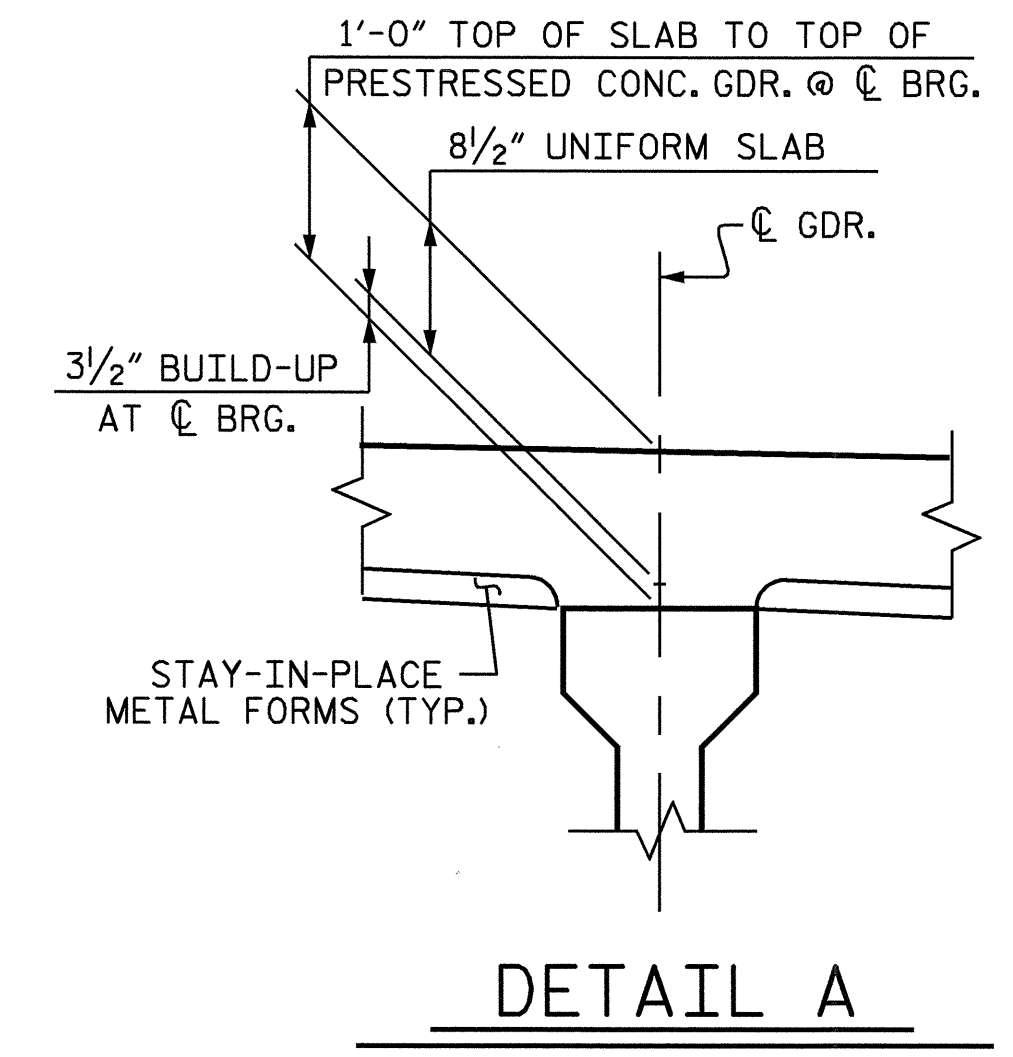


TYPICAL SECTION

* DIMENSIONS ARE TO CIRCLES CONCENTRIC WITH
CL-L. GIRDERS ARE ON THE CHORDS OF THESE CONCENTRIC CIRCLES.

NOTES

- 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.
- TEMPORARY STRUTS SHALL BE PLACED BETWEEN PRESTRESSED GIRDERS ADJACENT TO THE DIAPHRAGMS AND THE NUTS ON THE 1/4" DIAMETER TIE RODS SHALL BE FULLY TIGHTENED BEFORE THE DIAPHRAGMS ARE CAST. STRUTS SHALL REMAIN IN PLACE 3 DAYS AFTER CONCRETE IS PLACED. THE TIE RODS SHALL BE RE-TIGHTENED AFTER THE STRUTS HAVE BEEN REMOVED.
- CONCRETE IN INTERMEDIATE DIAPHRAGMS MAY BE CLASS A IN LIEU OF CLASS AA. PAYMENT SHALL BE MADE UNDER THE UNIT CONTRACT PRICE FOR REINFORCED CONCRETE DECK SLAB.
- 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.
- USE THIS SIZE BAR SUPPORT. IN THE AREAS WITH #5 'B' BARS. FOR OTHER AREAS WITH #7 'B' BARS, USE THE BAR SUPPORT AS SHOWN IN TYPICAL SECTION AT BENT.
- THE SKEWED END CONDITIONS OF SPANS A-C AT BENT Nos. 1 & 2 ARE SUCH THAT THE USE OF 4' WIDE PRESTRESSED CONCRETE DECK PANELS IS NOT POSSIBLE; HOWEVER, THE USE OF 8' WIDE PRESTRESSED CONCRETE DECK PANELS IS POSSIBLE.



DETAIL A

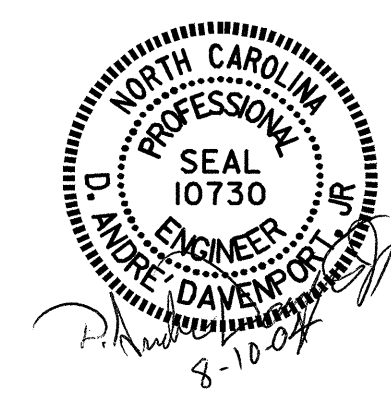
PROJECT NO. B-3506
RANDOLPH COUNTY
 STATION: 17+97.50 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SUPERSTRUCTURE
 TYPICAL SECTIONS**

REVISIONS						SHEET NO. S-5
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 35
2			4			



DRAWN BY : H. T. BARBOUR DATE : 11-17-03
 CHECKED BY : D. A. DAVENPORT DATE : 3-04

TYPICAL SECTION @ BENT DIAPHRAGMS

* DIMENSIONS ARE TO CIRCLES CONCENTRIC WITH
CL-L. GIRDERS ARE ON THE CHORDS OF THESE CONCENTRIC CIRCLES.

