

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.

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.

CONCRETE 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.

DOWELS SHALL BE PLACED IN THE SAME HORIZONTAL PLANE AS THE TOP AND BOTTOM SLAB REINFORCING STEEL.

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.

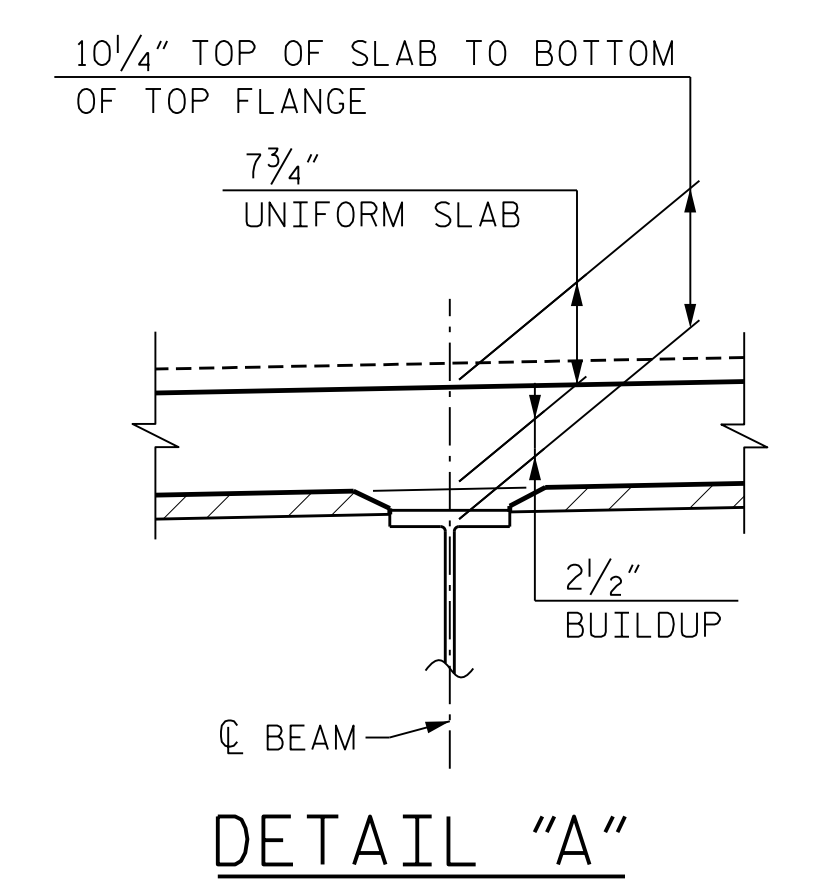
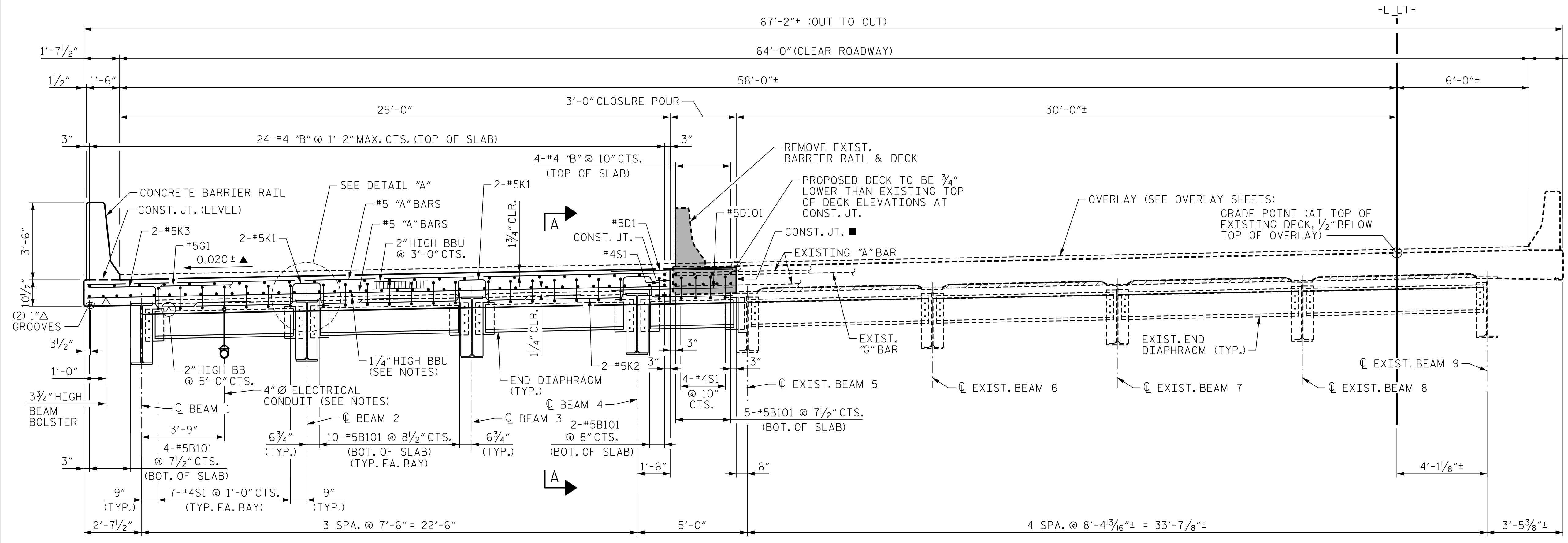
#5 "G" BARS MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO CLEAR REINFORCING STEEL AND STIRRUPS.

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.

PROVIDE THE TOP SURFACE OF THE CAST-IN-PLACE CONCRETE BRIDGE DECK AND APPROACH SLABS WITH A RAKED FINISH OR OTHER APPROVED FINISH TO PROVIDE AN ADEQUATE BOND WITH THE LATEX-MODIFIED CONCRETE OVERLAY. AS SOON AS THE CONDITION OF THE CAST-IN-PLACE CONCRETE PERMITS, RAKE THE TOP SURFACE OF THE CONCRETE MAKING DEPRESSIONS OF APPROXIMATELY 1/4 INCH. TAKE CARE WHEN RAKING NOT TO CATCH AND PULL THE COARSE AGGREGATE.

FOR SECTION A-A, SEE "SUPERSTRUCTURE TYPICAL SECTION" SHEET 2 OF 2.

FOR ELECTRICAL CONDUIT DETAILS, SEE "ELECTRICAL CONDUIT SYSTEM FOR SIGNALS" SHEET.

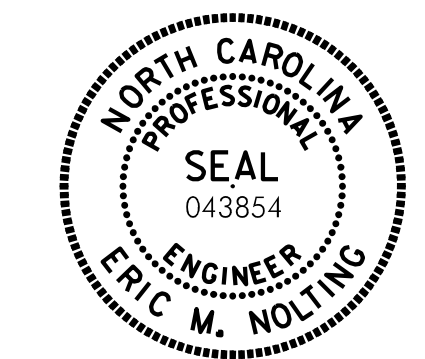


TYPICAL SECTION (SHOWING END DIAPHRAGMS)

- 1/2" DEEP SAWCUT IN TOP OF DECK, REMOVE REMAINING CONCRETE USING MEANS THAT AVOID DAMAGE TO THE EXISTING TRANSVERSE REINFORCING. AVOID DAMAGE TO THE EXISTING STEEL BEAM.
- ▲ MATCH EXISTING SUPERELEVATION

PROJECT NO. B-3186/B-5898
HAYWOOD COUNTY
 STATION: 68+82.30± -L-LT-

SHEET 1 OF 2



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE TYPICAL SECTION

REVISIONS						SHEET NO. SO3L-09
NO.	BY:	DATE:	NO.	BY:	DATE:	
1	--	--	3	--	--	TOTAL SHEETS 44
2	--	--	4	--	--	



Eric Nolting 1/24/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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DES BY: F. CORDOVA	DATE: 05/21	DWG BY: B. PETERSON	DATE: 03/21
DES CHK: E. NOLTING	DATE: 07/21	CHK BY: E. NOLTING	DATE: 07/21