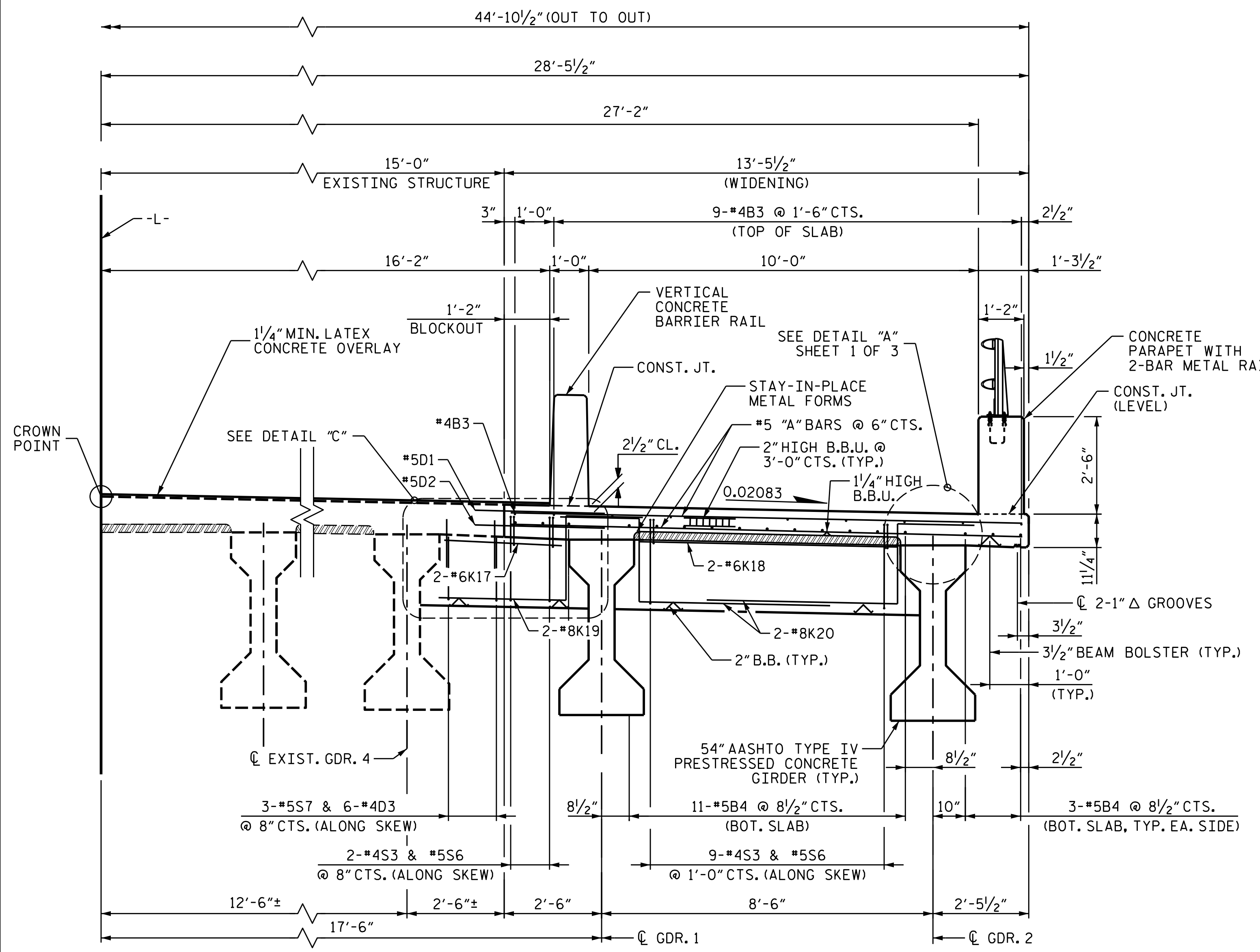
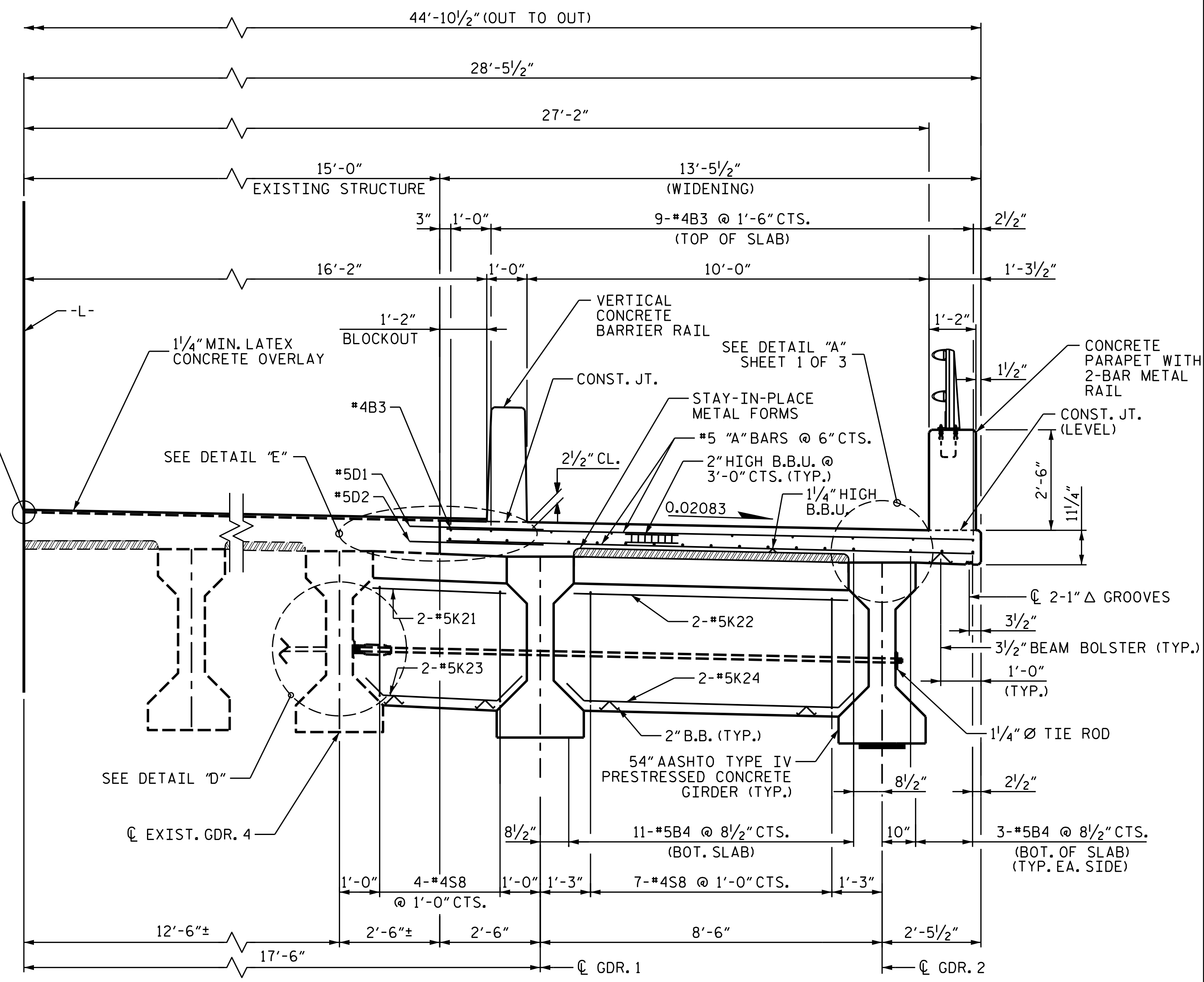


NOTES

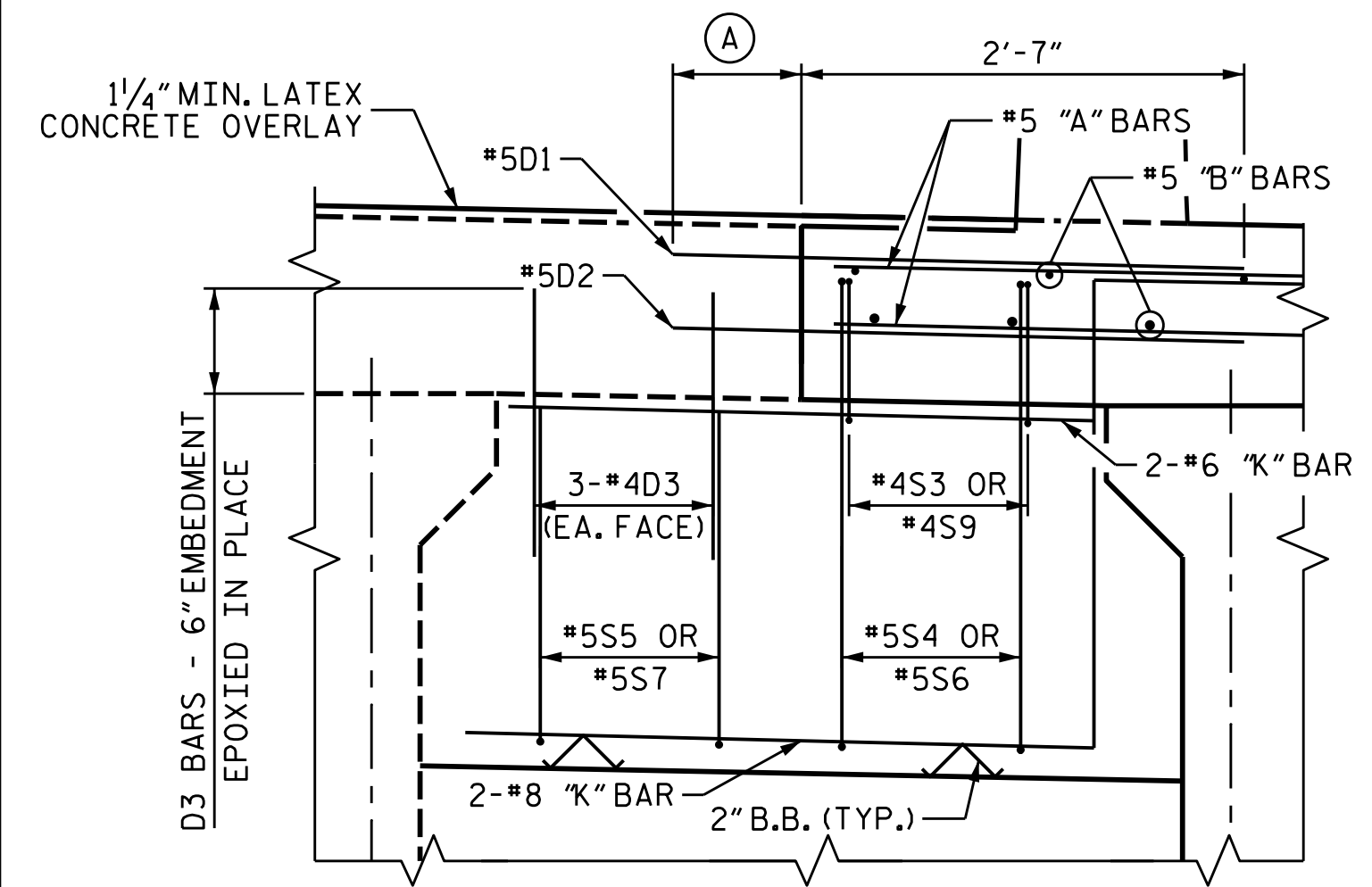
FOR NOTES, SEE SHEET 1 OF 4.



TYPICAL SECTION - BENT DIAPHRAGM

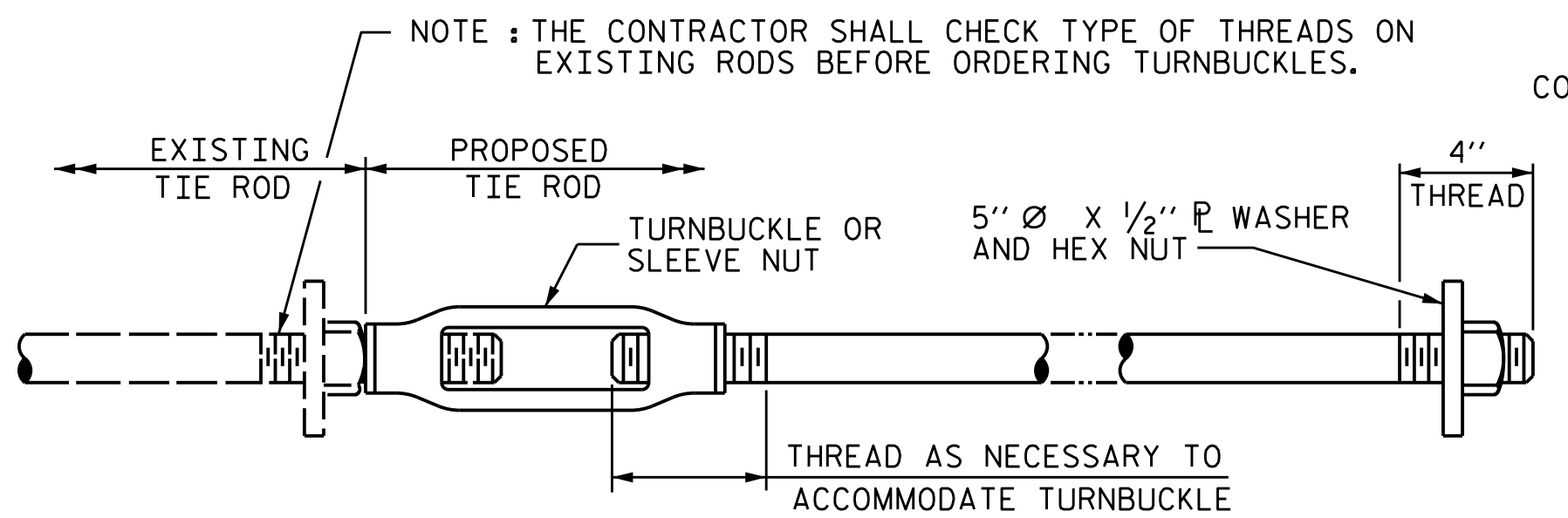


TYPICAL SECTION - INTERMEDIATE DIAPHRAGM



DETAIL "C"

(A) DRILLED HOLE DIAMETER AND EMBEDMENT SHALL BE PER ADHESIVE BONDING MANUFACTURER'S RECOMMENDATIONS. BAR LENGTH BASED ON 9" MIN. EMBEDMENT.

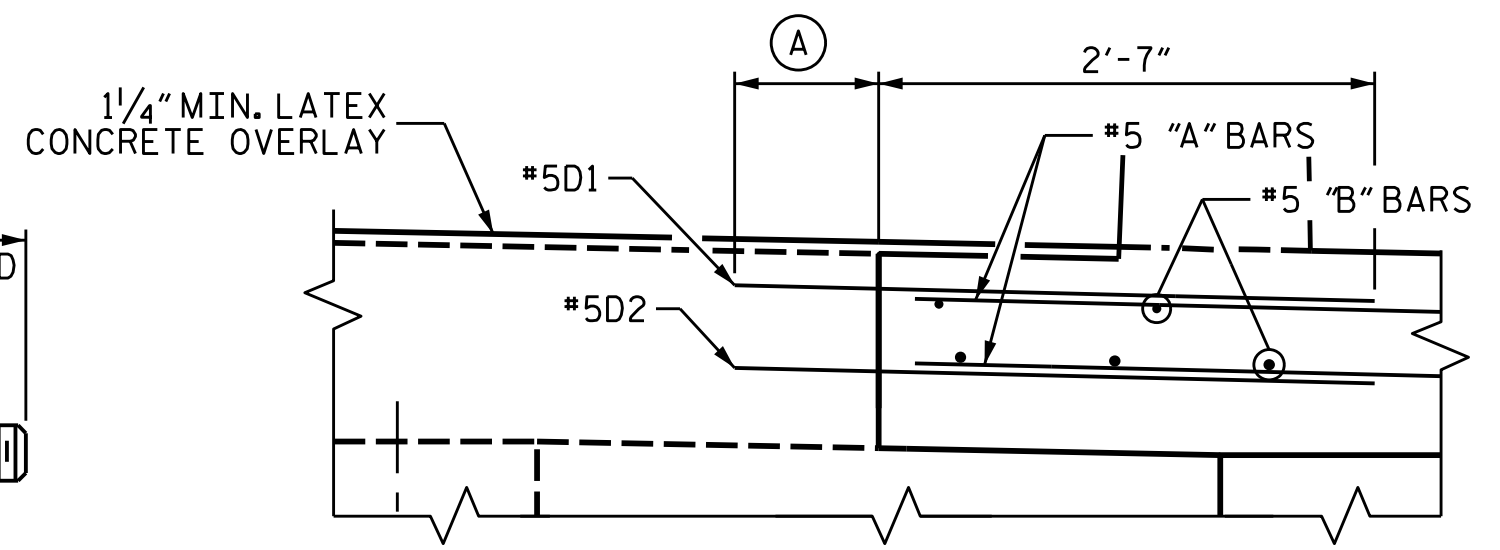


DETAIL "D"

NOTE: THE CONTRACTOR SHALL CHECK TYPE OF THREADS ON EXISTING RODS BEFORE ORDERING TURNBUCKLES.

LOCATION OF THE PROPOSED 1/4" Ø TIE RODS FOR THE INTERIOR DIAPHRAGMS IS TO LINE UP, AS NEAR AS POSSIBLE, WITH EXISTING 1/4" Ø TIE RODS. THESE DIMENSIONS SHOWN ON THE PLANS SHALL BE CHECKED BY THE RESIDENT ENGINEER AND SUBMITTED, ALONG WITH SPAN LENGTHS, TO THE STRUCTURE DESIGN UNIT.

NUTS ON EXISTING TIE RODS SHALL NOT BE REMOVED UNLESS TIE ROD PROJECTION BEYOND THE NUT IS LESS THAN 1/8". TURNBUCKLES SHALL BE TIGHTENED AGAINST THE EXISTING NUTS EXCEPT AS NOTED ABOVE.



DETAIL "E"

(A) DRILLED HOLE DIAMETER AND EMBEDMENT SHALL BE PER ADHESIVE BONDING MANUFACTURER'S RECOMMENDATIONS. BAR LENGTH BASED ON 9" MIN. EMBEDMENT.

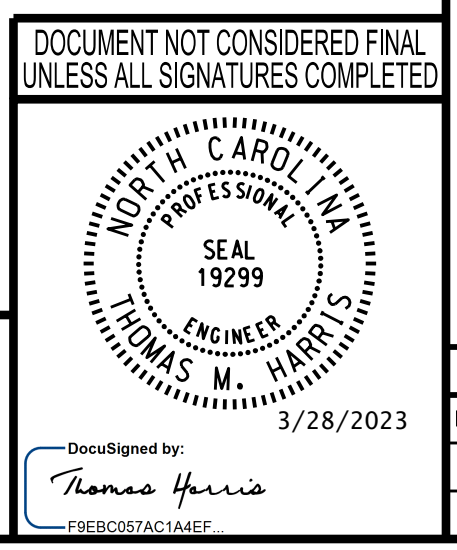
PROJECT NO. U-4424
 EDGEcombe COUNTY
 STATION: 66+24.84 -L-

SHEET 2 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**TYPICAL SECTION
 SPANS B & C**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-7
1			3			TOTAL SHEETS
2			4			37



wsp
 WSP USA Inc.
 434 FAYETTEVILLE STREET
 SUITE 1500
 RALEIGH, NC 27601
 TEL: 1.919.836.4040
 LICENSE NO. P-0165

3/28/2023
 J:\188771-06 NCDOT_NC_111\U-4424\Structures\Dr-off-fig\DGNS\401_015_U4424_SML_T52_007.dgn

DESIGNED BY: J. WHEATLEY DATE: MAR 2023
 DRAWN BY: J. WHEATLEY DATE: MAR 2023
 CHECKED BY: T. KIRSCHBAUM DATE: MAR 2023
 DESIGN ENGINEER OF RECORD: T. HARRIS DATE: MAR 2023