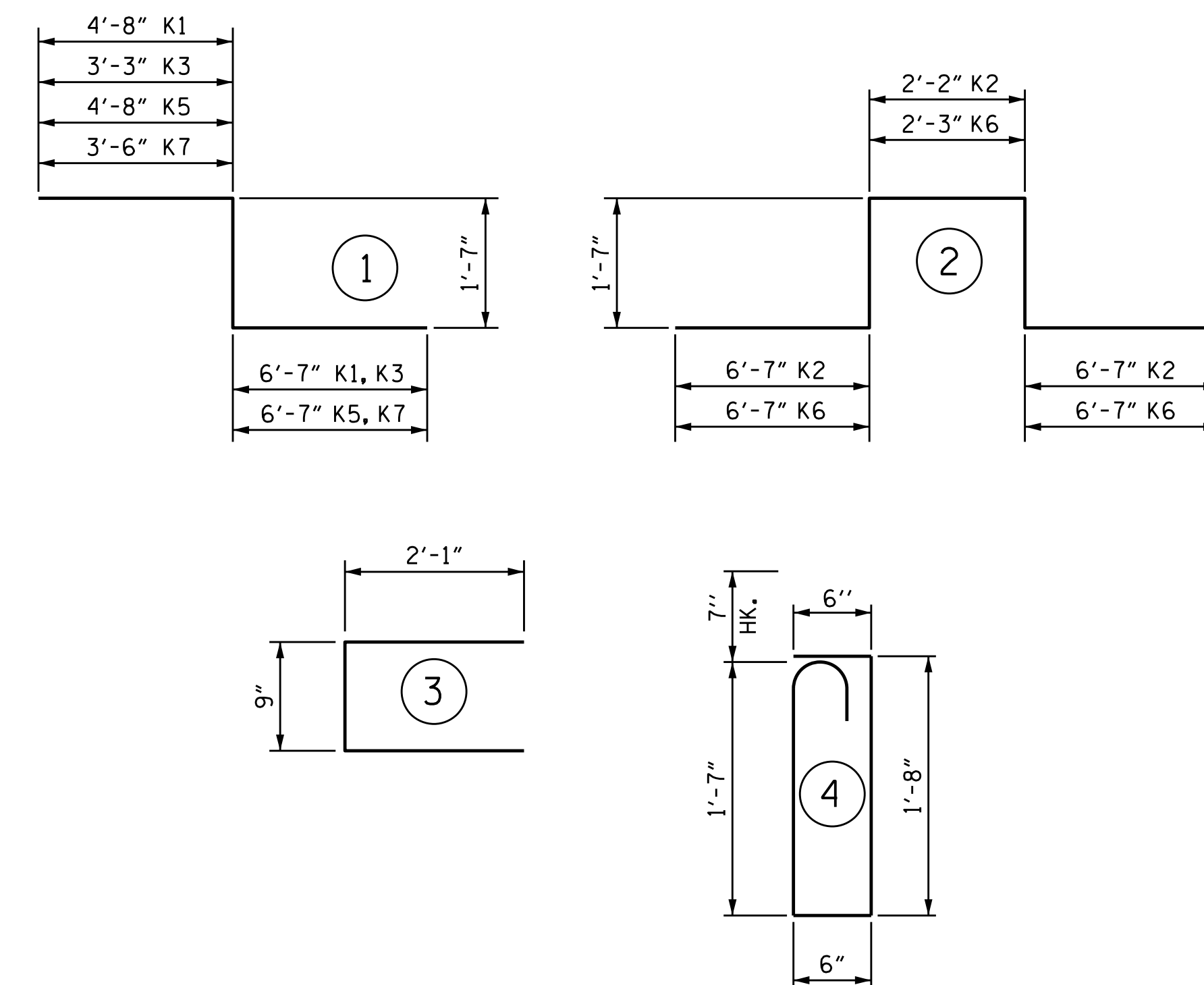


BILL OF MATERIAL

SPANS A & B

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	217	#5	STR.	31'-11"	7224	A2	217	#5	STR.	31'-11"	7224	*B1	42	#5	STR.	29'-0"	1270
*A101	2	#5	STR.	30'-0"	63	A201	2	#5	STR.	30'-0"	63	*B2	22	#5	STR.	47'-9"	1096
*A102	2	#5	STR.	27'-9"	58	A202	2	#5	STR.	27'-9"	58	*B3	22	#4	STR.	32'-7"	479
*A103	2	#5	STR.	25'-7"	53	A203	2	#5	STR.	25'-7"	53	*B4	44	#4	STR.	28'-1"	825
*A104	2	#5	STR.	23'-4"	49	A204	2	#5	STR.	23'-4"	49	B5	33	#4	STR.	35'-1"	773
*A105	2	#5	STR.	21'-2"	44	A205	2	#5	STR.	21'-2"	44	B6	46	#5	STR.	41'-6"	1991
*A106	2	#5	STR.	18'-11"	39	A206	2	#5	STR.	18'-11"	39	B7	46	#5	STR.	35'-0"	1679
*A107	2	#5	STR.	16'-9"	35	A207	2	#5	STR.	16'-9"	35	B8	46	#5	STR.	58'-2"	2791
*A108	2	#5	STR.	14'-6"	30	A208	2	#5	STR.	14'-6"	30	*G1	4	#5	STR.	19'-8"	82
*A109	2	#5	STR.	12'-4"	26	A209	2	#5	STR.	12'-4"	26						
*A110	2	#5	STR.	10'-1"	21	A210	2	#5	STR.	10'-1"	21	*K1	2	#8	1	12'-10"	69
*A111	2	#5	STR.	7'-11"	17	A211	2	#5	STR.	7'-11"	17	*K2	4	#8	2	18'-6"	198
*A112	2	#5	STR.	5'-8"	12	A212	2	#5	STR.	5'-8"	12	*K3	2	#8	1	11'-5"	61
*A113	2	#5	STR.	3'-6"	7	A213	2	#5	STR.	3'-6"	7	*K4	9	#6	STR.	8'-3"	112
												*K5	2	#8	1	12'-0"	69
*A114	2	#5	STR.	30'-9"	64	A214	2	#5	STR.	30'-9"	64	*K6	4	#8	2	18'-7"	198
*A115	2	#5	STR.	29'-3"	61	A215	2	#5	STR.	29'-3"	61	*K7	2	#8	1	11'-8"	62
*A116	2	#5	STR.	27'-10"	58	A216	2	#5	STR.	27'-10"	58	*K8	9	#6	STR.	8'-3"	112
*A117	2	#5	STR.	26'-5"	55	A217	2	#5	STR.	26'-5"	55						
*A118	2	#5	STR.	25'-0"	52	A218	2	#5	STR.	25'-0"	52	*S1	48	#5	4	4'-10"	242
*A119	2	#5	STR.	23'-6"	49	A219	2	#5	STR.	23'-6"	49	*S2	48	#4	3	4'-11"	158
*A120	2	#5	STR.	22'-1"	46	A220	2	#5	STR.	22'-1"	46						
*A121	2	#5	STR.	20'-8"	43	A221	2	#5	STR.	20'-8"	43						
*A122	2	#5	STR.	19'-2"	40	A222	2	#5	STR.	19'-2"	40						
*A123	2	#5	STR.	17'-9"	37	A223	2	#5	STR.	17'-9"	37						
*A124	2	#5	STR.	16'-4"	34	A224	2	#5	STR.	16'-4"	34						
*A125	2	#5	STR.	14'-10"	31	A225	2	#5	STR.	14'-10"	31						
*A126	2	#5	STR.	13'-5"	28	A226	2	#5	STR.	13'-5"	28						
*A127	2	#5	STR.	11'-11"	25	A227	2	#5	STR.	11'-11"	25						
*A128	2	#5	STR.	10'-6"	22	A228	2	#5	STR.	10'-6"	22						
*A129	2	#5	STR.	9'-0"	19	A229	2	#5	STR.	9'-0"	19						
*A130	2	#5	STR.	7'-7"	16	A230	2	#5	STR.	7'-7"	16						
*A131	2	#5	STR.	6'-1"	13	A231	2	#5	STR.	6'-1"	13						
*A132	2	#5	STR.	4'-8"	10	A232	2	#5	STR.	4'-8"	10						
*A133	2	#5	STR.	3'-2"	7	A233	2	#5	STR.	3'-2"	7						
*A134	6	#6	STR.	9'-0"	81												
REINFORCING STEEL = 15,622 LBS																	
* EPOXY COATED REINFORCING STEEL = 13,502 LBS																	

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

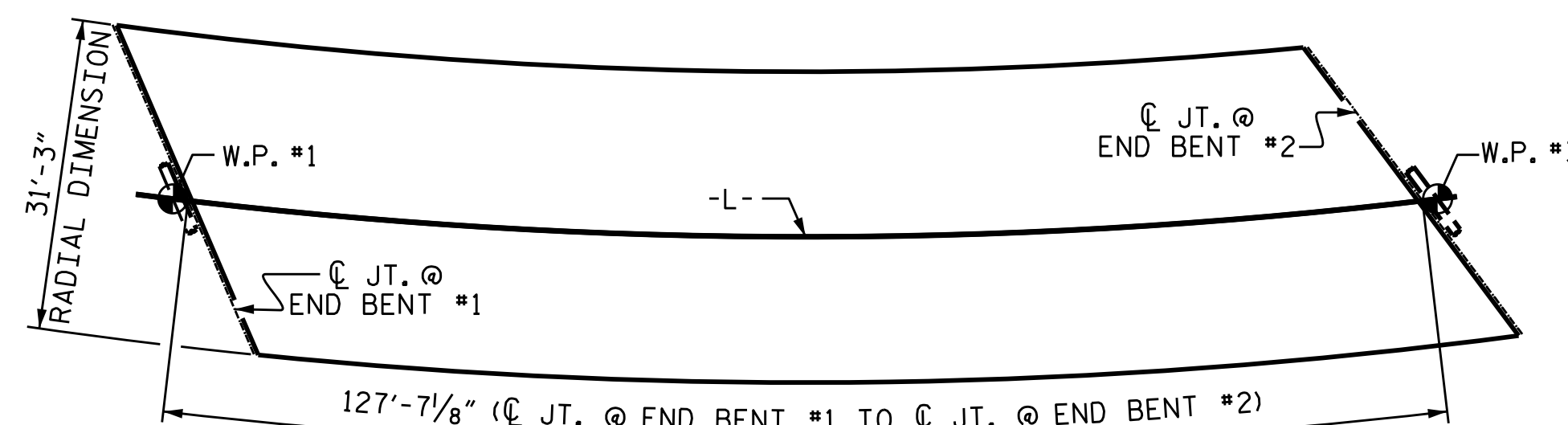
SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
SPANS A & B	133.3	15,622	13,502
TOTALS**	133.3	15,622	13,502

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

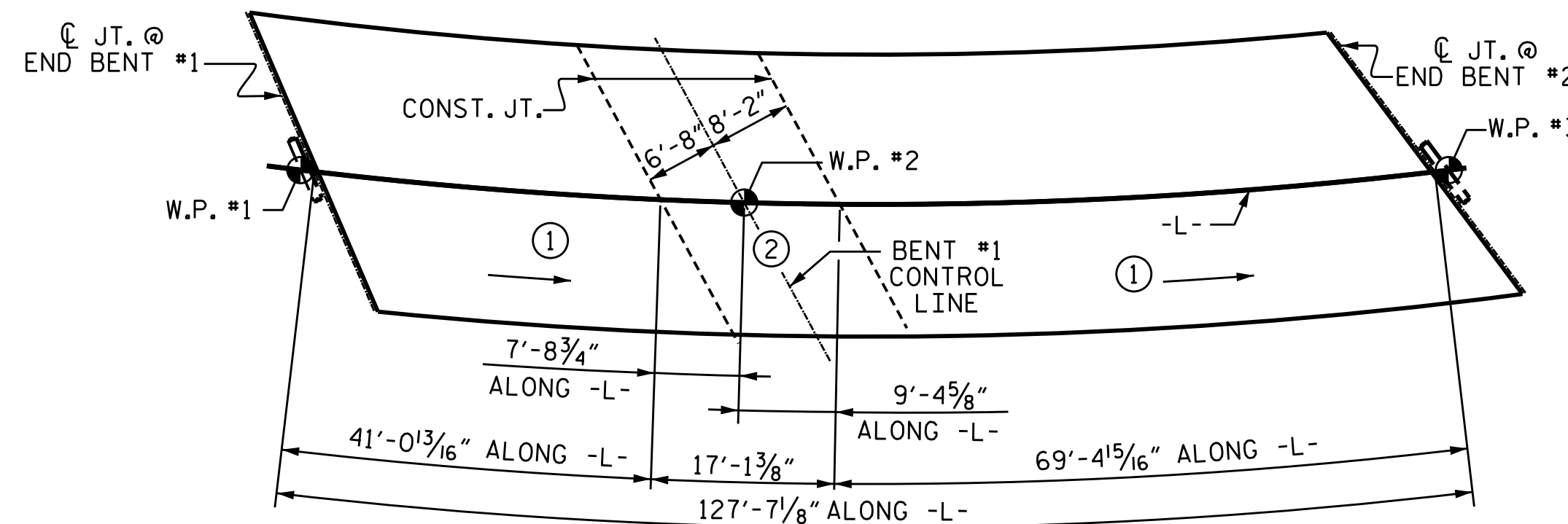
POUR SEQUENCE	
SPANS A & B	CLASS AA CONCRETE (CU. YDS.)
POUR #1	118.3
POUR #2	15.0
TOTALS**	133.3

GROOVING BRIDGE FLOORS		
		SO.FT.
APPROACH SLAB @ EB#1	284	
APPROACH SLAB @ EB#2	296	
BRIDGE DECK	3397	
TOTAL	3977	

SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS					
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPETS, AND BARRIER RAILS		APPROACH SLABS		PARAPETS AND BARRIER RAILS
	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"			



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 4,107)



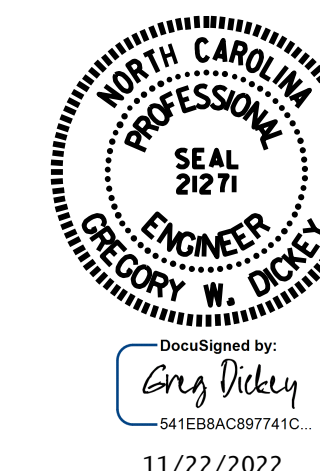
POUR SEQUENCE

POUR #2 CAN NOT BE STARTED UNTIL BOTH ADJACENT #1 POURS REACH A MINIMUM OF 3000 PSI

Prepared in the Office of:

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 Ph: 919-322-0115 Fax: 919-322-0116
 www.summitde.com

PROJECT NO. B-5989
MADISON COUNTY
 STATION: 16+18.00 -L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE BILL OF MATERIAL

DRAWN BY : KEITH D. LAYNE DATE : 10/19
 CHECKED BY : NEIL C. ROHRBAUGH DATE : 10/19
 DESIGN ENGINEER OF RECORD: G. DICKEY DATE : 7/13/22

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-19
2			4			TOTAL SHEETS 35