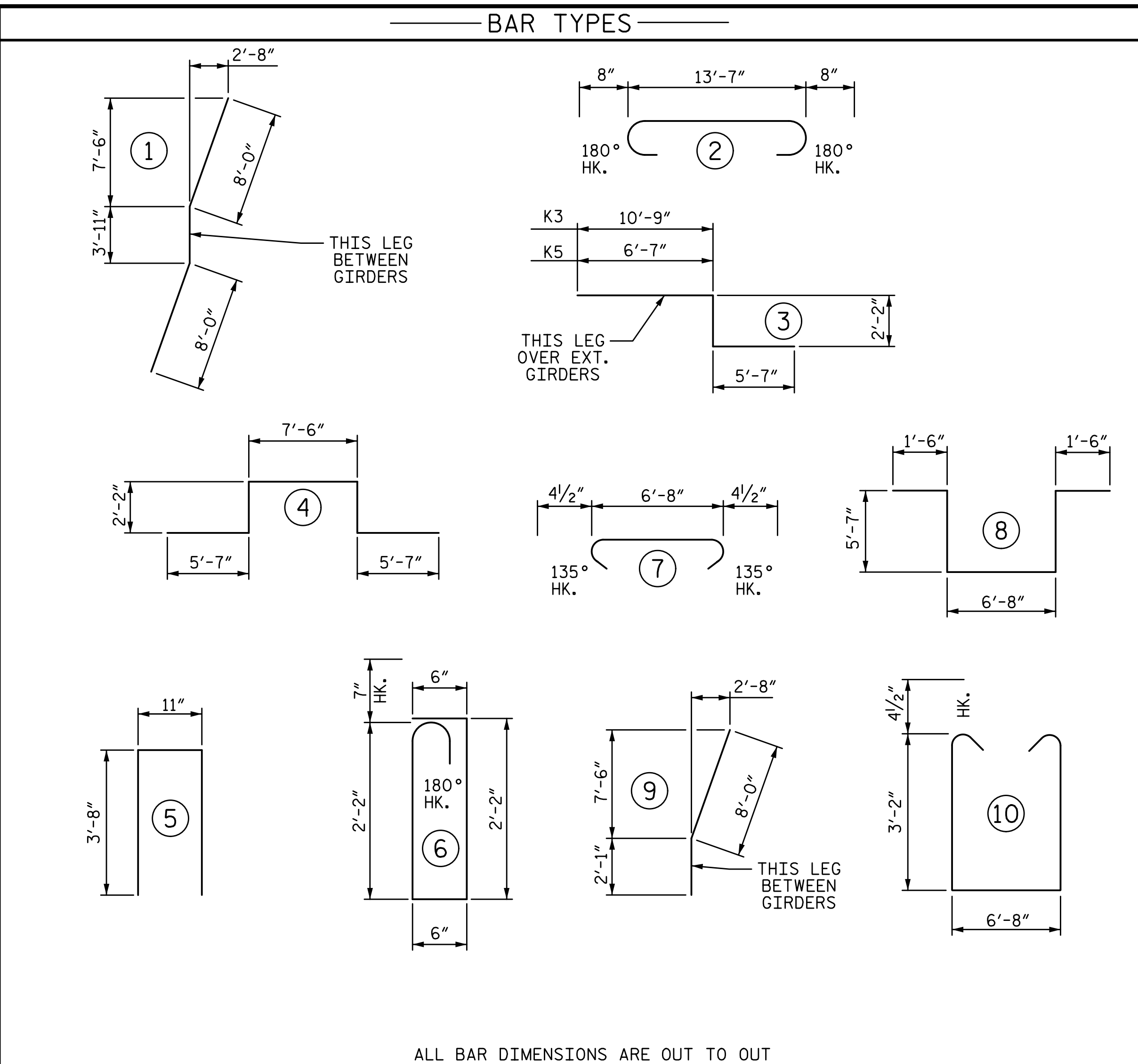


11/21/2022 10:19:00 AM P:\Raleigh\Projects\2018\Division 13 (SEA)\B-5869 (Burke 99)\Structures\Drawings\2\Final\2\B5869_SMU_BM_110099(2).dgn



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL																													
STAGE II																													
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	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	321	#5	STR	48'-5"	16210	* A141	4	#5	STR	17'-5"	73	A220	4	#5	STR	33'-4"	139	A261	4	#5	STR	2'-2"	9	A262	4	#5	STR	1'-5"	6
A2	321	#5	STR	48'-5"	16210	* A142	4	#5	STR	16'-7"	69	A221	4	#5	STR	32'-7"	136												
* A101	4	#5	STR	47'-10"	200	* A143	4	#5	STR	15'-10"	66	A222	4	#5	STR	31'-10"	133												
* A102	4	#5	STR	47'-1"	196	* A144	4	#5	STR	15'-1"	63	A223	4	#5	STR	31'-1"	130	* B1	33	#4	STR	39'-0"	860						
* A103	4	#5	STR	46'-4"	193	* A145	4	#5	STR	14'-4"	60	A224	4	#5	STR	30'-4"	127	* B2	66	#4	STR	22'-11"	1010						
* A104	4	#5	STR	45'-6"	190	* A146	4	#5	STR	13'-7"	57	A225	4	#5	STR	29'-7"	123	* B3	66	#4	STR	25'-0"	1102						
* A105	4	#5	STR	44'-9"	187	* A147	4	#5	STR	12'-10"	54	A226	4	#5	STR	28'-10"	120	* B4	33	#6	STR	11'-8"	578						
* A106	4	#5	STR	44'-0"	184	* A148	4	#5	STR	12'-1"	50	A227	4	#5	STR	28'-0"	117	* B5	33	#6	STR	60'-0"	2974						
* A107	4	#5	STR	43'-3"	180	* A149	4	#5	STR	11'-4"	47	A228	4	#5	STR	27'-3"	114	* B6	64	#6	STR	28'-9"	2764						
* A108	4	#5	STR	42'-6"	177	* A150	4	#5	STR	10'-6"	44	A229	4	#5	STR	26'-6"	111	* B7	64	#6	STR	30'-6"	2932						
* A109	4	#5	STR	41'-9"	174	* A151	4	#5	STR	9'-9"	41	A230	4	#5	STR	25'-9"	107	* B8	33	#6	STR	60'-0"	2974						
* A110	4	#5	STR	41'-0"	171	* A152	4	#5	STR	9'-0"	38	A231	4	#5	STR	25'-0"	104	* B9	33	#6	STR	15'-2"	752						
* A111	4	#5	STR	40'-3"	168	* A153	4	#5	STR	8'-3"	34	A232	4	#5	STR	24'-3"	101	B10	300	#5	STR	54'-0"	16897						
* A112	4	#5	STR	39'-5"	164	* A154	4	#5	STR	7'-6"	31	A233	4	#5	STR	23'-6"	98												
* A113	4	#5	STR	38'-8"	161	* A155	4	#5	STR	6'-9"	28	A234	4	#5	STR	22'-9"	95	* D1	432	#6	STR	6'-9"	4380						
* A114	4	#5	STR	37'-11"	158	* A156	4	#5	STR	6'-0"	25	A235	4	#5	STR	21'-11"	91	D2	432	#6	STR	6'-6"	4218						
* A115	4	#5	STR	37'-2"	155	* A157	4	#5	STR	5'-2"	22	A236	4	#5	STR	21'-2"	88	* D3	6	#6	STR	9'-10"	89						
* A116	4	#5	STR	36'-5"	152	* A158	4	#5	STR	4'-5"	18	A237	4	#5	STR	20'-5"	85												
* A117	4	#5	STR	35'-8"	149	* A159	4	#5	STR	3'-8"	15	A238	4	#5	STR	19'-8"	82	* G1	4	#5	STR	45'-9"	191						
* A118	4	#5	STR	34'-11"	146	* A160	4	#5	STR	2'-11"	12	A239	4	#5	STR	18'-11"	79												
* A119	4	#5	STR	34'-1"	142	* A161	4	#5	STR	2'-2"	9	A240	4	#5	STR	18'-2"	76	K1	40	#6	STR	8'-5"	506						
* A120	4	#5	STR	33'-4"	139	* A162	4	#5	STR	1'-5"	6	A241	4	#5	STR	17'-5"	73	K2	20	#6	2	14'-11"	448						
* A121	4	#5	STR	32'-7"	136	* A163	6	#6	STR	23'-6"	212	A242	4	#5	STR	16'-7"	69	* K3	4	#8	3	18'-6"	198						
* A122	4	#5	STR	31'-10"	133	A201	4	#5	STR	47'-10"	200	A243	4	#5	STR	15'-10"	66	* K4	16	#8	4	23'-0"	983						
* A123	4	#5	STR	31'-1"	130	A202	4	#5	STR	47'-1"	196	A244	4	#5	STR	15'-1"	63	* K5	4	#8	3	14'-4"	153						
* A124	4	#5	STR	30'-4"	127	A203	4	#5	STR	46'-4"	193	A245	4	#5	STR	14'-4"	60	K11	20	#4	STR	11'-0"	147						
* A125	4	#5	STR	29'-7"	123	A204	4	#5	STR	45'-6"	190	A246	4	#5	STR	13'-7"	57	K12	80	#4	STR	13'-11"	744						
* A126	4	#5	STR	28'-10"	120	A205	4	#5	STR	44'-9"	187	A247	4	#5	STR	12'-10"	54	K13	20	#4	STR	8'-5"	112						
* A127	4	#5	STR	28'-0"	117	A206	4	#5	STR	44'-0"	184	A248	4	#5	STR	12'-1"	50												
* A128	4	#5	STR	27'-3"	114	A207	4	#5	STR	43'-3"	180	A249	4	#5	STR	11'-4"	47	* S1	40	#4	5	8'-3"	220						
* A129	4	#5	STR	26'-6"	111	A208	4	#5	STR	42'-6"	177	A250	4	#5	STR	10'-6"	44	* S2	40	#5	6	5'-11"	247						
* A130	4	#5	STR	25'-9"	107	A209	4	#5	STR	41'-9"	174	A251	4	#5	STR	9'-9"	41	S3	360	#4	7	7'-5"	1784						
* A131	4	#5	STR	25'-0"	104	A210	4	#5	STR	41'-0"	171	A252	4	#5	STR	9'-0"	38	* U1	60	#4	8	20'-10"	835						
* A132	4	#5	STR	24'-3"	101	A211	4	#5	STR	40'-3"	168	A253	4	#5	STR	8'-3"	34	* U2	20	#4	10	13'-9"	184						
* A133	4	#5	STR	23'-6"	98	A212	4	#5	STR	39'-5"	164	A254	4	#5	STR	7'-6"	31												
* A134	4	#5	STR	22'-9"	95	A213	4	#5	STR	38'-8"	161	A255	4	#5	STR	6'-9"	28												
* A135	4	#5	STR	21'-11"	91	A214	4	#5	STR	37'-11"	158	A256	4	#5	STR	6'-0"	25	Z1	60	#4	1	19'-11"	798						
* A136	4	#5	STR	21'-2"	88	A215	4	#5	STR	37'-2"	155	A257	4	#5	STR	5'-2"	22	Z2	12	#4	9	10'-1"	81						
* A137	4	#5	STR	20'-5"	85	A216	4	#5	STR	36'-5"	152	A258	4	#5	STR	4'-5"	18												
* A138	4	#5	STR	19'-8"	82	A217	4	#5	STR	35'-8"	149	A259	4	#5	STR	3'-8"	15												
* A139	4	#5	STR	18'-11"	79	A218	4	#5	STR	34'-11"	146	A260	4	#5	STR	2'-11"	12												
* A140	4	#5	STR	18'-2"	76	A219	4	#5	STR	34'-1"	142																		
																						REINFORCING STEEL				48494 LB			
																						* EPOXY COATED REINFORCING STEEL				46029 LB			

* INDICATES EPOXY COATED REINFORCING STEEL

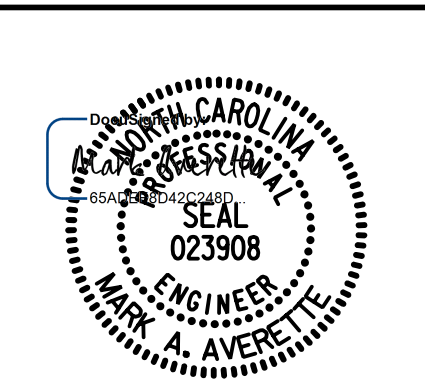
SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS					
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	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"			

GROOVING BRIDGE FLOORS		
APPROACH SLABS	1,908	SQ. FT.
BRIDGE DECK	10,826	SQ. FT.
TOTAL	12,734	SQ. FT.

SUPERSTRUCTURE BILL OF MATERIAL-STAGE II			
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	100.0		
POUR 2	248.9		
POUR 3	172.2		
TOTALS**	521.1	48494	46029

** QUANTITIES FOR VERTICAL BARRIER RAIL AND CONCRETE PARAPET ARE NOT INCLUDED

DRAWN BY: S.D. COOPER DATE: 3-2022
 CHECKED BY: M. AVERETTE DATE: 3-2022
 DESIGN ENGINEER OF RECORD: M. AVERETTE DATE: 3-2022



PROJECT NO. B-5869
 BURKE COUNTY
 STATION: 21+62.39 -L-

SHEET 3 OF 4
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 BILL OF MATERIAL
 STAGE II

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-49
1			3			TOTAL SHEETS
2			4			72

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

LICENSURE NO. C-4434

11/21/2022 7:43 AM EST