

**TYPICAL SECTION**

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

**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.

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.

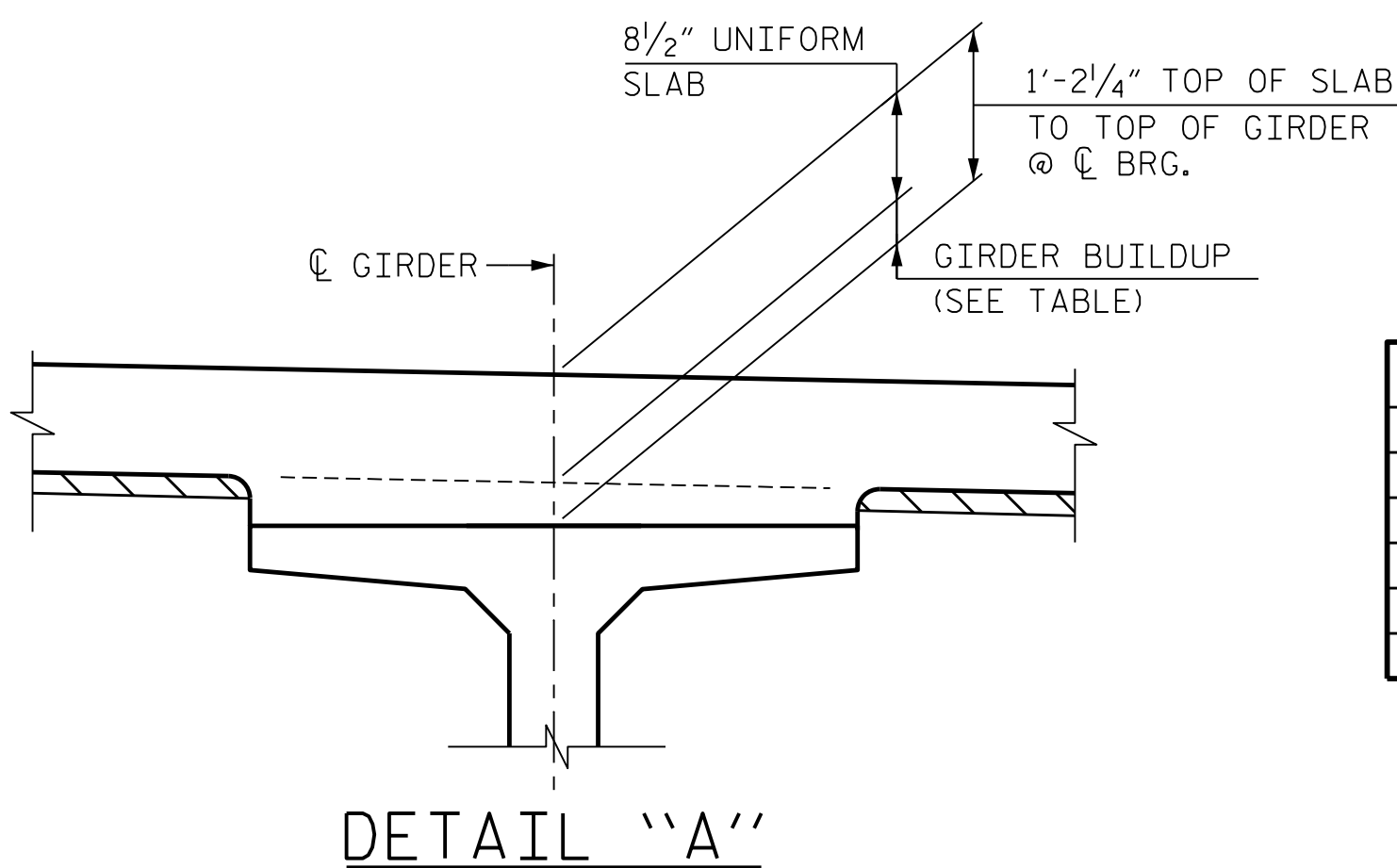
PREVIOUSLY CAST CONCRETE IN A CONTINUOUS UNIT SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI BEFORE ADDITIONAL CONCRETE IS CAST IN THE UNIT.

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 DECK DRAINS, SEE "SUPERSTRUCTURE PLAN OF SPANS" SHEET 9 OF 9.

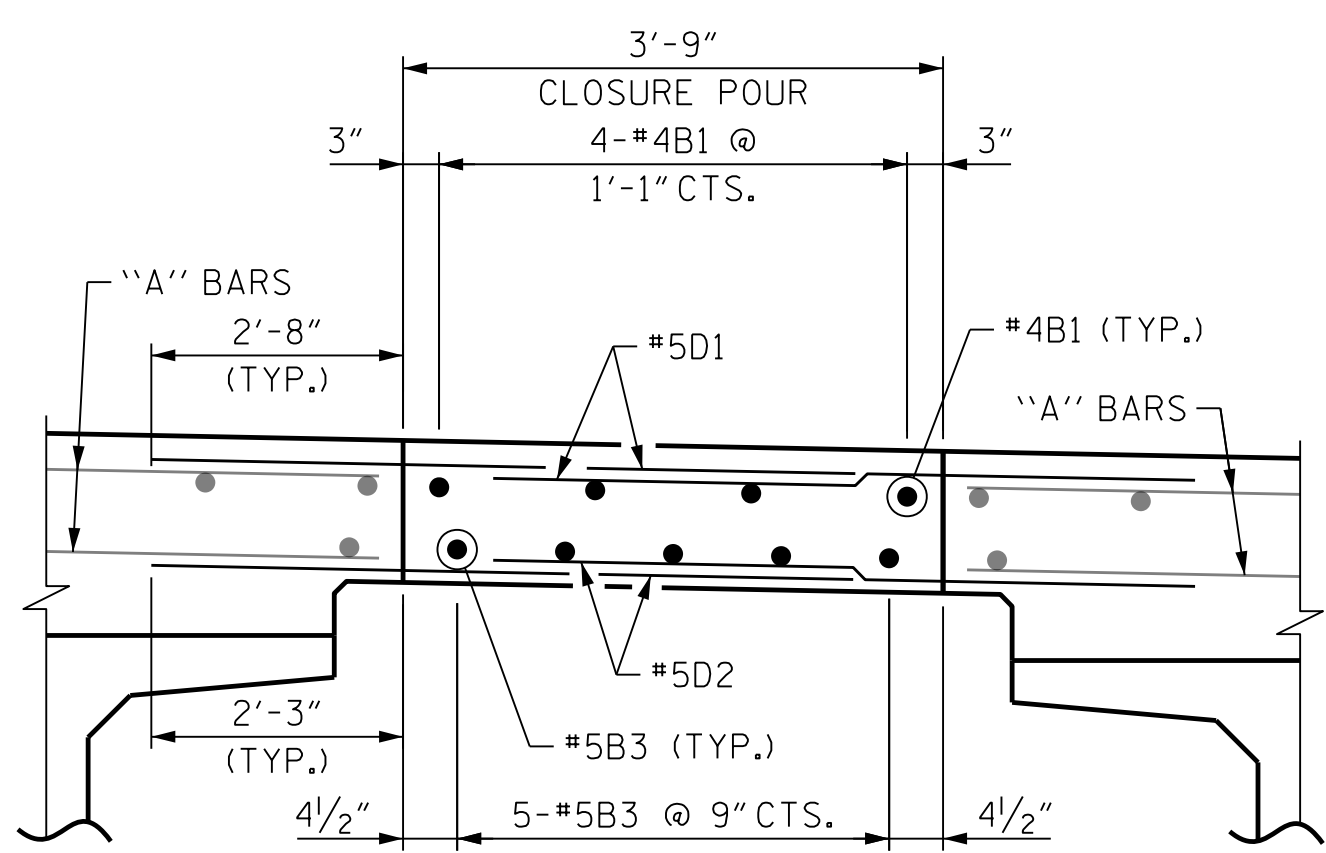
FOR ELECTRICAL CONDUIT DETAILS, SEE "ELECTRICAL CONDUIT SYSTEM FOR SIGNALS" SHEET.



**DETAIL "A"**

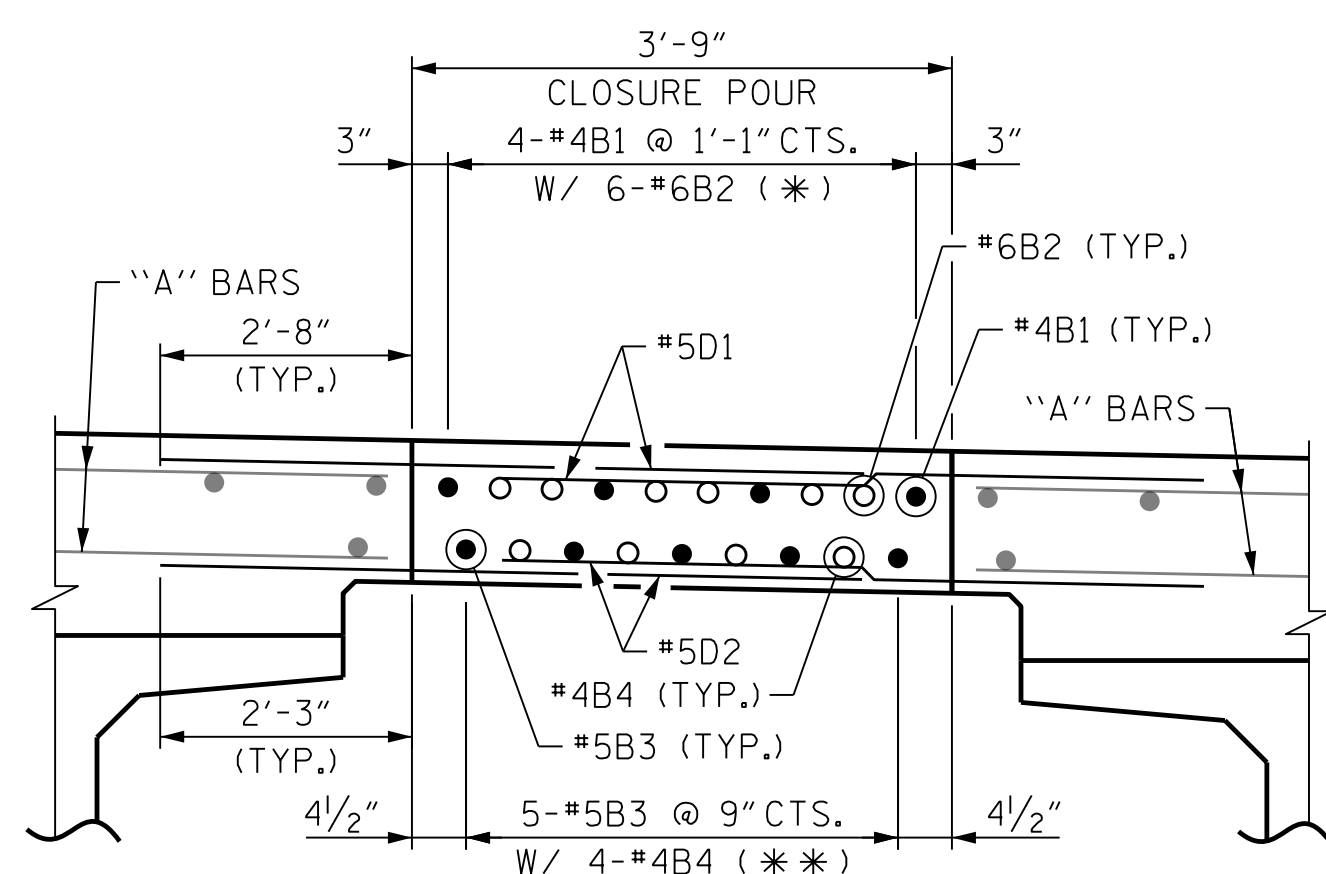
	GIRDER BUILDUP			
	SPAN A		SPAN B	
	CL BRG	MIDSPAN ▲	CL BRG	MIDSPAN ▲
GIRDERS 1 & 13	5 3/4"	4 11/16"	5 3/4"	4 11/16"
GIRDERS 2-6 & 9-12	5 3/4"	4 1/2"	5 3/4"	4 11/16"
GIRDER 7	5 3/4"	4 3/16"	5 3/4"	4 1/2"
GIRDER 8	5 3/4"	3 13/16"	5 3/4"	4 1/2"

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



**DETAIL "B"**

(END BENT DIAPHRAGM REINFORCING NOT SHOWN FOR CLARITY)



**DETAIL "C"**

(SHOWN AT BENT 1)

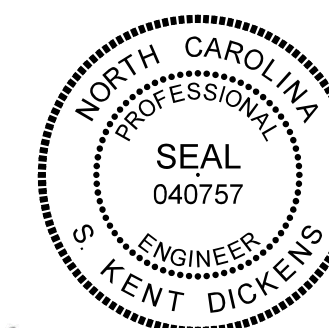
\* SPACE #6B2 PAIRS EQUALLY AS SHOWN BETWEEN #4B1 BARS  
 \*\* SPACE #4B4 EQUALLY AS SHOWN BETWEEN #5B3 BARS

PROJECT NO. B-3186/B-5898  
HAYWOOD COUNTY  
 STATION: 42+71.13 -L-

SHEET 1 OF 4

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUPERSTRUCTURE TYPICAL SECTION**

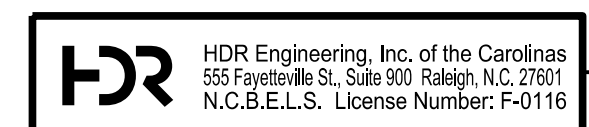


1/25/2022

REVISIONS

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

SHEET NO. 501-07  
 TOTAL SHEETS 59



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT STRUCTURES DEFAULT PLOTTER.plt PENTABLE: NCDOT STRUCTURES DEFAULT PEN.tbl  
 USER: PETERSON DATE: 1/25/2022 TIME: 8:25:57 AM  
 FILE: ... \401\_030\_65898B3186\_SMU\_TS\_007\_430168.dgn

DES BY: H. ABU NIMEH DATE: 04/21 DWG BY: B. PETERSON DATE: 04/21  
 DES CHK: K. DICKENS DATE: 04/21 CHK BY: K. DICKENS DATE: 06/21