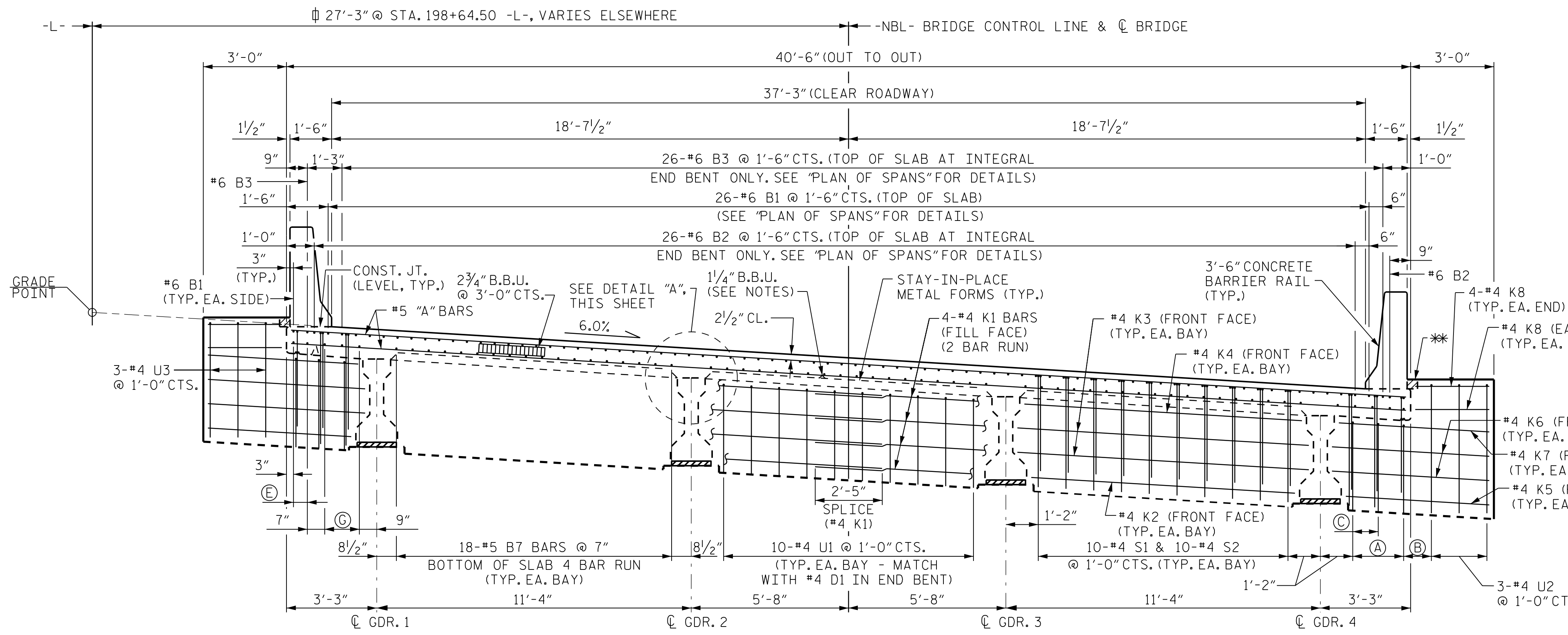


AT INTERMEDIATE DIAPHRAGM AT BENT DIAPHRAGM  
TYPICAL SECTION



TYPICAL SECTION AT INTEGRAL END BENT

**SHEET LEGEND**

- Ø RADIAL DIMENSION
- Ⓐ 3-#4 U1 & 3-#4 S1 @ 11" CTS. (TYP. EA. SIDE)
- Ⓑ 11" (TYP. EA. SIDE)
- Ⓒ 2-#4 S2 @ 11" CTS. (TYP. EA. SIDE)
- Ⓓ 2-1" Δ DRIP GROOVES (TYP. EA. OVERHANG)
- Ⓔ 2-#5 B8 @ 6" CTS. BOTTOM OF SLAB 4 BAR RUN (TYP. EA. OVERHANG)
- Ⓕ 3 3/4" B.B.U. (LEFT OVERHANG) 3" B.B.U. (RIGHT OVERHANG)
- Ⓖ 3-#5 B7 @ 7" CTS. BOTTOM OF SLAB 4 BAR RUN (TYP. EA. OVERHANG)

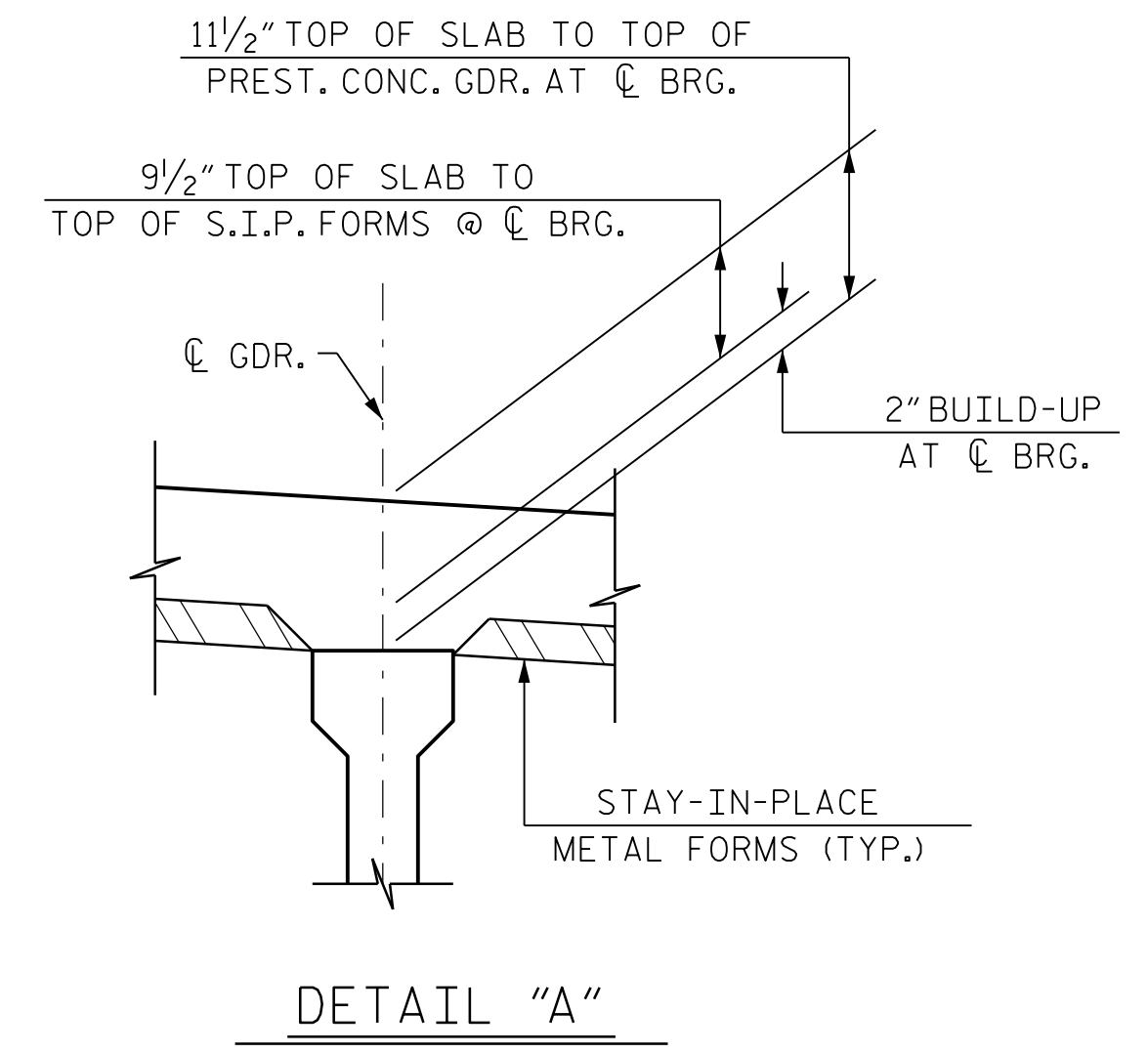
**NOTES**

PROVIDE 1 1/4" HIGH BEAM BOLSTERS UPPER AT 4'-0" CTS. 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 (CHCM) AT 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.

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.

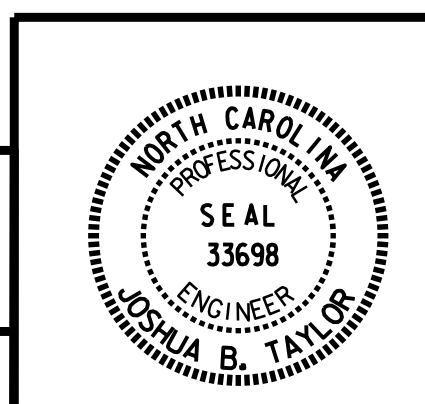
BARRIER RAIL IN A CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THAT UNIT HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.



\* THE CONCRETE IN THE HATCHED AREA OF THE INTEGRAL END BENT DIAPHRAGM SHALL BE POURED AFTER THE BARRIER IS CAST IF SLIP FORMING IS USED. SEE SHEET "PLAN OF SPAN DETAILS" FOR BLOCKOUT GEOMETRY. (TYP. EA. SIDE)

PROJECT NO. R-2915B  
ASHE COUNTY  
STATION: 198+64.50 -L-  
SHEET 1 OF 2

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



**CDM Smith**  
4000 Glenwood Avenue, Suite 400  
Raleigh, NC 27612-3228  
NC COA No. F-1255

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NC COA No. F-1255

DWG. No. \_\_\_\_\_  
DRAWN BY: B. WADSWORTH DATE: 06-15  
CHECKED BY: J. TAYLOR DATE: 06-15  
DESIGN ENGINEER: J. TAYLOR DATE: 06-15

REVISIONS				SHEET No.	
No.	BY:	DATE:	No.	BY:	DATE:
1			3		
2			4		

TOTAL SHEETS 34

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