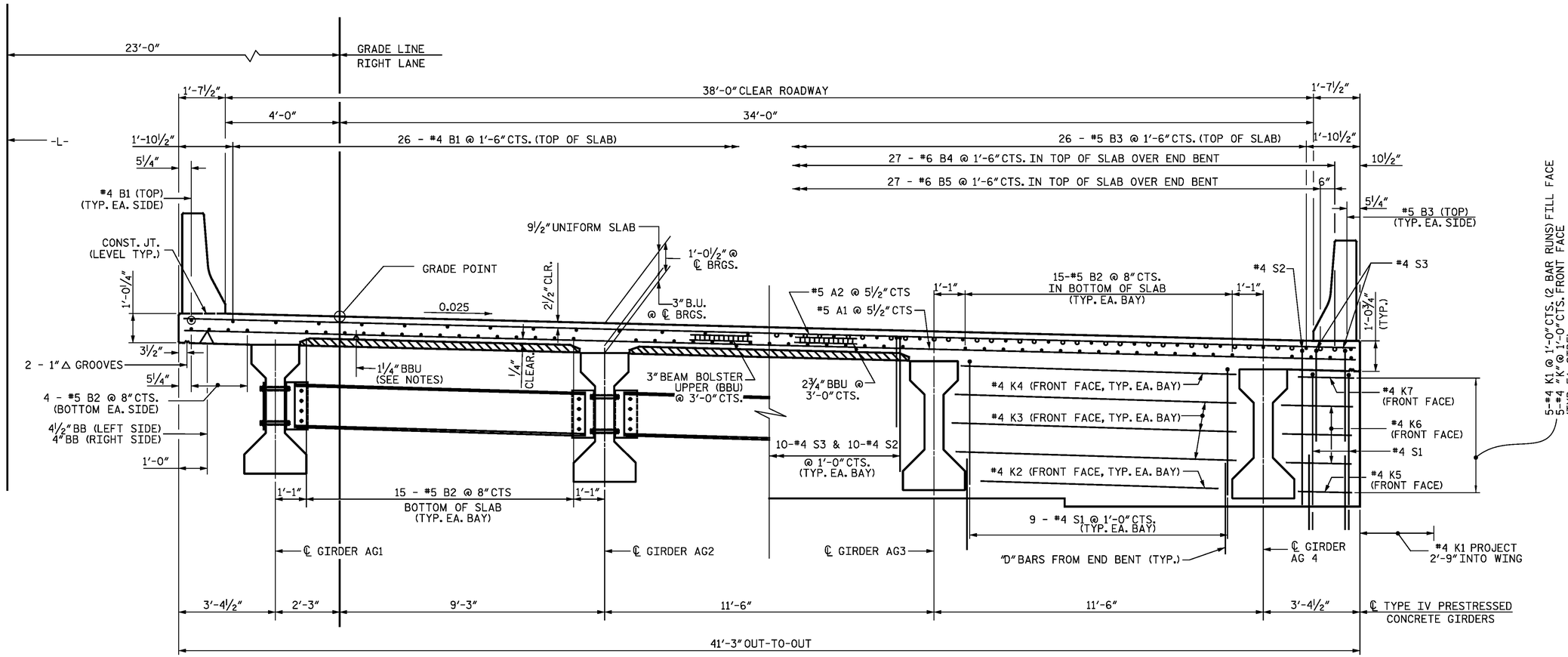

TYPICAL HALF SECTION AT INTERMEDIATE DIAPHRAGM

TYPICAL HALF SECTION AT END BENT DIAPHRAGM

TYPICAL SECTION

● INDICATES CONTINUOUS REINFORCING
○ INDICATES ADDITIONAL REINFORCING AT END BENT

NOTES

PROVIDE 1¼" 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.CM.) @ 4'-0" CTS. WITH A HEIGHT TO SUPPORT THE BOTTOM MAT OF 'A' BARS A CLEAR DISTANCE OF 2½" 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 SLAB.

DocuSigned by: DB3C8E45B06D499...

DESIGN ENGINEER OF RECORD:		DATE :	2/12/015
DRAWN BY :	E. C. DECOLA	DATE :	02/13/14
CHECKED BY :	R. C. LARSON	DATE :	02/17/14

PROJECT NO. R-2514D
JONES COUNTY
STATION: 363+38.90 -L-

SHEET 1 OF 2

DocuSigned by: DB3C8E45B06D499...
2/12/015

NORTH CAROLINA PROFESSIONAL SEAL 14114 ENGINEER ROBERT C. LARSON

ENGINEERS • PLANNERS • ECOLOGISTS LICENSE NUMBER: C-0704
KCI Associates of North Carolina, P.A.
SUITE 2200, LANDMARK CENTER I 4601 SIX FORKS RD. RALEIGH, N.C. 27609-5925 (919) 783-9214
DWG. REF. NO. 5 OF 23

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
TYPICAL SECTION

RIGHT LANE STR-#4

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			S04-5
1			3					TOTAL SHEETS
2			4					S04-23