

VICINITY MAP

N/F  
PITTSBURGH &  
WEST VIRGINIA  
RAILROAD  
COMPANY  
PARCEL ID:  
0255F00399000900  
MAP: MP K61 V1  
10  
(5.6900 ACRES)

N/F  
PITTSBURGH &  
WEST VIRGINIA  
RAILROAD  
COMPANY  
PARCEL ID:  
0255F00399000900  
MAP: MP K61 V1  
10  
(5.6900 ACRES)

N/F  
CHARLES A &  
PHYLLIS G  
FLECK  
PARCEL ID:  
0256M00133000000  
DBV 3233, PG 380  
(0.7560 ACRES)

**CERTIFIED CORRECT PLANS**  
*Chadwick B. Ball*  
Professional Engineer  
Approved by Bureau of Technical Utility Services  
**PA PUBLIC UTILITY COMMISSION**  
**ATTEST** *Matthew L. Hunsaker*  
Secretary

- NOTES:
- THE UTILITIES SHOWN ON THESE PLANS WERE DERIVED FROM FIELD OBSERVATION. THE ACTUAL LOCATION AND DEPTH OF THE UTILITY LINES AND OTHER FEATURES MAY VARY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY, VERIFY, AND SAFELY LOCATE ALL UTILITIES AND FEATURES FOR THIS PROJECT AT THE TIME OF CONSTRUCTION.
  - DIGITAL MAP IS IN PA SOUTH ZONE, STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN HORIZONTAL DATUM 1983. VERTICAL DATUM 1988.

- CONTRACTOR NOTES:
- ALL PIPELINES (EXCEPT THOSE IN STREETS WHERE IT WOULD BE PRACTICAL TO DO SO) SHALL BE PROMINENTLY MARKED AT THE RIGHT-OF-WAY LINES (ON BOTH SIDES OF THE TRACK CROSSINGS) BY DURABLE, WEATHERPROOF SIGNS LOCATED OVER THE CENTERLINE OF THE PIPE.
- SIGNS SHALL SHOW THE FOLLOWING:
- NAME AND ADDRESS OF OWNER.
  - CONTENTS OF PIPE.
  - PRESSURE IN PIPE.
  - PIPE DEPTH BELOW GRADE AT POINT OF SIGN.
  - EMERGENCY TELEPHONE NUMBER IN EVENT OF PIPE RUPTURE.
- BLASTING NOT PERMITTED.
- CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS FOR PIPELINE OCCUPANCY OF WHEELING & LAKE ERIE RAILWAY COMPANY SPECIFICATIONS.

**KEYSTONE**  
CONSULTANTS, LLC

FOSTER PLAZA BUILDING 10  
680 ANDERSEN DRIVE, SUITE 400  
PITTSBURGH, PA 15220  
Ph: (412) 278-2100  
FAX: (412) 278-2126  
www.keystoneconsultants.net

DISCLAIMER:  
ALL MATERIAL SPECIFICATIONS, CONSTRUCTION METHODS, CALCULATIONS, AND COMPUTATIONS HAVE BEEN PROVIDED BY COLUMBIA GAS OF PA AND/OR WHEELING & LAKE ERIE RAILWAY COMPANY. KEYSTONE CONSULTANTS, LLC IS NOT CERTIFYING PIPELINE DESIGN OR CONSTRUCTION THAT WILL TAKE PLACE FOLLOWING WHEELING & LAKE ERIE RAILWAY COMPANY APPROVAL OF THIS EXHIBIT DRAWING.

**A-2025-3056424**

	Carrier Pipe	Casing Pipe
Contents to be Handled	Natural Gas	Carrier Pipe
Outside Diameter	8.625"	12.75"
Pipe Material, Minimum Yield Strength	MDPE Plastic	Steel 35,000 psi
Specification and Grade	PE2708 / SDR 13.5	Grade B
Wall Thickness	0.639"	0.251"
Actual Working Pressure	50 psig	N/A
Type of Joint	Fusion Weld	Butt Weld
Coating	N/A	Bare
Method of Installation	Insert	Open Cut
Seals:	Type: Link Seal	
Vents:	How Many <u>2</u>	Size <u>4"</u> Height Above Ground: <u>4'</u>
Bury: (Base of Rail to Top of Pipe) Aerial Crossing - 19.0'±		
Bury: (Not Beneath Tracks) N/A		
Bury: (Roadway) 5.5'		
Type, Size and Spacing of Insulators or Supports:	Poly-E 8x12 @ 10 Feet Spacing	
Distance C.L. Track to Face of Jacking/Receiving Pits:	N/A	
Bury: (Base of Rail to Bottom Jacking/Receiving Pits) N/A		
Cathodic Protection:	Anode to be added to Casing Only	

**Columbia Gas of Pennsylvania**  
A NiSource Company

4000 ENERGY DRIVE  
BRIDGEVILLE, PA 15017

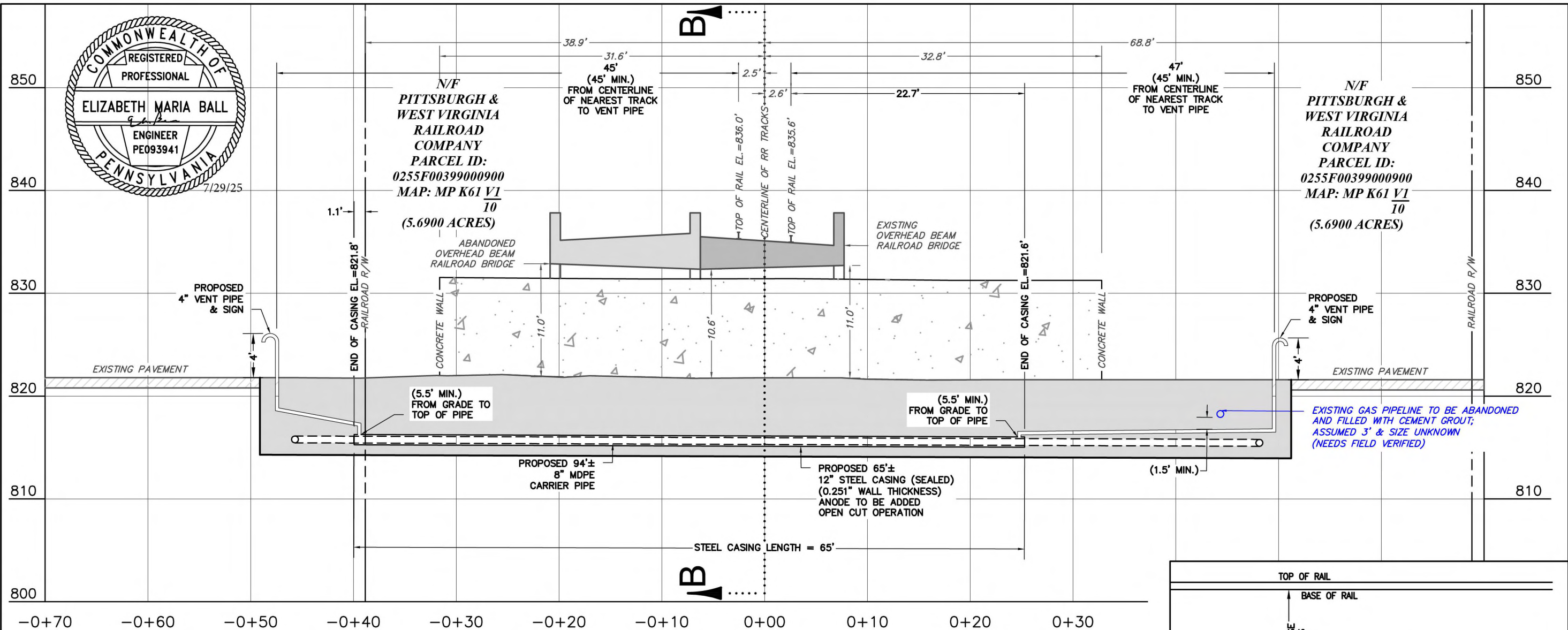
**COLUMBIA GAS OF PENNSYLVANIA, INC.**  
PATTERSON AVENUE  
REPLACEMENT PROJECT  
BRIDGEVILLE BORO, ALLEGHENY CO, PENNSYLVANIA

**RAILROAD PERMIT PLAN**

**SEE PROFILE SHEET 2 OF 2**

03524.23.25 (PATTERSON AVE)

DRAWN BY: GDC CHECKED BY: EMB APPROVED BY: EMB EXHIBIT: A  
DATE: JULY 29, 2025 DWG SCALE: 1"=20' SHEET NO: 1 OF 2



**PROFILE VIEW A-A LOOKING SW**  
SCALE: H: 1"=10' V: 1"=10'

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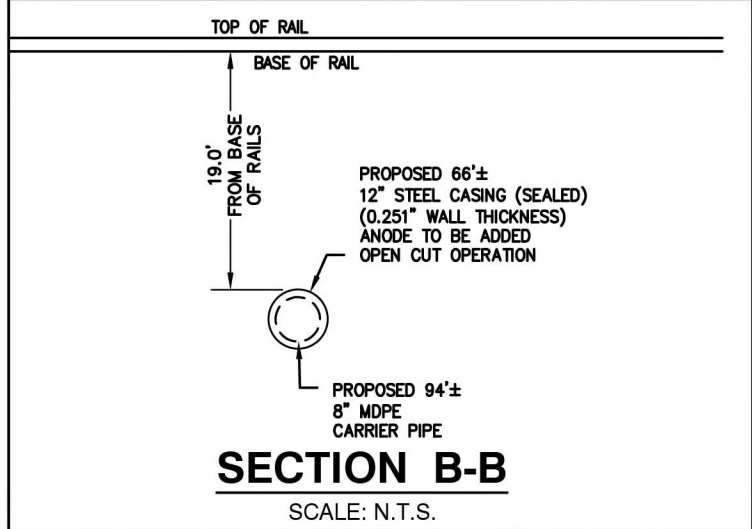
SCALE IN FEET

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**RAILROAD PERMIT PROFILE**

**SEE PLAN SHEET 1 OF 2**

03524.23.25 (PATTERSON AVE)

DRAWN BY: GDC	CHECKED BY: EMB	APPROVED BY: EMB	EXHIBIT: A
DATE: JULY 29, 2025	DWG SCALE: 1"=10'	SHEET NO: 2 OF 2	