA C900-16 UL 1285 (MIN.).

Nominal Pipe Diameter	Minimum Nominal Casing I.D.
8"	16"
10"	18"
12"	20"
16"	24"
20"	36"

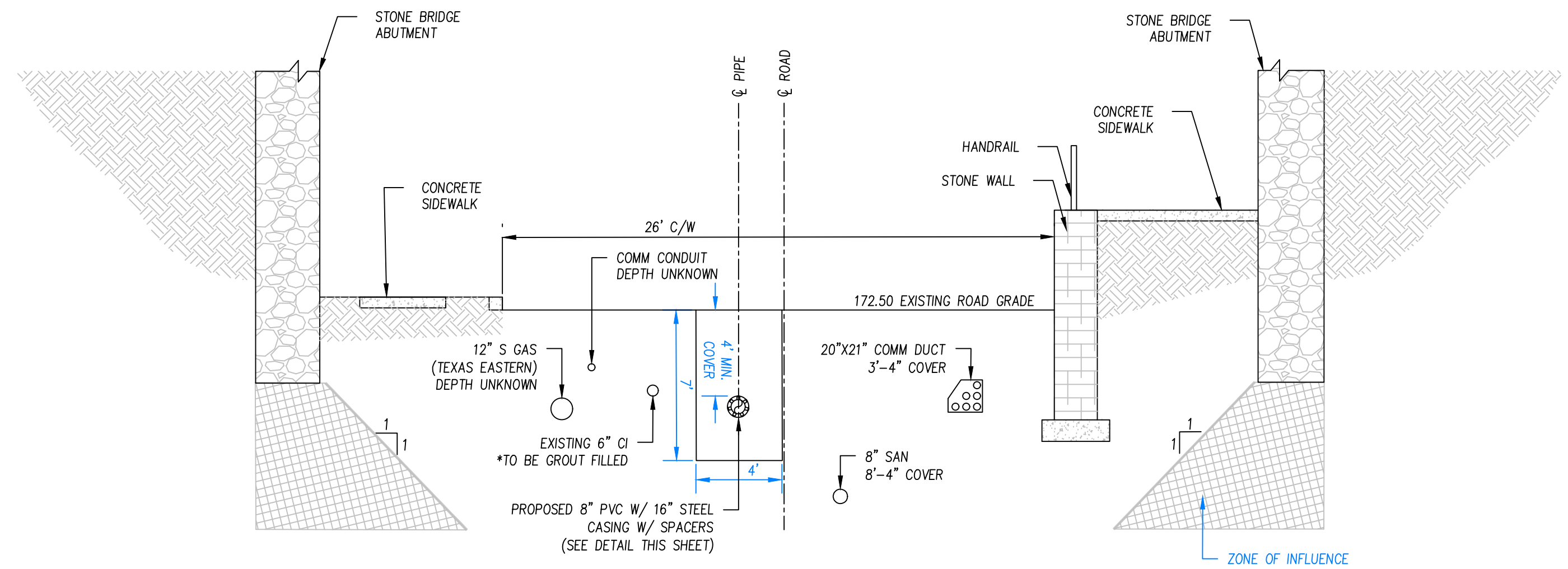


Steel Casing Weld Detail (Typ)

SCALE



PLAN FOR WATERMAIN REPLACEMENT
PARK AVE AT RAILROAD BRIDGE
SCALE - 1"=30'



SECTION A-A (LOOKING EAST)
PARK AVE AT RAILROAD BRIDGE
US DOT AAR # 592 997 X
MILEPOST 9.22
SCALE 1"=5'

PIPE CROSSING DATA	CARRIER PIPE	CASING PIPE
CONTENTS TO BE HANDLED	WATER	NONE
OPERATING PRESSURE (PSI)	100	N/A
NOMINAL PIPE SIZE (")	8"	16"
O.S. DIAMETER (")	9.05"	17.40"
I.S. DIAMETER (")	7.68"	16.60"
WALL THICKNESS (")	0.646" (MIN.)	0.500
WEIGHT PER FOOT (LBS)	11.60	186
MATERIAL	POLYVINYL CHLORIDE (PVC)	STEEL
PROCESS OF MANUFACTURE	EXTRUSION - MOLDED	WELDED ROUND PIPE
SPECIFICATION	AWWA C900	ASTM A53 & AWWA C200
GRADE OR CLASS	SDR 14	A53 GRADE B
WORKING PRESSURE (PSI)	305	N/A
TYPE OF JOINT	RESTRAINED	WELDED
TYPE OF COATING	N/A	BITUMASTIC
DETAILS OF CATHODIC PROTECTION	N/A	WRAP OR COATING
DETAILS OF SEAL OR PROTECTION AT ENDS OF COATING	N/A	FLEXIBLE OIL/WATER RESISTANT RUBBER END SEALS
METHOD OF INSTALLATION	PUSHING	TRENCHING
SPECIFIC MIN. YIELD STRENGTH	15,000 PSI	35,000 PSI



NO	DATE	REVISION	INTL
0		ISSUED FOR CONSTRUCTION	
0		DESIGN COMPLETION	

AQUA PENNSYLVANIA, INCORPORATED
762 LANCASTER AVENUE, BRYN MAWR, PA., 19010

PROJECT PLAN FOR:
ELKINS PARK SEPTA CROSSING PROJECT
PARK AVE & HIGH SCHOOL RD
CHELTENHAM TOWNSHIP, MONTGOMERY COUNTY

DRAWN BY: CAP	CHK'D BY: JMM/AJC	EXT No: 21030-E
DATE: 02/11/2025	SCALE: 1"=30'	PLATE: R18
PROJECT No: 400.19	CPA ID No: 11082849	A - 68962
APPROVED		SHEET 3 OF 10