



January 18, 2023

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
400 North Street
Harrisburg, PA 17105

Re: Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to alter the public above-grade crossing by replacing the existing bridge where State Route 3022 (Maclay Street) crosses above grade the tracks of Norfolk Southern Railroad (DOT No.: 518 088 K) in the City of Harrisburg, Dauphin County, and the allocation of costs incident thereto.

Dear Secretary Chiavetta:

Enclosed for filing, please find the original copy of 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 black ink, appearing to read "Ahmed Lasloudji".

Ahmed Lasloudji
Engineering District 8-0
Department of Transportation

cc: Parties of Record
M. J. Chappell, P.E., Chief, Right-of-Way, Utilities, and Grade Crossing Section, 7th Floor, CKB
K. L. Cummings, Senior Assistant Counsel, Office of Chief Counsel, 9th Floor, CKB
W. M. Sinick, P.E., Supervisor, Rail Safety Engineering Section, PUC, 3rd Floor, CKB

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to alter the public above-grade crossing by replacing the existing bridge where State Road 3022 (Maclay Street) crosses, above-grade, the tracks of Norfolk Southern Railroad (DOT No.: 518 088 K) in the City of Harrisburg, Dauphin 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 grade where State Route 3022 (Maclay Street) crosses above grade the tracks of the railroad at DOT No.: 518 088 K in the City of Harrisburg, Dauphin County as described below:

1. The name and address of Applicant are Commonwealth of Pennsylvania, Department of Transportation, Richard A. Reisinger, P.E., Assistant District Executive - Design, Engineering District 8-0, 2140 Herr Street, Harrisburg, PA 17103-1699.

2. The name and address of attorney for the Applicant are Karen L. Cummings, Senior Assistant 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
Utilities and Right of Way Section
Pennsylvania Department of Transportation
PO Box 3362
Harrisburg, PA 17105-3362
marchappell@pa.gov

Karen L. Cummings
Senior Assistant 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 3022, Segment 0030, Offset 0000 over the tracks of Norfolk Southern Railroad, at railroad milepost PT-106.04. The preliminary plans attached to the application show the bridge involved herein is a seven-span steel deck girder having a total length of 479.16 feet. The clear roadway width from curb to curb is 44 feet and accommodates two lanes of traffic for each direction of travel. Located on each side of the bridge are pedestrian walkways having a width of 7.66 feet each. The proposed bridge will be replaced on the existing alignment and the horizontal and vertical clearances will meet the Norfolk Southern requirements. A Location Map is attached hereto and marked as Exhibit "A". A copy of the Preliminary Plan is attached hereto and marked as Exhibit "B".

6. The Applicant is aware of prior Public Utility Commission orders for this crossing at Docket Numbers A-00059094, A-00111494, A-00122869, and C-00861128.

7. The average daily traffic for State Route 3022 at this crossing is 7,045 vehicles with 6% trucks.

8. The construction estimated cost for the project subject to the application and described above is \$31,000,000.00 while the overall project is anticipated to cost approximately \$36,475,000.00. It is anticipated that the funding for the project will be 100% Federal 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:



Richard A. Reisinger, P.E.
Assistant District Executive - Design
Engineering District 8-0
Department of Transportation
2140 Herr Street
Harrisburg, PA 17103
Phone (717)-787-8188
Fax (717) 705-2262
Email: ricreising@pa.gov

Dated: 1/17/2023

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to alter the public above-grade crossing by replacing the existing bridge where State Road 3022 (Maclay Street) crosses, above-grade, the tracks of Norfolk Southern Railroad (DOT No.: 518 088 K) in the City of Harrisburg, Dauphin County, and the allocation of costs incident thereto.

Application
Docket No.: _____

Electronically Filed

VERIFICATION

I, Ahmed Lasloudji, Grade Crossing Administrator, 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: 1/17/2023

Ahmed Lasloudji
Grade Crossing Administrator

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to alter the public above-grade crossing by replacing the existing bridge where State Road 3022 (Maclay Street) crosses, above-grade, the tracks of Norfolk Southern Railroad (DOT No.: 518 088 K) in the City of Harrisburg, Dauphin County, and the allocation of costs incident thereto.

Application _____
Docket No.: _____

Electronically Filed

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 first class mail, postage prepaid:

Mr. Douglas Starling, P.E.
Senior Engineer Public Improvement
Norfolk Southern Railroad Company
650 West Peachtree Street NW- Box 45
Atlanta, GA 30308
douglas.starling@nscorp.com

Ms. Julianne Freeman, Esq.
General Attorney
Norfolk Southern Railroad Company
650 Peachtree Street NW-Box 45
Atlanta, GA 30308
Julianne.Freeman@nscorp.com

Candace N. Hager
Third-Party Development Lead
Engineering I & C
Amtrak's 30th Station
2955 Market Street, Box 64
Philadelphia, PA 19104
Candace.Cervino@amtrak.com

Mr. Richie Martz, Assistant Chief Clerk
Dauphin County Commissioners
Dauphin County Administrative Building
2 South Second Street, 4th Floor
Harrisburg, PA 17108
rmartz@dauphincounty.org

Mr. Percy Bullock, Supervisor
Government Office
123 Walnut Street, Suite 212
Harrisburg, PA 17101-1695
prbullock@harrisburgpa.gov

Mr. Bilal Mian
Crown Castle
3200 Horizon Drive, Suite 150
King of Prussia, PA 19406
bilal.mian@crowncastle.com

Mr. Jeffrey Bracken
Crown Castle
3200 Horizon Drive, Suite 150
King of Prussia, PA 19406
Jeffrey.Bracken@crowncastle.com

Mr. Jeff Bowra
Capital Region Water
3003 North Front Street
Harrisburg, PA 17110
jeff.bowra@capitalregionwater.com

Mr. Lewis Borthman
BrightSpeed Internet
1765 West Trindle Road
Carlisle, PA 17015
lewis.borthman@brightspeed.com

Mr. Geoff Ferguson
UGI Utilities
1301 AIP Drive
Middletown, PA 17057
gferguson@ugi.com

Mr. Mike Sweigard
Comcast Cable Communications, Inc.
4601 Smith Street
Harrisburg, PA 17109
MikeSweigard@cable.comcast.com

Mr. Robert Januszko
Frontier Communications of PA Inc
67 South Main Street
Shickshinny, PA 18655
robert.januszko@ftr.com

Mr. Paul Erickson
Century Link Communication, LLC
5095 Ritter Road, Suite 101
Mechanicsburg, PA 17055
paul.erickson@centurylink.com

Mr. Kenneth Rupert
Shentel Communication Company
500 Shentel Way
P.O Box 459
Edinburg, VA 22824
ken.rupert@emp.shentel.com

Mrs. Charlotte Krupa
PPL Electric Utilities Corporation
Two North Ninth Street, GENN3
Allentown, PA 18101-1179
cakrupa@pplweb.com

Mrs. Deborah Delia
Verizon Pennsylvania, LLC
3151 Pioneer Avenue
Pittsburgh, PA 15226
Deborah.d.delia@verizon.com

Mr. Robert Zimmel
Verizon
509 Cherry Drive
Hershey, PA 17033
Robert_zimmel@verizon.com

Mr. Mike Huddleston
Baker International
100 Airside Drive
Moon Township, PA 15108
mhuddleston@mbakerintl.com



Dated this January; Day of the 17th of 2023

Ahmed Lasloudji
2140 Herr Street
Harrisburg, PA 17103-1699
(717) 787-4732
alasloudji@pa.gov

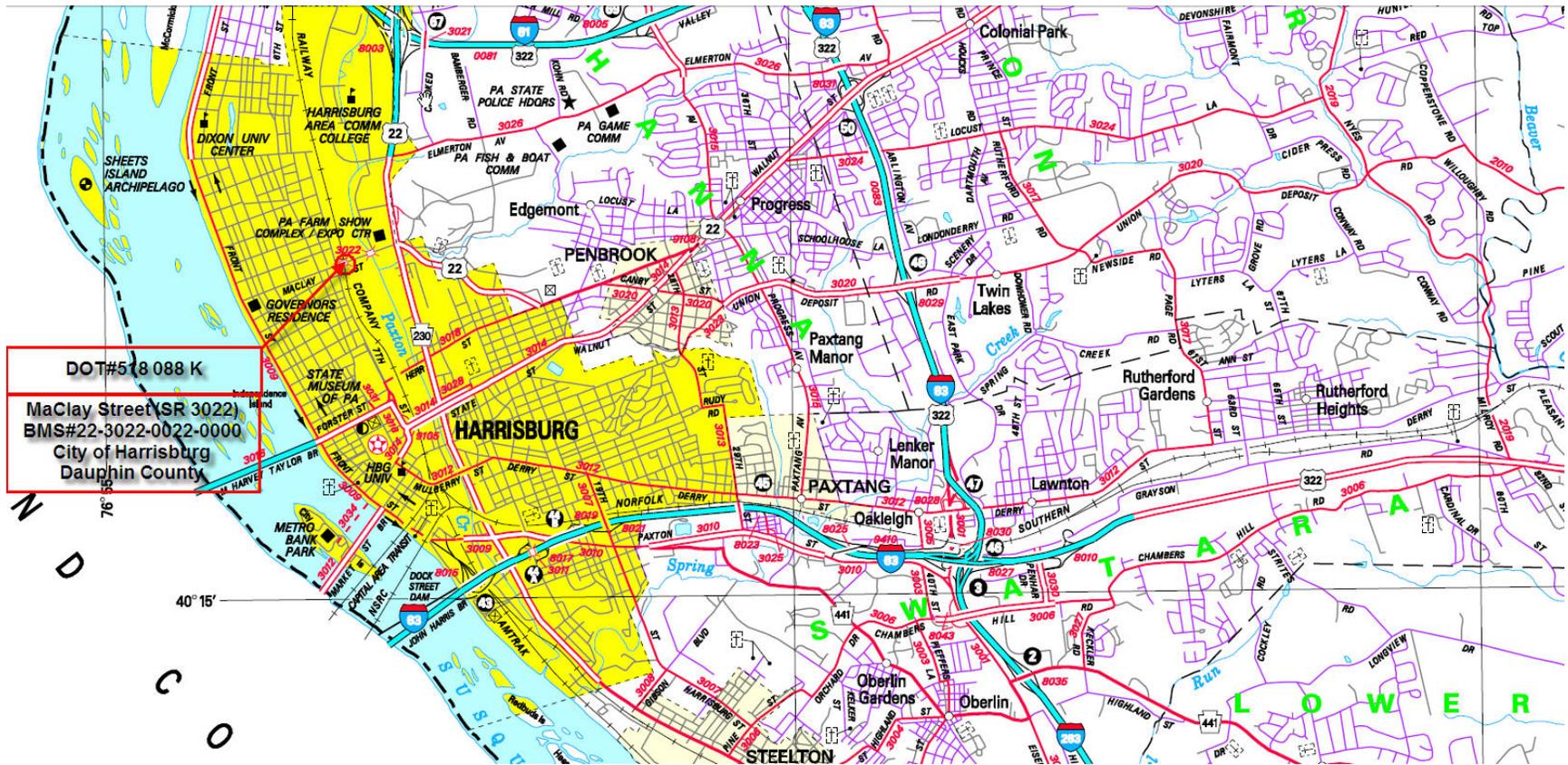
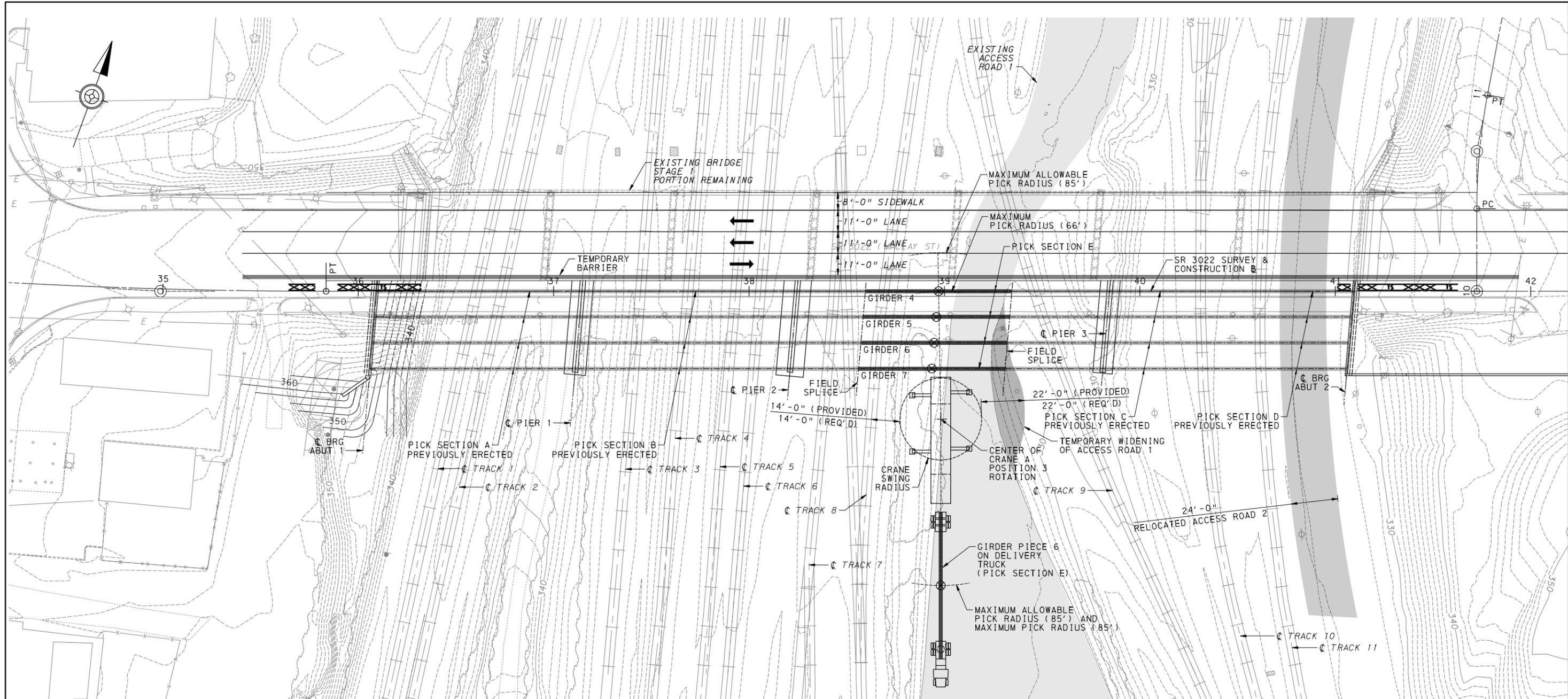


EXHIBIT "A"
LOCATION MAP

FILENAME: N:\517839-01-MacLay St\Drawings\Structures\Railroad Bridge\TSL\Construct\Railroad Bridge\TSL\Construct\Railroad Bridge\Stage 1.dgn
 DATE: 4/5/2022 TIME: 1:24:40 PM



CONCEPTUAL GIRDER ERECTION PROCEDURE:

STAGE 1 - STEPS 4A, 4B AND 4C



- STAGE 1 STEP 4A : POSITION CRANE A IN RAILYARD ON SOUTHERN SIDE OF PROPOSED STRUCTURE AS SHOWN. MAINTAIN A MINIMUM 14'-0" CLEARANCE FROM THE CRANE SWING RADIUS TO THE C OF TRACK 8.
- STAGE 1 STEP 4B : DELIVER GIRDER PIECE TO SITE. RIG CRANE A TO GIRDER PIECE 6 (PICK SECTION E). BEFORE LIFTING AND SWINGING GIRDER PIECES INTO FINAL POSITION, COORDINATE TIME OF GIRDER ERECTION OVER TRACKS WITH NORFOLK SOUTHERN RAILWAY. LIFT AND SWING GIRDER PIECE INTO POSITION.
- STAGE 1 STEP 4C : PLACE GIRDER PIECE 6 (PICK SECTION E) INTO FINAL POSITION AND CONNECT PICK SECTION E TO PICK SECTIONS B AND C.

NOTES:

1. PLAN IS CONCEPTUAL ONLY. A GROVE GMK7550 ALL TERRAIN CRANE IS ASSUMED FOR CRANE A DIMENSIONS, LIFTING CAPACITIES, AND RADII. CAPACITIES USED FOR CRANES ASSUME ALL OUTRIGGERS ARE FULLY EXTENDED AND ALL COUNTERWEIGHTS ARE USED.
2. PROTECT ALL PEDESTRIANS, VEHICULAR TRAFFIC, RAILROAD TRAFFIC/PROPERTY, AND UTILITIES DURING GIRDER ERECTION. CONCEPTUAL ERECTION PLANS ASSUMES VEHICULAR TRAFFIC WILL MAINTAINED ON REMAINING PORTION OF EXISTING STRUCTURE CARRYING SR3022 (MACLAY STREET).
3. REFERENCE THE NORFOLK SOUTHERN RAILWAY COMPANY PUBLIC PROJECTS MANUAL CURRENT VERSION FOR ADDITIONAL NOTES AND REQUIREMENTS RELATED TO GIRDER ERECTION AND HOISTING PROCEDURES.
4. ASSUMED TOTAL PICK WEIGHT FOR PICK SECTION E = 55 KIPS. TOTAL PICK WEIGHT INCLUDES GIRDER PIECE, BLOCK, AND RIGGING WEIGHT.

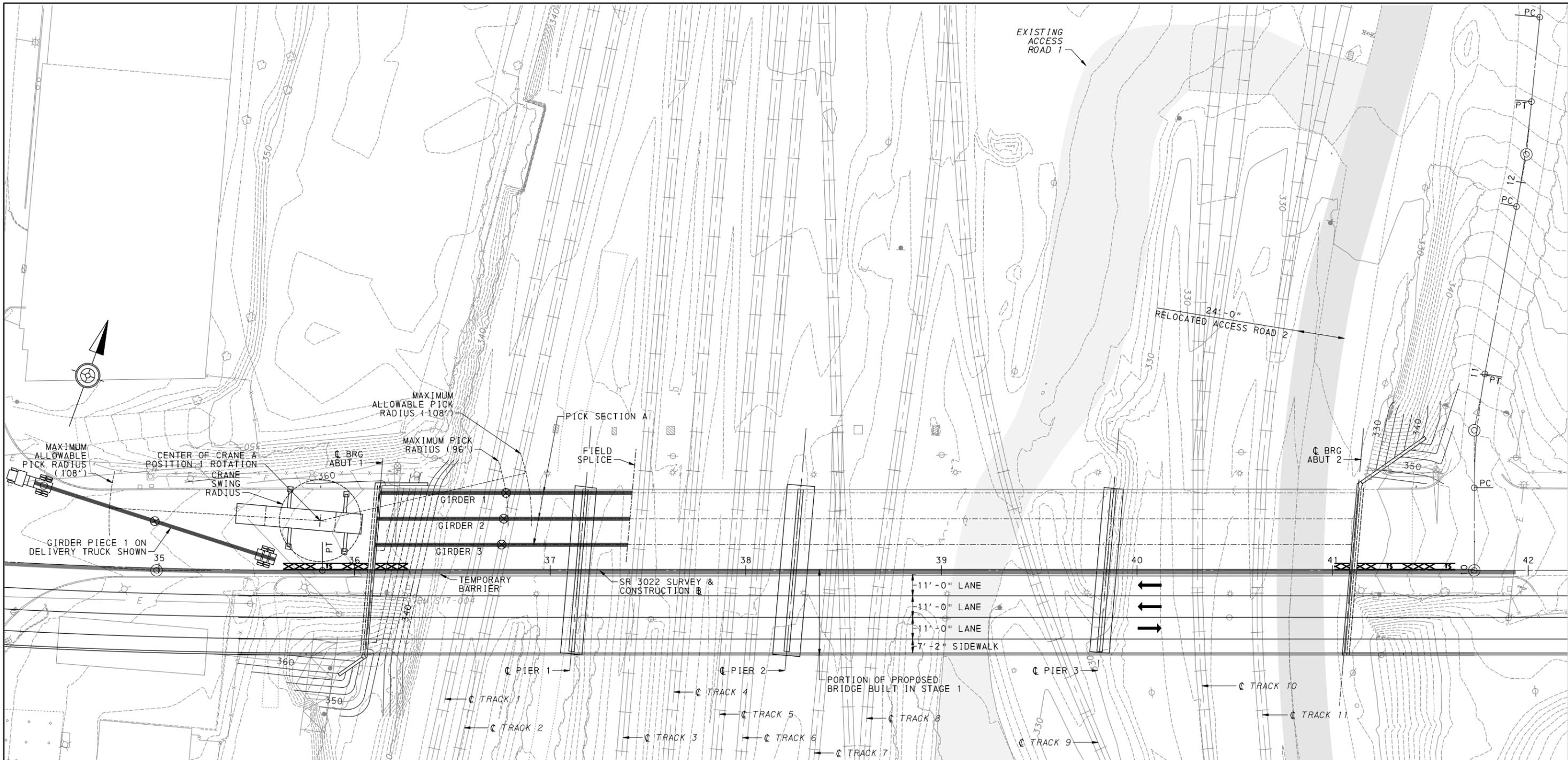
EXHIBIT "B"
4 of 8

APRIL 5, 2022 SHEET 4 OF 8

PREPARED BY:
 ERDMAN ANTHONY
 ONE STERLINE PLACE
 100 STERLING PARKWAY, SUITE 212
 MECHANICSBURG, PA 17050-2930
 PREPARED FOR:
 THE PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION

CONCEPTUAL GIRDER ERECTION PLANS
 STAGE 1
 S. R. 3022 SECTION 005
 (MACLAY STREET)
 OVER NORFOLK SOUTHERN RAILWAY
 DRAWN BY: DCP DATE: 3/1/2022
 CHECKED BY: BGZ DATE: 3/11/2022

FILENAME: N:\57839-01-MacLay St\Drawings\Structures\Railroad Bridge\TSL\Constructability\3022005-Erection Plan-Stage 2.dgn
 DATE: 4/5/2022 TIME: 1:24:41 PM



CONCEPTUAL GIRDER ERECTION PROCEDURE:

- STAGE 2 STEP 1A : POSITION CRANE A BEHIND ABUTMENT 1 AS SHOWN.
- STAGE 2 STEP 1B : DELIVER GIRDER PIECE 1 (PICK SECTION A) TO SITE. RIG CRANE A TO GIRDER PIECE 1 (PICK SECTION A). BEFORE LIFTING AND SWINGING GIRDER PIECES INTO FINAL POSITION, COORDINATE TIME OF GIRDER ERECTION OVER TRACKS WITH NORFOLK SOUTHERN RAILWAY. LIFT AND SWING GIRDER PIECES INTO POSITION.
- STAGE 2 STEP 1C : PLACE GIRDER PIECE 1 (PICK SECTION A) ON ABUTMENT 1 AND PIER 1 INTO FINAL POSITION.

NOTES:

1. PLAN IS CONCEPTUAL ONLY. A GROVE GMK7550 ALL TERRAIN CRANE IS ASSUMED FOR CRANE A DIMENSIONS, LIFTING CAPACITIES, AND RADII. CAPACITIES USED FOR CRANES ASSUME ALL OUTRIGGERS ARE FULLY EXTENDED AND ALL COUNTERWEIGHTS ARE USED.
2. PROTECT ALL PEDESTRIANS, VEHICULAR TRAFFIC, RAILROAD TRAFFIC/PROPERTY, AND UTILITIES DURING GIRDER ERECTION. CONCEPTUAL ERECTION PLAN ASSUMES VEHICULAR TRAFFIC WILL BE MAINTAINED ON CONSTRUCTED PORTION OF PROPOSED STRUCTURE CARRYING SR3022 (MACLAY STREET).
3. REFERENCE THE NORFOLK SOUTHERN RAILWAY COMPANY PUBLIC PROJECTS MANUAL CURRENT VERSION FOR ADDITIONAL NOTES AND REQUIREMENTS RELATED TO GIRDER ERECTION AND HOISTING PROCEDURES.
4. ASSUMED TOTAL PICK WEIGHT FOR PICK SECTION A = 80 KIPS. TOTAL PICK WEIGHT INCLUDES GIRDER PIECE, BLOCK, AND RIGGING WEIGHT.

STAGE 2 - STEPS 1A, 1B AND 1C



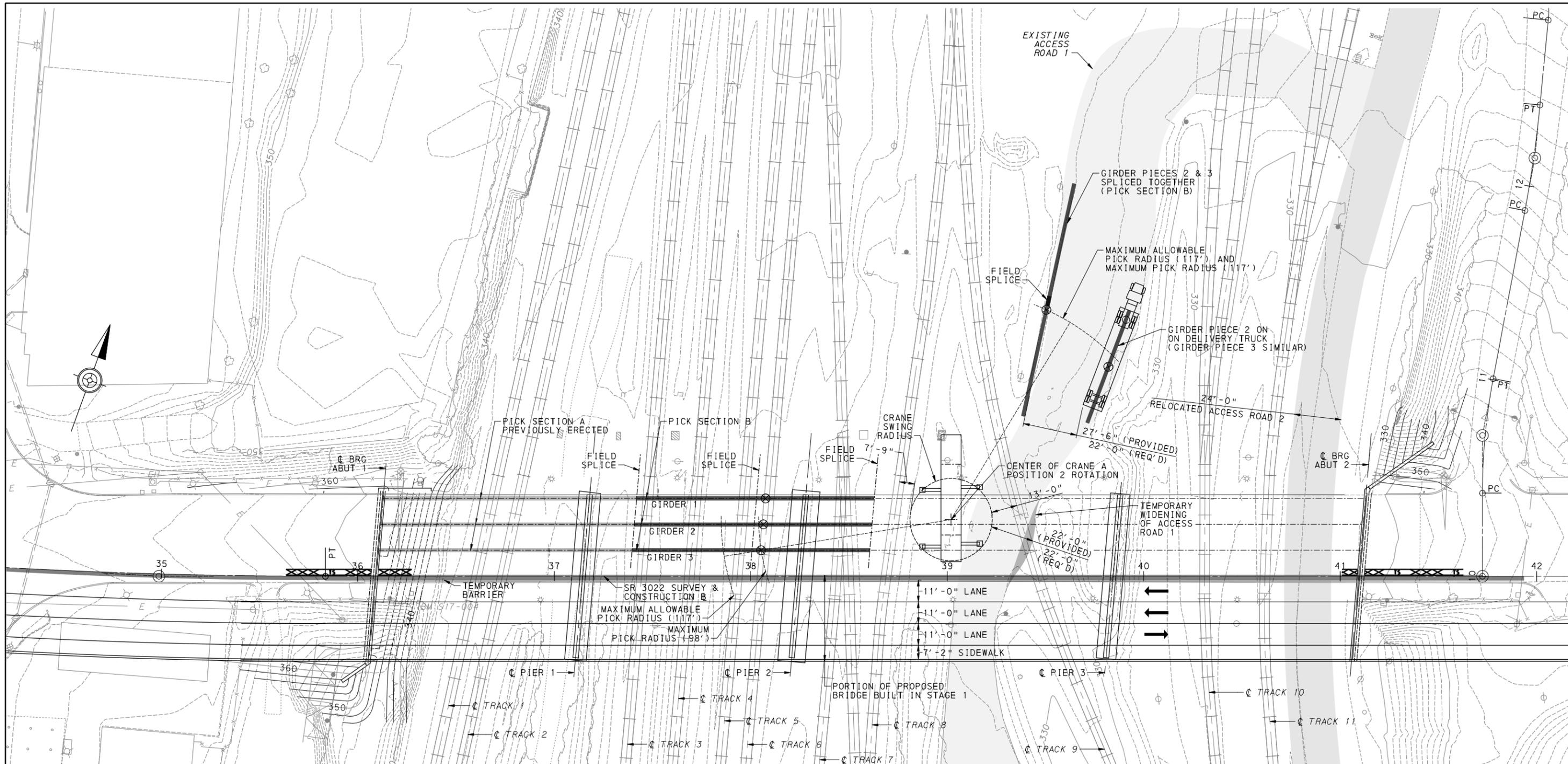
EXHIBIT "B"
 5 of 8

APRIL 5, 2022 SHEET 5 OF 8

PREPARED BY:
 ERDMAN ANTHONY
 ONE STERLINE PLACE
 100 STERLING PARKWAY, SUITE 212
 MECHANICSBURG, PA 17050-2930
 PREPARED FOR:
 THE PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION

CONCEPTUAL GIRDER ERECTION PLANS
 STAGE 2
 S.R. 3022 SECTION 005
 (MACLAY STREET)
 OVER NORFOLK SOUTHERN RAILWAY
 DRAWN BY: DCP DATE: 3/1/2022
 CHECKED BY: BGZ DATE: 3/11/2022

FILENAME: N:\517839-01-MacLay S1\Drawings\Structures\Railroad Bridge\TSL\Constructability\3022005-Erection Plan-Stage 2.dgn
 DATE: 4/5/2022 TIME: 1:24:41 PM



CONCEPTUAL GIRDER ERECTION PROCEDURE:

STAGE 2 - STEPS 2A, 2B AND 2C

- STAGE 2 STEP 2A :** POSITION CRANE A IN RAILYARD ON NORTHERN SIDE OF PROPOSED STRUCTURE AS SHOWN. MAINTAIN MINIMUM CLEARANCES FROM CRANE SWING RADIUS TO C OF TRACKS 8 AND 9 AS SHOWN.
- STAGE 2 STEP 2B :** DELIVER GIRDER PIECES TO SITE AND SPLICE PIECE 2 TO PIECE 3 IN STAGING AREA AS SHOWN. RIG CRANE A TO ASSEMBLED GIRDER PIECES 2-3 (PICK SECTION B). BEFORE LIFTING AND SWINGING GIRDER PIECES INTO FINAL POSITION, COORDINATE TIME OF GIRDER ERECTION OVER TRACKS WITH NORFOLK SOUTHERN RAILWAY. LIFT AND SWING GIRDER PIECES INTO POSITION.
- STAGE 2 STEP 2C :** PLACE GIRDER PIECES 2-3 (PICK SECTION B) ON PIER 2 INTO FINAL POSITION AND CONNECT PICK SECTION B TO PICK SECTION A.

NOTES:

- PLAN IS CONCEPTUAL ONLY. A GROVE GMK7550 ALL TERRAIN CRANE IS ASSUMED FOR CRANE A DIMENSIONS, LIFTING CAPACITIES, AND RADII. CAPACITIES USED FOR CRANES ASSUME ALL OUTRIGGERS ARE FULLY EXTENDED AND ALL COUNTERWEIGHTS ARE USED.
- PROTECT ALL PEDESTRIANS, VEHICULAR TRAFFIC, RAILROAD TRAFFIC/PROPERTY, AND UTILITIES DURING GIRDER ERECTION. CONCEPTUAL ERECTION PLAN ASSUMES VEHICULAR TRAFFIC WILL BE MAINTAINED ON CONSTRUCTED PORTION OF PROPOSED STRUCTURE CARRYING SR3022 (MACLAY STREET).
- REFERENCE THE NORFOLK SOUTHERN RAILWAY COMPANY PUBLIC PROJECTS MANUAL CURRENT VERSION FOR ADDITIONAL NOTES AND REQUIREMENTS RELATED TO GIRDER ERECTION AND HOISTING PROCEDURES.
- ASSUMED TOTAL PICK WEIGHT FOR PICK SECTION B = 75 KIPS. TOTAL PICK WEIGHT INCLUDES GIRDER PIECE, BLOCK, AND RIGGING WEIGHT.

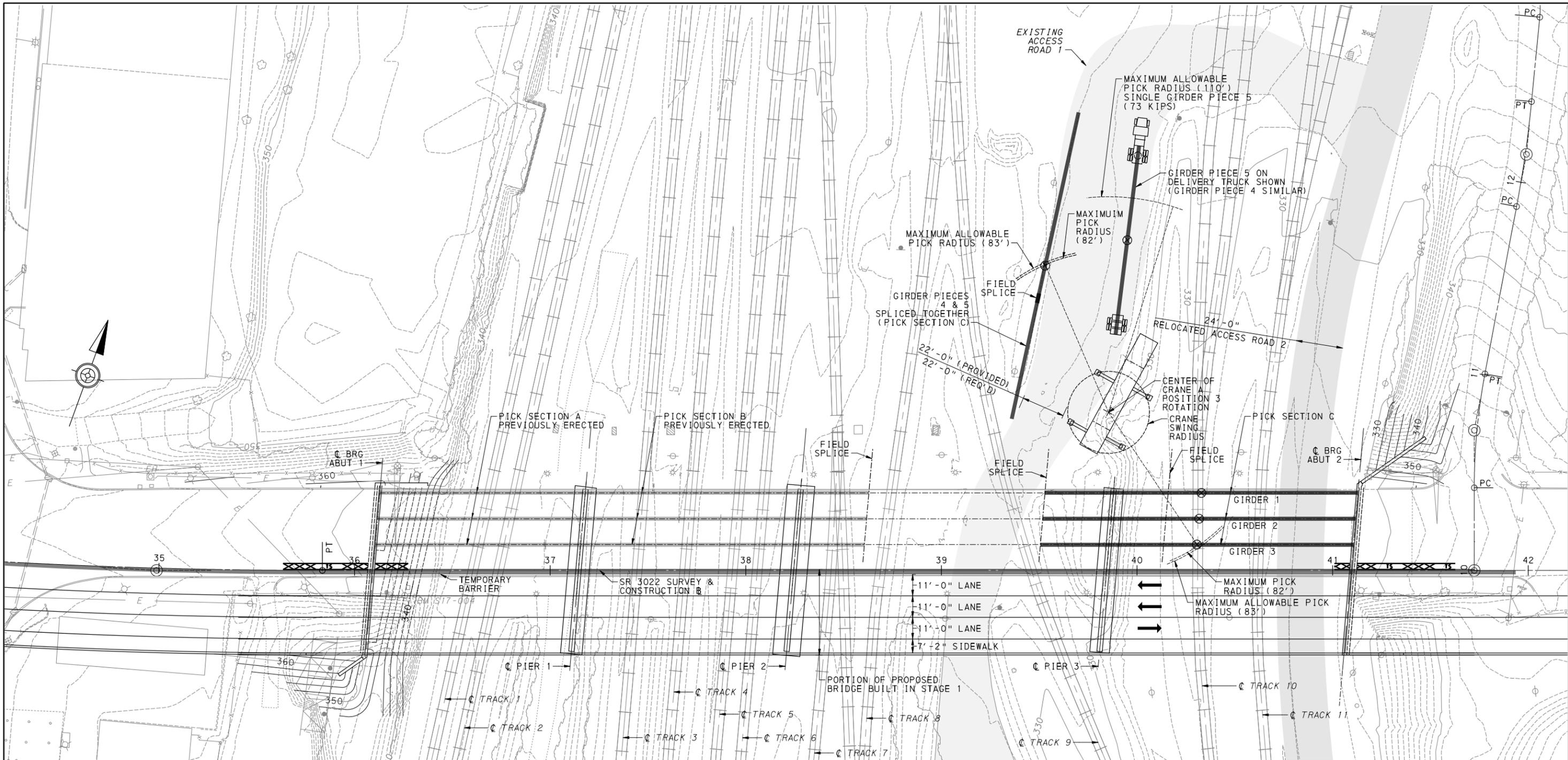
EXHIBIT "B"
6 of 8

APRIL 5, 2022 SHEET 6 OF 8

PREPARED BY:
 ERDMAN ANTHONY
 ONE STERLINE PLACE
 100 STERLING PARKWAY, SUITE 212
 MECHANICSBURG, PA 17050-2930
 PREPARED FOR:
 THE PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION

CONCEPTUAL GIRDER ERECTION PLANS
 STAGE 2
 S.R. 3022 SECTION 005
 (MACLAY STREET)
 OVER NORFOLK SOUTHERN RAILWAY
 DRAWN BY: DCP DATE: 3/1/2022
 CHECKED BY: BGZ DATE: 3/11/2022

FILENAME: N:\57839-01-MacLay S1\Drawings\Structures\Railroad Bridge\TSL\Constructability\3022005-Erection Plan-Stage 2.dgn
 DATE: 5/10/2022 TIME: 11:26:11 AM



CONCEPTUAL GIRDER ERECTION PROCEDURE:

STAGE 2 - STEPS 3A, 3B AND 3C

- STAGE 2 STEP 3A :** POSITION CRANE A IN RAIL YARD ON NORTHERN SIDE OF PROPOSED STRUCTURE AS SHOWN. MAINTAIN A MINIMUM 14'-0" CLEARANCE FROM CONSTRUCTION EQUIPMENT/MATERIAL TO THE C OF TRACK 9 AND TRACK 10.
- STAGE 2 STEP 3B :** DELIVER GIRDER PIECES TO SITE AND SPLICE PIECE 4 TO PIECE 5 IN STAGING AREA AS SHOWN. RIG CRANE A TO ASSEMBLED GIRDER PIECES 4-5 (PICK SECTION C). BEFORE LIFTING AND SWINGING GIRDER PIECES INTO FINAL POSITION, COORDINATE TIME OF GIRDER ERECTION OVER TRACKS WITH NORFOLK SOUTHERN RAILWAY. LIFT AND SWING GIRDER PIECES INTO POSITION.
- STAGE 2 STEP 3C :** PLACE GIRDER PIECES 4-5 (PICK SECTION C) ON PIER 3 AND ABUTMENT 2 INTO FINAL POSITION.



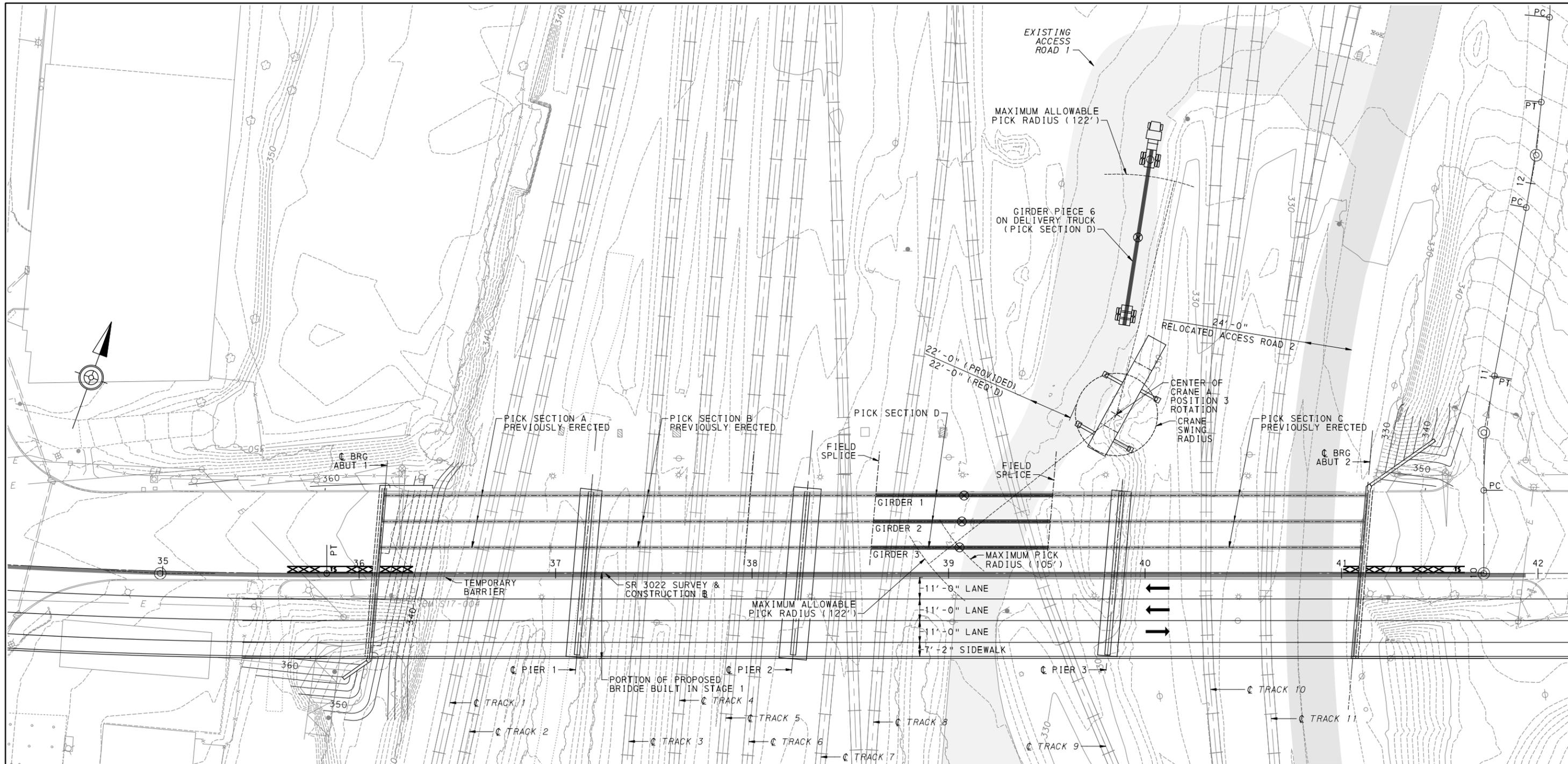
NOTES:

- PLAN IS CONCEPTUAL ONLY. A GROVE GMK7550 ALL TERRAIN CRANE IS ASSUMED FOR CRANE A DIMENSIONS, LIFTING CAPACITIES, AND RADII. CAPACITIES USED FOR CRANES ASSUME ALL OUTRIGGERS ARE FULLY EXTENDED AND ALL COUNTERWEIGHTS ARE USED.
- PROTECT ALL PEDESTRIANS, VEHICULAR TRAFFIC, RAILROAD TRAFFIC/PROPERTY, AND UTILITIES DURING GIRDER ERECTION. CONCEPTUAL ERECTION PLAN ASSUMES VEHICULAR TRAFFIC WILL BE MAINTAINED ON CONSTRUCTED PORTION OF PROPOSED STRUCTURE CARRYING SR3022 (MACLAY STREET).
- REFERENCE THE NORFOLK SOUTHERN RAILWAY COMPANY PUBLIC PROJECTS MANUAL CURRENT VERSION FOR ADDITIONAL NOTES AND REQUIREMENTS RELATED TO GIRDER ERECTION AND HOISTING PROCEDURES.
- ASSUMED TOTAL PICK WEIGHT FOR PICK SECTION C = 115 KIPS. TOTAL ASSUMED PICK WEIGHT INCLUDES GIRDER PIECE, BLOCK, AND RIGGING WEIGHT.

EXHIBIT "B"
7 of 8

APRIL 5, 2022		SHEET 7 OF 8	
PREPARED BY: ERDMAN ANTHONY ONE STERLINE PLACE 100 STERLING PARKWAY, SUITE 212 MECHANICSBURG, PA 17050-2930		CONCEPTUAL GIRDER ERECTION PLANS STAGE 2	
PREPARED FOR: THE PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		S. R. 3022 SECTION 005 (MACLAY STREET) OVER NORFOLK SOUTHERN RAILWAY	
DRAWN BY: DCP	DATE: 3/1/2022	CHECKED BY: BGZ	DATE: 3/11/2022

FILENAME: N:\517839-01-MacLay S1\Drawings\Structures\Railroad Bridge\TSL\Constructability\3022005-Erection Plan-Stage 2.dgn
 DATE: 4/5/2022 TIME: 1:24:43 PM



CONCEPTUAL GIRDER ERECTION PROCEDURE:

STAGE 2 - STEPS 4A, 4B AND 4C

- STAGE 2 STEP 4A : POSITION CRANE A IN RAIL YARD ON NORTHERN SIDE OF PROPOSED STRUCTURE AS SHOWN. MAINTAIN A MINIMUM 14'-0" CLEARANCE FROM CONSTRUCTION EQUIPMENT/MATERIAL TO THE C OF TRACK 9 AND TRACK 10.
- STAGE 2 STEP 4B : DELIVER GIRDER PIECES TO SITE. RIG CRANE A TO GIRDER PIECE 6 (PICK SECTION D). BEFORE LIFTING AND SWINGING GIRDER PIECES INTO FINAL POSITION, COORDINATE TIME OF GIRDER ERECTION OVER TRACKS WITH NORFOLK SOUTHERN RAILWAY. LIFT AND SWING GIRDER PIECES INTO POSITION.
- STAGE 2 STEP 4C : PLACE GIRDER PIECE 6 (PICK SECTION D) INTO FINAL POSITION AND CONNECT PICK SECTION D TO PICK SECTION B AND PICK SECTION C.

NOTES:

- PLAN IS CONCEPTUAL ONLY. A GROVE GMK7550 ALL TERRAIN CRANE IS ASSUMED FOR CRANE A DIMENSIONS, LIFTING CAPACITIES, AND RADII. CAPACITIES USED FOR CRANES ASSUME ALL OUTRIGGERS ARE FULLY EXTENDED AND ALL COUNTERWEIGHTS ARE USED.
- PROTECT ALL PEDESTRIANS, VEHICULAR TRAFFIC, RAILROAD TRAFFIC/PROPERTY, AND UTILITIES DURING GIRDER ERECTION. CONCEPTUAL ERECTION PLAN ASSUMES VEHICULAR TRAFFIC WILL BE MAINTAINED ON CONSTRUCTED PORTION OF PROPOSED STRUCTURE CARRYING SR3022 (MACLAY STREET).
- REFERENCE THE NORFOLK SOUTHERN RAILWAY COMPANY PUBLIC PROJECTS MANUAL CURRENT VERSION FOR ADDITIONAL NOTES AND REQUIREMENTS RELATED TO GIRDER ERECTION AND HOISTING PROCEDURES.
- ASSUMED TOTAL PICK WEIGHT FOR PICK SECTION D = 55 KIPS. TOTAL PICK WEIGHT INCLUDES GIRDER PIECE, BLOCK, AND RIGGING WEIGHT.



EXHIBIT "B"
8 of 8

PREPARED BY:
 ERDMAN ANTHONY
 ONE STERLINE PLACE
 100 STERLING PARKWAY, SUITE 212
 MECHANICSBURG, PA 17050-2930
 PREPARED FOR:
 THE PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION

APRIL 5, 2022		SHEET 8 OF 8	
CONCEPTUAL GIRDER ERECTION PLANS STAGE 2			
S. R. 3022 SECTION 005 (MACLAY STREET) OVER NORFOLK SOUTHERN RAILWAY			
DRAWN BY:	DCP	DATE:	3/1/2022
CHECKED BY:	BGZ	DATE:	3/11/2022