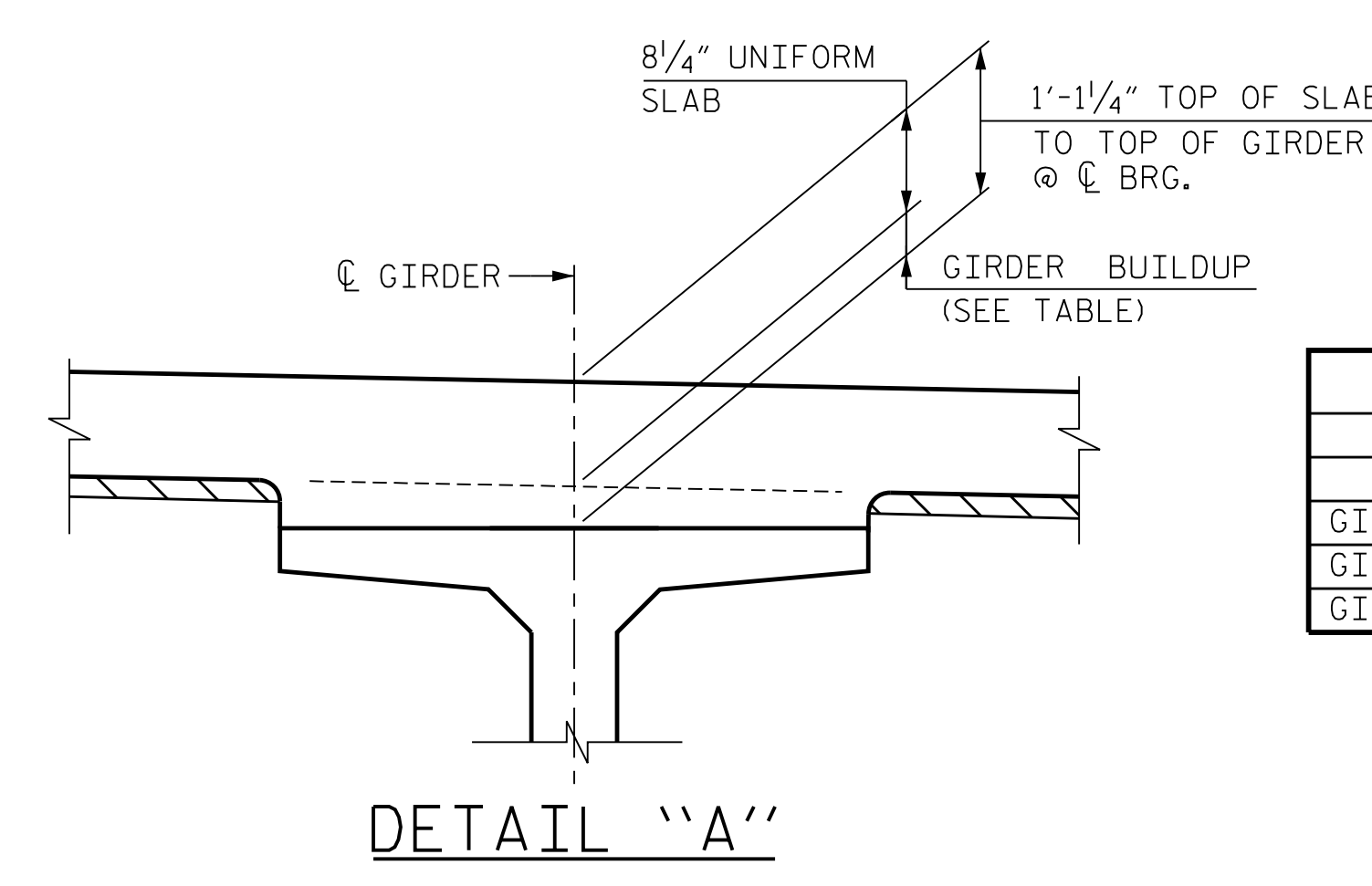


**TYPICAL SECTION**

(SEE "SUPERSTRUCTURE TYPICAL SECTION" SHEETS 2, 3 AND 4 OF 5 FOR ADDITIONAL DETAILS NOT SHOWN HERE)



	GIRDER BUILDUP			
	SPAN A		SPAN B	
	CL BRG	@ MIDSPAN ▲	CL BRG	@ MIDSPAN ▲
GIRDERS 1, 19	5"	4 7/16"	5"	4 7/16"
GIRDERS 2-5, 8-11, 14-18	5"	4 1/8"	5"	4 3/16"
GIRDERS 6, 7, 12, 13	5"	3 15/16"	5"	3 15/16"

▲ = MAXIMUM BUILDUP BASED ON PREDICTED FINAL CAMBER AND THEORETICAL GRADE LINE ELEVATIONS.

**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.) @ 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.

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

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.

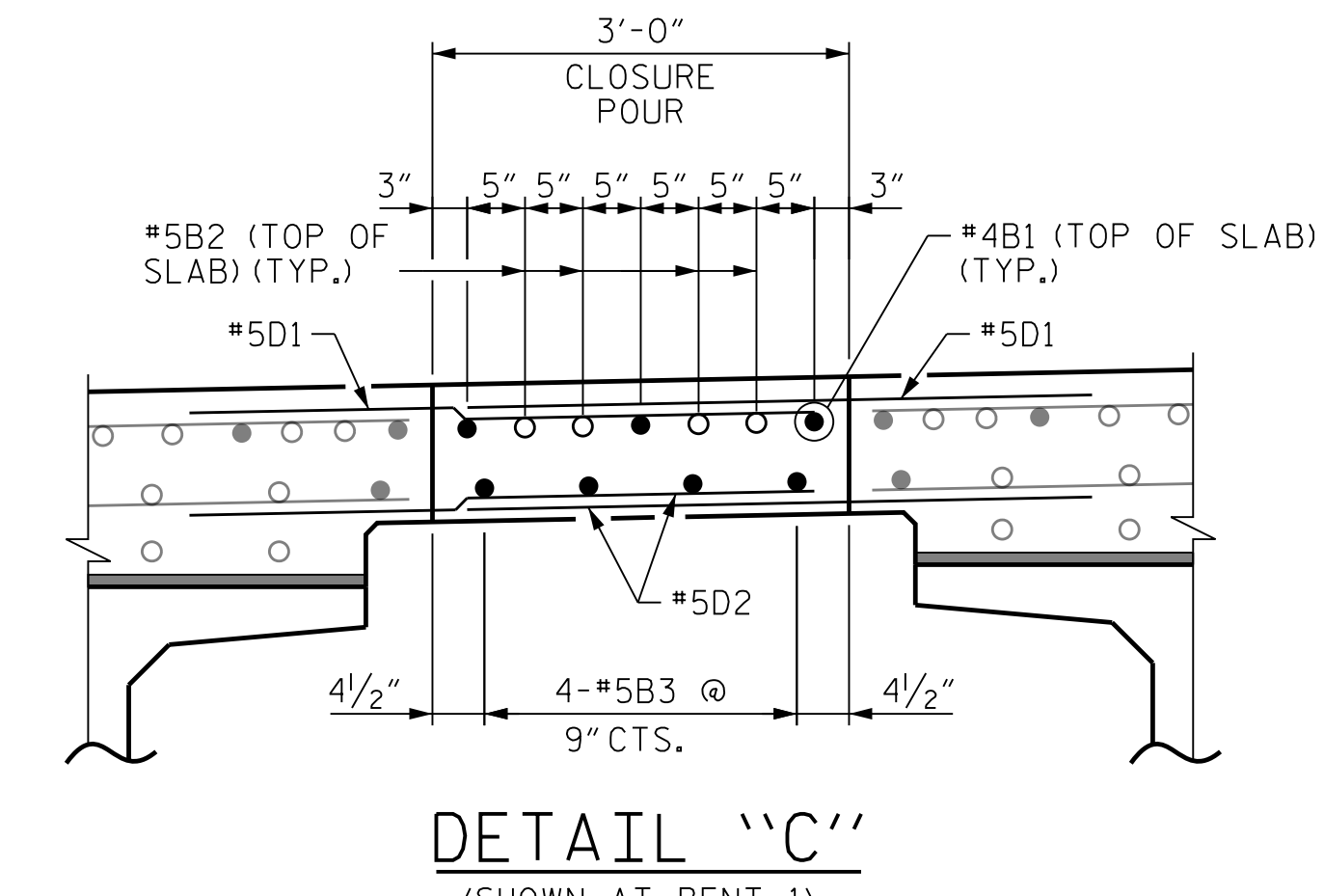
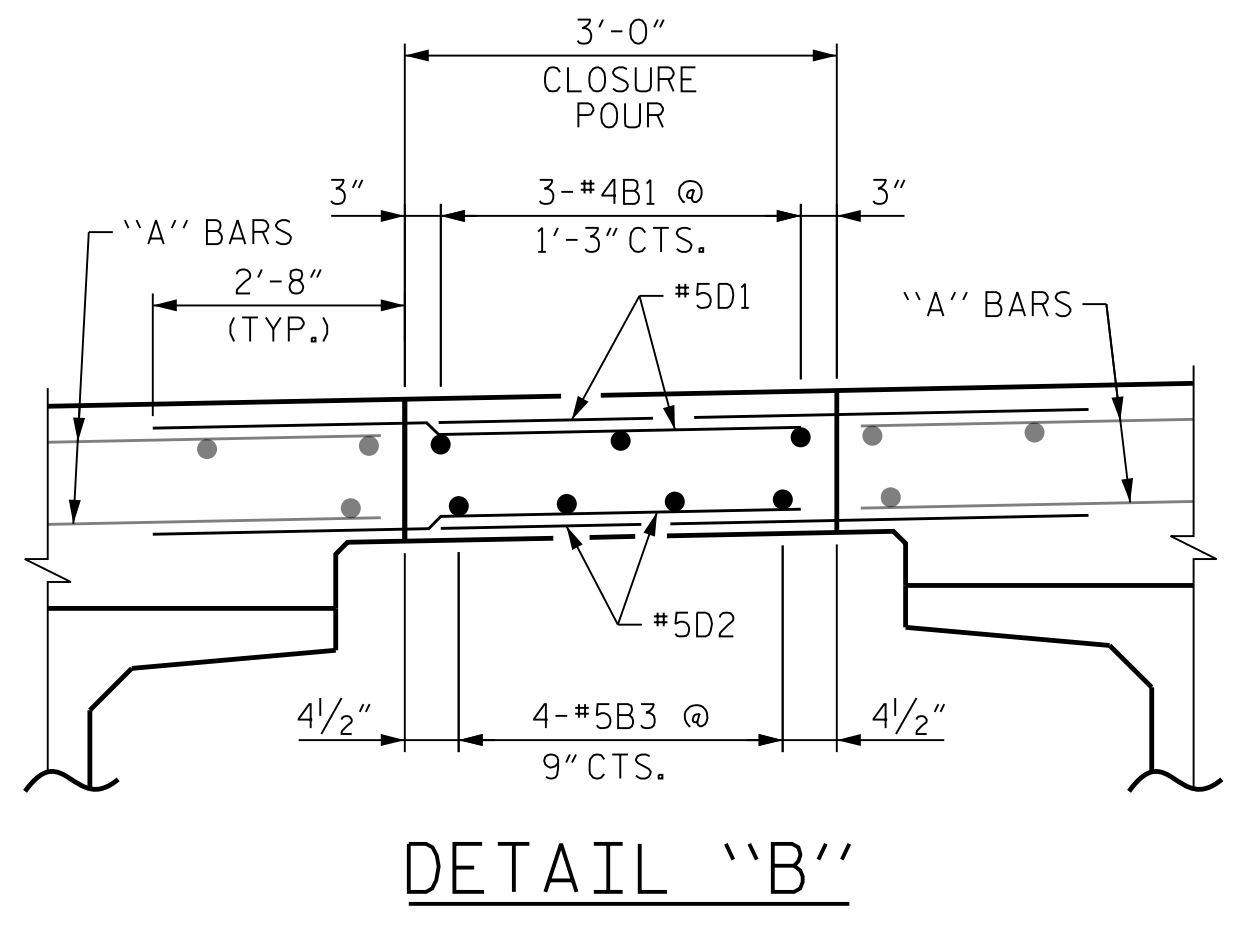
BARRIER RAIL AND CONCRETE MEDIAN BARRIER IN A CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THE UNIT HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

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

ALL DIMENSIONS SHOWN ARE HORIZONTAL OR VERTICAL UNLESS OTHERWISE NOTED.

THE INTERMEDIATE STEEL DIAPHRAGMS IN THE CLOSURE POUR BAYS SHALL BE INSTALLED AFTER THE TWO ADJACENT DECK SECTIONS ARE PLACED, AND BEFORE THE CLOSURE POUR IS PLACED.

FOR LOCATIONS OF 6" Ø PVC PLASTIC PIPE DRAINS, SEE "SUPERSTRUCTURE PLAN OF SPANS" SHEET 12 OF 12.



PROJECT NO. U-2579AB  
FORSYTH COUNTY  
 STATION: 47+28.33 -Y15REV-

SHEET 1 OF 5

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

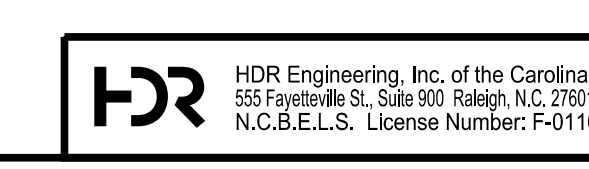
**SUPERSTRUCTURE TYPICAL SECTION**

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1	--	--	3	--	--
2	--	--	4	--	--

SHEET NO. 503-05  
 TOTAL SHEETS 61



Dominic A. Coletti 10/18/2021



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT\_pdf\_color\_eng-50.ppt  
 USER: PPETERSO DATE: 10/14/2021  
 FILE: ...SUPERSTRUCTURE\_TYP

DES BY: M. NEHEISEL DATE: 03/19  
 DES CHK: S. NIFONG DATE: 04/19  
 DWG BY: B. PETERSON DATE: 03/19  
 CHK BY: S. NIFONG DATE: 05/19