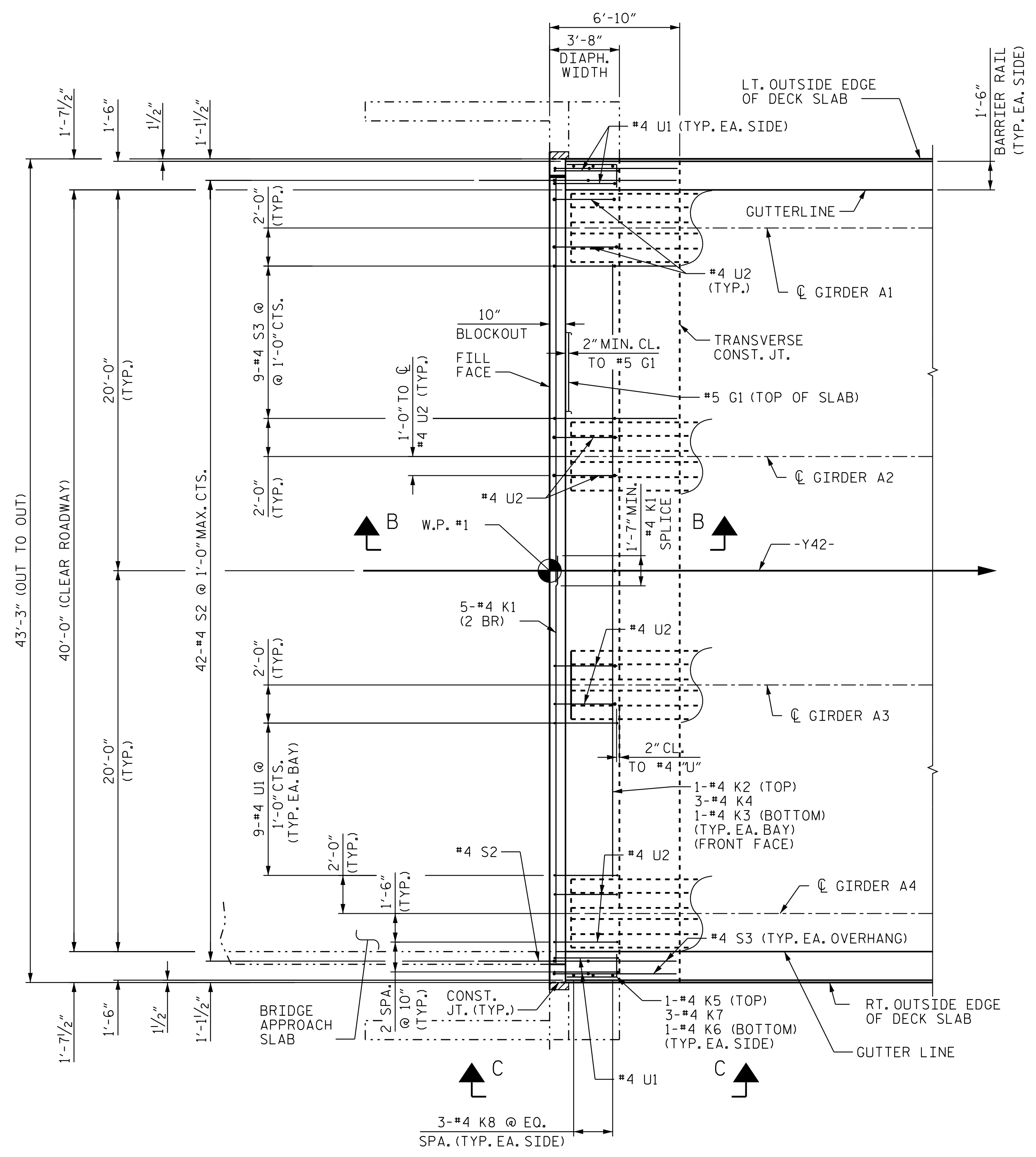
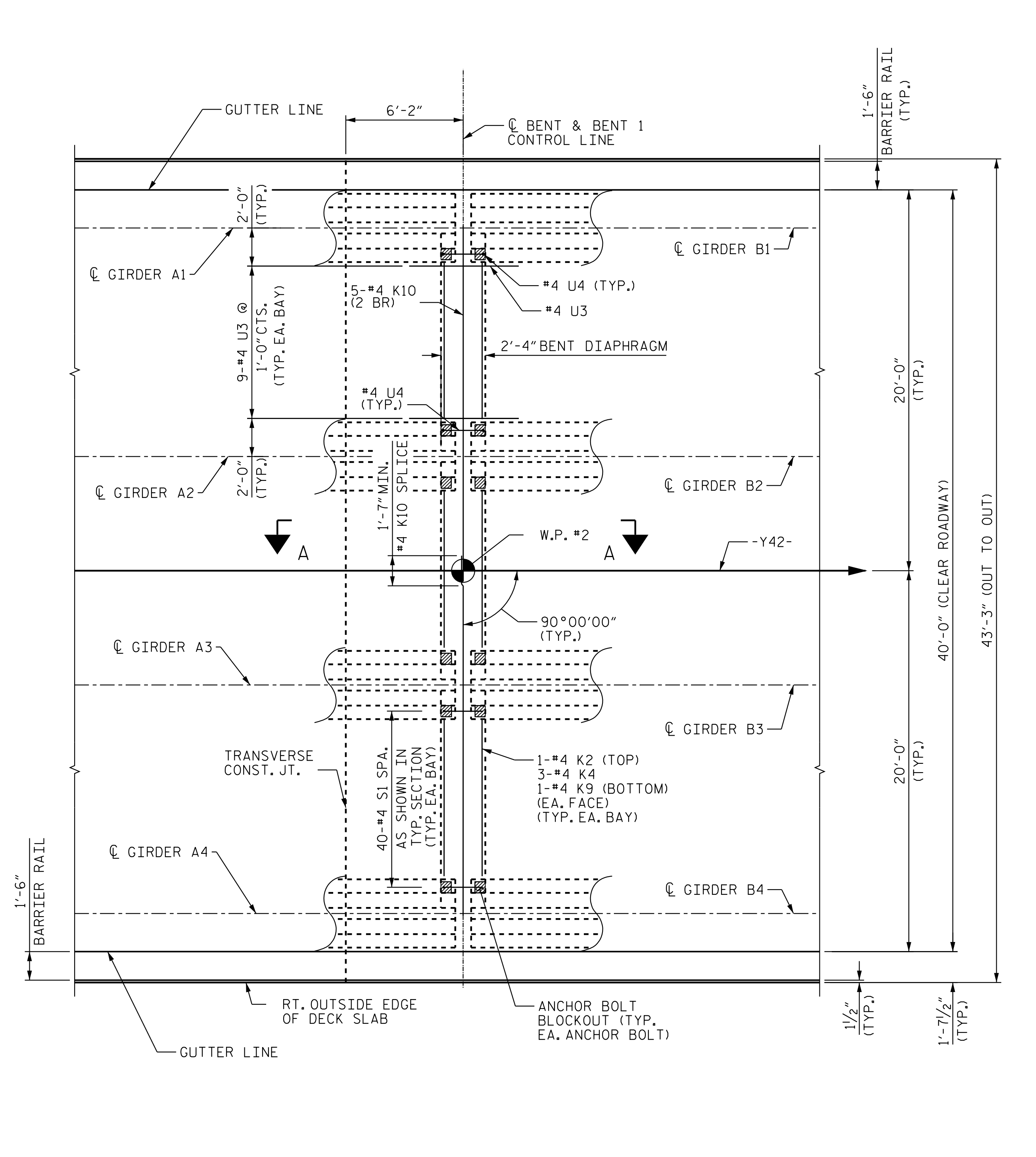


5/5/2023 12:46:16 PM jgelle  
c:\users\jgelle\documents\p\_w\working\dms5559\R2707E.SMU\_S03\_220494.dgn.DGN



**TYPICAL END BENT  
DIAPHRAGM REINFORCING  
DETAIL**

DETAIL AT END BENT 1 SHOWN.  
 DETAILS AT END BENT 2 SIMILAR BY ROTATION.  
 SEE 'END BENT 1 DETAILS - WING WALLS' AND  
 'END BENT 2 DETAILS - WING WALLS' FOR REINFORCEMENT IN WINGS.



**BENT 1 DIAPHRAGM  
REINFORCING DETAIL**

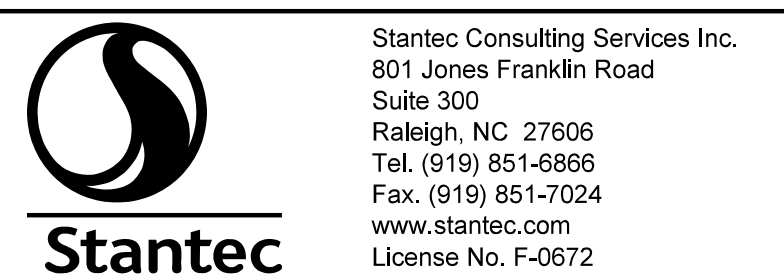
**NOTES:**  
 #4 "S" BARS MAY BE REPOSITIONED AS  
 FOUND NECESSARY TO CLEAR PRESTRESSED GIRDERS.  
 "A" BARS, "B" BARS & BARRIER RAIL REINFORCEMENT  
 ARE NOT SHOWN IN DECK SLAB FOR CLARITY.  
 FOR SECTION A-A, SECTION B-B AND SECTION C-C  
 SEE SUPERSTRUCTURE "TYPICAL SECTION DETAILS", SHT 3 OF 3.  
 (2 BR) DENOTES 2 BAR RUN.  
 [Hatched Box] DENOTES CONC. BLOCKOUT SEE END BENT SHEETS,  
 AND SUPERSTRUCTURE TYPICAL SECTION DETAILS.

PROJECT NO. R-2707E  
CLEVELAND COUNTY  
 STATION: 13+08.49 -Y42-

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**SUPERSTRUCTURE  
 PLAN OF SPANS  
 DETAILS -  
 DIAPHRAGMS**

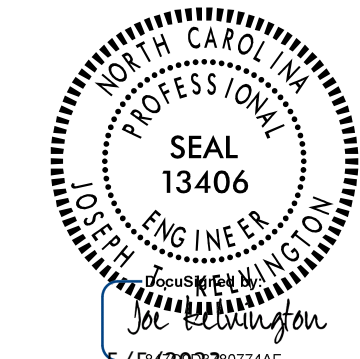
REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S7-11	
1			3			TOTAL SHEETS	
2			4			34	



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 License No. F-0672

DRAWN BY: J. B. GEILE DATE: 12/08/18  
 CHECKED BY: A. L. BOYKIN DATE: 02/17/23

DESIGN ENGINEER OF RECORD: J. T. KELVINGTON DATE: 05/05/23



DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED