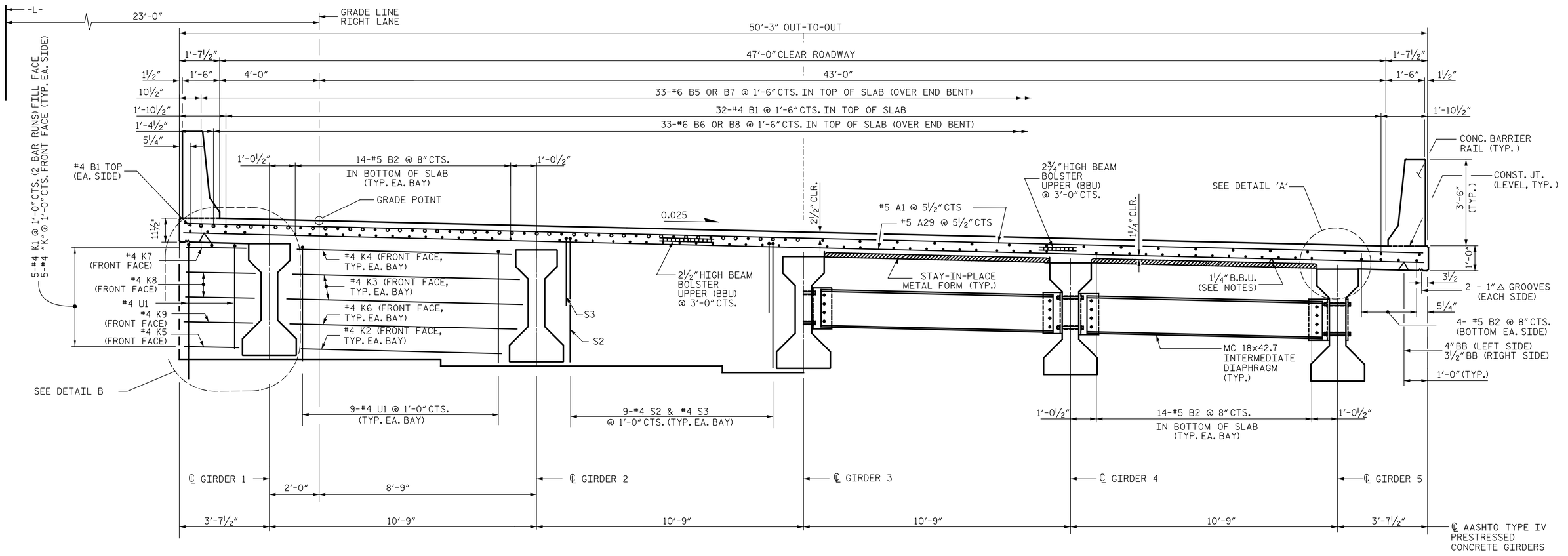
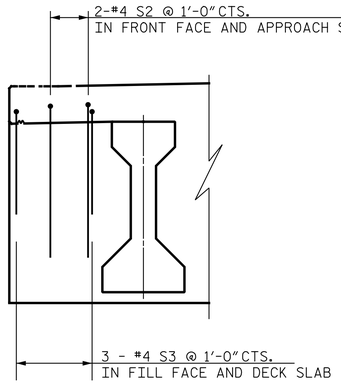


TYPICAL HALF SECTION AT INTEGRAL END BENT 1 AND 2 DIAPHRAGM



DETAIL B

(TYP. EA. SIDE @ END BENTS)

TYPICAL SECTION

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 (CHCM) @ 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.

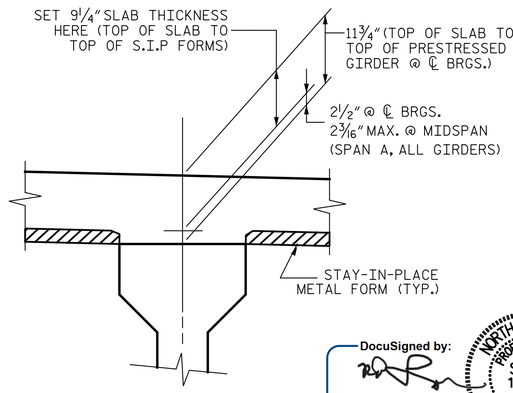
PREVIOUSLY CAST CONCRETE SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI BEFORE ADDITIONAL CONCRETE IS CAST IN THE CONTINUOUS UNIT.

BARRIER RAIL IN A CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THAT UNIT HAS BEEN CAST AND REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI

SEE BARRIER RAIL DRAWINGS FOR ADDITIONAL REINFORCING STEEL EMBEDDED IN DECK.

TYPICAL HALF SECTION AT INTERMEDIATE DIAPHRAGM

● INDICATES CONTINUOUS REINFORCING
○ INDICATES ADDITIONAL REINFORCING OVER END BENT



DETAIL A

PROJECT NO. R-2561CA
COLUMBUS COUNTY
STATION: 71+06.00 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE TYPICAL SECTION

RIGHT LANE

DESIGN ENGINEER OF RECORD	DocuSigned by: DB3C8E45B06D499...	DATE : 8/15/2022
DRAWN BY : A. K. ALLANKI		DATE : 08/12/19
CHECKED BY : R. C. LARSON		DATE : 06/29/20

DocuSigned by: DB3C8E45B06D499... 8/15/2022

NORTH CAROLINA PROFESSIONAL SEAL 14114 ENGINEER ROBERT C. LARSON

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ENGINEERS ● PLANNERS ● SCIENTISTS ● CONSTRUCTION MANAGERS LICENSE NUMBER: C-0764
KCI Associates of North Carolina, P.A.
4505 Falls of Neuse Road, Suite 400 Raleigh, NC 27609-6270 Phone (919) 783-9214

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S4- 5
1			3			TOTAL SHEETS
2			4			29

$FILE$ $DATE$ $TIME$ $USER$ $PENTBLS$ $PLTDRVS$
KCI PROJECT NO. 241704391.04