

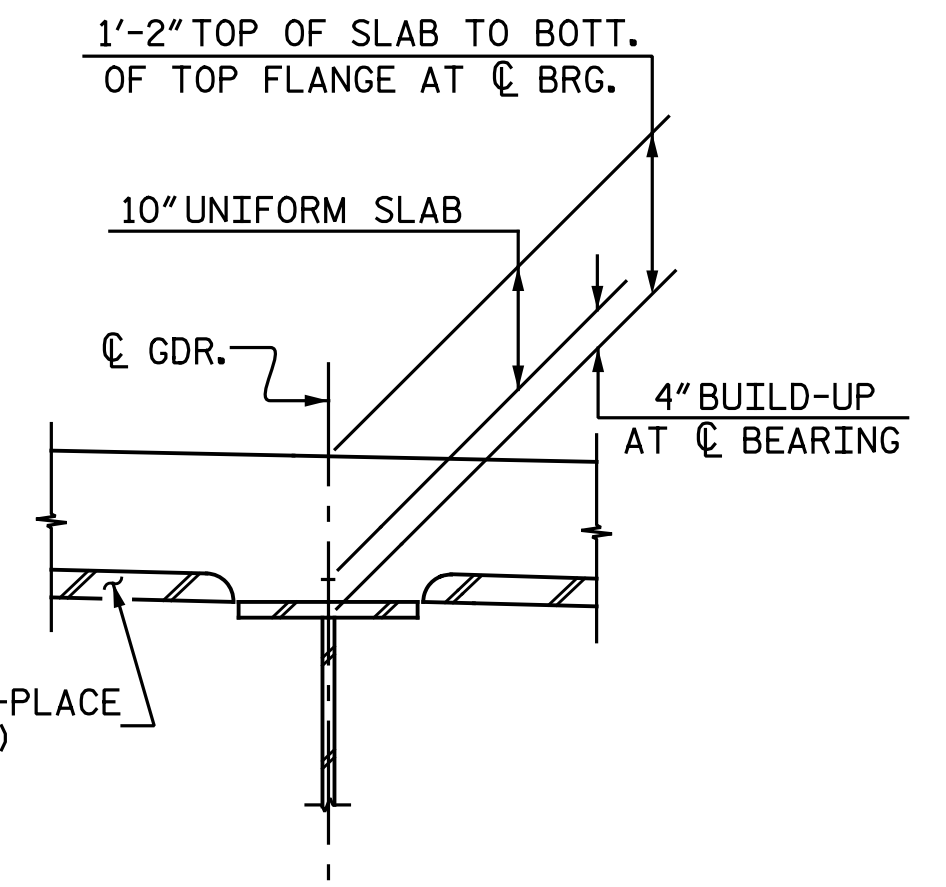
PARTIAL SECTION AT END BENT DIAPHRAGM PARTIAL SECTION AT INTERMEDIATE DIAPHRAGM

TYPICAL SECTION

(ALL HORIZONTAL DIMENSIONS SHOWN ARE RADIAL, U.N.O.)

NOTES:

- PROVIDE 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.
- PREVIOUSLY CAST CONCRETE SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI BEFORE ADDITIONAL CONCRETE IS CAST IN THE SPAN.
- BARRIER RAIL SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
- FIRST AND LAST #5 "A" BAR MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO CLEAR EXPANSION JOINT COMPONENTS.
- #5 G1E BAR MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO CLEAR REINFORCING STEEL AND STIRRUPS.
- THE CONTRACTOR MAY, WHEN NECESSARY, PROPOSE A SCHEME FOR AVOIDING INTERFERENCE BETWEEN METAL STAY-PLACE FORM SUPPORTS OR FORMS AND BEAM/GIRDER STIFFENERS OR CONNECTOR PLATES. THE PROPOSAL SHALL BE INDICATED, AS APPROPRIATE, ON EITHER THE STEEL WORKING DRAWINGS OR THE METAL-STAY-IN-PLACE FORM WORKING DRAWINGS.
- THE CONTRACTOR SHALL ADJUST THE GIRDER BUILDUPS AS NECESSARY TO INCORPORATE A MAXIMUM PERMISSIBLE VARIATION IN DISC BEARING DEPTH OF 1/2". SEE SPECIAL PROVISION FOR DISC BEARINGS.
- THE CONTRACTOR SHALL ENSURE THE STABILITY OF THE GIRDER WEB DURING CONSTRUCTION BASED ON THE OVERHANG SUPPORT SYSTEM USED.
- FOR EXPANSION JOINT SEALS, SEE SPECIAL PROVISIONS.



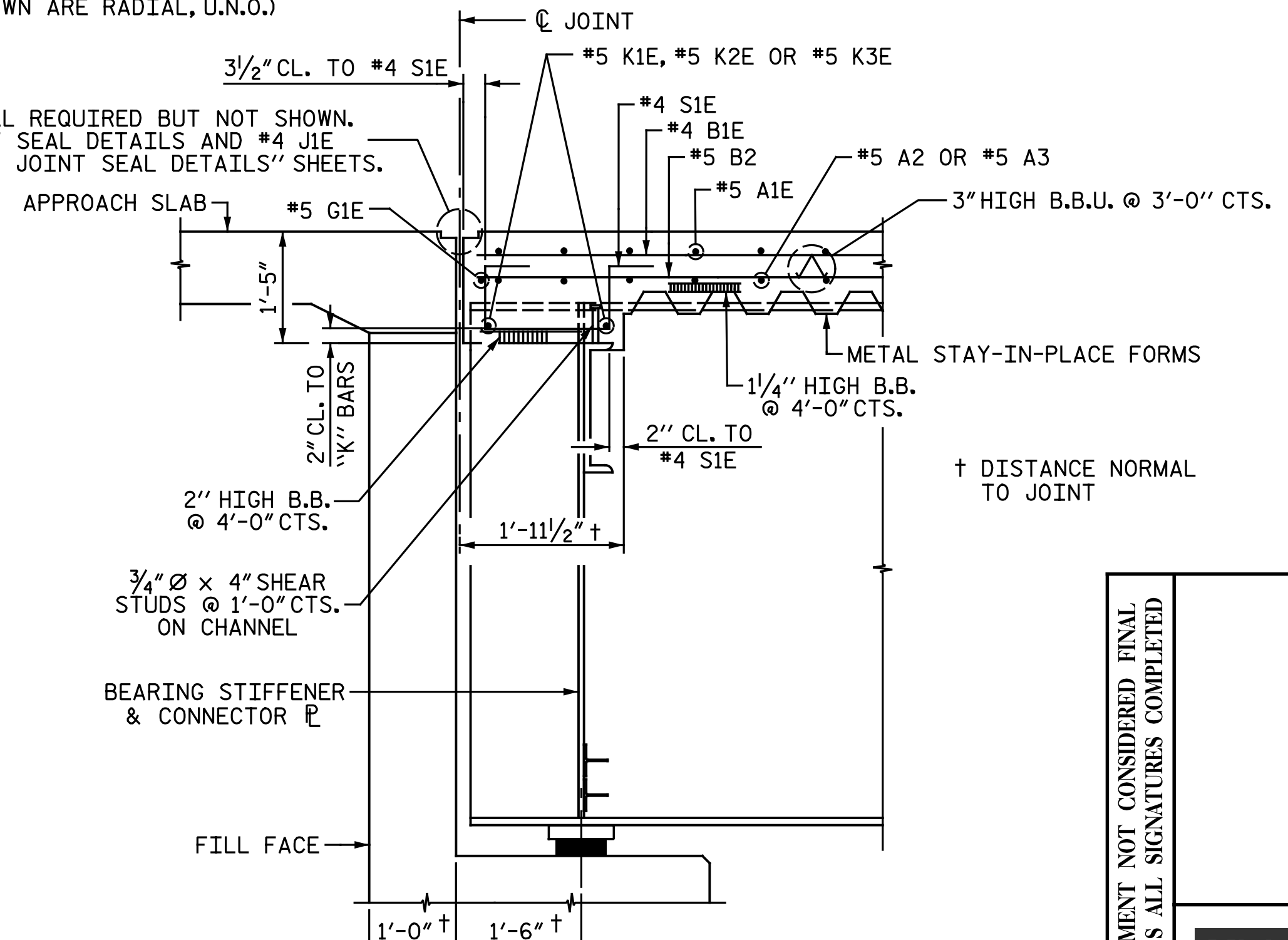
DETAIL "A"

PROJECT NO. U-2524D
 GUILFORD COUNTY
 STATION: 495+22.00 -LREV-

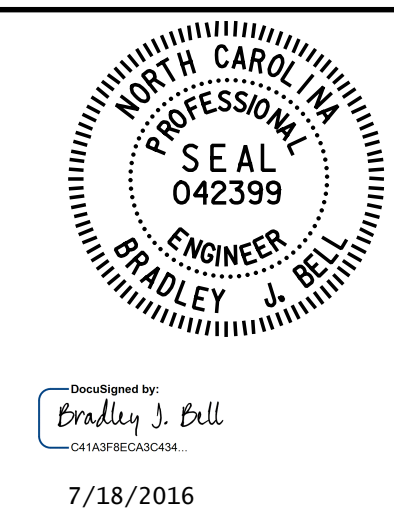
DRAWN BY : M. D. MAYHEW DATE : 11-18-15
 CHECKED BY : B. J. BELL DATE : 3-23-16

SECTION THRU END BENT DIAPHRAGM

EXPANSION JOINT SEAL REQUIRED BUT NOT SHOWN. FOR EXPANSION JOINT SEAL DETAILS AND #4 J1E BARS, SEE "EXPANSION JOINT SEAL DETAILS" SHEETS.



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUPERSTRUCTURE					
TYPICAL SECTION					
RIGHT LANES					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO. S4-6					TOTAL SHEETS 35

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