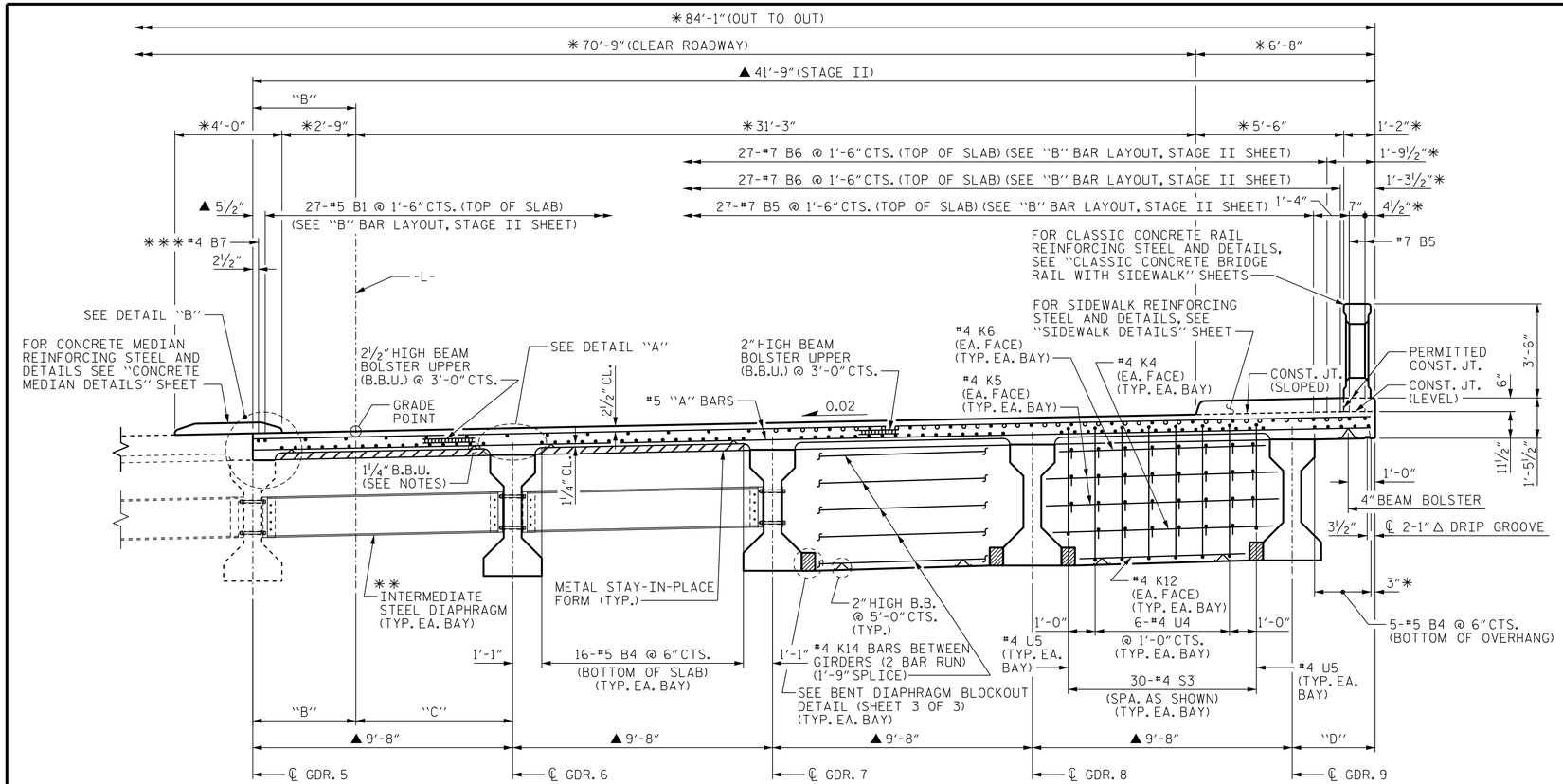
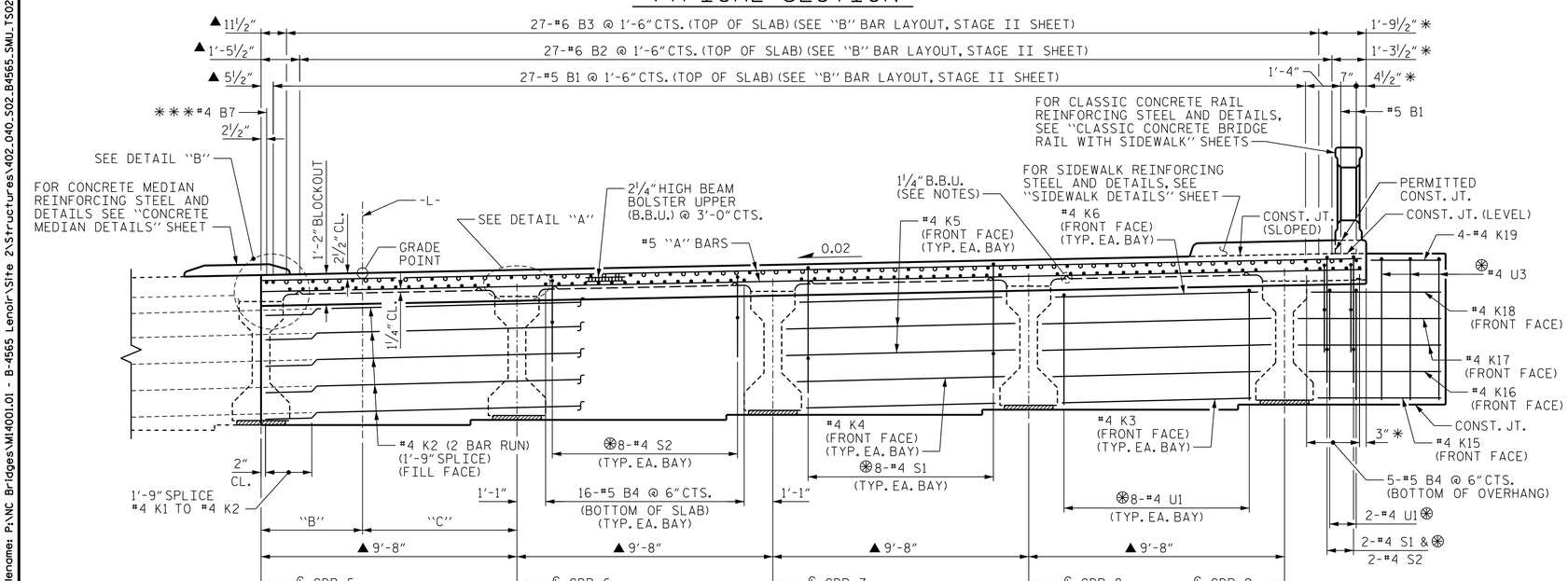
DocuSign Envelope ID: 43467A26-D9CD-406C-A40D-9CBBA3C28539



AT INTERMEDIATE DIAPHRAGM
IN SPANS A & C

AT BENT DIAPHRAGM & SPAN B

TYPICAL SECTION



TYPICAL SECTION AT INTEGRAL END BENT

(FOR ADDITIONAL DIMENSIONS, SEE TYPICAL SECTION ABOVE)

NOTES

FOR DETAIL "A", SEE SHEET 1 OF 3.

FOR DIMENSIONS "B", "C", AND "D" SEE SHEET 1 OF 3.

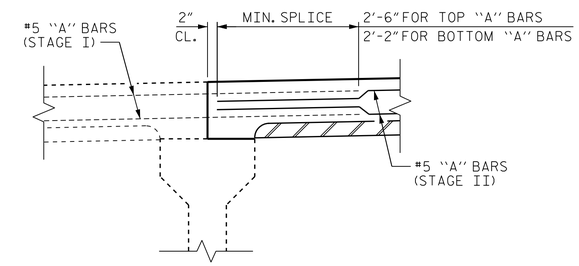
FOR ADDITIONAL NOTES, SEE SHEET 1 OF 3.

✱✱ FOR INTERMEDIATE STEEL DIAPHRAGM DETAILS, SEE "INTERMEDIATE STEEL DIAPHRAGMS FOR TYPE IV PRESTRESSED CONCRETE GIRDERS" SHEET.

▲ DIMENSIONS RADIAL THRU WORK POINT.

✱ RADIAL DIMENSIONS

✱✱✱ PLACED PARALLEL TO CONSTRUCTION JOINT.



DETAIL "B"

CONCRETE MEDIAN AND "B" BARS NOT SHOWN FOR CLARITY

⊛#4 S1, #4 S2, #4 U1, #4 U2 & #4 U3 BARS TO MATCH WITH #4 "V" BARS IN INTEGRAL END BENT CAP.

NORTH CAROLINA PROFESSIONAL SEAL 041543 ENGINEER GREGORY R. COLS
11/13/2014

PROJECT NO. B-4565
LENOIR COUNTY
STATION: 29+57.00 -L-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

TYPICAL SECTION
STAGE II

MI ENGINEERING
1011 SCHAUB DRIVE, SUITE 100
RALEIGH, NC 27606
(919) 851-6606
FIRM PE NUMBER : P-0671

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S-68
1			3				TOTAL SHEETS
2			4				118

DRAWN BY :	B.E. LANNING	DATE :	08/14
CHECKED BY :	G.R. COLS	DATE :	08/14
DESIGN ENGINEER OF RECORD :	G.R. COLS	DATE :	10/14

11/13/2014
1:14:10 PM
User: blanning
Filename: P:\NC Bridges\M1400.01 - B-4565 Lenoir\Site 2\Structures\402_040_S02_B4565_SMU_TS02.dgn