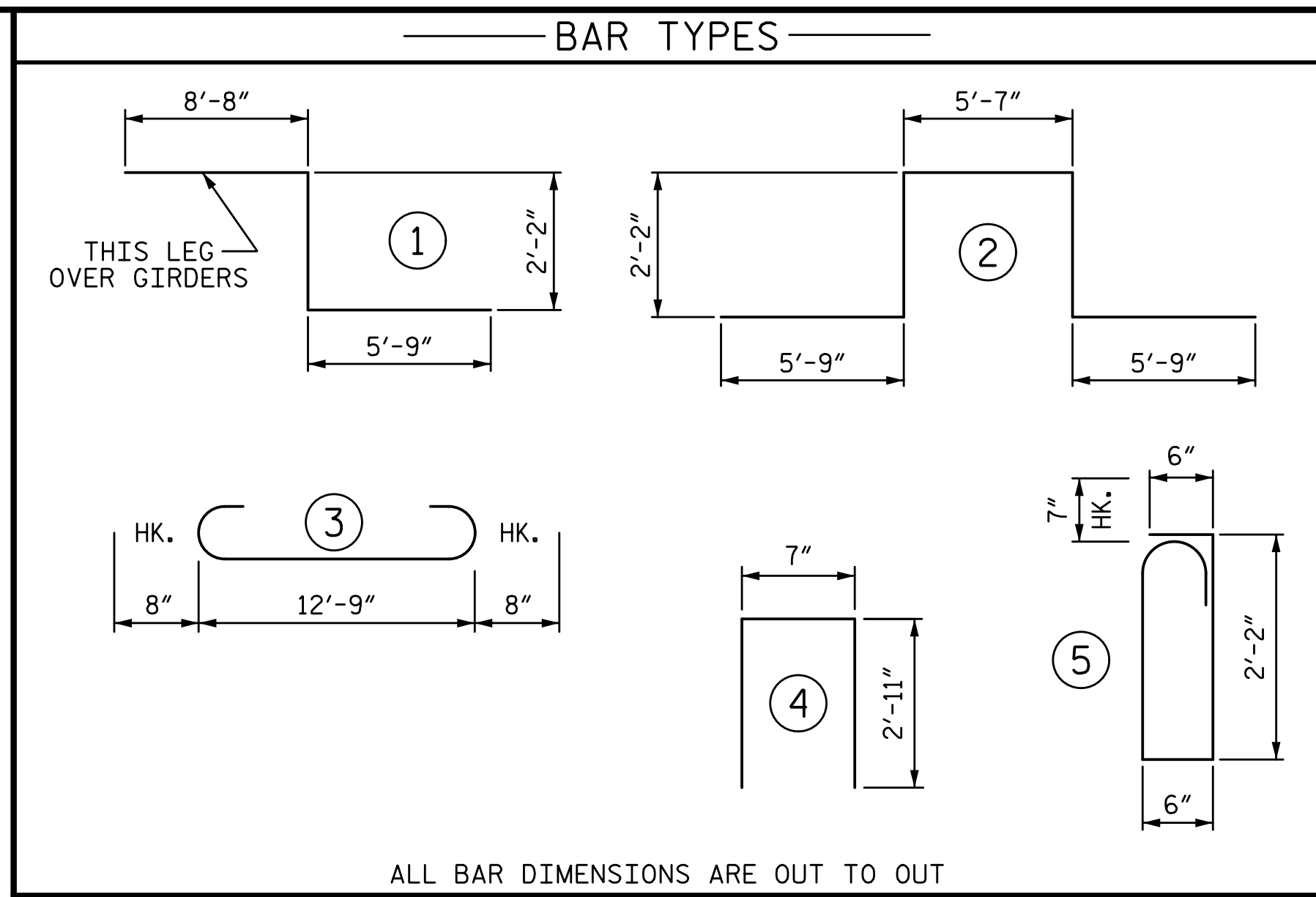


3/21/2022 9:08:54 AM G:\Projects\2020\Division 6 (Mott) Mac - NV5\I-5987B\Structures\Site 7 (Y1B over L)\Drawings\Final\I5987B_SMU_BM.dgn



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"	3'-9"			
#8	4'-9"	3'-2"			

GROOVING BRIDGE FLOORS

APPROACH SLABS	2,017	SQ. FT.
BRIDGE DECK	9,942	SQ. FT.
TOTAL	11,959	SQ. FT.

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	318	#5	STR	48'-5"	16059	* A138	4	#5	STR	4'-3"	18	A238	4	#5	STR	4'-3"	18
A2	318	#5	STR	48'-5"	16059	* A139	4	#5	STR	3'-1"	13	A239	4	#5	STR	3'-1"	13
* A3	6	#6	STR	27'-2"	245	* A140	4	#5	STR	1'-11"	8	A240	4	#5	STR	1'-11"	8
* A101	4	#5	STR	47'-5"	198	A201	4	#5	STR	47'-5"	198	B1	160	#5	STR	43'-1"	7190
* A102	4	#5	STR	46'-3"	193	A202	4	#5	STR	46'-3"	193	B2	40	#5	STR	60'-0"	2503
* A103	4	#5	STR	45'-1"	188	A203	4	#5	STR	45'-1"	188	B3	40	#5	STR	11'-5"	476
* A104	4	#5	STR	43'-11"	183	A204	4	#5	STR	43'-11"	183	B4	34	#5	STR	57'-6"	2039
* A105	4	#5	STR	42'-9"	178	A205	4	#5	STR	42'-9"	178	* B5	198	#4	STR	27'-7"	3648
* A106	4	#5	STR	41'-7"	173	A206	4	#5	STR	41'-7"	173	* B6	33	#5	STR	60'-0"	2065
* A107	4	#5	STR	40'-5"	169	A207	4	#5	STR	40'-5"	169	* B7	33	#5	STR	23'-8"	815
* A108	4	#5	STR	39'-3"	164	A208	4	#5	STR	39'-3"	164	* B8	64	#5	STR	45'-8"	3048
* A109	4	#5	STR	38'-1"	159	A209	4	#5	STR	38'-1"	159	* B9	156	#4	STR	5'-2"	538
* A110	4	#5	STR	36'-11"	154	A210	4	#5	STR	36'-11"	154	* B10	24	#4	STR	31'-0"	497
* A111	4	#5	STR	35'-9"	149	A211	4	#5	STR	35'-9"	149						
* A112	4	#5	STR	34'-7"	144	A212	4	#5	STR	34'-7"	144	* G1	4	#5	STR	35'-7"	148
* A113	4	#5	STR	33'-5"	139	A213	4	#5	STR	33'-5"	139						
* A114	4	#5	STR	32'-3"	135	A214	4	#5	STR	32'-3"	135	* K1	8	#8	1	16'-7"	354
* A115	4	#5	STR	31'-1"	130	A215	4	#5	STR	31'-1"	130	* K2	12	#8	2	21'-5"	686
* A116	4	#5	STR	29'-11"	125	A216	4	#5	STR	29'-11"	125	* K3	16	#6	3	14'-1"	338
* A117	4	#5	STR	28'-9"	120	A217	4	#5	STR	28'-9"	120	* K4	32	#6	STR	8'-7"	413
* A118	4	#5	STR	27'-7"	115	A218	4	#5	STR	27'-7"	115						
* A119	4	#5	STR	26'-5"	110	A219	4	#5	STR	26'-5"	110	* S1	72	#4	4	6'-5"	309
* A120	4	#5	STR	25'-3"	105	A220	4	#5	STR	25'-3"	105	* S2	72	#5	5	5'-11"	444
* A121	4	#5	STR	24'-1"	100	A221	4	#5	STR	24'-1"	100						
* A122	4	#5	STR	22'-11"	96	A222	4	#5	STR	22'-11"	96						
* A123	4	#5	STR	21'-9"	91	A223	4	#5	STR	21'-9"	91						
* A124	4	#5	STR	20'-7"	86	A224	4	#5	STR	20'-7"	86						
* A125	4	#5	STR	19'-5"	81	A225	4	#5	STR	19'-5"	81						
* A126	4	#5	STR	18'-3"	76	A226	4	#5	STR	18'-3"	76						
* A127	4	#5	STR	17'-1"	71	A227	4	#5	STR	17'-1"	71						
* A128	4	#5	STR	15'-11"	66	A228	4	#5	STR	15'-11"	66						
* A129	4	#5	STR	14'-9"	62	A229	4	#5	STR	14'-9"	62						
* A130	4	#5	STR	13'-7"	57	A230	4	#5	STR	13'-7"	57						
* A131	4	#5	STR	12'-5"	52	A231	4	#5	STR	12'-5"	52						
* A132	4	#5	STR	11'-3"	47	A232	4	#5	STR	11'-3"	47						
* A133	4	#5	STR	10'-1"	42	A233	4	#5	STR	10'-1"	42						
* A134	4	#5	STR	8'-11"	37	A234	4	#5	STR	8'-11"	37						
* A135	4	#5	STR	7'-9"	32	A235	4	#5	STR	7'-9"	32						
* A136	4	#5	STR	6'-7"	27	A236	4	#5	STR	6'-7"	27						
* A137	4	#5	STR	5'-5"	23	A237	4	#5	STR	5'-5"	23						

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	CY	LB	LB
POUR 1	329.9	--	--
POUR 2	30.0	--	--
MEDIAN	13.0	--	--
TOTAL **	372.9	32,383	33,723

** QUANTITIES FOR CONCRETE BARRIER RAIL ARE NOT INCLUDED

PROJECT NO. I-5987B
ROBESON COUNTY
 STATION: 29+51.04 -Y1B-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE

BILL OF MATERIAL



DRAWN BY: T. BANKOVICH	DATE: 3-22
CHECKED BY: D.A. SEALEY	DATE: 3-22
DESIGN ENGINEER OF RECORD: D.A. SEALEY	DATE: 3-22

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S7-25
1			3			TOTAL SHEETS
2			4			37

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED