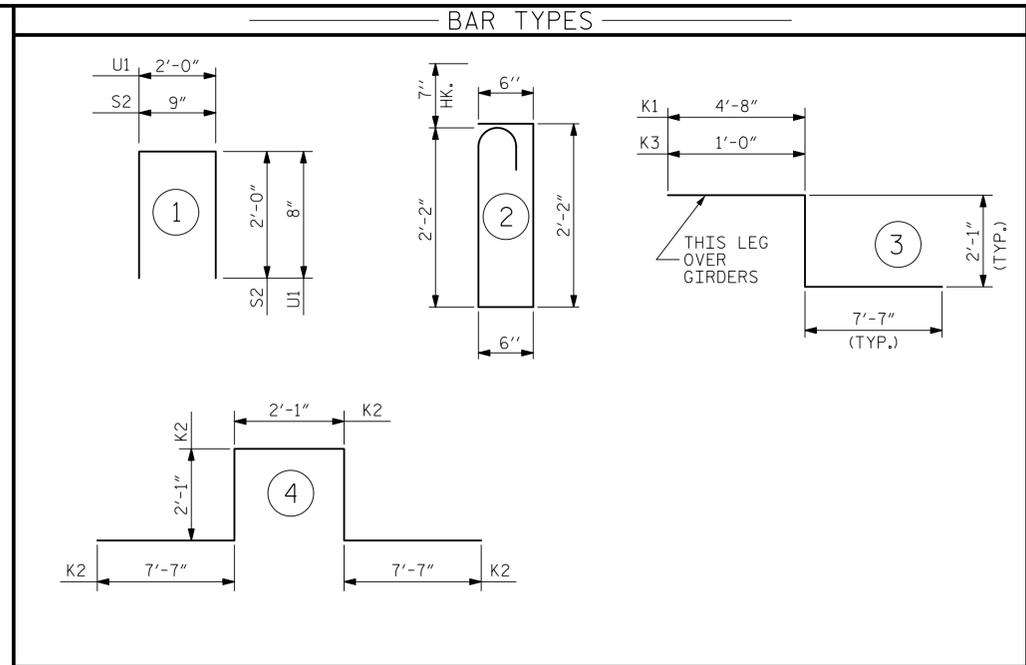


DATE: 1/19/2023
TIME: 10:03:35 AM

USER: rmuench
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REINFORCING BAR SCHEDULE																									
STAGE I							STAGE II																		
BAR	No.	SIZE	TYPE	LENGTH	WEIGHT	BAR	No.	SIZE	TYPE	LENGTH	WEIGHT	BAR	No.	SIZE	TYPE	LENGTH	WEIGHT								
* A1	284	5	STR	39'-10"	11799	A216	2	5	STR	14'-0"	29	* A3	318	5	STR	12'-1"	4008								
A2	284	5	STR	39'-10"	11799	A217	2	5	STR	14'-10"	31	A4	318	5	STR	12'-1"	4008								
* A5	6	6	STR	14'-4"	129	A218	2	5	STR	15'-8"	33	* A5	3	6	STR	14'-4"	65								
						A219	2	5	STR	16'-6"	34														
* A101	2	5	STR	1'-9"	4	A220	2	5	STR	17'-4"	36	* A301	2	5	STR	1'-6"	3								
* A102	2	5	STR	2'-7"	5	A221	2	5	STR	18'-1"	38	* A302	2	5	STR	2'-4"	5								
* A103	2	5	STR	3'-5"	7	A222	2	5	STR	18'-11"	39	* A303	2	5	STR	3'-2"	7								
* A104	2	5	STR	4'-3"	9	A223	2	5	STR	19'-9"	41	* A304	2	5	STR	4'-0"	8								
* A105	2	5	STR	5'-1"	11	A224	2	5	STR	20'-7"	43	* A305	2	5	STR	4'-10"	10								
* A106	2	5	STR	5'-10"	12	A225	2	5	STR	21'-5"	45	* A306	2	5	STR	5'-8"	12								
* A107	2	5	STR	6'-8"	14	A226	2	5	STR	22'-2"	46	* A307	2	5	STR	6'-5"	13								
* A108	2	5	STR	7'-6"	16	A227	2	5	STR	23'-0"	48	* A308	2	5	STR	7'-3"	15								
* A109	2	5	STR	8'-4"	17	A228	2	5	STR	23'-10"	50	* A309	2	5	STR	8'-1"	17								
* A110	2	5	STR	9'-2"	19	A229	2	5	STR	24'-8"	51	* A310	2	5	STR	8'-11"	19								
* A111	2	5	STR	9'-11"	21	A230	2	5	STR	25'-6"	53	* A311	2	5	STR	9'-9"	20								
* A112	2	5	STR	10'-9"	22	A231	2	5	STR	26'-3"	55	* A312	2	5	STR	10'-7"	22								
* A113	2	5	STR	11'-7"	24	A232	2	5	STR	27'-1"	56	* A313	2	5	STR	11'-5"	24								
* A114	2	5	STR	12'-5"	26	A233	2	5	STR	27'-11"	58	* A314	6	5	STR	3'-6"	22								
* A115	2	5	STR	13'-3"	28	A234	2	5	STR	28'-9"	60														
* A116	2	5	STR	14'-0"	29	A235	2	5	STR	29'-7"	62	A401	2	5	STR	1'-6"	3								
* A117	2	5	STR	14'-10"	31	A236	2	5	STR	30'-4"	63	A402	2	5	STR	2'-4"	5								
* A118	2	5	STR	15'-8"	33	A237	2	5	STR	31'-2"	65	A403	2	5	STR	3'-2"	7								
* A119	2	5	STR	16'-6"	34	A238	2	5	STR	32'-0"	67	A404	2	5	STR	4'-0"	8								
* A120	2	5	STR	17'-4"	36	A239	2	5	STR	32'-10"	68	A405	2	5	STR	4'-10"	10								
* A121	2	5	STR	18'-1"	38	A240	2	5	STR	33'-8"	70	A406	2	5	STR	5'-8"	12								
* A122	2	5	STR	18'-11"	39	A241	2	5	STR	34'-5"	72	A407	2	5	STR	6'-5"	13								
* A123	2	5	STR	19'-9"	41	A242	2	5	STR	35'-3"	74	A408	2	5	STR	7'-3"	15								
* A124	2	5	STR	20'-7"	43	A243	2	5	STR	36'-1"	75	A409	2	5	STR	8'-1"	17								
* A125	2	5	STR	21'-5"	45	A244	2	5	STR	36'-11"	77	A410	2	5	STR	8'-11"	19								
* A126	2	5	STR	22'-2"	46	A245	2	5	STR	37'-9"	79	A411	2	5	STR	9'-9"	20								
* A127	2	5	STR	23'-0"	48	A246	2	5	STR	38'-7"	80	A412	2	5	STR	10'-7"	22								
* A128	2	5	STR	23'-10"	50	A247	2	5	STR	39'-5"	82	A413	2	5	STR	11'-5"	24								
* A129	2	5	STR	24'-8"	51							A414	6	5	STR	3'-6"	22								
* A130	2	5	STR	25'-6"	53	* B1	56	4	STR	29'-3"	1094														
* A131	2	5	STR	26'-3"	55	* B2	56	4	STR	32'-3"	1206	* B1	26	4	STR	29'-3"	508								
* A132	2	5	STR	27'-1"	56	* B3	84	5	STR	23'-6"	2059	* B2	26	4	STR	32'-3"	560								
* A133	2	5	STR	27'-11"	58	* B4	79	5	STR	40'-6"	3337	* B3	39	5	STR	23'-6"	959								
* A134	2	5	STR	28'-9"	60	B5	176	5	STR	46'-9"	8582	* B4	32	5	STR	40'-6"	1352								
* A135	2	5	STR	29'-7"	62	B6	16	5	STR	46'-3"	1881	B5	76	5	STR	46'-9"	3706								
* A136	2	5	STR	30'-4"	63	* B7	35	4	STR	27'-6"	643	B6	16	5	STR	46'-3"	772								
* A137	2	5	STR	31'-2"	65							* B7	35	4	STR	27'-6"	643								
* A138	2	5	STR	32'-0"	67	* D1	328	5	STR	6'-8"	2281														
* A139	2	5	STR	32'-10"	68	D2	328	5	STR	6'-4"	2167	* D1	327	5	STR	6'-8"	2274								
* A140	2	5	STR	33'-8"	70							D2	327	5	STR	6'-4"	2160								
* A141	2	5	STR	34'-5"	72	* G1	2	5	STR	47'-8"	99														
* A142	2	5	STR	35'-3"	74	* G4	176	4	STR	5'-1"	598	* G2	2	5	STR	14'-6"	30								
* A143	2	5	STR	36'-1"	75	* G5	6	4	STR	5'-4"	21	* G3	2	5	STR	5'-4"	11								
* A144	2	5	STR	36'-11"	77							* G4	176	4	STR	5'-1"	598								
* A145	2	5	STR	37'-9"	79	* K1	4	8	3	14'-4"	153	* G5	6	4	STR	5'-4"	21								
* A146	2	5	STR	38'-7"	80	* K2	12	8	4	22'-1"	708														
* A147	2	5	STR	39'-5"	82	* K3	4	8	3	10'-8"	114														
						K4	24	6	STR	8'-4"	300	* K1	4	8	3	14'-4"	153								
A201	2	5	STR	1'-9"	4							* K3	4	8	3	10'-8"	114								
A202	2	5	STR	2'-7"	5	S1	64	5	2	5'-11"	395	K4	6	6	STR	8'-4"	75								
A203	2	5	STR	3'-5"	7	S2	64	4	1	4'-9"	203	K5	4	8	STR	3'-4"	36								
A204	2	5	STR	4'-3"	9							K6	6	6	STR	3'-4"	30								
A205	2	5	STR	5'-1"	11	* U1	52	4	1	3'-4"	116														
A206	2	5	STR	5'-10"	12							S1	22	5	2	5'-11"	136								
A207	2	5	STR	6'-8"	14							S2	22	4	1	4'-9"	70								
A208	2	5	STR	7'-6"	16																				
A209	2	5	STR	8'-4"	17							* U1	52	4	1	3'-4"	116								
A210	2	5	STR	9'-2"	19																				
A211	2	5	STR	9'-11"	21																				
A212	2	5	STR	10'-9"	22																				
A213	2	5	STR	11'-7"	24																				
A214	2	5	STR	12'-5"	26																				
A215	2	5	STR	13'-3"	28																				
TOTAL REINFORCING STEEL											LBS.	26,523	TOTAL REINFORCING STEEL											LBS.	11,262
*TOTAL EPOXY COATED REINFORCING STEEL											LBS.	27,763	*TOTAL EPOXY COATED REINFORCING STEEL											LBS.	12,189



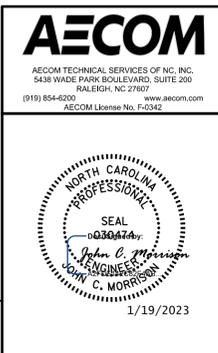
SUPERSTRUCTURE BILL OF MATERIAL				
		CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
		(CU. YDS.)	(LBS.)	(LBS.)
STAGE I	POUR #1	204.8	---	---
	POUR #2	26.3	---	---
	POUR #3	9.0	---	---
	* SIDEWALK	22.2	---	---
	TOTAL	262.3	26,523	27,763
STAGE II	POUR #4	65.4	---	---
	POUR #5	8.4	---	---
	POUR #6	31.7	---	---
	POUR #7	3.4	---	---
	* SIDEWALK	22.2	---	---
	TOTAL	131.1	11,262	12,189
TOTALS**		393.4	37,785	39,952

* ONLY SIDEWALK QUANTITIES FOR SIDEWALK ON BRIDGE DECK INCLUDED.
**QUANTITIES FOR CLASSIC CONCRETE BRIDGE RAIL ARE NOT INCLUDED.

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"			

PROJECT NO. B-4654
WAKE COUNTY
 STATION: 22+71.80 -L-

SHEET 1 OF 2



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

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

SHEET NO. S-31
 TOTAL SHEETS 49

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DRAWN BY: K. MUENCH DATE: 05/2022
 CHECKED BY: J.C. MORRISON DATE: 05/2022
 DESIGNED BY: D. RITACCO DATE: 05/2022
 DESIGN CHECKED BY: J.C. MORRISON DATE: 05/2022