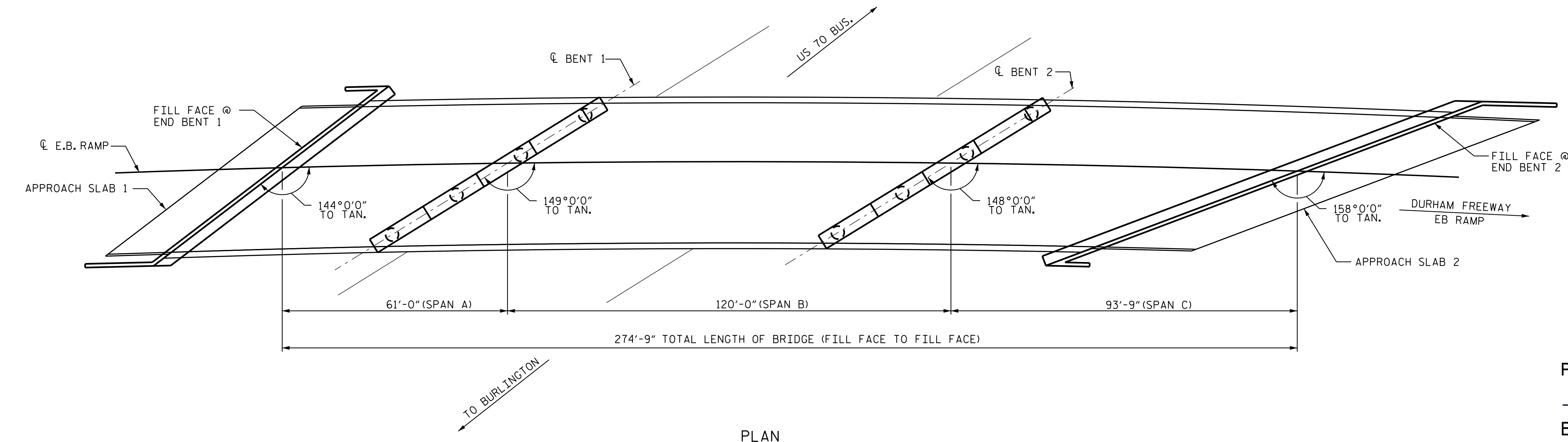
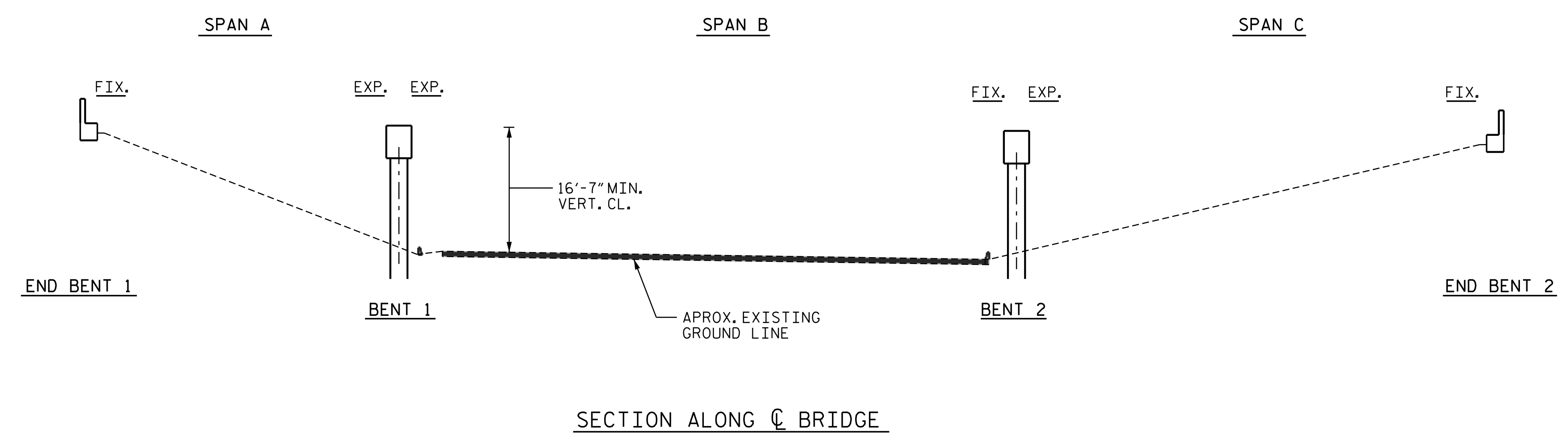


- NOTES:**
- GENERAL DRAWING INFORMATION IS TAKEN FROM THE ORIGINAL PLANS AND THE ROUTINE INSPECTION REPORT DATED 11/28/2022.
  - BRIDGE ORIENTATION CONFORMS TO THE ORIGINAL BRIDGE PLANS/ROUTINE INSPECTION.
  - SCOPE OF WORK**
  - PARTIALLY REMOVE TOP OF BRIDGE DECK CONCRETE BY SCARIFICATION AND SHOTBLASTING METHODS.
  - PREPARE THE CONCRETE BARRIER RAIL FRONT AND TOP SURFACES BY SHOTBLASTING FOR SILANE TREATMENT.
  - 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.
  - PROPERLY PREPARE SPALLED AREAS IN EXISTING END BENT AND BENTS AND PERFORM SHOTCRETE AND CONCRETE REPAIRS.
  - CLEAN AND PAINT EXISTING WEATHERING STEEL BEAM ENDS.



PROJECT NO. I-5941  
DURHAM COUNTY  
 BRIDGE NO. 310355

SHEET 1 OF 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DocuSigned by:  
*Farzin Asefnia*  
 19141682F2C

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

GENERAL DRAWING

FOR BRIDGE ON NC 147  
 SOUTHBOUND RAMP  
 OVER 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

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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S4-1
1			3			TOTAL SHEETS
2			4			14