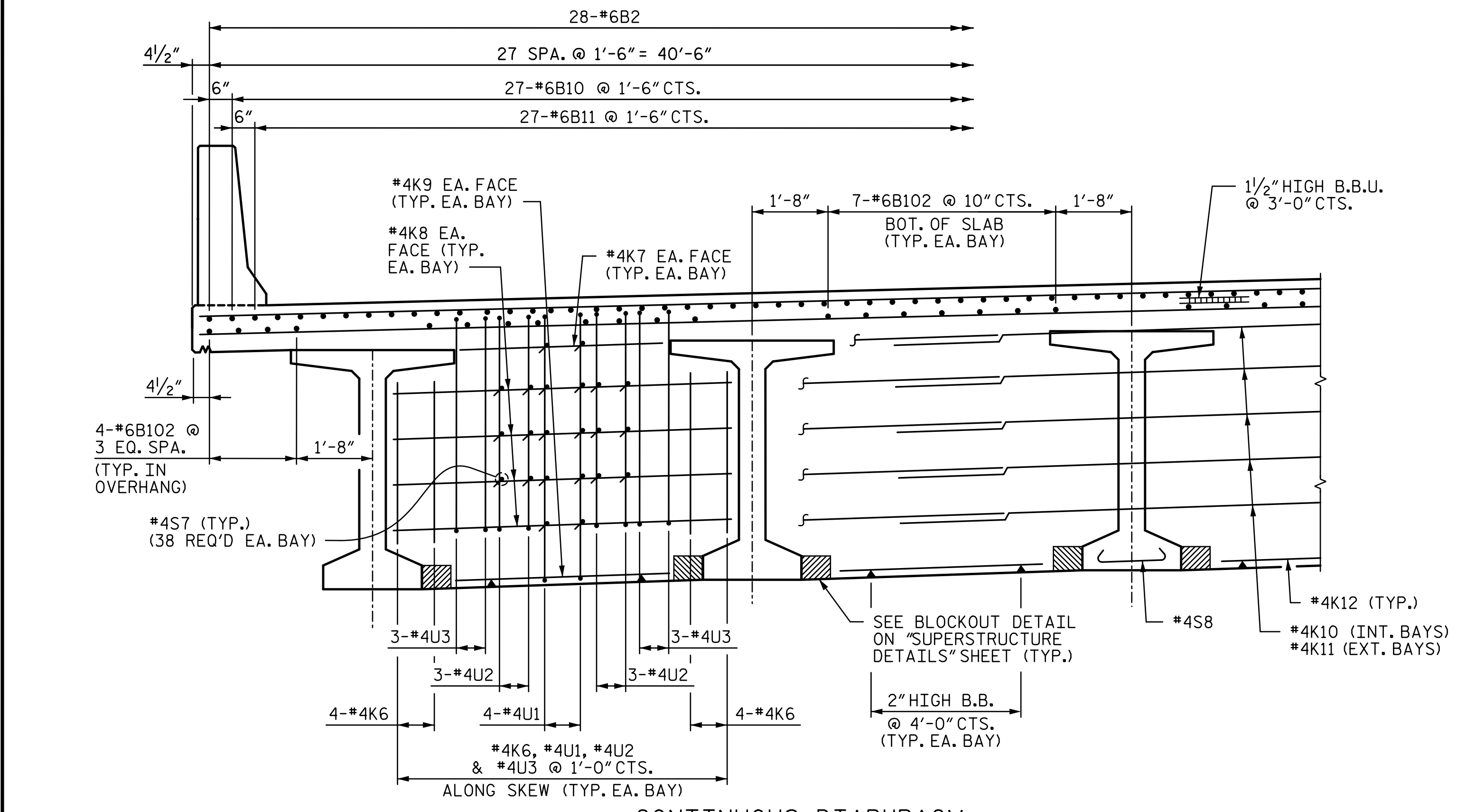


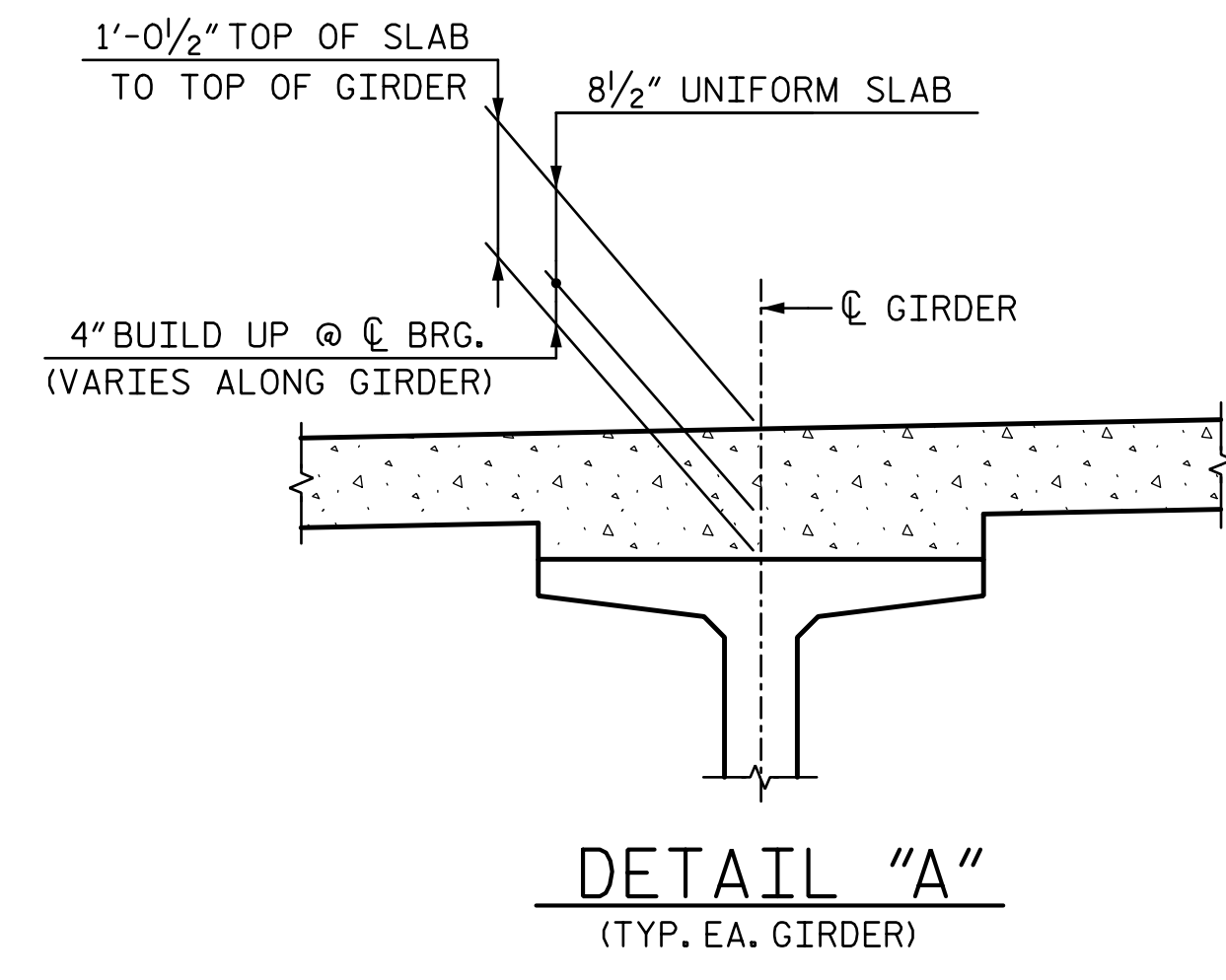
INTERMEDIATE DIAPHRAGMS

END DIAPHRAGMS

TYPICAL SECTION



CONTINUOUS DIAPHRAGM

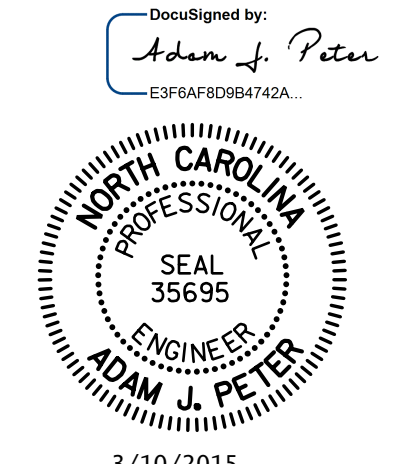


DETAIL "A"
(TYP. EA. GIRDER)

- NOTES:**
1. PROVIDE A 1/4" HIGH BEAM BOLSTER 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 2 1/2" ABOVE THE TOP OF THE REMOVABLE FORM.
 2. LONGITUDINAL STEEL MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO AVOID INTERFERENCE WITH STIRRUPS IN PRESTRESSED CONCRETE GIRDERS.
 3. BARRIER RAIL IN A CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 4. PREVIOUSLY CAST CONCRETE IN A CONTINUOUS UNIT SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI BEFORE ADDITIONAL CONCRETE IS CAST IN THE UNIT.
 5. FOR INTERMEDIATE DIAPHRAGM DETAILS, SEE "INTERMEDIATE STEEL DIAPHRAGM DETAILS FOR PRESTRESSED CONCRETE MODIFIED BULB TEE GIRDERS" SHEET.
 6. FOR END DIAPHRAGM AND CONTINUOUS DIAPHRAGM SECTIONS, SEE CORRESPONDING "SUPERSTRUCTURE DETAILS" SHEET.
 7. FOR BARRIER RAIL DETAILS, SEE "CONCRETE BARRIER RAIL" SHEETS.
 8. FOR "B" BAR MARKS AND LOCATIONS, SEE CORRESPONDING "PLAN OF SPANS" SHEET.
 9. HEIGHT OF BEAM BOLSTER & CONTINUOUS HIGH CHAIR IS CALCULATED @ C BENT. CONTRACTOR SHALL ADJUST HEIGHTS, AS NECESSARY TO MAINTAIN PROPER CLEARANCE, DUE TO GIRDER CAMBER.

PROJECT NO. R-2514D
JONES & CRAVEN COUNTY
 STATION: 526+71.12 -L-
= 16+08.07 -Y6-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 TYPICAL SECTION
 SPANS A - C
 -LEFT LANE-



3/10/2015

DRAWN BY: CLG DATE: 5-14
 CHECKED BY: AJP DATE: 5-14
 DESIGN ENGINEER OF RECORD: A. PETER DATE: 6-14

STV / Ralph Whitehead Associates, Inc.
 900 West Trade Street, Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS
					38

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