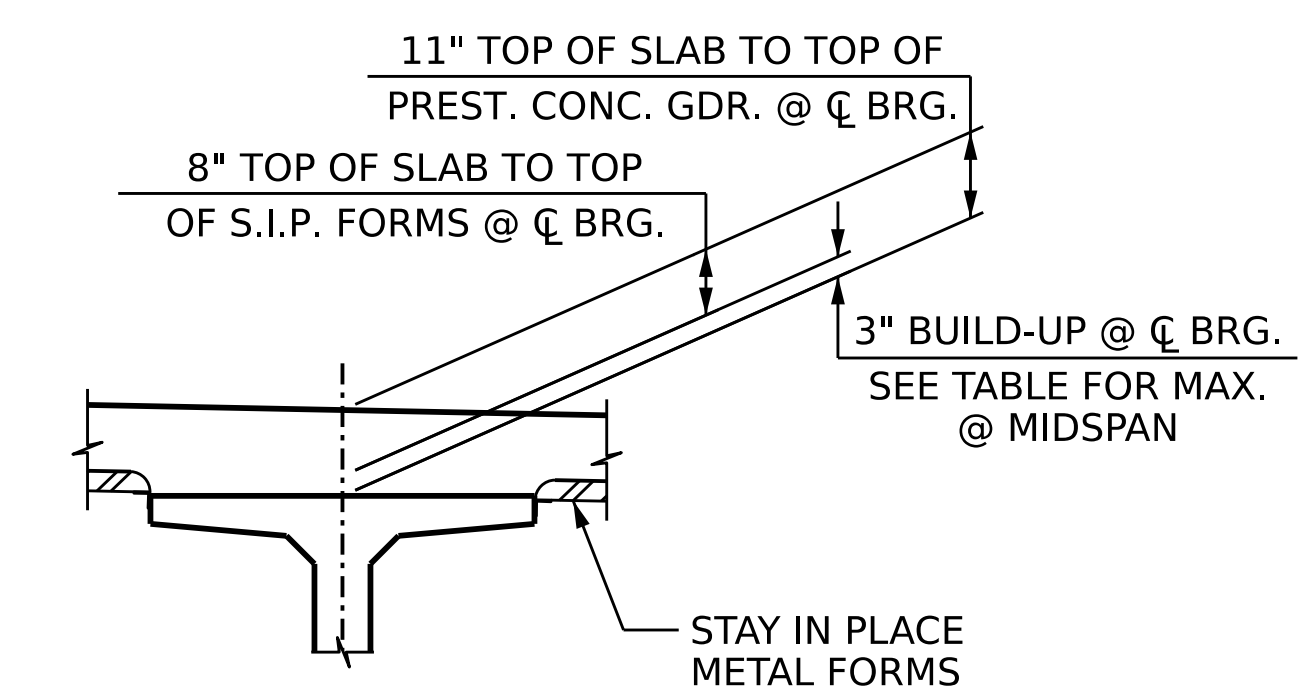


HALF SECTION AT MIDSPAN

HALF SECTION AT BENT LINK SLAB

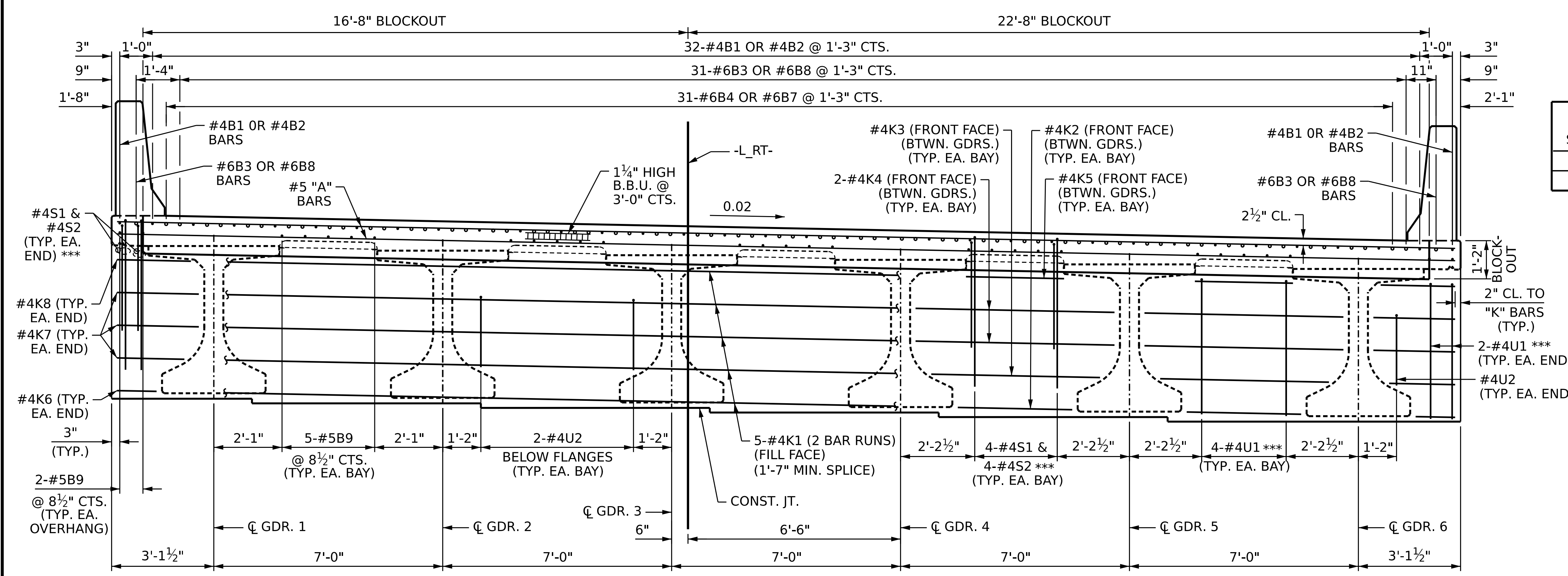
TYPICAL SECTION

- 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 (C.H.C.M.) 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 THE UNIT HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
 - ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL UNLESS OTHERWISE NOTED.
 - ** FOR INTERMEDIATE STEEL DIAPHRAGM DETAILS, SEE "INTERMEDIATE STEEL DIAPHRAGMS FOR 54" FLORIDA I-BEAMS" SHEET.
 - *** #4S1, #4S2, AND #4U1 BARS TO MATCH WITH #4 "V" BARS IN INTEGRAL END BENT CAP
 - ① FOR BARRIER RAIL REINFORCING STEEL & DETAILS, SEE "CONCRETE BARRIER RAIL" SHEETS.



SPAN	MAX. MIDSPAN BUILD-UP (INCHES)*	CONTROLLING GIRDER
1	1 7/8"	2
2	2 1/8"	2

* BASED ON PREDICTED FINAL CAMBER AND THEORETICAL GRADE LINE ELEVATIONS



TYPICAL SECTION AT INTEGRAL END BENT

END BENT 1 SHOWN, END BENT 2 SIMILAR

DETAIL 'A'

PROJECT NO. **B-3186 / B-5898**
HAYWOOD COUNTY
 STATION: **24+42.26 -L_RT-**
 SHEET 1 OF 2

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SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 A.K. VASUDEVAN
 054212

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE

TYPICAL SECTION DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-06
1			3			TOTAL SHEETS
2			4			31

DRAWN BY: **A.R. VAN VUREN** DATE: **03/2023**
 CHECKED BY: **A.K. VASUDEVAN** DATE: **05/2023**
 DESIGN ENGINEER OF RECORD: **A.K. VASUDEVAN** DATE: **06/2023**

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

10/18/2023