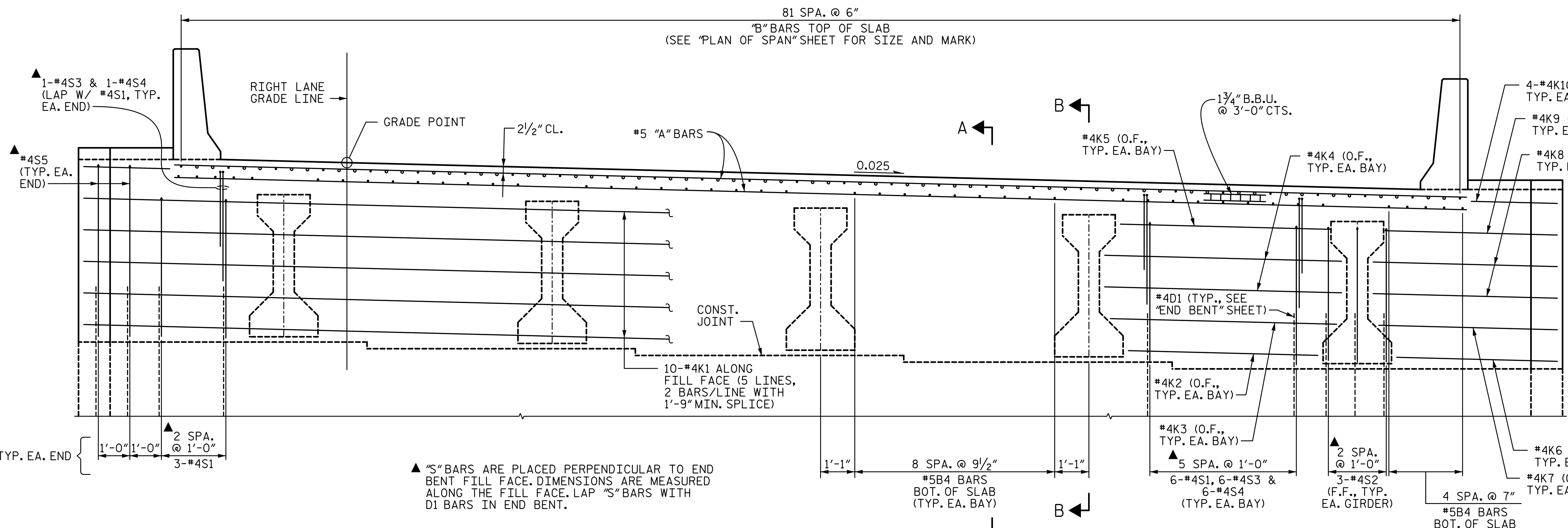


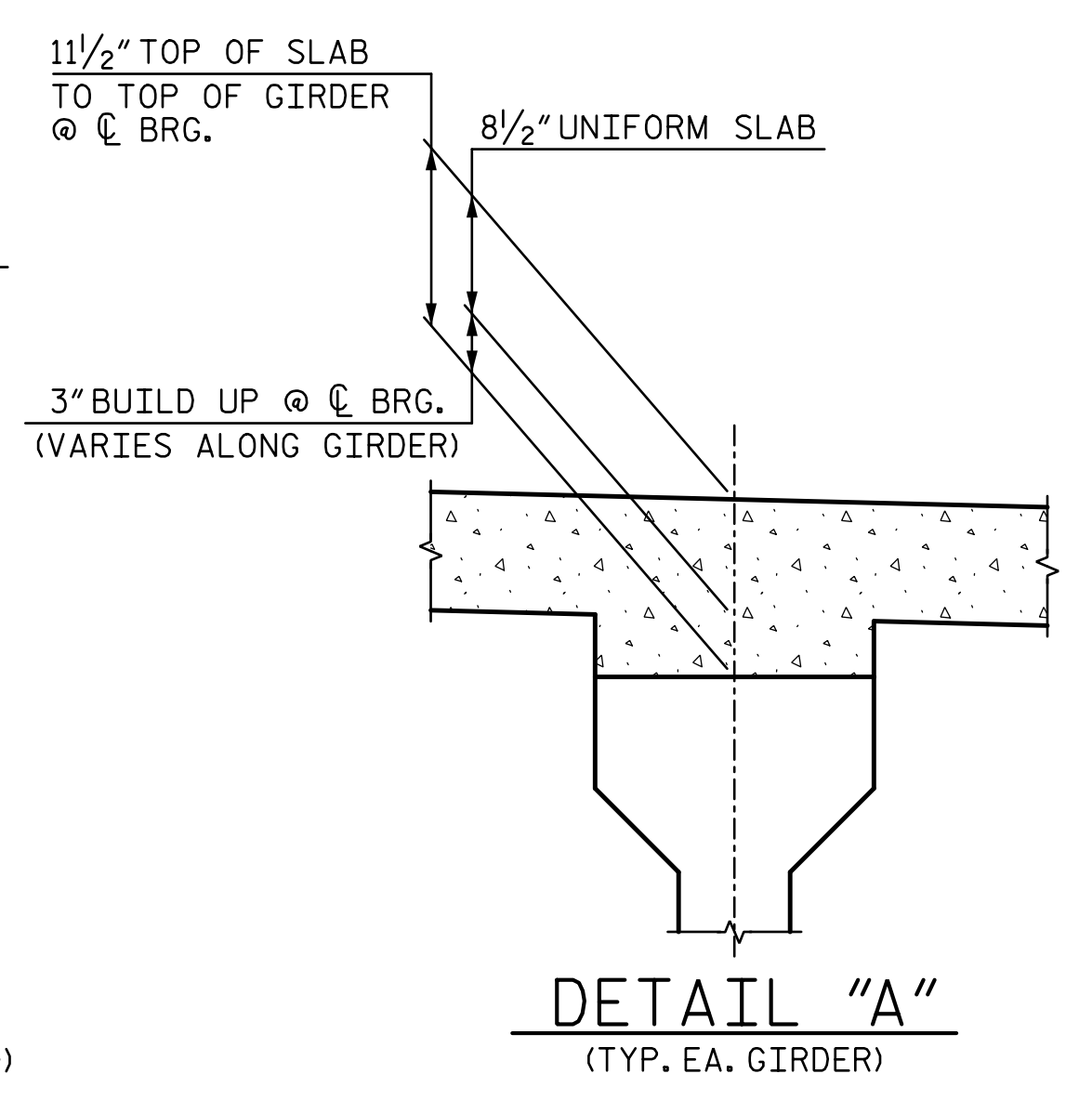
TYPICAL SECTION AT INTERMEDIATE DIAPHRAGMS



ELEVATION OF INTEGRAL BACKWALL

(END BENT 1 SHOWN, END BENT 2 SIMILAR)  
(LOOKING IN DIRECTION OF STATIONING,  
WING REINFORCEMENT NOT SHOWN FOR CLARITY.)

- NOTES:**
- PROVIDE 1/4" HIGH BEAM BOLSTERS UPPER AT 4'-0" CTS. ATOP THE METAL STAY-IN-PLACE FORMS TO SUPPORT THE BOTTOM MAT OF "A" BARS.
  - LONGITUDINAL STEEL MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO AVOID INTERFERENCE WITH STIRRUPS IN PRESTRESSED CONCRETE GIRDERS.
  - BARRIER RAIL SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
  - FOR INTERMEDIATE DIAPHRAGM DETAILS, SEE "INTERMEDIATE STEEL DIAPHRAGMS FOR TYPE IV PRESTRESSED CONCRETE GIRDERS" SHEET.
  - FOR BARRIER RAIL DETAILS, SEE "CONCRETE BARRIER RAIL" SHEET.
  - F.F. DENOTES FILL FACE  
O.F. DENOTES OUTSIDE FACE
  - FOR INTEGRAL BACKWALL DIMENSIONS, DETAILS AND ELEVATIONS, SEE "PLAN OF SPANS DETAILS" SHEETS.
  - FOR SECTIONS A-A AND B-B, SEE "SUPERSTRUCTURE DETAILS" SHEET.
  - HEIGHT OF BEAM BOLSTER IS CALCULATED @ C BENT. CONTRACTOR SHALL ADJUST HEIGHTS, AS NECESSARY TO MAINTAIN PROPER CLEARANCE, DUE TO GIRDER CAMBER



DETAIL "A"  
(TYP. EA. GIRDER)

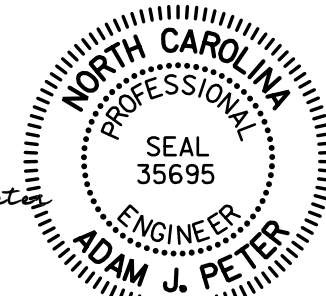
PROJECT NO. R-2514D  
JONES & CRAVEN COUNTY  
STATION: 428+53.58 -L-  
= 13+04.09 -Y5-

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
SUPERSTRUCTURE  
TYPICAL SECTION &  
INTEGRAL BACKWALL  
-RIGHT LANE-

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	

TOTAL SHEETS: 24

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



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DRAWN BY: VMW DATE: 6-14  
CHECKED BY: MLO DATE: 6-14  
DESIGN ENGINEER OF RECORD: A. PETER DATE: 6-14