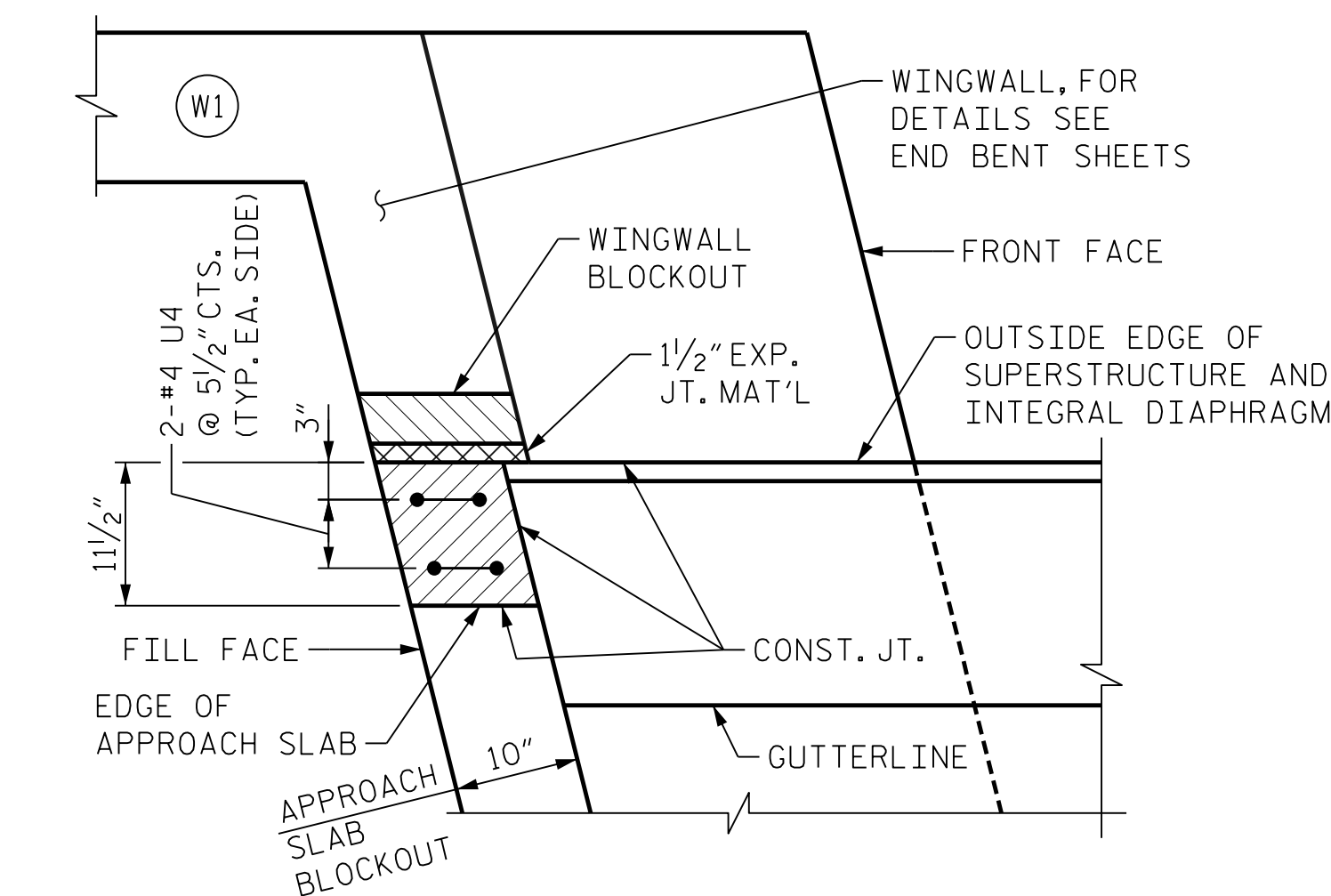
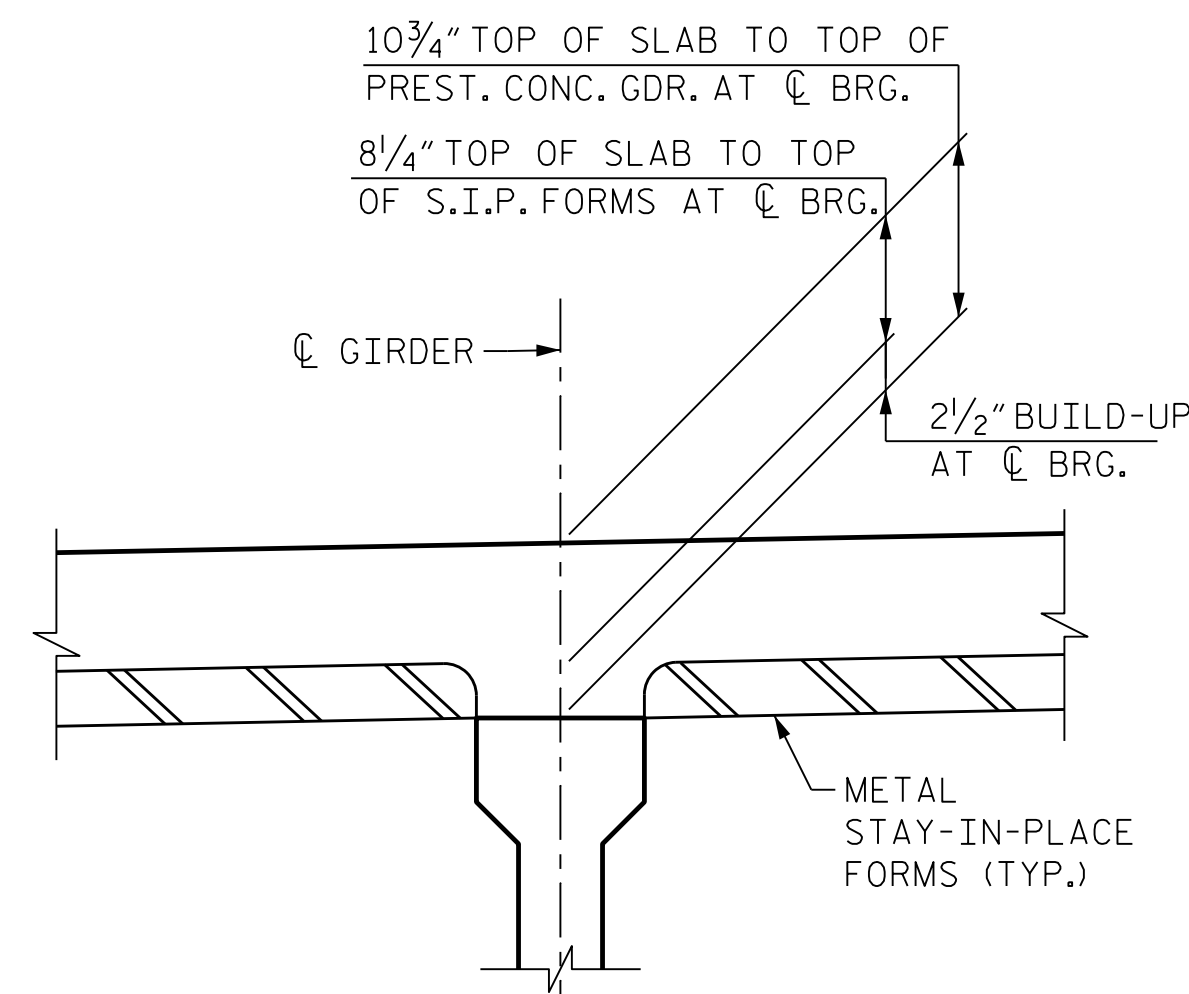


BLOCKOUT DETAIL - ELEVATION VIEW



BLOCKOUT DETAIL - PLAN VIEW

END BENT 1 SHOWN, END BENT 2 SIMILAR.



DETAIL "A"

(TYPICAL EACH GIRDER @ EACH BENT)

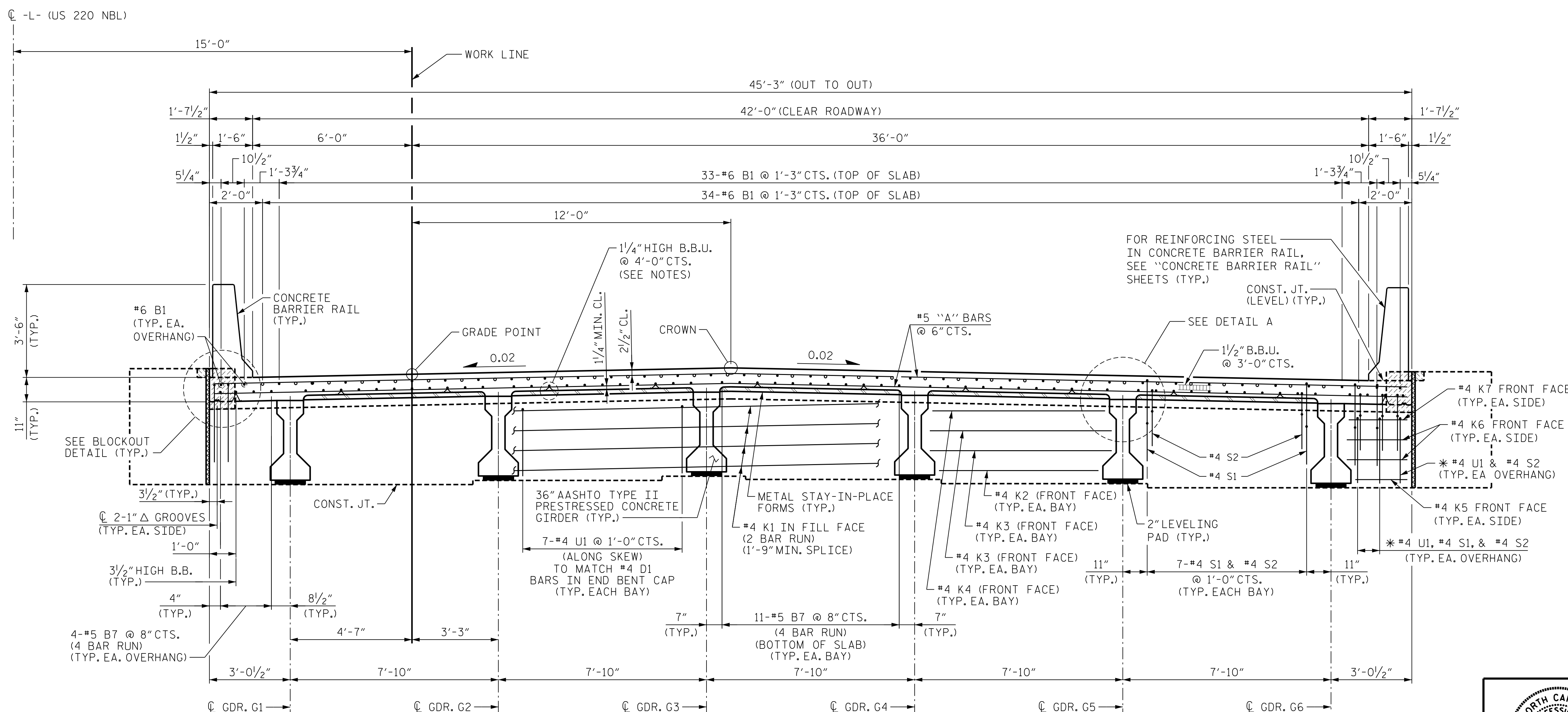
NOTES:

PROVIDE 1/4" HIGH BEAM BOLSTERS UPPER AT 4'-0" CTS. ABOVE 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 IN A CONTINUOUS UNIT SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI BEFORE ADDITIONAL CONCRETE IS CAST IN THE UNIT.

CONCRETE BARRIER RAIL IN EACH 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.



TYPICAL SECTION AT INTEGRAL END BENTS

\* TO MATCH #4 D1 BARS IN END BENT CAP

PROJECT NO. B-5352  
ROCKINGHAM COUNTY  
STATION: P.O.T. 22+16.89 -L-

SHEET 1 OF 4

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
SUPERSTRUCTURE  
TYPICAL SECTIONS



DocuSigned by:  
Matthew T. Nemsel  
2/20/2018

REVISIONS				SHEET NO.	
BY:	DATE:	NO.	BY:	DATE:	S-5
		3			TOTAL SHEETS
		4			37

DRAWN BY: D. H. CARTER DATE: FEB 2018  
CHECKED BY: M. T. NEIHEISEL DATE: FEB 2018  
DESIGN ENGINEER OF RECORD: M. T. NEIHEISEL DATE: FEB 2018

ICA Engineering, Inc.  
555 Fayetteville St., Suite 900  
Raleigh, NC 27601  
NC License No: F-0258

PLOT DRIVER: NCDOT\_STRUCTURES\_DEFAULT\_PLOTTER.plt  
PENTABLE: NCDOT\_STRUCTURES\_DEFAULT\_PEN.tbl  
USER: dcarter DATE: 2/19/2018 TIME: 1:42:07 PM  
FILE: ... \Structures\dgm\Final\CAD\0500