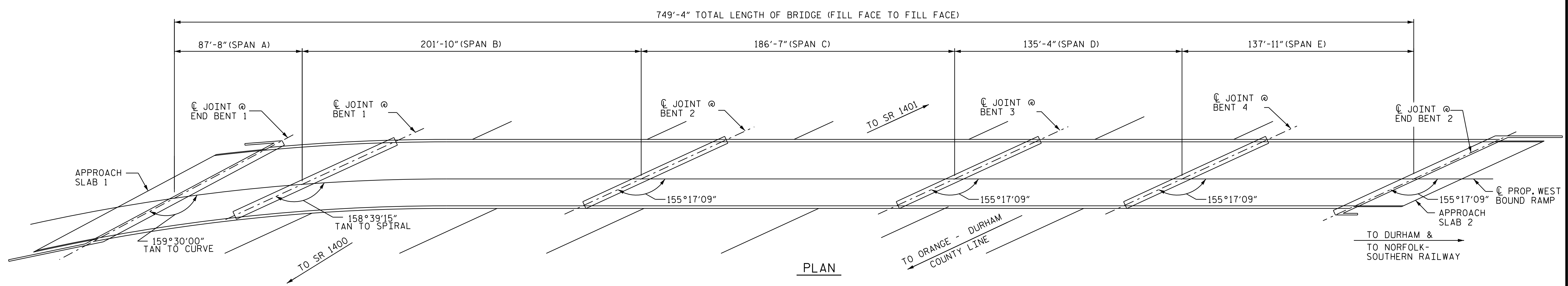


SECTION ALONG C BRIDGE



PLAN

NOTES:

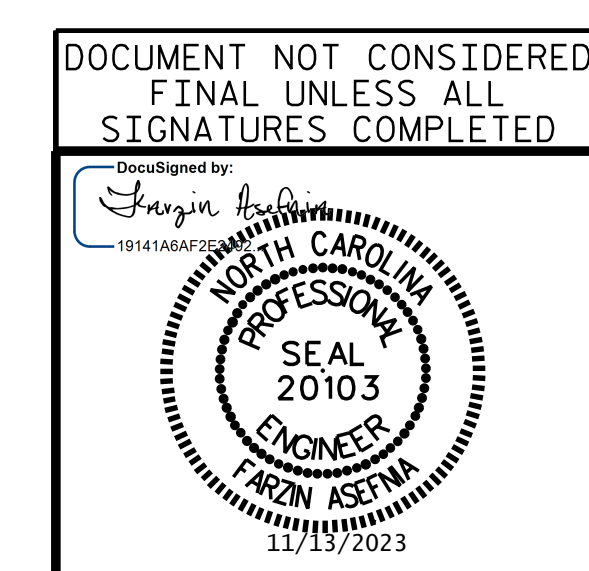
GENERAL DRAWING INFORMATION IS TAKEN FROM THE ORIGINAL PLANS AND THE ROUTINE INSPECTION REPORT DATED 11/28/2022.
BRIDGE ORIENTATION CONFORMS TO THE ORIGINAL BRIDGE PLANS/ROUTINE INSPECTION.

SCOPE OF WORK

- PARTIALLY REMOVE TOP OF BRIDGE DECK CONCRETE BY SCARIFICATION AND SHOTBLASTING METHODS.
- PROPERLY PREPARE SPALLED AREAS IN EXISTING END BENT AND BENTS AND PERFORM SHOTCRETE AND CONCRETE REPAIRS.
- CLEAN AND PAINT EXISTING WEATHERING STEEL BEAM ENDS.
- PREPARE THE CONCRETE BARRIER RAIL FRONT AND TOP SURFACES BY SHOTBLASTING FOR SILANE TREATMENT.
- CLEAN AND PAINT EXISTING WEATHERING STEEL BEAM ENDS.
- PREPARE AND REPAIR CLASS II AREAS OF BRIDGE DECK.
- APPLY SILANE SEALER TO THE FRONT AND TOP SURFACES OF THE CONCRETE BARRIER SECTIONS.
- OVERLAY PREPARED TOP OF BRIDGE DECK WITH POLYMER CONCRETE (PC).
- REMOVE EXISTING JOINT MATERIAL AND INSTALL FOAM JOINT SEALS FOR PRESERVATION.
- GROOVE PC BRIDGE DECK.
- 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.

PROJECT NO. I-5941
DURHAM COUNTY
BRIDGE NO. 310429

SHEET 1 OF 2



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
GENERAL DRAWING
FOR BRIDGE ON NC 147
NORTHBOUND RAMP OVER
I-85 & US 70 BUSINESS

DRAWN BY : M. HOGAN DATE : 3/2023
CHECKED BY : JIA XU DATE : 7/2023
DESIGN ENGINEER OF RECORD: F. ASEFNIA DATE : 11/2023

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S5-1
1			3			TOTAL SHEETS
2			4			17

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