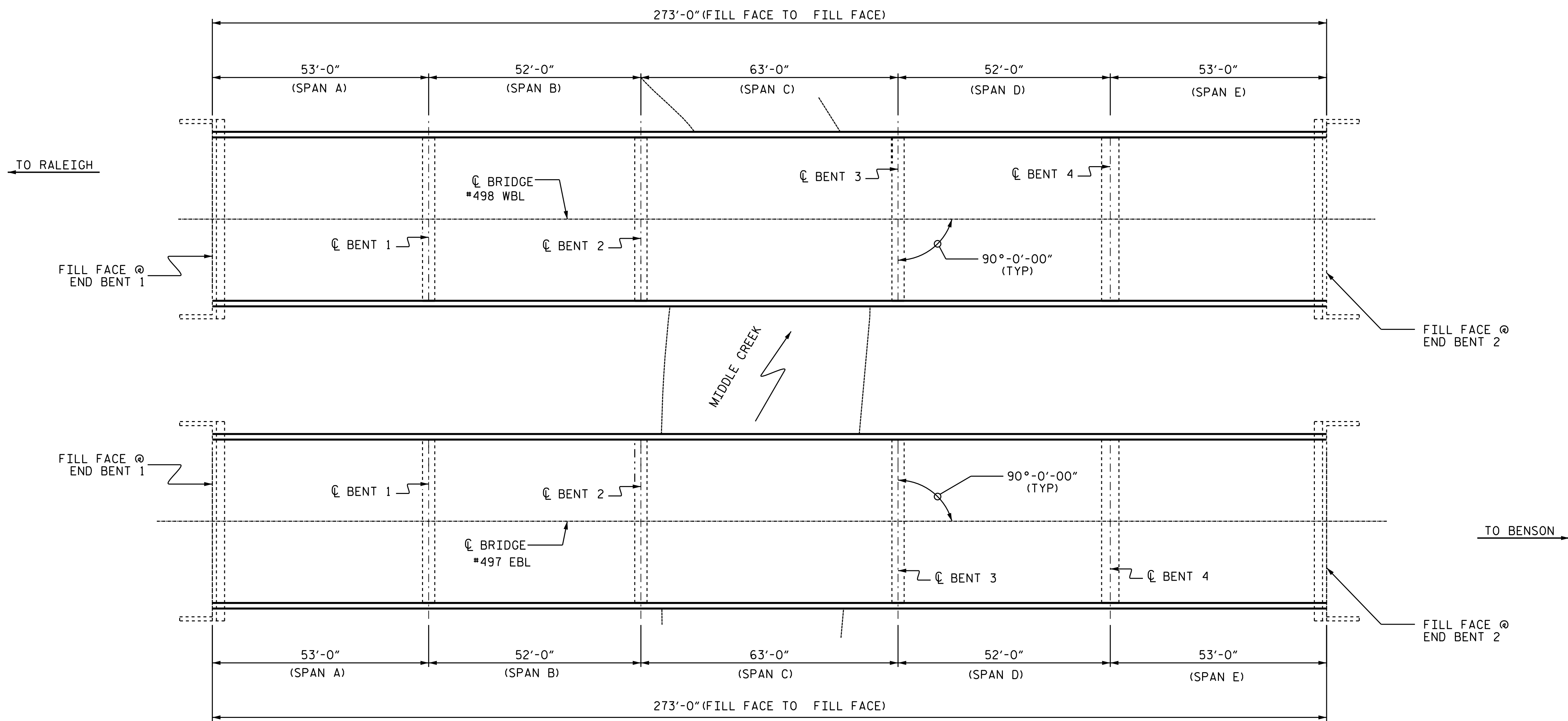


**ELEVATION**  
(SECTION ALONG  $\phi$  ROADWAY)

**NOTE**  
BRIDGE #497 - ALL BENTS HAVE SCOUR.  
BRIDGE #498 - BENTS #1, #2 & #3 HAVE SCOUR.

**SCOPE OF WORK**

- PARTIALLY REMOVE BRIDGE DECK CONCRETE BY SCARIFICATION AND SHOTBLASTING METHODS.
- CLEAN AND REMOVE EXISTING BRIDGE DECK JOINTS MATERIAL.
- PERFORM DECK REPAIRS IN PREPARED AREAS.
- OVERLAY PREPARED BRIDGE DECK WITH POLYESTER POLYMER CONCRETE.
- INSTALL SILICONE JOINT SEALS.
- GROOVE POLYESTER POLYMER CONCRETE.
- EPOXY COATING TOP OF CAP.
- SUBSTRUCTURE REPAIRS USING EPOXY RESIN INJECTION AND SHOTCRETE.
- FILL SCOUR HOLES WITH CLASS 2 RIP RAP.

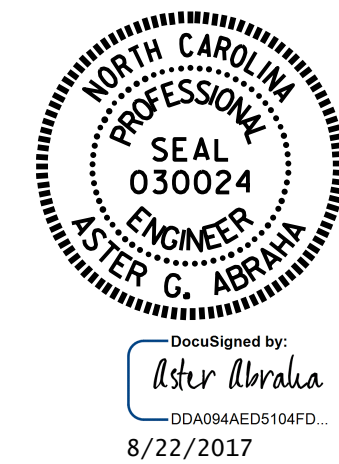


**PLAN**  
(COLUMNS & FOOTINGS NOT SHOWN IN PLAN VIEW FOR CLARITY)

I hereby certify that this structure was rehabilitated according to these plans or as noted therein.

Resident Engineer \_\_\_\_\_ Date \_\_\_\_\_

PROJECT NO. I-5781  
JOHNSTON COUNTY  
BRIDGE NO. 497 & 498



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
**GENERAL DRAWING**  
FOR BRIDGES ON I-40 EBL  
& I-40 WBL  
OVER MIDDLE CREEK

DRAWN BY : S. T. SANDOR DATE : 02/2017  
CHECKED BY : W. C. SMITH DATE : 06/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S-54
2			4			69