



Pennsylvania
Department of Transportation

November 26, 2025

Matthew Homsher, Secretary
Pennsylvania Public Utility Commission
400 North Street
Harrisburg, PA 17120

Re: Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to replace the existing bridge where State Route 2005 crosses above the tracks of Luzerne County Redevelopment Authority, operated thereon by the Luzerne and Susquehanna Railway Company, DOT Number 361 582 C in the City of Wilkes-Barre, Luzerne County and the allocation of costs incident thereto.

Dear Secretary Homsher,

Enclosed for filing, please find the Application of the Department of Transportation.

A copy of this Application and Exhibits has been served upon the parties in the Certificate of Service to the Application.

Sincerely,

A handwritten signature in cursive script that reads "John E. Pfeiffer".

John E. Pfeiffer, District Grade Crossing Engineer
Engineering District 4-0
Department of Transportation

Attachments

cc: Parties of Record

M. J. Chappell, P.E., Chief, Right-of-Way, Utilities and Grade Crossing Division
K. L. Cummings, Senior Counsel, Office of Chief Counsel
W. M. Sinick, P.E., Rail Safety Engineering Section, PUC

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to replace the existing bridge where State Route 2005 crosses above the tracks of Luzerne County Redevelopment Authority, operated thereon by the Luzerne and Susquehanna Railway Company, DOT Number 361 582 C in the City of Wilkes-Barre, Luzerne County and the allocation of costs incident thereto.

Application


Docket No. _____

Electronically Filed

VERIFICATION

I, John E. Pfeiffer, District Grade Crossing Engineer, hereby state that the facts above set forth are true and correct to the best of my knowledge, information, and belief and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. §4904 (relating to unsworn falsification to authorities).

Date: 11/26/2025



John E. Pfeiffer
Grade Crossing Engineer
District 4-0

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PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to replace the existing bridge where State Route 2005 crosses above the tracks of Luzerne County Redevelopment Authority, operated thereon by the Luzerne and Susquehanna Railway Company, DOT Number 361 582 C in the City of Wilkes-Barre, Luzerne County and the allocation of costs incident thereto.

Application
Docket No. _____

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CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true copy of the foregoing document upon the participants listed below, in accordance with the requirements of 52 Pa. Code § 1.54, by electronic mail:

Margaret M. Thomas, Director
Redevelopment Authority of Luzerne County
16 Luzerne Avenue – Suite #210
West Pittston, PA 18643
margie.thomas@lcredauth.org

Tom Clark, Project Coordinator
R. J. Corman Railroad Company – Luzerne and Susquehanna Line
25 Delphine St.
Owego, NY 13827
Tom.Clark@RJCorman.com

John Lombardo, President
Luzerne County Courthouse
200 North River Street
Wilkes-Barre, PA 18711
john.lombardo@luzernecounty.org

Tony Brooks, President
Wilkes-Barre City Hall
40 East Market Street
Wilkes-Barre, PA 18711
wbarrett@wilkes-barre.pa.us


Charles McCormick, Manager
Wilkes-Barre City Hall
40 East Market Street
Wilkes-Barre, PA 18711
cmccormick@wilkes-barre.pa.us

Charlotte Krupa
PPL
2 North Ninth Street
Allentown PA 18101-1179
cakrupa@pplweb.com

Richard Dudek, P.E.
PA American Water
2699 Stafford Avenue
Scranton, PA 18505
Richard.Dudek@amwater.com

Eugene Donnelly
UGI Utilitites, Inc.
One UGI Center
Wilkes Barre, PA 18711
edonnelly@ugi.com

Dated this 26th Day of November 2025



John E. Pfeiffer
55 Keystone Industrial Park
Dunmore, PA 18512
570-963-4995
jopfeiffer@pa.gov

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to replace the existing bridge where State Route 2005 crosses above the tracks of Luzerne County Redevelopment Authority, operated thereon by the Luzerne and Susquehanna Railway Company, DOT Number 361 582 C in the City of Wilkes-Barre, Luzerne County and the allocation of costs incident thereto.

Application
Docket No. _____

Electronically Filed

APPLICATION OF THE COMMONWEALTH OF PENNSYLVANIA, DEPARTMENT OF
TRANSPORTATION

Applicant, Commonwealth of Pennsylvania, Department of Transportation, files this Application pursuant to the provisions of 66 Pa.C.S § 2702 and 52 Pa. Code § 5.13 for the alteration of the public above grade crossing where SR 2005 crosses the tracks of Luzerne County Development Authority, operated thereon by the Luzerne and Susquehanna Railway Company, at DOT Number 361 582 C in the City of Wilkes-Barre, Luzerne County as described below:

1. The name and address of Applicant are Commonwealth of Pennsylvania, Department of Transportation, Susan D. Hazelton, P.E., Assistant District Executive, Engineering District 4-0, 55 Keystone Industrial Park, Dunmore, PA 18512.

2. The name and address of attorney for the Applicant are Karen Cummings, Senior Counsel, Commonwealth of Pennsylvania, Department of Transportation, Office of Chief Counsel, PO Box 8212, Harrisburg, PA 17105-8212.

3. The Applicant is an agency of Commonwealth of Pennsylvania, organized and existing under the Administrative Code of 1929, 71 P.S. § 511, et seq. and generally 36 P.S. § 670 - 401 et seq.

4. 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. In addition to those served, the Applicant requests that the following also receive service of all documents in this matter:

Mark J. Chappell, P.E., Chief
Right of Way, Utilities and Grade Crossing Division
Pennsylvania Department of Transportation
PO Box 3362
Harrisburg, PA 17105-3362
marchappel@pa.gov

Karen L. Cummings, Senior Counsel
Counsel for Applicant
Office of Chief of Counsel
Pennsylvania Department of Transportation
PO Box 8212
Harrisburg, PA 17105-8212
kcummings@pa.gov

5. The Applicant is seeking approval to replace the superstructure of the existing bridge carrying State Route 2005, Segment 0030, Offset 0825, over the track(s) of the Luzerne County Redevelopment Authority, operated thereon by the Luzerne and Susquehanna Railway Company, at RR MP 0174.52. A Location Map is attached hereto and marked as Exhibit "A". A copy of the Type, Size, and Location Plans is attached hereto and marked as Exhibit "B".

6. The Applicant is aware of a prior Public Utility Commission order for this crossing at Docket Number(s): C-00017721.

7. The average daily traffic for State Route 2005 is 9912 vehicles with 3% trucks.

8. The estimated total cost for the project subject to the application and described above is \$2,000,000.00. It is anticipated that the funding for the project will be federal funds and state funds.

9. This project is necessary and proper for the safety and convenience of the public.

10. A conference of all parties of interest should be held to discuss the proposed alteration.

Wherefore, Applicant respectfully requests that the Public Utility Commission approve this application:

Respectfully Submitted:

For  2025.11.14 10:09:42
-05'00'

Susan Hazelton, P.E.
Assistant District Executive
Engineering District 4-0
Department of Transportation
55 Keystone Industrial Park Road
Dunmore, PA 18512
Phone (570) 963-4061
Fax (570) 963-4245
email address: shazelton@pa.gov

Dated: 11/14/2025

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	2005	PRS R/W	5 OF 11
CITY OF WILKES-BARRE				
REV NO	REVISIONS			DATE BY

PROPOSED STRUCTURE DATA

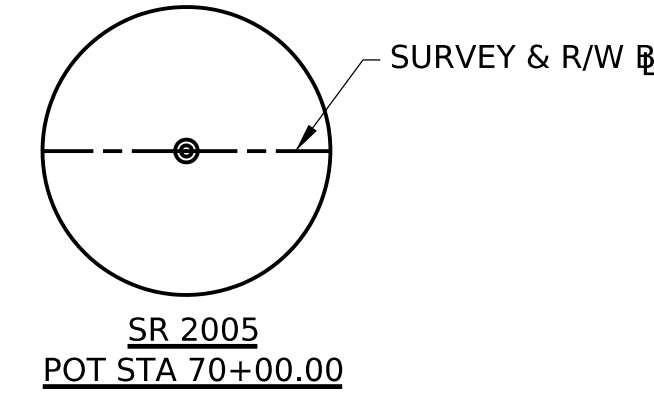
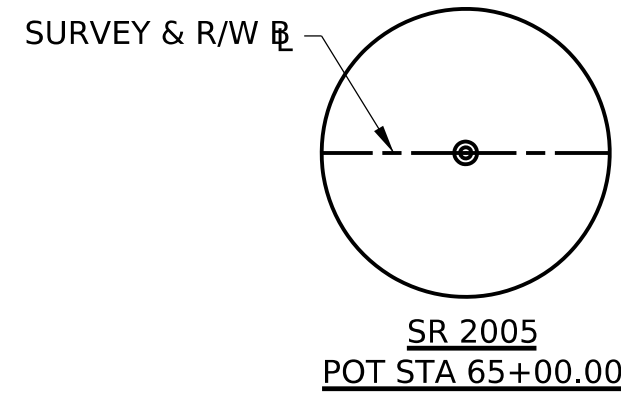
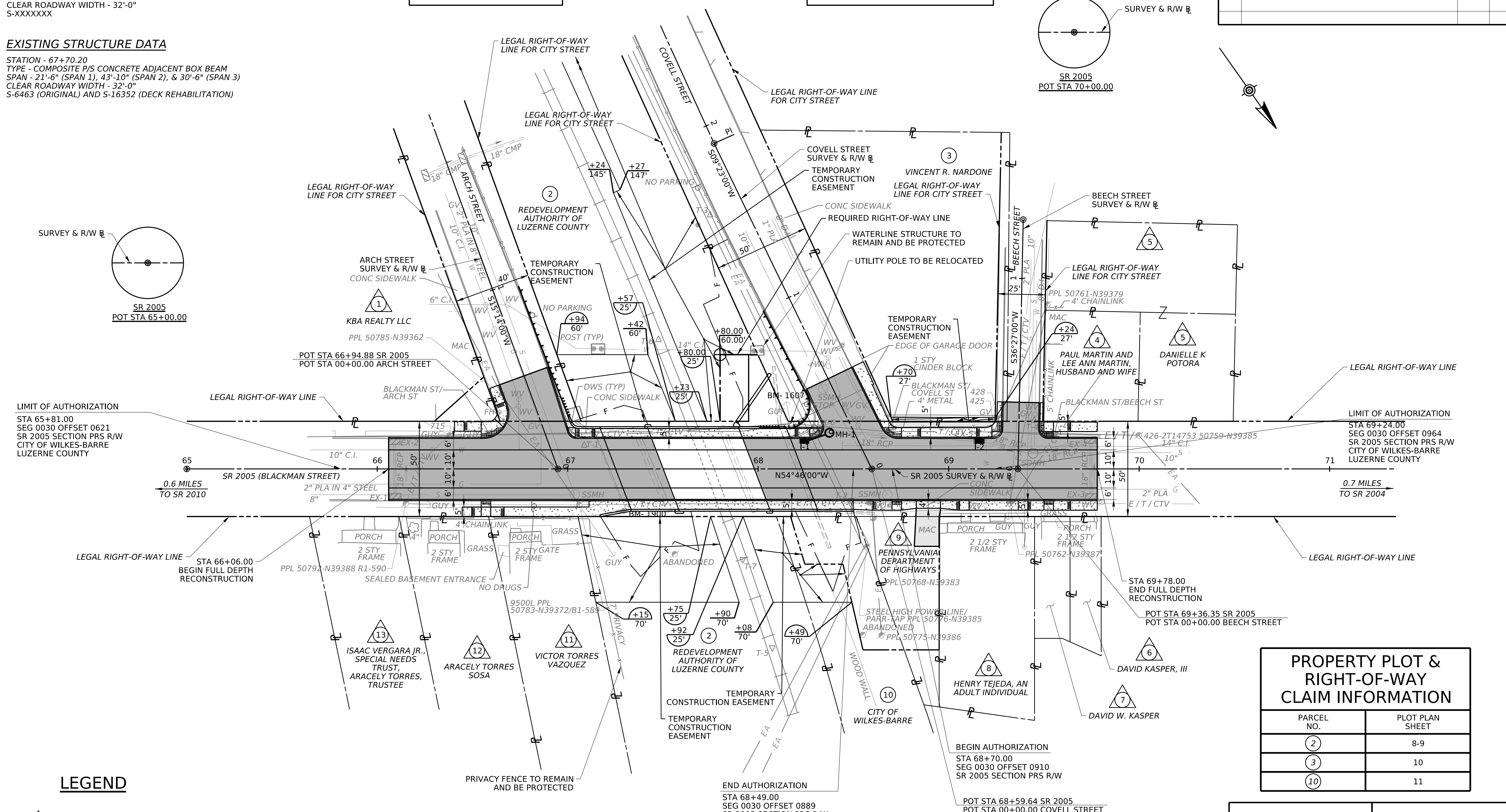
STATION - 67+74.07
 TYPE - COMPOSITE P/S CONCRETE ADJACENT BOX BEAM
 SPAN - 45'-0"
 CLEAR ROADWAY WIDTH - 32'-0"
 S-XXXXXX

EXISTING STRUCTURE DATA

STATION - 67+70.20
 TYPE - COMPOSITE P/S CONCRETE ADJACENT BOX BEAM
 SPAN - 21'-6" (SPAN 1), 43'-10" (SPAN 2), & 30'-6" (SPAN 3)
 CLEAR ROADWAY WIDTH - 32'-0"
 S-6463 (ORIGINAL) AND S-16352 (DECK REHABILITATION)

BM- 1900 ELEV 577.13
 22.05' RT, SR 2005 STA 67+29.63
 BRIDGE DISK

BM- 1607 ELEV 572.96
 37.71' LT, SR 2005 STA 68+25.52
 L-CUT ON CORNER OF CONC. STRUCTURE



LIMIT OF AUTHORIZATION
 STA 65+81.00
 SEG 0030 OFFSET 0621
 SR 2005 SECTION PRS R/W
 CITY OF WILKES-BARRE
 LUZERNE COUNTY

LIMIT OF AUTHORIZATION
 STA 69+24.00
 SEG 0030 OFFSET 0964
 SR 2005 SECTION PRS R/W
 CITY OF WILKES-BARRE
 LUZERNE COUNTY

PROPERTY PLOT & RIGHT-OF-WAY CLAIM INFORMATION

PARCEL NO.	PLOT PLAN SHEET
2	8-9
3	10
10	11

LEGEND

- PARCEL IDENTIFICATION NUMBER-NO TAKE
- PARCEL IDENTIFICATION NUMBER
- DRIVEWAY ADJUSTMENT/ASPHALT TIE-IN
- PROPOSED FULL DEPTH RECONSTRUCTION
- CONCRETE SIDEWALK
- PROPOSED RIGHT-OF-WAY MONUMENT LOCATION

TEMPORARY CONSTRUCTION EASEMENT. AN EASEMENT TO USE THE LAND AS NECESSARY DURING CONSTRUCTION OF THE PROJECT. THE EASEMENT IS REQUIRED ONLY UNTIL THE CONSTRUCTION OR WORK INDICATED BY THE PLAN IS COMPLETED, UNLESS SOONER RELINQUISHED IN WRITING BY THE DEPARTMENT.

PRIVATE PROPERTY LINES ARE PLOTTED FROM THE DEED OF RECORD, RECORDED SUBDIVISION OR LOT PLANS, EXISTING TOPOGRAPHICAL FEATURES AND LIMITED FIELD DATA. PRIVATE PROPERTY LINES WERE NOT SURVEYED BY THE PROFESSIONAL LAND SURVEYOR RESPONSIBLE FOR THIS PROJECT.

THIS PLAN IS NOT TO BE SUBSTITUTED FOR A BOUNDARY SURVEY.

SCALE

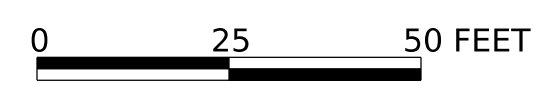


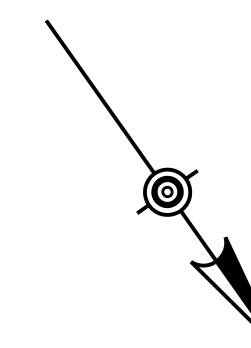
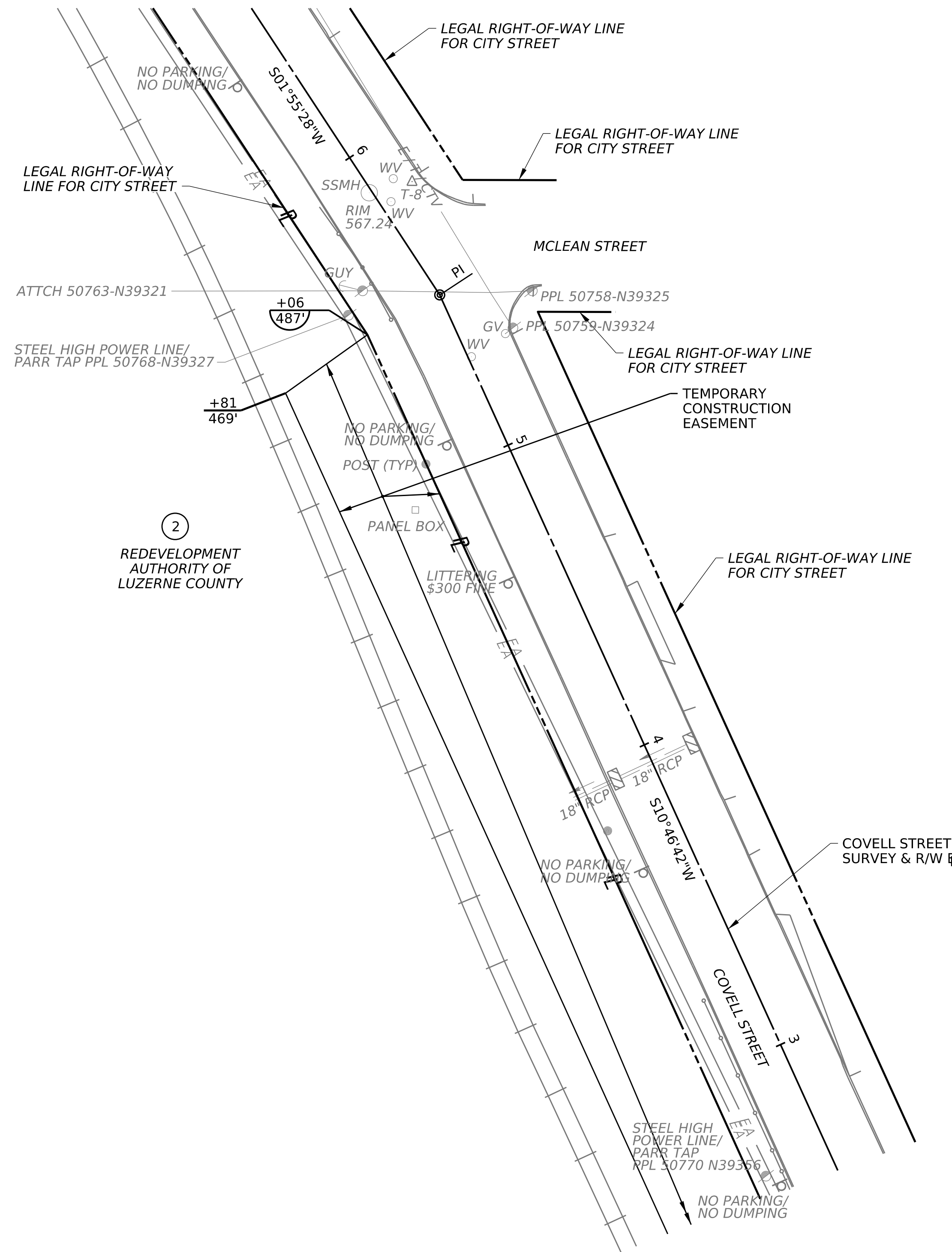
Exhibit B Page 2 of 7

SURVEY BOOK NO.
 FOR SR 2005 PROFILE, SEE SHEET 7 OF 11

29-SEP-2025 14:55
 PLOTTED:
 FILE NAME: N:\3155-002\CADD\ROW\3155-002-ROW_005 (PLAN 01).dgn

DESIGNED BY: CDB | DRAWN BY: AJC | CHECKED BY: RRW

DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
4-0	LUZERNE	2005	PRS R/W	6 OF 11	
CITY OF WILKES-BARRE					
REV NO	REVISIONS			DATE	BY



LEGEND

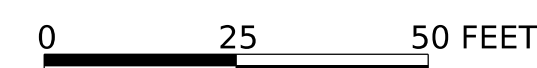
○ PARCEL IDENTIFICATION NUMBER

TEMPORARY CONSTRUCTION EASEMENT. AN EASEMENT TO USE THE LAND AS NECESSARY DURING CONSTRUCTION OF THE PROJECT. THE EASEMENT IS REQUIRED ONLY UNTIL THE CONSTRUCTION OR WORK INDICATED BY THE PLAN IS COMPLETED, UNLESS SOONER RELINQUISHED IN WRITING BY THE DEPARTMENT.

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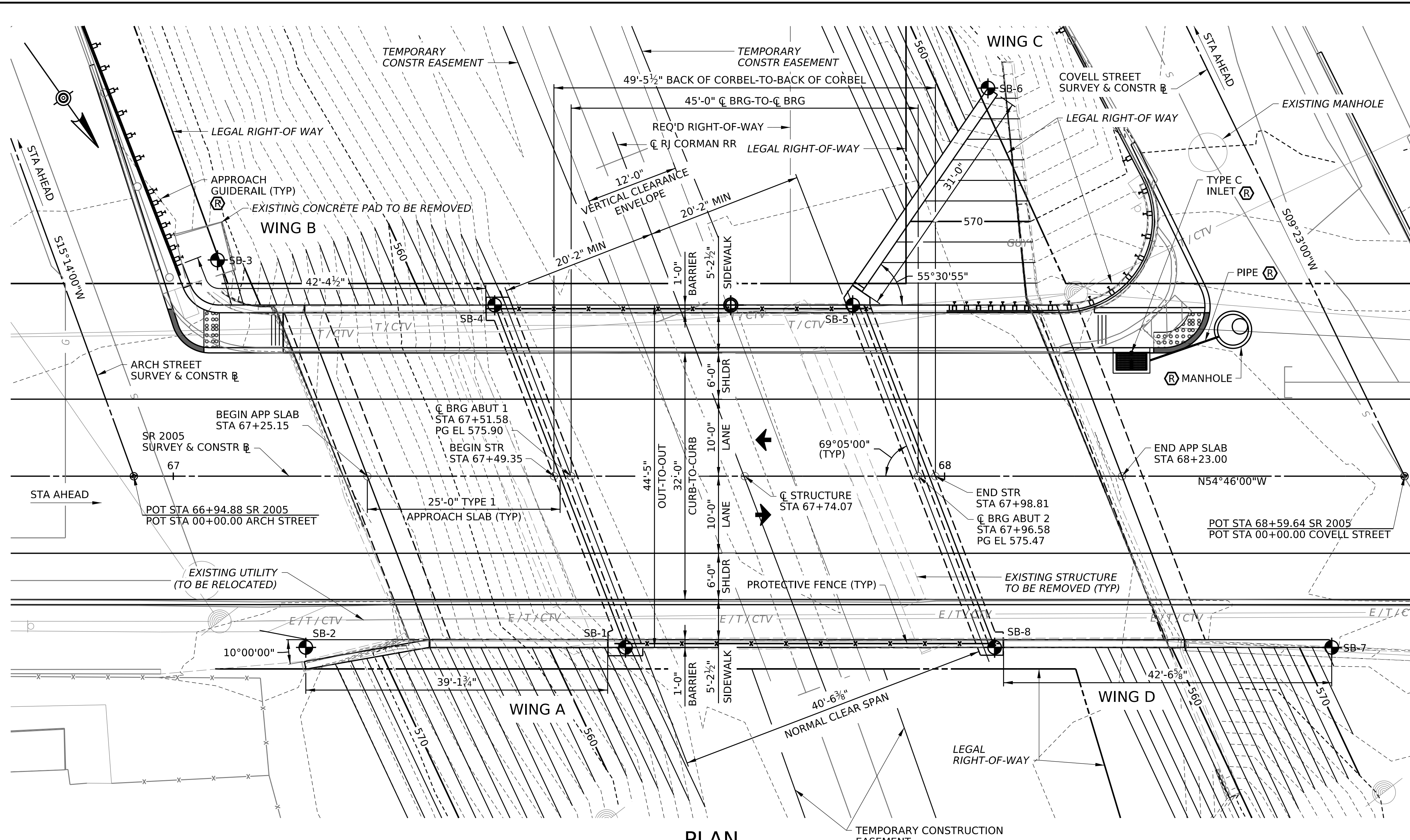
THIS PLAN IS NOT TO BE SUBSTITUTED FOR A BOUNDARY SURVEY.

SCALE



PROPERTY PLOT & RIGHT-OF-WAY CLAIM INFORMATION	
PARCEL NO.	PLOT PLAN SHEET
②	8-9

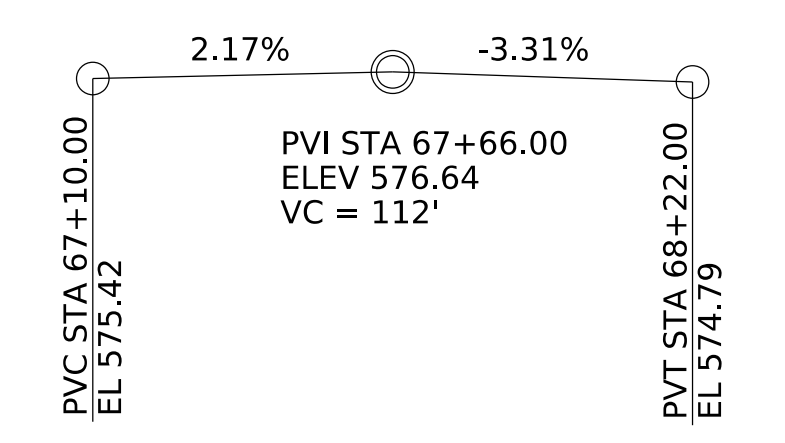
Exhibit B Page 3 of 7



PLAN
2 0 4 8 FEET

INDEX OF DRAWINGS	
SHEET NUMBER	TITLE
1	TYPE, SIZE & LOCATION PLAN
2	TS&L ELEVATION
3	TS&L TYPICAL SECTION & LOAD RATINGS
4	TS&L GENERAL NOTES

VERTICAL CURVE DATA



HORIZONTAL CURVE DATA

TANGENT

LEGEND:

- SB-X PROPOSED BORING LOCATION
- (R) ROADWAY ITEM
- POINT OF MINIMUM VERTICAL UNDERCLEAR
- DIRECTION OF TRAFFIC
- E/T/CTV- EXISTING ELECTRIC/TELEPHONE/CABLE LINE
- G- EXISTING GAS LINE
- SA- EXISTING SANITARY LINE
- W- EXISTING WATER LINE
- 560- EXISTING CONTOURS
- 560- PROPOSED CONTOURS

PROPOSED STRUCTURE

STATION 67+74.07
 TYPE OF STRUCTURE - SINGLE SPAN P/S
 CONCRETE ADJACENT BOX BEAMS
 NORMAL CLEAR SPAN - 40'-6 3/8"
 UNDER CLEARANCE - 19'-0"
 CLEAR ROADWAY WIDTH - 32'-0"

EXISTING STRUCTURE

STATION 67+77.00
 TYPE OF STRUCTURE -
 THREE SPAN P/S CONCRETE
 ADJACENT BOX BEAMS ON SPREAD FOOTINGS
 NORMAL CLEAR SPAN - 39'-5 1/2"
 UNDER CLEARANCE - 18'-4"
 CLEAR ROADWAY WIDTH - 32'-0"

PROPOSED BORING LOCATIONS

BORING NO	STATION	OFFSET
SB-1	67+58.63	22.21' RT
SB-2	67+17.17	22.21' RT
SB-3	67+05.72	28.06' LT
SB-4	67+41.66	22.21' LT
SB-5	67+88.09	22.21' LT
SB-6	68+05.62	50.36' LT
SB-7	68+50.19	22.21' RT
SB-8	68+06.49	22.21' RT

- NOTES:
- FOR TS&L ELEVATION, SEE SHEET 2.
 - FOR TS&L TYPICAL SECTION & LOAD RATINGS, SEE SHEET 3.
 - FOR TS&L GENERAL NOTES, SEE SHEET 4.

PREPARED BY:
Whitman, Requardt & Associates, LLP
 2009 Mackenzie Way, Suite 240, Cranberry Township, Pennsylvania 16066

SIGNATURE: *Hery L. Reilly*
 DATE: 07/18/2025

PROTECTIVE FENCE	BC-701M	NOV 23, 2022
ANCHOR SYSTEMS	BC-734M	FEB 19, 2021
WALL CONSTRUCTION & EXPANSION JOINT DETAILS	BC-735M	SEP 30, 2016
REINFORCEMENT BAR FABRICATION DETAILS	BC-736M	NOV 23, 2022
BRIDGE DRAINAGE	BC-751M	JAN 31, 2019
CONCRETE DECK SLAB DETAILS	BC-752M	NOV 23, 2022
BEARINGS	BC-755M	JAN 31, 2019
MISCELLANEOUS PRESTRESS DETAILS	BC-775M	NOV 23, 2022
TYPICAL WATERPROOFING AND EXPANSION DETAILS	BC-788M	NOV 23, 2022
CLASSIFICATION OF EARTHWORK FOR STRUCTURES	RC-11M	JUN 1, 2010
BACKFILL AT STRUCTURES	RC-12M	NOV 1, 2022
GUIDE RAIL TO BRIDGE BARRIER TRANSITIONS	RC-50M	DEC 18 2024

DESCRIPTION	DWG. NO.	Recm'd. DATE
SUPPLEMENTAL DRAWINGS		

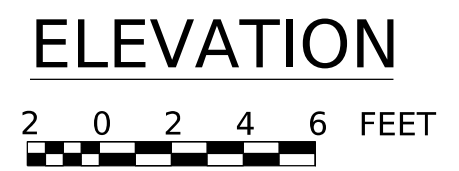
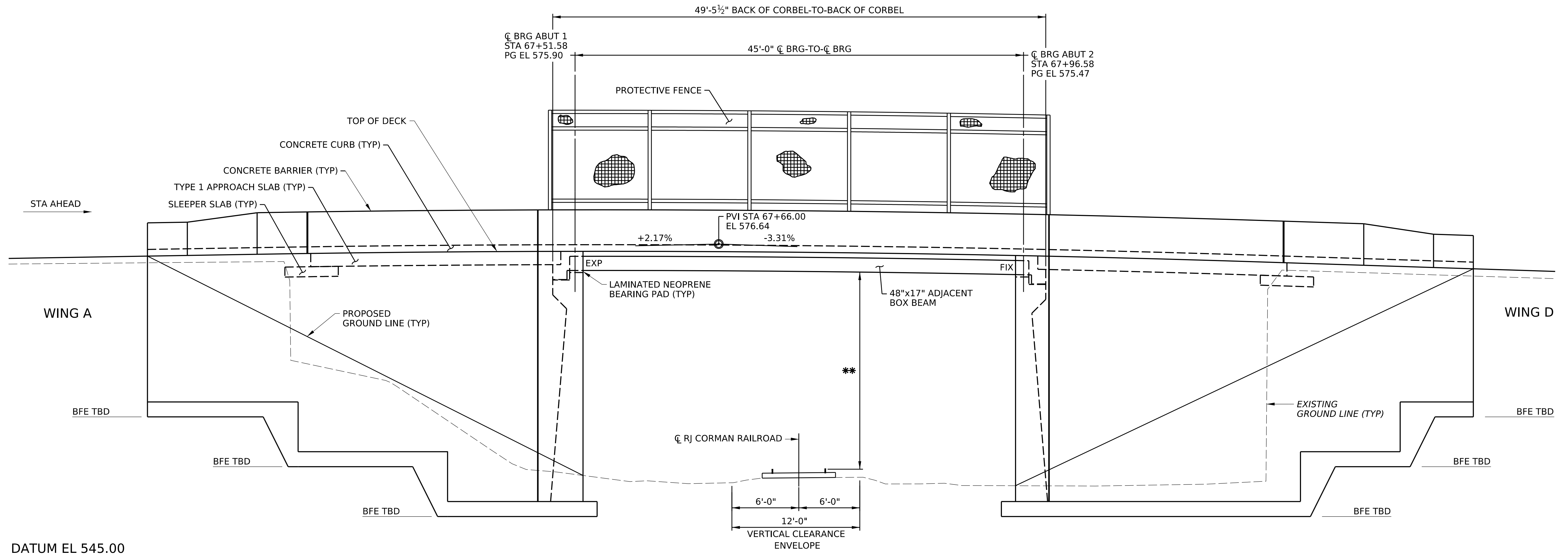
Mark	Description	By	Chk'd	Recm'd.	Date
REVISIONS					

SR 2005 PREVIOUSLY KNOWN AS LR 40090
 BMS: 40 2005 0030 0789 MPMS: 116423 BKEY: 70996

**COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION**

LUZERNE COUNTY
 S.R. 2005 SECTION PRS
 SEGMENT 0030, OFFSET 0789
 S.R. 2005 - PRS STA. 67+74.07
 OVER LUZERNE CO. REDEVELOPMENT AUTHORITY
 SINGLE SPAN COMP P/S CONC ADJ BOX BEAM BRIDGE
TYPE, SIZE & LOCATION PLAN

RECOMMENDED _____ SHEET **1** OF **4**
 + SUPPLEMENTAL DRAWINGS
 _____ DISTRICT BRIDGE ENGINEER **S -**



Mark	Description	By	Chk'd	Recm'd.	Date
REVISIONS					

SR 2005 PREVIOUSLY KNOWN AS LR 40090
 BMS: 40 2005 0030 0789 MPMS: 116423 BKEY: 70996

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DEPARTMENT OF TRANSPORTATION

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OVER LUZERNE CO. REDEVELOPMENT AUTHORITY
SINGLE SPAN COMP P/S CONC ADJ BOX BEAM BRIDGE
TS&L ELEVATION

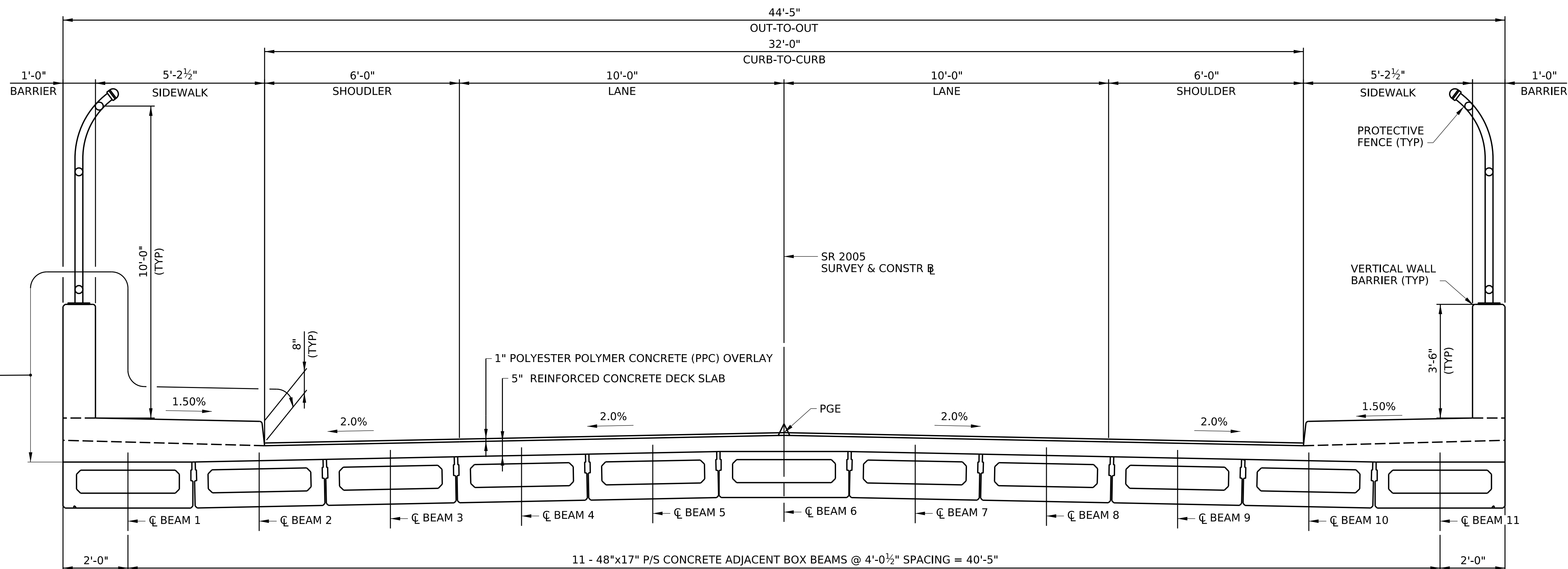
Exhibit B Page 5 of 7

RECOMMENDED _____	SHEET <u>2</u> OF <u>4</u>
	S -

- LEGEND:**
- ROADWAY ITEM
 - ** MIN VERT CLR: REQUIRED = 18'-4" PROVIDED = 19'-0"

- NOTES:**
1. FOR TYPE, SIZE & LOCATION PLAN, SEE SHEET 1.
 2. FOR TS&L TYPICAL SECTION & LOAD RATINGS, SEE SHEET 3.
 3. FOR TS&L GENERAL NOTES, SEE SHEET 4.

LIMITS OF PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES, PENETRATING SEALER (BRIDGE SUPERSTRUCTURE) (TYP)



TYPICAL SECTION



SUMMARY OF STRUCTURE RATINGS W/ FWS								
	LIVE LOADS	H20	HS20	ML-80	TK527	PHL-93	P-82	P2016-13
INVENTORY RATING (IR)	DIST FACTOR	0.374	0.669	0.374	0.374	0.669	----	----
	DISTANCE (FT)	22.50	9.00	22.50	22.50	9.00	----	----
	LIMIT STATE	SERV-IIIIP	STR-I	SERV-IIIIP	SERV-IIIIP	STR-I	----	----
OPERATING RATING (OR)	RATING FACTOR	2.05 M	1.48 V	1.20 M	1.29 M	1.16 V	----	----
	DIST FACTOR	0.669	0.669	0.669	0.669	0.669	0.669	0.669
	DISTANCE (FT)	9.00	9.00	9.00	9.00	9.00	9.00	9.00
OPERATING RATING (OR)	LIMIT STATE	STR-II	STR-II	STR-II	STR-II	STR-IA	STR-II	STR-II
	RATING FACTOR	2.73 V	1.92 V	1.65 V	1.72 V	1.51 V	1.26 V	1.06 V

ADTT (2024) = 381, ADTT (2044) = 381
CRITICAL COMPONENT = BEAM 11 (EXTERIOR)

MAXIMUM FACTORED FLEXURAL RESISTANCE = 1349.63 KFT
LOCATION = 18.00 FT

MAXIMUM FACTORED SHEAR RESISTANCE = 319.70 K
LOCATION = 1.88 FT

SUMMARY OF STRUCTURE RATINGS W/O FWS								
	LIVE LOADS	H20	HS20	ML-80	TK527	PHL-93	P-82	P2016-13
INVENTORY RATING (IR)	DIST FACTOR	0.669	0.669	0.374	0.669	0.669	----	----
	DISTANCE (FT)	9.00	9.00	22.50	9.00	9.00	----	----
	LIMIT STATE	STR-I	STR-I	SERV-IIIIP	STR-I	STR-I	----	----
OPERATING RATING (OR)	RATING FACTOR	2.16 V	1.52 V	1.29 M	1.36 V	1.19 V	----	----
	DIST FACTOR	0.669	0.669	0.669	0.669	0.669	0.669	0.669
	DISTANCE (FT)	9.00	9.00	9.00	9.00	9.00	9.00	9.00
OPERATING RATING (OR)	LIMIT STATE	STR-II	STR-II	STR-II	STR-II	STR-IA	STR-II	STR-II
	RATING FACTOR	2.80 V	1.97 V	1.70 V	1.76 V	1.54 V	1.29 V	1.09 V

ADTT (2024) = 381, ADTT (2044) = 381
CRITICAL COMPONENT = BEAM 11 (EXTERNAL)

MAXIMUM FACTORED FLEXURAL RESISTANCE = 1349.63 KFT
LOCATION = 18.00 FT

MAXIMUM FACTORED SHEAR RESISTANCE = 319.70 K
LOCATION = 1.90 FT

LEGEND:

- "V" DENOTES SHEAR CONTROLS THE RATING FACTOR
- "M" DENOTES MOMENT CONRTOLS THE RATING FACTOR
- "ML" DENOTES PENNSYLVANIA MAXIMUM LEGAL LOAD (ML-80)
- P-82 DENOTES PENNSYLVANIA PERMIT LOAD
- TK527 DENOTES PENNSYLVANIA LEGAL LOAD CONFIGURATION
- P2016-13 DENOTES PENNSYLVANIA PERMIT LOAD

NOTES:

1. FOR TYPE, SIZE & LOCATION PLAN, SEE SHEET 1.
2. FOR TS&L ELEVATION, SEE SHEET 2.
3. FOR TS&L GENERAL NOTES, SEE SHEET 4.

Mark	Description	By	Chk'd	Recm'd.	Date
REVISIONS					

SR 2005 PREVIOUSLY KNOWN AS LR 40090
BMS: 40 2005 0030 0789 MPMS: 116423 BKEY: 70996

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION**

LUZERNE COUNTY
S.R. 2005 SECTION PRS
SEGMENT 0030, OFFSET 0789
S.R. 2005 - PRS STA. 67+74.07
OVER LUZERNE CO. REDEVELOPMENT AUTHORITY
SINGLE SPAN COMP P/S CONC ADJ BOX BEAM BRIDGE
TS&L TYPICAL SECTION & LOAD RATINGS

Exhibit B Page 6 of 7

RECOMMENDED _____

SHEET 3 OF 4

S -

7-JUL-2025 13:16 PLOTTED:

DESIGN SPECIFICATIONS

AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS 8TH EDITION, SEPTEMBER 2017, AND AS SUPPLEMENTED BY DESIGN MANUAL, PART 4 (INCLUDING LATEST REVISIONS DECEMBER 2019)

LIVE LOAD DISTRIBUTION TO GIRDERS IS BASED UPON DESIGN MANUAL, PART 4 DISTRIBUTION FACTOR METHOD.

DESIGN IS IN ACCORDANCE WITH THE LRFD METHOD.

DESIGN LIVE LOADS

PHL-93, P-82 AND P2016-13

FATIGUE DESIGN IS BASED ON THE FOLLOWING:
PRESTRESSED CONCRETE: ADTT 381 (2044)

MAXIMUM ALLOWABLE TENSILE STRESS IN PRECOMPRESSED TENSILE ZONE:
0.0948/F °C

DEAD LOADS

INCLUDES SURFACE AREA DENSITY OF 0.030 KSF FOR FUTURE WEARING SURFACE ON THE DECK SLAB.

GENERAL

PROVIDE MATERIALS AND PERFORM WORK IN ACCORDANCE WITH SPECIFICATIONS, PUBLICATION 408/2020, AASHTO/AWS D1.5M/D1.5 BRIDGE WELDING CODE/2015, AND CONTRACT SPECIAL PROVISIONS.

PROVIDE 2 IN. CONCRETE COVER ON REINFORCEMENT BARS, EXCEPT AS NOTED.

USE CLASS AAAP CEMENT CONCRETE IN DECK SLAB.

USE CLASS AA CEMENT CONCRETE IN RAISED SIDEWALK, CURBS, BARRIERS, TYPE 1 APPROACH SLABS, CONCRETE END DIAPHRAGMS, ABUTMENT CORBELS, CHEEK WALLS, U-WINGS ABOVE BRIDGE SEAT CONSTRUCTION JOINT, AND SLEEPER SLABS.

USE CLASS A CEMENT CONCRETE IN ABUTMENTS, WINGWALLS, AND FOOTINGS.

A HIGHER CLASS CONCRETE MAY BE SUBSTITUTED FOR A LOWER CLASS CONCRETE AT NO ADDITIONAL COST TO THE DEPARTMENT, IF APPROVED BY THE DISTRICT BRIDGE ENGINEER.

PROVIDE GRADE 60 REINFORCING STEEL BARS THAT MEET THE REQUIREMENTS OF ASTM A 615/A 615M, A 996/A 996M OR A 706/A 706M. DO NOT WELD GRADE 60 REINFORCING STEEL BARS UNLESS SPECIFIED. GRADE 40 REINFORCING STEEL BARS MAY BE SUBSTITUTED WITH A PROPORTIONAL INCREASE IN CROSS-SECTIONAL AREA, IF APPROVED BY THE CHIEF BRIDGE ENGINEER. DO NOT USE RAIL STEEL A 996/A 996M REINFORCEMENT BARS IN BRIDGE PIERS, ABUTMENTS, SHEAR BLOCKS, BEAMS, FOOTINGS, PILES, BARRIERS OR WHERE BENDING OR WELDING OF THE REINFORCEMENT BARS IS INDICATED.

USE EPOXY-COATED REINFORCEMENT BARS IN THE STRUCTURE.

GALVANIZED REINFORCING STEEL BARS MAY BE SUBSTITUTED FOR EPOXY-COATED REINFORCING STEEL BARS AT NO ADDITIONAL COST TO THE DEPARTMENT.

RAKE-FINISH ALL HORIZONTAL CONSTRUCTION JOINTS, EXCEPT AS INDICATED.

CONSTRUCT DECK SLAB TRANSVERSE CONSTRUCTION JOINTS PARALLEL TO BRIDGE CENTERLINE OF BEARINGS.

PLACE CHEEKWALL CONCRETE AFTER BEAMS ARE SET IN POSITION.

CHAMFER EXPOSED CONCRETE EDGES 3/4 IN. BY 3/4 IN., EXCEPT AS NOTED.

ALL DIMENSIONS SHOWN ARE HORIZONTAL, EXCEPT AS NOTED.

SUPERSTRUCTURE DIMENSIONS SHOWN ARE FOR A NORMAL TEMPERATURE OF 68° F.

PROVIDE MINIMUM EMBEDMENT AND SPLICE LENGTHS IN ACCORDANCE WITH STANDARD DRAWING BC-736M, UNLESS OTHERWISE INDICATED.

PREPARE BEARING AREAS AS SPECIFIED IN PUBLICATION 408, SECTION 1001.3(K)9.

APPLY PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES AS PER PUBLICATION 408/2020, SECTION 1019, TO THE EXPOSED SURFACES TOP, OUTSIDE, AND ROADWAY FACE OF THE BARRIER AND TO THE SIDEWALK.

EXISTING BRIDGE IS NOT WEIGHT RESTRICTED.

DO NOT USE ADHESIVE ANCHORS IN A TENSION APPLICATION FOR PERMANENT INSTALLATIONS.

DO NOT USE ADHESIVE ANCHORS IN A SUSTAINED TENSION APPLICATION FOR TEMPORARY INSTALLATIONS, INCLUDING DURING CONSTRUCTION.

UTILITY NOTES

COORDINATE, LOCATE, AND CONDUCT ALL WORK RELATED TO PUBLIC AND PRIVATE UTILITIES IN ACCORDANCE WITH PUBLICATION 408, SECTIONS 105.06 AND 107.12

Mark	Description	By	Chk'd	Recm'd.	Date
REVISIONS					

SR 2005 PREVIOUSLY KNOWN AS LR 40090
BMS: 40 2005 0030 0789 MPMS: 116423 BKEY: 70996

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION**

**LUZERNE COUNTY
S.R. 2005 SECTION PRS
SEGMENT 0030, OFFSET 0789
S.R. 2005 - PRS STA. 67+74.07
OVER LUZERNE CO. REDEVELOPMENT AUTHORITY
SINGLE SPAN COMP P/S CONC ADJ BOX BEAM BRIDGE
TS&L GENERAL NOTES**

RECOMMENDED _____	SHEET <u>4</u> OF <u>4</u>
	S -