

**NOTES**

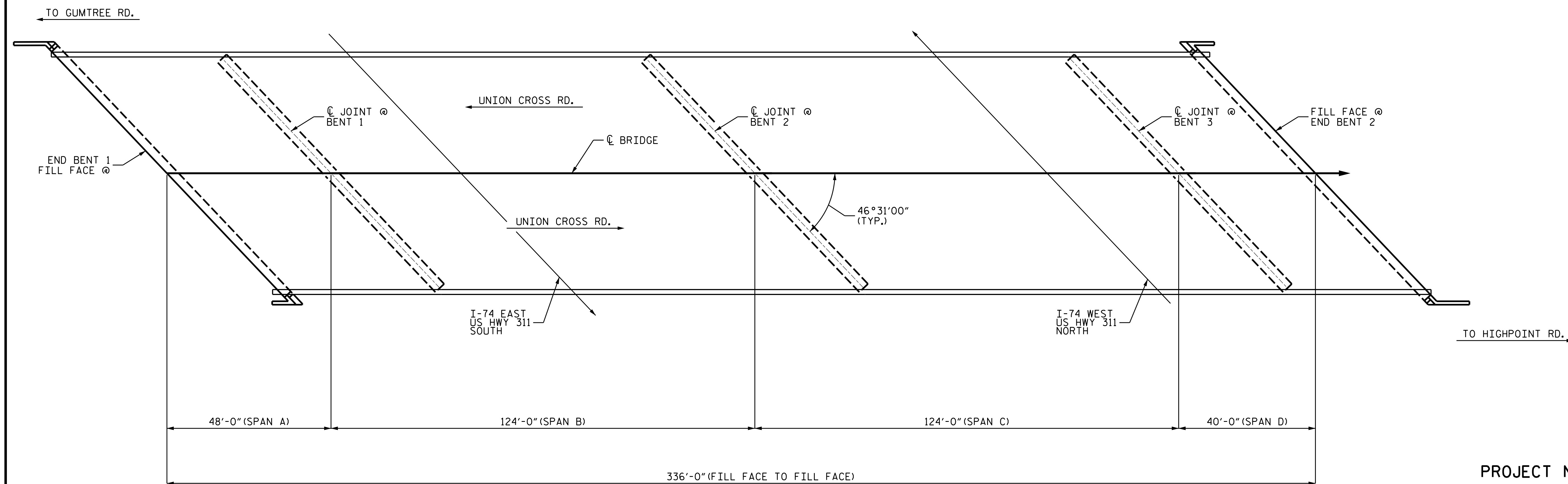
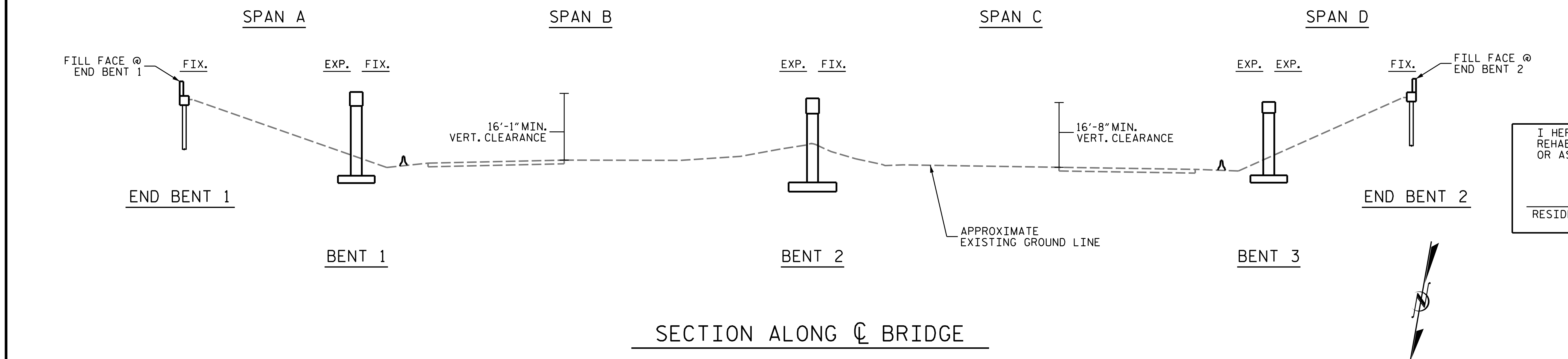
GENERAL DRAWING INFORMATION IS TAKEN FROM THE ORIGINAL PLANS AND THE ROUTINE INSPECTION REPORT DATED 10/05/2021.

BRIDGE ORIENTATION CONFORMS TO EXISTING BRIDGE PLANS.

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

RESIDENT ENGINEER \_\_\_\_\_

DATE \_\_\_\_\_

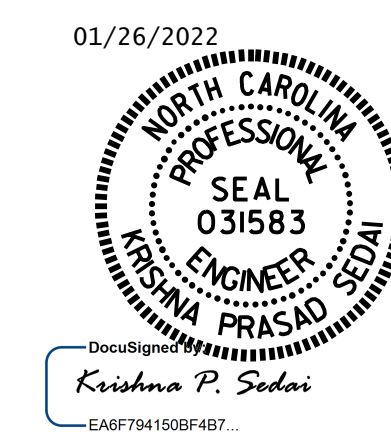
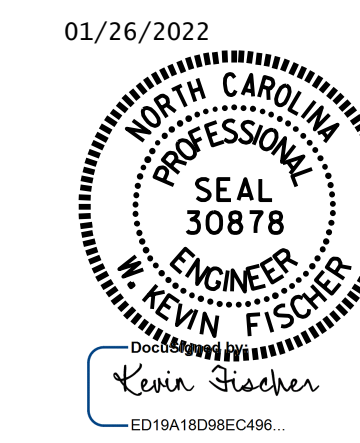


**PLAN**

**SCOPE OF WORK**

- REMOVE EXISTING TRAFFIC CONTROL DETECTORS AND INSTALL TRAFFIC CONTROL LOOP DETECTORS.
- PARTIALLY REMOVE TOP OF BRIDGE DECK CONCRETE BY SCARIFICATION AND HYDRO-DEMOLITION METHODS.
- OVERLAY PREPARED TOP OF BRIDGE DECK WITH LATEX MODIFIED CONCRETE - EARLY STRENGTH.
- GROOVE LMC-ES BRIDGE DECK.
- REMOVE EXISTING JOINT SEAL AND INSTALL FOAM JOINTS AT BENTS.

- INSTALL POURABLE SILICONE JOINT SEALANTS AT THE END BENTS.
- CLEAN, AND PAINT STEEL BEAM ENDS.
- REMOVE UNSOUND CONCRETE AND PROPERLY PREPARE EXISTING END BENT AND BENT AREAS FOR SHOTCRETE AND CONCRETE REPAIR.
- PERFORM SHOTCRETE AND CONCRETE REPAIRS IN PREPARED AREAS.
- EPOXY RESIN INJECTION OF CONCRETE CRACKS.
- REMOVE DEBRIS FROM TOP OF EXISTING END BENTS AND BENT CAPS, AND APPLY EPOXY COATING.



PROJECT NO. 15BPR.55  
FORSYTH COUNTY  
 BRIDGE NO. 330392

SHEET 1 OF 2

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**GENERAL DRAWING**  
 FOR BRIDGE ON  
 SR 2643  
 (UNION CROSS RD.)  
 OVER I-74 AND US-311

DRAWN BY : T.S.PARRISH DATE : 05/2021  
 CHECKED BY : E.BAYISSA DATE : 07/2021

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-01	
1			3			TOTAL SHEETS	
2			4			79	