

CONTRACTOR SHALL FIELD VERIFY CUT LOCATION AND OBTAIN APPROVAL OF ENGINEER PRIOR TO SAW CUTTING TO ENSURE THAT THE GIRDER FLANGE IS NOT DAMAGED IN REMOVAL OF DECK.

NOTES:

PROVIDE 7/4" CONTINUOUS HIGH CHAIRS (CHCM) AT 4'-0" CTS. WITH A HEIGHT TO SUPPORT THE BOTTOM MAT OF 'A' BARS A CLEAR DISTANCE OF 7/4" ABOVE THE TOP OF THE REMOVABLE FORM.

LONGITUDINAL STEEL MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO AVOID INTERFERENCE WITH STIRRUPS IN PRESTRESSED CONCRETE GIRDERS.

CONCRETE 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.

** FULL DEPTH SAW CUT OF EXISTING DECK SLAB (ONLY). CHIP OUT THE INTEGRAL END BENT RETAINING REINFORCEMENT. TRIM & CLEAN REINFORCEMENT AS NECESSARY FOR PLACEMENT OF NEW GIRDER AND REINFORCEMENT.

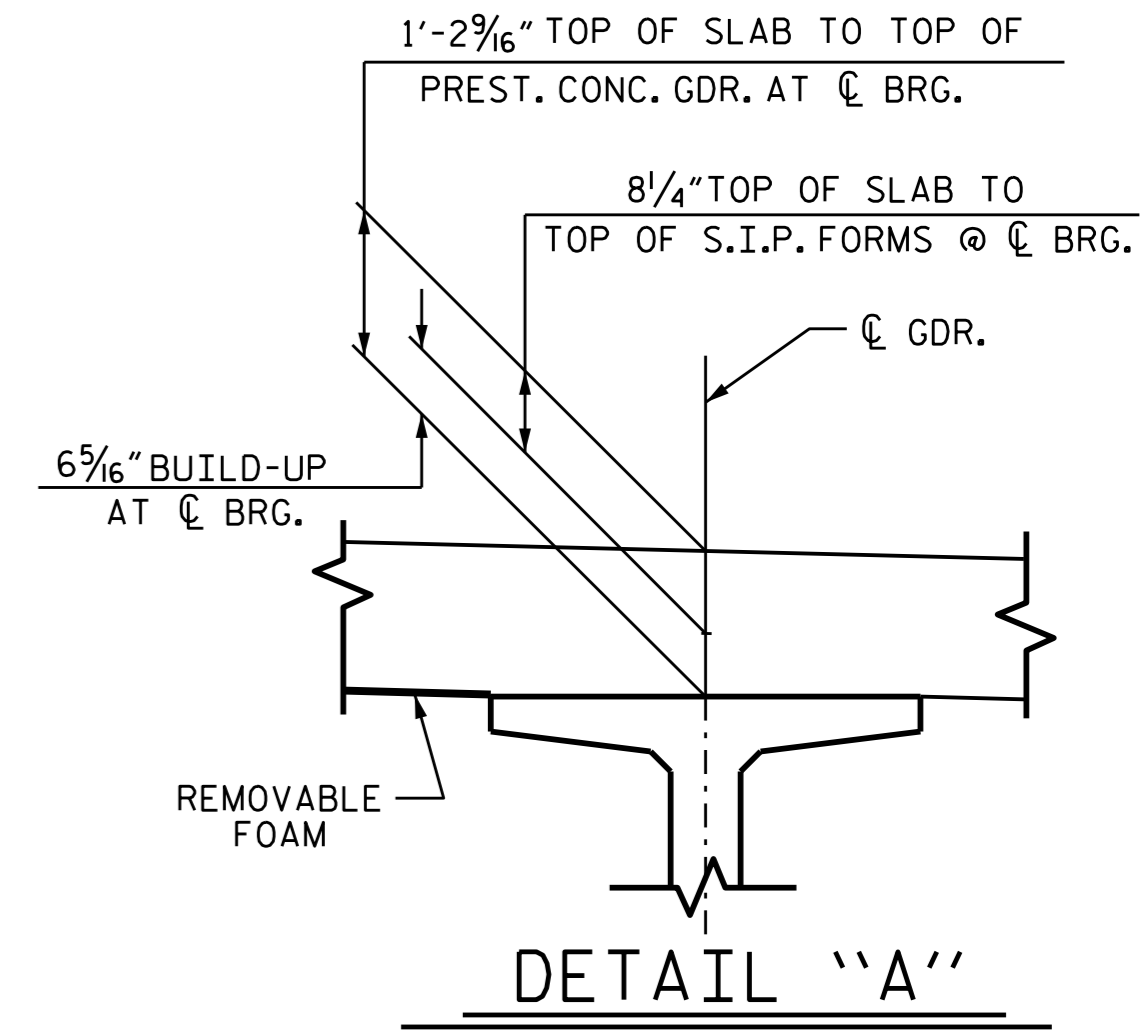
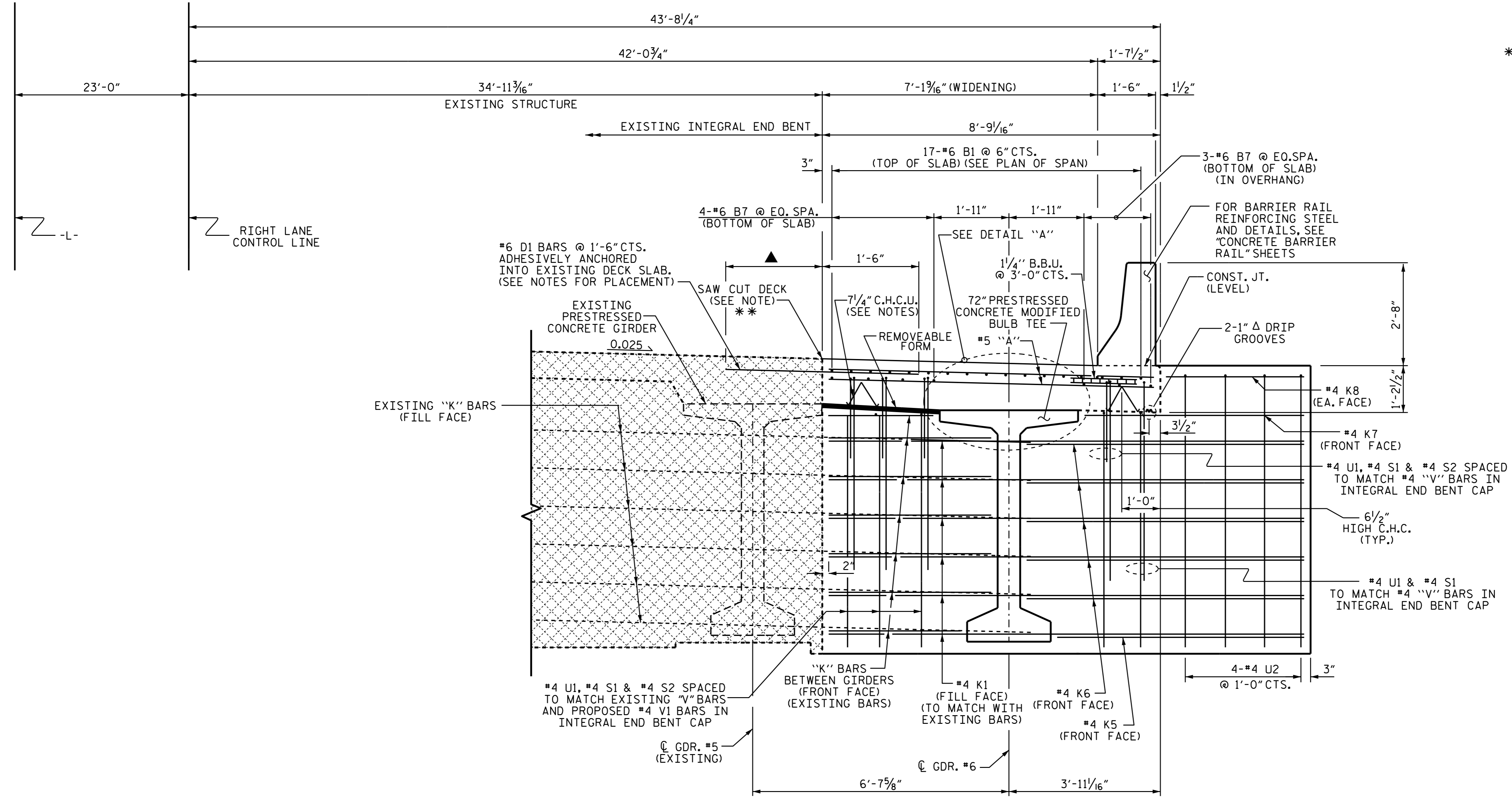
CARE SHOULD BE TAKEN NOT TO CUT EXISTING GIRDER FLANGE.

DOWELS SHALL BE PLACED IN THE SAME HORIZONTAL PLANE AS THE MAIN STEEL.

CONCRETE IN INTERMEDIATE DIAPHRAGMS MAY BE CLASS A IN LIEU OF CLASS AA. PAYMENT SHALL BE MADE UNDER THE UNIT CONTRACT PRICE FOR REINFORCED CONCRETE DECK SLAB.

▲ #6 D1 DOWELS PLACED IN THE EXISTING DECK AND #4 K14 BARS IN CONTINUOUS BENT DIAPHRAGM SHALL BE INSTALLED USING AN ADHESIVE ANCHORING SYSTEM. LEVEL 1 FIELD TESTING IS REQUIRED AND THE YIELD LOAD OF THE #6 D1 IS 26.4 KIPS AND THE #4 K14 IS 12.0 KIPS. FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS, SEE SECTION 420-13 OF THE STANDARD SPECIFICATIONS.

TEMPORARY STRUTS SHALL BE PLACED BETWEEN THE EXISTING PRESTRESSED GIRDER AND THE PROPOSED PRESTRESSED GIRDER AS SHOWN IN THE PLANS AND THE NUTS ON THE 1/4" DIA. TIE RODS SHALL BE FULLY TIGHTENED BEFORE DIAPHRAGMS ARE CAST. STRUTS SHALL REMAIN IN PLACE 3 DAYS AFTER CONCRETE IS PLACED. THE TIE RODS SHALL BE RETIGHTENED AFTER THE STRUTS HAVE BEEN REMOVED.



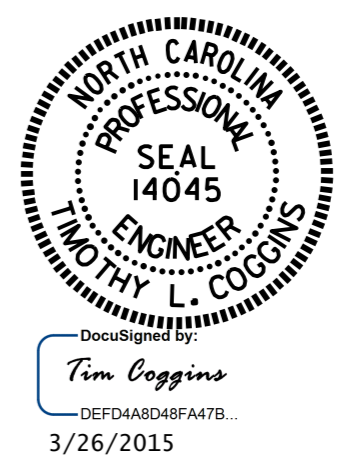
TYPICAL SECTION @ INTEGRAL END BENT

▲ EMBEDMENT LENGTH TO BE DETERMINED BY THE SELECTED MANUFACTURER

PROJECT NO. R-2514D
 JONES & CRAVEN COUNTY
 STATION: 625+23.28 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE TYPICAL SECTION					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO. S18-005					TOTAL SHEETS 39



DRAWN BY: B.N. BARODAWALA DATE: 2-18-14
 CHECKED BY: NEIL RUFFIN DATE: 8-13-14
 DESIGN ENGINEER OF RECORD: K. P. SEDAI DATE: 10-31-14