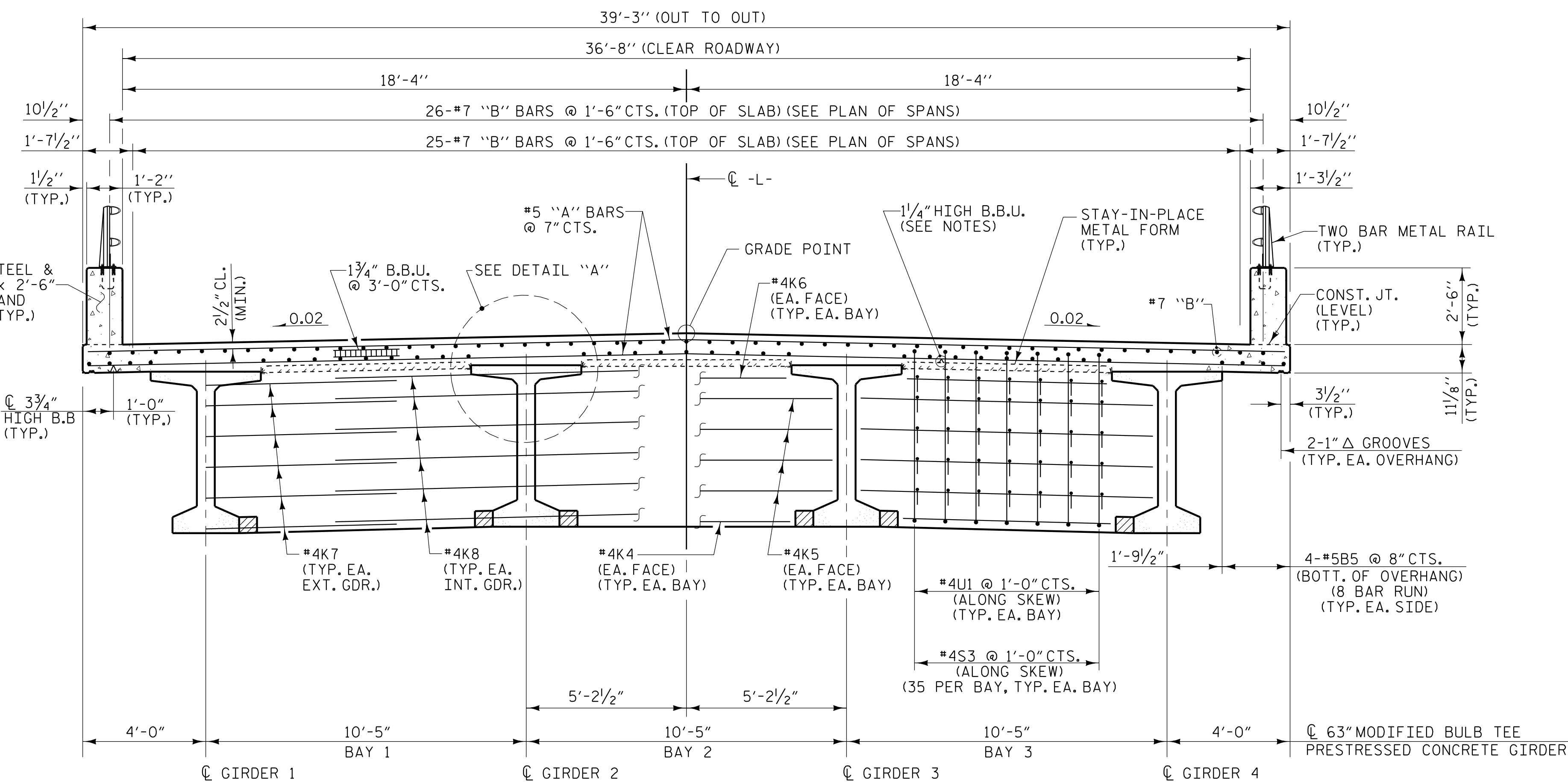


**HALF TYPICAL SECTION**  
SHOWING INTERMEDIATE DIAPHRAGM

**HALF TYPICAL SECTION**  
SHOWING END BENT DIAPHRAGM



**TYPICAL SECTION**  
SHOWING BENT DIAPHRAGM

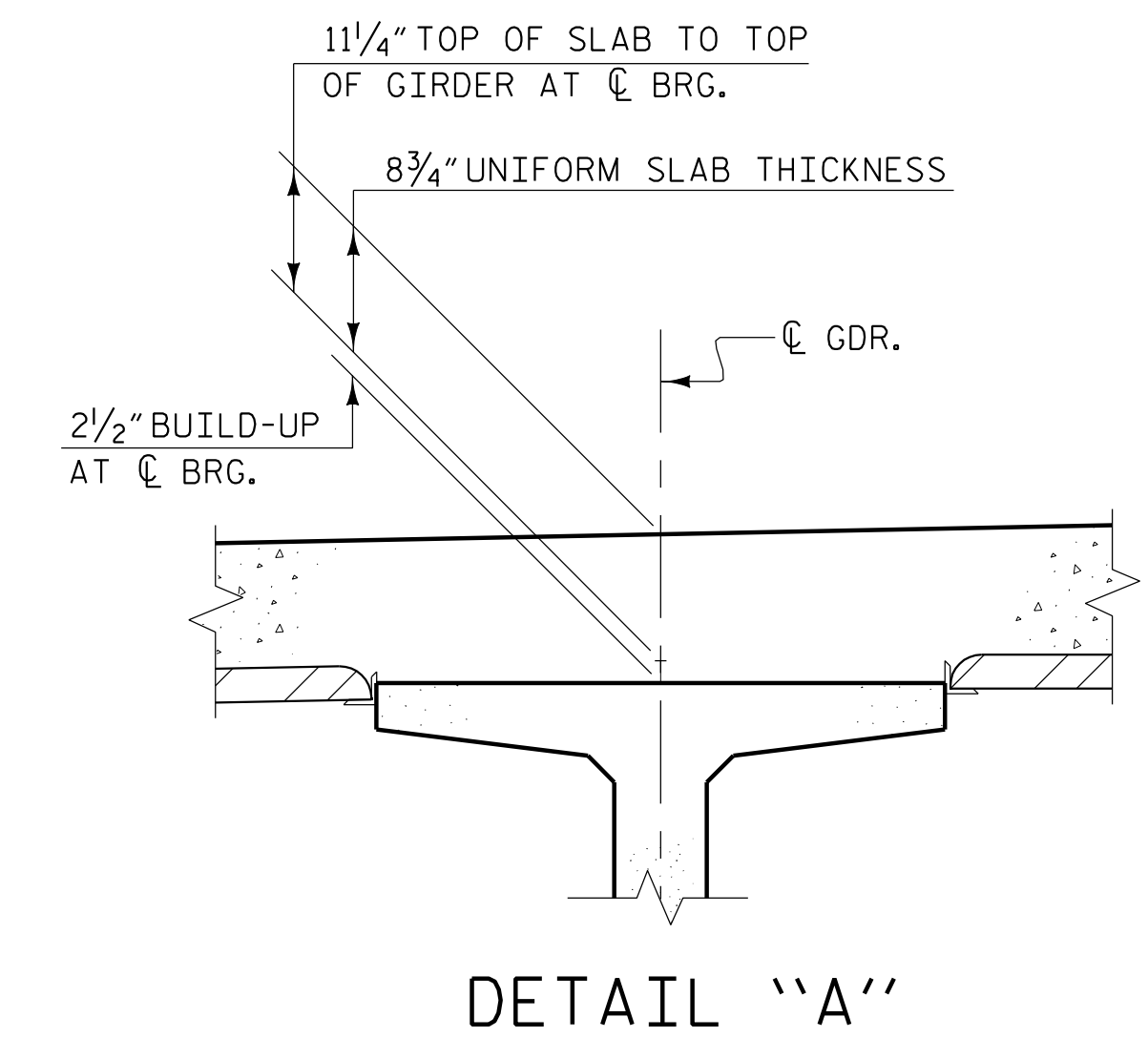
**NOTES**

PROVIDE 1/4" HIGH BEAM BOLSTERS UPPER (BBU) AT 4'-0" CENTERS ATOP THE METAL STAY-IN-PLACE FORMS TO SUPPORT THE BOTTOM MAT OF "A" BARS. WHEN USING REMOVABLE FORMS, PROVIDE CONTINUOUS HIGH CHAIRS FOR METAL DECK (C.H.C.M.) @ 4'-0" CTS. WITH A HEIGHT TO SUPPORT THE BOTTOM MAT OF "A" BARS A CLEAR DISTANCE OF 2 1/2" ABOVE THE TOP OF THE REMOVABLE FORM.

LONGITUDINAL STEEL MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO AVOID INTERFERENCE WITH STIRRUPS IN PRESTRESSED CONCRETE GIRDERS AND DRAIN PIPES IN THE DECK.

PREVIOUSLY CAST CONCRETE IN A CONTINUOUS UNIT SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI BEFORE ADDITIONAL CONCRETE IS CAST IN THE UNIT.

FOR NUMBER OF S1 & S2 BARS IN EACH BAY, SEE "PLAN OF SPANS" SHEETS.



**DETAIL "A"**

PROJECT NO. W-5518  
COLUMBUS COUNTY  
 STATION: 24+06.36 -L- POT

SHEET 1 OF 2

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

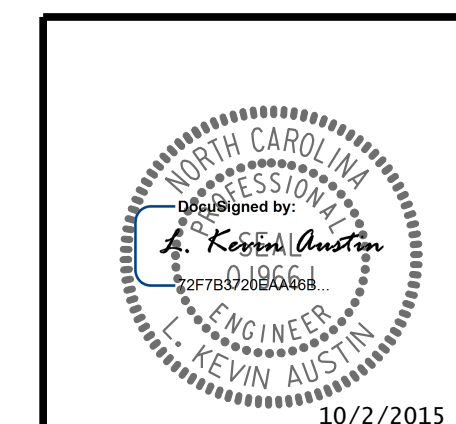
**SUPERSTRUCTURE**  
**TYPICAL SECTION**

**REVISIONS**

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO.  
**S-5**  
 TOTAL SHEETS  
**33**

DRAWN BY : W. B. ALLEN DATE : 12/14  
 CHECKED BY : Z. H. BROWN DATE : 1/15  
 DESIGN ENGINEER OF RECORD: L. K. AUSTIN DATE : 8/15



10/2/2015 4:52:44 PM R:\Structures\W5518\SMU\_15\_01.dgn