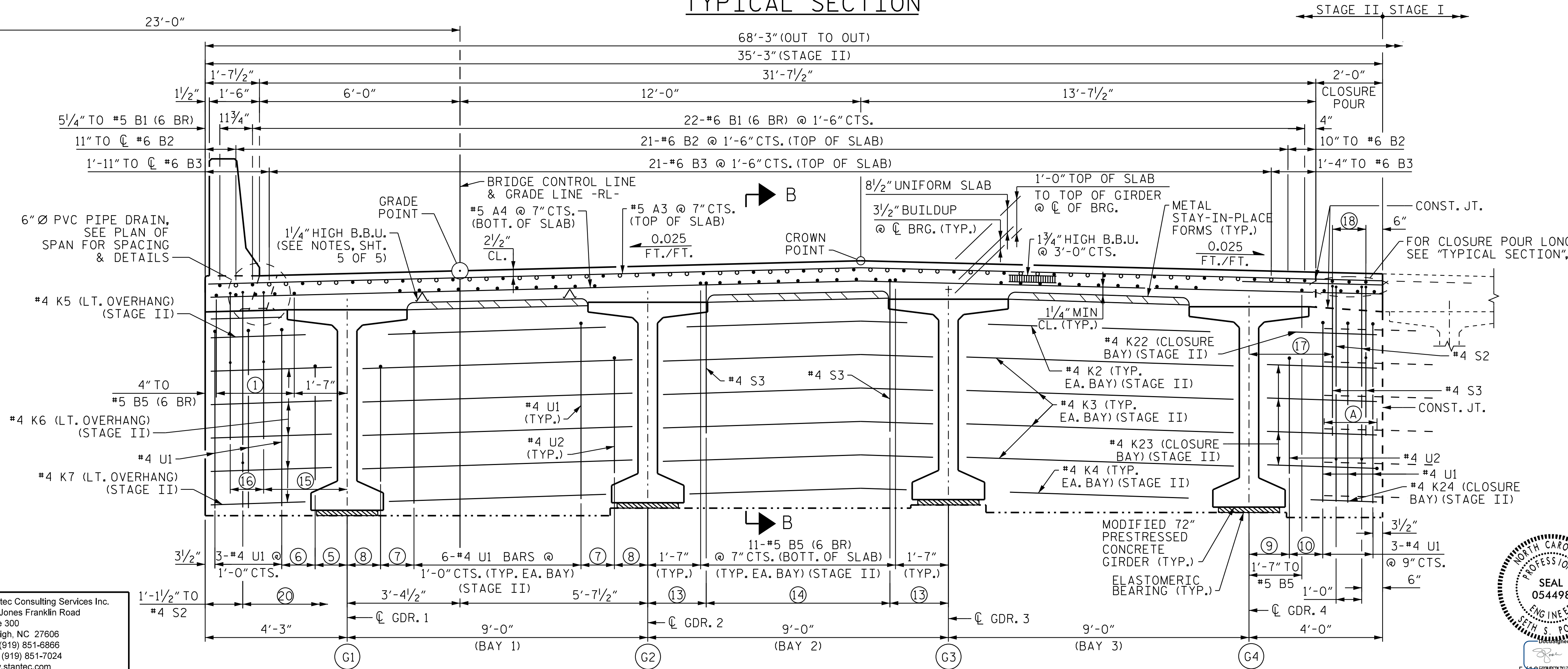


INTEGRAL DIAPHRAGM REINFORCING AT FRONT FACE (STAGE I)  
TYPICAL SECTION

**NOTES**  
SEE "TYPICAL SECTION DETAILS", SHEET 5 OF 5 FOR ADDITIONAL NOTES.  
FOR APPROACH SLAB PAVEMENT NOTCH DETAIL, SEE "TYPICAL SECTION DETAILS", SHEET 5 OF 5.  
• DENOTES CONTINUOUS LONGITUDINAL DECK REINFORCEMENT.  
○ DENOTES NON-CONTINUOUS LONGITUDINAL DECK REINFORCEMENT.  
#4 S2 MAY BE REPOSITIONED AS NECESSARY TO CLEAR GIRDERS.  
(6 BR) DENOTES 6 BAR RUN.  
\* PORTABLE PRECAST CONCRETE MEDIAN BARRIER ANCHORED TO BRIDGE DECK. (SEE NCDOT STD. 854.04 & 1170.01)  
\*\* DOWELS SHALL BE PLACED IN THE SAME HORIZONTAL PLANE AS THE TOP SLAB REINFORCING STEEL.

- ① 5-#5 B5 (6 BR) @ 7" CTS (BOTT. OF SLAB) BAR MAY BE CUT OR ADJUSTED SLIGHTLY TO CLEAR DECK DRAINS.
- ③ 1'-0" TO #4 U1 (TYP. EA. BAY) (STAGE I)
- ④ 1 1/2" TO #4 U2 (TYP. EA. BAY) (STAGE I)
- ⑤ 1 1/2" TO #4 U2
- ⑥ 1'-0" TO #4 U1
- ⑦ 1'-0" TO #4 U1 (TYP. EA. BAY) (STAGE II)
- ⑧ 1'-0" TO #4 U2 (TYP. EA. BAY) (STAGE II)
- ⑨ 1'-2 1/2" TO #4 U2 (STAGE II)
- ⑩ 1'-0" TO #4 U1 (STAGE II)
- ⑪ 1'-1 1/2" TO #4 S3 (TYP. EA. BAY) (STAGE I)
- ⑫ 6-#4 S3 @ 1'-0" CTS. (TYP. EA. BAY) (STAGE I)
- ⑬ 2'-0" TO #4 S3 (TYP. EA. BAY) (STAGE II)
- ⑭ 6-#4 S3 @ 1'-0" CTS. (TYP. EA. BAY) (STAGE II)
- ⑮ 2'-6" TO #4 S3
- ⑯ 2'-6" TO #4 S2 & #4 S3 (CLOSURE BAY) (STAGE II)
- ⑰ #4 S3 @ 1'-0" MAX. CTS. (CLOSURE BAY) (STAGE II)
- ⑱ 32-#4 S2 @ 1'-0" ± CTS. (STAGE I)
- ⑳ 32-#4 S2 @ 1'-0" ± CTS. (STAGE II). SEE "PLAN OF SPANS DETAILS", SHEET 7 OF 8 FOR PLACEMENT.



INTEGRAL DIAPHRAGM REINFORCING AT FRONT FACE (STAGE II)  
TYPICAL SECTION

PROJECT NO. R-2707D  
CLEVELAND COUNTY  
STATION: 849+00.00 -L-

SHEET 2 OF 5

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
SUPERSTRUCTURE  
TYPICAL SECTION  
(RIGHT LANE)



**Stantec**  
Stantec Consulting Services Inc.  
801 Jones Franklin Road  
Suite 300  
Raleigh, NC 27606  
Tel. (919) 851-6866  
Fax. (919) 851-7024  
www.stantec.com  
License No. F-0672

DRAWN BY: J. B. GEILE DATE: 10/18/18  
CHECKED BY: S.S. POOLE DATE: 01/10/23  
DESIGN ENGINEER OF RECORD: S.S. POOLE DATE: 05/10/23

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO. S6-09
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 56
2			4			

Ⓐ 1'-7" MIN. SPLICE LENGTH (TYP.)