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ATTORNEYS AT LAW

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December 17, 2024

**Via Electronic Filing**

Rosemary Chiavetta, Esquire  
PA Public Utility Commission  
Secretary  
P.O. Box 3265  
Harrisburg, PA 17105-3265

**Re: Docket No. A-2024-3051375  
Application of PECO - South Pennsylvania Avenue, Morrisville, Bucks Co.  
Revised Plan and Profile**

Dear Secretary Chiavetta:

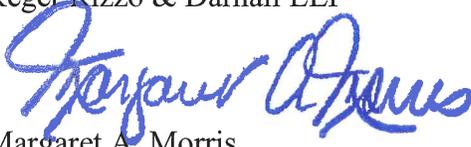
Attached for filing is the Revised Plan and Profile in connection with the above-referenced Docket No. A-2024-3051375, existing Application for approval to alter the above-grade crossing of Amtrak tracks located at South Pennsylvania Avenue (SR 2073) in Morrisville, Bucks County. The Revised Plan and Profile has been updated from the original Application submission in coordination with Amtrak.

A copy of the attached Revised Plan and Profile has been provided to the Service List in the manner indicated on the updated Certificate of Service.

If there are any questions, or concerns, please do not hesitate to contact me.

Very truly yours,

Reger Rizzo & Darnall LLP

  
Margaret A. Morris

MAM/co  
Enclosure

cc: Michael B. Scheib, Rail Safety Engineering, PA Public Utility Commission [w/encl.]  
Jack Garfinkle, Esquire, Exelon Business Services [w/encl.]  
Service List [w/encl.]

**Re: Docket No. A-2024-3051375**  
**Application of PECO - South Pennsylvania Avenue, Morrisville, Bucks Co.**  
**Revised Plan and Profile**

**CERTIFICATE OF SERVICE**

I hereby certify that a true and correct copy of the foregoing document has been served upon the following person(s), *via* **ELECTRONIC MAIL**, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

Mark Chappell, P.E., Division Chief  
PA Department of Transportation  
Right-of-Way, Utilities and Grade Crossing  
Division  
400 North Street, 7th Floor  
P.O. Box 3362  
Harrisburg, PA 17105-3362  
[marchappel@pa.gov](mailto:marchappel@pa.gov)

Jeffrey M. Spotts, Esquire  
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PA Department of Transportation  
Keystone Building  
400 North St., 9th Floor  
Harrisburg, PA 17120  
[jespotts@pa.gov](mailto:jespotts@pa.gov)

Din Abazi, P.E.  
District Executive  
PA Department of Transportation  
District 6-0  
7000 Geerdes Boulevard  
King of Prussia, PA 19406  
[dabazi@pa.gov](mailto:dabazi@pa.gov)

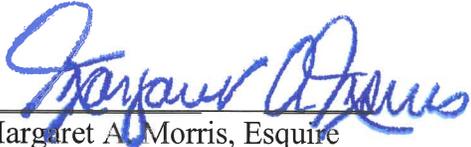
Amtrak Real Estate Development  
1801 Market Street, 8<sup>th</sup> Floor  
Philadelphia, PA 19103  
[pipewire@amtrak.com](mailto:pipewire@amtrak.com)

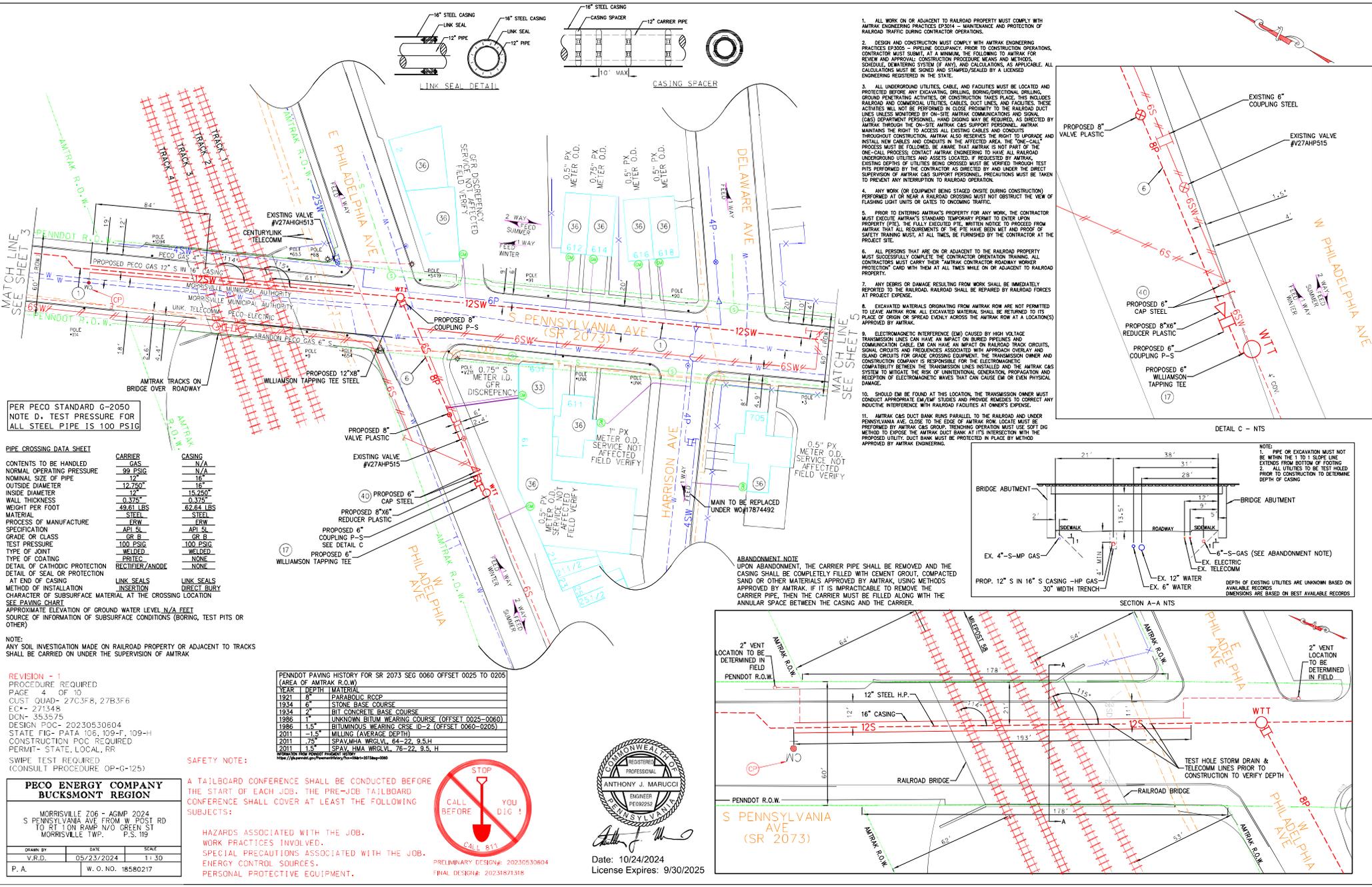
Michael A. Roedig, Director  
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1260 Almshouse Road  
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[maroedig@buckscounty.org](mailto:maroedig@buckscounty.org)

James Dillon, Interim Manager  
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Morrisville, PA 19067  
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Dave Commins, Director  
Public Works Department  
Morrisville Township  
35 Union Street  
Morrisville, PA 19067  
[morrisvilledpw@frontier.com](mailto:morrisvilledpw@frontier.com)

Date: December 17, 2024

  
Margaret A. Morris, Esquire



1. ALL WORK ON OR ADJACENT TO RAILROAD PROPERTY MUST COMPLY WITH AMTRAK ENGINEERING PRACTICES EP304 - MAINTENANCE AND PROTECTION OF RAILROAD TRAFFIC DURING CONTRACTOR OPERATIONS.
2. DESIGN AND CONSTRUCTION MUST COMPLY WITH AMTRAK ENGINEERING PRACTICES EP303 - PRELIMINARY OCCUPANCY PRIOR TO CONSTRUCTION OPERATIONS. CONTRACTOR MUST SUBMIT, AT A MINIMUM, THE FOLLOWING TO AMTRAK FOR REVIEW AND APPROVAL: CONSTRUCTION PROCEDURES, METHODS AND MEASUREMENTS, SCHEDULE, LIGHTING SYSTEM (IF ANY), AND CALCULATIONS, AS APPLICABLE. ALL CALCULATIONS MUST BE SIGNED AND STAMPED/SEALED BY A LICENSED ENGINEER REGISTERED IN THE STATE.
3. ALL UNDERGROUND UTILITIES, CABLE, 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 (CAS) DEPARTMENT PERSONNEL. HAND DIGGING MAY BE REQUIRED, AS DIRECTED BY AMTRAK THROUGH THE ON-SITE AMTRAK CAS 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. BEFORE ANY EXCAVATION, DRILLING, BORING, OR DIRECTIONAL DRILLING, 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 CAS SUPPORT PERSONNEL. PRECAUTIONS MUST BE TAKEN TO PREVENT ANY INTERRUPTION TO RAILROAD OPERATION.
4. ANY WORK (OR EQUIPMENT BEING STAGED 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 RAILROAD PROPERTY FOR ANY WORK, THE CONTRACTOR MUST EXECUTE AMTRAK'S STANDARD TEMPORARY PERMIT TO ENTER RAILROAD PROPERTY (PTE), THE FULLY DESCRIBED 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. EXCAVATED MATERIALS ORIGINATING FROM AMTRAK ROW ARE NOT PERMITTED TO LEAVE AMTRAK ROW. ALL EXCAVATED MATERIAL SHALL BE RETURNED TO ITS PLACE OF ORIGIN OR SPREAD EVENLY ACROSS THE AMTRAK ROW AT A LOCATION(S) APPROVED BY AMTRAK.
9. ELECTROMAGNETIC INTERFERENCE (EMI) CAUSED BY HIGH VOLTAGE TRANSMISSION LINES CAN HAVE AN IMPACT ON RAILROAD TRACK CIRCUITS, SIGNAL CIRCUITS AND PRELUDES ASSOCIATED WITH APPROACH OVERLAY AND SIGNAL CIRCUITS FOR GRADE CROSSING EQUIPMENT. THE TRANSMISSION OWNER AND SIGNAL COMPANY IS RESPONSIBLE FOR THE ELECTROMAGNETIC INTERFERENCE COMPATIBILITY BETWEEN THE TRANSMISSION LINES INSTALLED AND THE AMTRAK CAS SYSTEM TO MITIGATE THE RISK OF UNINTENTIONAL GENERATION, PROPAGATION AND REDUCTION OF ELECTROMAGNETIC WAVES THAT CAN CAUSE EMI OR EVEN PHYSICAL DAMAGE.
10. SHOULD EMI BE FOUND AT THIS LOCATION, THE TRANSMISSION OWNER MUST CONDUCT APPROPRIATE EM/FM STUDIES AND PROVIDE REMEDIES TO CORRECT ANY INDUCED INTERFERENCE WITH RAILROAD FACILITIES AT OWNER'S EXPENSE.
11. AMTRAK CAS DUCT BANK RUNS PARALLEL TO THE RAILROAD AND UNDER PENNSYLVANIA AVE. CLOSE TO THE EDGE OF AMTRAK ROW. LOCATE MUST BE PERFORMED BY AMTRAK CAS GROUP. TRENCHING OPERATION MUST USE SOFT DIG METHOD TO EXPOSE THE AMTRAK DUCT BANK AT ITS INTERSECTION WITH THE PROPOSED UTILITY. DUCT BANK MUST BE PROTECTED IN PLACE BY METHOD APPROVED BY AMTRAK ENGINEERING.

PER PECO STANDARD G-2050  
NOTE D. TEST PRESSURE FOR  
ALL STEEL PIPE IS 100 PSIG

PIPE CROSSING DATA SHEET

CONTENTS TO BE HANDLED	CARRIER	CASING
NORMAL OPERATING PRESSURE	99 PSIG	N/A
NOMINAL SIZE OF PIPE	12"	16"
OUTSIDE DIAMETER	12.750"	16.000"
INSIDE DIAMETER	12"	15.250"
WALL THICKNESS	0.375"	0.375"
WEIGHT PER FOOT	49.61 LBS	62.84 LBS
MATERIAL	STEEL	STEEL
PROCESS OF MANUFACTURE	ERW	ERW
SPECIFICATION	API 5L	API 5L
GRADE OR CLASS	GR B	GR B
TEST PRESSURE	100 PSIG	100 PSIG
TYPE OF JOINT	WELDED	WELDED
TYPE OF COATING	FRITIC	NONE
DETAIL OF CATHODIC PROTECTION	RECTIFIER/ANODE	NONE
DETAIL OF SEAL OR PROTECTION	AT END OF CASING	LINK SEALS
AT END OF CASING	LINK SEALS	DIRECT BURY
CHARACTER OF SUBSURFACE MATERIAL AT THE CROSSING LOCATION	SEE PAVING CHART	
APPROXIMATE ELEVATION OF GROUND WATER LEVEL N/A FEET		
SOURCE OF INFORMATION OF SUBSURFACE CONDITIONS (BORING, TEST PITS OR OTHER)		

NOTE:  
ANY SOIL INVESTIGATION MADE ON RAILROAD PROPERTY OR ADJACENT TO TRACKS SHALL BE CARRIED ON UNDER THE SUPERVISION OF AMTRAK.

REVISION - 1  
PROCEDURE REQUIRED  
PAGE 4 OF 10  
CUST QUAD - 27C3F8, 27B3F6  
E.C.# - 271349  
DCN- 353575  
DESIGN POC - 20230530604  
STATE FIG - PATA 106, 109-F, 109-H  
CONSTRUCTION POC REQUIRED  
PERMIT - STATE, LOCAL, RR  
SWIPE TEST REQUIRED  
(CONSULT PROCEDURE OP-G-125)

PENNODT PAVING HISTORY FOR SR 2073 SEG 0060 OFFSET 0025 TO 0205 (AREA OF AMTRAK R.O.W.)

YEAR	DEPTH	MATERIAL
1921	8"	PARABOLIC RCCP
1934	6"	STONE BASE COURSE
1934	2"	BIT CONCRETE BASE COURSE
1986	1"	UNKNOWN BITUM WEARING COURSE (OFFSET 0025-0060)
1986	1.5"	BITUMINOUS WEARING CRSE ID-2 (OFFSET 0060-0205)
2011	1.5"	MILLING (AVERAGE DEPTH)
2011	7.5"	SPAY/MA W/GRVL, 64-22, 9.5H
2011	1.5"	SPAY HMA W/GRVL, 76-22, 9.5, H

**PECO ENERGY COMPANY  
BUCKMONT REGION**

MORRISVILLE Z06 - AGMP 2024  
S PENNSYLVANIA AVE FROM W POST RD  
TO RT 109 RAMP N/O GREEN ST  
MORRISVILLE TWP.  
P.S. 119

DATE	SCALE
V.F.R.D. 05/23/2024	1" = 30'
P.A.	W. O. NO. 18580217

**SAFETY NOTE:**  
A TAILBOARD CONFERENCE SHALL BE CONDUCTED BEFORE THE START OF EACH JOB. THE PRE-JOB TAILBOARD CONFERENCE SHALL COVER AT LEAST THE FOLLOWING SUBJECTS:

- HAZARDS ASSOCIATED WITH THE JOB.
- WORK PRACTICES INVOLVED.
- SPECIAL PRECAUTIONS ASSOCIATED WITH THE JOB.
- ENERGY CONTROL SOURCES.
- PERSONAL PROTECTIVE EQUIPMENT.



DATE: 10/24/2024  
LICENSE EXPIRES: 9/30/2025

PRELIMINARY DESIGN#: 20230530604  
FINAL DESIGN#: 20231871318