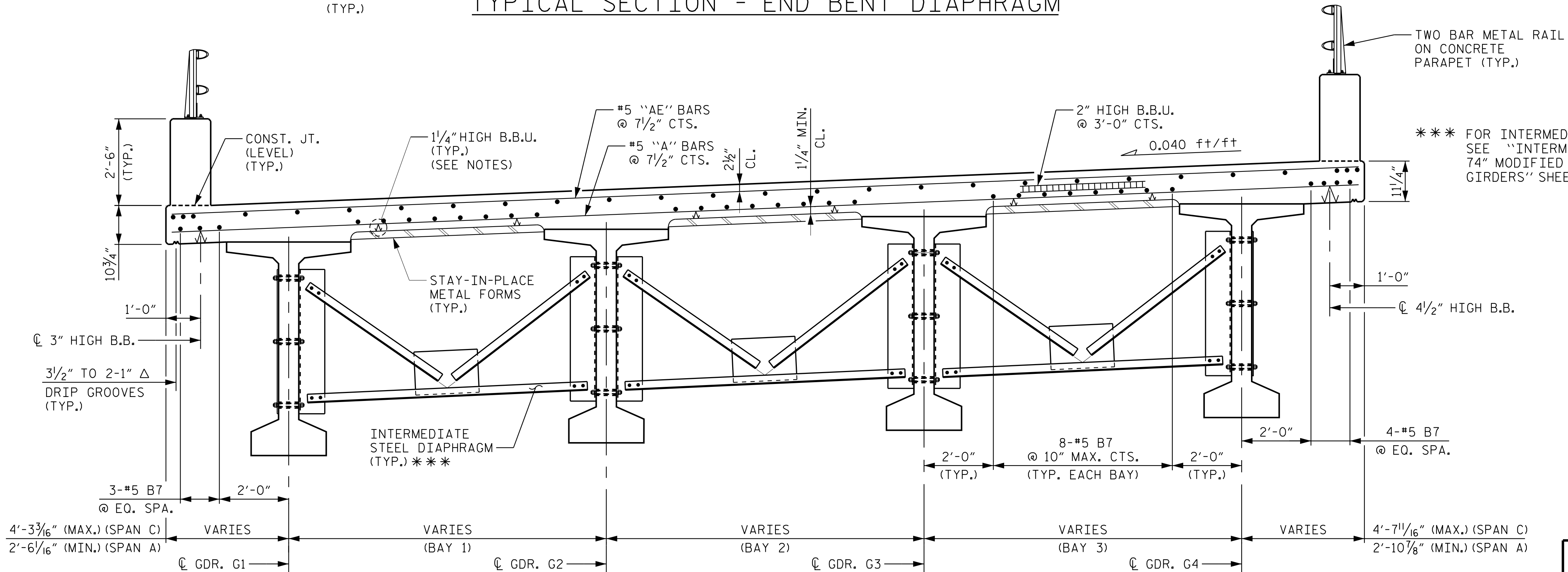


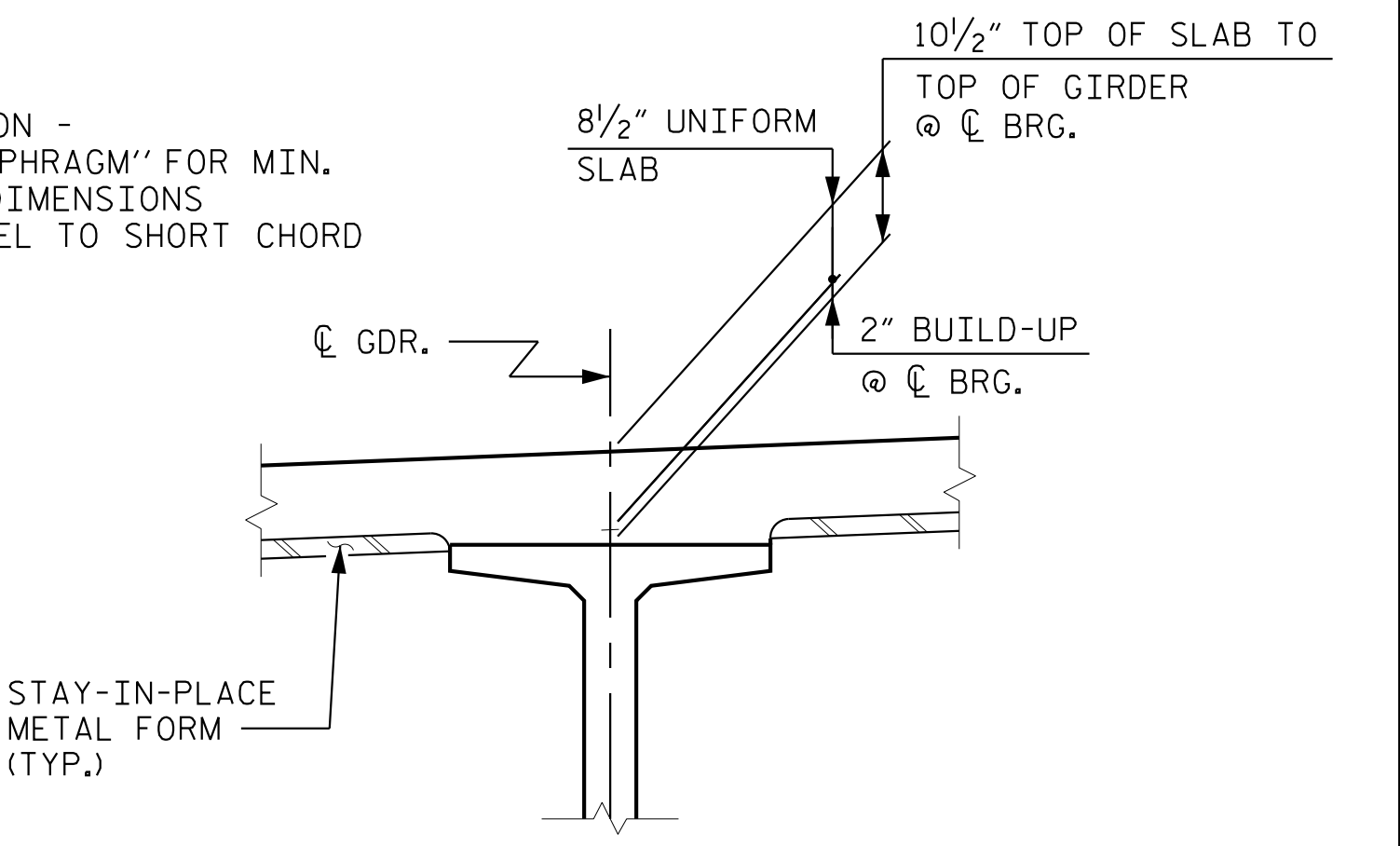
TYPICAL SECTION - END BENT DIAPHRAGM



TYPICAL SECTION - INTERMEDIATE DIAPHRAGM

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.
- 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.
- FOR "SECTION THRU END BENT DIAPHRAGM", SEE "TYPICAL SECTION" SHEET 3 OF 3.
- CONCRETE PARAPET IN CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THE UNIT HAS BEEN CAST AND HAS REACHED A COMPRESSIVE STRENGTH OF 3,000 PSI.
- #5 "GE" BARS MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO CLEAR REINFORCING STEEL AND STIRRUPS.
- THE HEIGHT OF BEAM BOLSTER IS CALCULATED AT CENTERLINE OF BEARING. THE CONTRACTOR SHALL ADJUST HEIGHTS, AS NECESSARY, TO MAINTAIN PROPER CLEARANCE, DUE TO GIRDER CAMBER AND VARYING OVERHANG WIDTHS.



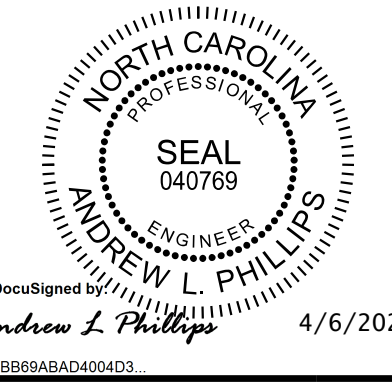
DETAIL "A"  
(TYP. EA. GDR. @ EA. BENT)

\* RADIAL DIMENSION  
\*\* SEE "TYPICAL SECTION - INTERMEDIATE DIAPHRAGM" FOR MIN. & MAX. OVERHANG DIMENSIONS  
Δ DIMENSIONED PARALLEL TO SHORT CHORD

\*\*\* FOR INTERMEDIATE STEEL DIAPHRAGM DETAILS, SEE "INTERMEDIATE STEEL DIAPHRAGM FOR 74" MODIFIED BULB TEE PRESTRESSED CONCRETE GIRDERS" SHEET

PROJECT NO. B-5301  
PITT COUNTY  
STATION: 25+98.05 -L-

SHEET 1 OF 3



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STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH						SHEET NO. S-6
SUPERSTRUCTURE TYPICAL SECTION						
REVISIONS						TOTAL SHEETS 55
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

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4/2/2020  
DRAWN BY: D. D. LOWERY DATE: 2/20  
CHECKED BY: C. I. POOLE DATE: 2/20  
DESIGN ENGINEER OF RECORD: A. L. PHILLIPS DATE: 2/20

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