PLOTTED: 4-SEP-2026 10:26
OPERATOR: rojsnyde
FILE NAME: pw://PDEDCPRAPPWI01.penndot.lcl\Connect_Projects\Documents\OpenRoads_Projects\D01\43-Mercer\43 0158 B04 (1816i)\DESIGN\Bridge 43-0158-0110-1432\CADD Files\Masterfile_SR0158(B04).dgn

GENERAL NOTES

1. DESIGN SPECIFICATIONS:
   PROVIDE MATERIALS AND WORKMANSHIP IN ACCORDANCE WITH THE PENNSYLVANIA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS PUBLICATION 408/2020 INCLUDING CURRENT SUPPLEMENTS AND CONTRACT SPECIAL PROVISIONS.

2. AASHTO DESIGN DIVISION, LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION, 2017 AND AS SUPPLEMENTED BY DESIGN MANUAL PART 4, DECEMBER 2019 EDITION (INCLUDING REVISIONS). THE PENNDOT DESIGN MANUAL HAS PRECEDENCE OVER AASHTO DESIGN SPECIFICATIONS AND BRIDGE DESIGN AND CONSTRUCTION STANDARDS.

3. PROVIDE (GRADE 60) REINFORCING STEEL BARS THAT MEET THE REQUIREMENTS OF ASTM A615/A615M. DO NOT WELD (GRADE 60) REINFORCING STEEL BARS UNLESS SPECIFIED. (GRADE 40) REINFORCING MAY BE SUBSTITUTED WITH A PROPORTIONAL INCREASE IN CROSS SECTIONAL AREA, IF APPROVED BY THE CHIEF BRIDGE ENGINEER. DO NOT USE RAIL STEEL A996/A996M REINFORCEMENT BARS IN BRIDGE PIERS, ABUTMENTS, SHEAR BLOCKS, BEAMS, FOOTINGS, PILES, PARAPETS, OR WHERE BENDING OR WELDING OF REINFORCEMENT BARS IS INDICATED.

4. PROVIDE 2" CONCRETE COVER ON REINFORCEMENT BARS EXCEPT AS NOTED.

5. WELDING OF REINFORCEMENT BARS DURING FABRICATION OR CONSTRUCTION WILL NOT BE PERMITTED UNLESS SPECIFIED OR PERMITTED BY THE BRIDGE ENGINEER.

6. USE EPOXY BONDING COMPOUND WHERE EVER CAST-IN-PLACE CEMENT CONCRETE COMES IN CONTACT WITH EXISTING CEMENT CONCRETE. THE EPOXY BONDING COMPOUND IS TYPE 2 GRADE 2 AS DESCRIBED IN ASTM-C881.

7. USE CLASS AAAP CMEMENT CONCRETE IN DECK AND BACKWALL.

8. USE CLASS AA CEMENT CONCRETE IN BARRIER (EXCLUDING EXPANSION DAM BLOCKOUTS).

9. CHAMFER EXPOSED CONCRETE EDGES ¾" X ¾" EXCEPT AS NOTED.

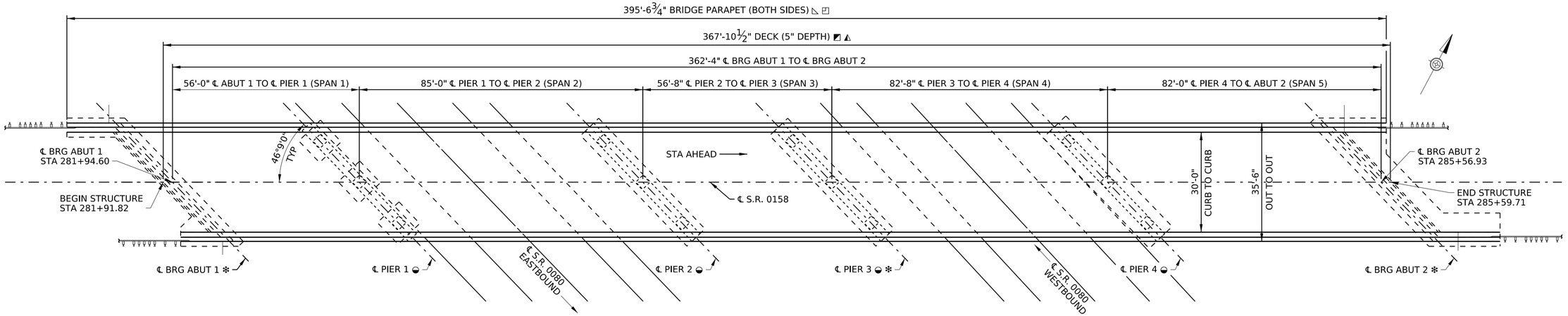
10. CLEAN ANY LOOSE DEBRIS FROM EXISTING SCUPPERS AFTER MILLING IS COMPLETED.

11. THE CONTRACTOR IS RESPONSIBLE FOR ANY FORMING NECESSARY FOR PROPER FIT OF THE PROPOSED CONSTRUCTION.

12. REPAIR ANY AREAS DAMAGED BEYOND THE REMOVAL LIMITS AT NO EXPENSE TO THE DEPARTMENT.

13. UTILITY NOTES:
    COORDINATE, LOCATE AND CONDUCT ALL WORK RELATED TO PUBLIC AND PRIVATE UTILITIES IN ACCORDANCE WITH PUBLICATION 408/2020, SECTIONS 105.06 AND 107.12. VERIFY AND LOCATE ALL EXISTING UTILITIES PRIOR TO STARTING WORK, AND CONDUCT OPERATIONS IN A MANNER WHICH ENSURES THE UTILITIES WILL NOT BE DISTURBED OR ENDANGERED AND ASSUME FULL RESPONSIBILITY FOR REIMBURSEMENT, PARTICIPATION IN DESIGN AND/OR REVISIONS OR LIABILITY FOR ACCURACY OF TYPE, SIZE AND LOCATION OF ANY UTILITY, COORDINATE THE REQUIREMENTS FOR PROTECTION AND/OR RELOCATION OF UTILITIES WITH THE UTILITY OWNER PRIOR TO STARTING WORK.

12. EXISTING PLANS:
    STRUCTURE REHABILITATION: S-26694, SHEETS 1 THROUGH 7, DATED APRIL 23, 2007



GENERAL PLAN

4 0 8 16 FEET

◩ - ITEM 1001-1010 - CLASS AAAP CEMENT CONCRETE

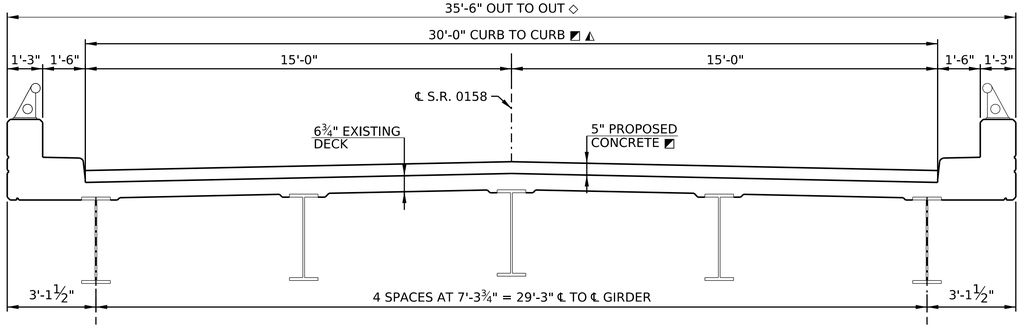
◭ - ITEM 1001-0980 - MECHANICAL TEXTURING WITH LONGITUDINAL SAWED GROOVES

✻ - ITEM 1026-0017 - NEOPRENE STRIP SEAL DAM, (4" MOVEMENT)

◒ - ITEM 5019-0040 - PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (PENETRATING SEALERS, REINFORCED CONCRETE SUBSTRUCTURE SURFACES), SILANE SEALER

◺ - ITEM 5019-0050 - PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (PENETRATING SEALERS, BRIDGE SUPERSTRUCTURE), SILANE SEALER

◰ - ITEM 9000-1003 - SEALING EXISTING JOINTS IN BRIDGE PARAPET



PROPOSED TYPICAL SECTION

1 0 1 2 3 FEET

◩ - ITEM 1001-1000 - CLASS AAAP CEMENT CONCRETE

◭ - ITEM 1001-0980 - MECHANICAL TEXTURING WITH LONGITUDINAL SAWED GROOVES

◇ - ITEM 1070-0200 - PAINTING EXISTING STRUCTURAL STEEL

DES:	DWG:	CKD:

SUPPLEMENTAL DRAWINGS

DESCRIPTION	DWG. NO.	APP. DATE
REINFORCED CONCRETE REPAIR	BC-783M	01-31-19
CONCRETE DECK SLAB DETAILS	BC-752M	11-23-22
REINFORCEMENT BAR FABRICATION DETAILS	BC-736M	11-23-22
NEOPRENE STRIP SEAL DAM FOR PRESTRESSED CONCRETE & STEEL I-BEAM BRIDGES	BC-767M	11-23-22

AS-BUILT DRAWING

Signature: _____ Date: _____

AS-BUILT PLANS ARE TO BE MAINTAINED DURING CONSTRUCTION AND THIS SECTION SIGNED AT CONSTRUCTION COMPLETION FOR DOCUMENTATION.

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

S.R. 0158 PREVIOUSLY KNOWN AS L.R. 0080

BMS STR ID: 43-0158-0110-1432 MPMS/ECMS PROJ: 1816 BRKEY: 25821

PREPARED BY

DISTRICT 1-0
BRIDGE UNIT

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL KENNETH A. SANOSKI ENGINEER No. 081724

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

MERCER COUNTY
S.R. 0158 SECTION B04
SEGMENT 0110 OFFSET 1432
S.R 0158 - STA. 283+46
OVER S.R. 00080
STRUCTURE REHABILITATION

GENERAL PLAN

RECOMMENDED _____

BRIDGE ENGINEER

SHEET 1 OF 11

S -