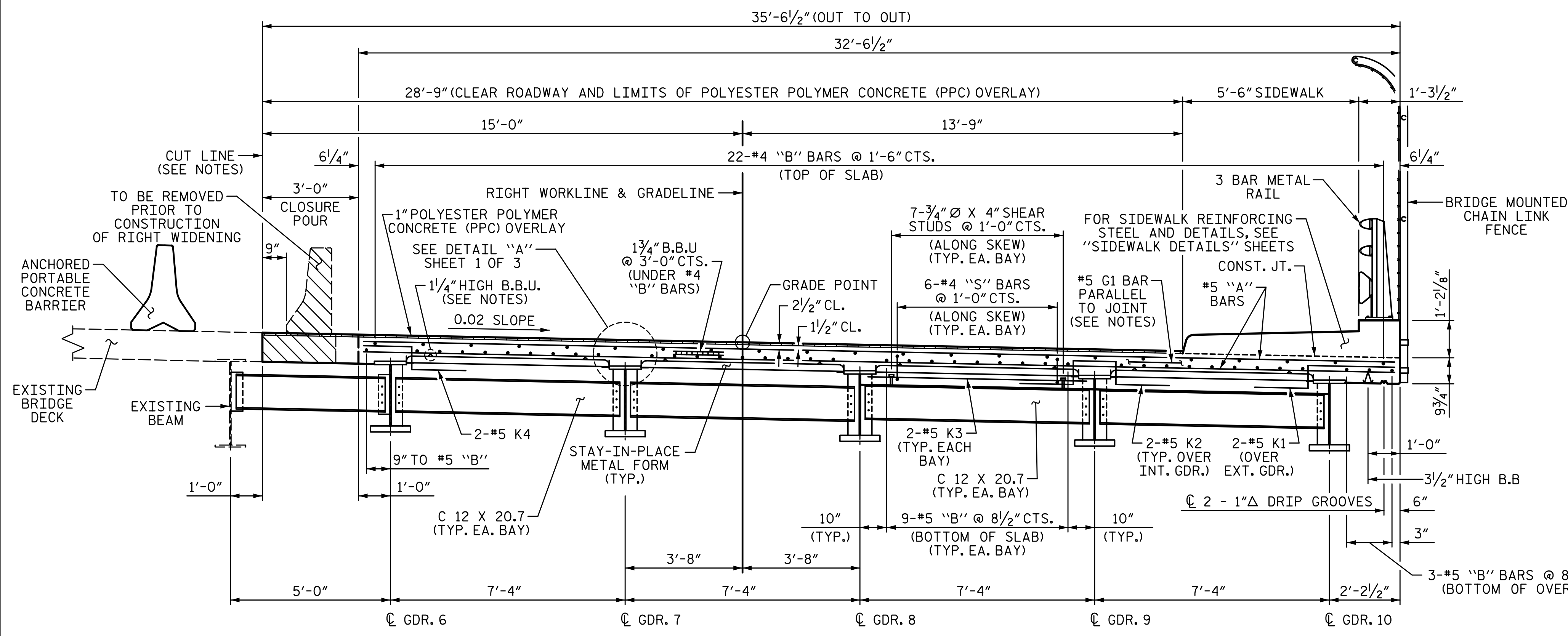
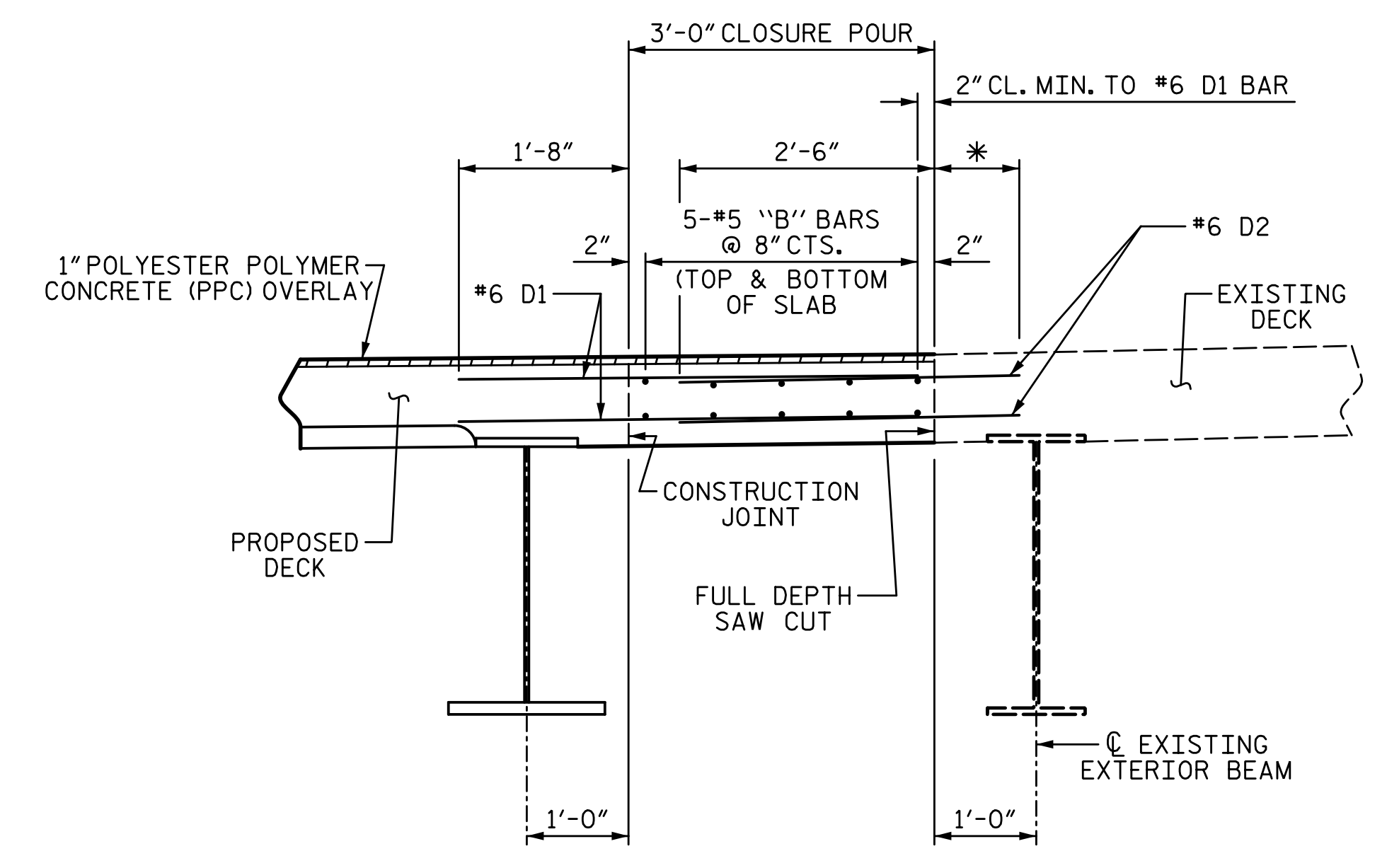


BENT DIAPHRAGMS **INTERMEDIATE DIAPHRAGMS**
TYPICAL SECTION - LEFT WIDENING
 (SPANS B & C LEFT WIDENING)



INTERMEDIATE DIAPHRAGMS **BENT DIAPHRAGMS**
TYPICAL SECTION - RIGHT WIDENING
 (SPANS B & C RIGHT WIDENING)

NOTES:
 * #6 D2 DOWELS PLACED IN THE EXISTING DECK SHALL BE INSTALLED USING AN ADHESIVE ANCHORING SYSTEM. LEVEL ONE FIELD TESTING IS REQUIRED AND THE YIELD LOAD OF THE DOWEL IS 13.2 KIPS. OVERALL LENGTH SHALL PROVIDE A 2'-6" MIN. EXTENSION INTO CLOSURE POUR. EMBEDMENT LENGTH TO BE DETERMINED BY THE MANUFACTURER OF THE ADHESIVELY ANCHORED ANCHOR SYSTEM. #6 D2 BAR LENGTH WAS BASED ON A 10" EMBEDMENT LENGTH. ADHESIVELY ANCHORED ANCHOR BOLT OR DOWEL TESTING SHALL BE IN ACCORDANCE WITH SECTION 420-13 OF THE STANDARD SPECIFICATIONS.
 #6 D1 AND #6 D2 DOWELS SHALL BE PLACED IN THE SAME HORIZONTAL PLANE AS THE TOP AND BOTTOM SLAB REINFORCING STEEL.



CLOSURE POUR
 (LEFT CLOSURE POUR SHOWN, RIGHT CLOSURE POUR SIMILAR)

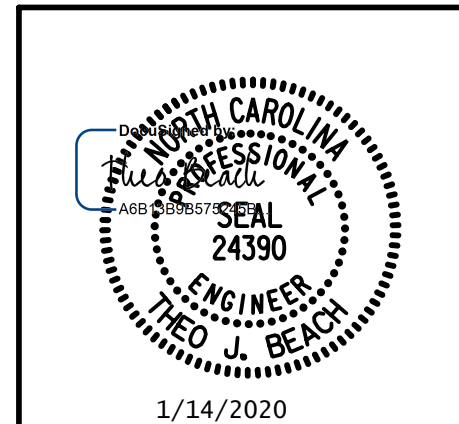
PROJECT NO. I-5711
ALAMANCE COUNTY
 STATION: STA. 27+02.26 -L-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE

**TYPICAL SECTION
 (SPANS B & C)**

LEFT & RIGHT WIDENING



PLANS PREPARED BY:
SE & A
 SIMPSON ENGINEERS & ASSOCIATES
 5640 Dillard Drive
 Suite 200
 Cary, NC 27518
 (919) 852-0468
 (919) 852-0598 (Fax)
 www.simpsonengr.com
 LICENSURE NO. C-2521

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

TOTAL SHEETS: 89

DRAWN BY: R. SEALEY DATE: 1-20
 CHECKED BY: T. BEACH DATE: 1-20
 DESIGN ENGINEER OF RECORD: T. BEACH DATE: 1-20

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

1/14/2020 10:06:15 AM G:\Projects\2017\I-5711\Structures\Drawings\Final\401-I5711-SMJ_TS_000177.dgn