

September 8, 2022

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
400 North Street
Harrisburg, PA 17120

Amended Application:
A-Docket No: A-2021-3027407

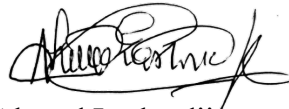
Re: Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to replace the existing public above grade crossing by the construction of a new bridge where State Route 0083 crosses the tracks of Norfolk Southern Railway Company, DOT Number 501 500 G in Springettsbury and Spring Garden Townships, York County and the allocation of costs incident thereto.

Dear Secretary Chiavetta:

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,



Ahmed Lasloudji
District Grade Crossing Engineer
Engineering District 8-0
Department of Transportation

Attachments

cc: Parties of Record
Mark Chappell, P.E., Utilities and Right-of-Way and Section, 7th Floor, CKB Melissa
Noyers, Counsel for Applicant, 9th Floor, CKB
William 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 replace the existing public above grade crossing by the construction of a new bridge where State Route 0083 crosses the tracks of Norfolk Southern Railway Company, DOT Number 501 500 G in Spring Garden Township, York County, and the allocation of costs incident thereto.

Amended Application
Docket No.: A-2021-3027407

Electronically Filed

AMENDED 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 below grade crossing where State Road 0083 crosses the tracks of Norfolk Southern railroad Company at DOT Number 501 500 G in Spring Garden Township, York 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, Engineering District 8-0, 2140 Herr Street, Harrisburg, PA 17013-1699.

2. The name and address of attorney for the Applicant are Melissa J. Noyes, 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
P.O. Box 3362
Harrisburg, PA 17105-3362
marchappell@pa.gov

Melissa J. Noyes
Counsel for Applicant
Office of Chief Counsel
Pennsylvania Department of Transportation
P.O. Box 8212
Harrisburg, PA 17105-8212
MNoyes@pa.gov

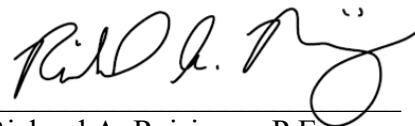
5. The Applicant is seeking approval to replace the existing bridge spanning the Norfolk Southern Railroad Company active tracks DOT# 501 500 G with a single, multi-span steel girder bridge. The existing structure, which carries four (4) through-lanes, will be demolished and replaced and widened to meet current criteria creating a six-lane facility with a minimum out-to-out width of 122'. The new bridge will be designed to improve the vertical clearance to a minimum of 23' over the Norfolk Southern yard. The location of the crossing is approximately at Segment 0204, Offset 0299 over the tracks of Norfolk Southern Railway Company at RR MP YX-11.72. The horizontal and vertical clearances will exceed the Public Utility Commission's minimum clearances in 52 Pa Code Chapter 33. A Location Map is attached hereto and marked as Exhibit "A". Additionally, 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: A-00108000.

7. The average daily traffic for State Route 0083 at this crossing is 32,243 vehicles with 12% trucks (northbound); 36,743 vehicles with 9% trucks (southbound).
8. The estimated total cost for the project subject to the application and described above is \$58.1 million. It is anticipated that the funding for the project will be 100% federal.
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
Engineering District 8-0
Department of Transportation
2140 Herr Street
Harrisburg, PA 17103-1699
Phone (717) 772-0032
Fax (717) 705-2262
email: ricreising@pa.gov

Dated: September 6, 2022

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to replace the existing public above grade crossing by the construction of a new bridge where State Route 0083 crosses the tracks of Norfolk Southern Railway Company, DOT Number 501 500 G in Spring Garden Township, York County, and the allocation of costs incident thereto

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VERIFICATION

I, Ahmed Lasloudji, 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: 9/6/2022



Ahmed Lasloudji
Grade Crossing Engineer

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to replace the existing public above grade crossing by the construction of a new bridge where State Route 0083 crosses the tracks of Norfolk Southern Railway Company, DOT Number 501500 G in Spring Garden Township, York County, and the allocation of costs incident thereto

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Docket No.: A-2021-3027407

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 by electronic mail pursuant to the Emergency Order at Docket Number M-2020-3019262:

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:

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

Julianne Freeman, Esquire
General Attorney
Norfolk Southern Railroad Company
Three Commercial Place
Norfolk, VA 23510-9241
Julianne.Freeman@nscorp.com

Julie Wheeler, President
York County Commissioners
28 East Market Street
York, PA 17401
jlwheeler@yorkcountypa.gov

Antony D. Lain
Manchester Township
C/O CS Davidson Inc
38 North Duke Street
York, PA 17401
ADL@csdavidson.com

Marcy Krum-Tinsley, Manager
Spring Garden Township
558 South Ogontz Street
York, PA 17403
mkrumtinsley@sgtwp.org

Justin Henry
Columbia Gas of PA, Inc.
1600 Colony Road
York, PA 17408
justinhenry@nisource.com

Jack Graybill
North York Borough
350 East 6th Avenue
York, PA 17404
Boroughofnorthyork_905@comcast.net

Brian Stoner
MetEd
501 Parkway Boulevard
York, PA 17404
bstoner@firsenergy.com

Garry Bogaczyk
Comcast Cable Communications, Inc.
1050 East King Street
York, PA 17402
garry_bogaczyk@comcast.com

Luis Marelllo
AT&T Corporation
Business Parkway NE
Conyers, GA 30013
LM5215@ATT.COM

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

David Newwister
Verizon North
31 S. Beaver Street
PO Box 1928
York, PA 17405
dave.newmister@verizon.com

Kent K. Crown
York Water Company
130 E. Market Street
PO Box 15089
York, PA 17405
kentc@yorkwater.com

John Ruskay
Sunoco Pipeline LP
C/O Energy Transfer Partners, LLC
525 Fritztown Road
Sinking Spring, PA 19608
john.ruskay@energytransfer.com

Dated this Sept Day of 6th of 2022



Ahmed Lasloudji
2140 Herr Street
(717) 787-4732
alasloudji@pa.gov

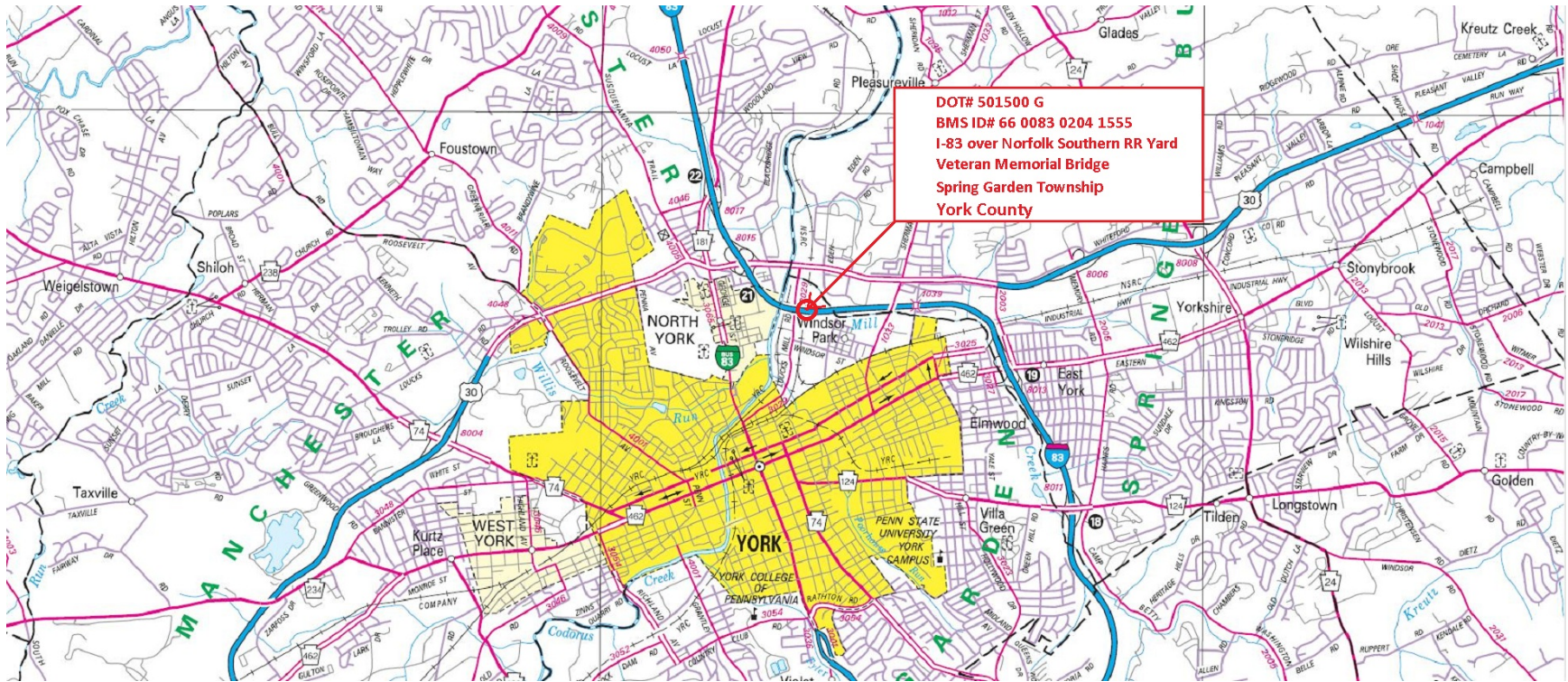
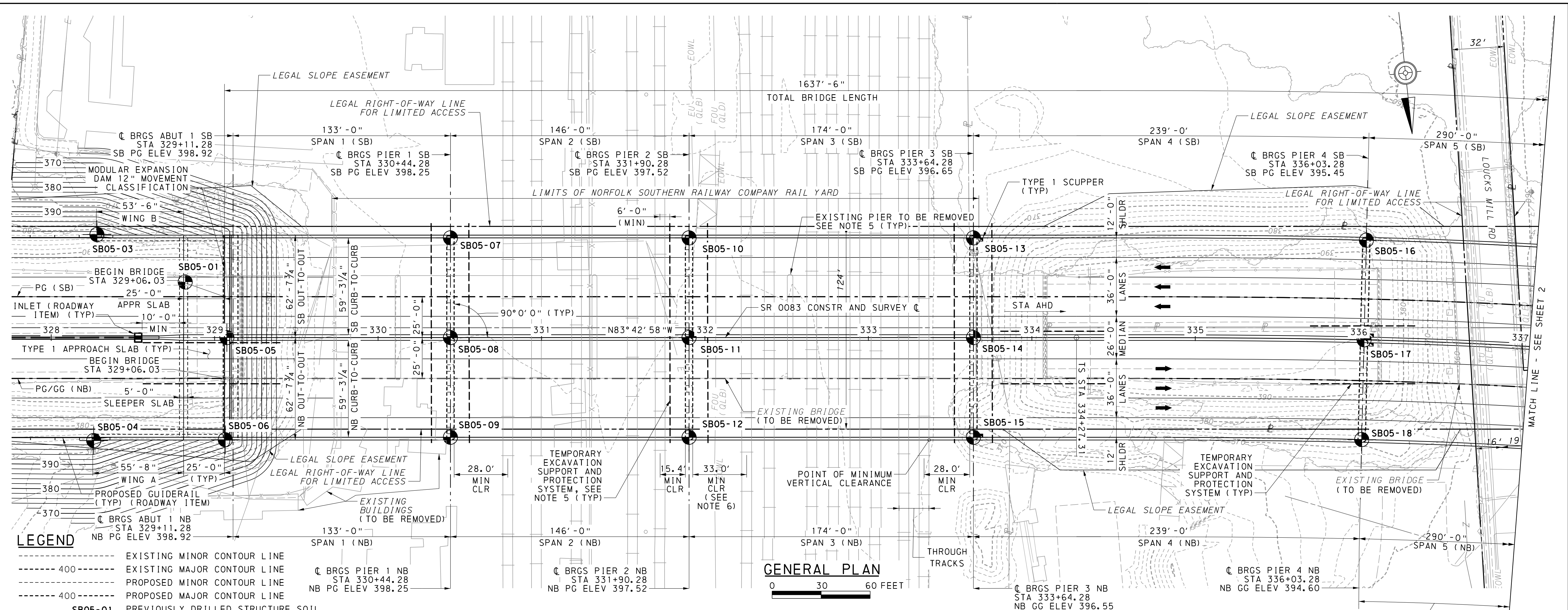


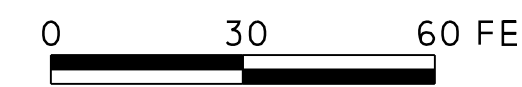
EXHIBIT "A"

DOT-2015
 09-01-2015
 01-ANSI D:PRO-P1.1

4/28/2021
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GENERAL PLAN



LEGEND

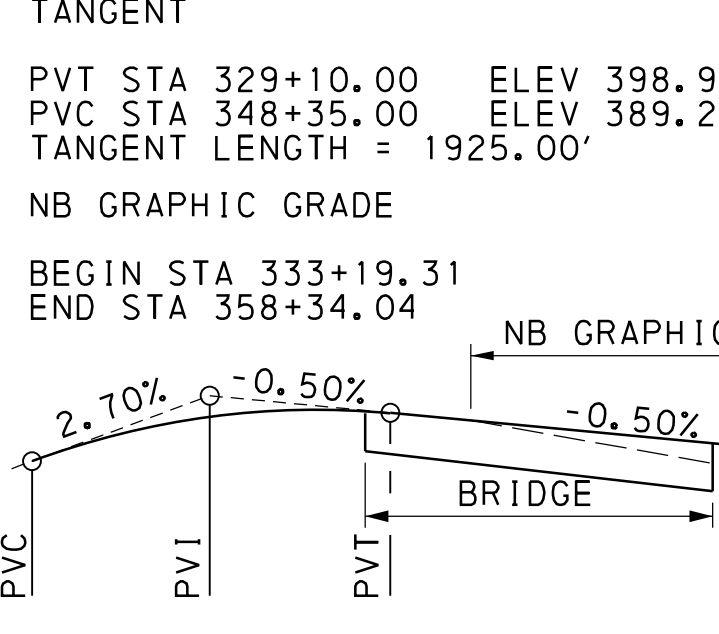
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- 400 ----- EXISTING MAJOR CONTOUR LINE
- 400 ----- PROPOSED MINOR CONTOUR LINE
- 400 ----- PROPOSED MAJOR CONTOUR LINE
- SB05-01 PREVIOUSLY DRILLED STRUCTURE SOIL BORING LOCATION AND IDENTIFICATION
- SB05-03 PROPOSED STRUCTURE SOIL BORING LOCATION AND IDENTIFICATION
- PROPOSED INLET (ROADWAY ITEM)
- EXISTING OVERHEAD UTILITY LINE
- TRAFFIC DIRECTION

HORIZONTAL GEOMETRY

TANGENT	CLOTHOID	CURVE
SR 0083		
N 83°42'58"W	TS STA 334+27.31	SC STA 337+07.31
PT STA 326+72.51	SPI STA 336+14.01	PI STA 346+01.04
TS STA 334+27.31	CS STA 337+07.31	CS STA 354+14.11
L = 754.80'	L = 280.00'	L = 1706.80'
		R = 2330.00'

VERTICAL GEOMETRY

CURVE	SR 0083
PVC STA 323+10.00	ELEV 392.33
PVI STA 326+10.00	ELEV 400.43
PVT STA 329+10.00	ELEV 398.92
L = 600.00'	



PROPOSED BORING LOCATIONS

BORING	STATION	OFFSET	BORING	STATION	OFFSET
SB05-01*	328+82	34' LT	SB05-11	331+90	0'
SB05-03	328+28	63' LT	SB05-12	331+90	61' RT
SB05-04	328+26	63' RT	SB05-13	333+64	61' LT
SB05-05	329+08	0'	SB05-14	333+64	0'
SB05-06	329+07	63' RT	SB05-15	333+64	61' RT
SB05-07	330+44	61' LT	SB05-16	336+03	61' LT
SB05-08	330+44	0'	SB05-17	336+03	0'
SB05-09	330+44	61' RT	SB05-18	336+03	61' RT
SB05-10	331+90	61' LT			

* PREVIOUSLY DRILLED BORINGS

INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	TYPE, SIZE, AND LOCATION PLAN 1
2	TYPE, SIZE, AND LOCATION PLAN 2
3	NB & SB ELEVATION 1
4	NB & SB ELEVATION 2
5	GENERAL NOTES & TYPICAL SECTIONS
6	TYPICAL PIER ELEVATIONS 1
7	TYPICAL PIER ELEVATIONS 2
8 TO 12	CONSTRUCTION STAGING

NOTES

1. FOR GENERAL NOTES AND TYPICAL SECTIONS, SEE SHEET 5.
2. MINIMUM PROVIDED HORIZONTAL CLEARANCE FROM FRONT FACE OF PIERS TO CENTERLINES OF ADJACENT RAILROAD TRACKS = 15.4'. PIERS WITHIN 22' OF THE CENTERLINE OF TRACK ARE DESIGNED AS HEAVY CONSTRUCTION.
3. MINIMUM REQUIRED AND PROVIDED HORIZONTAL CLEARANCE FROM FRONT FACE OF PIERS TO EDGE OF TRAVEL LANE FOR LOUCKS MILL RD = 19' (14' CLR + 5' FUTURE BICYCLE LANE).
4. FOR SUPPLEMENTAL DRAWINGS, SEE SHEET 5.
5. REMOVE TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEM AND EXISTING SUBSTRUCTURE UNITS TO 2'-0" (MINIMUM) BELOW PROPOSED GRADE WHEN WITHIN 14'-0" OF CENTERLINE OF TRACK.
6. ADDITIONAL CLEARANCE PROVIDED FOR ADDITION OF FUTURE TRACK.

MARK	DESCRIPTION	BY	CHK'D	REC'D	DATE
REVISIONS					

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION

YORK COUNTY
 S.R. 0083 SEC 091

SEG 0204 OFFSET 0000 NB; SEG 0205 OFFSET 0000 SB
 SR 0083 STA 337+24.81
 OVER N/S RAIL YARD, LOUCKS MILL, CODORUS CREEK
8-SPAN CONTINUOUS STEEL PLATE GIRDER BRIDGE
GENERAL PLAN 1

RECOMMENDED _____ SHEET 1 OF 12

DISTRICT BRIDGE ENGINEER

S-39605

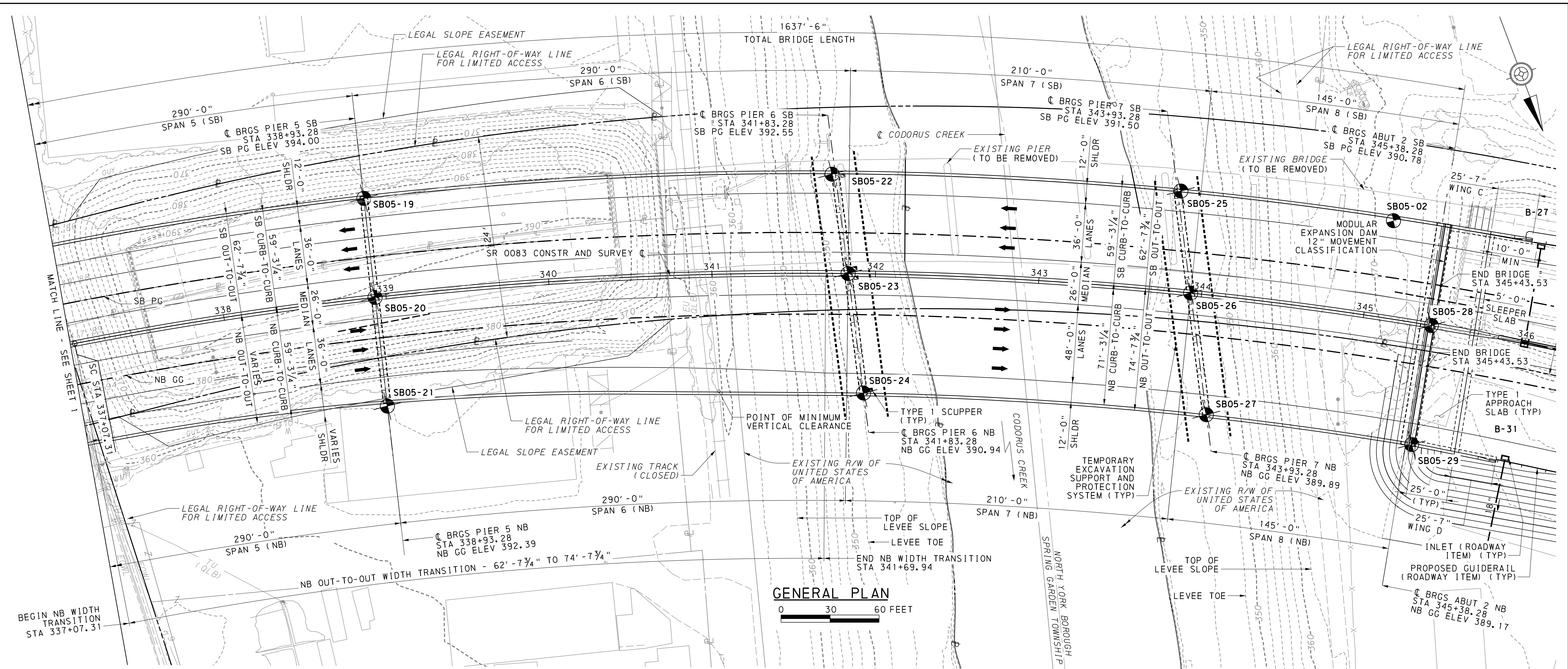
PREPARED BY:

Stantec

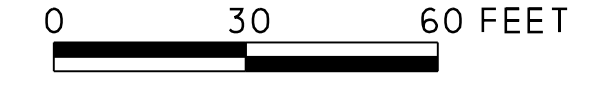
STANTEC CONSULTING SERVICES, INC.
 5000 RITTER RD, STE 102
 MECHANICSBURG, PA 17055

SIGNATURE & DATE _____

4/28/2021 DOT 2015 (SURVEY - FEET) \US1555\F01\shard.p 3/9/15 10:50:27 1314422.1.100 Record\13.0 CADD\13.2 Structures\BR-IDD5\1442_IDD5.s IPS02_GP02.dgn
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GENERAL PLAN



LEGEND

- EXISTING MINOR CONTOUR LINE
- 400 ----- EXISTING MAJOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- 400 ----- PROPOSED MAJOR CONTOUR LINE
- SB05-02 PREVIOUSLY DRILLED STRUCTURE SOIL BORING LOCATION AND IDENTIFICATION
- SB05-19 PROPOSED STRUCTURE SOIL BORING LOCATION AND IDENTIFICATION
- PROPOSED INLET (ROADWAY ITEM)
- EXISTING OVERHEAD UTILITY LINE
- ➔ TRAFFIC DIRECTION

NOTES

1. FOR SR 0083 HORIZONTAL AND VERTICAL GEOMETRY, SEE SHEET 1.
2. FOR GENERAL NOTES AND TYPICAL SECTIONS, SEE SHEET 5.
3. FOR SUPPLEMENTAL DRAWINGS, SEE SHEET 5.

HYDRAULIC DATA FOR CODORUS CREEK		
	EXISTING CONDITION	PROPOSED CONDITION
DRAINAGE AREA	237 SQ MI	237 SQ MI
WATERWAY OPENING	27,135 SF (13,915 SF CODORUS CREEK BRIDGE, 2,404 SF LOUCKS MILL ROAD BRIDGE, AND 10,816 SF NORFOLK SOUTHERN BRIDGE)	33,358 SF
DESIGN FLOOD FLOW (50 YR)	20,805 CFS	20,805 CFS
DESIGN HIGH WATER ELEVATION (50 YR)	359.90 FT	359.83 FT
DESIGN FLOW VELOCITY (50 YR)	5.8 FPS	5.9 FPS
DESIGN FLOOD FLOW (100 YR)	27,063 CFS	27,063 CFS
DESIGN HIGH WATER ELEVATION (100 YR)	363.23 FT	363.20 FT
DESIGN FLOW VELOCITY (100 YR)	6.2 FPS	6.2 FPS
DESIGN FLOOD FLOW (FEMA 100 YR)	19,900 CFS	19,900 CFS
DESIGN HIGH WATER ELEVATION (FEMA 100 YR)	362.26 FT	362.21 FT
DESIGN FLOW VELOCITY (FEMA 100 YR)	4.9 FPS	4.9 FPS

PROPOSED BORING LOCATIONS					
BORING	STATION	OFFSET	BORING	STATION	OFFSET
SB05-02*	345+09	60' LT	SB05-24	341+93	73' RT
SB05-19	338+93	61' LT	SB05-25	343+81	61' LT
SB05-20	338+93	0'	SB05-26	343+93	0'
SB05-21	338+93	67' RT	SB05-27	344+11	73' RT
SB05-22	341+73	61' LT	SB05-28	345+42	0'
SB05-23	341+83	0'	SB05-29	345+42	74' RT

* PREVIOUSLY DRILLED BORINGS

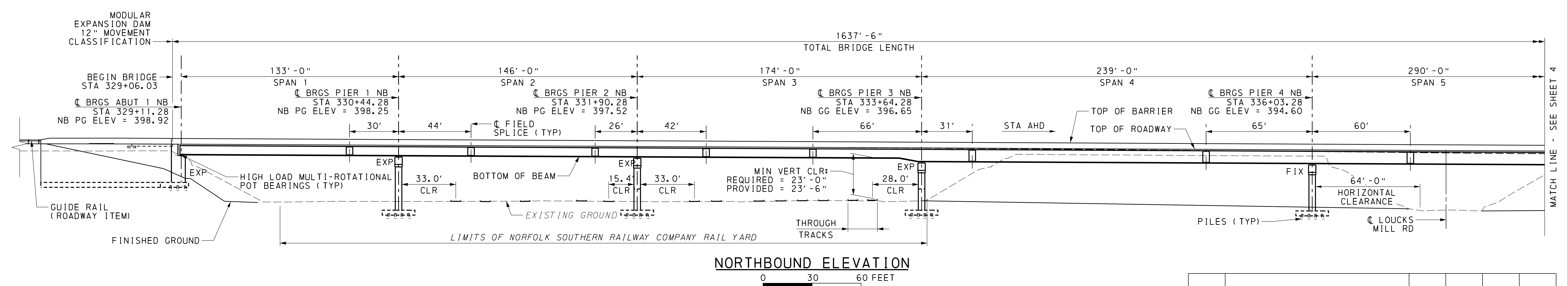
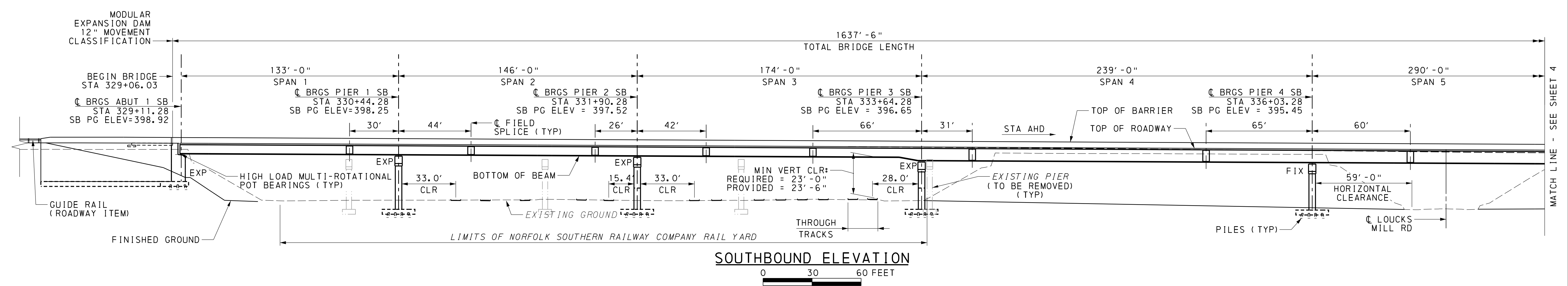
MARK	DESCRIPTION	BY	CHK'D	RECM'D	DATE
REVISIONS					

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION
YORK COUNTY
 S.R. 0083 SEC 091
 SEG 0204 OFFSET 0000 NB; SEG 0205 OFFSET 0000 SB
 SR 0083 STA 337+24.81
 OVER N/S RAIL YARD, LOUCKS MILL, CODORUS CREEK
8-SPAN CONTINUOUS STEEL PLATE GIRDER BRIDGE
GENERAL PLAN 2

RECOMMENDED _____
 SHEET 2 OF 12
 S-39605

DOT-2015
090503
DOT-ANSI D:PG-P-11

4/28/2021
DOT-2015 (SURVEY FILE)
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NOTES

1. FOR SR 0083 HORIZONTAL AND VERTICAL GEOMETRY, SEE SHEET 1.
2. FOR GENERAL NOTES AND TYPICAL SECTIONS, SEE SHEET 5.
3. FOR SUPPLEMENTAL DRAWINGS, SEE SHEET 5.

MARK	DESCRIPTION	BY	CHK'D	RECM'D	DATE
REVISIONS					

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

YORK COUNTY
S.R. 0083 SEC 091

SEG 0204 OFFSET 0000 NB; SEG 0205 OFFSET 0000 SB
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OVER N/S RAIL YARD, LOUCKS MILL, CODORUS CREEK
8-SPAN CONTINUOUS STEEL PLATE GIRDER BRIDGE
NB & SB ELEVATION 1

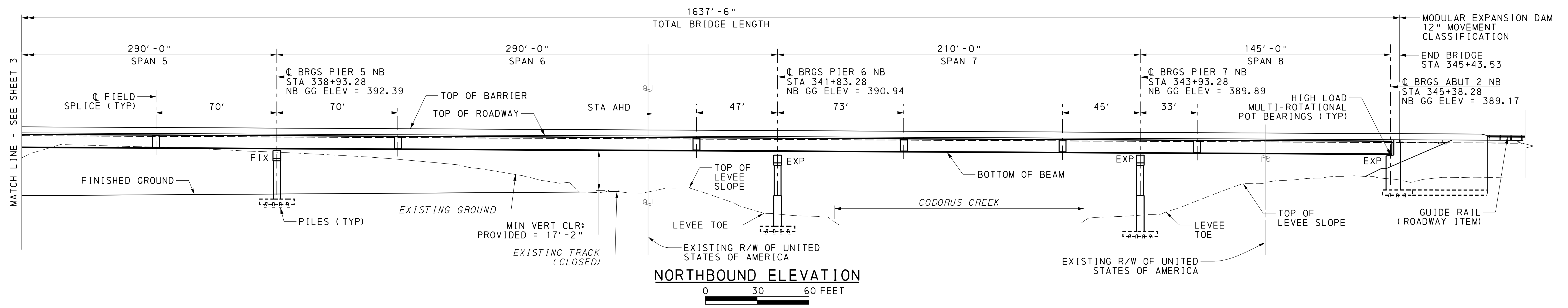
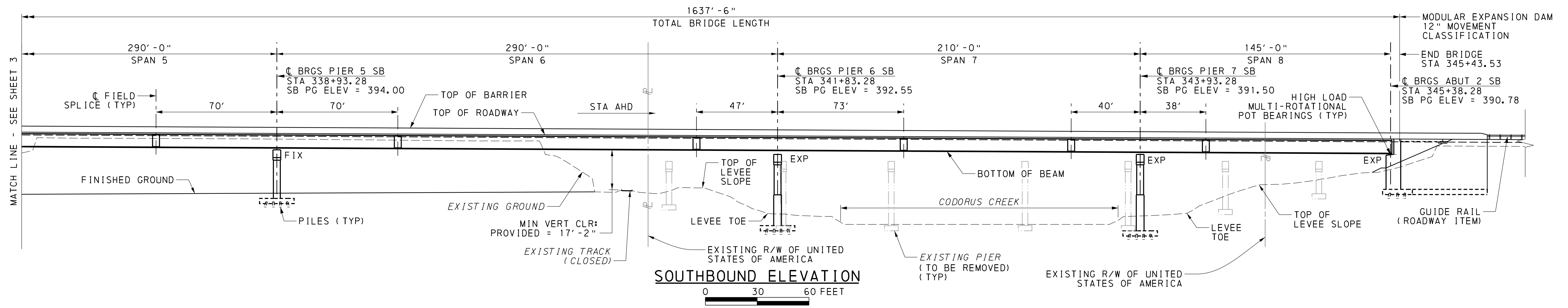
RECOMMENDED _____

SHEET 3 OF 12

S-39605

DOT-2015
09/01/2015
DOT-ANSI
DOT-ANSI
DOT-ANSI

4/28/2021
DOT-2015 (SURVEY - FEET)
N:\S15356-F01\shaded_P\314422\1-100_Records\13.0_CADD\13.2_Structures\BR-IDD5\1442_ID05.s\PS04_EI02.dgn



NOTES

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2. FOR GENERAL NOTES AND TYPICAL SECTIONS, SEE SHEET 5.
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MARK	DESCRIPTION	BY	CHK'D	RECM'D	DATE
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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

YORK COUNTY
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SEG 0204 OFFSET 0000 NB; SEG 0205 OFFSET 0000 SB
SR 0083 STA 337+24.81
OVER N/S RAIL YARD, LOUCKS MILL, CODORUS CREEK
8-SPAN CONTINUOUS STEEL PLATE GIRDER BRIDGE
NB & SB ELEVATION 2

RECOMMENDED _____

SHEET 4 OF 12

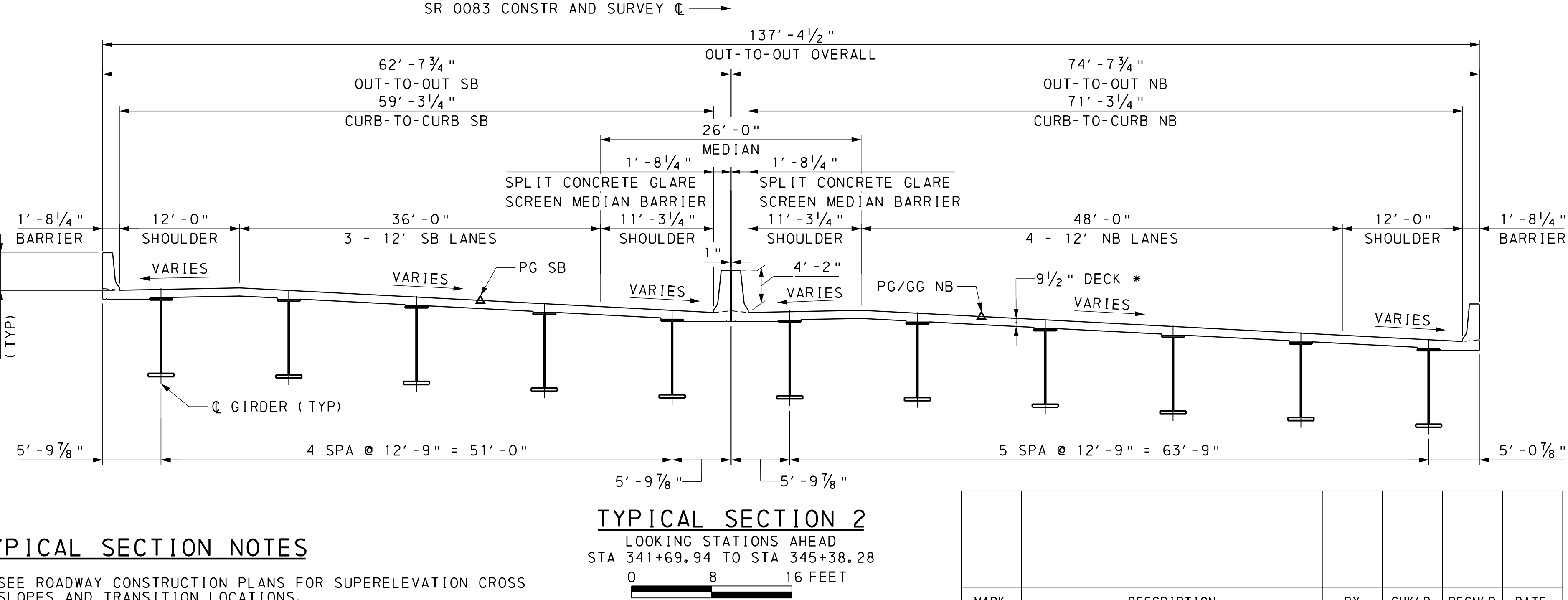
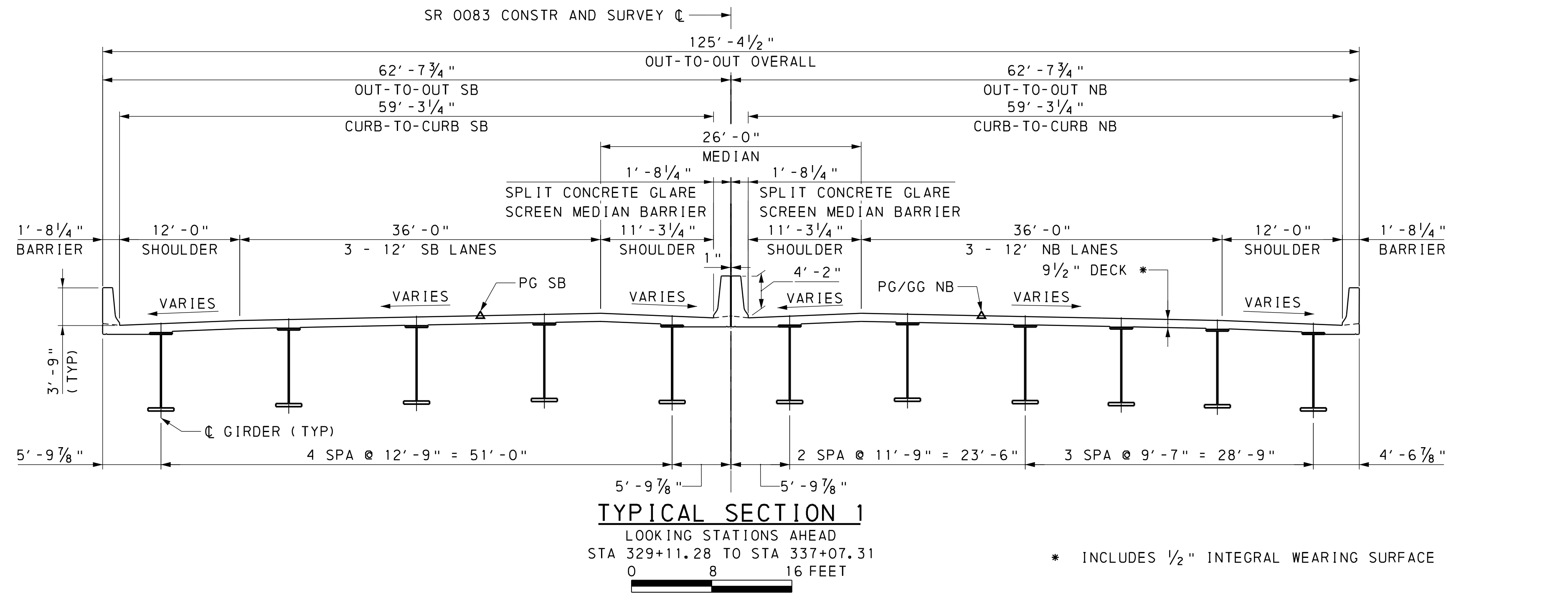
S-39605

GENERAL NOTES:

- DESIGN SPECIFICATIONS: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 7TH EDITION, 2014, AND AS SUPPLEMENTED BY DESIGN MANUAL, PART 4, DECEMBER 2019 (INCLUDING LATEST REVISIONS).
LIVE LOAD DISTRIBUTION TO GIRDERS IS BASED UPON THREE-DIMENSIONAL FINITE ELEMENT ANALYSIS METHOD.
DESIGN IS IN ACCORDANCE WITH THE LRFD METHOD.
- DESIGN LIVE LOADS: PHL-93 OR P-82 (204 KIP PERMIT LOAD)
FATIGUE DESIGN IS BASED ON THE FOLLOWING: ADTT 96177 (2042) (ONE-DIRECTIONAL)
- DEAD LOADS:
INCLUDES SURFACE AREA DENSITY OF 0.030 KSF FOR FUTURE WEARING SURFACE ON THE DECK SLAB.
INCLUDES A SURFACE AREA DENSITY OF 0.015 KSF FOR PERMANENT METAL DECK FORMS WHICH TAKES INTO ACCOUNT THE WEIGHT OF THE FORM, PLUS THE WEIGHT OF THE CONCRETE IN THE VALLEYS OF THE FORMS.
- PROVIDE MATERIALS AND PERFORM WORK IN ACCORDANCE WITH SPECIFICATIONS, PUBLICATION 408/2016 CHANGE NO. 4, AASHTO/AWS D1.5M/D1.5 2008 BRIDGE WELDING CODE, 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 BARRIERS, DIVISORS, TYPE 1 APPROACH SLABS, CONCRETE DIAPHRAGMS, ABUTMENT BACKWALLS, CHEEK WALLS, SHEAR BLOCKS, U-WINGS ABOVE BRIDGE SEAT CONSTRUCTION JOINT, FOOTINGS (WHEN SPECIFIED) AND SOUND BARRIERS.
- USE CLASS A CEMENT CONCRETE IN CURTAIN WALLS, PIERS, ABUTMENTS BELOW BRIDGE SEAT, PEDESTALS, WINGWALLS, RETAINING WALLS, AND FOOTINGS.
- USE CLASS C CEMENT CONCRETE BELOW THE BOTTOM OF FOOTINGS WHEN SPECIFIED.
- 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 DECK SLAB, BARRIERS, SIDEWALK, ABUTMENT BACKWALLS, U-WINGS ABOVE THE CONSTRUCTION JOINT, STIRRUPS PROTRUDING FROM DIAPHRAGMS AND PRESTRESSED BEAMS INTO THE DECK SLAB, AND PIER AND ABUTMENT SEAT BARS WHERE EXPANSION DAMS ARE USED. EPOXY-COAT J-BAR REINFORCEMENT IN SUBSTRUCTURE UNITS AND EPOXY-COAT OTHER SUBSTRUCTURE REINFORCEMENT BARS AS INDICATED.
- 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.
- SITE CLASS IS TBD.
- CONSTRUCT DECK SLAB TRANSVERSE CONSTRUCTION JOINTS PARALLEL TO BRIDGE CENTERLINE OF BEARINGS.
- ABUTMENT BACKWALLS MAY BE PLACED UP TO A CONSTRUCTION JOINT BELOW THE LEVEL OF THE BOTTOM OF DECK SLAB PRIOR TO CONSTRUCTION OF THE DECK.
- NOTIFY THE REGIONAL HEADQUARTERS OF THE FISH COMMISSION PRIOR TO CONSTRUCTION AND COOPERATE WITH FISH COMMISSION DURING CONSTRUCTION.
- PLACE CHEEKWALL, CONCRETE SHEAR BLOCKS, AND BACKWALL CONCRETE AFTER BEAMS ARE SET IN POSITION.
- CHAMFER EXPOSED CONCRETE EDGES 1 IN. BY 1 IN., EXCEPT AS NOTED.
- ALL DIMENSIONS SHOWN ARE HORIZONTAL, EXCEPT AS NOTED.
- USE EITHER PERMANENT METAL FORMS OR REMOVABLE FORMS TO CONSTRUCT THE DECK SLAB.
- DECK SLAB THICKNESS INCLUDES A 1/2 IN. INTEGRAL WEARING SURFACE.
- 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.
- BRIDGES ARE NOT WEIGHT RESTRICTED. SEE PUBLICATION 408 SECTION 105.17 FOR CONSTRUCTION LOADING LIMITS.

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.



TYPICAL SECTION NOTES

- SEE ROADWAY CONSTRUCTION PLANS FOR SUPERELEVATION CROSS SLOPES AND TRANSITION LOCATIONS.
- NORTHBOUND LANES TRANSITION BETWEEN TYPICAL SECTION 1 AND TYPICAL SECTION 2 FROM STA 337+07.31 TO STA 341+69.94.

MARK	DESCRIPTION	BY	CHK'D	RECM'D	DATE
REVISIONS					

DESCRIPTION	DWG. NO.	RECC. DATE
PERMANENT METAL DECK FORMS	BC-732M	01/31/2019
WALL CONSTRUCTION AND EXPANSION JOINT DETAILS	BC-735M	09/30/2016
REINFORCEMENT BAR FABRICATION DETAILS	BC-736M	01/31/2019
BRIDGE BARRIER TO GUIDE RAIL TRANSITION	BC-739M	01/31/2019
BRIDGE DRAINAGE	BC-751M	01/31/2019
CONCRETE DECK SLAB DETAILS	BC-752M	09/30/2016
STEEL GIRDER DETAILS	BC-753M	01/31/2019
STEEL DIAPHRAGMS FOR STEEL BEAM/GIRDER STRUCTURES (STRAIGHT GIRDERS ONLY)	BC-754M	01/31/2019
BEARINGS	BC-755M	01/31/2019
HIGH LOAD MULTI ROTATIONAL POT BEARINGS	BC-756M	09/30/2016
TYPICAL WATERPROOFING AND EXPANSION DETAILS	BC-788M	01/31/2019
CLASSIFICATION OF EARTHWORK FOR STRUCTURES	RC-11M	06/01/2010
BACKFILL AT STRUCTURES	RC-12M	02/08/2019
BRIDGE APPROACH SLABS	RC-23M	02/08/2019
CONCRETE MEDIAN BARRIER	RC-57M	06/01/2010

SUPPLEMENTAL DRAWINGS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

YORK COUNTY
S.R. 0083 SEC 091

SEG 0204 OFFSET 0000 NB; SEG 0205 OFFSET 0000 SB
SR 0083 STA 337+24.81
OVER N/S RAIL YARD, LOUCKS MILL, CODORUS CREEK

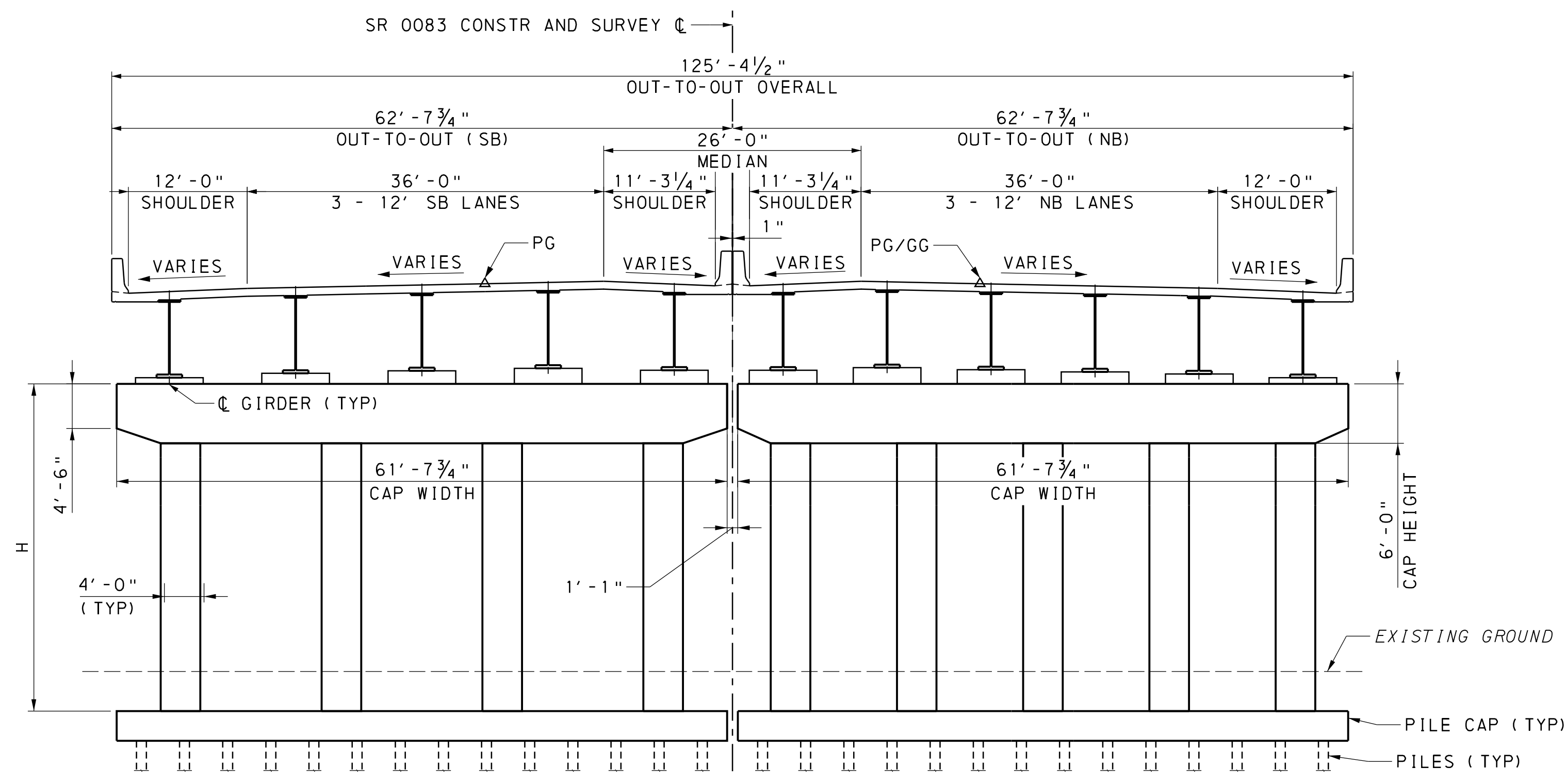
8-SPAN CONTINUOUS STEEL PLATE GIRDER BRIDGE
GENERAL NOTES & TYPICAL SECTIONS

RECOMMENDED _____

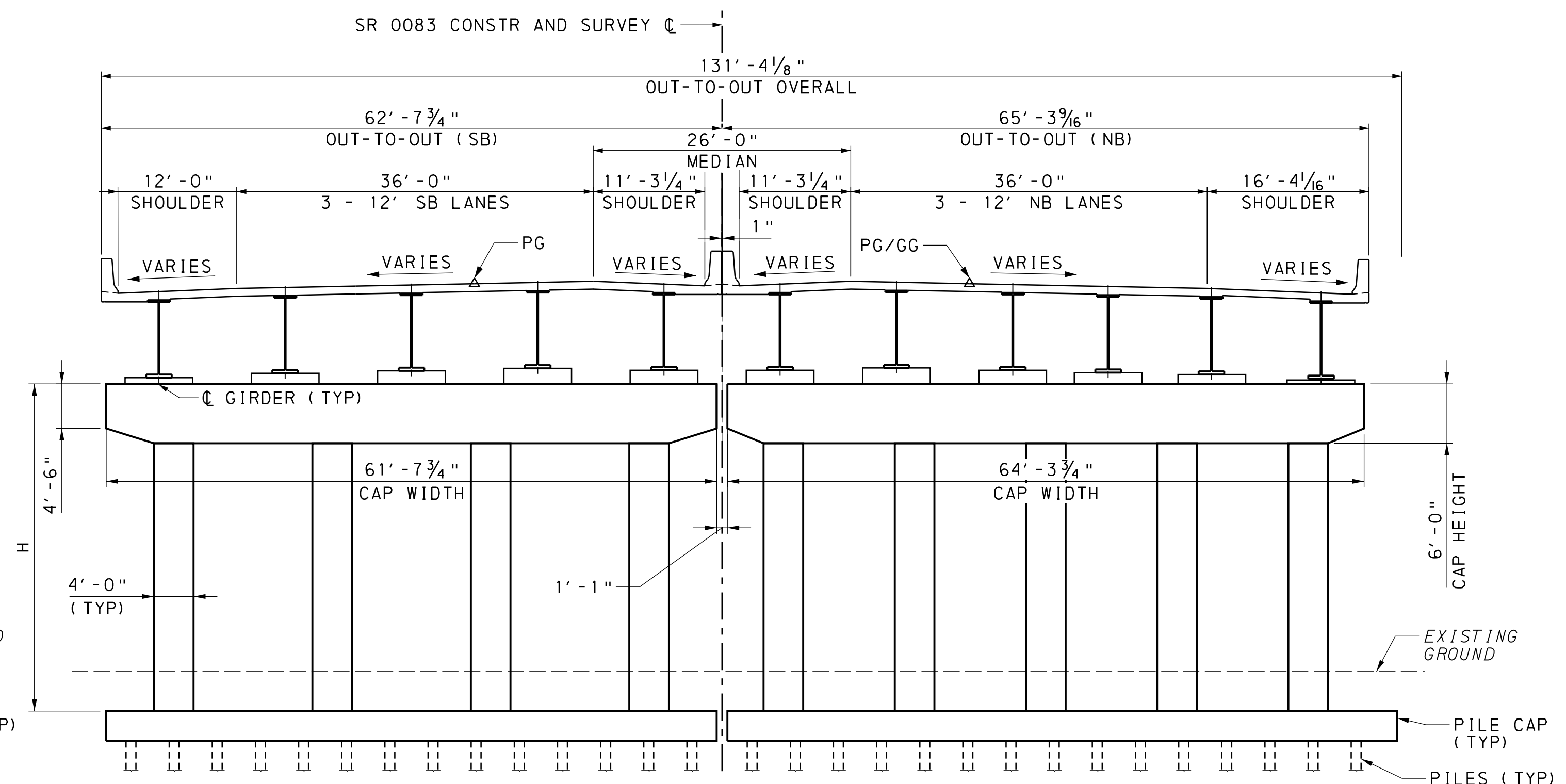
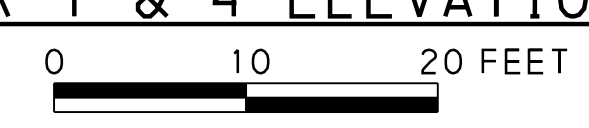
SHEET 5 OF 12
& SUPPLEMENTAL
DRAWINGS
S-39605

4/28/2021 DOT 2015 (SURVEY: FEEET) NUS1536-F01\shred.pj 9:55:15 AM 2021/04/28 1:100 Record\13.0 CADD\13.2 Structures\BB-IDD5\1442.IDD5.s\PS05_GenNotes01.dgn
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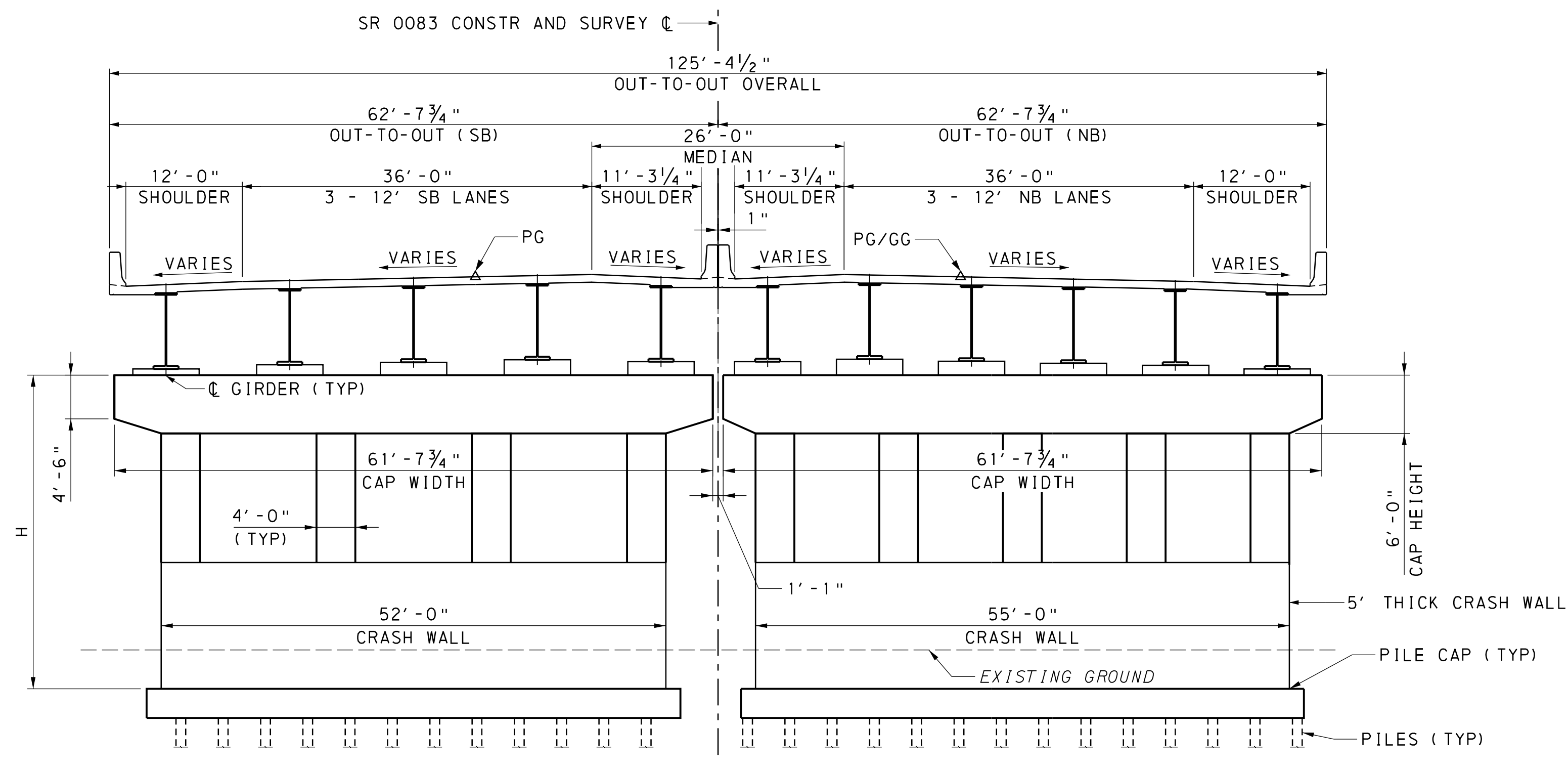
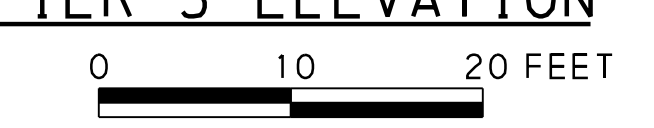
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SR 0083
DOT-ANSI D:PG-P1.1



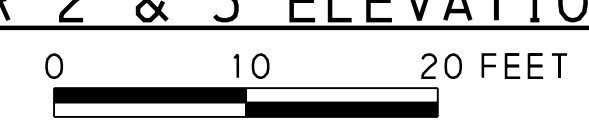
SOUTHBOUND NORTHBOUND
PIER 1 & 4 ELEVATION



SOUTHBOUND NORTHBOUND
PIER 5 ELEVATION



SOUTHBOUND NORTHBOUND
PIER 2 & 3 ELEVATION



PIER HEIGHTS	
PIER NUMBER	H (FT)
PIER 1	33.05
PIER 2	32.30
PIER 3	31.51
PIER 4	32.15
PIER 5	30.70

NOTES

- FOR SR 0083 HORIZONTAL AND VERTICAL GEOMETRY, SEE SHEET 1.
- FOR GENERAL NOTES AND TYPICAL SECTIONS, SEE SHEET 5.
- FOR SUPPLEMENTAL DRAWINGS, SEE SHEET 5.

MARK	DESCRIPTION	BY	CHK'D	RECM'D	DATE
REVISIONS					

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

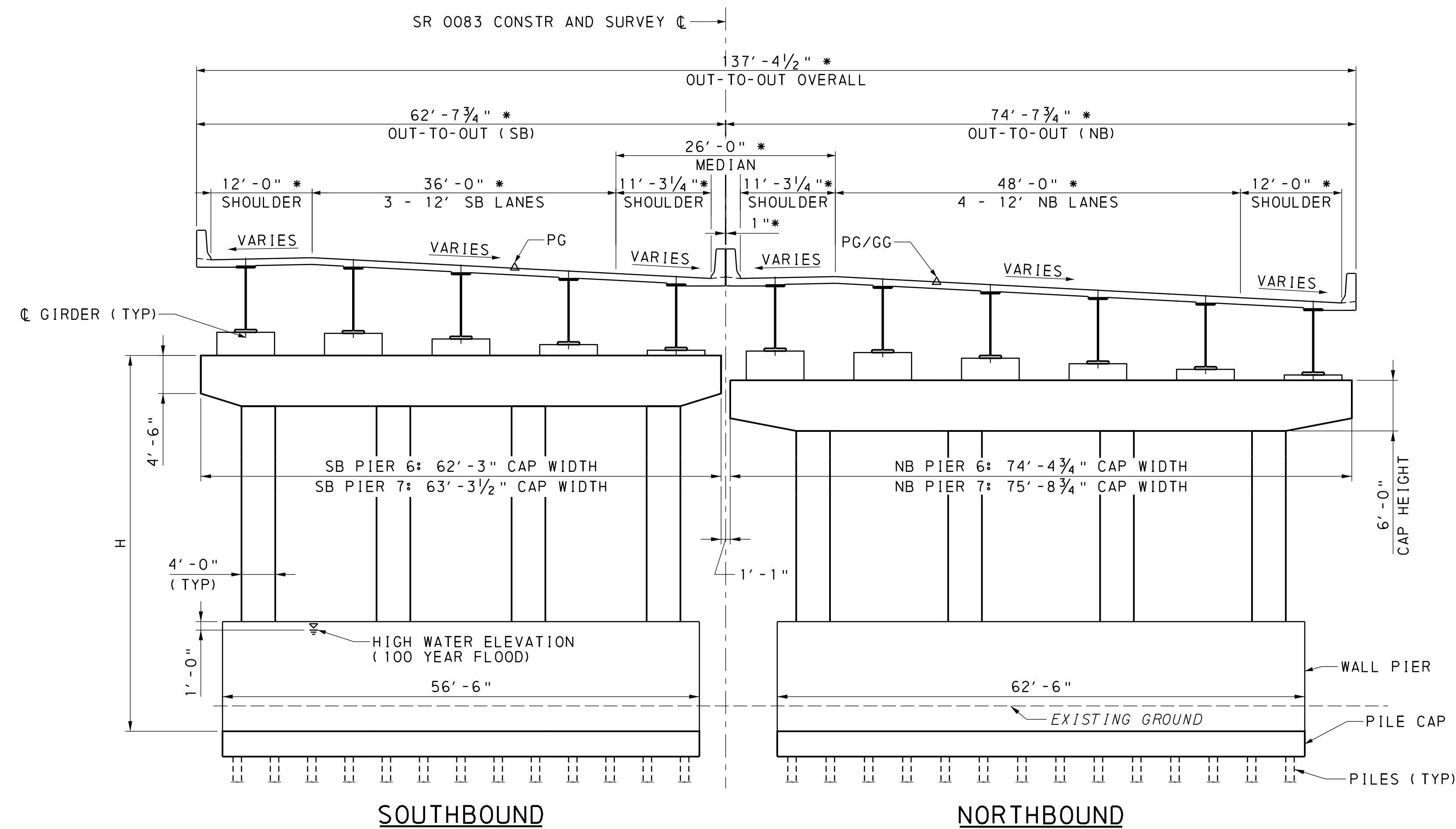
YORK COUNTY
S.R. 0083 SEC 091

SEG 0204 OFFSET 0000 NB; SEG 0205 OFFSET 0000 SB
SR 0083 STA 337+24.81
OVER N/S RAIL YARD, LOUCKS MILL, CODORUS CREEK
8-SPAN CONTINUOUS STEEL PLATE GIRDER BRIDGE
TYPICAL PIER ELEVATIONS 1

RECOMMENDED _____ SHEET 6 OF 12

S-39605

2/12/2021
DOT-2015 (SURVEY FEET)
DOT-ANSI D:PG-P1.1
Stantec
DES: KJD DWG: KJD CHK: SB



TYPICAL PIER 6 & 7 ELEVATION

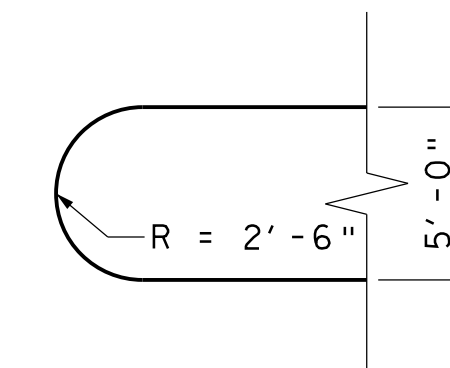


* DIMENSIONS GIVEN RADIAL TO SR 0083 CONSTR AND SURVEY CL

PIER HEIGHTS	
PIER NUMBER	H (FT)
PIER 6	40.05
PIER 7	39.03

NOTES

1. FOR SR 0083 HORIZONTAL AND VERTICAL GEOMETRY, SEE SHEET 1.
2. FOR GENERAL NOTES AND TYPICAL SECTIONS, SEE SHEET 5.
3. FOR SUPPLEMENTAL DRAWINGS, SEE SHEET 5.



WALL PIER END TREATMENT
 NOT TO SCALE

MARK	DESCRIPTION	BY	CHK'D	RECM'D	DATE
REVISIONS					

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION

YORK COUNTY
 S.R. 0083 SEC 091
 SEG 0204 OFFSET 0000 NB; SEG 0205 OFFSET 0000 SB
 SR 0083 STA 337+24.81
 OVER N/S RAIL YARD, LOUCKS MILL, CODORUS CREEK
 8-SPAN CONTINUOUS STEEL PLATE GIRDER BRIDGE
 TYPICAL PIER ELEVATIONS 2

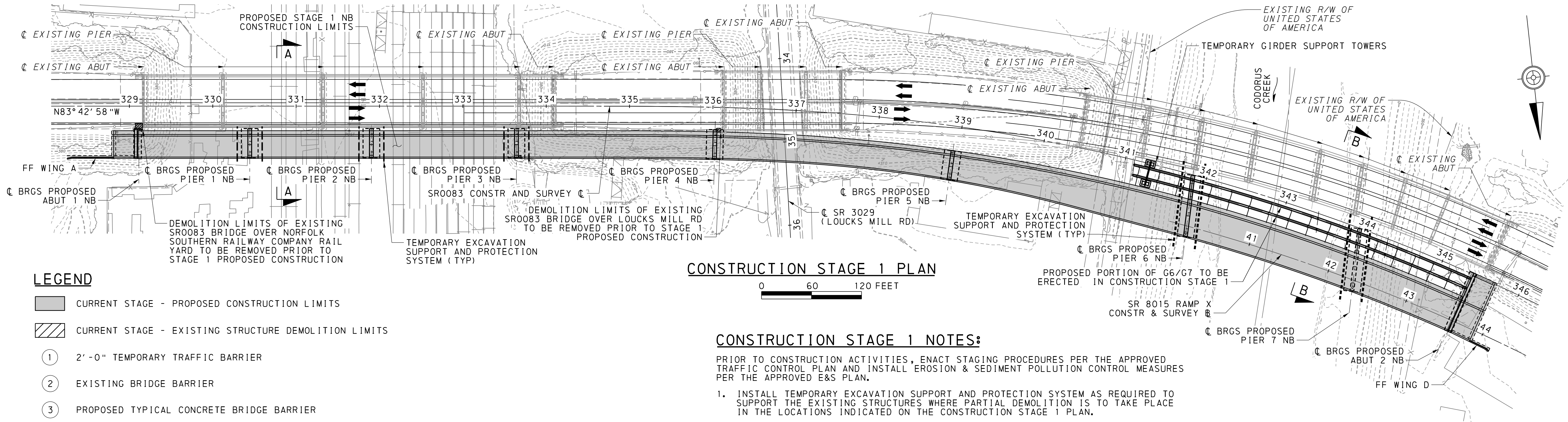
RECOMMENDED _____

SHEET 7 OF 12

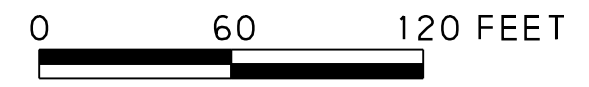
S-39605

DOT-2015
 09/01/15
 01-ANSI D-P-11

4/28/2021
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CONSTRUCTION STAGE 1 PLAN



LEGEND

- CURRENT STAGE - PROPOSED CONSTRUCTION LIMITS
- CURRENT STAGE - EXISTING STRUCTURE DEMOLITION LIMITS
- ① 2'-0" TEMPORARY TRAFFIC BARRIER
- ② EXISTING BRIDGE BARRIER
- ③ PROPOSED TYPICAL CONCRETE BRIDGE BARRIER

STAGED CONSTRUCTION NOTES:

1. THE ALPHANUMERIC STAGING DESIGNATION INDICATED IN THE STRUCTURE PLAN SET CORRESPONDS TO THE CONSTRUCTION STAGING SHOWN IN THE TRAFFIC CONTROL PLAN (TCP). THE NUMERIC VALUE REPRESENTS THE STAGE LISTED IN THE TCP AND THE ALPHABETIC VALUE REPRESENTS THE STRUCTURE PHASE. I.E. STAGE 2A INDICATES TCP STAGE 2, STRUCTURE PHASE A.
2. COORDINATE ALL WORK WITH THE APPROVED TRAFFIC CONTROL PLAN AND THE APPROVED EROSION & SEDIMENT POLLUTION CONTROL PLAN (E&S PLAN).

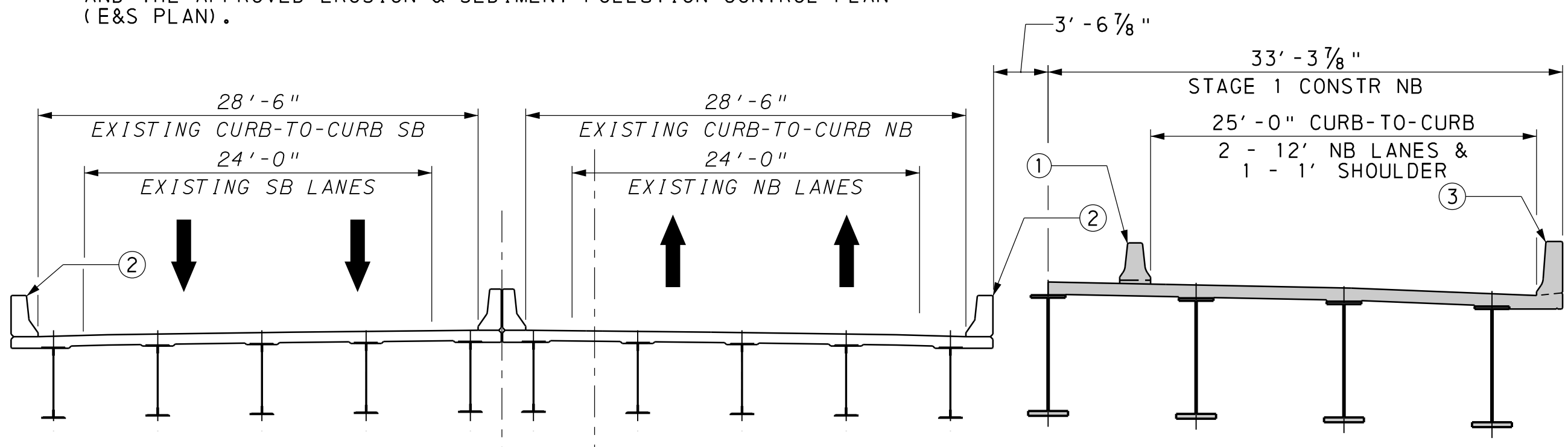
CONSTRUCTION STAGE 1 NOTES:

PRIOR TO CONSTRUCTION ACTIVITIES, ENACT STAGING PROCEDURES PER THE APPROVED TRAFFIC CONTROL PLAN AND INSTALL EROSION & SEDIMENT POLLUTION CONTROL MEASURES PER THE APPROVED E&S PLAN.

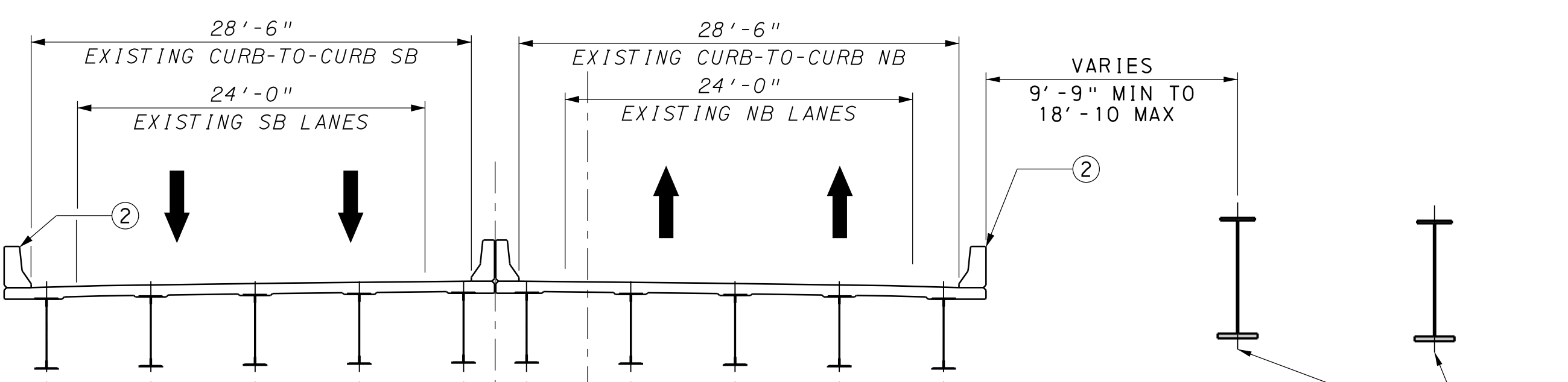
1. INSTALL TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEM AS REQUIRED TO SUPPORT THE EXISTING STRUCTURES WHERE PARTIAL DEMOLITION IS TO TAKE PLACE IN THE LOCATIONS INDICATED ON THE CONSTRUCTION STAGE 1 PLAN.
2. DEMOLISH PORTION OF EXISTING SRO083 BRIDGE OVER NORFOLK SOUTHERN RAILWAY COMPANY RAIL YARD AND PORTION OF EXISTING SRO083 BRIDGE OVER LOUCKS MILL ROAD TO PROVIDE SUFFICIENT CLEARANCE FOR PROPOSED CONSTRUCTION OF PORTION OF NORTHBOUND SRO083 FOUNDATIONS/SUBSTRUCTURE UNITS.
3. PROPOSED NORTHBOUND CONSTRUCTION:
 - INSTALL TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEM AS REQUIRED AT PROPOSED PIERS 1 THROUGH 3, 6, & 7.
 - EXCAVATE AND CONSTRUCT PORTION OF NORTHBOUND ABUTMENT 1 FOOTING AS INDICATED. EXCAVATE AND CONSTRUCT NORTHBOUND ABUTMENT 2 FOOTING IN ITS ENTIRETY.
 - EXCAVATE AND CONSTRUCT PORTION OF FOOTINGS FOR PROPOSED NORTHBOUND PIERS 1 THROUGH 5 AS INDICATED.
 - EXCAVATE AND CONSTRUCT NORTHBOUND PIERS 6 & 7 FOOTINGS IN THEIR ENTIRETY.
 - CONSTRUCT PORTION OF NORTHBOUND ABUTMENT 1 STEM AND WINGWALL A IN ITS ENTIRETY AS INDICATED. CONSTRUCT NORTHBOUND ABUTMENT 2 STEM IN ITS ENTIRETY AND WINGWALL D IN ITS ENTIRETY.
 - CONSTRUCT PORTION OF NORTHBOUND PIERS 1 THROUGH 5 AS INDICATED. CONSTRUCT NORTHBOUND PIERS 6 & 7 IN THEIR ENTIRETY.
 - REMOVE STAGE 1 TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEM AT PROPOSED NORTHBOUND PIERS 1 THROUGH 3, 6, & 7.
 - CONSTRUCT TEMPORARY GIRDER SUPPORT TOWERS, INSTALL POT BEARINGS AND ERECT PORTIONS OF GIRDERS G6 AND G7 IN SPANS 6, 7, AND 8 AS INDICATED.
 - INSTALL POT BEARINGS AND ERECT GIRDERS G8 THROUGH G11 IN ALL SPANS IN ACCORDANCE WITH THE GIRDER ERECTION SEQUENCE.
 - CONSTRUCT DECK SLAB OVER GIRDERS G8 THROUGH G11 ACCORDING TO THE DECK POUR SEQUENCE PLAN.
 - CONSTRUCT PORTION OF NORTHBOUND APPROACH SLAB 1 AND SLEEPER SLAB AS INDICATED. CONSTRUCT NORTHBOUND APPROACH SLAB 2 AND SLEEPER SLAB IN ITS ENTIRETY.
 - INSTALL TEMPORARY TRAFFIC BARRIER ON PROPOSED NORTHBOUND STRUCTURE AS INDICATED.

NOTES:

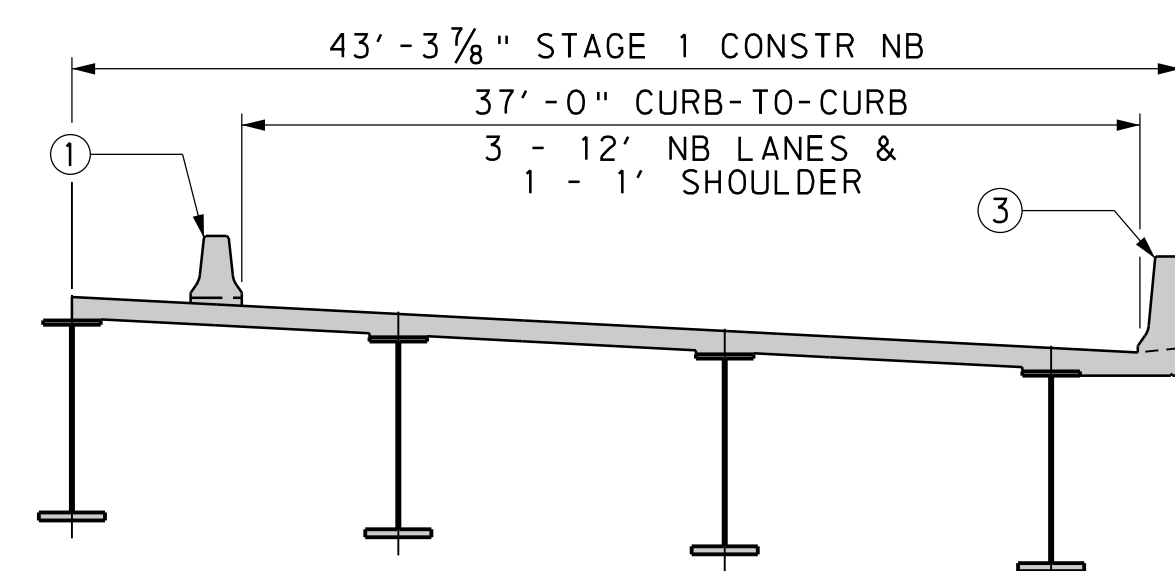
1. FOR ABUTMENT 1 DETAILS, SEE SHEETS XX THROUGH XX.
2. FOR ABUTMENT 2 DETAILS, SEE SHEETS XX THROUGH XX.
3. FOR PIER DETAILS, SEE SHEETS XX THROUGH XX.
4. FOR HIGH LOAD MULTI-ROTATIONAL POT BEARING DETAILS, SEE SHEETS XX THROUGH XX.
5. FOR STEEL GIRDER DETAILS, SEE SHEETS XX THROUGH XX.
6. FOR DECK DETAILS, SEE SHEETS XX THROUGH XX.
7. FOR APPROACH SLAB DETAILS, SEE SHEETS XX THROUGH XX.
8. FOR GIRDER ERECTION SEQUENCE, SEE SHEETS XX THROUGH XX.



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE



PARTIAL GIRDERS G6 AND G7 (ERECTED IN SPANS 6, 7, & 8)

MARK	DESCRIPTION	BY	CHK'D	RECM'D	DATE
REVISIONS					

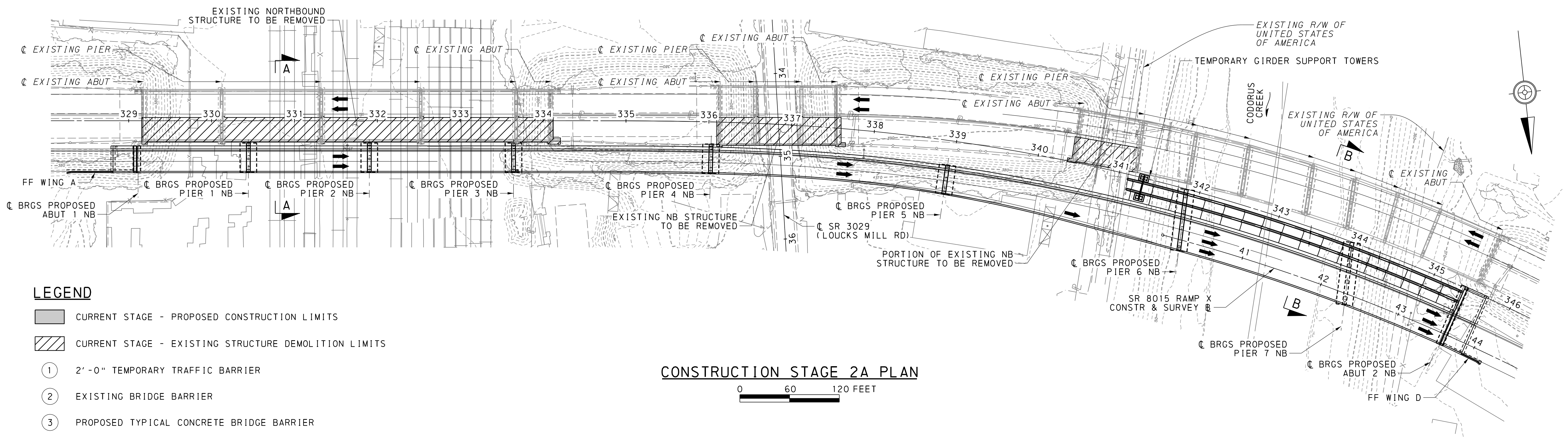
COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION
YORK COUNTY
 S.R. 0083 SEC 091
 SEG 0204 OFFSET 0000 NB; SEG 0205 OFFSET 0000 SB
 SR 0083 STA 337+24.81
 OVER N/S RAIL YARD, LOUCKS MILL, CODORUS CREEK
8-SPAN CONTINUOUS STEEL PLATE GIRDER BRIDGE
CONSTRUCTION STAGE 1

RECOMMENDED _____



DOT-2015
09-01-00
DOT-ANSI D_PDF-P1.1

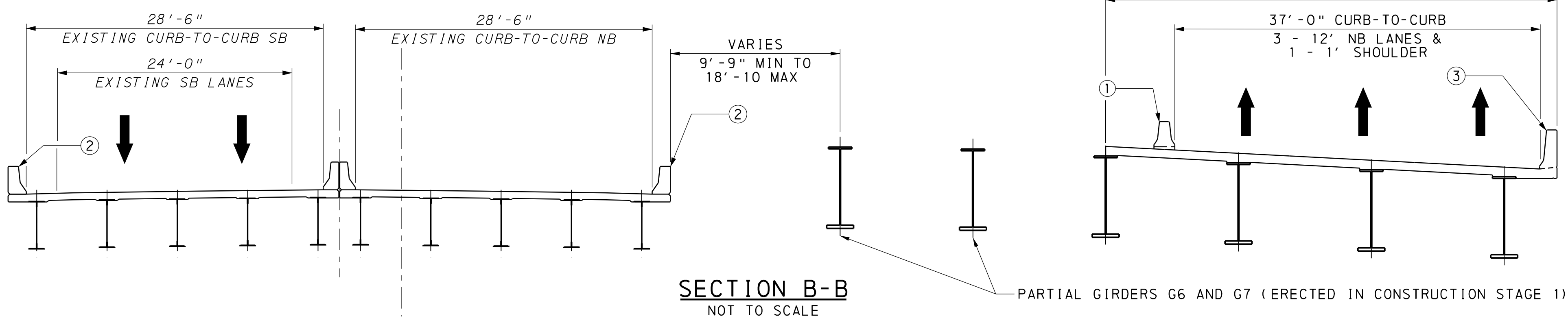
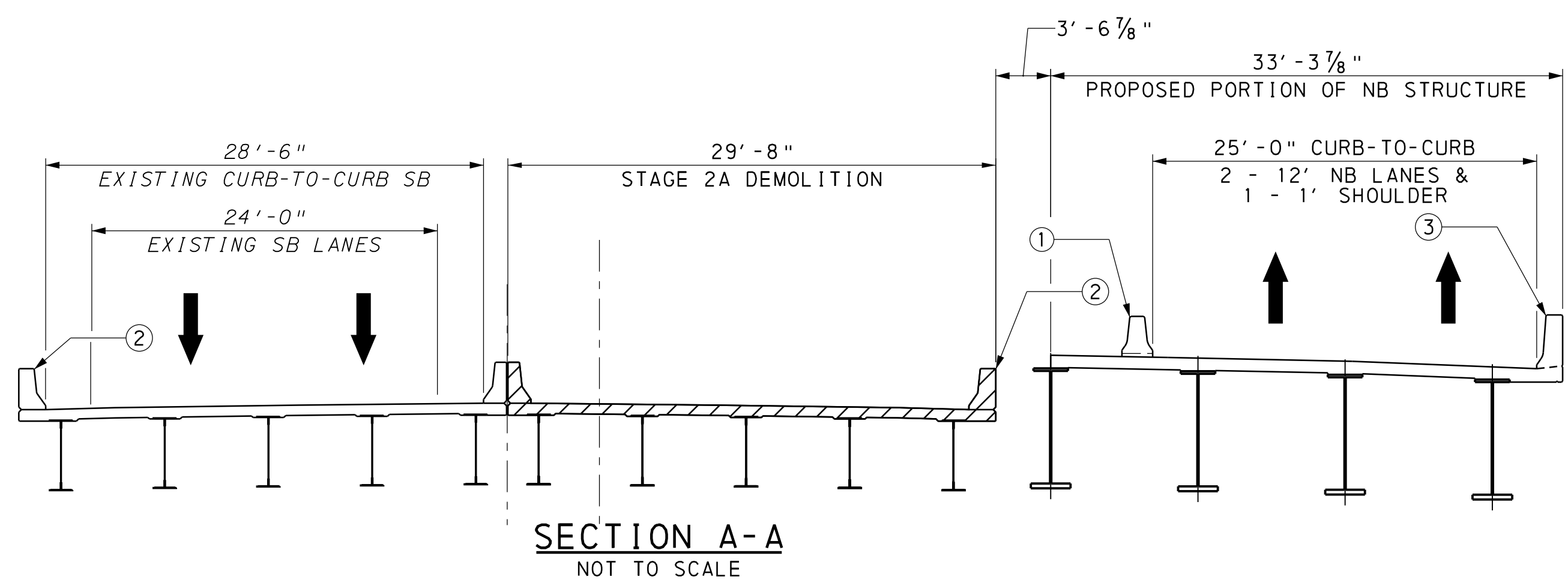
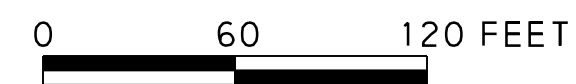
4/28/2021
DOT-2015 (SURVEY FEET)
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LEGEND

- CURRENT STAGE - PROPOSED CONSTRUCTION LIMITS
- CURRENT STAGE - EXISTING STRUCTURE DEMOLITION LIMITS
- ① 2'-0" TEMPORARY TRAFFIC BARRIER
- ② EXISTING BRIDGE BARRIER
- ③ PROPOSED TYPICAL CONCRETE BRIDGE BARRIER

CONSTRUCTION STAGE 2A PLAN



CONSTRUCTION STAGE 2A NOTES:

- PRIOR TO CONSTRUCTION ACTIVITIES, ENACT STAGING PROCEDURES PER THE APPROVED TRAFFIC CONTROL PLAN AND INSTALL EROSION AND SEDIMENT POLLUTION CONTROL MEASURES PER THE APPROVED E&S PLAN.
1. BEGIN STAGE 2A WORK AFTER NORTHBOUND TRAFFIC HAS BEEN SHIFTED ONTO PROPOSED STRUCTURE. SEE STAGE 2 OF THE APPROVED TRAFFIC CONTROL PLAN.
 2. DEMOLITION OF PORTIONS OF EXISTING STRUCTURES (SR0083 OVER NORFOLK SOUTHERN RAILWAY COMPANY RAIL YARD; SR0083 OVER LOUCKS MILL ROAD):
 - INSTALL UNDERDECK PROTECTION SHIELDS.
 - REMOVE DECK ON EXISTING NORTHBOUND STRUCTURES.
 - REMOVE EXISTING NORTHBOUND BRIDGE GIRDERS.
 - DEMOLISH EXISTING NORTHBOUND SUBSTRUCTURE UNITS IN LIMITS INDICATED. STEMS AND FOUNDATIONS SHALL BE REMOVED TO A DEPTH OF 1 FT BELOW GRADE.
 3. DEMOLITION OF EXISTING STRUCTURE (SR0083 OVER CODORUS CREEK):
 - SAWCUT AND REMOVE DECK ON EXISTING NORTHBOUND SPAN 1.
 - REMOVE EXISTING NORTHBOUND SPAN 1 BRIDGE GIRDERS.
 - DEMOLISH PORTION OF EXISTING NORTHBOUND ABUTMENT 1 STEM AND FOOTING TO A DEPTH OF 1 FT BELOW GRADE.

MARK	DESCRIPTION	BY	CHK'D	RECM'D	DATE
REVISIONS					

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

YORK COUNTY
S.R. 0083 SEC 091
SEG 0204 OFFSET 0000 NB; SEG 0205 OFFSET 0000 SB
SR 0083 STA 337+24.81
OVER N/S RAIL YARD, LOUCKS MILL, CODORUS CREEK
8-SPAN CONTINUOUS STEEL PLATE GIRDER BRIDGE
CONSTRUCTION STAGE 2A

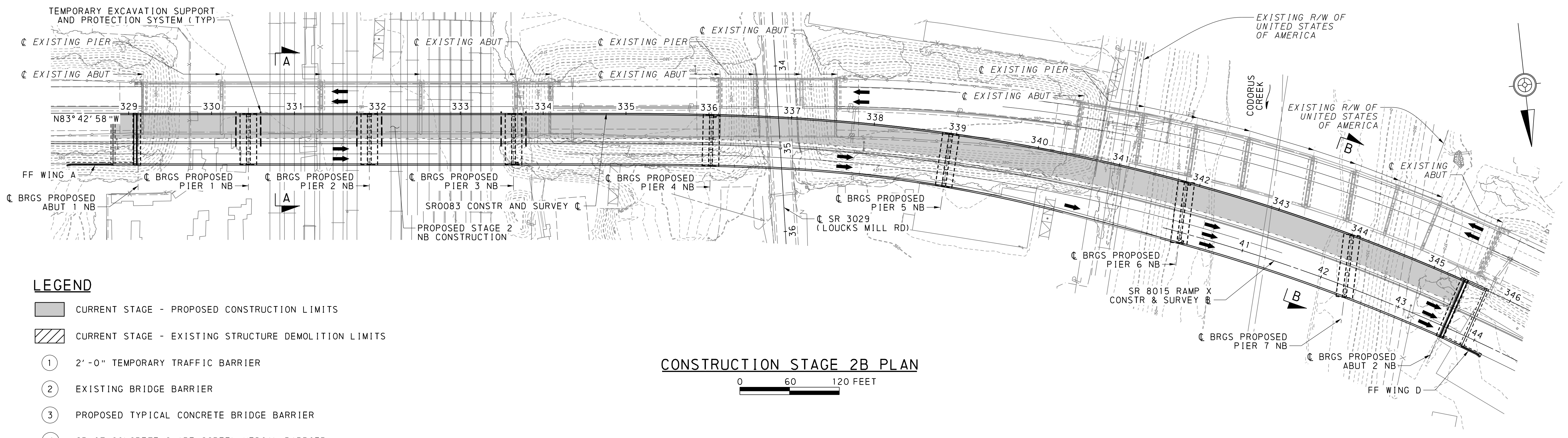
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SHEET 9 OF 12

S-39605

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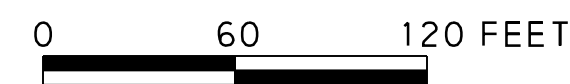
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LEGEND

- CURRENT STAGE - PROPOSED CONSTRUCTION LIMITS
- CURRENT STAGE - EXISTING STRUCTURE DEMOLITION LIMITS
- ① 2'-0" TEMPORARY TRAFFIC BARRIER
- ② EXISTING BRIDGE BARRIER
- ③ PROPOSED TYPICAL CONCRETE BRIDGE BARRIER
- ④ SPLIT CONCRETE GLARE SCREEN MEDIAN BARRIER, 4'-2" HEIGHT & 1'-8 1/4" WIDTH

CONSTRUCTION STAGE 2B PLAN



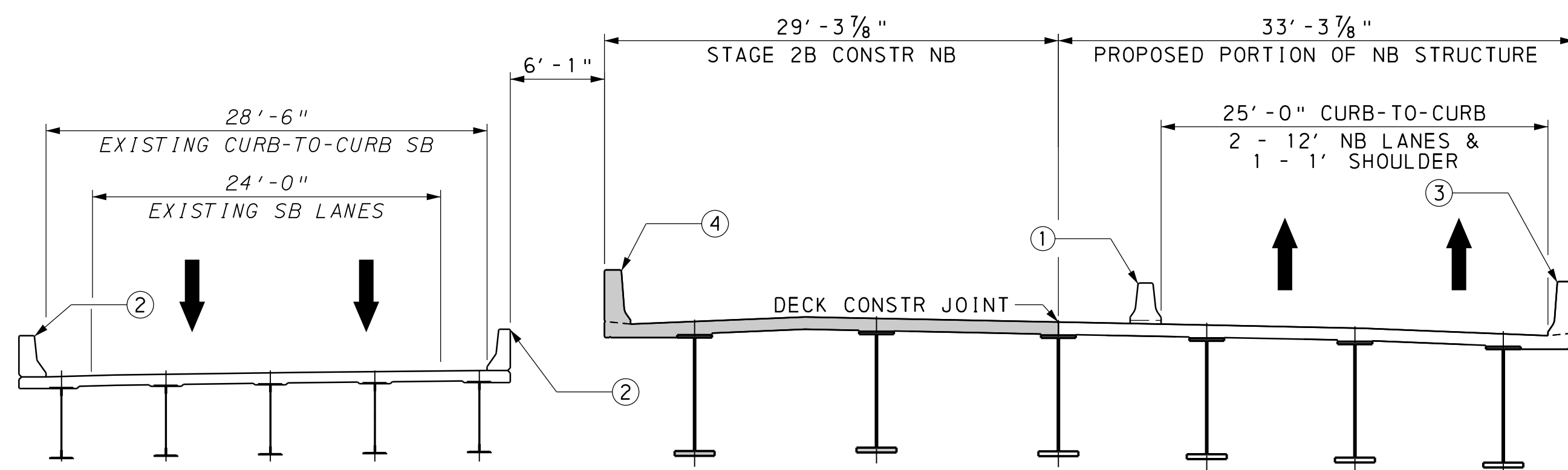
CONSTRUCTION STAGE 2B NOTES:

PRIOR TO CONSTRUCTION ACTIVITIES, ENACT STAGING PROCEDURES PER THE APPROVED TRAFFIC CONTROL PLAN AND INSTALL EROSION & SEDIMENT POLLUTION CONTROL MEASURES PER THE APPROVED E&S PLAN.

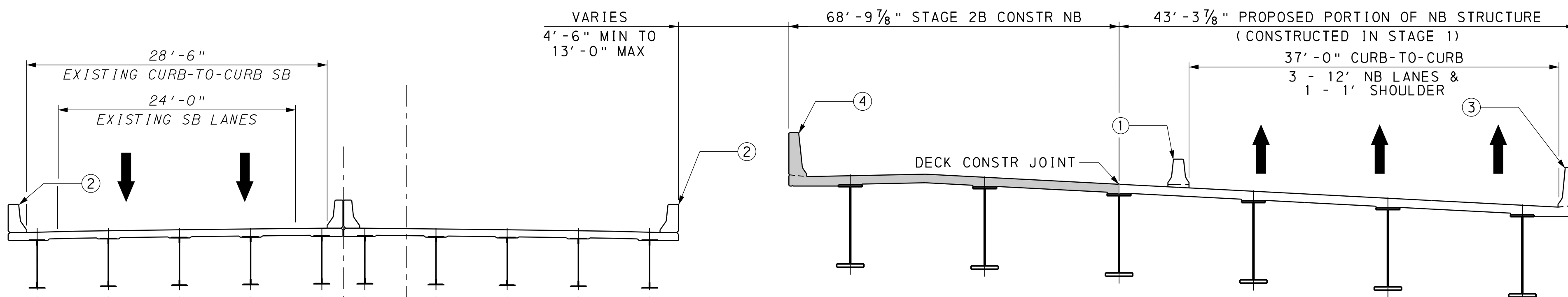
1. PROPOSED NORTHBOUND CONSTRUCTION:
 - EXCAVATE AND CONSTRUCT REMAINING PORTION OF NORTHBOUND ABUTMENT 1 FOOTING AND STEM AS INDICATED.
 - EXCAVATE AND CONSTRUCT REMAINING PORTIONS OF NORTHBOUND PIERS 1 THROUGH 5 AS INDICATED.
 - INSTALL POT BEARINGS AND ERECT REMAINING PORTIONS OF GIRDERS G6 & G7 IN SPANS 1 THROUGH 6 IN ACCORDANCE WITH THE GIRDER ERECTION SEQUENCE.
 - CONSTRUCT REMAINING PORTION OF NORTHBOUND DECK SLAB OVER GIRDERS G6 & G7 ACCORDING TO THE DECK POUR SEQUENCE PLAN.
 - CONSTRUCT REMAINING PORTION OF NORTHBOUND APPROACH SLAB 1 AND SLEEPER SLAB AS INDICATED.

NOTES:

1. FOR ABUTMENT 1 DETAILS, SEE SHEETS XX THROUGH XX.
2. FOR ABUTMENT 2 DETAILS, SEE SHEETS XX THROUGH XX.
3. FOR PIER DETAILS, SEE SHEETS XX THROUGH XX.
4. FOR HIGH LOAD MULTI-ROTATIONAL POT BEARING DETAILS, SEE SHEETS XX THROUGH XX.
5. FOR STEEL GIRDER DETAILS, SEE SHEETS XX THROUGH XX.
6. FOR DECK DETAILS, SEE SHEETS XX THROUGH XX.
7. FOR APPROACH SLAB DETAILS, SEE SHEETS XX THROUGH XX.
8. FOR GIRDER ERECTION SEQUENCE, SEE SHEETS XX THROUGH XX.



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE

MARK	DESCRIPTION	BY	CHK'D	RECM'D	DATE
REVISIONS					

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION

YORK COUNTY
 S.R. 0083 SEC 091
 SEG 0204 OFFSET 0000 NB; SEG 0205 OFFSET 0000 SB
 SR 0083 STA 337+24.81
 OVER N/S RAIL YARD, LOUCKS MILL, CODORUS CREEK
8-SPAN CONTINUOUS STEEL PLATE GIRDER BRIDGE
CONSTRUCTION STAGE 2B

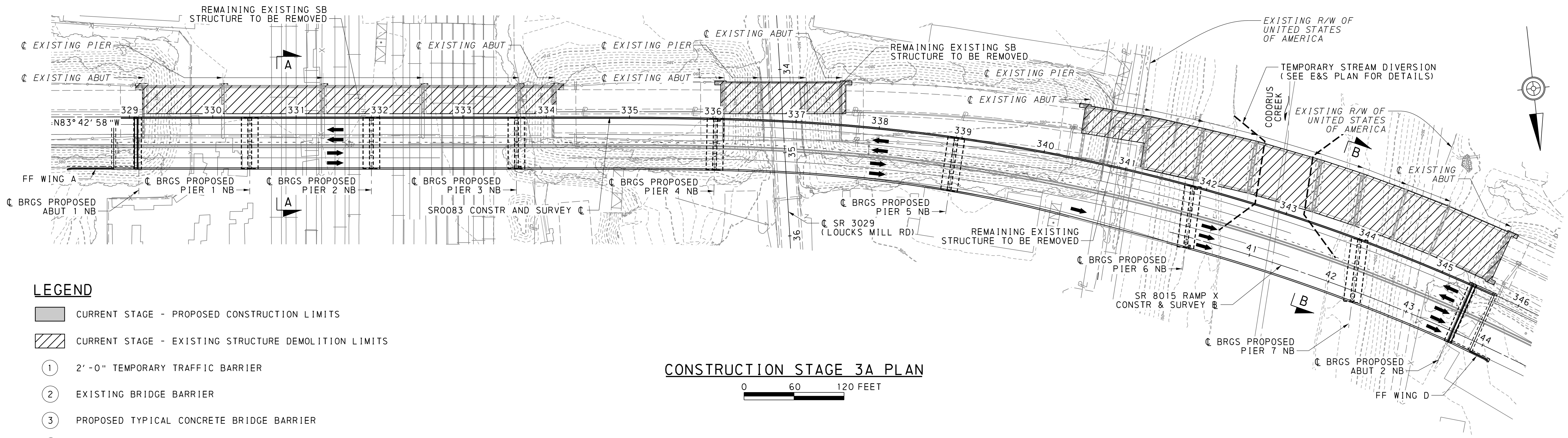
RECOMMENDED _____ SHEET 10 OF 12

S-39605



DOT-2015
09-01-00
DOT-ANSI D-PP-11

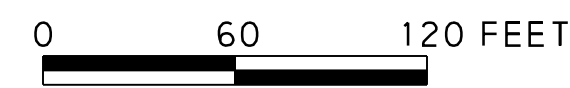
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LEGEND

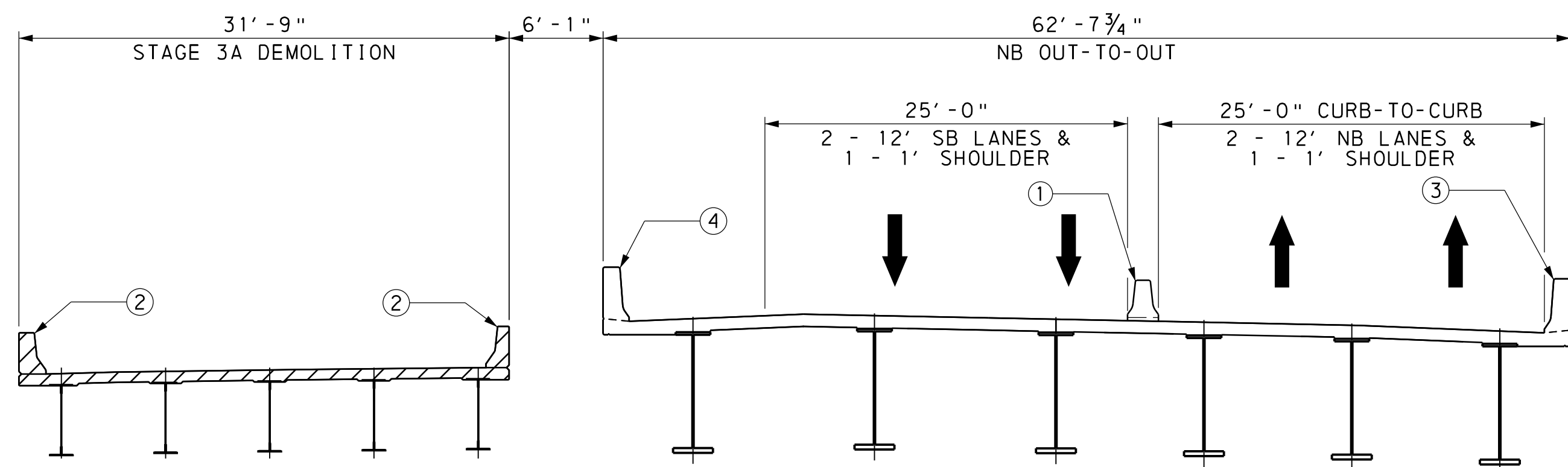
- CURRENT STAGE - PROPOSED CONSTRUCTION LIMITS
- CURRENT STAGE - EXISTING STRUCTURE DEMOLITION LIMITS
- ① 2'-0" TEMPORARY TRAFFIC BARRIER
- ② EXISTING BRIDGE BARRIER
- ③ PROPOSED TYPICAL CONCRETE BRIDGE BARRIER
- ④ SPLIT CONCRETE GLARE SCREEN MEDIAN BARRIER, 4'-2" HEIGHT & 1'-8/4" WIDTH

CONSTRUCTION STAGE 3A PLAN

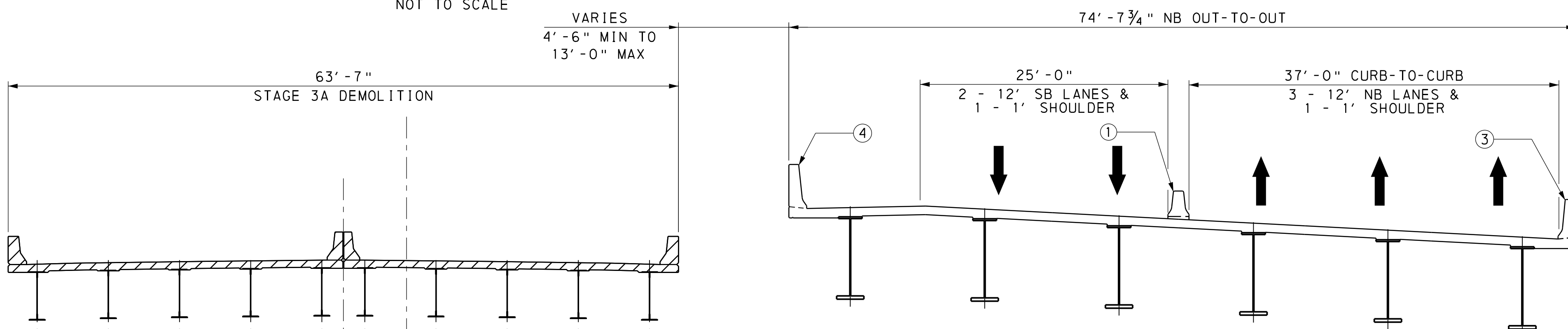


CONSTRUCTION STAGE 3A NOTES:

- PRIOR TO CONSTRUCTION ACTIVITIES, ENACT STAGING PROCEDURES PER THE APPROVED TRAFFIC CONTROL PLAN AND INSTALL EROSION & SEDIMENT POLLUTION CONTROL MEASURES PER THE APPROVED E&S PLAN.
1. BEGIN STAGE 3A WORK AFTER SOUTHBOUND TRAFFIC HAS BEEN SHIFTED ONTO PROPOSED NORTHBOUND STRUCTURE. SEE STAGE 3 OF THE APPROVED TRAFFIC CONTROL PLAN.
 2. DEMOLITION OF EXISTING STRUCTURES (SRO083 OVER NORFOLK SOUTHERN RAILWAY COMPANY RAIL YARD; SRO083 OVER LOUCKS MILL ROAD; SRO083 OVER CODORUS CREEK):
 - INSTALL TEMPORARY STREAM DIVERSION WITHIN CODORUS CREEK AROUND EXISTING PIERS.
 - INSTALL UNDERDECK PROTECTION SHIELDS.
 - REMOVE DECK ON REMAINING EXISTING STRUCTURES.
 - REMOVE REMAINING EXISTING SUPERSTRUCTURE BRIDGE GIRDERS.
 - DEMOLISH REMAINING EXISTING SUBSTRUCTURE UNITS IN LIMITS INDICATED. STEMS AND FOUNDATIONS SHALL BE REMOVED TO A DEPTH OF 1 FT BELOW GRADE.



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE

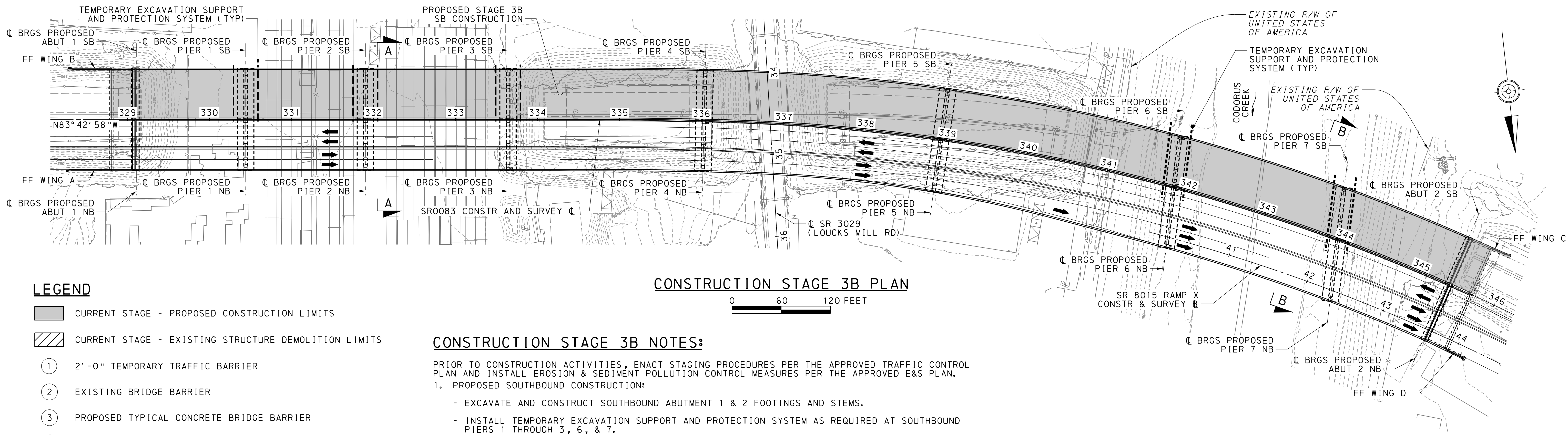
MARK	DESCRIPTION	BY	CHK'D	RECM'D	DATE
REVISIONS					

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION

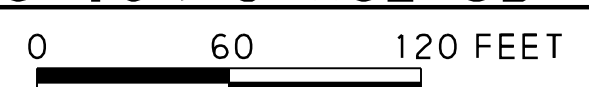
YORK COUNTY
 S.R. 0083 SEC 091
 SEG 0204 OFFSET 0000 NB; SEG 0205 OFFSET 0000 SB
 SR 0083 STA 337+24.81
 OVER N/S RAIL YARD, LOUCKS MILL, CODORUS CREEK
8-SPAN CONTINUOUS STEEL PLATE GIRDER BRIDGE
CONSTRUCTION STAGE 3A

DOT-2015
09/01/15
DOT-ANSI D-PRO-P-11

4/28/2021
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CONSTRUCTION STAGE 3B PLAN



LEGEND

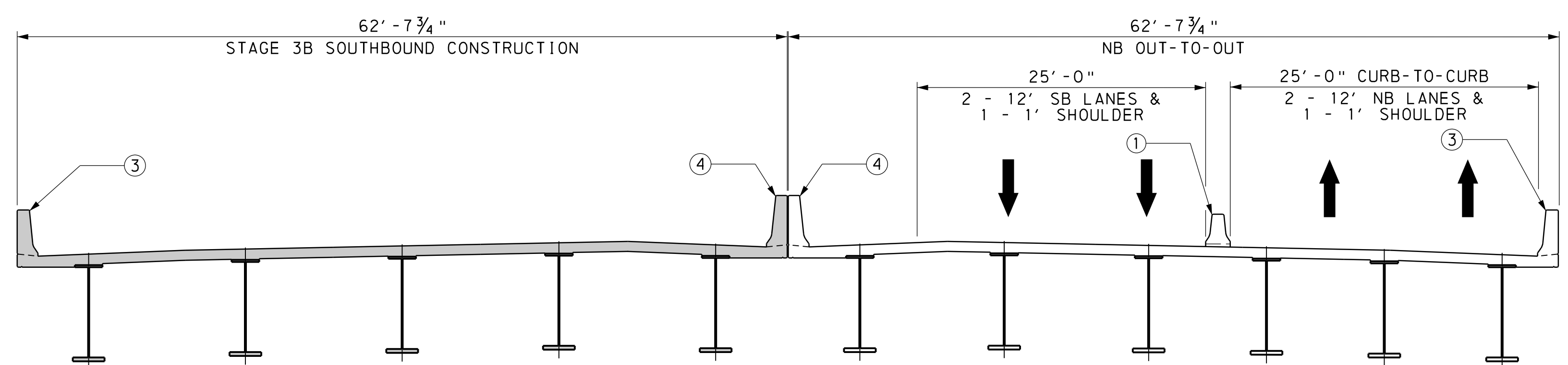
- CURRENT STAGE - PROPOSED CONSTRUCTION LIMITS
- CURRENT STAGE - EXISTING STRUCTURE DEMOLITION LIMITS
- ① 2'-0" TEMPORARY TRAFFIC BARRIER
- ② EXISTING BRIDGE BARRIER
- ③ PROPOSED TYPICAL CONCRETE BRIDGE BARRIER
- ④ SPLIT CONCRETE GLARE SCREEN MEDIAN BARRIER, 4'-2" HEIGHT & 1'-8 1/4" WIDTH

CONSTRUCTION STAGE 3B NOTES:

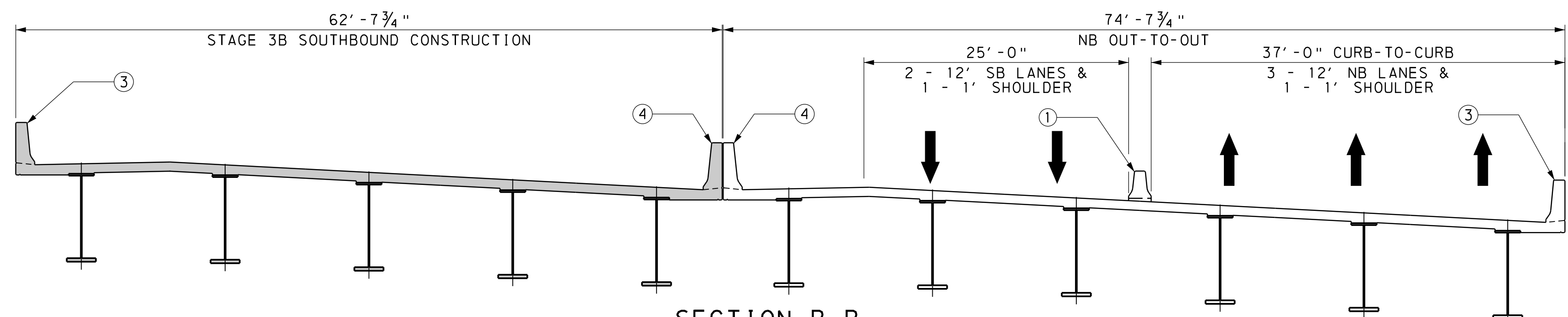
- PRIOR TO CONSTRUCTION ACTIVITIES, ENACT STAGING PROCEDURES PER THE APPROVED TRAFFIC CONTROL PLAN AND INSTALL EROSION & SEDIMENT POLLUTION CONTROL MEASURES PER THE APPROVED E&S PLAN.
1. PROPOSED SOUTHBOUND CONSTRUCTION:
 - EXCAVATE AND CONSTRUCT SOUTHBOUND ABUTMENT 1 & 2 FOOTINGS AND STEMS.
 - INSTALL TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEM AS REQUIRED AT SOUTHBOUND PIERS 1 THROUGH 3, 6, & 7.
 - EXCAVATE AND CONSTRUCT SOUTHBOUND PIERS 1 THROUGH 7.
 - INSTALL POT BEARINGS AND ERECT GIRDERS G1 THROUGH G5 IN ALL SPANS IN ACCORDANCE WITH THE GIRDER ERECTION SEQUENCE.
 - CONSTRUCT SOUTHBOUND DECK SLAB ACCORDING TO THE DECK POUR SEQUENCE PLAN.
 - CONSTRUCT SOUTHBOUND APPROACH SLABS AND SLEEPER SLABS.
 2. SHIFT SOUTHBOUND TRAFFIC ONTO PROPOSED SOUTHBOUND STRUCTURE IN ACCORDANCE WITH STAGE 3 OF THE APPROVED TRAFFIC CONTROL PLAN.
 3. REMOVE TEMPORARY GLARE SCREEN BARRIER ON THE NORTHBOUND BRIDGE.
 4. REMOVE E&S MEASURES AND RESTORE SITE.

NOTES:

1. FOR ABUTMENT 1 DETAILS, SEE SHEETS XX THROUGH XX.
2. FOR ABUTMENT 2 DETAILS, SEE SHEETS XX THROUGH XX.
3. FOR PIER DETAILS, SEE SHEETS XX THROUGH XX.
4. FOR HIGH LOAD MULTI-ROTATIONAL POT BEARING DETAILS, SEE SHEETS XX THROUGH XX.
5. FOR STEEL GIRDER DETAILS, SEE SHEETS XX THROUGH XX.
6. FOR DECK DETAILS, SEE SHEETS XX THROUGH XX.
7. FOR APPROACH SLAB DETAILS, SEE SHEETS XX THROUGH XX.
8. FOR GIRDER SEQUENCE, SEE SHEETS XX THROUGH XX.



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE

MARK	DESCRIPTION	BY	CHK'D	RECM'D	DATE
REVISIONS					

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

YORK COUNTY
S.R. 0083 SEC 091

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SR 0083 STA 337+24.81
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8-SPAN CONTINUOUS STEEL PLATE GIRDER BRIDGE
CONSTRUCTION STAGE 3B

RECOMMENDED _____

SHEET 12 OF 12

S-39605