

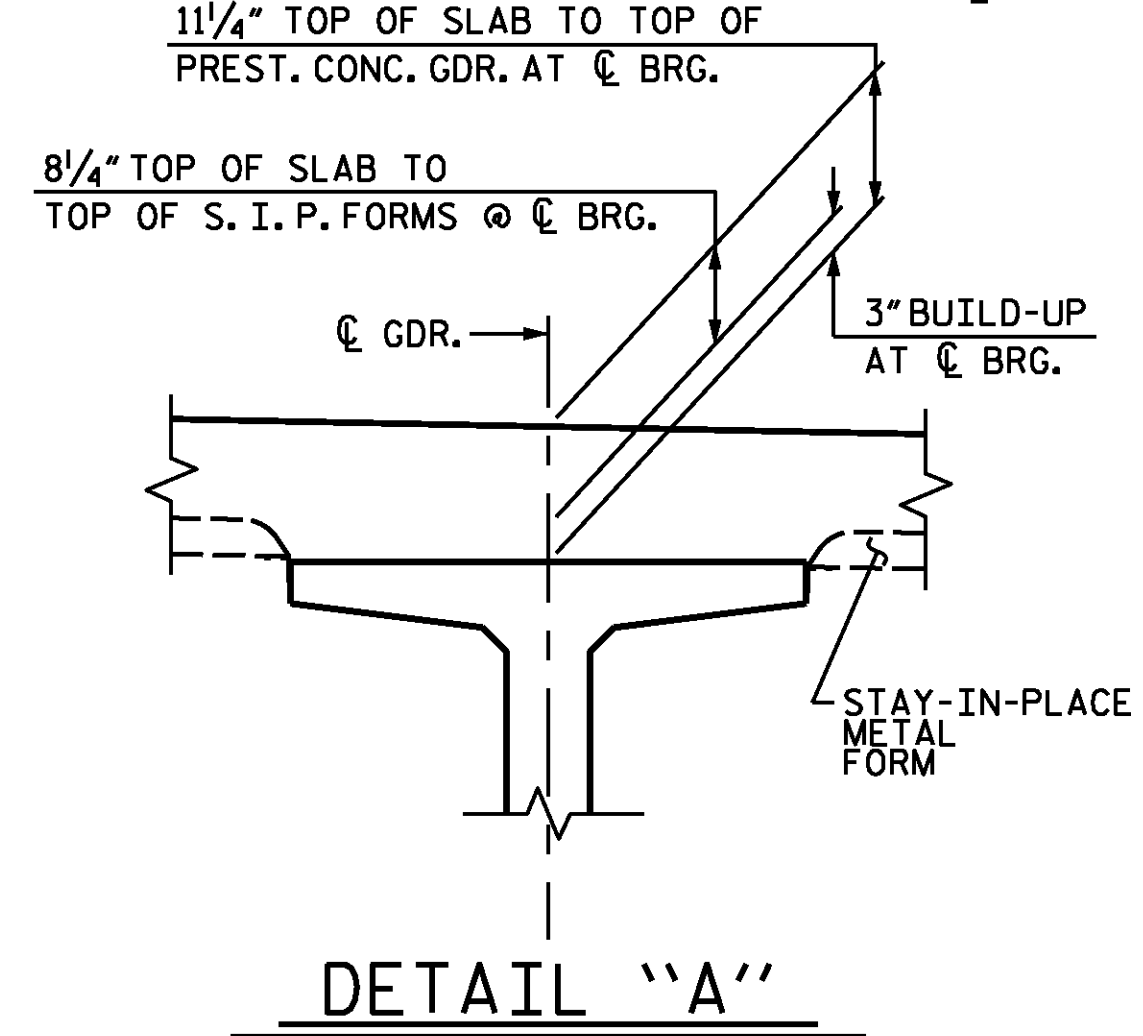
HALF - SECTION AT END BENT DIAPHRAGM

HALF - SECTION AT BENT DIAPHRAGM (SHOWING CONTINUOUS FOR LIVE LOAD DIAPHRAGM)

TYPICAL SECTION

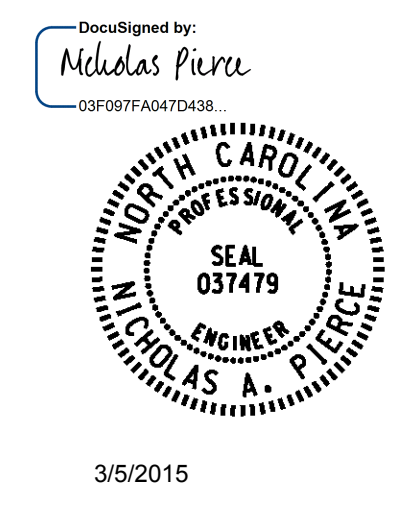
NOTES

- PROVIDE 1/4" HIGH BEAM BOLSTERS UPPER AT 4'-0" CTS. ATOP HE 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 3" 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 PARAPET 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.
- FOR DETAILS OF INTERMEDIATE DIAPHRAGMS, SEE "INTERMEDIATE STEEL DIAPHRAGM FOR 72" MODIFIED BULB TEE PRESTRESSED CONCRETE GIRDER" SHEET.
- THE JOINT IN THE DECK SHALL BE SAWED PRIOR TO THE CASTING OF THE PARAPET AND END POSTS.



PROJECT NO. B-5114
RANDOLPH COUNTY
 STATION: 19+99.61 -L-

SHEET 1 OF 2
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 TYPICAL SECTION



WSP
 Transportation & Infrastructure
 15401 Weston Parkway Suite 100
 Cary, NC 27513 - 919.678.0035
 www.wspgroup.com
 LICENSE NO. F-0891

DESIGN ENGINEER OF RECORD N.A. PIERCE	DATE 04/2014
DRAWN BY : M.J. OSTRISHKO	DATE : 04/2014
CHECKED BY : N.A. PIERCE	DATE : 12/2014

REVISIONS						SHEET NO. S01-5
NO.	BYs	DATEs	NO.	BYs	DATEs	
1			3			TOTAL SHEETS 36
2			4			