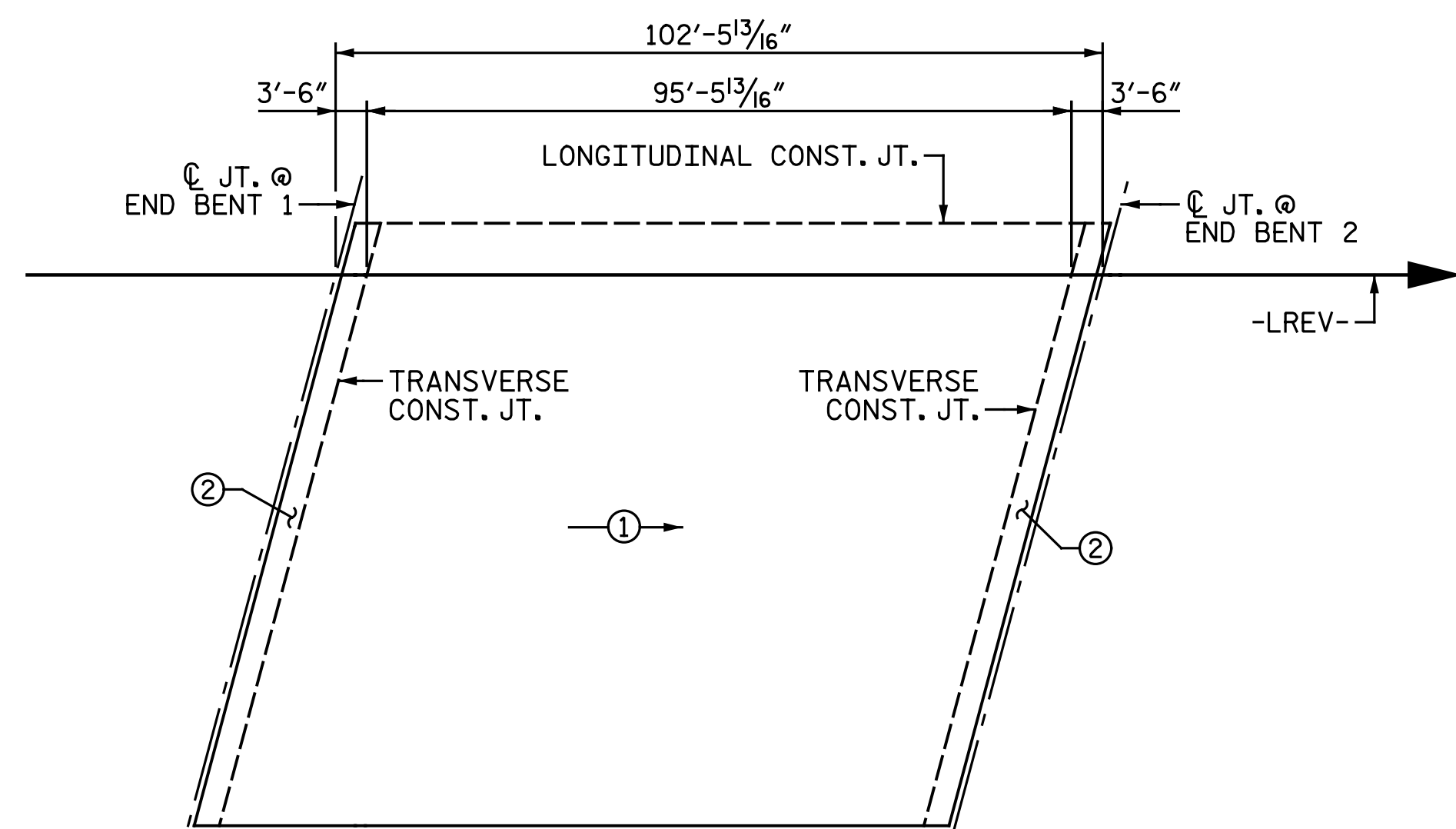


LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB  
(STAGE I SQ. FT. = 8,365)



POURING SEQUENCE

① → DENOTES POUR NUMBER AND DIRECTION

DRAWN BY : M. D. MAYHEW DATE : 7-22-19  
CHECKED BY : B. J. BELL DATE : 8-3-19

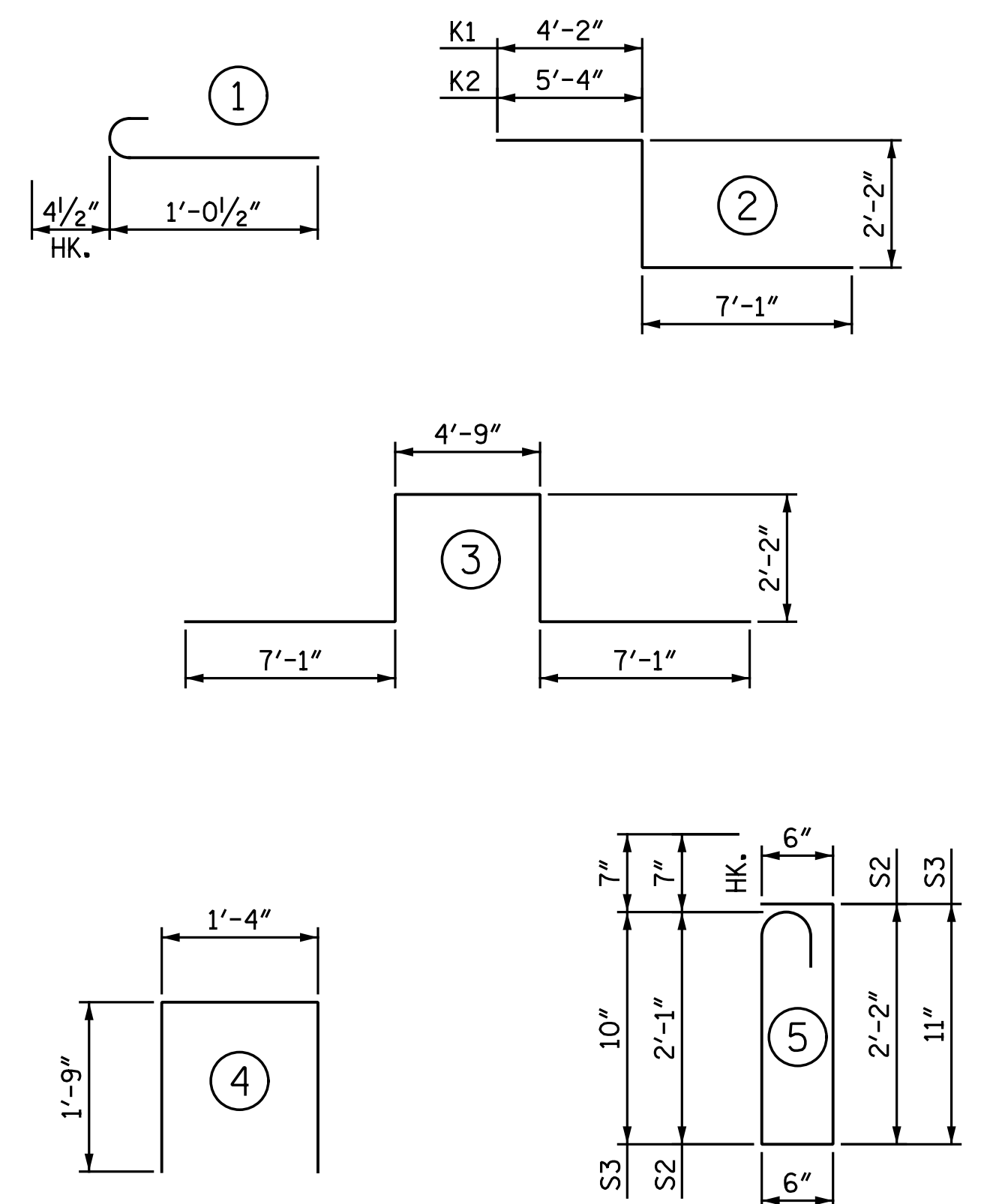
REINFORCING BAR SCHEDULE

SPAN A - STAGE I

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	128	#5	STR.	46' - 8"	6,230	A310	2	#5	STR.	58' - 4"	122
*A2	146	#5	STR.	37' - 2"	5,660	A311	2	#5	STR.	56' - 0"	117
A3	274	#5	STR.	41' - 9"	11,931	A312	2	#5	STR.	53' - 8"	112
*A4	40	#5	STR.	41' - 11"	1,749	A313	2	#5	STR.	51' - 4"	107
						A314	2	#5	STR.	49' - 0"	102
*A201	2	#5	STR.	44' - 9"	93	A315	2	#5	STR.	46' - 8"	97
*A202	2	#5	STR.	42' - 5"	88	A316	2	#5	STR.	44' - 4"	92
*A203	2	#5	STR.	40' - 1"	84	A317	2	#5	STR.	42' - 0"	88
*A204	2	#5	STR.	37' - 9"	79	A318	2	#5	STR.	39' - 8"	83
*A205	2	#5	STR.	35' - 5"	74	A319	2	#5	STR.	37' - 4"	78
*A206	2	#5	STR.	33' - 1"	69	A320	2	#5	STR.	35' - 0"	73
*A207	2	#5	STR.	30' - 9"	64	A321	2	#5	STR.	32' - 8"	68
*A208	2	#5	STR.	28' - 5"	59	A322	2	#5	STR.	30' - 4"	63
*A209	2	#5	STR.	26' - 1"	54	A323	2	#5	STR.	28' - 0"	58
*A210	2	#5	STR.	58' - 4"	122	A324	2	#5	STR.	25' - 8"	54
*A211	2	#5	STR.	56' - 0"	117	A325	2	#5	STR.	23' - 4"	49
*A212	2	#5	STR.	53' - 8"	112	A326	2	#5	STR.	21' - 0"	44
*A213	2	#5	STR.	51' - 4"	107	A327	2	#5	STR.	18' - 8"	39
*A214	2	#5	STR.	49' - 0"	102	A328	2	#5	STR.	16' - 4"	34
*A215	2	#5	STR.	46' - 8"	97	A329	2	#5	STR.	14' - 0"	29
*A216	2	#5	STR.	44' - 4"	92	A330	2	#5	STR.	11' - 8"	24
*A217	2	#5	STR.	42' - 0"	88	A331	2	#5	STR.	9' - 4"	19
*A218	2	#5	STR.	39' - 8"	83	A332	2	#5	STR.	7' - 0"	15
*A219	2	#5	STR.	37' - 4"	78	A333	2	#5	STR.	4' - 8"	10
*A220	2	#5	STR.	35' - 0"	73	A334	2	#5	STR.	2' - 4"	5
*A221	2	#5	STR.	32' - 8"	68						
*A222	2	#5	STR.	30' - 4"	63	*B1	165	#4	STR.	35' - 4"	3,894
*A223	2	#5	STR.	28' - 0"	58	B2	154	#5	STR.	52' - 1"	8,366
*A224	2	#5	STR.	25' - 8"	54						
*A225	2	#5	STR.	23' - 4"	49	*D1	161	#5	STR.	6' - 6"	1,091
*A226	2	#5	STR.	21' - 0"	44	D2	161	#5	STR.	6' - 0"	1,008
*A227	2	#5	STR.	18' - 8"	39	*D3	20	#5	STR.	8' - 0"	167
*A228	2	#5	STR.	16' - 4"	34						
*A229	2	#5	STR.	14' - 0"	29	*G1	4	#5	STR.	43' - 4"	181
*A230	2	#5	STR.	11' - 8"	24						
*A231	2	#5	STR.	9' - 4"	19	*J1	162	#4	1	1' - 5"	153
*A232	2	#5	STR.	7' - 0"	15						
*A233	2	#5	STR.	4' - 8"	10	*K1	4	#8	2	13' - 5"	143
*A234	2	#5	STR.	2' - 4"	5	*K2	4	#8	2	14' - 7"	156
						*K3	28	#8	3	23' - 3"	1,738
A301	2	#5	STR.	39' - 10"	83	*K4	48	#6	STR.	8' - 3"	595
A302	2	#5	STR.	37' - 6"	78	*K5	32	#4	STR.	8' - 10"	189
A303	2	#5	STR.	35' - 2"	73						
A304	2	#5	STR.	32' - 10"	68	*S1	96	#4	4	4' - 10"	310
A305	2	#5	STR.	30' - 6"	64	*S2	96	#5	5	5' - 10"	584
A306	2	#5	STR.	28' - 2"	59	*S3	64	#5	5	3' - 4"	223
A307	2	#5	STR.	25' - 10"	54						
A308	2	#5	STR.	23' - 6"	49	REINFORCING STEEL				LBS.	23,459
A309	2	#5	STR.	21' - 2"	44	*EPOXY COATED REINFORCING STEEL				LBS.	25,309

GROOVING BRIDGE FLOORS		
STAGE I		
APPROACH SLABS	3,494	SQ.FT.
BRIDGE DECK	7,439	SQ.FT.
TOTAL	10,933	SQ.FT.

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

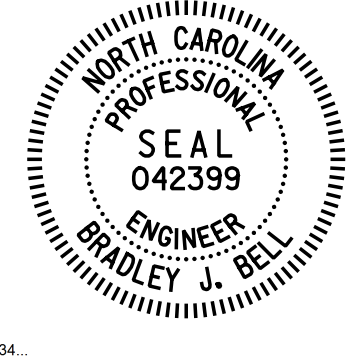
SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
SPAN A - STAGE I	-	23,459	25,309
POUR 1	258.7	-	-
POUR 2	33.0	-	-
TOTALS **	291.7	23,459	25,309

\*\* QUANTITIES FOR BARRIER RAIL & MEDIAN BARRIER ARE NOT INCLUDED

PROJECT NO. I-5878  
HARNETT COUNTY  
STATION: 1002+79.68 -LREV-

SHEET 1 OF 2



Designed by: Michael Baker Engineering  
4/22/2021

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

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STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
SUPERSTRUCTURE  
BILL OF MATERIAL  
STAGE I

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-22
1			3			TOTAL SHEETS
2			4			34