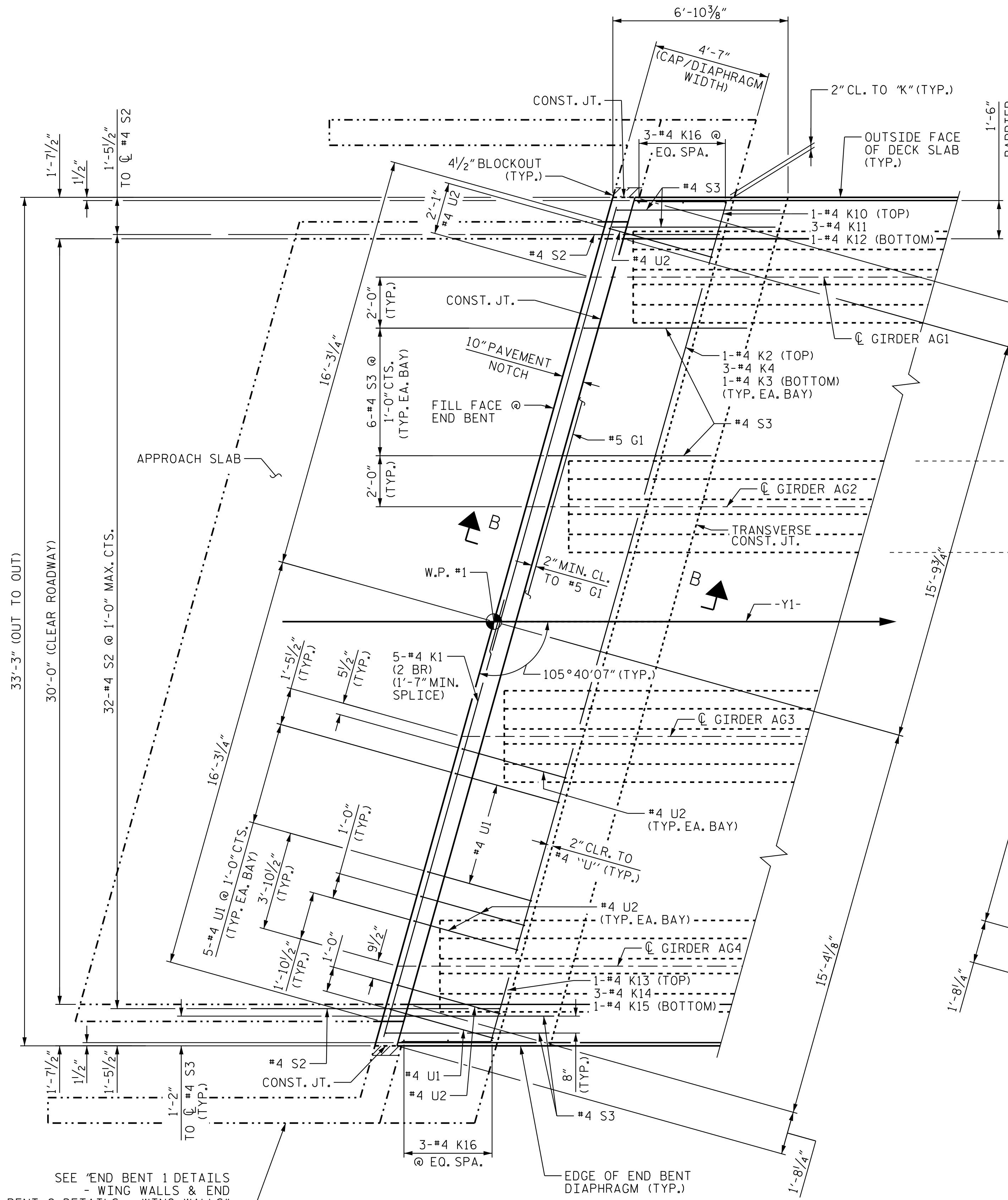


4/27/2023 10:23:52 AM jhogenbush
4/27/2023 10:23:52 AM jhogenbush
4/27/2023 10:23:52 AM jhogenbush



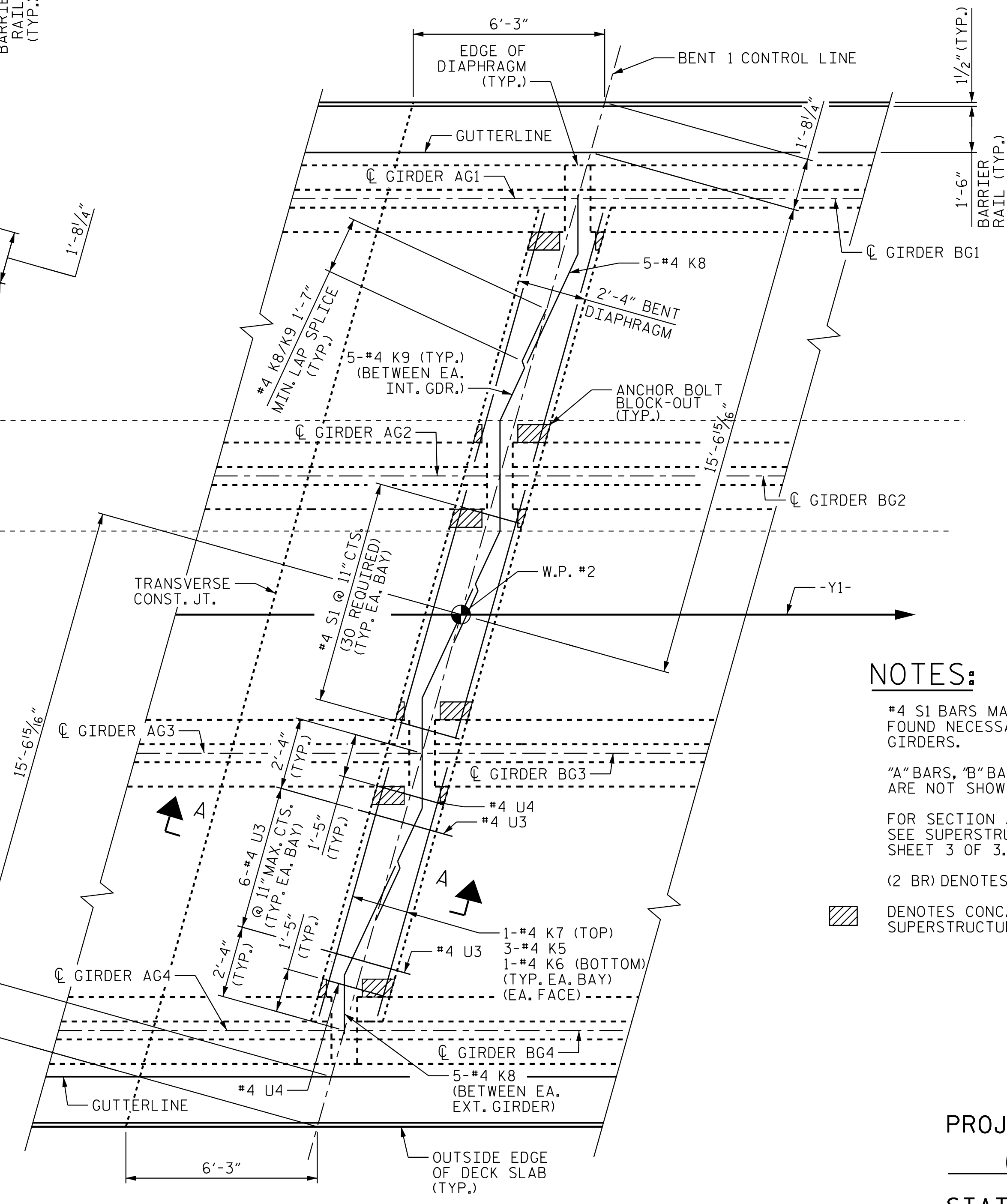
**TYPICAL END BENT
DIAPHRAGM REINFORCING
DETAIL**

DETAIL AT END BENT 1 SHOWN.
END BENT 2 SIMILAR BY ROTATION.
S2 & S3 BARS MAY BE REPOSITIONED AS NECESSARY TO CLEAR
GIRDERS AND OTHER REINFORCING BAR CONFLICTS.

SEE "END BENT 1 DETAILS - WING WALLS & END BENT 2 DETAILS - WING WALLS" FOR REINFORCEMENT IN WINGS.

DRAWN BY: J. B. GEILE DATE: 01/29/18
CHECKED BY: N. D'AIUTO DATE: 01/30/18

DESIGN ENGINEER OF RECORD: J. KELVINGTON DATE: 04/27/23



**BENT DIAPHRAGM
REINFORCING DETAIL**

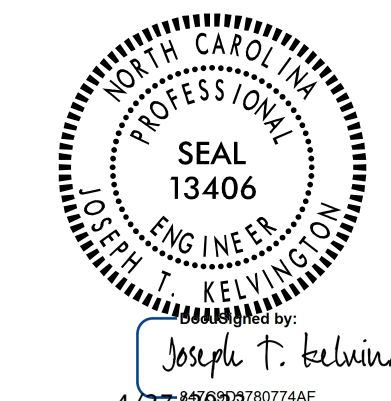
NOTES:

- #4 S1 BARS MAY BE REPOSITIONED AS FOUND NECESSARY TO CLEAR PRESTRESSED GIRDERS.
- "A" BARS, "B" BARS & BARRIER RAIL REINF. ARE NOT SHOWN IN DECK SLAB FOR CLARITY.
- FOR SECTION A-A, SECTION B-B, SEE SUPERSTRUCTURE "TYPICAL SECTION DETAILS", SHEET 3 OF 3.
- (2 BR) DENOTES 2 BAR RUN.
- [Hatched Box Symbol] DENOTES CONC. BLOCKOUT. SEE END BENT SHTS. AND SUPERSTRUCTURE TYPICAL SECTION DETAILS.

PROJECT NO. R-2707D
CLEVELAND COUNTY
STATION: 19+82.46 -Y1-

SHEET 3 OF 3

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



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO. S1-11
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 32
2			4			



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