

SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

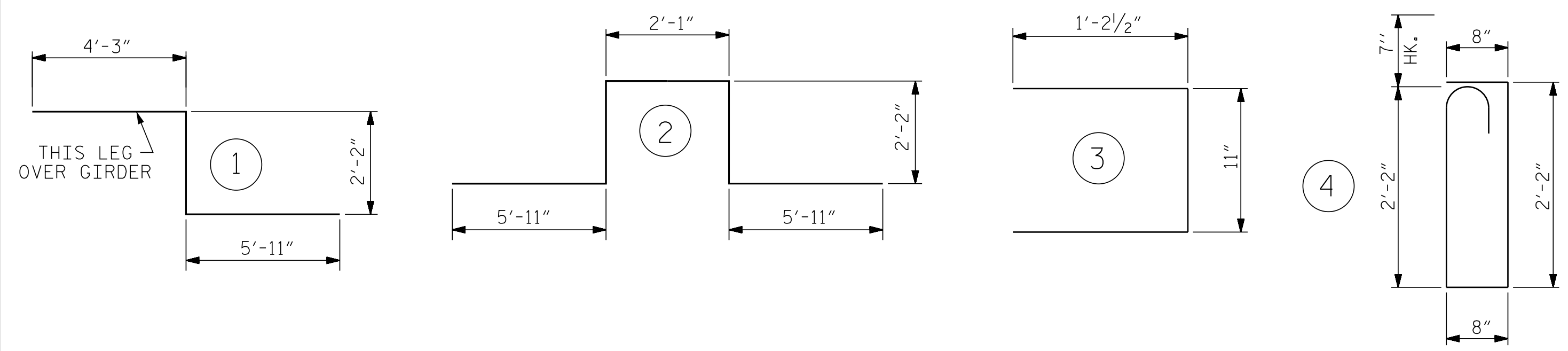
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
#6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"			
#8	4'-9"	3'-2"			

BILL OF MATERIAL

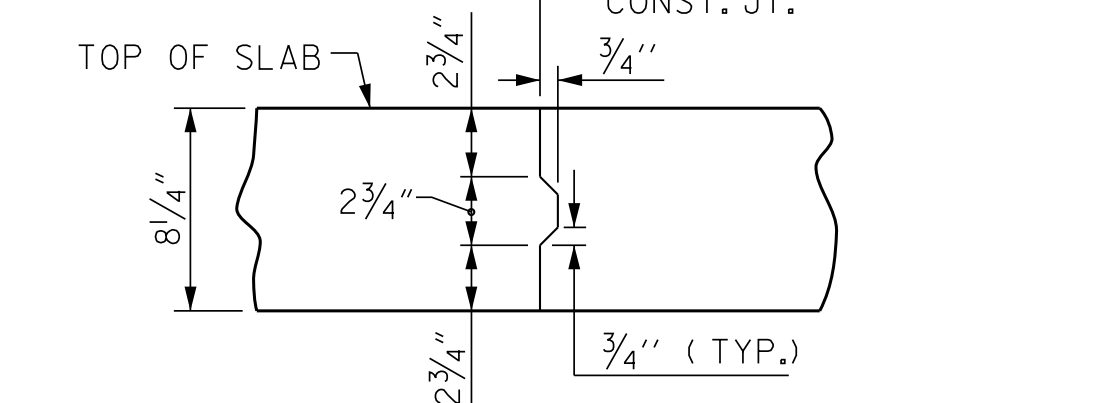
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	974	#5	STR	35'-3"	35,810	B1	160	#5	STR	32'-7"	5,438
A2	974	#5	STR	35'-3"	35,810	B2	200	#5	STR	55'-0"	11,473
*A101	6	#5	STR	30'-7"	191	B3	170	#4	STR	46'-0"	5,224
*A102	6	#5	STR	24'-6"	153	B4	160	#5	STR	39'-0"	6,508
*A103	6	#5	STR	18'-5"	115	*B5	144	#4	STR	30'-3"	2,910
*A104	6	#5	STR	12'-4"	77	*B6	360	#5	STR	33'-3"	12,485
*A105	6	#5	STR	6'-4"	40	*B7	175	#5	STR	37'-0"	6,753
*A106	4	#5	STR	2'-3"	9	*B8	144	#4	STR	29'-10"	2,870
A201	6	#5	STR	30'-7"	191						
A202	6	#5	STR	24'-6"	153	*G1	2	#5	STR	36'-6"	76
A203	6	#5	STR	18'-5"	115						
A204	6	#5	STR	12'-4"	77	*K1	8	#8	1	12'-4"	263
A205	6	#5	STR	6'-4"	40	*K2	12	#8	2	18'-3"	585
A206	4	#5	STR	2'-3"	9	*K3	16	#6	STR	5'-5"	130
						*S1	48	#5	4	6'-3"	313
						*S2	48	#4	3	3'-4"	107
										REINFORCING STEEL	65,038 LBS.
										*EPOXY COATED REINF. STEEL	62,887 LBS.

QUANTITIES FOR PARAPETS AND END POSTS ARE NOT INCLUDED.

BAR TYPES



TRANSVERSE CONSTRUCTION JOINT DETAIL

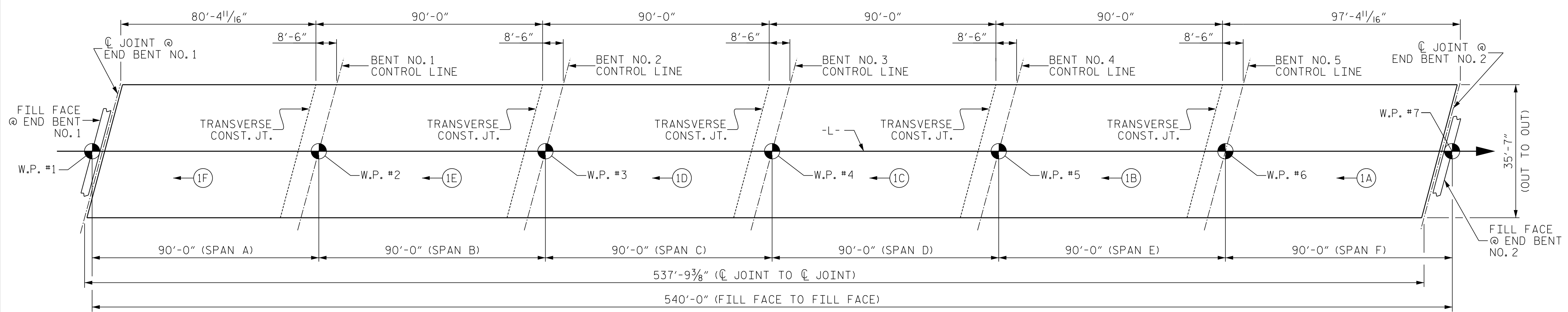


TRANSVERSE CONSTRUCTION JOINT DETAIL

NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT

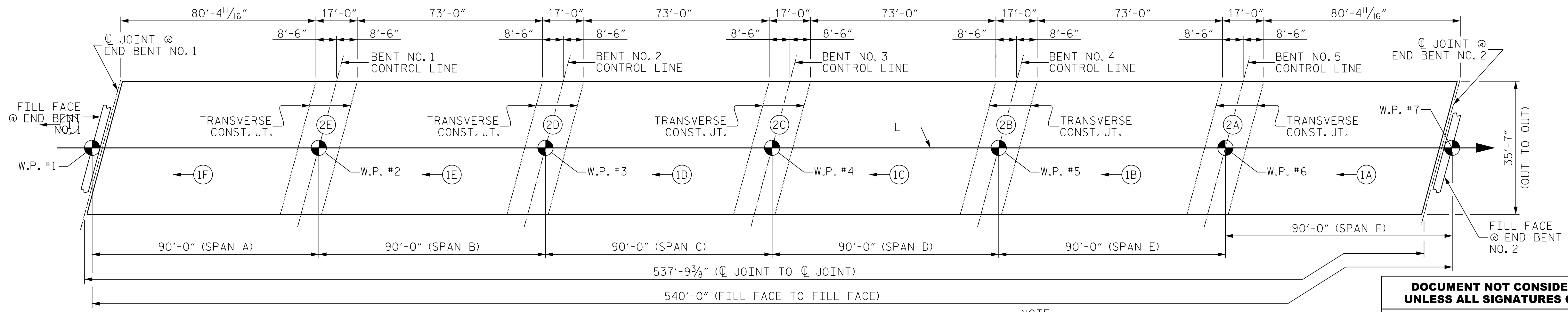
SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1A	105.2	---	---
POUR 1B	95.1	---	---
POUR 1C	95.1	---	---
POUR 1D	95.1	---	---
POUR 1E	95.1	---	---
POUR 1F	87.2	---	---
TOTALS**	572.8	65,038	62,887



POURING SEQUENCE AND LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB

(TOTAL = 19,136 SQ. FT.)

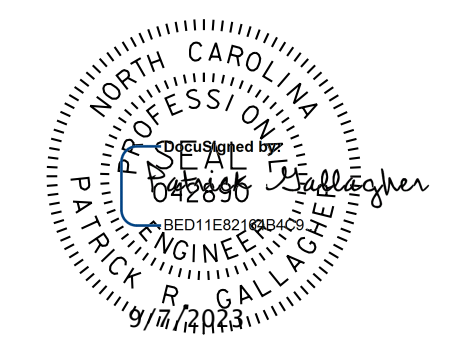


OPTIONAL POURING SEQUENCE

NOTE: POUR 2 SHALL NOT BE STARTED UNTIL BOTH ADJACENT 1 POURS REACH A MINIMUM STRENGTH OF 3000 PSI.

GROOVING BRIDGE FLOORS

APPROACH SLABS	841 SQ.FT.
BRIDGE DECK	16,115 SQ.FT.
TOTAL	16,956 SQ.FT.



PROJECT NO. B-4926
LENOIR COUNTY
 STATION: 25+45.00 -L-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
BILL OF MATERIAL & POUR SEQUENCE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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 Raleigh, NC, 27609
 License No: C-3097

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-30	
1			3			TOTAL SHEETS	49
2			4				

DWG: 1513 VMC Structures 0317-01 - B-4926 Lenoir 20 & 3A Structures Lenoir 20 V01ens-V01_059_B4926-SM_LBMOI_030.dgn
 TIME: 01:33 PM on Wednesday, September 06, 2023

DWN. BY: WDC DATE: 03/2023
 CHKD. BY: PRG DATE: 03/2023
 DES. EGR. OF RECORD: PRG DATE: 03/2023