



ENGINEERING DEPARTMENT
Pennsylvania Turnpike Commission
PO Box 67676, Harrisburg PA 17106-7676
717.939.9551

November 2, 2022

Ms. Rosemary Chiavetta
Secretary
Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17105-3265

DATE OF DEPOSIT

NOV 07 2022

**Re: Mon-Fayette Expressway Project
SR 51 to I-376, Section 53B1A
S.R. 2045 Bridge Replacement**

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

***Application of the Pennsylvania Turnpike Commission (PTC)
for approval to replace an above grade public crossing
by the installation of a single-span steel girder bridge
where S.R. 2045 (Pittsburgh-McKeesport Blvd.) crosses
Union Railroad Company's (URR's) Clairton Branch;
PTC will fund the bridge replacement, but PennDOT will own
and maintain the bridge located in the Borough of Dravosburg,
Allegheny County, Pennsylvania.***

Dear Ms. Chiavetta:

Enclosed is an original application to the Public Utility Commission, including Exhibits A through F, a verification form attesting to the veracity of the information contained in the application, and a certificate of service indicating that copies of the application were mailed to each of the organizations listed. It was requested that objections raised by any party of interest be forwarded to the PUC, in writing, within two weeks from the date that each party received its copy of the application.

The Pennsylvania Turnpike Commission is also prepared to attend a field conference and to provide additional information as requested. If you have any questions, please call Mr. Brian Mostek at 717-831-7101, or by email at bmostek@paturnpike.com.

Sincerely,

Kevin W. Scheurich

Kevin W. Scheurich, P.E.
Assistant Chief Engineer – Design





ENGINEERING DEPARTMENT

Pennsylvania Turnpike Commission
PO Box 67676, Harrisburg PA 17106-7676
717.939.9551

ATTACHMENTS:

Exhibit A ~ Location Map

Exhibit B ~ Existing S.R. 2045 Bridge General Plan, Elevation and Typical Section

Exhibit C ~ Proposed S.R. 2045 Bridge Type, Size, and Location Plan

Exhibit D ~ Proposed S.R 2045 Roadway Plan and Typical Section

Exhibit E ~ Railroad Crossing Data Forms D-4279 and D-4279A

Exhibit F ~ Right of Way Plot Plans R/W 14S285 and R/W 14S290

cc: K. Scheurich
J. McLaughlin - w/encl.
G. Rollman
L. Noll-May - w/encl.
J. Stump - w/encl.
J. Bintrim - HDR - w/encl.
Matt Parrish - Pennoni - w/encl.

**APPLICATION FOR APPROVAL OF THE CONSTRUCTION, ALTERATION,
RELOCATION, ABOLITION, OR SUSPENSION OF ANY CROSSING AT GRADE OR
ABOVE OR BELOW GRADE
(Public Utility Law, Section 2702 of Title 66)**

**BEFORE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Pennsylvania Turnpike Commission (PTC) for approval to replace an above grade public crossing by the installation of a single-span steel girder bridge where S.R. 2045 (Pittsburgh-McKeesport Blvd.) crosses Union Railroad Company's (URR's) Clairton Branch; PTC will fund the bridge replacement, but PennDOT will own and maintain the overhead bridge located in the Borough of Dravosburg, Allegheny County, Pennsylvania.

Application
Docket No. _____

DATE OF DEPOSIT

NOV 07 2022

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

To Pennsylvania Public Utility Commission:

1. The name and address of applicant are the Pennsylvania Turnpike Commission, P.O. Box 67676, Harrisburg, Pennsylvania, 17106-7676.
2. The name and address of applicant's attorney are Doreen McCall, Chief Counsel, Pennsylvania Turnpike Commission, P.O. Box 67676, Harrisburg, Pennsylvania 17106-7676.
3. The Pennsylvania Turnpike Commission, by authority of the Act of Assembly approved May 21, 1937, P.L. 774 and by the authority of Act of Assembly approved September 30, 1985, P.L. 240 has proceeded with the design of the Mon-Fayette Expressway, State Route (S.R.) 43, which extends from the existing terminus at S.R. 51 in Jefferson Hills, Allegheny County, to a point of connection with I-376 in Monroeville, Allegheny County.
4. It is desirable to replace the existing S.R. 2045 Pittsburgh-McKeesport Blvd Bridge, which spans over Union Railroad Company's (URR's) Clairton Branch as part of Pennsylvania Turnpike's Mon-Fayette Expressway project. The Mon-Fayette Expressway project involves extending S.R. 43 by construction of a new 4-lane limited access toll road from the existing terminus at S.R. 51 to Interstate I-376 in Monroeville. The S.R. 2045 Pittsburgh-McKeesport Blvd Bridge replacement being necessary for roadway realignment and to accommodate increased traffic associated with the project. The new bridge will be funded by The Pennsylvania Turnpike Commission, but it will be owned and maintained by the Pennsylvania Department of Transportation (PennDOT). See Exhibit A – Location Map.

The Pennsylvania Turnpike Commission hereby requests that approval be granted for the construction of the S.R. 2045 Pittsburgh-McKeesport Blvd Bridge replacement.

The current configuration of S.R. 2045 Pittsburgh-McKeesport Blvd Bridge was completed in 1956 by Allegheny County, Pennsylvania when a three-span bridge enjoined and widened a previously constructed single-span bridge there. The perpendicular span over the URR is 39'-10 3/4" long and comprised of adjacent prestressed concrete box beams skewed 17.5-degrees to normal. The bridge currently provides four 12'-0" traffic lanes and a sidewalk on each side. The existing minimum vertical clearance from top of rail is 26'-2". The existing minimum horizontal clearance from centerline of track to existing Pier 1 is 15'-10 1/2". See Exhibit B – Existing S.R. 2045 Pittsburgh-McKeesport Blvd Bridge General Plan, Elevation and Typical Section.

The new S.R. 2045 Pittsburgh-McKeesport Blvd Bridge will be dual, single-span, multi-beam steel structure, 126'-0" long. The proposed out-to-out width is 73'-4 1/2" providing four 12'-0" traffic lanes, one 12'-0" turning lane and an 8'-0" shoulder. The bridge TS&L, approved by PennDOT, does not include a sidewalk nor roadway lighting. The proposed minimum vertical clearance from top of rail is 24'-10 1/4". The proposed minimum horizontal clearance is not applicable since full-height abutments and piers have been replaced by stub abutments with 1.5:1 spill-slopes. The following attachments are provided: Exhibit C – Proposed S.R. 2045 Pittsburgh-McKeesport Blvd Bridge Type, Size, and Location Plans; Exhibit D – Proposed S.R. 2045 Pittsburgh-McKeesport Blvd Roadway Plan and Typical Section; and Exhibit E – Railroad Crossing Data Forms D-4279 and D-4279A.

The Pennsylvania Turnpike Commission hereby requests that the PUC appropriate the property necessary for the new railroad crossing over the property of Union Railroad Company, being required right-of-way for SR 2045 (perpetual easement for highway purposes), aerial easements and temporary construction easement for superstructure construction and drainage easements. A portion of the existing legal right-of-way of SR 2045 will be converted to an aerial easement. Attached as part of Exhibit F is the right-of-way plot plan (R/W 14S285) prepared by Pennoni, Inc that describe and depict the required property and conveyances.

The Pennsylvania Turnpike Commission also hereby requests that the PUC appropriate the property of the defunct Glenwood & Dravosburg Electric Street Railway within the limits of the project. The property is necessary for demolition of an adjacent 'trolley bridge' over the property of Union Railroad Company and for the construction of other elements of the project including the Mon-Fayette Expressway. The ownership of this structure and associated right-of-way is unclaimed, and its condition is a liability to the URR and to construction of the MFE project. The access road function of this structure (for the URR, utilities and private residence) will be replaced by a non-grade-separated access as part of the realigned S.R. 2045 Pittsburgh-McKeesport Blvd. Attached as part of Exhibit F is the right-of-way plot plan (R/W 14S290) prepared by Pennoni, Inc that describe and depict the required property and conveyances.

During construction, it is expected that temporary grade crossings of the URR's tracks will be required to allow for material deliveries and general construction activities. Grade crossings will be sought by the contractor selected for the project. The exact location of the grade crossings will be determined by the contractor. Flagging and railroad protective services for these crossings will be required and are to be coordinated with the Union Railroad Company.

5. The Pennsylvania Turnpike Commission has initiated contact with Union Railroad Company who is affected by the proposed crossing. The names and addresses of the persons, parties and

entities concerned in, or affected by the proposed construction, to the best of the Applicant's knowledge, are shown in the Certificate of Service.

6. The proposed roadway horizontal alignment is oriented different than existing to realign S.R. 2045 Pittsburgh-McKeesport Blvd with the Mon-Fayette Expressway and its Ramp D, and to accommodate phased construction. Construction will be via part-width phasing so that traffic can be maintained during the replacement. The present average daily traffic (ADT) on S.R. 2045 Pittsburgh-McKeesport Blvd is 21,100 with 5.8% trucks NB and 8.4% trucks SB. The ADT in 2045 is projected to be 27,500 and the percentage of trucks is estimated to be 4.1%.
7. The funding for this project will be 100% PA Turnpike Commission funds. The estimated overall construction cost for the proposed Mon-Fayette Expressway project is over \$3 billion. The estimated construction cost for Section 53B1A is \$151 million. The estimated construction cost for the S.R. 2045 Pittsburgh-McKeesport Blvd Bridge is approximately \$4.13 million.
8. The proposed bridge construction is necessary for improved accessibility, growth, and development of the region. The project will ultimately improve traffic flow and safety for increased mobility.
9. A conference of all parties of interest should be held to discuss the proposed improvements.

Wherefore, applicant respectfully requests the Public Utility Commission to approve this application:

Date: 11/2/22

Kevin W. Scheurich

Kevin W. Scheurich, P.E.
Assistant Chief Engineer – Design

Exhibit A – Location Map

Mon-Fayette Expressway Project

SR 51 to I-376, Section 53B2

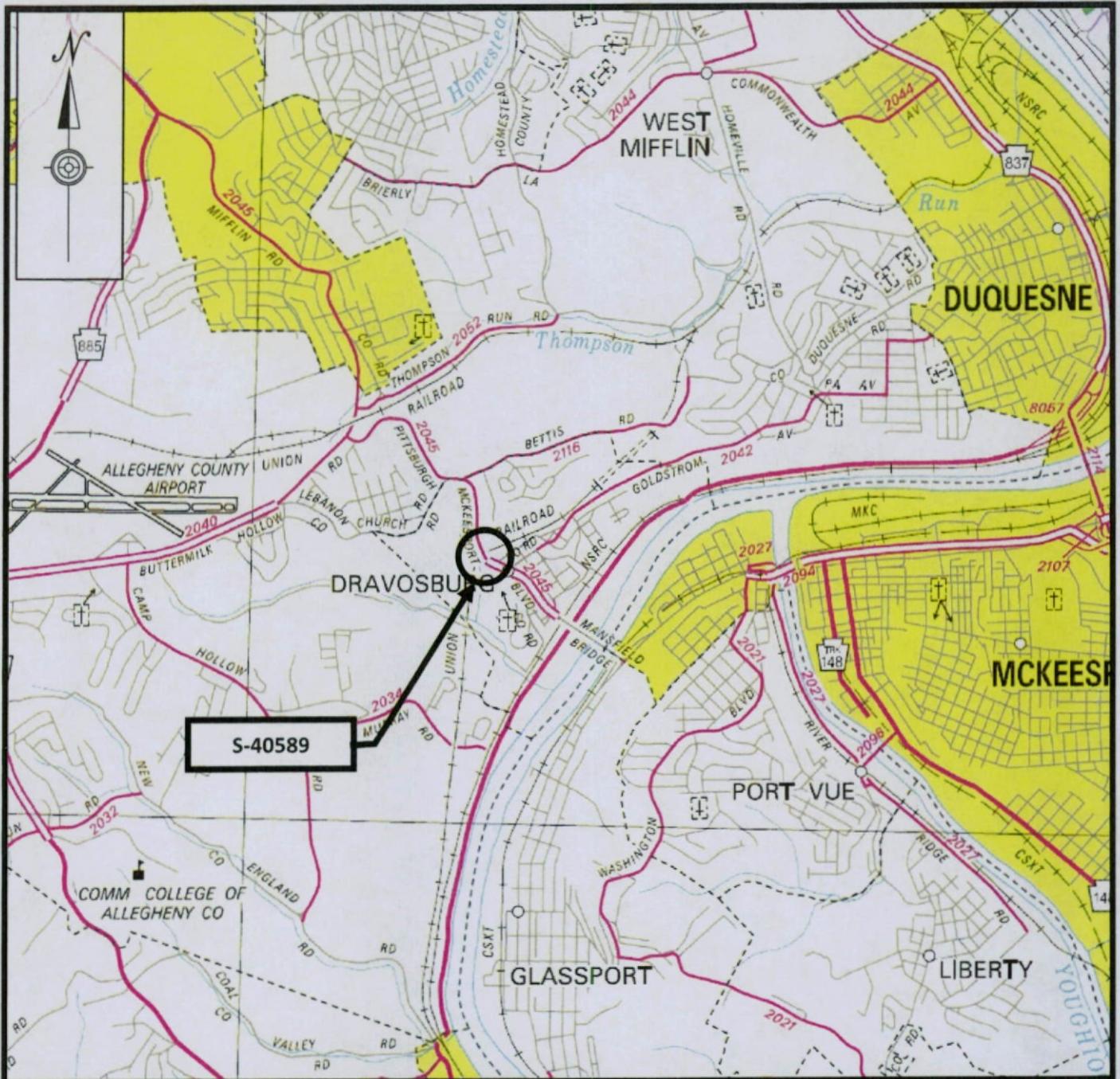
MF-412 S.R. 2045 Pittsburgh-McKeesport Blvd. over MFE

DATE OF DEPOSIT

NOV 07 2022

**PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU**

Project Location Map



SOURCE
General Highway Map
Type 10 (2017)
Allegheny County, PA

LOCATION MAP
Mon-Fayette Expressway
PA Route 51 to I-376 Project, Section 53B
MF-412 (S-40589)
S.R. 2045 (Pittsburgh-McKeesport Blvd.)
Over Union Railroad Tracks
Dravosburg, PA

Pennoni
Pennoni Associates Inc.
750 Holiday Drive
Foster Plaza 9, Suite 700
Pittsburgh, PA 15220

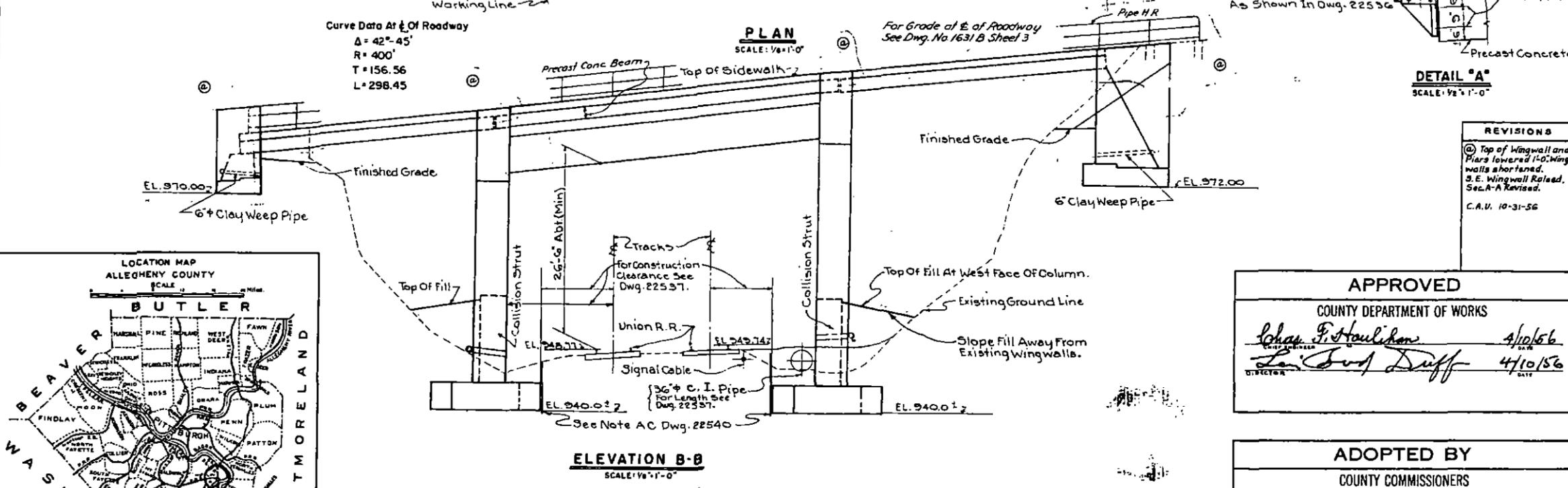
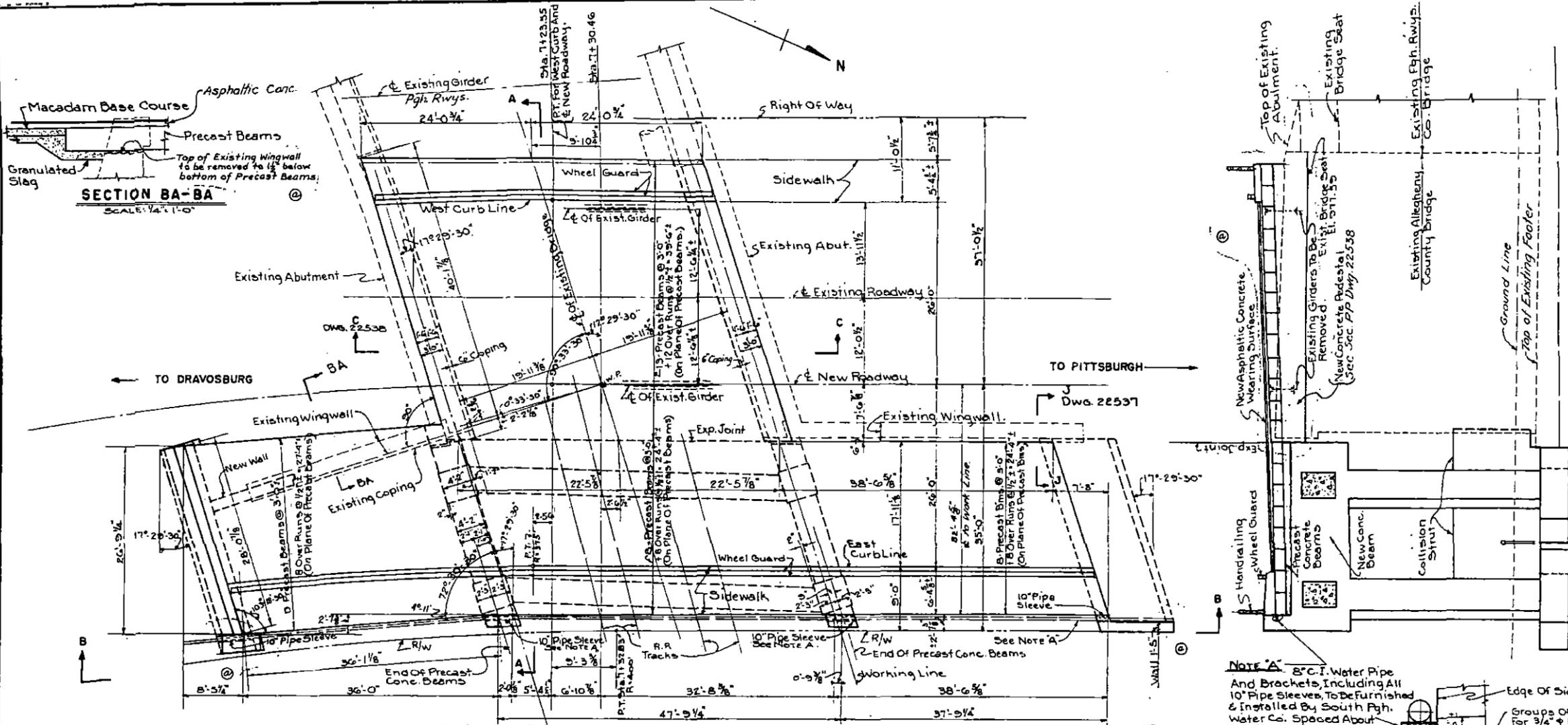
Exhibit B – Existing Bridge General Plan, Elevation and Typical Section

*Mon-Fayette Expressway Project
SR 51 to I-376, Section 53B2
MF-412 S.R. 2045 Pittsburgh-McKeesport Blvd. over MFE*

DATE OF DEPOSIT

NOV 07 2022

**PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU**



Curve Data At $\frac{1}{2}$ Of Roadway
 $\Delta = 42^\circ-45'$
 $R = 400'$
 $T = 156.56$
 $L = 298.45$

PLAN
 SCALE: $\frac{1}{8}'' = 1'-0''$

For Grade at $\frac{1}{2}$ of Roadway
 See Dwg. No 1631 B Sheet 3

ELEVATION B-B
 SCALE: $\frac{1}{8}'' = 1'-0''$

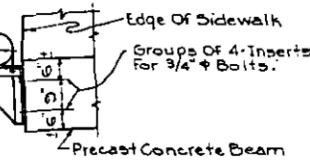
NOTE - All Dimensions Are in a Horizontal Plane Except As Noted.

SECTION A-A
 SCALE: $\frac{1}{8}'' = 1'-0''$

LIST OF DRAWINGS	
DWG. NO.	DESCRIPTION
22535	GENERAL PLAN & ELEVATION
22536	GENERAL ARRANGEMENT OF PRECAST BEAMS - CONTOUR PLAN - GENERAL NOTES
22537	FOUNDATION PLAN & DETAILS N. ABUTMENT
22538	DETAILS OF S.O. ABUTMENT & PEDESTALS
22539	PRECAST CONCRETE BEAMS
22540	PIERS NO. 1 & NO. 2
22541	HANDRAIL

REFERENCE DWG -
 PLAN AND ELEVATION OF EXISTING BRIDGE -
 UNION R.R. REFERENCE DWG. E2 - ORDER NO. 05133.

NOTE 'A'
 2" C.I. Water Pipe
 And Brackets, Including All
 10" Pipe Sleeves, To Be Furnished
 & Installed By South Pgh.
 Water Co. Spaced About
 As Shown In Dwg. 22536



DETAIL 'A'
 SCALE: $\frac{1}{2}'' = 1'-0''$

FOR GENERAL NOTES SEE DWG. 22536

REVISIONS	
1	Top of Wingwall and Piers lowered 1'-0" wing walls shortened. S.E. Wingwall Ruled. Sec. A-A Revised. C.A.U. 10-31-56

APPROVED
 COUNTY DEPARTMENT OF WORKS
Chas. F. Haulikens 4/10/56
Lois J. Duff 4/10/56

ADOPTED BY
 COUNTY COMMISSIONERS
John Kane 4/11/56
Frank B. Steuarts 4/11/56
John Walker 4/11/56

APPROVAL RECOMMENDED
H.A. Donovan 4/10/56
 BRIDGE DESIGN ENGINEER DATE
 ASST. CHIEF ENGINEER DATE

County of Allegheny

Pittsburgh, Pa.
 COUNTY DEPARTMENT OF WORKS
 BUREAU OF DESIGN

BRIDGE NO. 1
UNION R.R.
 WIDENING PITTSBURGH-McKEESPORT BLVD.
 DRAVOSBURG BOROUGH

GENERAL PLAN & ELEVATION

LR 02288 STA 28+10

DR. BY: M.D.	TR. BY: J.G.	DATE: Apr. 1956	22535
CH. BY:	SCALE: AS SHOWN	SHEET 1 OF 7	

GENERAL NOTES

GENERAL:

All work under the Contract shall be done in accordance with Standard Contract for Construction Dated May 1, 1937 and as revised Mar. 17, 1953 and the supplemental instructions to bidders and specifications Dated May 8, 1956

LIVE LOAD:

H 20-S16-44 In accordance with the 1953 Specification of the American Association of State Highway Officials.

DETAIL DRAWINGS:

Detail drawings conforming to Art. 1-05 of the Standard Contract for Construction shall be submitted to the Director for approval.

FOUNDATION ELEVATION:

If conditions arising in the field warrant, The Director may raise or lower the foundations, possibly necessitating changes in the design of the foundations, walls and their reinforcement. There shall be no extra compensation for such changes except that due to increase in quantities at Contract unit prices.

WINGWALL ALIGNMENT:

Alignment, length and height of all wingwalls shall be staked in the field and approved by the Bureau of Design before construction begins, and if required, changed as directed without extra compensation other than that due to increase in quantities of contract unit prices.

REINFORCING STEEL:

All reinforcing steel shall be deformed bars and may be intermediate or structural grade conforming to section 3-40 of the Standard Contract for Construction and ASTM-A 305-50 T Specification for deformation. All splices shall have a minimum lap of 40 dia. and a minimum clear distance from the face of concrete to the edge of bar of 1" unless otherwise noted.

CONSTRUCTION JOINT:

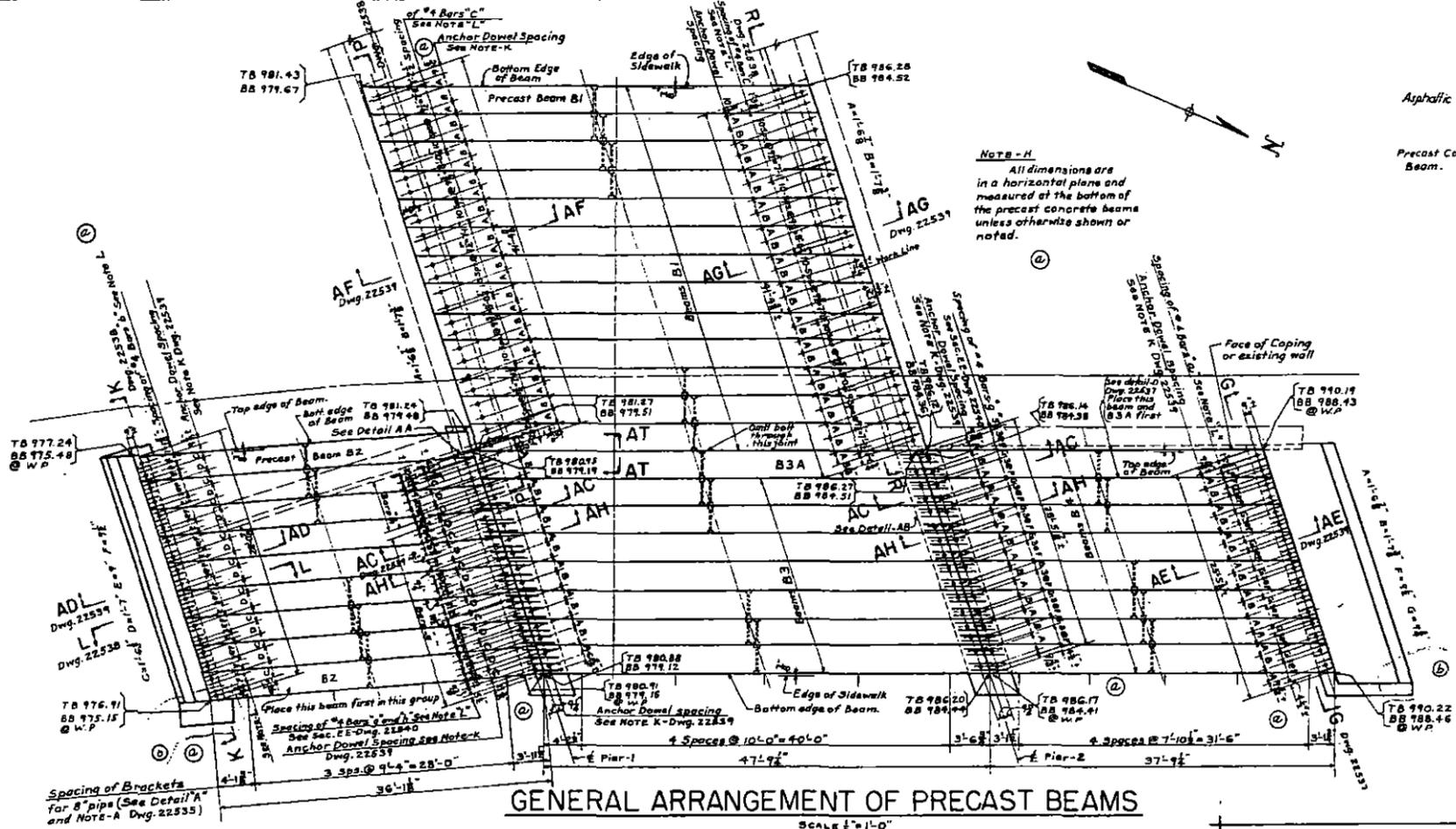
For Preparation of Construction Joint see Art. 5-12 of The Standard Contract for Construction.

COMPENSATION:

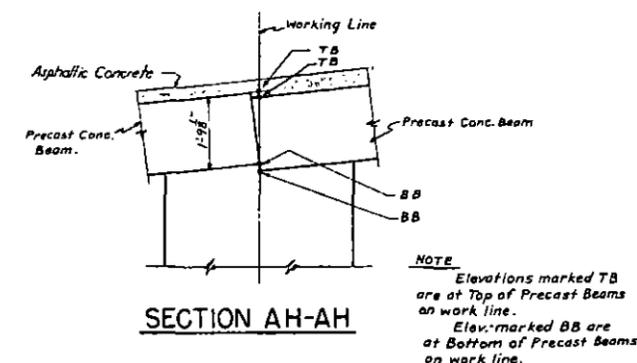
Compensation for Plain Weep Pipe, Premoulded Expansion Joint Filler, hot poured Rubber Seal, Copper nails, Copper water stop, etc. shall be included in Price Bid under the various Items of the Contract unless otherwise noted.

UTILITIES:

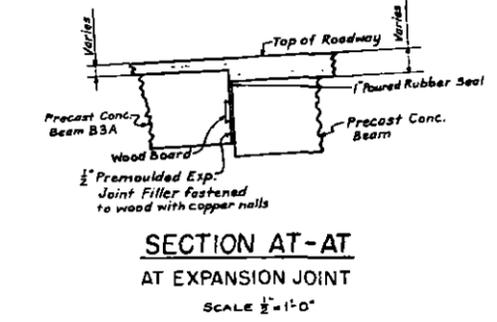
For Utilities Notes See Dwg. 1631- B Sheet 1



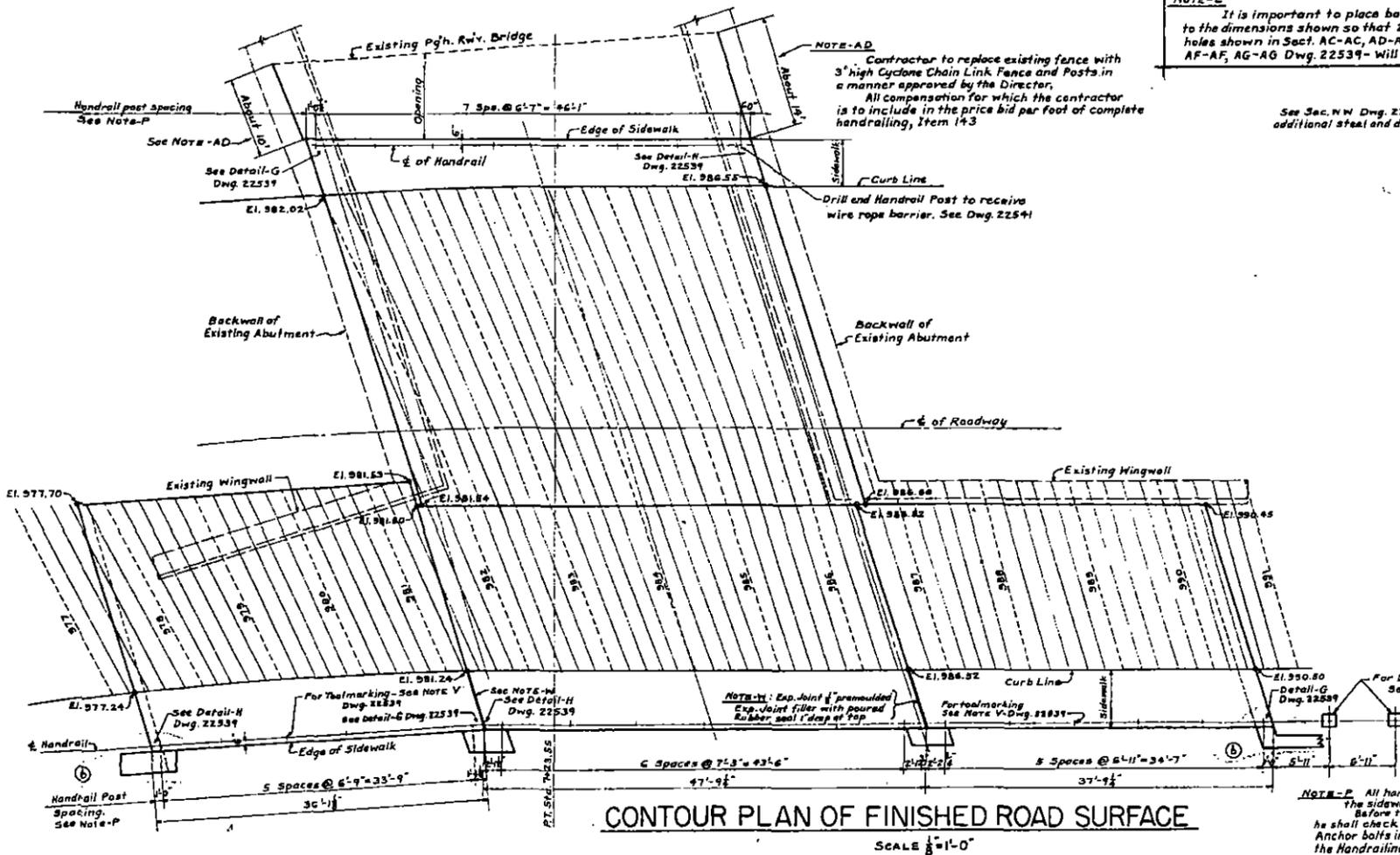
GENERAL ARRANGEMENT OF PRECAST BEAMS
SCALE 1/8"=1'-0"



SECTION AH-AH



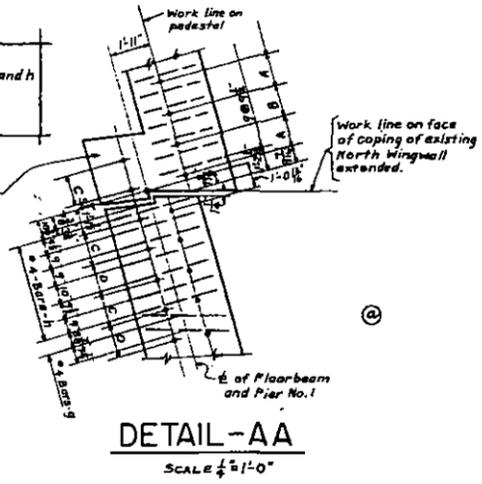
SECTION AT-AT AT EXPANSION JOINT
SCALE 1/2"=1'-0"



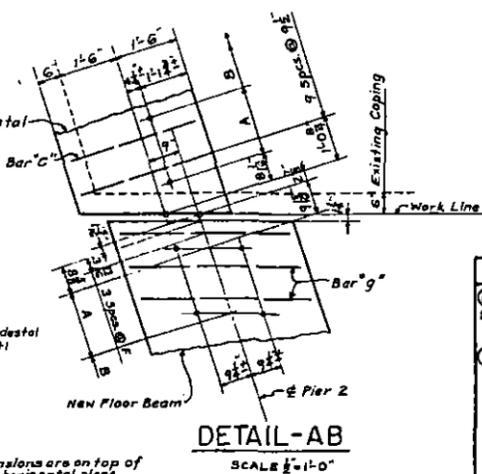
CONTOUR PLAN OF FINISHED ROAD SURFACE
SCALE 1/8"=1'-0"

NOTE-L
It is important to place bars a, b, c, and d to the dimensions shown so that 2" drilled holes shown in Sect. AC-AC, AD-AD, AE-AE, AF-AF, AG-AG Dwg. 22539- will clear

NOTE-AD
Contractor to replace existing fence with 3' high Cyclone Chain Link Fence and Posts in a manner approved by the Director. All compensation for which the contractor is to include in the price bid per foot of complete handrailing, Item 143



DETAIL-AA
SCALE 1/4"=1'-0"



DETAIL-AB
SCALE 1/4"=1'-0"

NOTE-P All handrail dimensions are on top of the sidewalk and in a horizontal plane. Before the Contractor fabricates the handrailing he shall check the location and projection of the Anchor bolts in the field, to insure the proper fit of the Handrailing.

COUNTY OF ALLEGHENY PITTSBURGH, PENNSYLVANIA COUNTY DEPARTMENT OF WORKS BUREAU OF DESIGN		
BRIDGE NO. 1 UNION R.R. WIDENING PITTSBURGH-MCKEESPORT BLVD. DRAVOSBURG BOROUGH GENERAL ARRANGEMENT OF PRECAST BEAMS CONTOUR PLAN AND GENERAL NOTES LR 02288 STA 28+10		
REVISIONS (A) Changed minor dimensions and Clarified Details. 7/3/56-C.A.U. (B) Sharpened Wingwalls. C.A.U. 10-31-56	DR. BY M.S. TR. BY A. Sunders CH. BY DATE April 1956 SCALE AS NOTED SHEET 2 OF 7	22536

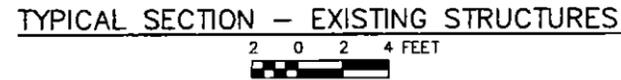
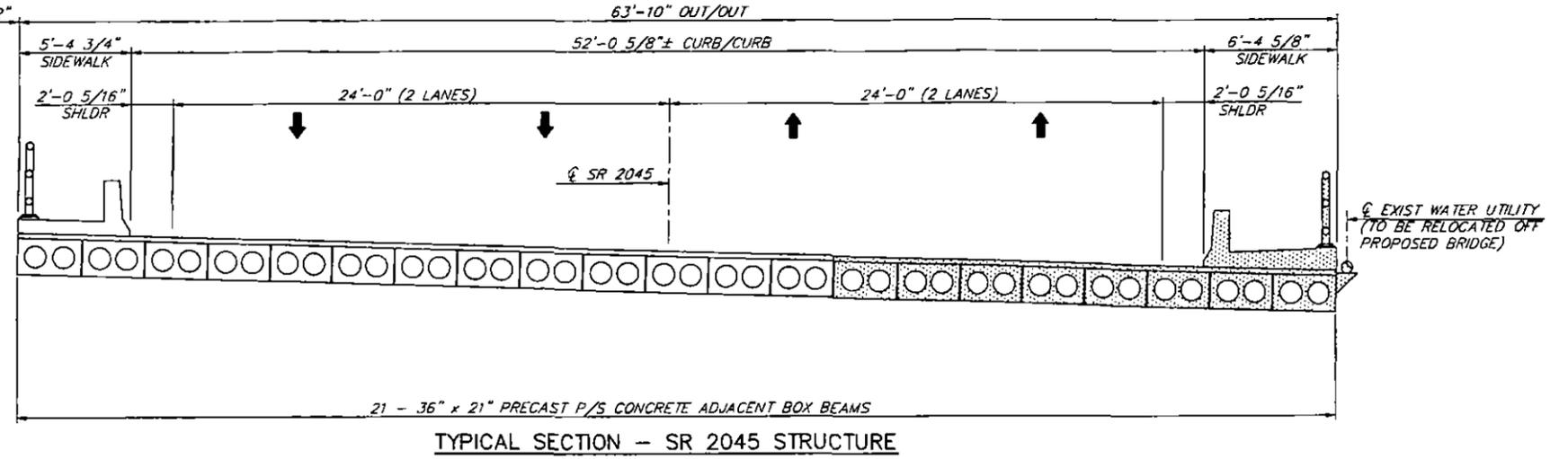
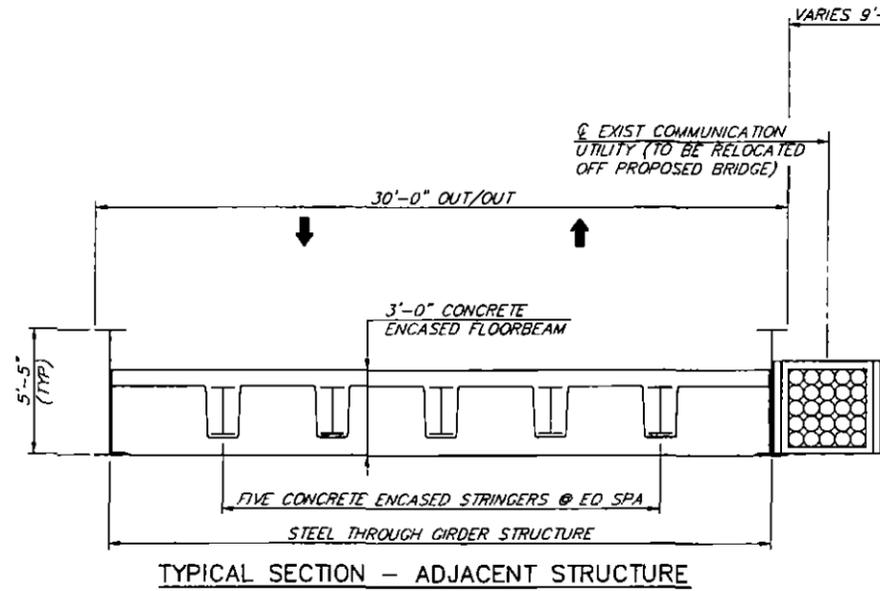
Exhibit C – Proposed Bridge Type, Size and Location Plan

*Mon-Fayette Expressway Project
SR 51 to I-376, Section 53B2
MF-412 S.R. 2045 Pittsburgh-McKeesport Blvd. over MFE*

DATE OF DEPOSIT

NOV 07 2022

**PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU**

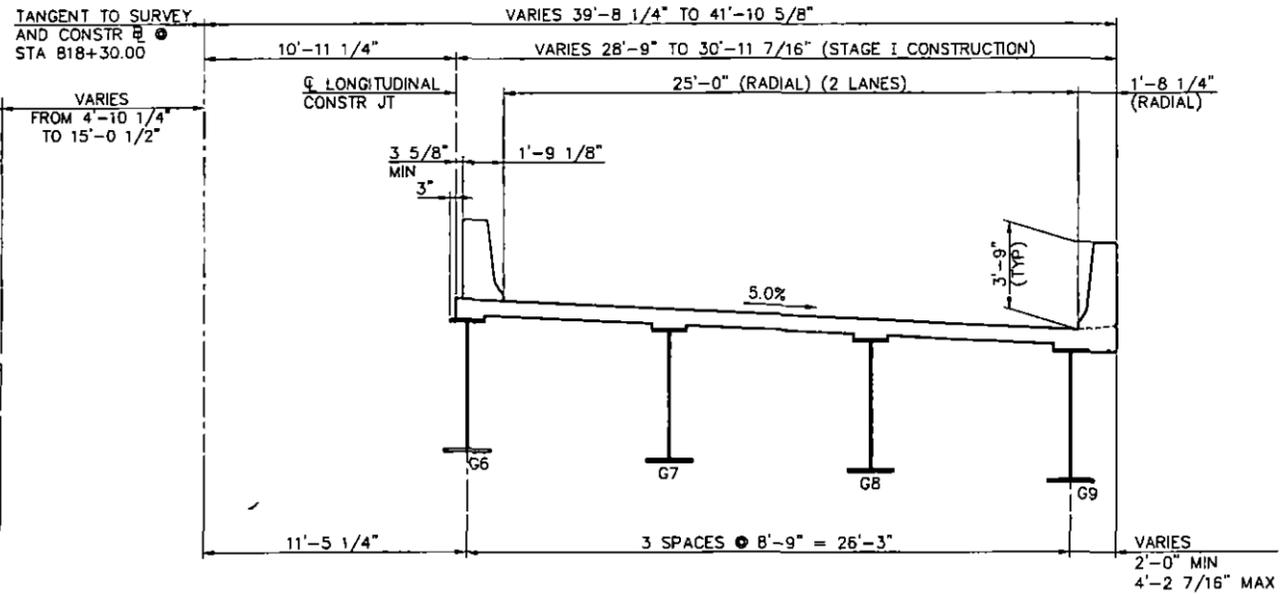
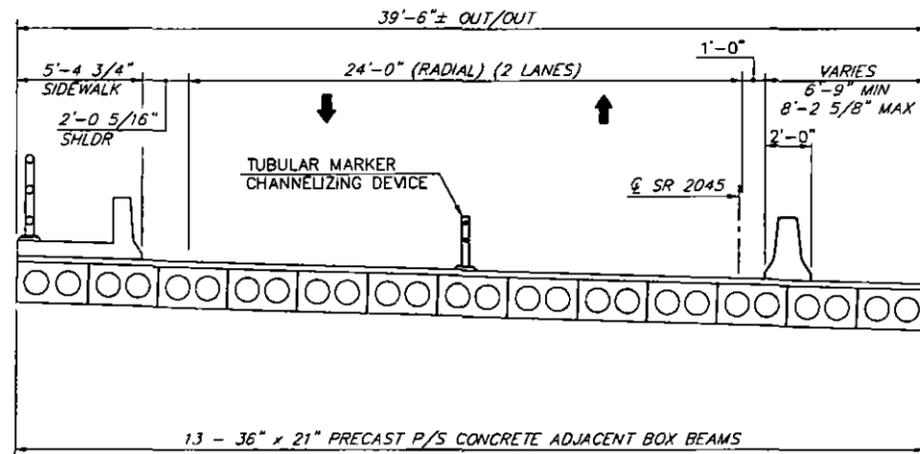


LEGEND

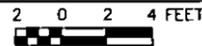
- DENOTES REMOVAL OF EXISTING STRUCTURE - STAGE I
- TEMPORARY MEDIAN BARRIER 32", STRUCTURE MOUNTED (SEE BC-719M)
- TEMPORARY MEDIAN BARRIER 42", STRUCTURE MOUNTED WITH TYPE B CONNECTION (SEE BC-719M)

NOTES:

- REFER TO THE TRAFFIC CONTROL PLAN FOR OVERALL SEQUENCE OF CONSTRUCTION.
- FOR TEMPORARY MEDIAN BARRIER 32", STRUCTURE MOUNTED DETAILS, SEE PENNDOT STANDARD DRAWING BC-719M.



STAGE I CONSTRUCTION



PENNONI ASSOCIATES, INC.
 FILE NAME: \\L160151\PIA12-510_1 OF 2.dwg
 PLOT TABLE: PENNONI-PTC-3-COLOR.rvt
 PLOT DRIVER: PENNONI-MCH-PTC-FULL-PROF.PLOTTER
 DATE PLOTTED: 10/17/2022 @ 2:53:50 PM
 USER: mack.rubenstein

DES: DFG DWG: ASA CKD: DFG

PREPARED BY:
 PENNONI
 FOSTER PLAZA B
 750 HOLIDAY DRIVE, SUITE 700
 PITTSBURGH, PA 15220
 PREPARED FOR:
 THE PENNSYLVANIA
 TURNPIKE COMMISSION



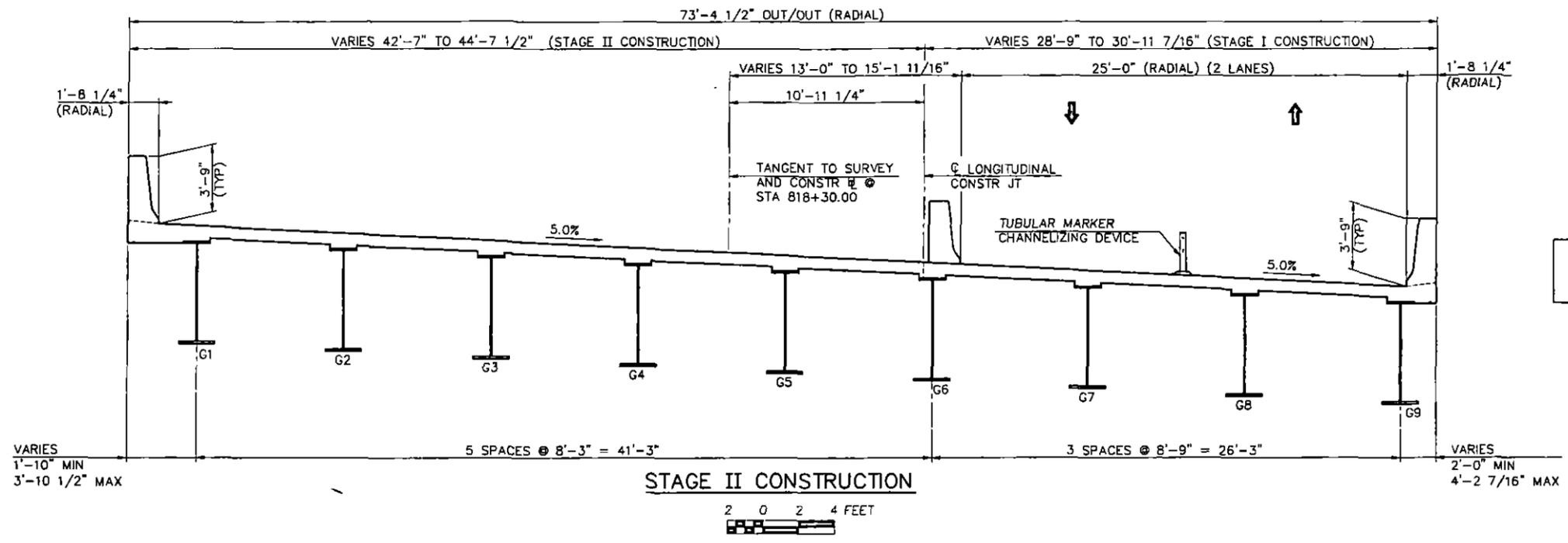
NO.	REVISIONS	DATE	APPR.

WBS NO.
 M-052.50X002-3-03
 NETWORK NUMBER: 7008401
 FILE NAME:
 DRAWING TYPE: 2G
 STRUCTURE NUMBER: S-40589 (MF-412)
 SCALE: AS NOTED

ROADWAY AND BRIDGE CONSTRUCTION
SECTION 53B
 DISTRICT: 1 COUNTY: ALLEGHENY
 TOWNSHIP / BOROUGH: DRAVOSBURG BOROUGH

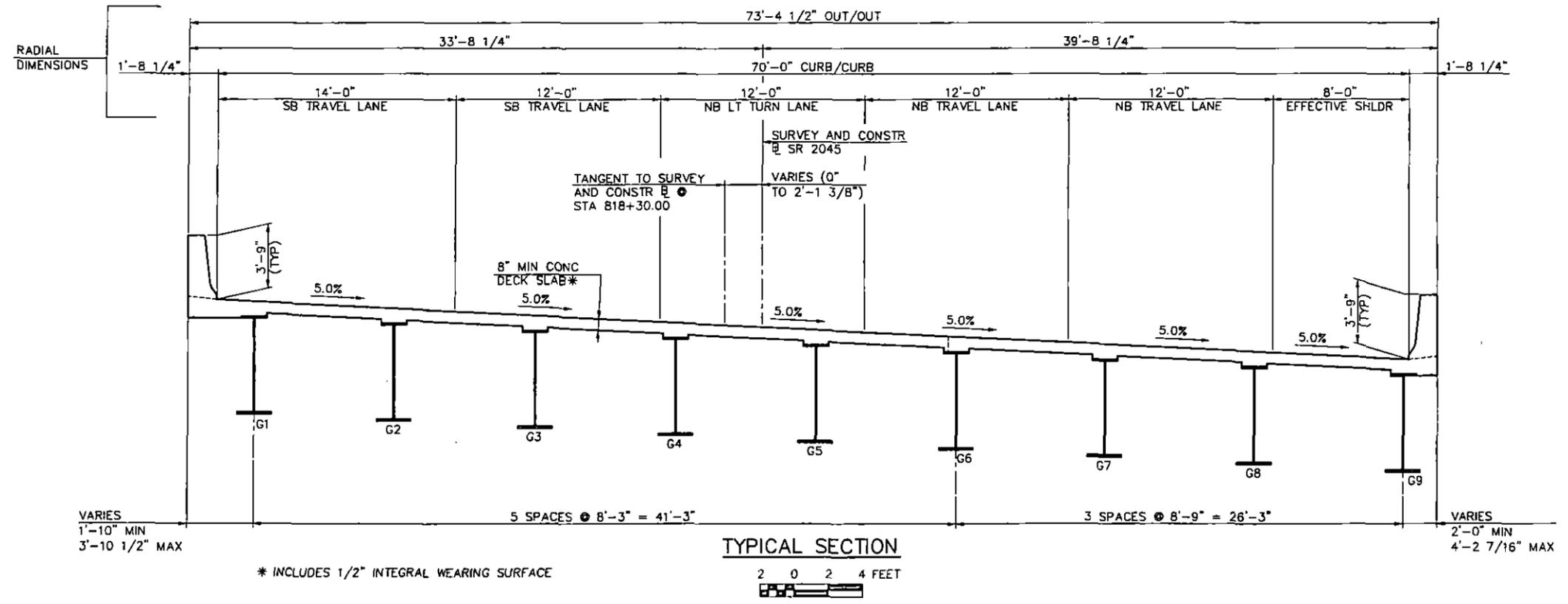
BMS. NO. 02 2045 0030 0841 BRKEY NO. 1559

S.R. 2045 (PITTSBURGH-McKEESPORT BLVD.)
OVER UNION RAILROAD STA. 818+30.00
SINGLE SPAN COMPOSITE STEEL PLATE
MULTI-GIRDER BRIDGE
CONSTRUCTION STAGING - SHEET 1 OF 2
 DRAWING: 4 OF 23
 SHEET: XX OF XX



LEGEND

TEMPORARY BARRIER 42" STRUCTURE MOUNTED WITH TYPE B CONNECTION (SEE BC-719M)



* INCLUDES 1/2" INTEGRAL WEARING SURFACE

PENNONI ASSOCIATES, INC.
 FILE NAME: V:\160151\1612-510 2 OF 2.DWG
 PEN TABLE: PENNONI-PTC-3-COLOR.TBL
 PLOT DRIVER: PENNONI-MCH-PTC-FULL-PPF.PLOTFC
 USER: RALPH
 DATE: 10/14/2022 8:27:41 PM
 USER: RALPH

DES: DFG DWG: EF CKD: ALB

PREPARED BY:
 PENNONI
 FOSTER PLAZA 9
 750 HOLIDAY DRIVE, SUITE 700
 PITTSBURGH, PA 15220
 PREPARED FOR:
 THE PENNSYLVANIA
 TURNPIKE COMMISSION



NO.	REVISIONS	DATE	APPR.

WBS NO.
 M-052.50X002-3-03
 NETWORK NUMBER: 7008401
 FILE NAME:
 DRAWING TYPE: 2G
 STRUCTURE NUMBER: S-40589 (MF-412)
 SCALE: AS NOTED

ROADWAY AND BRIDGE CONSTRUCTION SECTION 53B

DISTRICT: 1 COUNTY: ALLEGHENY
 TOWNSHIP / BOROUGH: DRAVOSBURG BOROUGH

BMS. NO. 02 2045 0030 0841 BRKEY NO. 1559

S.R. 2045 (PITTSBURGH-McKEESPORT BLVD.)
 OVER UNION RAILROAD STA. 818+30.00
 SINGLE SPAN COMPOSITE STEEL PLATE
 MULTI-GIRDER BRIDGE
 CONSTRUCTION STAGING - SHEET 2 OF 2

DRAWING: 5 OF 23
 SHEET: XX OF XX

Exhibit D – Proposed Roadway Plan and Typical Section

*Mon-Fayette Expressway Project
SR 51 to I-376, Section 53B2
MF-412 S.R. 2045 Pittsburgh-McKeesport Blvd. over MFE*

DATE OF DEPOSIT

NOV 07 2022

**PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU**

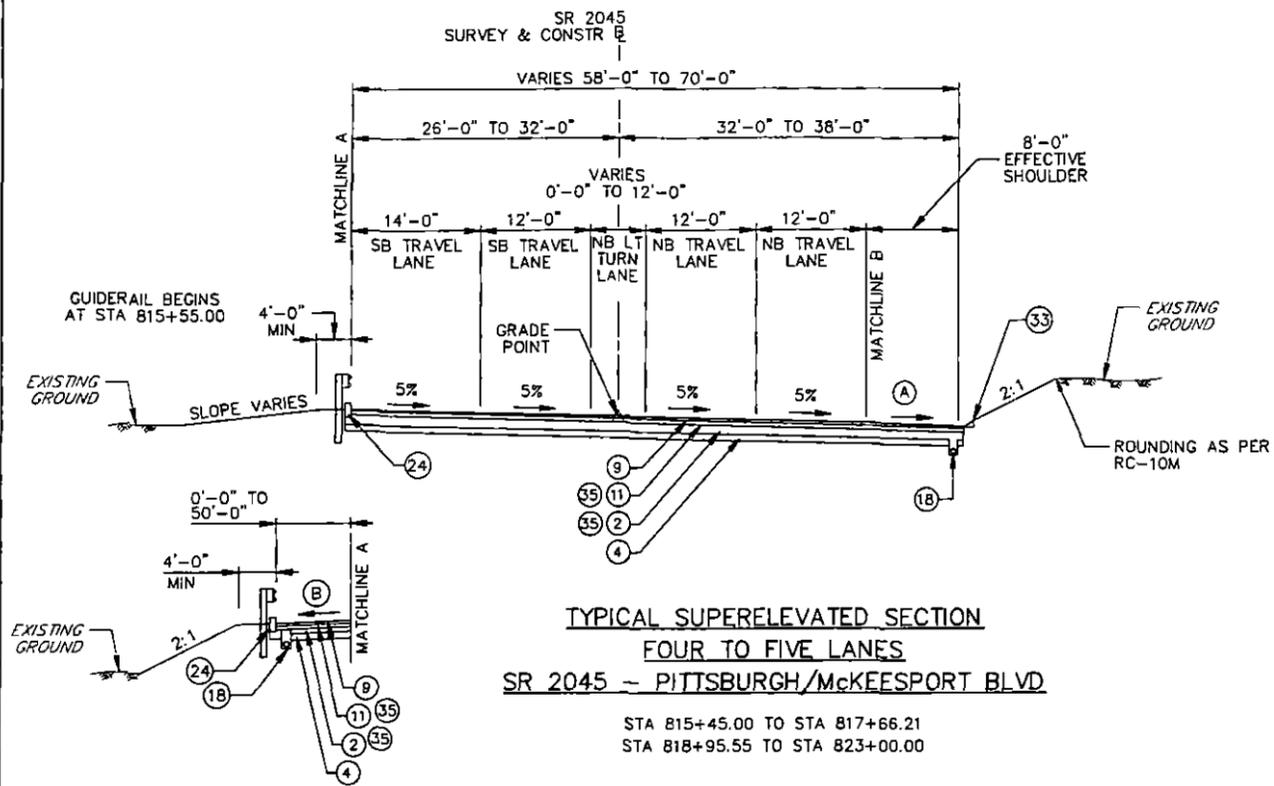
PAVEMENT LEGEND

THE PAVEMENT WILL CONSIST OF:

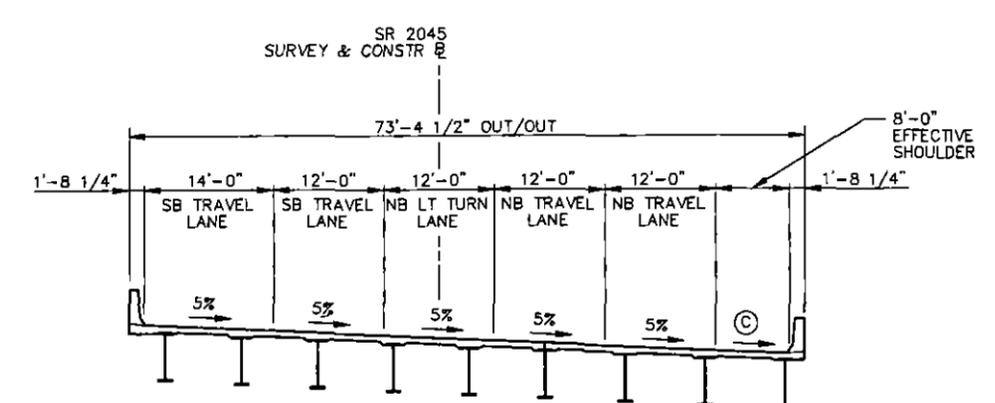
- ② SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 6" DEPTH
- ④ SUBBASE 8" DEPTH (NO. 2A)
- ⑥ SUBBASE UNDER GUIDE RAIL
- ⑨ SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-H
- ⑪ SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 19.0 MM MIX, 2 1/2" DEPTH
- ⑥ 6" PAVEMENT BASE DRAIN
- ②④ PLAIN CEMENT CONCRETE CURB, 4" HEIGHT
- ②⑥ PLAIN CEMENT CONCRETE MOUNTABLE CURB, TYPE A
- ③② ROCK ARMOR
- ③③ WEDGE CURB
- ③⑤ ASPHALT TACK COAT (NTT/CNTT) (APPLY BETWEEN ALL PAVEMENT LAYERS)
- ③⑥ PLAIN CEMENT CONCRETE PAVEMENT, 4" DEPTH

NOTES:

- Ⓐ THE SHOULDER ON THE LOW SIDE OF A SUPERELEVATED SECTION WILL BE SLOPED AT 0.06 FT/FT AWAY FROM THE PAVEMENT WHEN THE RATE OF SUPERELEVATION IS LESS THAN OR EQUAL TO 0.06 FT/FT; SLOPE SHOULD BE THE SAME AS THE PAVEMENT WHEN THE PAVEMENT SLOPE IS GREATER THAN 0.06 FT/FT.
- Ⓑ THE SHOULDER ON THE HIGH SIDE OF A SUPERELEVATED SECTION WILL BE SLOPED AT 0.02 FT/FT AWAY FROM THE PAVEMENT WHEN THE RATE OF SUPERELEVATION IS GREATER THAN 0.02 FT/FT TO 0.06 FT/FT.
- Ⓒ ON THE STRUCTURE, THE SHOULDER ON THE LOW SIDE OF SUPERELEVATION WILL MATCH THE LANE CROSS SLOPE.

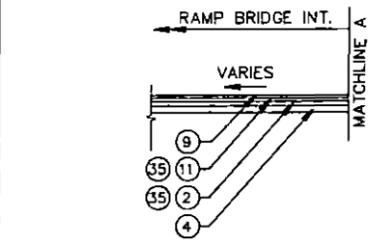


**TYPICAL SUPERELEVATED SECTION
FOUR TO FIVE LANES
SR 2045 - PITTSBURGH/McKEESPORT BLVD**
STA 815+45.00 TO STA 817+66.21
STA 818+95.55 TO STA 823+00.00

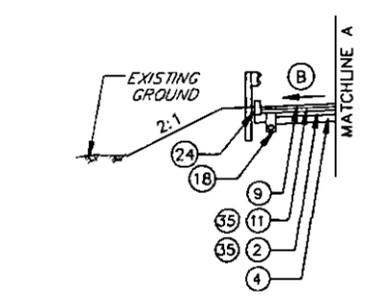


**SUPERELEVATED STRUCTURE TYPICAL
FIVE LANES
SR 2045 - PITTSBURGH/McKEESPORT BLVD**
STA 817+66.21 TO STA 818+95.55

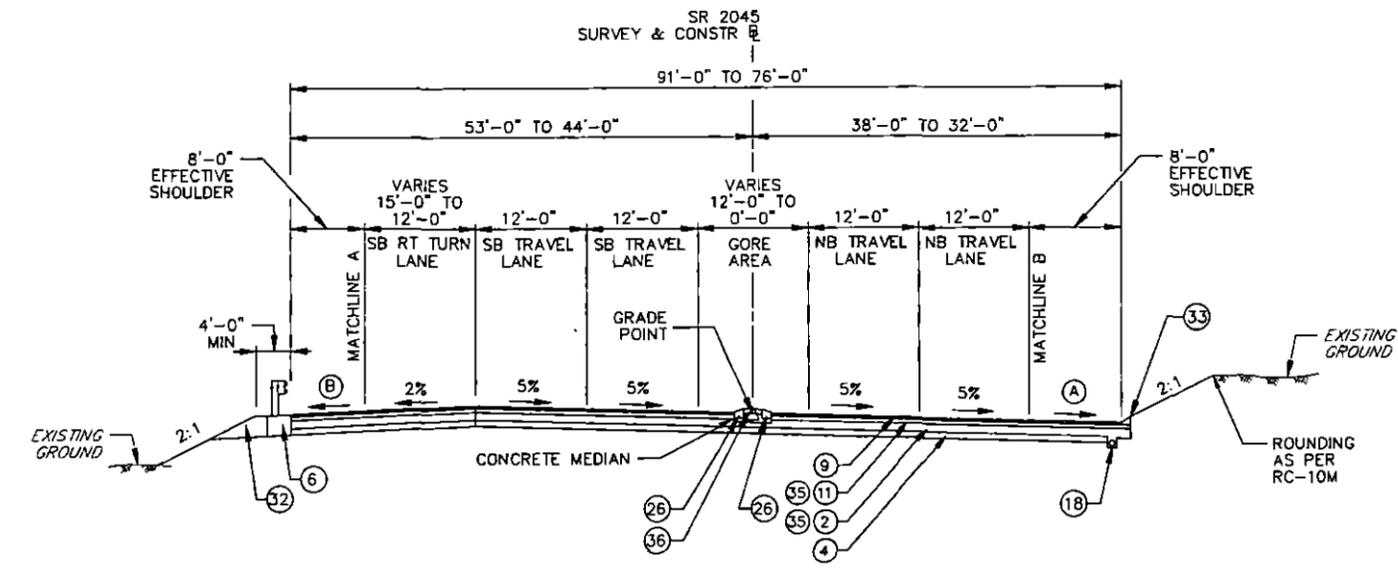
END CONDITION
STA 821+46.25 TO STA 822+50.96



END CONDITION
STA 822+50.96 TO STA 823+15.99



END CONDITION
STA 823+15.99 TO STA 823+71.05



**TYPICAL SUPERELEVATED SECTION
FIVE LANES
SR 2045 - PITTSBURGH McKEESPORT BLVD**
STA 823+00.00 TO STA 826+00.00

PENNONI ASSOCIATES, INC.
 FILE NAME: ...CONSTR\SR2045\1601RD\12.dgn
 PLOT DRIVER: PENNONI.PLOT
 DATE PLOTTED: 10/25/2022 @ 10:32:44 AM
 USER NAME: Bhangoch

PREPARED BY:
 PENNONI
 FOSTER PLAZA @
 750 HOLIDAY DRIVE, SUITE 700
 PITTSBURGH, PA 15220
PREPARED FOR:
 THE PENNSYLVANIA
 TURNPIKE COMMISSION



NO.	REVISIONS	DATE	APPR.

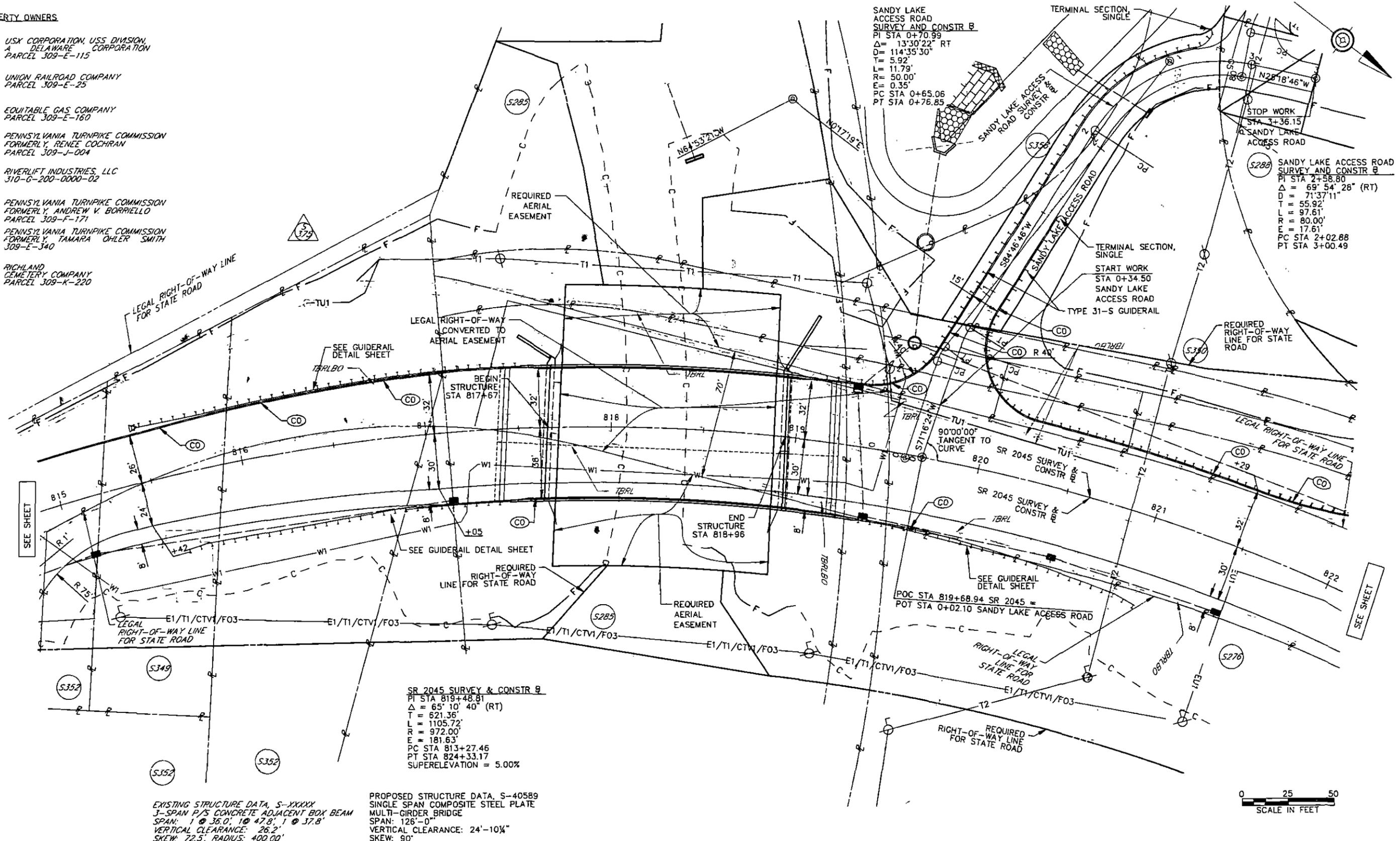
WBS NO.
M-052.50X002-3-03
 NETWORK NUMBER: 7008401
 FILE NAME: 1601RD\12.dgn
 DRAWING TYPE: 1A
 STRUCTURE NUMBER:
 SCALE: NTS

**MON/FAYETTE EXPRESSWAY
SECTION 53B1A
STATE ROUTE 0043**
 DISTRICT: 1 COUNTY: ALLEGHENY
 TOWNSHIP / BOROUGH: WEST MIFFLIN & DRAVOSBURG

**ROADWAY
TYPICAL SECTIONS**
 DRAWING: OF
 SHEET: 35 OF 153

PROPERTY OWNERS

- 5276 USX CORPORATION, USS DIVISION, A DELAWARE CORPORATION, PARCEL 309-E-115
- 5285 UNION RAILROAD COMPANY, PARCEL 309-E-25
- 5288 EQUITABLE GAS COMPANY, PARCEL 309-E-160
- SJ49 PENNSYLVANIA TURNPIKE COMMISSION, FORMERLY, RENEE COCHRAN, PARCEL 309-J-004
- SJ50 RIVERLIFT INDUSTRIES, LLC, 310-G-200-0000-02
- SJ52 PENNSYLVANIA TURNPIKE COMMISSION, FORMERLY, ANDREW V. BORRIELLO, PARCEL 309-F-171
- SJ58 PENNSYLVANIA TURNPIKE COMMISSION, FORMERLY, TAMARA OHLER SMITH, 309-E-340
- 5379 RICHLAND CEMETERY COMPANY, PARCEL 309-K-220



SR 2045 SURVEY & CONSTR B
 PI STA 819+48.81
 $\Delta = 65^\circ 10' 40''$ (RT)
 T = 621.36'
 L = 1105.72'
 R = 972.00'
 E = 181.63'
 PC STA 813+27.46
 PT STA 824+33.17
 SUPERELEVATION = 5.00%

EXISTING STRUCTURE DATA, S-XXXXX
 3-SPAN P/S CONCRETE ADJACENT BOX BEAM
 SPAN: 1 @ 36.0', 1 @ 47.8', 1 @ 37.8'
 VERTICAL CLEARANCE: 26.2'
 SKEW: 72.5; RADIUS: 400.00'

PROPOSED STRUCTURE DATA, S-40589
 SINGLE SPAN COMPOSITE STEEL PLATE
 MULTI-GIRDER BRIDGE
 SPAN: 126'-0"
 VERTICAL CLEARANCE: 24'-10 1/4"
 SKEW: 90°

PENNONI ASSOCIATES, INC.
 FILE NAME: ...CONSTR.A11RICHLAN016010042.dgn
 PLOT DATE: 10/17/2024 10:39:11 AM
 USER NAME: SHURICK

PREPARED BY:
 PENNONI
 FOSTER PLAZA 9
 750 HOLIDAY DRIVE, SUITE 700
 PITTSBURGH, PA 15220
 PREPARED FOR:
 THE PENNSYLVANIA
 TURNPIKE COMMISSION

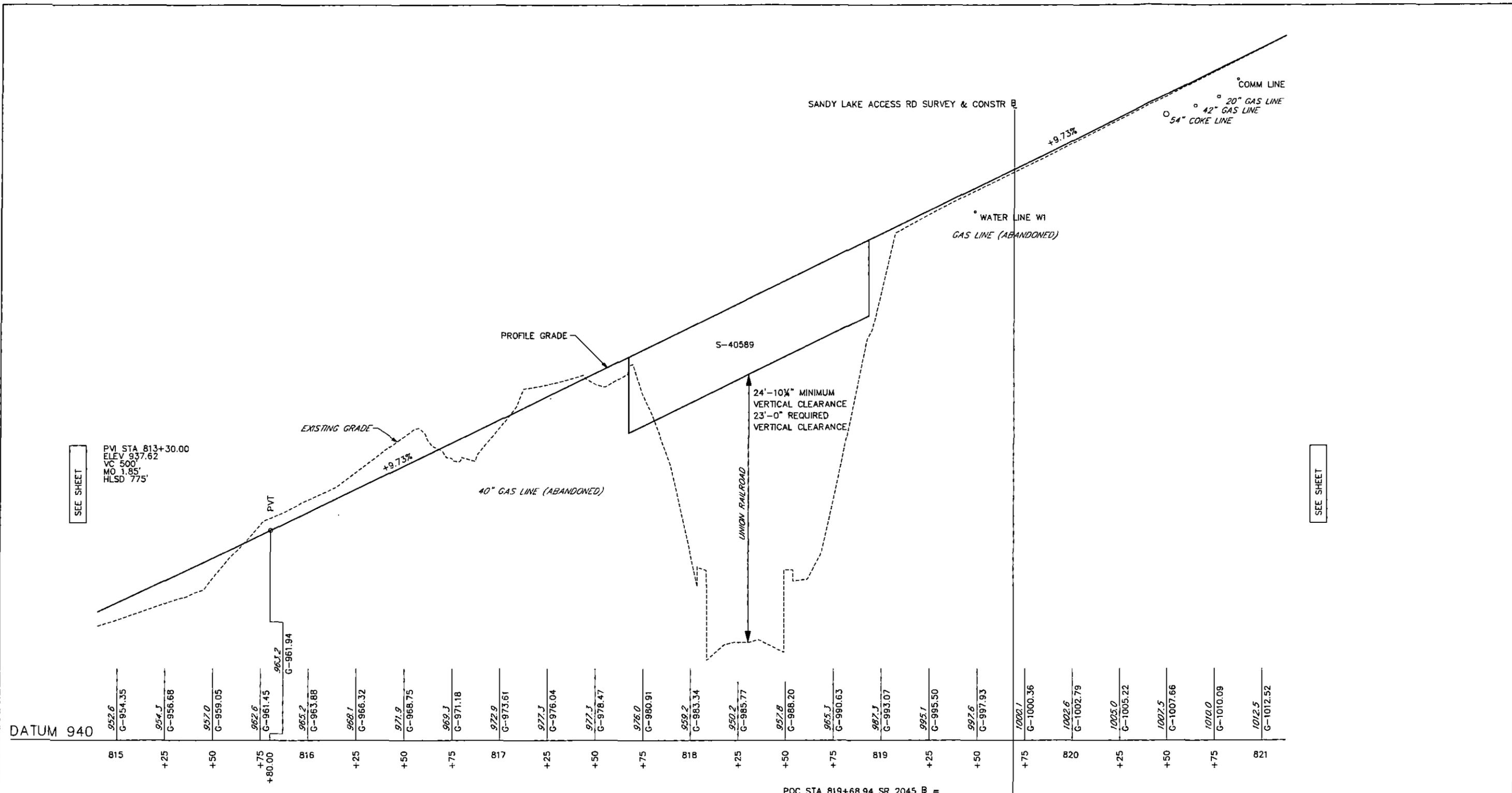


NO.	REVISIONS	DATE	APPR.

WBS NO.
M-052.50X002-3-03
 NETWORK NUMBER: 7008401
 FILE NAME: 1601RDp42.dgn
 DRAWING TYPE: 1A
 STRUCTURE NUMBER:
 SCALE: AS NOTED

**MON/FAYETTE EXPRESSWAY
 SECTION 53B1A
 STATE ROUTE 0043**
 DISTRICT: 1 COUNTY: ALLEGHENY
 TOWNSHIP / BOROUGH: WEST MIFFLIN & DRAVOSBURG

**SR 2045 SEC A11 RICHLAND AVE /
 PITTSBURGH McKEESPORT BLVD
 PLAN
 STA 815+00.00 TO STA 822+00.00**
 DRAWING: OF
 SHEET: OF



SEE SHEET

PVI STA 813+30.00
 ELEV 937.62
 VC 500
 MO 1.85
 HLSD 775'

SEE SHEET

DATUM 940

952.6 G-954.35	954.1 G-956.68	957.0 G-959.05	962.6 G-961.45	965.2 G-963.88	968.1 G-966.32	971.9 G-968.75	969.1 G-971.18	972.9 G-973.61	977.1 G-976.04	977.1 G-978.47	976.0 G-980.91	959.2 G-983.34	950.2 G-985.77	957.8 G-988.20	965.1 G-990.63	987.1 G-993.07	995.1 G-995.50	997.6 G-997.93	1002.1 G-1000.36	1002.6 G-1002.79	1005.0 G-1005.22	1007.5 G-1007.66	1010.0 G-1010.09	1012.5 G-1012.52
815	+25	+50	+75	816	+25	+50	+75	817	+25	+50	+75	818	+25	+50	+75	819	+25	+50	+75	820	+25	+50	+75	821

POC STA 819+68.94 SR 2045 =
 POT STA 0+02.10 SANDY LAKE ACCESS RD



SR 2045 RICHLAND AVENUE / PITTSBURGH MCKEESPORT BOULEVARD

FOR PLAN, SEE SHEET

PENNONI ASSOCIATES, INC.
 FILE NAME: ...SR2045\PROFILES\81501\RDPR96.dgn
 PLOT DRIVER: PENNONI.PLOT
 DATE PLOTTED: 11/25/2002 10:38:08 AM
 USER NAME: bhudson

PREPARED BY:
 PENNONI
 FOSTER PLAZA 9
 750 HOLIDAY DRIVE, SUITE 700
 PITTSBURGH, PA 15220
 PREPARED FOR:
 THE PENNSYLVANIA
 TURNPIKE COMMISSION



NO.	REVISIONS	DATE	APPR.

WBS NO.
M-052.50X002-3-03
 NETWORK NUMBER: 7008401
 FILE NAME: 1601RDpr96.dgn
 DRAWING TYPE: 1A
 STRUCTURE NUMBER:
 SCALE: AS NOTED

**MON/FAYETTE EXPRESSWAY
 SECTION 53B1A
 STATE ROUTE 0043**

DISTRICT: 1 COUNTY: ALLEGHENY
 TOWNSHIP / BOROUGH: WEST MIFFLIN & DRAVOSBURG

**SR 2045 SEC A11 RICHLAND AVE /
 PITTSBURGH MCKEESPORT BLVD
 PROFILE
 STA 815+00.00 TO STA 821+00.00**

DRAWING: OF
 SHEET: OF

Exhibit E – Railroad Crossing Data Form D-4279 and D-4279A

*Mon-Fayette Expressway Project
SR 51 to I-376, Section 53B2
MF-412 S.R. 2045 Pittsburgh-McKeesport Blvd. over MFE*

DATE OF DEPOSIT

NOV 07 2022

**PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU**

D-4279 (12-14)	RAILROAD CROSSING DATA FOR DESIGN	Date: 5/17/19
----------------	--	---------------

LOCATION:

County: Allegheny City, Borough, Township: Dravosburg

Route SR 2045 Section _____ Highway Station 832+87.00 (Pgh-McKeesport Blvd.)

Name of Railroad Union Railroad Company, LLC (URR) Branch Clairton

DOT No. 858975M Railroad Mile Post Between MP11 & MP12

Width RR R/W _____ m; 210 ft.

Does a fiber optics cable occupy RR R/W? Yes No Unknown

Name of Fiber Optic Company Union Railroad Company, LLC

Minimum horizontal clear: (to obstruction): _____ m; (Minimum 12 ft from centerline of track) (To toe of slope) _____ m; _____ (ft)

Minimum vertical clear _____ m; (23 ft. above top of rail)

Number of daily switching movements at crossing -0-

RAIL TRAFFIC:

Number passenger trains daily 0 Max speed _____ km/hr (_____ mph)

Number freight trains daily 12-15 Max speed _____ km/hr (20 mph)

Number main line tracks 2 Electrified N/A

Number branch line tracks 0 Electrified N/A

Number spur or siding tracks 0 Electrified N/A

Can any existing tracks be removed No

Additional track space requested No

Have plans been prepared for additional tracks? N/A

When will tracks be constructed? N/A

Is off track equipment being used? No

Are any toxic chemicals, fuels or wastes being hauled on any of the rail lines? Yes No

REMARKS: Fiber optic lines occupy area between tracks in location.

Union Railroad Company, LLC
Railroad Company
by Greg Bykowski
Name
Civil Engineer IV
Title

D-4279A (12-14)

RAILROAD CROSSING
DATA FOR CONTRACTOR

Date: 5/17/19

PART A - Project Information & Description to be completed by the District

(Instructions: The District is to complete Part A then submit the D-4279A form to the Railroad for completion of Part B of this form. Submission of the D-4279A form to the Railroad should occur during the Final Design phase of the project. Information provided on this form could be used in the preparation of the written agreement between the State and the Railroad Company, if required, that addresses the 12 items as per 23 CFR 646.216 (d) (2))

PROJECT INFORMATION: Project Title: Mon-Fayette Expressway – SR 0043 Section 53B

County Allegheny Municipality Dravosburg

Route/Section SR 2045 Road Name Pittsburgh-McKeesport Blvd.

DOT No. 858975M RR Mile Post _____ Type of Crossing Highway Overpass

MPMS No. _____ ECMS No. _____ PUC Doc. No _____

Project Funding 0 (%) Federal 100* (%) State 0 (%) Local _____

*Pennsylvania Turnpike Commission (PTC)

PROJECT DESCRIPTION: *(This description shall clearly indicate the following: (1) Proposed construction activities; (2) By whom the construction activities will be performed (Contractor or Department forces); (3) If use of railroad property will be required of the Department's contractor, and (4) If construction activities will be contained within existing or proposed temporary construction easements, required right-of-way, or aerial easements.)*

This is for replacement of the bridge carrying Pittsburgh-McKeesport Blvd. over Union Railroad in Dravosburg as part of the Mon-Fayette Expressway project by the Pennsylvania Turnpike Commission. Part-width construction will entail demolition of the existing three-span bridge as well as erection of the proposed single-span bridge and construction of new abutments. These activities will be contained within proposed temporary construction easements, and the new bridge will be located within required right-of-way and aerial easements.

PART B - Information to be completed by Railroad.

(Instructions: The Railroad is to complete Part B of this form and return to the District with any supporting documents for inclusion in the Department's bid contract.)

General Information

Railroad Owner: Transtar, LLC

Railroad Operator: Union Railroad Company, LLC

1. (a) When and under what conditions will the contractor be allowed to work over the tracks or within the track area? Contractor cannot work over the tracks without a URR flagman. Contractor and subcontractor(s) must submit and have approved a certificate of insurance. In addition, they must have a current Temporary Permit issued by the Railroad.
2. (a) Describe the work which will be performed by railroad forces at the job site. URR will provide flagman protection when working above/over URR tracks, within 25 ft. of any tracks, and when deemed necessary by the Railroad. Railroad crossings will be installed by railroad forces.
- (b) How many railroad employees will be assigned to work at the job sites? 1 for flagging. Varies if other

tasks are involved.

3. (a) Will your company permit blasting as a means of demolition of the existing bridge? Yes No

If so, under what constraints? _____

(b) Will your company require a shield be erected over your tracks to protect your property from falling debris during demolition of the bridge? (See below) Yes No

(c) If a shield is required, what vertical clearance from the top of the rail to underside of shield will you require and what design load do you want specified for the shield? Min. 23'-0" above top of rail.
Need for shield to be discussed during Pre-Construction meeting. At min., fire blanket protection is required.

4. What identifying name and/or number would you prefer to be utilized in reference to this project?

Mon-Fayette Expressway-Section 53B-Pittsburgh-McKeesport Blvd. Bridge

5. Is it necessary to move C&S line prior to construction? More information is needed. Yes No

How many working days required for C&S line relocations? _____

Train Movements/Speeds

6. Will temporary track outages be permitted during construction? Yes No
If so, under what conditions? To be determined by the Railroad

7. Will your company agree to restrict train speeds through the project area during construction? Yes No

8. Total Number of current Daily Train Movements and Speed of Trains at crossing.

Number of Passenger Trains -0- Number of Freight Trains 12-15

Number Switching Trains -0- Total Daylight Through Trains (6AM to 6PM) 10

Typical Speed Range (mph) 15-20 mph Maximum Time Table (mph) 20 mph

Watchmen/Flagmen Requirements

9. Will your company require watchmen/flagmen? Yes No
If "Yes" please complete the following.

(a) Is watchmen/flagmen required at all times or just when track is active? Whenever working over/above URR tracks, when within 25' for any tracks or as deemed necessary by URR Engineering personnel.

(b) How much advance notice is required to be provided to your company for scheduling of watchmen/flagmen? 48-hours

(c) What are your company's current costs for protective services? \$80.62/hr. straight time and \$112.26/hr. overtime (rates are subject to change). 24-hour notice is required to cancel a flagman. Failure to cancel within 24 hours will result in a charge for 8 hours of flagging. In addition to flagmen charges, there is a daily vehicle charge (vehicle used by flagman). Depending on type of vehicle, fee varies. Fee is usually \$28.00/day.

(d) In cases where the Department's project only involves state and/or local funding, will you accept payment for protective services directly from the Department's contractor provided the required services are less than 5 working days? Yes No

Railroad Insurance Requirements

10. Is this an operating or non-operating Railroad?

Operating Non-Operating

If a non-operating railroad, do you waive the Railroad Insurance coverage requirements? Yes No

If waived, do you need to be additionally insured on the project general liability insurance? Yes No

11. Does this involve the Right-of-Way of a National Railroad? Yes No

12. List the types of Railroad Insurance coverage and coverage limits required to be obtained by the Contractor:

<u>Coverage Type</u>	<u>Cover Limits</u>
a. Railroad's Protective Public Liability Insurance	<u>See Exhibit A attached</u>
b. Contractor's Public Liability and Property Damage Insurance	<u>See Exhibit A attached</u>
c. Contractor's Protective Public Liability and Property Damage	<u>See Exhibit A attached</u>
d. _____	_____
e. _____	_____

13. If a temporary grade crossing is required, what procedures are necessary to obtain same? *(Explain or attach copy of Railroad procedures.)* Contact Darren Beasock (412-235-1582) in the Maintenance of Way Department. Installation and removal is by URR forces at the contractor's expense. To utilize crossing, a flagman may be required.

14. Describe any special license or permit fees required of the contractor. Permit/Administrative fee of \$600.00. Charged to the primary/general contractor only.

15. Is a Right of Entry Permit/Agreement required to be obtained by the contractor? Yes No

In addition, all subcontractors will need to submit insurance (meeting URR insurance requirements) and obtain a Temporary Permit.

(Completion of this information does not replace or satisfy the requirements outlined in 23 CFR 646.216(e)(2)(iii) pertaining to Railroad property interest.) If "Yes" please complete the following.

(a) Right of Entry Permit Requirements: *(Explain when an Entry Permit is required by the Department's contractor and conditions/restrictions of the permit or attach copy of Railroad procedures.)*

All contractors and subcontractors are required to obtain a Temporary Permit in advance. Refer to blank Entry Permit attached. NOTE: Insurance requirements (Exhibit A) are the last 2 pages of the permit.

(b) Process for obtaining a Right of Entry Permit: *(Explain the process involved for a Department's contractor to obtain an Entry Permit from the Railroad or attach copy of Railroad procedures.)*

Contact C. Connelly at 412-433-7367 at least 4 weeks in advance. Provide site map and description of work to be done along with anticipated start date. Provide list of all subcontractors along with a contact person's name and phone number. Submit a certificate of insurance meeting all requirements listed in Exhibit A for approval and all applicable fees. Provide onsite contact person's name and cell phone number.

(c) Timeframes associates with a Right of Entry Permit: *(Explain Entry Permit processing time lines or attach copy of Railroads procedures.)* Process can take 4-6 weeks.

(d) Costs of a Right of Entry Permit: *(Explain to required fee(s) to accompany Entry Permit.)* Permit fee of \$600.00. Charged to primary/general contractor only. There may be additional costs associated with the permit such as flagging.

Railroad Contact Information

16. Railroad representative for contact by the Department's contractor for insurance requirements.

Name: Cathy Connelly

Address: Transtar, LLC/Union Railroad Company, LLC 1350 Penn Ave., Suite 200, Pittsburgh,
PA 15222

Telephone Number: (412) 433-7367

17. Railroad representative for contact by the Department's contractor for Railroad Protective Services.

Name: Cathy Connelly

Address: Transtar, LLC/Union Railroad Company, LLC, 1350 Penn Ave., Suite 200, Pittsburgh,
PA 15222

Telephone Number: (412) 433-7367

Railroad Specifications/Design Standards

18. Does the Railroad have Standard Special provisions that are to be included with the Department's construction bid contract? Yes No

If "Yes" please indicate where an electronic version can be obtained or attach a copy to this completed form when returned to the District.

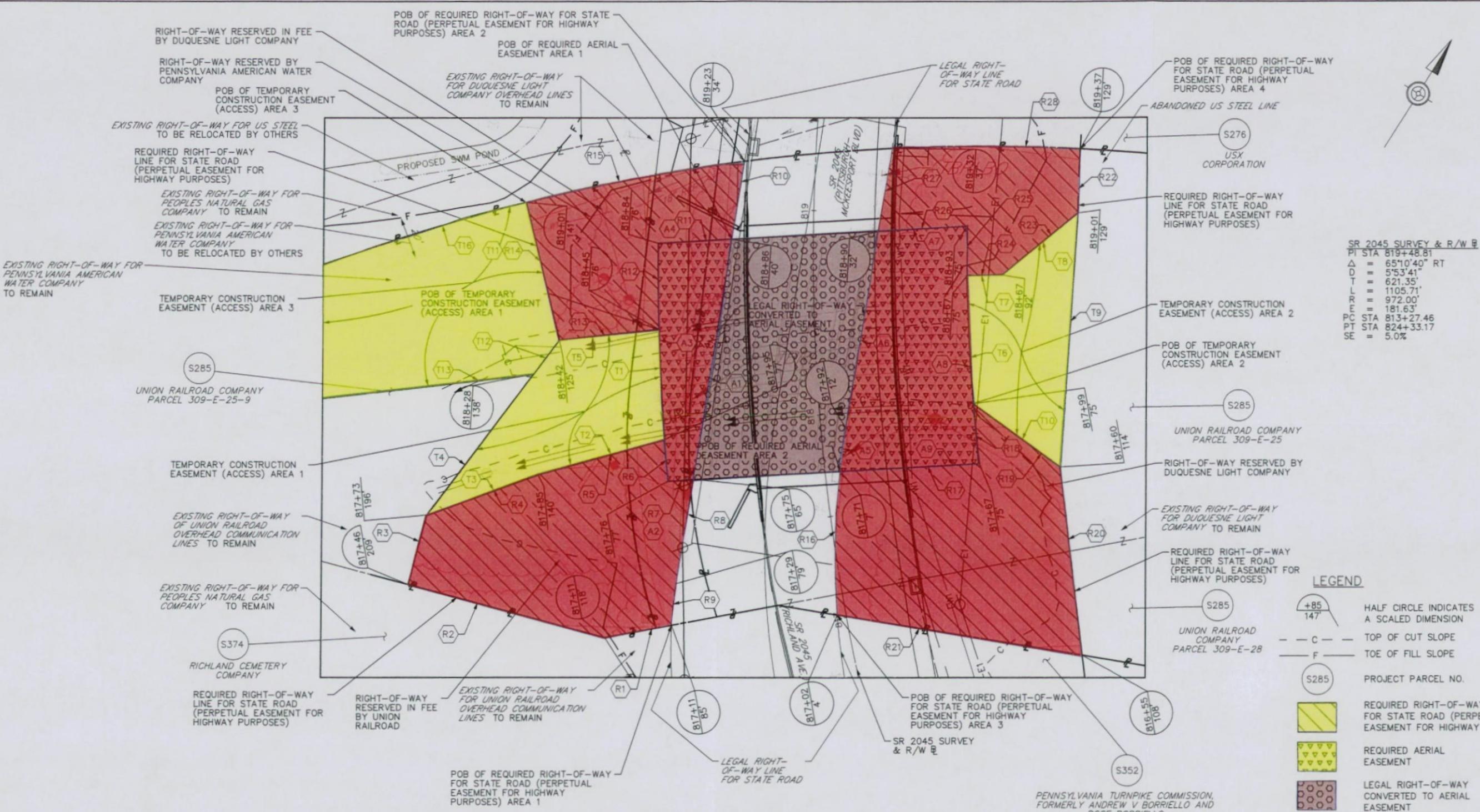
Exhibit F – Right-of-Way Plot Plans R/W 14S285 and R/W 14S290

*Mon-Fayette Expressway Project
SR 51 to I-376, Section 53B2
MF-412 S.R. 2045 Pittsburgh-McKeesport Blvd. over MFE*

DATE OF DEPOSIT

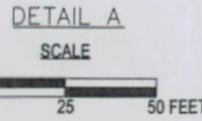
NOV 07 2022

**PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU**



SR 2045 SURVEY & R/W @
 PI STA 819+48.81
 Δ = 65°10'40" RT
 D = 5'53'41"
 T = 621.35'
 L = 1105.71'
 R = 972.00'
 E = 181.63'
 PC STA 813+27.46
 PT STA 824+33.17
 SE = 5.0%

- LEGEND**
- +85
147' HALF CIRCLE INDICATES A SCALED DIMENSION
 - - - C - - - TOP OF CUT SLOPE
 - - - F - - - TOE OF FILL SLOPE
 - S285 PROJECT PARCEL NO.
 - REQUIRED RIGHT-OF-WAY FOR STATE ROAD (PERPETUAL EASEMENT FOR HIGHWAY PURPOSES)
 - REQUIRED AERIAL EASEMENT
 - LEGAL RIGHT-OF-WAY CONVERTED TO AERIAL EASEMENT



S285

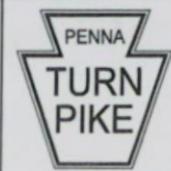
MP M-58.3 TO M-58.5 RT

PTC PROPERTY PLOT PLAN

PLAN NO.: R/W 14S285	
PROPERTY OWNER(S):	GRANTOR(S):
•	GEORGE W. KEPLER, ET UX
TOWNSHIP / BOROUGH: DRAVOSBURG	
COUNTY: ALLEGHENY	DRAWING: 2 OF 4
DISTRICT: 1	SHEET: OF

PREPARED BY:
PENNONI INC.
 FOSTER PLAZA 9
 750 HOLIDAY DRIVE, SUITE 700
 PITTSBURGH, PA 15220

PREPARED FOR:
 THE PENNSYLVANIA
 TURNPIKE COMMISSION

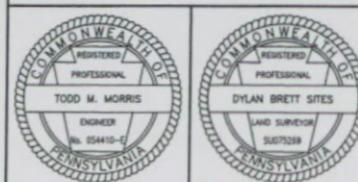


WBS NO.
M-052.50X002-4-02-98-67

NETWORK NUMBER: 6009141
 FILE NAME: 1601RWPt285-2.dgn
 DRAWING TYPE: 3R
 STRUCTURE NUMBER:
 SCALE: AS INDICATED

FOR PROPERTY INFORMATION, REQUIRED AREA CHARTS AND INFORMATION SEE DRAWING 4 OF 4

• UNION RAILROAD COMPANY, FORMERLY MONONGAHELA SOUTHERN RAILROAD COMPANY



MICROSTATION VERSION: MicroStation V8i
 MICROSTATION WORKSPACE: PA_Turnpike - Mon-Foyette Expressway - WO
 FILE: Pennoni-PTC.dwg
 DATE PLOTTED: 2/23/2022 4:54:54 PM
 USER: NAME: dbratt@penncorp OFFICE: LOCATION: Mechanicsburg, Pennsylvania

REQUIRED RIGHT-OF-WAY FOR STATE ROAD (PERPETUAL EASEMENT FOR HIGHWAY PURPOSES) AREA 1		
SIDE	BEARING	LENGTH, FT.
R1	S 47°17'58" W	33.15'
R2	S 72°59'05" W	99.66'
R3	N 17°41'50" W	35.11'
R4	N 37°37'41" E	57.74'
R5	N 42°24'46" E	64.26'
R6	S 37°03'53" E (CHD) ARC/RADIUS	20.50' (CHD) L=20.50', R=1200.00' LT
R7	N 54°40'37" E	12.41'
R8	S 23°09'04" E	51.58'
R9	S 26°04'53" E (CHD) ARC/RADIUS	20.45' (CHD) L=20.45', R=200.00' LT
AREA = 0.206 ACRES		

REQUIRED RIGHT-OF-WAY FOR STATE ROAD (PERPETUAL EASEMENT FOR HIGHWAY PURPOSES) AREA 2		
SIDE	BEARING	LENGTH, FT.
R10	S 23°09'04" E	38.46'
R11	S 54°46'12" W	36.39'
R12	S 32°59'46" E (CHD) ARC/RADIUS	42.06' (CHD) L=42.06', R=1199.98' LT
R13	S 51°39'41" W	48.94'
R14	N 46°09'29" W	69.29'
R15	N 47°15'09" E (CHD) ARC/RADIUS	109.02' (CHD) L=109.08', R=919.02' RT
AREA = 0.127 ACRES		

REQUIRED RIGHT-OF-WAY FOR STATE ROAD (PERPETUAL EASEMENT FOR HIGHWAY PURPOSES) AREA 3		
SIDE	BEARING	LENGTH, FT.
R16	N 31°17'56" W (CHD) ARC/RADIUS	70.20' (CHD) L=70.31', R=366.48' RT
R17	N 54°40'37" E	67.87'
R18	N 38°02'06" W (CHD) ARC/RADIUS	29.53' (CHD) L=29.53', R=897.00' RT
R19	S 86°09'49" E	52.53'
R20	S 38°58'18" E	92.78'
R21	S 67°12'35" W	120.92'
AREA = 0.228 ACRES		

REQUIRED RIGHT-OF-WAY FOR STATE ROAD (PERPETUAL EASEMENT FOR HIGHWAY PURPOSES) AREA 4		
SIDE	BEARING	LENGTH, FT.
R22	S 30°21'47" E (CHD) ARC/RADIUS	31.42' (CHD) L=31.42', R=995.00' RT
R23	S 18°45'06" W	47.72'
R24	S 56°54'53" W	17.00'
R25	N 32°19'02" W (CHD) ARC/RADIUS	24.00' (CHD) L=24.00', R=897.00' RT
R26	S 54°46'11" W	43.29'
R27	N 23°09'04" W	40.87'
R28	N 58°01'01" E (CHD) ARC/RADIUS	91.92' (CHD) L=91.95', R=919.02' RT
AREA = 0.102 ACRES		

TEMPORARY CONSTRUCTION EASEMENT (ACCESS) AREA 1		
SIDE	BEARING	LENGTH, FT.
T1	S 35°17'16" E (CHD) ARC/RADIUS	53.93' (CHD) L=53.93', R=1200.00' LT
T2	S 42°24'46" W	64.26'
T3	S 37°37'41" W	57.74'
T4	N 04°50'40" E	107.22'
T5	N 51°39'41" E	48.94'
AREA = 0.113 ACRES		

TEMPORARY CONSTRUCTION EASEMENT (ACCESS) AREA 2		
SIDE	BEARING	LENGTH, FT.
T6	N 35°05'16" W (CHD) ARC/RADIUS	62.74' (CHD) L=62.75', R=897.00' RT
T7	N 56°54'53" E	17.00'
T8	N 18°45'06" E	47.72'
T9	S 28°18'47" E	124.17'
T10	N 86°09'49" W	52.53'
AREA = 0.098 ACRES		

TEMPORARY CONSTRUCTION EASEMENT (ACCESS) AREA 3		
SIDE	BEARING	LENGTH, FT.
T11	S 46°09'29" E	69.29'
T12	S 04°50'40" W	20.73'
T13	S 51°22'39" W	128.94'
T14	S 23°25'07" W (CHD) ARC/RADIUS	241.25' (CHD) L=242.03', R=874.02' LT
T15	N 86°09'27" W	67.27'
T16	N 30°29'28" E (CHD) ARC/RADIUS	424.74' (CHD) L=428.61', R=919.02' RT
AREA = 0.592 ACRES		

REQUIRED AERIAL EASEMENT AREA 1		
SIDE	BEARING	LENGTH, FT.
A1	S 23°09'04" E	119.06'
A2	S 54°40'37" W	12.41'
A3	N 34°46'23" W (CHD) ARC/RADIUS	116.45' (CHD) L=116.50', R=1200.00' RT
A4	N 54°46'12" E	36.39'
AREA = 0.068 ACRES		

REQUIRED AERIAL EASEMENT AREA 2		
SIDE	BEARING	LENGTH, FT.
A5	N 24°10'33" W (CHD) ARC/RADIUS	20.81' (CHD) L=20.81', R=366.48' RT
A6	N 23°09'04" W	98.06'
A7	N 54°46'11" E	43.29'
A8	S 35°15'52" E (CHD) ARC/RADIUS	116.20' (CHD) L=116.28', R=897.00' LT
A9	S 54°40'37" W	67.87'
AREA = 0.145 ACRES		

S285

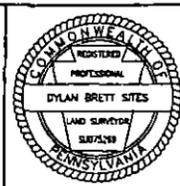
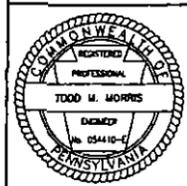
MP M-58.3 TO M-58.5 RT

PTC PROPERTY PLOT PLAN

PLAN NO.: RW 14S285	
PROPERTY OWNER(S):	GRANTOR(S):
•	GEORGE W. KEPLER, ET UX
TOWNSHIP / BOROUGH: DRAVOSBURG BOROUGH	
COUNTY: ALLEGHENY	DRAWING: 4 OF 4
DISTRICT: 1	SHEET: OF

• UNION RAILROAD COMPANY, FORMERLY
MONONGAHELA SOUTHERN RAILROAD
COMPANY

MICROSTATION VERSION: MicroStation V8i
 PLOT TABLE: PENNONI-INC
 PLOT DRIVER: PENNONI-MCP-PTC-FULL-PPR-PLT.CFG
 USER: M01ED-22372027 6/17/04 01:04 PM
 USER: M01ED-22372027 OFFICE LOCATION: Mechanicsburg, Pennsylvania



PREPARED BY:
PENNONI INC.
 FOSTER PLAZA 9
 750 HOLIDAY DRIVE, SUITE 200
 PITTSBURGH, PA 15220
 PREPARED FOR:
**THE PENNSYLVANIA
 TURNPIKE COMMISSION**



WBS NO.	
M-052.50X002-4-02-98-67	
NETWORK NUMBER: 6008141	
FILE NAME: 1601RWpl285-4.dgn	
DRAWING TYPE: 3R	
STRUCTURE NUMBER:	
SCALE: AS INDICATED	



LEGEND

- HALF CIRCLE INDICATES A SCALED DIMENSION
- TOP OF CUT SLOPE
- TOE OF FILL SLOPE
- REQUIRED RIGHT-OF-WAY FOR LIMITED ACCESS
- REQUIRED RIGHT-OF-WAY AREA
- PROJECT PARCEL NO.
- PROPOSED RIGHT-OF-WAY FENCE

2045-43S RAMP SURVEY & R/W @
 PI STA 816+48.19
 $\Delta = 11'56'40''$ RT
 T = 299.41'
 L = 596.64'
 R = 2862.00'
 E = 15.62'
 SE = 4.6%
 PC STA 813+48.79
 PT STA 819+45.43

43N-2045 RAMP SURVEY & R/W @
 PI STA 705+98.65
 $\Delta = 3'27'57''$ RT
 T = 86.59'
 L = 173.12'
 R = 2862.00'
 E = 1.31'
 SE = 4.6%
 PC STA 705+12+07
 PT STA 706+85.19

PREPARED BY:
PENNONI INC.
 FOSTER PLAZA 9
 750 HOLIDAY DRIVE, SUITE 700
 PITTSBURGH, PA 15220
 PREPARED FOR:
THE PENNSYLVANIA TURNPIKE COMMISSION

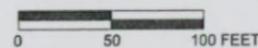


WBS NO.
M-052.50X002-4-02-62
 NETWORK NUMBER: 6009141
 FILE NAME: 1601RWpl290-3.dgn
 DRAWING TYPE: 3R
 STRUCTURE NUMBER:
 SCALE: AS INDICATED

SR 0043 SURVEY & R/W @
 PI STA 1915+84.71
 $\Delta = 7'34'49''$ LT
 T = 384.23'
 L = 767.34'
 R = 5800.00'
 E = 12.71'
 SE = 2.8%
 PC STA 1912+00.48
 PT STA 1919+67.82

DETAIL B

SCALE

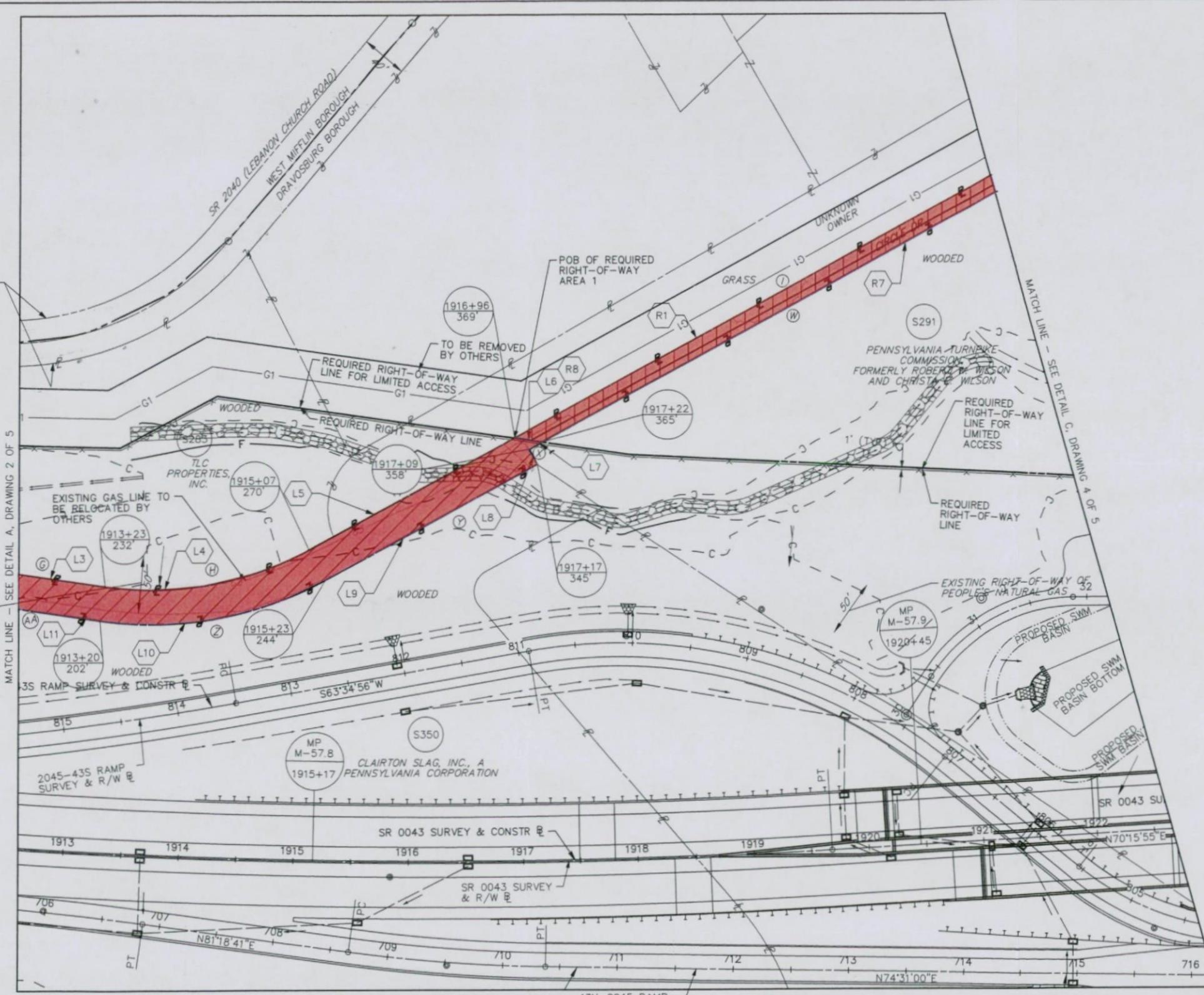


● REVISIONARY INTEREST HELD BY ELMIRA P. RISHER, SARAH C. SNO DRASS, JOHN M. RISHER, STEPHEN S. CRUMP AND MARY J. RISHER, THEIR HEIRS, SUCCESSORS AND ASSIGNS, AS THEIR INTEREST MAY APPEAR.

PTC PROPERTY PLOT PLAN	
PLAN NO.: R/W 148290	
PROPERTY OWNER(S): GLENWOOD AND DRAVOSBURG ELECTRIC	GRANTOR(S):
STREET RAILWAY COMPANY	
TOWNSHIP / BOROUGH: DRAVOSBURG BOROUGH	
COUNTY: ALLEGHENY	DRAWING: 3 OF 5
DISTRICT: 1	SHEET: OF

TOTAL TAKE
MP M-57.6 - M-58.0 LT/RT

S290

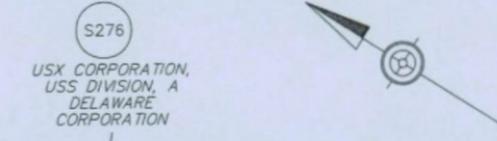
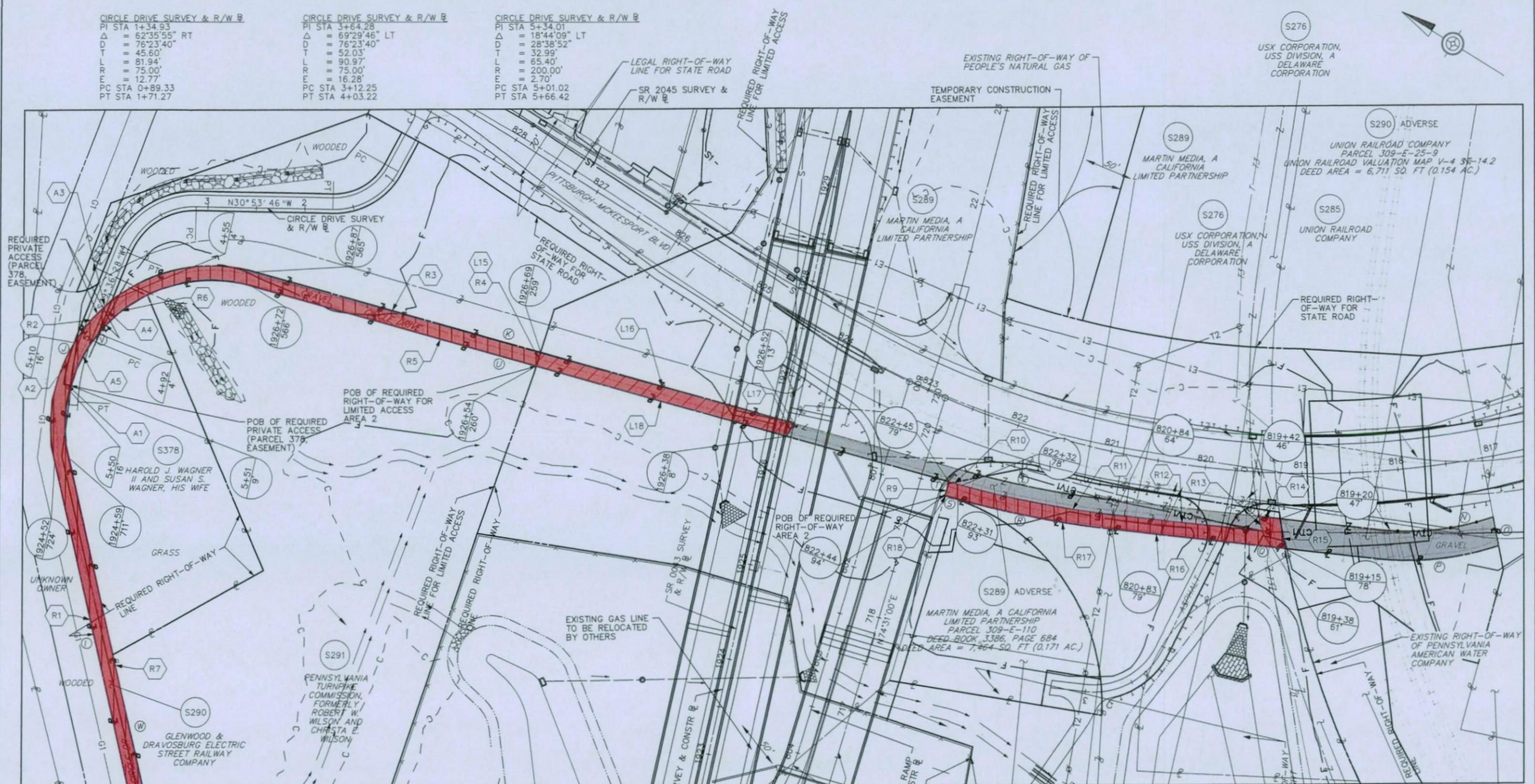


MICROSTATION VERSION: MicroStation V8i
 MICROSTATION WORKSPACE: PA_Lerpak - Mon-Fayette Expressway - W0
 PEN TABLE: pennoni.tbl
 PLOT DRIVER: PENNONI-MCH-PTC-PLT.dwg
 DATE PLOTTED: 1/17/2022 @ 8:44:05 AM
 USER NAME: greg@pennoni.com OFFICE LOCATION: Mechanicsburg, Pennsylvania

CIRCLE DRIVE SURVEY & R/W B
 PI STA 1+34.93
 Δ = 62°35'55" RT
 DT = 76°23'40"
 L = 45.60'
 R = 81.94'
 F = 75.00'
 E = 12.77'
 PC STA 0+89.33
 PT STA 1+71.27

CIRCLE DRIVE SURVEY & R/W B
 PI STA 3+64.28
 Δ = 69°29'46" LT
 DT = 76°23'40"
 L = 52.03'
 R = 90.97'
 F = 75.00'
 E = 16.28'
 PC STA 3+12.25
 PT STA 4+03.22

CIRCLE DRIVE SURVEY & R/W B
 PI STA 5+34.01
 Δ = 18°44'09" LT
 DT = 28°38'52"
 L = 32.99'
 R = 65.40'
 F = 200.00'
 E = 2.70'
 PC STA 5+01.02
 PT STA 5+66.42



LEGEND

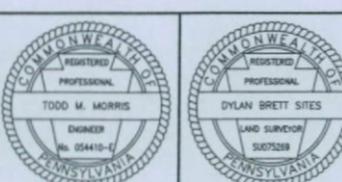
- ⊕85
147 HALF CIRCLE INDICATES A SCALED DIMENSION
- C --- TOP OF CUT SLOPE
- F --- TOE OF FILL SLOPE
- ▨ REQUIRED RIGHT-OF-WAY FOR LIMITED ACCESS
- ▨ REQUIRED RIGHT-OF-WAY AREA
- S290 PROJECT PARCEL NO.
- ▨ EXCEPTION/ADVERSE

DETAIL C

SCALE 0 50 100 FEET

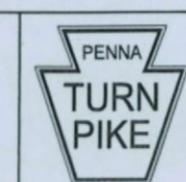
FOR REQUIRED AREA CHARTS AND INFORMATION, SEE DRAWING 5 OF 5.

● REVISIONARY INTEREST HELD BY ELMIRA P. RISHER, SARAH C. SNODRASS, JOHN M. RISHER, STEPHEN S. CRUMP AND MARY J. RISHER, THEIR HEIRS, SUCCESSORS AND ASSIGNS, AS THEIR INTEREST MAY APPEAR.



PREPARED BY:
PENNONI INC.
 FOSTER PLAZA 9
 750 HOLIDAY DRIVE, SUITE 700
 PITTSBURGH, PA 15220

PREPARED FOR:
 THE PENNSYLVANIA
 TURNPIKE COMMISSION



WBS NO.
M-052.50X002-4-02-62

NETWORK NUMBER: 6009141
 FILE NAME: 1601RWpl290-4.dgn
 DRAWING TYPE: 3R
 STRUCTURE NUMBER:
 SCALE: AS INDICATED

S290

TOTAL TAKE
MP M-57.6 - M-58.0 LT/RT

PTC PROPERTY PLOT PLAN	
PLAN NO.: RW 14S290	
PROPERTY OWNER(S): GLENWOOD AND DRAVOSBURG ELECTRIC STREET RAILWAY COMPANY	GRANTOR(S):
TOWNSHIP / BOROUGH: DRAVOSBURG BOROUGH	
COUNTY: ALLEGHENY	DRAWING: 4 OF 5
DISTRICT: 1	SHEET: OF

MICROSTATION VERSION: MicroStation V8i
 MICROSTATION WORKSPACE: EPA Turpack - Mon Fayette Expressway - WO
 PEN TABLE: pennoni-pts.tbl
 PLOT DRIVER: PENNONI-MCH-PTG-FULL-PTG-PLT.GTG
 USER: m. morris
 USER HOME: altertenn@penncorp.com OFFICE: LOCATION: Mechanicsburg, Pennsylvania

MOSAIC DESCRIPTION ▲				
SIDE	BEARING	DISTANCE	RADIUS	ARC LENGTH
(A)	N 82°19'07" E	45.63'	-	-
(B)	S 62°47'31" E	-	395.00'	52.03'
(C)	S 66°33'56" E	258.71'	-	-
(D)	S 71°17'35" E	-	766.04'	130.74'
(E)	S 76°10'56" E	204.24'	-	-
(F)	S 87°05'52" E	-	453.09'	172.64'
(G)	N 81°59'12" E	388.20'	-	-
(H)	N 63°28'08" E	-	283.58'	183.30'
(I)	N 44°57'04" E	1020.95'	-	-
(J)	S 75°39'26" E	-	165.00'	342.07'
(K)	S 16°15'56" E	763.56'	-	-
(L)	S 20°52'53" E	-	975.70'	157.26'
(M)	S 25°29'56" E	276.89'	-	-
(N)	S 38°13'10" E	-	268.85'	119.38'
(O)	S 47°17'58" W	30.28'	-	-
(P)	N 37°48'12" W	-	298.85'	128.36'
(Q)	N 25°29'56" W	276.89'	-	-
(R)	S 20°52'53" E	-	1005.70'	162.10'
(S)	N 16°15'56" W	13.97'	-	-
(T)	N 73°50'16" E	15.00'	-	-
(U)	N 16°15'56" W	749.62'	-	-
(V)	N 75°39'26" W	-	150.00'	310.97'
(W)	S 44°57'04" W	811.21'	-	-
(X)	S 45°02'55" E	15.00'	-	-
(Y)	S 44°57'04" W	209.74'	-	-
(Z)	S 63°28'08" W	-	313.58'	202.70'
(AA)	S 81°59'12" W	388.20'	-	-
(AB)	N 87°05'52" W	-	483.09'	184.07'
(AC)	N 76°10'56" W	204.24'	-	-
(AD)	N 71°17'35" W	-	796.04'	135.86'
(AE)	N 66°33'56" W	258.63'	-	-
(AF)	N 60°23'15" W	-	425.00'	91.65'

CALCULATED AREA = 2.173 AC

▲ THE VESTING DEED'S DESCRIPTION IS INDEFINABLE. PROPERTY LINES SHOWN HEREON WERE DEVELOPED FROM ALLEGHENY COUNTY TAX RECORDS AND ADJOINING DEEDS.

REQUIRED RIGHT-OF-WAY FOR LIMITED ACCESS AREA 1		
SIDE	BEARING	LENGTH, FT.
(L1)	S 76°10'56" E	44.23'
(L2)	S 87°05'52" E (CHD) ARC/RADIUS	171.60' (CHD) L=172.64', R=453.09' LT
(L3)	N 81°59'12" E	388.20'
(L4)	N 63°28'08" E (CHD) ARC/RADIUS	180.13' (CHD) L=183.30', R=283.58' LT
(L5)	N 44°57'04" E	203.13'
(L6)	N 81°46'39" E	25.03'
(L7)	S 44°57'04" W	13.43'
(L8)	S 45°02'55" E	15.00'
(L9)	S 44°57'04" W	209.74'
(L10)	S 63°28'08" W (CHD) ARC/RADIUS	199.19' (CHD) L=202.70', R=313.58' RT
(L11)	S 81°59'12" W	388.20'
(L12)	N 87°05'52" W (CHD) ARC/RADIUS	182.96' (CHD) L=184.07', R=483.09' RT
(L13)	N 76°10'56" W	98.76'
(L14)	N 75°00'00" E	62.24'

AREA = 0.718 ACRES

REQUIRED RIGHT-OF-WAY FOR LIMITED ACCESS AREA 2		
SIDE	BEARING	LENGTH, FT.
(L15)	N 75°21'38" E	15.01'
(L16)	S 16°15'56" E	272.60'
(L17)	S 88°11'56" W	15.49'
(L18)	N 16°15'56" W	269.16'

AREA = 0.093 ACRES

REQUIRED RIGHT-OF-WAY AREA 1		
SIDE	BEARING	LENGTH, FT.
(R1)	N 44°57'04" E	817.82'
(R2)	S 75°39'26" E (CHD) ARC/RADIUS	284.02' (CHD) L=342.07', R=165.00' RT
(R3)	S 16°15'56" E	306.50'
(R4)	S 75°21'38" W	15.01'
(R5)	N 16°15'56" W	306.08'
(R6)	N 75°39'26" W (CHD) ARC/RADIUS	258.20' (CHD) L=310.97', R=150.00' LT
(R7)	S 44°57'04" W	797.79'
(R8)	S 81°46'39" W	25.03'

AREA = 0.496 ACRES

CONTAINS 0.025 ACRES OF REQUIRED PRIVATE ACCESS

REQUIRED RIGHT-OF-WAY AREA 2		
SIDE	BEARING	LENGTH, FT.
(R9)	N 73°50'16" E	15.00'
(R10)	S 16°15'56" E	13.95'
(R11)	S 20°52'53" E (CHD) ARC/RADIUS	159.51' (CHD) L=159.68', R=990.70' LT
(R12)	S 25°29'56" E	155.16'
(R13)	N 46°52'01" E (CHD) ARC/RADIUS	15.74' (CHD) L=15.74', R=551.68' LT
(R14)	S 25°29'56" E	22.56'
(R15)	S 48°51'34" W (CHD) ARC/RADIUS	31.15' (CHD) L=31.16', R=919.02' LT
(R16)	N 25°29'56" W	181.36'
(R17)	N 20°52'53" W (CHD) ARC/RADIUS	161.92' (CHD) L=162.10', R=1005.70' RT
(R18)	N 16°15'56" W	13.97'

AREA = 0.130 ACRES

REQUIRED RIGHT-OF-WAY AREA 3		
SIDE	BEARING	LENGTH, FT.
(R19)	N 82°18'55" E	45.62'
(R20)	S 62°47'29" E (CHD) ARC/RADIUS	52.00' (CHD) L=52.04', R=395.00' LT
(R21)	S 66°33'56" E	256.37'
(R22)	S 71°12'21" E (CHD) ARC/RADIUS	132.90' (CHD) L=133.07', R=766.04' LT
(R23)	S 76°10'56" E	160.00'
(R24)	S 75°00'00" W	62.24'
(R25)	N 76°10'56" W	105.47'
(R26)	N 71°17'35" W (CHD) ARC/RADIUS	135.70' (CHD) L=135.86', R=796.04' RT
(R27)	N 56°33'48" W	258.61'
(R28)	N 60°23'15" W (CHD) ARC/RADIUS	91.48' (CHD) L=91.65', R=425.00' RT

AREA = 0.411 ACRES

CONTAINS 0.003 ACRES OF LEGAL RIGHT-OF-WAY FOR SR 2040 (LEBANON CHURCH ROAD).

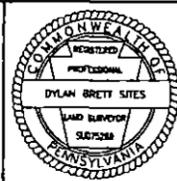
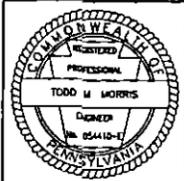
REQUIRED PRIVATE ACCESS (PARCEL 378, EASEMENT)		
SIDE	BEARING	LENGTH, FT.
(A1)	N 20°17'16" W	7.49'
(A2)	N 71°13'18" E (CHD) ARC/RADIUS	43.17' (CHD) L=43.24', R=216.00' RT
(A3)	S 80°54'01" E (CHD) ARC/RADIUS	59.25' (CHD) L=59.57', R=165.00' RT
(A4)	S 79°36'28" W	37.22'
(A5)	S 85°24'22" W (CHD) ARC/RADIUS	60.36' (CHD) L=60.77', R=150.00' LT

AREA = 0.025 ACRES

S290

TOTAL TAKE
MP M-57.6 - M-58.0 LT/RT

MICROSTATION VERSION: MicroStation V8i
 MICROSTATION WORKSPACE: I:\A_Turnpike - Mon-Fayette Expressway - W0
 PEN TABLE: Pennoni.dwg
 PLOT DRIVER: PENNONI-MCH-PTC-FULL-PLT-PLT.GTG
 PLOT FILE: I:\A_Turnpike - Mon-Fayette Expressway - W0 - 24-38 PLT
 PLOT DATE: 11/17/2022 9:24:38 PM
 USER: Matt.Carter@pennoni.com OFFICE: LOCATION: Uniontown, Pennsylvania



PREPARED BY:
PENNONI INC.
 FOSTER PLAZA 9
 750 HOLIDAY DRIVE, SUITE 700
 PITTSBURGH, PA 15220
 PREPARED FOR:
 THE PENNSYLVANIA
 TURNPIKE COMMISSION



WBS NO.
M-052.50X002-4-02-62
 NETWORK NUMBER: 6009141
 FILE NAME: 1601RWpl290-5.dgn
 DRAWING TYPE: 3R
 STRUCTURE NUMBER:
 SCALE: AS INDICATED

● REVISIONARY INTEREST HELD BY ELMIRA P. RISHER, SARAH C. SNODRASS, JOHN M. RISHER, STEPHEN S. CRUMP AND MARY J. RISHER, THEIR HEIRS, SUCCESSORS AND ASSIGNS, AS THEIR INTEREST MAY APPEAR.

PTC PROPERTY PLOT PLAN	
PLAN NO.: RAW 14S290	
PROPERTY OWNER(S): GLENWOOD AND DRAVOSBURG ELECTRIC	GRANTOR(S): ●
STREET RAILWAY COMPANY	
TOWNSHIP / BOROUGH: DRAVOSBURG BOROUGH	
COUNTY: ALLEGHENY	DRAWING: 5 OF 5
DISTRICT: 1	SHEET: OF

**BEFORE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Pennsylvania Turnpike Commission (PTC) for approval to replace an above grade public crossing by the installation of a single-span steel girder bridge where S.R. 2045 (Pittsburgh-McKeesport Blvd.) crosses Union Railroad Company's (URR's) Clairton Branch; PTC will fund the bridge replacement, but PennDOT will own and maintain the overhead bridge located in the Borough of Dravosburg, Allegheny County, Pennsylvania.

Application
Docket No. _____

DATE OF DEPOSIT

NOV 07 2022

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

VERIFICATION

I, Kevin W. Scheurich, P.E., Assistant Chief Engineer – Design, hereby state that the facts above set forth are true 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: 11/2/22_____

Kevin W. Scheurich

Kevin W. Scheurich, P.E.
Assistant Chief Engineer – Design

**BEFORE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Pennsylvania Turnpike Commission (PTC) for approval to replace an above grade public crossing by the installation of a single-span steel girder bridge where S.R. 2045 (Pittsburgh-McKeesport Blvd.) crosses Union Railroad Company's (URR's) Clairton Branch; PTC will fund the bridge replacement, but PennDOT will own and maintain the overhead bridge located in the Borough of Dravosburg, Allegheny County, Pennsylvania.

Application
Docket No. _____

DATE OF DEPOSIT

NOV 07, 2022

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

CERTIFICATION OF SERVICE

I, Kevin W. Scheurich, P.E., Assistant Chief Engineer – Design, hereby certify that on the date listed below a true and correct copy of the within application was served upon the following parties by first class mail, postage prepaid at Harrisburg, Pennsylvania.

Mr. Philip Mutunga, P.E.
Pennsylvania Department of Transportation,
Engineering District 11-0
45 Thoms Run Road
Bridgeville, PA 15017
pmutunga@pa.gov

Mr. Stephen G. Shanley, P.E., Director
Allegheny County Department of Public
Works
501 County Office Building
542 Forbes Avenue
Pittsburgh, PA 15219
Stephen.Shanley@AlleghenyCounty.US

Mr. Shane Szalankiewicz, P.E.
District Bridge Engineer
PENNDOT District 11
45 Thoms Run Road
Bridgeville, PA 15017
sszalankie@pa.gov

Mr. Kevin McKelvey
Mayor
Borough of Dravosburg
226 Maple Avenue
Dravosburg, PA 15034
dravoadmin@comcast.net

Ms. Michele Acitelli, P.E.
District Utility and Grade Crossing Manager
PENNDOT District 11-0
45 Thoms Run Road
Bridgeville PA 15017
miaacitelli@pa.gov

Mr. Chuck Rampala
Port Authority of Allegheny County
345 Sixth Ave, 3rd Floor
Pittsburgh, PA 15222
CRompala@PortAuthority.org

Mr. Daniel D. Leonard, P.E., Acting Chief
Utilities and Right of Way Section
Pennsylvania Department of Transportation
P.O. Box 3362
Harrisburg, PA 17105-3362
DANLEONARD@pa.gov

Mr. Jeff Guido
Verizon
508 Old Frankstown Rd
Monroeville, PA 15146
jeffrey.d.guido@verizon.com

Mr. David Schade
Comcast
1241 Business Route 66
Greensburg, PA 15601
david_schade@comcast.com

Mr. Adam Nulph
DQE Communications LLC
SouthSide Works
424 South 27th Street, Suite 220
Pittsburgh, PA, 15203
acnulph@dqe.com

Mr. Caleb Hillegass
Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
Caleb.Hillegass@crowncastle.com

Mr. Derreck Almasi
Duquesne Light Company
2825 New Beaver Avenue
Pittsburgh, PA 15233
Dalmasi@duqlight.com

Mr. Robert Gault
Duquesne Light Company
(Telecommunications)
2841 New Beaver Avenue
Pittsburgh, PA 15233
RGault@duqlight.com

Gary M. Baird
PNG Contract Engineer
Lennon, Smith, Souleret Engineering Inc.
4536 Route 136, Suite 1
Greensburg, PA 15601
gary.baird@peoples-gas.com

Todd Coen
Peoples Natural Gas Company
600 Poplar Street
Etna, PA 15223
Todd.Coen@peoples-gas.com

Mr. Daniel Haught, P.E.
PA American Water
300 Galley Road
McMurray, PA 15317
daniel.c.haught@amwater.com

Ms. Morgan E. Castle
PA American Water
300 Galley Road
McMurray, PA 15317
morgan.castle@amwater.com

Mr. Greg Bykowski, P.E.
Transtar, LLC
Union Railroad Company
819 Duquesne Blvd.
Duquesne, PA 15110
GBykowski@transtarrail.com

Mr. Ray Boronyak
United States Steel Corporation
400 State Street
Clairton, PA 15025
RBoronyak@uss.com

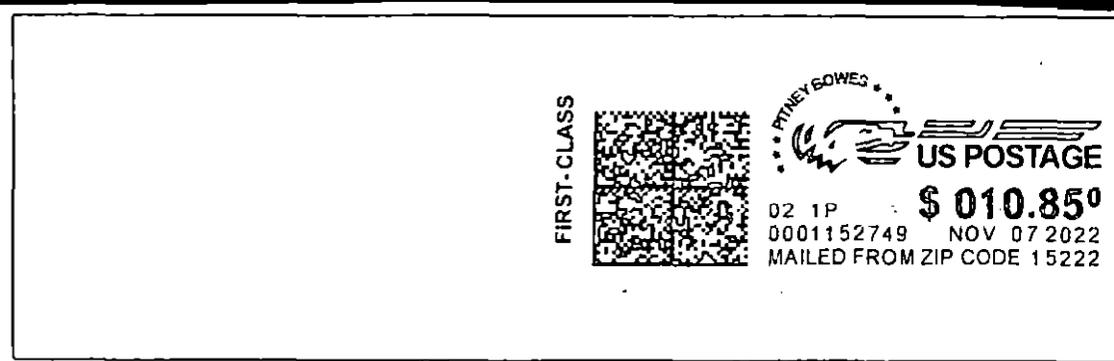
Mr. Mark Wilson
United States Steel Corporation
Curry Hollow Mixing Station
602 Helena St.
West Mifflin, PA 15122
markwilson@uss.com

Dated this 2nd day of November, 2022

Kevin W. Scheurich

Kevin W. Scheurich, P.E.
Assistant Chief Engineer – Design

Pennsylvania Turnpike Commission
C/O HDR Engineering
301 Grant Street, Suite 1700
Pittsburgh, PA 15219



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

RECEIVED

NOV 09 2022

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU