

TYPICAL SECTION AT INTEGRAL END BENT
 GIRDERS ARE COMPOSITE, SIMPLE SPAN.
 ABUTMENTS ARE INTEGRAL.
 FOR SECTION THRU END BENT, SEE SECTION A-A, SHEET 2 OF 2

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 (CHCM) AT 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.

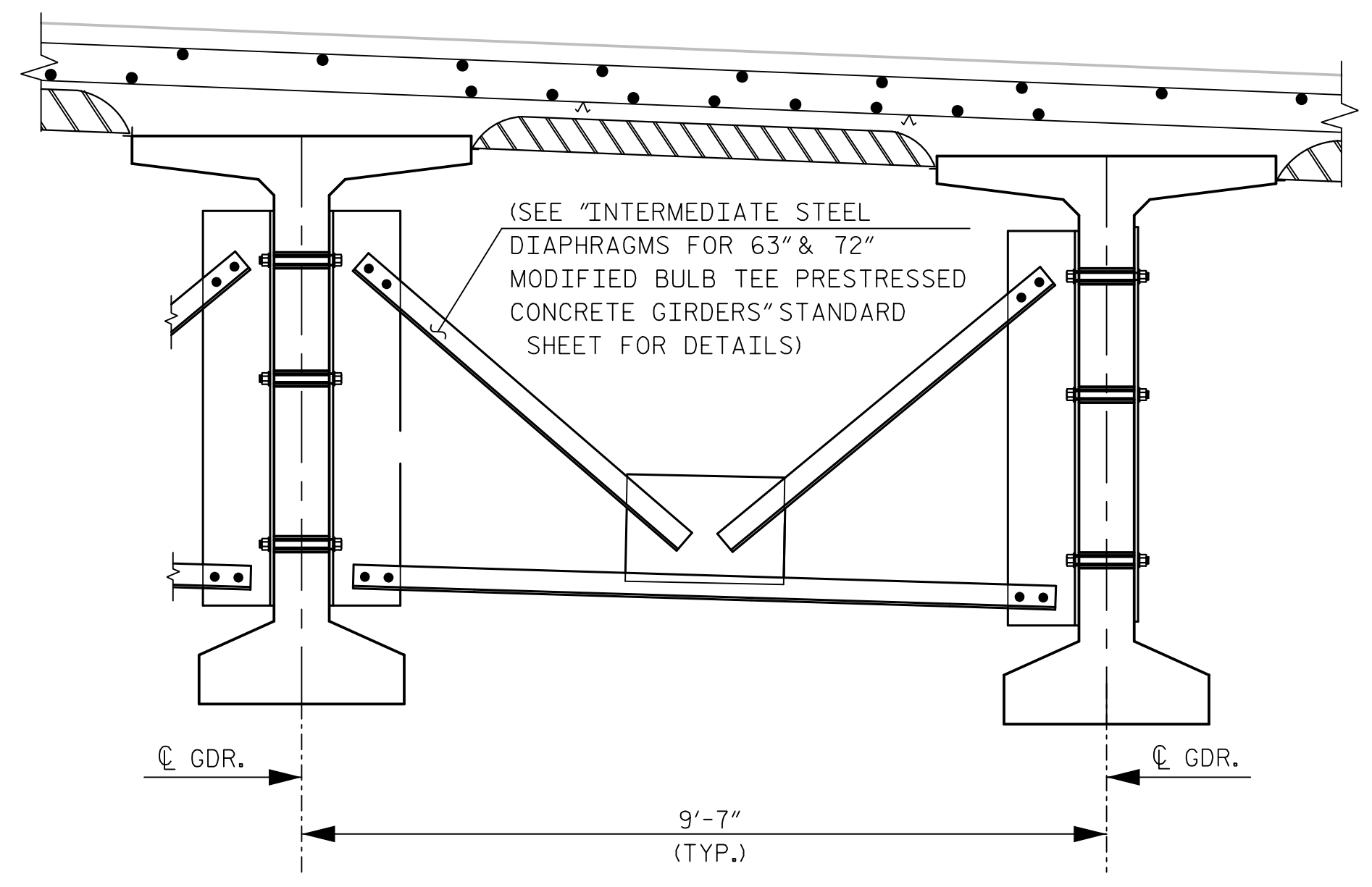
LONGITUDINAL STEEL MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO AVOID INTERFERENCE WITH STIRRUPS IN PRESTRESSED CONCRETE GIRDERS.

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 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.

TO MAINTAIN PROPER LOCATION OF "A" BARS IN THE TOP OF SLAB, BBU DEPTH MUST VARY IN UNIT AS THE MAXIMUM SIZE OF THE "B" BARS IN THE TOP OF THE SLAB VARIES. A 2 1/4" BBU SHALL BE USED WHERE ONLY #4 "B" BARS ARE PRESENT. WHERE #6 OR #7 "B" BARS ARE PRESENT, A 2" BBU SHALL BE USED.

NO CHAMFER IS REQUIRED ON CORNERS OF GIRDER BUILD-UPS.

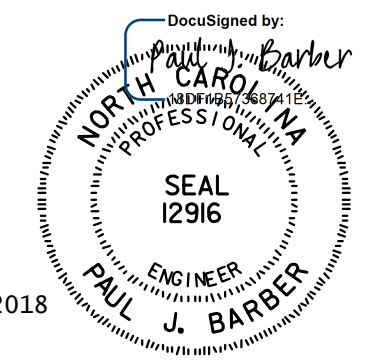
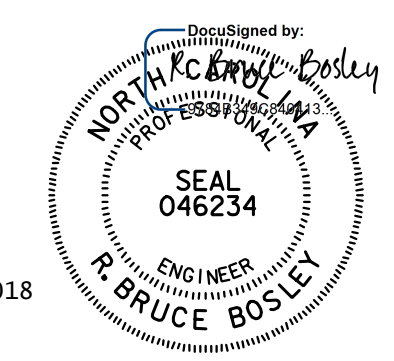


PARTIAL TYPICAL SECTION
 (SHOWING INTERMEDIATE DIAPHRAGM)

"B" BAR KEY

- * = CONTINUOUS BAR RUN, SEE PLAN OF SPAN SHEETS.
- o = NON-CONTINUOUS BAR RUN FOR NEGATIVE MOMENT REGIONS, SEE PLAN OF SPAN SHEETS.

NOTE A: THE HEIGHT OF THE OVERHANG BEAM BOLSTERS VARIES ALONG THE LENGTH OF THE SPAN DUE TO CAMBER AND THE VARYING HEIGHT REQUIRED FOR THE BUILDUP. THE CONTRACTOR SHALL HAVE SUFFICIENT SIZES TO PROPERLY SUPPORT THE REINFORCING STEEL.



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DRAWN BY: A. GOFF DATE: 6/18
 CHECKED BY: B. BOSLEY DATE: 6/18
 DESIGN ENGINEER OF RECORD: B. BOSLEY DATE: 12/18

DWG. NO. 6

PROJECT NO. R-5021
BRUNSWICK COUNTY
 STATION: POC 31+30.81 -YREV-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE

TYPICAL SECTION

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	S3-6
1			3			TOTAL SHEETS
2			4			25