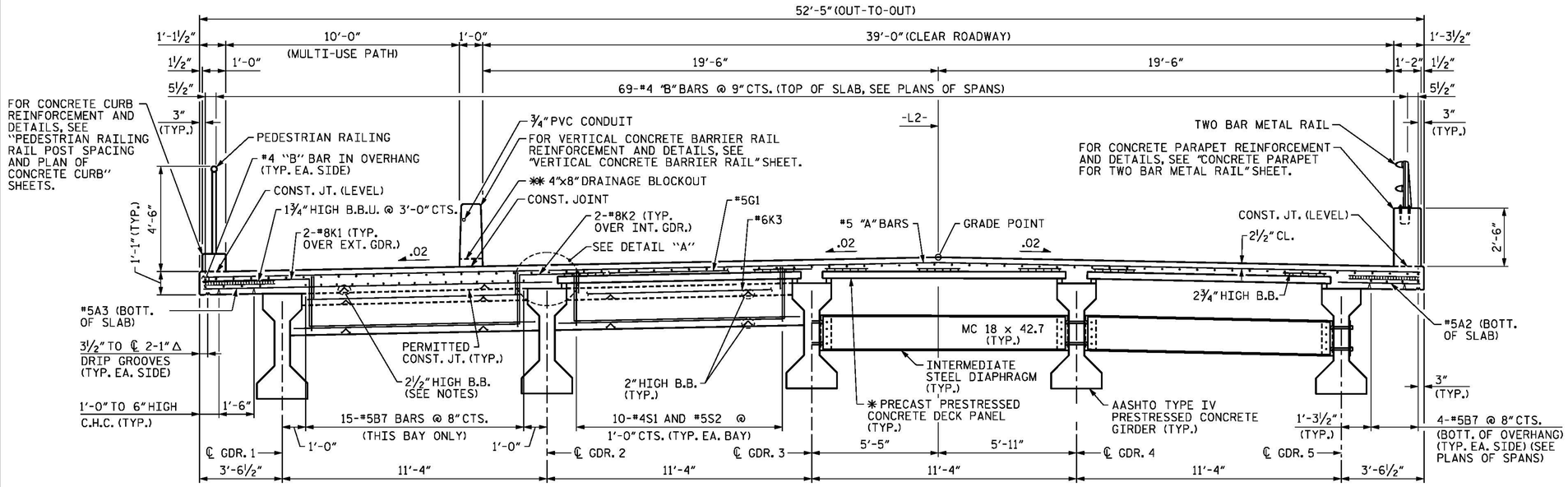
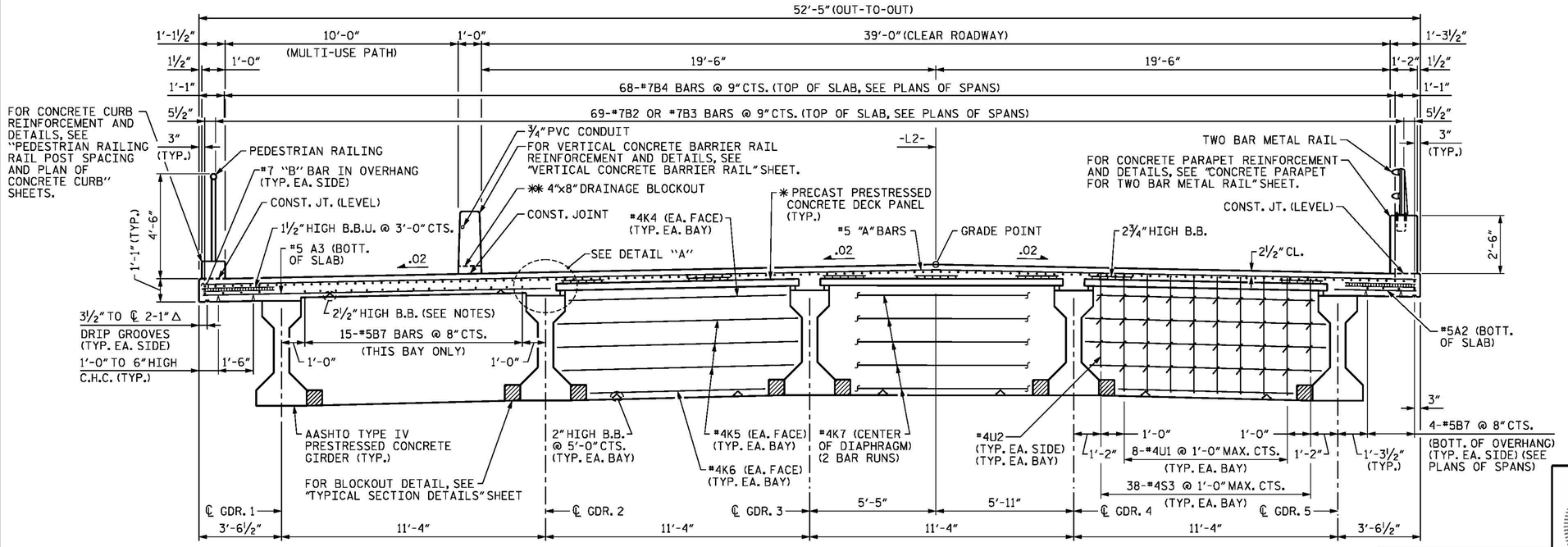


HALF SECTION AT END BENT AND BENT DIAPHRAGMS

HALF SECTION AT INTERMEDIATE STEEL DIAPHRAGMS

TYPICAL SECTION

(SPAN A SHOWN, SPANS B AND C SIMILAR)
FOR INTERMEDIATE STEEL DIAPHRAGM DETAILS, SEE "INTERMEDIATE STEEL DIAPHRAGMS FOR TYPE IV PRESTRESSED CONCRETE GIRDERS" SHEET.



SECTION AT CONTINUOUS BENT DIAPHRAGMS

TYPICAL SECTION

(BENT 1 SHOWN, BENT 2 SIMILAR)

NOTES

WHEN USING REMOVABLE FORMS, PROVIDE BEAM BOLSTERS @ 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.

VERTICAL CONCRETE BARRIER RAIL, CONCRETE PARAPET AND CONCRETE CURB 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.

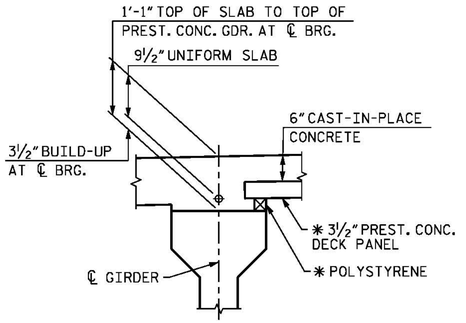
STRUCTURAL STEEL DIAPHRAGM ERECTION IN A CONTINUOUS UNIT SHALL BE COMPLETE BEFORE FALSEWORK OR FORMS ARE PLACED ON THE UNIT.

REMOVABLE FORMS ARE TO BE USED IN BAY 1.

FOR SUPERELEVATION TRANSITIONS, SEE ROADWAY PLANS.

* FOR PRECAST PRESTRESSED CONCRETE DECK PANEL AND POLYSTYRENE DETAILS AND NOTES, SEE "PRECAST PRESTRESSED CONCRETE DECK PANELS" SHEET.

** FOR 4"x8" DRAINAGE BLOCKOUT SPACING, SEE "VERTICAL CONCRETE BARRIER RAIL, PARAPET AND RAIL POST LAYOUT" SHEET.



DETAIL "A"

(DIMENSIONS TYP. EA. GIRDER)
(SPANS A, B, AND C)

PROJECT NO. B-4929
PENDER COUNTY
STATION: 38+13.81 -L2-

SHEET 1 OF 13

DESIGNED BY:	J. BORUTA	DATE :	OCT 2015		
DRAWN BY:	KEW / MAH	DATE :	OCT 2015		
CHECKED BY:	E. DAVIS	DATE :	FEB 2016		
DESIGN ENGINEER OF RECORD:	J. DOUGHTY	DATE :	MAY 2016		

PARSONS BRINCKERHOFF
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
LICENSE NO. F-0165

NORTH CAROLINA PROFESSIONAL SEAL 032967 ENGINEER JASON R. DOUGHTY
5/12/16
DocuSigned by: Jason R Doughty 00F1C86448274F7...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

TYPICAL SECTION SPANS A, B AND C

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-32
1			3			TOTAL SHEETS
2			4			278

5/9/2016
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