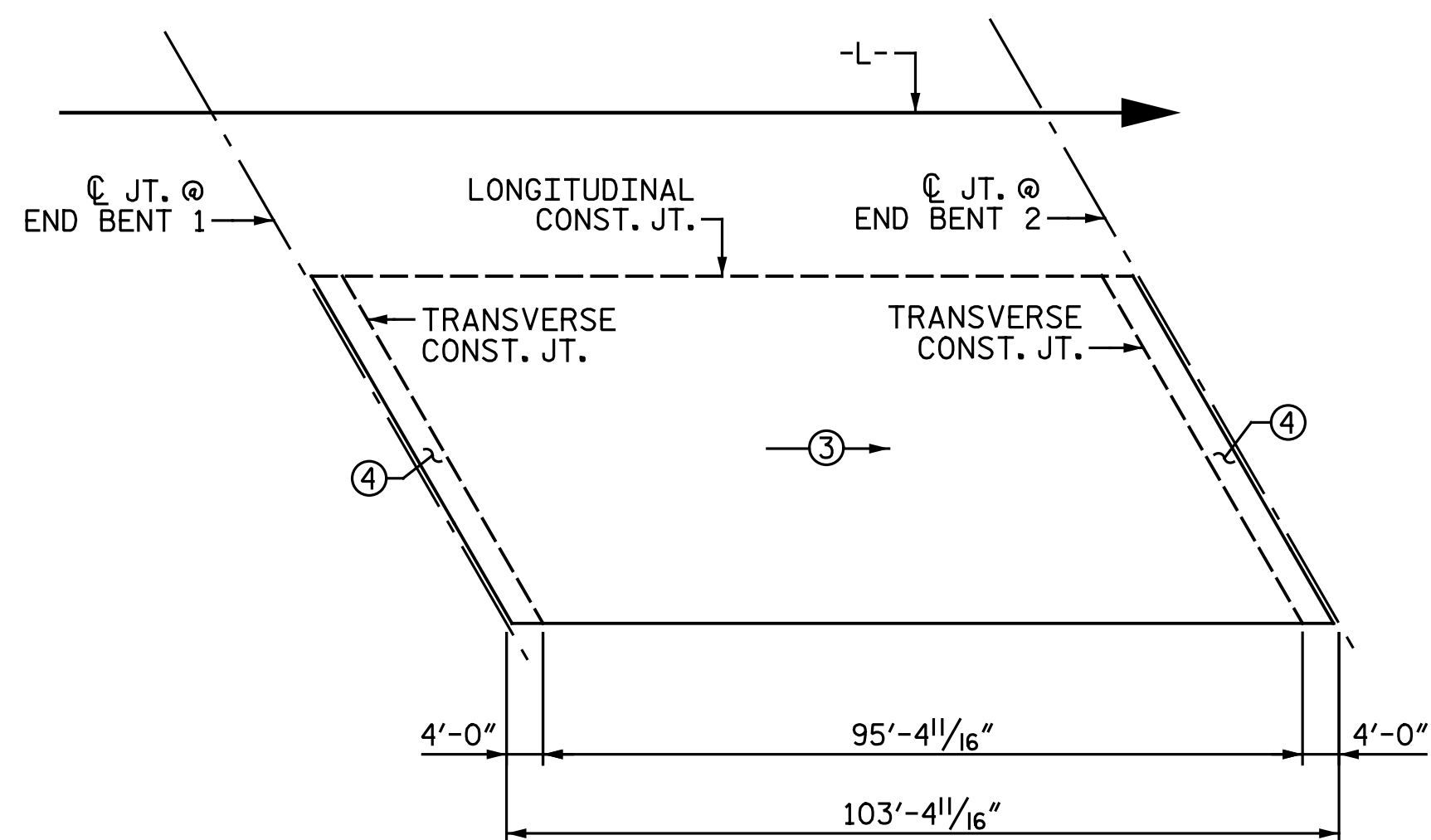


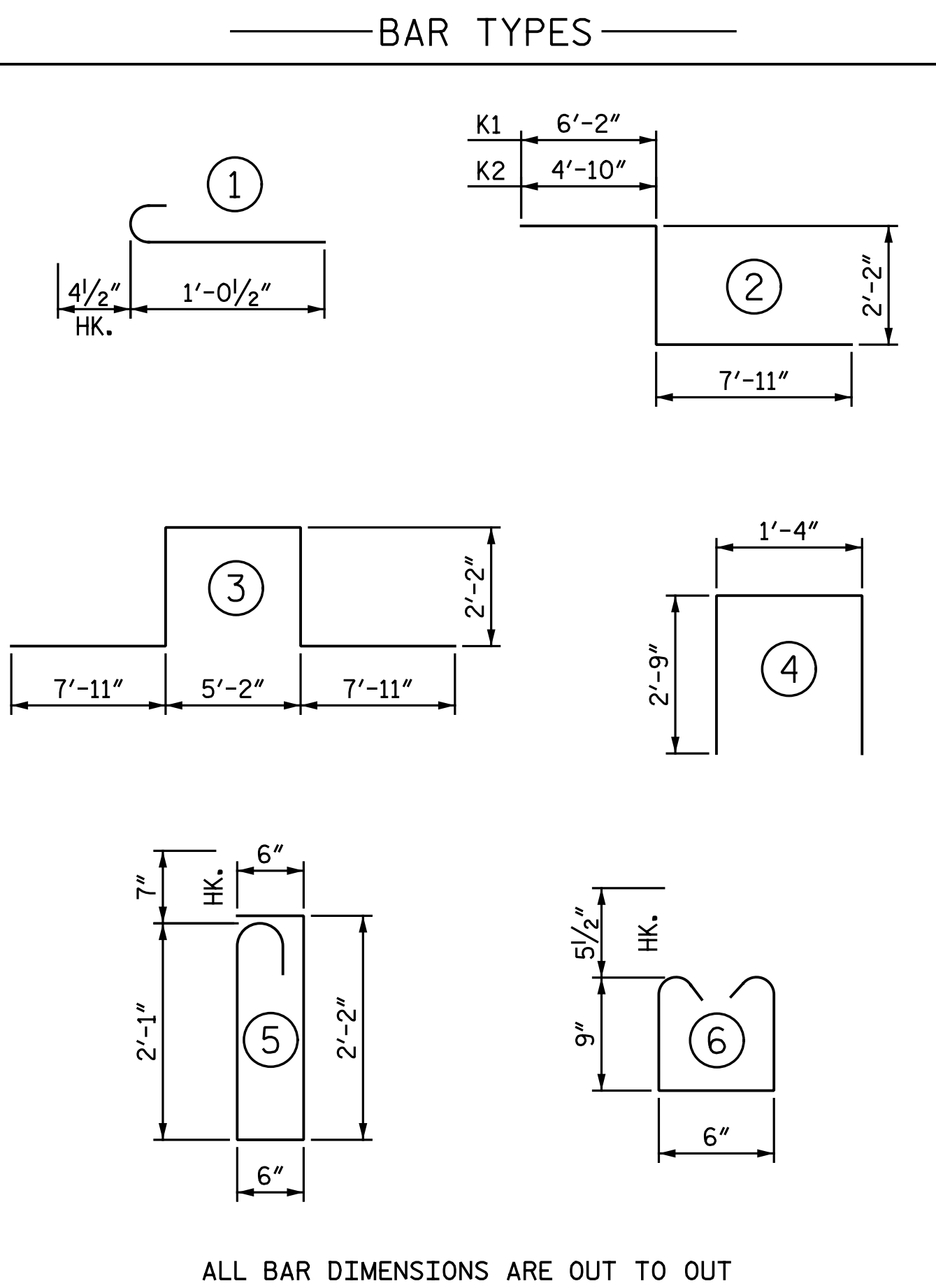
LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB  
(STAGE II SQ. FT. = 4,510)



POURING SEQUENCE

⊕ → DENOTES POUR NUMBER AND DIRECTION

REINFORCING BAR SCHEDULE													
SPAN A - STAGE II													
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT		
* A1	123	#5	STR.	43' - 3"	5,548	A211	2	#5	STR.	32' - 2"	67		
A2	123	#5	STR.	43' - 3"	5,548	A212	2	#5	STR.	31' - 1"	65		
* A3	20	#5	STR.	46' - 11"	979	A213	2	#5	STR.	30' - 0"	63		
						A214	2	#5	STR.	28' - 11"	60		
* A101	2	#5	STR.	43' - 0"	90	A215	2	#5	STR.	27' - 10"	58		
* A102	2	#5	STR.	41' - 11"	87	A216	2	#5	STR.	26' - 9"	56		
* A103	2	#5	STR.	40' - 10"	85	A217	2	#5	STR.	25' - 8"	54		
* A104	2	#5	STR.	39' - 9"	83	A218	2	#5	STR.	24' - 8"	51		
* A105	2	#5	STR.	38' - 8"	81	A219	2	#5	STR.	23' - 7"	49		
* A106	2	#5	STR.	37' - 7"	78	A220	2	#5	STR.	22' - 6"	47		
* A107	2	#5	STR.	36' - 6"	76	A221	2	#5	STR.	21' - 5"	45		
* A108	2	#5	STR.	35' - 5"	74	A222	2	#5	STR.	20' - 4"	42		
* A109	2	#5	STR.	34' - 4"	72	A223	2	#5	STR.	19' - 3"	40		
* A110	2	#5	STR.	33' - 3"	69	A224	2	#5	STR.	18' - 2"	38		
* A111	2	#5	STR.	32' - 2"	67	A225	2	#5	STR.	17' - 1"	36		
* A112	2	#5	STR.	31' - 1"	65	A226	2	#5	STR.	16' - 0"	33		
* A113	2	#5	STR.	30' - 0"	63	A227	2	#5	STR.	14' - 11"	31		
* A114	2	#5	STR.	28' - 11"	60	A228	2	#5	STR.	13' - 10"	29		
* A115	2	#5	STR.	27' - 10"	58	A229	2	#5	STR.	12' - 9"	27		
* A116	2	#5	STR.	26' - 9"	56	A230	2	#5	STR.	11' - 8"	24		
* A117	2	#5	STR.	25' - 8"	54	A231	2	#5	STR.	10' - 7"	22		
* A118	2	#5	STR.	24' - 8"	51	A232	2	#5	STR.	9' - 6"	20		
* A119	2	#5	STR.	23' - 7"	49	A233	2	#5	STR.	8' - 5"	18		
* A120	2	#5	STR.	22' - 6"	47	A234	2	#5	STR.	7' - 4"	15		
* A121	2	#5	STR.	21' - 5"	45	A235	2	#5	STR.	6' - 3"	13		
* A122	2	#5	STR.	20' - 4"	42	A236	2	#5	STR.	5' - 2"	11		
* A123	2	#5	STR.	19' - 3"	40	A237	2	#5	STR.	4' - 1"	9		
* A124	2	#5	STR.	18' - 2"	38	A238	2	#5	STR.	3' - 0"	6		
* A125	2	#5	STR.	17' - 1"	36								
* A126	2	#5	STR.	16' - 0"	33	* B1	90	#4	STR.	35' - 8"	2,144		
* A127	2	#5	STR.	14' - 11"	31	B2	82	#5	STR.	52' - 6"	4,490		
* A128	2	#5	STR.	13' - 10"	29								
* A129	2	#5	STR.	12' - 9"	27	* D1	159	#5	STR.	7' - 0"	1,161		
* A130	2	#5	STR.	11' - 8"	24	D2	159	#5	STR.	6' - 6"	1,078		
* A131	2	#5	STR.	10' - 7"	22	* D3	20	#5	STR.	8' - 6"	177		
* A132	2	#5	STR.	9' - 6"	20								
* A133	2	#5	STR.	8' - 5"	18	* G1	2	#5	STR.	49' - 11"	104		
* A134	2	#5	STR.	7' - 4"	15								
* A135	2	#5	STR.	6' - 3"	13	* J1	94	#4	1	1' - 5"	89		
* A136	2	#5	STR.	5' - 2"	11								
* A137	2	#5	STR.	4' - 1"	9	* K1	4	#8	2	16' - 3"	174		
* A138	2	#5	STR.	3' - 0"	6	* K2	4	#8	2	14' - 11"	159		
						* K3	12	#8	3	25' - 4"	812		
A201	2	#5	STR.	43' - 0"	90	* K4	24	#6	STR.	9' - 2"	330		
A202	2	#5	STR.	41' - 11"	87	* K5	16	#4	STR.	9' - 10"	105		
A203	2	#5	STR.	40' - 10"	85								
A204	2	#5	STR.	39' - 9"	83	* S1	48	#4	4	6' - 10"	219		
A205	2	#5	STR.	38' - 8"	81	* S2	48	#5	5	5' - 10"	292		
A206	2	#5	STR.	37' - 7"	78	* S3	32	#5	6	2' - 11"	97		
A207	2	#5	STR.	36' - 6"	76								
A208	2	#5	STR.	35' - 5"	74								
A209	2	#5	STR.	34' - 4"	72								
A210	2	#5	STR.	33' - 3"	69								
										REINFORCING STEEL		LBS.	12,940
										* EPOXY COATED REINF. STEEL		LBS.	14,214



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
STAGE II	-	12,940	14,214
POUR 3	139.4	-	-
POUR 4	25.0	-	-
TOTALS**	164.4	12,940	14,214

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

PROJECT NO. I-5986B  
JOHNSTON COUNTY  
STATION: 1391+19.65 -L-

SHEET 2 OF 3



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

GROOVING BRIDGE FLOORS STAGE II	
APPROACH SLABS	1,914 SQ.FT.
BRIDGE DECK	4,130 SQ.FT.
TOTAL	6,044 SQ.FT.

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

Michael Baker International  
Michael Baker Engineering  
8000 Regency Parkway, Suite 600  
Cary, North Carolina 27518  
NC License No.: F-1084

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

DRAWN BY: C. E. MAYHEW DATE: 12-10-19  
CHECKED BY: J. M. GARRISON DATE: 4-21-20

TOTAL SHEETS  
44