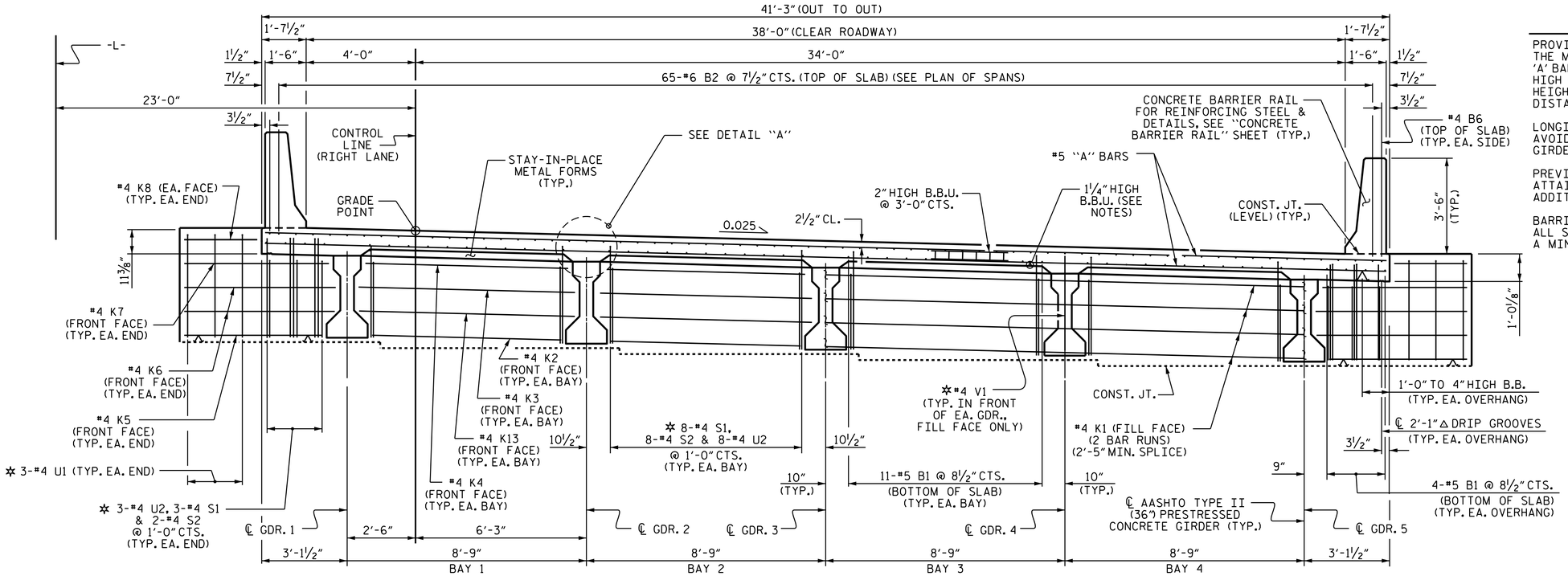
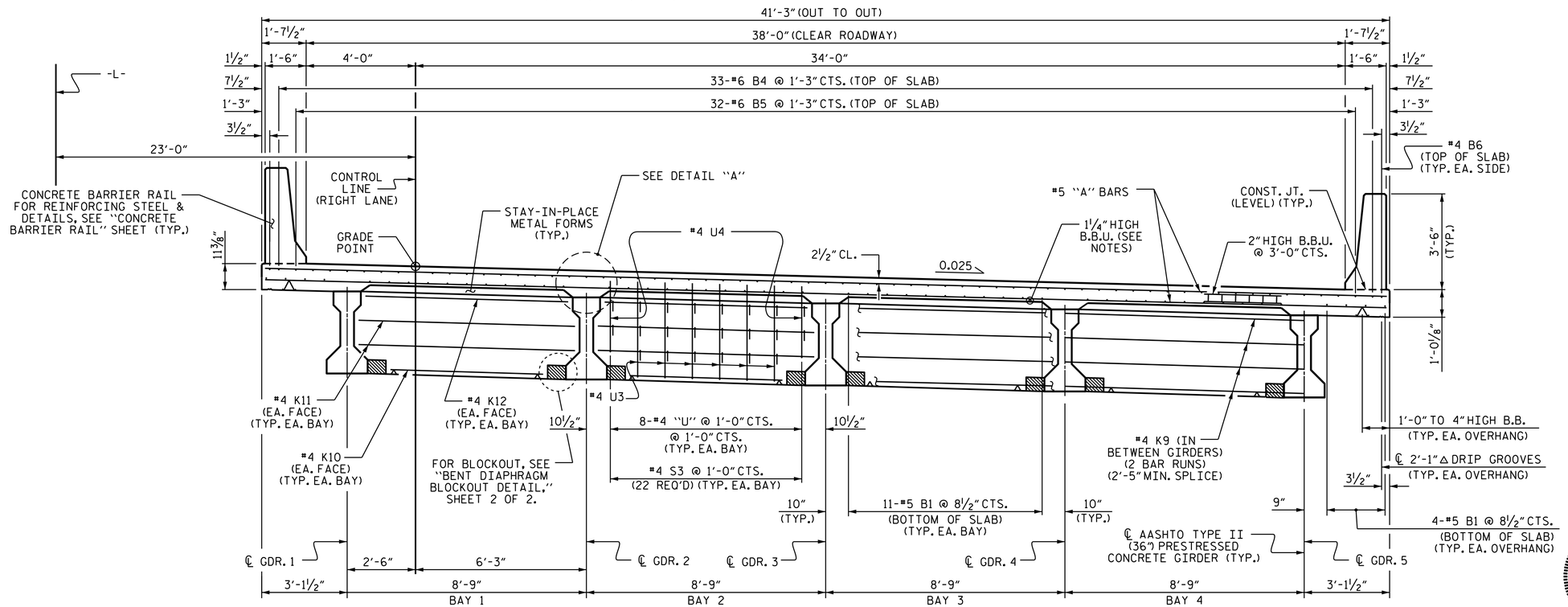


TYPICAL SECTION @ INTEGRAL END BENT

✲ #4 S1, #4 S2, #4 U1, #4 U2, & #4 V1 BARS TO MATCH WITH #4 "V" BARS IN INTERGRAL END BENT CAP



TYPICAL SECTION @ BENT DIAPHRAGM

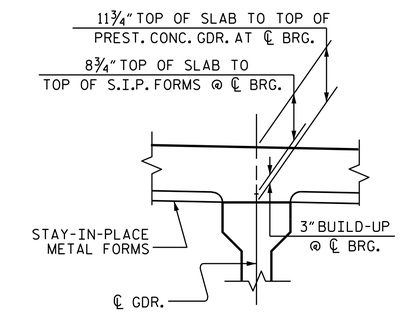
NOTES

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

BARRIER RAIL 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.



DETAIL "A"

PROJECT NO. R-2514C

JONES COUNTY

STATION: 102+05.00 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

TYPICAL SECTION

(RIGHT LANE)

NORTH CAROLINA PROFESSIONAL SEAL 22005 ENGINEER A. KEITH PASCHAL

DocuSigned by: A. Keith Paschal F8B6AD6DB2FC48F... 3/23/2015

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			S-33
1			3					TOTAL SHEETS
2			4					56

DRAWN BY :	D. G. ELY	DATE :	05-21-14
CHECKED BY :	B. N. BARODAWALA	DATE :	06-13-14
DESIGN ENGINEER OF RECORD:	A. K. PASCHAL	DATE :	02-09-15

23-MAR-2015 12:05
R:\Structures\Plans\Final Plans\DocuSign Setup\402_000_R-2514C_SMU_S_0.dgn
kpaschal

STR. #2