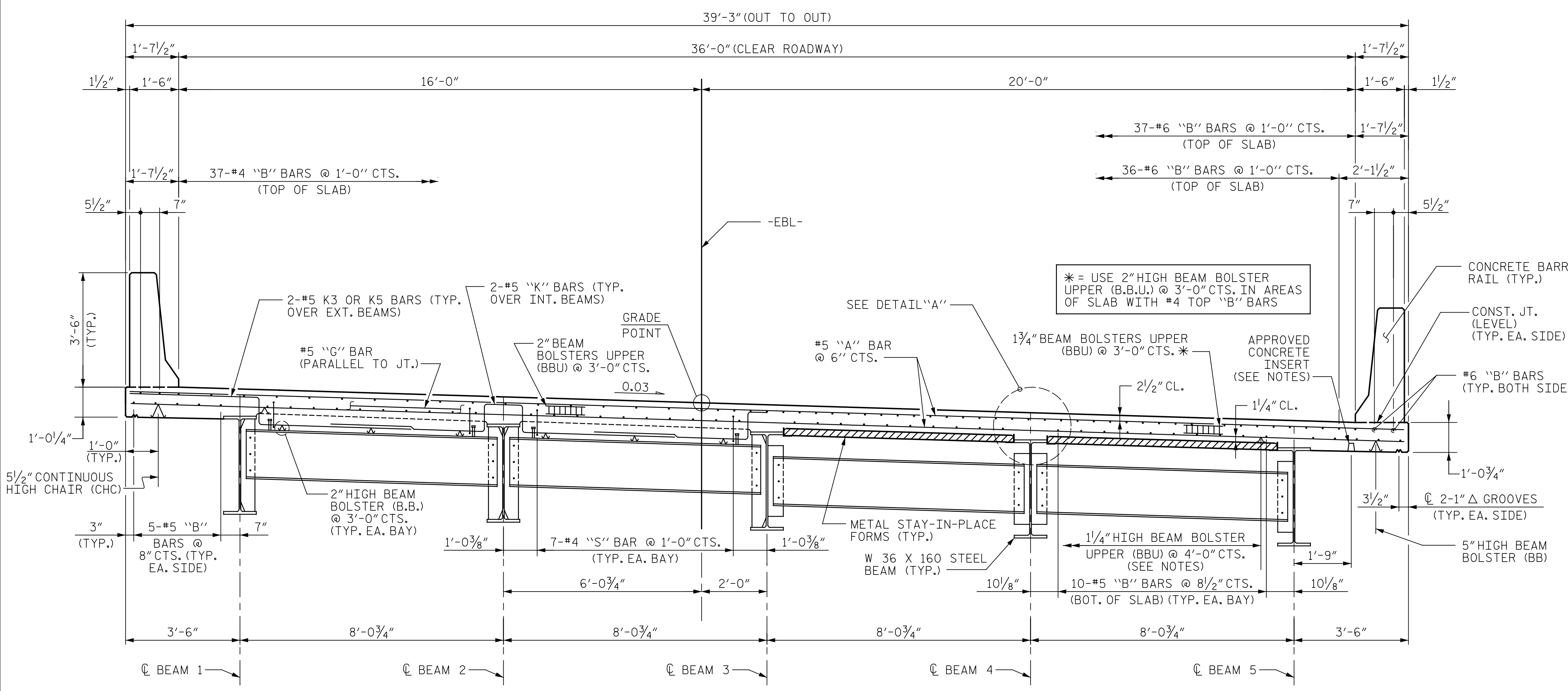


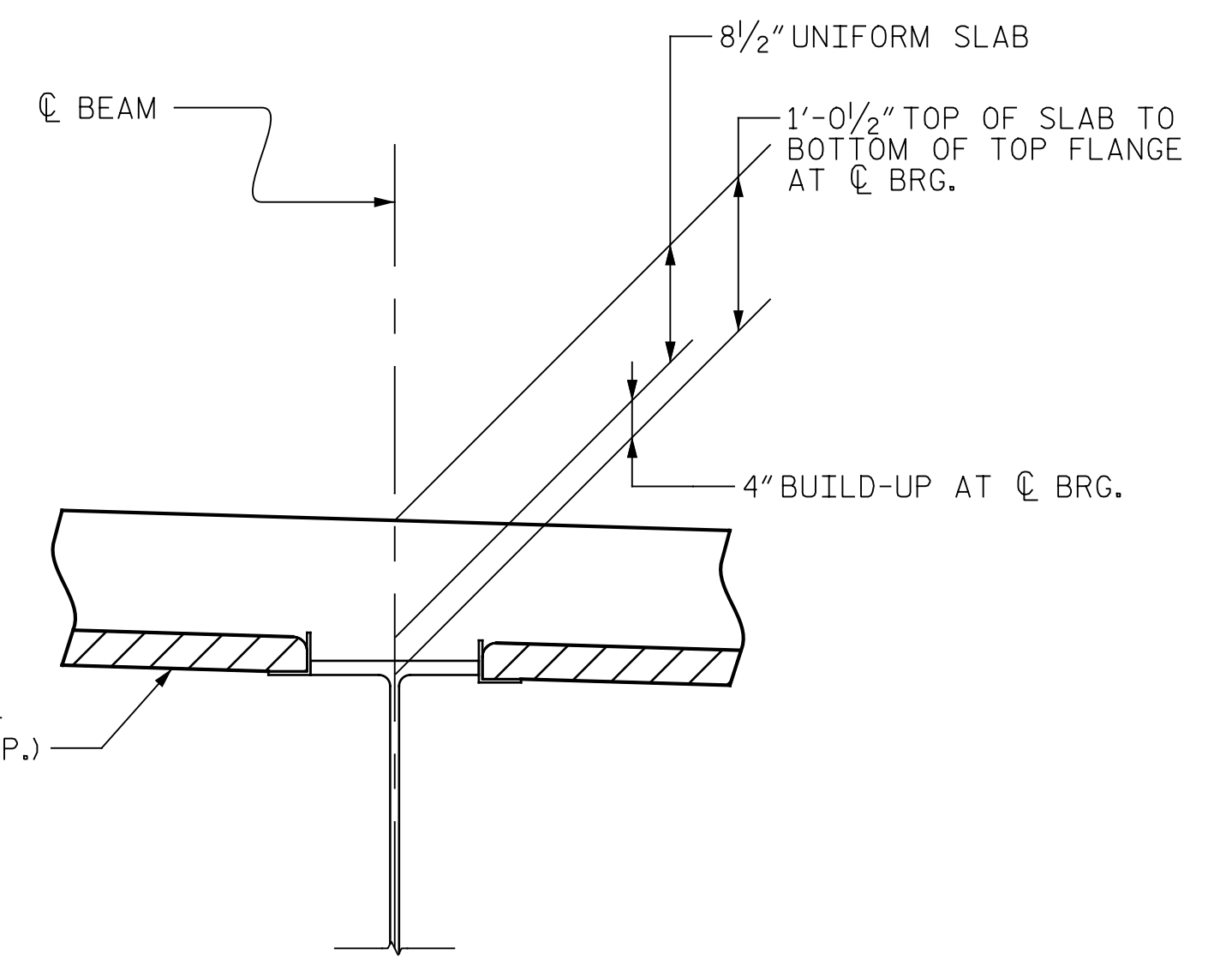
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HALF SECTION AT END DIAPHRAGM
(TYP. @ END BENTS, BENTS 5 & 8)

HALF SECTION AT INTERMEDIATE & BENT DIAPHRAGM
(TYP. @ BENTS 1, 2, 3, 4, 9, 10, 11, & 12 AND IN SPANS)

TYPICAL SECTION



DETAIL "A"

- NOTES:**
- PROVIDE 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.) @ 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.
 - METAL STAY-IN-PLACE FORMS SHALL NOT BE WELDED TO BEAM OR GIRDER FLANGES IN THE ZONES REQUIRING CHARPY V-NOTCH TEST. SEE STRUCTURAL STEEL DETAIL SHEETS.
 - 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.
 - STRUCTURAL STEEL ERECTION IN A CONTINUOUS UNIT SHALL BE COMPLETE BEFORE FALSEWORK OR FORMS ARE PLACED ON THE UNIT.
 - #5 "G" BAR MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO CLEAR REINFORCING STEEL AND STIRRUPS.
 - THE CONTRACTOR MAY, WHEN NECESSARY, PROPOSE A SCHEME FOR AVOIDING INTERFERENCE BETWEEN METAL STAY-IN-PLACE FORM SUPPORTS OR FORMS AND BEAM/GIRDER STIFFENERS OR CONNECTOR PLATES. THE PROPOSAL SHALL BE INDICATED, AS APPROPRIATE, ON EITHER THE STEEL WORKING DRAWINGS OR THE METAL STAY-IN-PLACE FORM WORKING DRAWINGS.
 - THE TYPE OF CONCRETE INSERT IS SUBJECT TO THE APPROVAL OF THE ENGINEER. PAYMENT FOR CONCRETE INSERTS IS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR REINFORCED CONCRETE DECK SLAB.

PROJECT NO. B-4626
STANLY, ROWAN
AND DAVIDSON COUNTY
 STATION: 45+22.65 -EBL-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**SUPERSTRUCTURE
TYPICAL SECTION
UNITS 1 & 3**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-14
1			3			TOTAL SHEETS
2			4			125

DRAWN BY : T. FORD DATE : 05/2020
 CHECKED BY : R. FISHER DATE : 05/2021
 DESIGN ENGINEER OF RECORD: R. NELSON DATE : 05/2021

PLANS PREPARED BY:
Gannett Fleming
 Excellence Delivered As Promised

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 Raleigh, NC 27603
 (919) 420-7660
 NC Lic. No. F-0270



DocuSigned by:
Eric B. Nelson 9/2/2021
 DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED