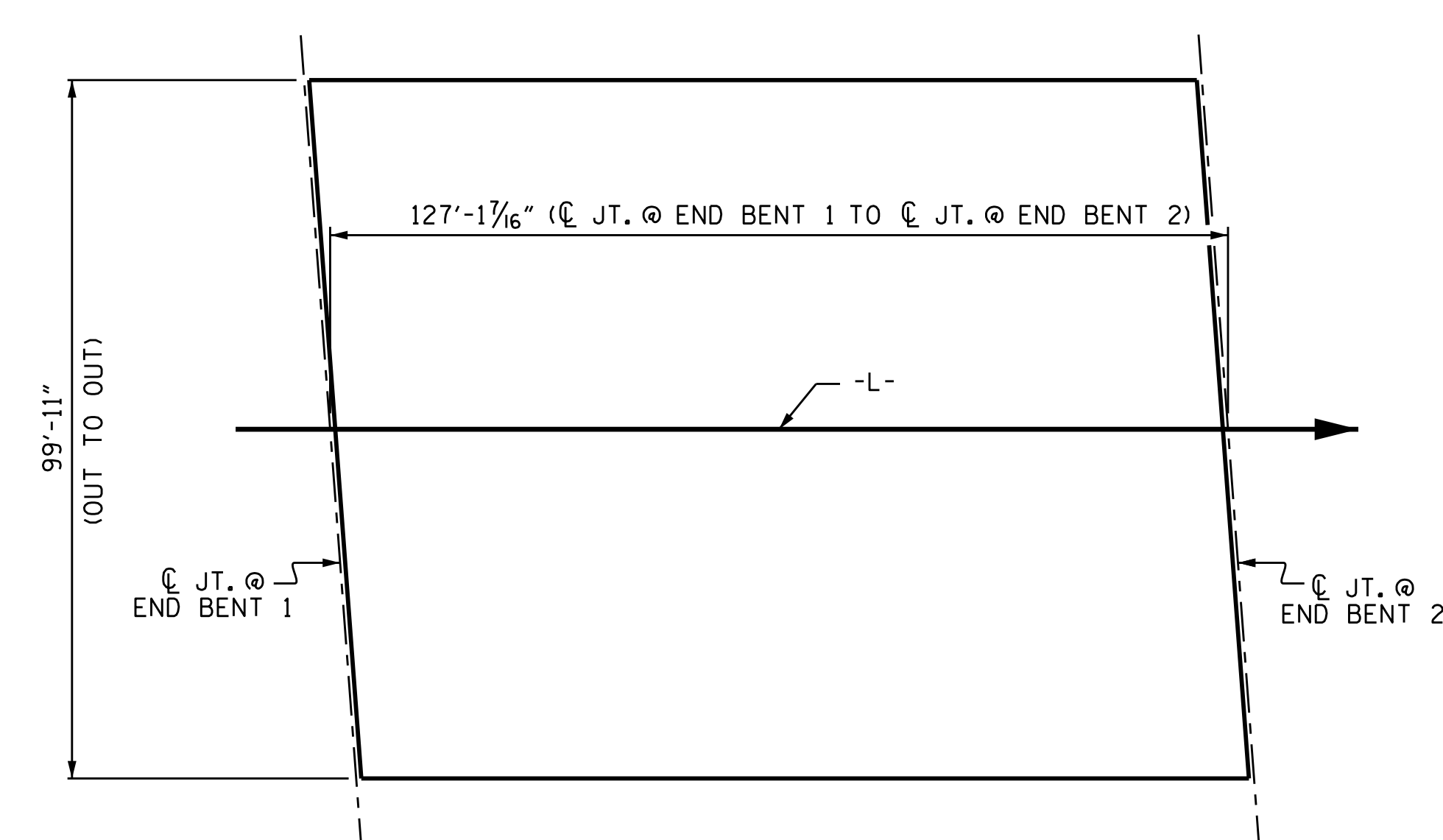
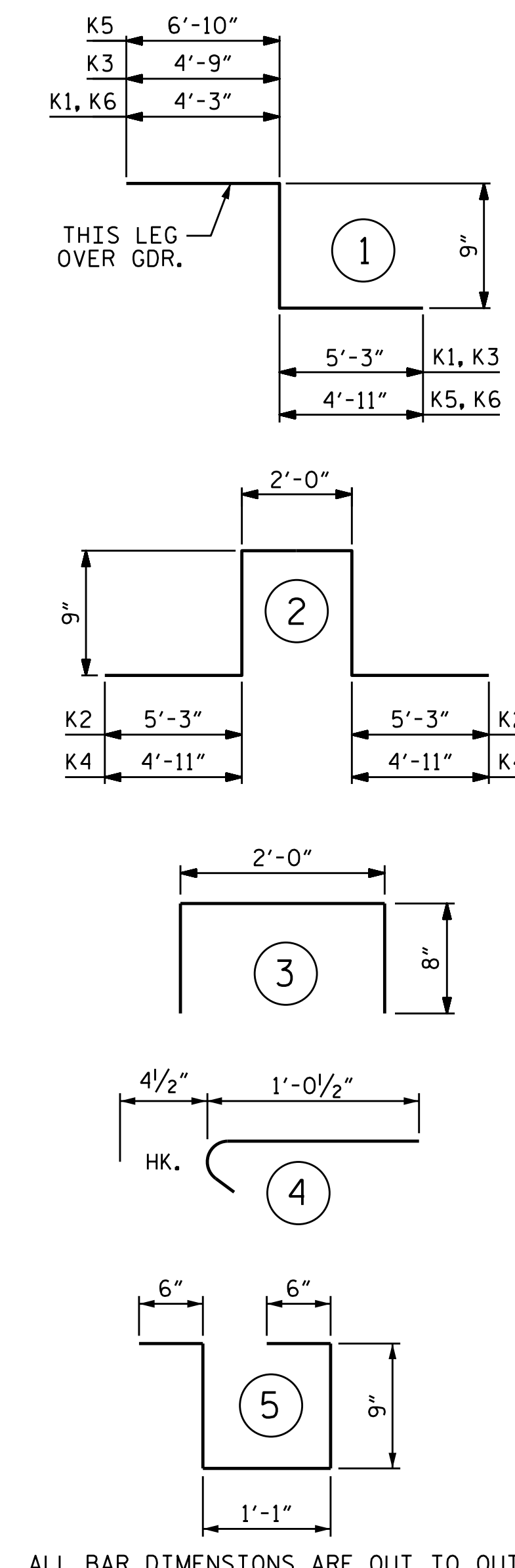


**BILL OF MATERIAL**

STAGE I										STAGE II										STAGE III									
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT						
* A1	486	#5	STR	32'-7"	16516	* D1	252	#6	STR	5'-6"	2082	* A3	247	#5	STR	36'-7"	9425	* K5	4	#5	1	12'-6"	52	* B6	15	#4	STR	26'-10"	269
A2	486	#5	STR	32'-5"	16432							A4	247	#5	STR	36'-7"	9425	* K6	4	#5	1	9'-11"	41	* G4	86	#4	STR	2'-8"	153
* A101	2	#5	STR	57'-4"	120	* G1	4	#5	STR	32'-8"	136	* A301	2	#5	STR	30'-11"	64	* S1	48	#4	5	3'-7"	115	* EPOXY COATED REINFORCING STEEL LBS.			422		
* A102	2	#5	STR	50'-8"	106	* G3	127	#4	STR	5'-1"	431	* A302	2	#5	STR	24'-3"	51												
* A103	2	#5	STR	43'-11"	92	* J1	112	#4	4	1'-5"	106	* A303	2	#5	STR	17'-7"	37												
* A104	2	#5	STR	37'-3"	78							* A304	2	#5	STR	10'-10"	23												
* A105	2	#5	STR	30'-7"	64	* K1	4	#5	1	10'-3"	43	* A305	2	#5	STR	4'-2"	9												
* A106	2	#5	STR	23'-10"	50	* K2	20	#5	2	14'-0"	292	A401	2	#5	STR	35'-9"	75												
* A107	2	#5	STR	17'-2"	36	* K3	4	#5	1	10'-9"	45	A402	2	#5	STR	29'-0"	60												
* A108	2	#5	STR	10'-5"	22	* S1	96	#4	5	3'-7"	230	A403	2	#5	STR	22'-4"	47												
* A109	2	#5	STR	3'-9"	8	* U1	38	#4	3	3'-4"	85	A404	2	#5	STR	15'-7"	33												
A201	4	#5	STR	32'-2"	134							A405	2	#5	STR	8'-11"	19												
A202	2	#5	STR	55'-5"	116	REINFORCING STEEL LBS. 27,486					A406	2	#5	STR	2'-3"	5													
A203	2	#5	STR	48'-9"	102	* EPOXY COATED REINFORCING STEEL LBS. 24,871					* B1	130	#4	STR	27'-0"	2345													
A204	2	#5	STR	42'-0"	88							B2	135	#5	STR	43'-8"	6148												
A205	2	#5	STR	35'-4"	74							* B5	25	#4	STR	27'-0"	451												
A206	2	#5	STR	28'-7"	60							* G2	2	#5	STR	36'-8"	76												
A207	2	#5	STR	21'-11"	46							* G3	127	#4	STR	5'-1"	431												
A208	2	#5	STR	15'-2"	32							* J1	60	#4	4	1'-5"	57												
A209	2	#5	STR	8'-6"	18							* K4	8	#5	2	13'-4"	111												
* B1	215	#4	STR	27'-0"	3878																								
B2	228	#5	STR	43'-8"	10384																								
* B5	25	#4	STR	27'-0"	451																								

**BAR TYPES**



LAYOUT FOR COMPUTING AREA  
OF REINFORCED CONCRETE DECK SLAB  
(SQ. FT. = 12,701)

BAR SIZE	SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS				
	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND SIDEWALK		APPROACH SLABS		PARAPET AND SIDEWALK
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	2'-0"	1'-9"	2'-0"	1'-9"	2'-9"
#5	2'-6"	2'-2"	2'-6"	2'-2"	3'-5"
#6	3'-0"	2'-7"	3'-10"	2'-7"	4'-4"
#7	5'-3"	3'-6"			
#8	6'-10"	4'-7"			

GROOVING BRIDGE FLOOR	
APPROACH SLABS	3,962 SQ. FT.
BRIDGE DECK	10,473 SQ. FT.
TOTAL	14,435 SQ. FT.

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	* EPOXY COATED REINFORCING STEEL (LBS.)
STAGE I	266.7	27,486	24,871
STAGE II	167.9	15,812	13,373
STAGE III	7.1	-	422
TOTAL **	441.7	43,298	38,666

\*\* QUANTITIES FOR PARAPET AND END POSTS ARE NOT INCLUDED



DocuSigned by:  
F246838930BF40E  
3/29/2016

PROJECT NO. B-4490  
CUMBERLAND COUNTY  
STATION: 35+23.40 -L-

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

DRAWN BY : I.L. AVERETTE DATE : 02-15  
CHECKED BY : J.P. ADAMS DATE : 07-15  
DESIGN ENGINEER OF RECORD: I.L. AVERETTE DATE : 09-15

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-73	
1			3			TOTAL SHEETS 84	
2			4				