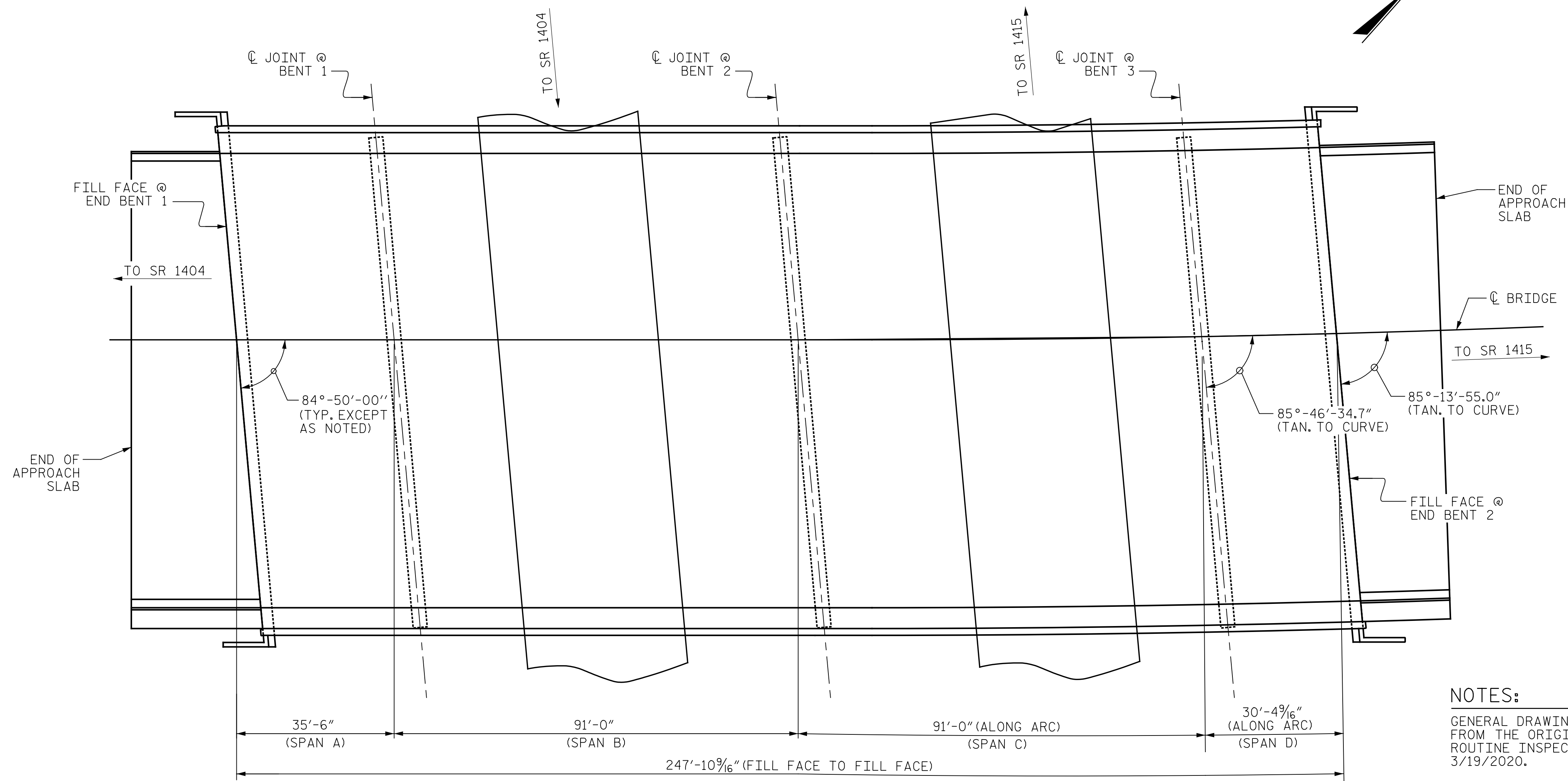


SECTION ALONG C BRIDGE
(SECTION AT BENTS AND END BENTS ARE AT RIGHT ANGLES)



PLAN
(PILES NOT SHOWN FOR CLARITY)

SCOPE OF WORK

- PARTIALLY REMOVE TOP OF BRIDGE DECK CONCRETE BY SCARIFICATION AND SHOTBLASTING.
- OVERLAY PREPARED TOP OF BRIDGE DECK WITH POLYMER CONCRETE (PC).
- REMOVE EXISTING JOINT MATERIAL AND INSTALL FOAM JOINTS.
- GROOVE PC BRIDGE DECK.
- MILL AND REPAVE ASPHALT APPROACH ROADWAYS.
- CLEAN AND PAINT EXISTING STRUCTURAL STEEL BEAMS.
- REPLACE EXISTING BEARINGS.
- REMOVE DEBRIS FROM TOP OF EXISTING END BENT AND BENT CAPS AND APPLY EPOXY COATING.
- EPOXY RESIN INJECTION OF CONCRETE CRACKS.
- REMOVE UNSOUND CONCRETE AND PROPERLY PREPARE EXISTING END BENT AND BENT AREAS FOR SHOTCRETE AND CONCRETE REPAIRS.
- REPLACE CURB AND GUTTER ON THE APPROACH SLABS.

CONSTRUCTION SEQUENCE

- FIELD VERIFY AND MEASURE EXISTING BEARING HEIGHTS FOR PREPARATION OF SHOP DRAWINGS.
- PERFORM BEARING REPLACEMENTS. PERFORM BEAM OR SPAN JACKING AS REQUIRED. PERFORM NECESSARY CONCRETE REPAIRS TO DELAMINATED OR OTHERWISE DETERIORATED AREAS OF CAP UNDER OR ADJACENT TO BEARINGS.
- PERFORM SHOTCRETE, CONCRETE OR EPOXY RESIN INJECTION REPAIRS TO THE SUBSTRUCTURE.
- PERFORM ROADWAY APPROACH MILLING AND DECK SURFACE PREPARATION AND PLACE PC OVERLAY.
- RECONSTRUCT CURB AND GUTTER ALONG APPROACH SLABS. PERFORM ASPHALT RESURFACING TO TIE APPROACHES TO BRIDGE DECK.
- INSTALL FOAM JOINTS.
- CLEAN AND PAINT EXISTING STEEL BEAMS.

I HEREBY CERTIFY THAT THIS STRUCTURE WAS REHABILITATED ACCORDING TO THESE PLANS OR AS NOTED HEREIN.

RESIDENT ENGINEER _____ DATE _____

PROJECT NO. 15BPR.44
CUMBERLAND COUNTY
 BRIDGE NO. 250053

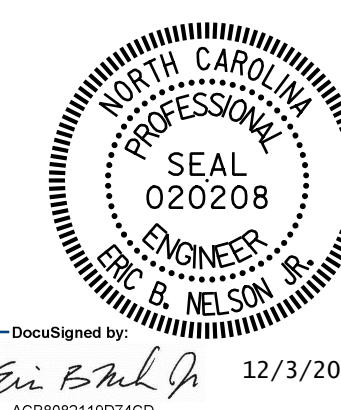
SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 GENERAL DRAWING
 FOR BRIDGE ON US 401 BYPASS
 OVER SR 1007 (ALL AMERICAN
 FREEWAY)

NOTES:

GENERAL DRAWING INFORMATION IS TAKEN FROM THE ORIGINAL PLANS AND THE ROUTINE INSPECTION REPORT DATED 3/19/2020.

BRIDGE ORIENTATION CONFORMS TO THE EXISTING BRIDGE PLANS.



PLANS PREPARED BY:
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 Excellence Delivered As Promised
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 (919) 420-7660
 NC Lic. No. F-0270

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			19

DRAWN BY: J. MYA DATE: 01/2021
 CHECKED BY: J. YANNACCONE DATE: 01/2021