



August 20, 2024

Geoffrey I. Ferguson, P.E.
Sr. Manager - Area Engineering
UGI Utilities, Inc.
1301 AIP Drive
Middletown, PA 17057

Subject: PUC Docket Number # A-2024-3050598; East Lampeter Township, Lancaster Co., PA; Milepost AH-65.01; 40.043830, -76.254110; PA-LA-10052

Dear Geoffrey I. Ferguson:

Reference is made to the UGI Utilities, Inc. application dated 8/8/2024 transmitting the plans for the subject project application. Amtrak has reviewed the plans and offers the following comments within the attached Comment Chart also available for download in the Documents tab of the [Amtrak Appian Portal](#).

Please provide a response to each comment within the chart, revise the plans/information, and resubmit via the Portal. All revisions on the plans shall be circled in red and noted in the revision block along the page margin. Please note the project is subject to additional review and comments from Amtrak's Engineering & Operations Departments.

If you have any questions or have any future needs with regards to this application, you can reach me by email at Moises.Young@amtrak.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Moises P. Young".

Moises P. Young
Real Estate Development Manager – Utility Occupancies

Enclosures: Plans, Pipe Data Sheet, Comments



Amtrak Application Number: PA-LA-10052

Amtrak Project Description: East Lampeter Township, Lancaster Co., PA - Replacement of an existing 8-inch steel natural gas carrier main with an 8-inch PE natural gas main inside of an existing 12-inch steel casing pipe under and across Amtrak in Greenfield Road (AAR/DOT# 518165H), AH-65.01, Mid-Atlantic Division, (40.043830, -76.254110)

Occupant Name:
 Occupant Project Number:
 Submittal Name:
 WBS & Maximo:

UGI Utilities Inc.
 N/A
 P&W Application
 TBD

			Revision 0			Revision 1			Revision 2		
Item Number	Discipline	Item Reviewed	Date: 8/19/2024 Amtrak Comment	Reviewer Initials	Designer Response	Designer Response Date	Date: Amtrak Comment	Reviewer Initials	Designer Response	Designer Response Date	
1	Real Estate	Plans	Provide a copy of the agreement for the existing utility occupancy.	BIA							
2	Real Estate	Plans	Confirm the PA PUC Docket Number assigned to the project	BIA							
3	Real Estate	Plans	Confirm if the work has been completed. Provide the completion date.	BIA							
4	Real Estate	Plans	Clearly label and dimension (width) the Amtrak property limits on the plan view.	BIA							
5	Real Estate	Plans	Provide casing pipe end seal details and show the location of the end seals.	BIA							
6	Real Estate	Plans	Provide utility marker signs over the pipeline adjacent to the roadway, if possible.	BIA							
7	Real Estate	Plans	Revise the casing pipe vent label leader arrow to a point on the plan view. The arrow is directed toward empty space.	BIA							
8	Real Estate	Plans	Highlight the proposed natural gas pipeline on plan view.	BIA							
9	Real Estate	Plans	Provide a completed proposed pipe data sheet.	BIA							
10	Real Estate	Plans	<p>The following notes must be added to the plan set:</p> <ol style="list-style-type: none"> All work on or adjacent railroad property must comply with Amtrak Engineering Practices EP3014 – Maintenance and Protection of Railroad Traffic During Contractor Operations. 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. All calculations must be signed and stamped/sealed by a licensed engineering registered in the State. 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 (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. 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. 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. 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. Any debris or damage resulting from work shall be immediately reported to the railroad. Railroad shall be repaired by railroad forces at project expense. 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. 	BIA							

PIPE CROSSING DATA SHEET

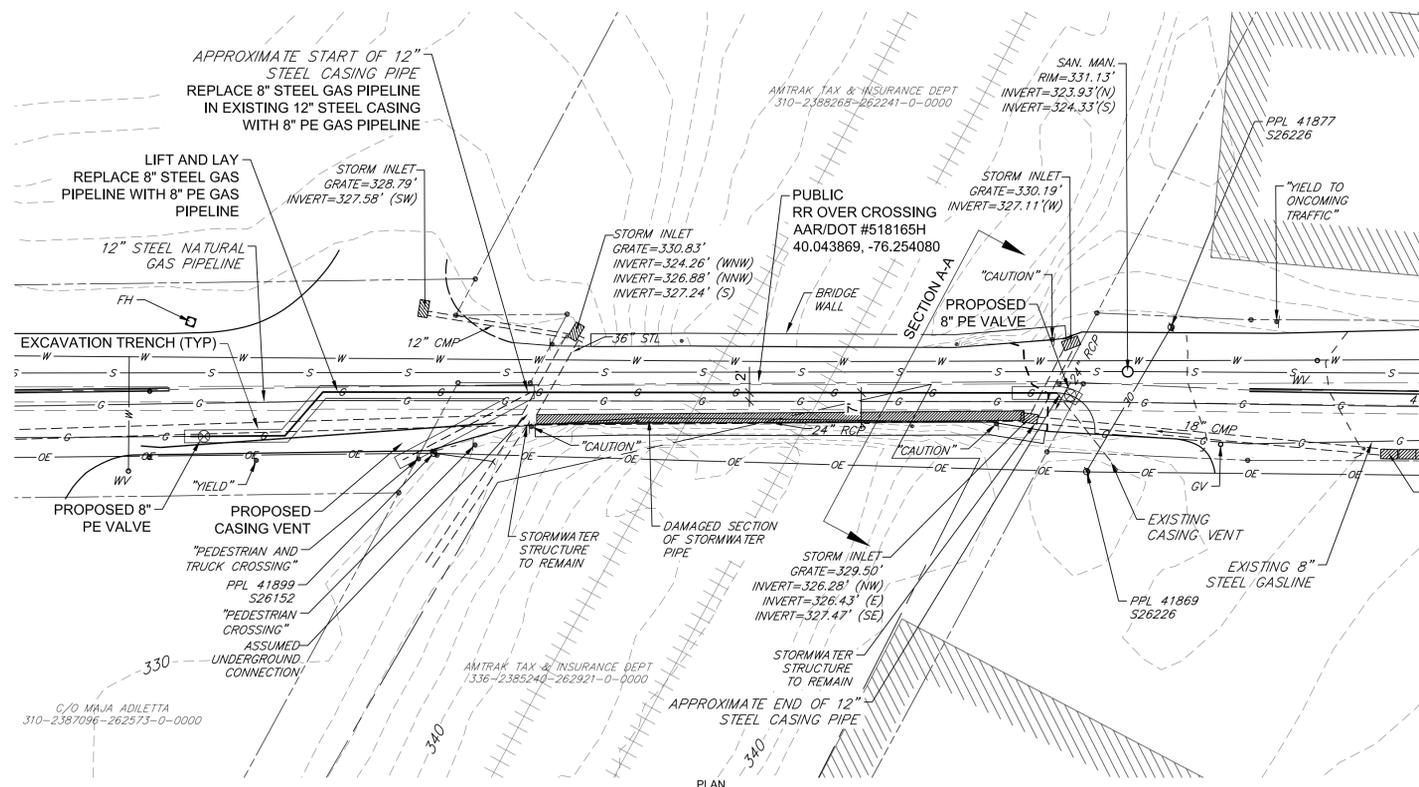
IN ADDITION TO PLAN AND PROFILE OF CROSSING, DRAWINGS SUBMITTED FOR AMTRAK APPROVAL SHALL CONTAIN THE FOLLOWING INFORMATION:

	<u>CARRIER PIPE</u>	<u>CASING PIPE</u>
CONTENTS TO BE HANDLED	_____	_____
NORMAL OPERATING PRESSURE	_____	_____
NOMINAL SIZE OF PIPE	_____	_____
OUTSIDE DIAMETER	_____	_____
INSIDE DIAMETER	_____	_____
WALL THICKNESS	_____	_____
WEIGHT PER FOOT	_____	_____
MATERIAL	_____	_____
PROCESS OF MANUFACTURE	_____	_____
SPECIFICATION	_____	_____
GRADE OR CLASS	_____	_____
TEST PRESSURE	_____	_____
TYPE OF JOINT	_____	_____
TYPE OF COATING	_____	_____
DETAILS OF CATHODIC PROTECTION	_____	_____
DETAILS OF SEAL OR PROTECTION AT ENDS OF CASING	_____	_____
METHOD OF INSTALLATION	_____	_____
CHARACTER OF SUBSURFACE MATERIAL AT THE CROSSING LOCATION _____ (UNIFIED SOIL CLASS)		
APPROXIMATE ELEVATION OF GROUND WATER LEVEL _____ 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.

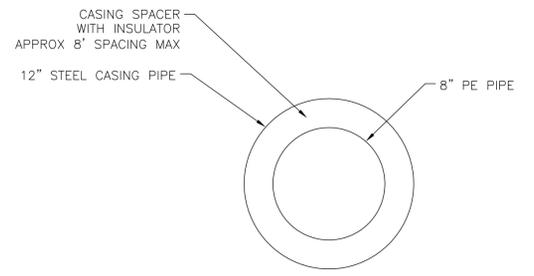
 <p><small>This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.</small></p>	<p>Office of Chief Engineer STRUCTURES National Railroad Passenger Corporation 30th Street Station, Philadelphia, Pennsylvania 19104</p>	<p>SKETCH 6</p> <p>EP3005 SPECIFICATION</p>		File No:	
		Design No:			
		Sheet No.	6 of 6		
		<p>Designed AEC Drawn JLM Date 3/01/02</p>	<p>SK-6</p>		



LEGEND AND SYMBOLS

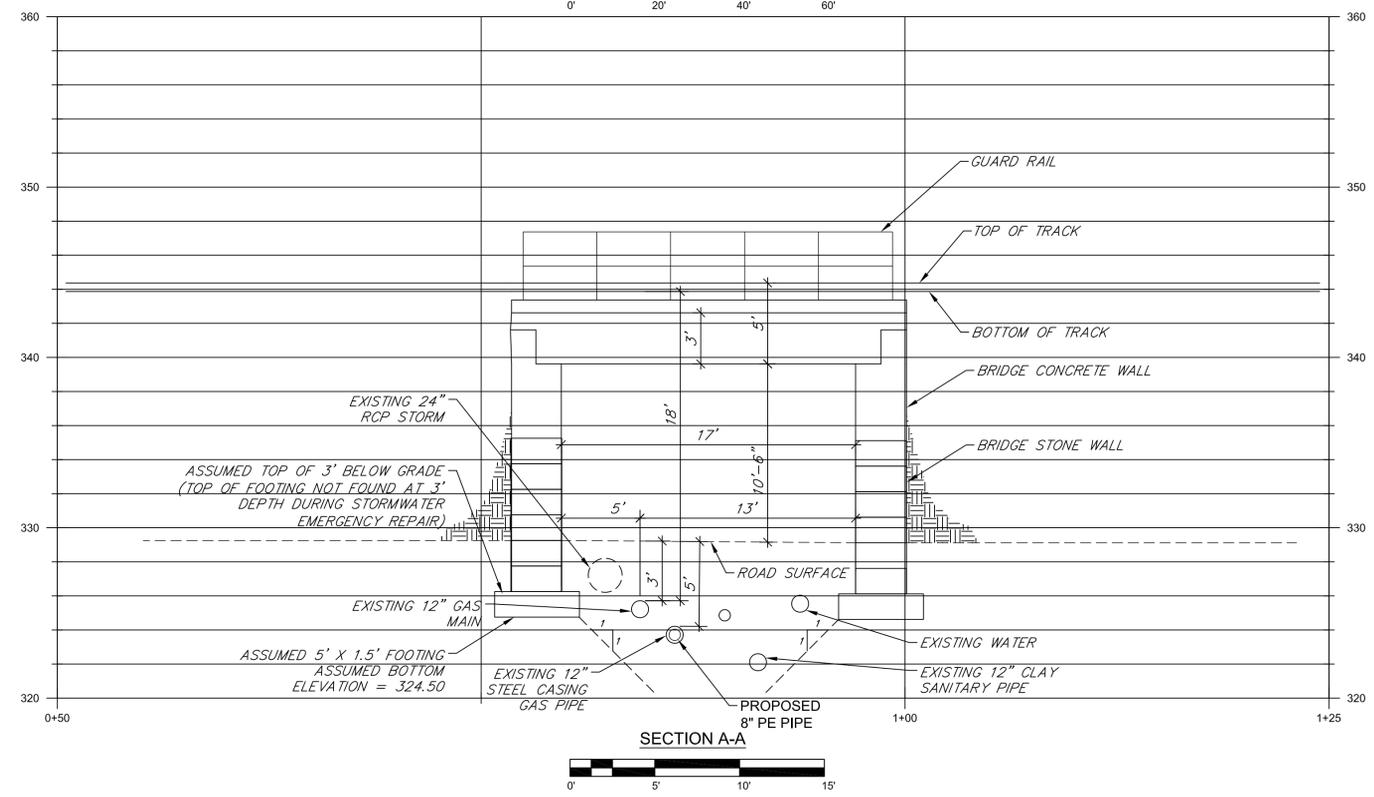
EXISTING	ITEM
---	PROPERTY LINE
---	ROADWAY
---	APPROXIMATE RIGHT OF WAY
---	EDGE OF ROAD
---	MAJOR CONTOUR
---	MINOR CONTOUR
---	STORM PIPE
---	STREAM
---	WETLAND
---	SOILS LINE/LABEL
---	WATER WELL
---	FLOODWAY
---	FLOOD PLAIN
---	STORM INLET
---	GAS LINE WITH VALVE
---	ELECTRICAL OVERHEAD
---	ELECTRIC UNDERGROUND
---	WATER LINE WITH VALVE
---	SANITARY LINE
---	UTILITY MANHOLE
---	EXCAVATION AREA

- GENERAL NOTES:**
1. THE PERMITTEE MUST CONTACT THE PENNSYLVANIA ONE-CALL NUMBER AT 1-800-342-1776 THREE WORKING DAYS PRIOR TO THE START OF WORK TO HAVE ALL UTILITIES MARKED IN THE AREA.
 2. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECIFICATIONS LATEST EDITION.
 3. PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAMMABLE SUBSTANCE.
 4. BLASTING NOT PERMITTED.
 5. CATHODIC PROTECTION SHALL BE PROVIDED PER INDUSTRY STANDARDS.

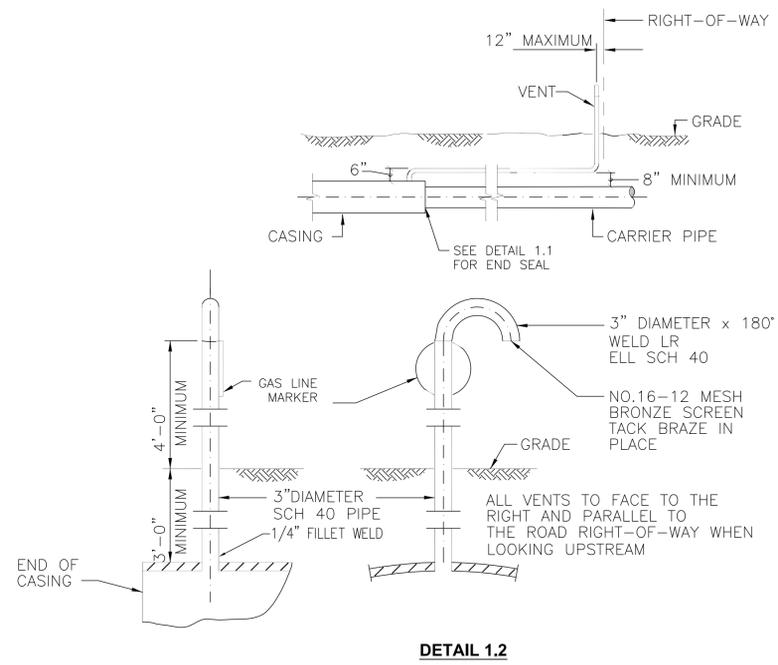


- NOTES:**
1. BOTH END OF THE CASING SHALL BE CAPPED WITH CCI PIPING SYSTEMS MODEL ES7 (WRAP-AROUND NEOPREND RUBBER END SEAL) (OR APPROVED EQUAL).
 2. THE CASING PIPE SHALL BE VENTED AT THE HIGH SIDE END. THAT CASING VENT DISCHARGE LINE SHALL BE ROUTED.
 3. BOTH ENDS OF THE CASING SHALL USE A CCI PIPING SYSTEMS POLYETHYLENE CASING SPACERS (OR APPROVED EQUAL) TO CENTER THE CARRIER PIPE INSIDE THE CASING PIPE.

DETAIL 1.1



SECTION A-A



DETAIL 1.2

UGI
Utilities, Inc.
262 Conestoga Street
Lancaster, PA 17603

811
Know what's below.
Call before you dig.
FINAL DESIGN TICKETS
20241561773
20241561774

BASE PREPARED BY:

BORTON & LAWSON
a verdentec company

UGI CONTACT INFORMATION:

PROJECT OWNER:
CHRIS JAPCHEN
484-256-9877

PROJECT MANAGER:
N/A

06/19/2024

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL ENGINEER
MATTHEW THOMAS NEIMAN
NO. PE079987

**GREENFIELD RD BRIDGE
GAS MAIN
EAST LAMPETER TOWNSHIP
LANCASTER COUNTY, PA**

SIZE	MATERIAL	METHOD	WORK REQUEST NO.	SAP ERP NO.
8"	PE	INSERT	726477	1003067653
8"	PE	DB	727895	1003090911

RR-1

RAILROAD 1

Sheet 5 of 7

Z:\Project Files\UA-VZ\UCIU\23975 - Greenfield Road Rail Exhibit\CAD Sheets and Plans\PLAN.dwg Jun 19, 2024 - 11:53am