

TYPICAL HALF SECTION AT END BENT DIAPHRAGM

TYPICAL HALF SECTION AT INTERMEDIATE DIAPHRAGM

TYPICAL SECTION

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

THE SKEWED END CONDITIONS ARE SUCH THAT THE USE OF 4' WIDE PRESTRESSED CONCRETE DECK PANELS IS NOT POSSIBLE; USE OF 8' WIDE PRESTRESSED CONCRETE DECK PANELS IS NECESSARY.

SEE STD. NO. CBR1 FOR ADDITIONAL REINFORCING STEEL EMBEDDED IN DECK.

- INDICATES CONTINUOUS REINFORCING
- INDICATES ADDITIONAL REINFORCING AT END BENT

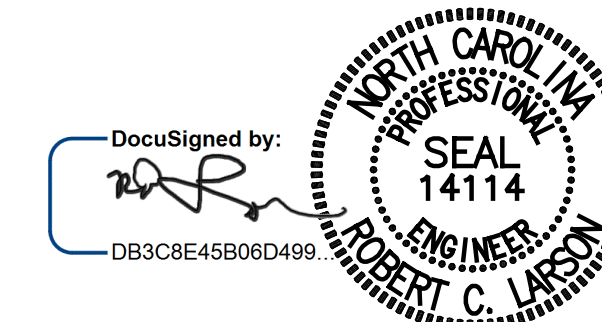
PROJECT NO. R-2514D
JONES COUNTY
 STATION: 320+39.56 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SUPERSTRUCTURE
 TYPICAL SECTION**

LEFT LANE



5/12/2015

DESIGN ENGINEER OF RECORD:	DATE :	5/12/2015
DRAWN BY :	DATE :	7/12/13
CHECKED BY :	DATE :	8/15/13

ENGINEERS • PLANNERS • ECOLOGISTS LICENSE NUMBER: C-0764
KCI Associates
 of North Carolina, P.A.
 SUITE 220, LANDMARK CENTER # 4601 SIX FORKS RD, RALEIGH, N.C. 27609-5200 (919) 783-9244
 DWG. REF. NO. 5 OF 24

REVISIONS						SHEET NO. SOI-5
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS SOI-24
2			4			

STR-#1