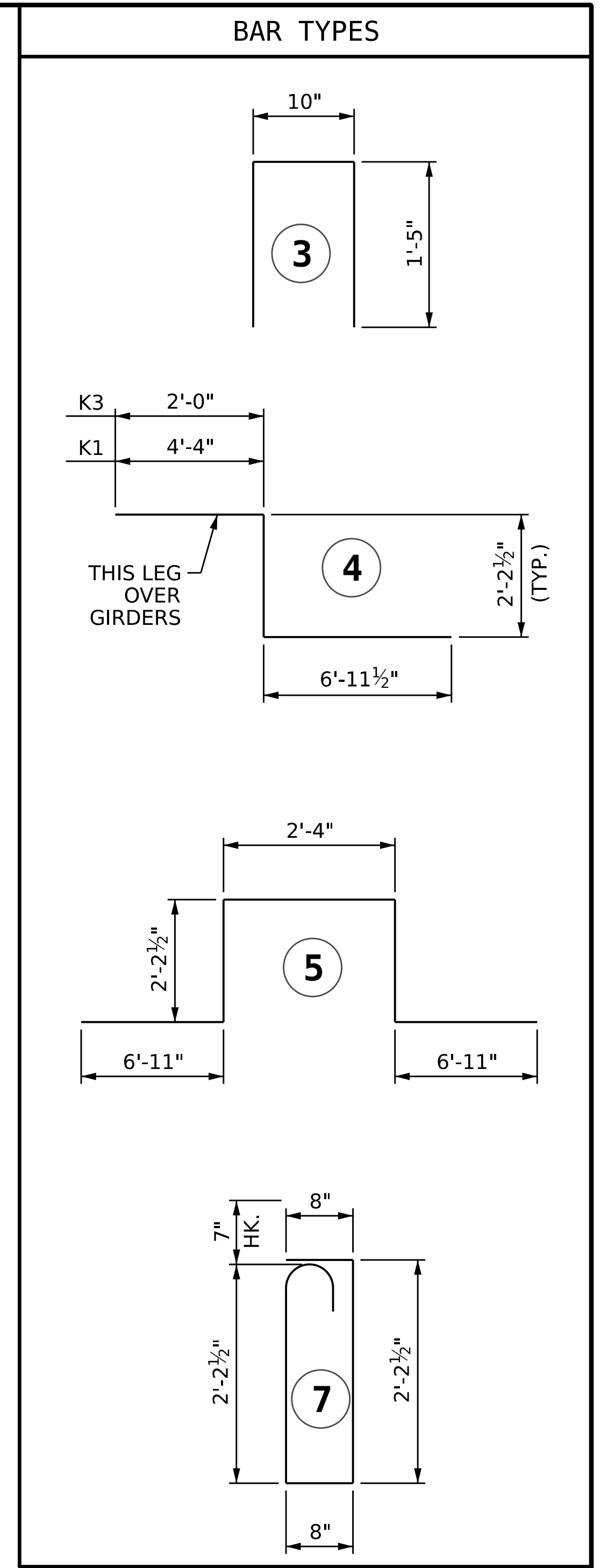


REINFORCING BAR SCHEDULE

STAGE I												STAGE II										STAGE II CLOSURE POUR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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	352	5	STR	35'-8"	13095	A215	2	5	STR	19'-11"	42	* A3	345	5	STR	44'-2"	15893	A408	2	5	STR	36'-3"	76	* B1	12	4	STR	30'-6"	244	A2	352	5	STR	35'-8"	13095	A216	2	5	STR	18'-9"	39	A4	345	5	STR	44'-2"	15893	A409	2	5	STR	35'-1"	73	* B2	9	6	STR	23'-2"	313	A217	2	5	STR	17'-7"	37	A410	2	5	STR	34'-0"	71	* B3	4	6	STR	39'-10"	239	* A101	2	5	STR	34'-10"	73	A218	2	5	STR	16'-5"	34	* A301	2	5	STR	43'-1"	90	A411	2	5	STR	32'-10"	68	B4	20	5	STR	45'-6"	949	* A102	2	5	STR	33'-8"	70	A219	2	5	STR	15'-4"	32	* A302	2	5	STR	41'-11"	87	A412	2	5	STR	31'-8"	66	B5	8	4	STR	23'-8"	126	* A103	2	5	STR	32'-6"	68	A220	2	5	STR	14'-2"	30	* A303	2	5	STR	40'-10"	85	A413	2	5	STR	30'-6"	64	* A104	2	5	STR	31'-4"	65	A221	2	5	STR	13'-0"	27	* A304	2	5	STR	39'-8"	83	A414	2	5	STR	29'-4"	61	* G3	2	5	STR	5'-1"	11	* A105	2	5	STR	30'-2"	63	A222	2	5	STR	11'-10"	25	* A305	2	5	STR	38'-6"	80	A415	2	5	STR	28'-2"	59	* A106	2	5	STR	29'-1"	61	A223	2	5	STR	10'-8"	22	* A306	2	5	STR	37'-4"	78	A416	2	5	STR	27'-1"	56	K6	4	8	STR	4'-5"	47	* A107	2	5	STR	27'-11"	58	A224	2	5	STR	9'-6"	20	* A307	2	5	STR	36'-2"	75	A417	2	5	STR	25'-11"	54	K7	6	6	STR	3'-3"	29	* A108	2	5	STR	26'-9"	56	A225	2	5	STR	8'-5"	18	* A308	2	5	STR	35'-10"	73	A418	2	5	STR	24'-9"	52	* A109	2	5	STR	25'-7"	53	A226	2	5	STR	7'-3"	15	* A309	2	5	STR	33'-11"	71	A419	2	5	STR	23'-7"	49	* S1	6	5	7	6'-4"	40	* A110	2	5	STR	24'-5"	51	A227	2	5	STR	6'-1"	13	* A310	2	5	STR	32'-9"	68	A420	2	5	STR	22'-5"	47	* S2	6	4	3	3'-8"	15	* A111	2	5	STR	23'-3"	48	A228	2	5	STR	4'-11"	10	* A311	2	5	STR	31'-7"	66	A421	2	5	STR	21'-3"	44	* A112	2	5	STR	22'-2"	46	A229	2	5	STR	3'-9"	8	* A312	2	5	STR	30'-5"	63	A422	2	5	STR	20'-2"	42	* A113	2	5	STR	21'-0"	44	* A313	2	5	STR	29'-3"	61	A423	2	5	STR	19'-0"	40	* A114	2	5	STR	19'-10"	41	* B1	100	4	STR	30'-6"	2037	* A314	2	5	STR	28'-1"	59	A424	2	5	STR	17'-10"	37	* A115	2	5	STR	18'-8"	39	* B2	75	6	STR	23'-2"	2610	* A315	2	5	STR	26'-11"	56	A425	2	5	STR	16'-8"	35	* A116	2	5	STR	17'-6"	37	* B3	47	6	STR	39'-10"	2812	* A316	2	5	STR	25'-10"	54	A426	2	5	STR	15'-6"	32	* A117	2	5	STR	16'-4"	34	B4	184	5	STR	45'-6"	8732	* A317	2	5	STR	24'-8"	51	A427	2	5	STR	14'-4"	30	* A118	2	5	STR	15'-3"	32	B5	84	4	STR	23'-8"	1328	* A318	2	5	STR	23'-6"	49	A428	2	5	STR	13'-2"	27	* A119	2	5	STR	14'-1"	29	* A319	2	5	STR	22'-4"	47	A429	2	5	STR	12'-1"	25	* A120	2	5	STR	12'-11"	27	* D1	382	5	STR	5'-4"	2125	* A320	2	5	STR	21'-2"	44	A430	2	5	STR	10'-11"	23	* A121	2	5	STR	11'-9"	25	D2	382	5	STR	4'-9"	1893	* A321	2	5	STR	20'-0"	42	A431	2	5	STR	9'-9"	20	* A122	2	5	STR	10'-7"	22	* A322	2	5	STR	18'-11"	39	A432	2	5	STR	8'-7"	18	* A123	2	5	STR	9'-5"	20	* G1	2	5	STR	38'-5"	80	* A323	2	5	STR	17'-9"	37	A433	2	5	STR	7'-5"	15	* A124	2	5	STR	8'-4"	17	* A324	2	5	STR	16'-7"	35	A434	2	5	STR	6'-3"	13	* A125	2	5	STR	7'-2"	15	* K1	4	8	4	13'-6"	144	* A325	2	5	STR	15'-5"	32	A435	2	5	STR	5'-2"	11	* A126	2	5	STR	6'-0"	13	* K2	8	8	5	20'-7"	440	* A326	2	5	STR	14'-3"	30	A436	2	5	STR	4'-0"	8	* A127	2	5	STR	4'-10"	10	* K3	4	8	4	11'-2"	119	* A327	2	5	STR	13'-1"	27	* A128	2	5	STR	3'-8"	8	* K4	18	6	STR	9'-1"	246	* A328	2	5	STR	12'-0"	25	* B1	124	4	STR	30'-6"	2526	* A129	2	5	STR	2'-6"	5	* A329	2	5	STR	10'-10"	23	* B2	93	6	STR	23'-2"	3236	* A201	2	5	STR	35'-8"	74	* S1	54	5	7	6'-4"	357	* A330	2	5	STR	9'-8"	20	* B3	58	6	STR	39'-10"	3470	* A202	2	5	STR	34'-11"	73	* S2	54	4	3	3'-8"	132	* A331	2	5	STR	8'-6"	18	B4	224	5	STR	45'-6"	10630	* A203	2	5	STR	33'-9"	70	* A332	2	5	STR	7'-4"	15	B5	102	4	STR	23'-8"	1613	* A204	2	5	STR	32'-7"	68	* A333	2	5	STR	6'-2"	13	* A205	2	5	STR	31'-5"	66	* A334	2	5	STR	5'-1"	11	* D1	382	5	STR	5'-4"	2125	* A206	2	5	STR	30'-3"	63	* A335	2	5	STR	3'-11"	8	D2	382	5	STR	4'-9"	1893	* A207	2	5	STR	29'-2"	61	* A336	2	5	STR	2'-9"	6	* G2	2	5	STR	47'-6"	99	* A208	2	5	STR	28'-0"	58	A401	2	5	STR	44'-1"	92	* K1	4	8	4	13'-6"	144	* A209	2	5	STR	26'-10"	56	A402	2	5	STR	43'-2"	90	* K2	12	8	5	20'-7"	659	* A210	2	5	STR	25'-8"	54	A403	2	5	STR	42'-0"	88	* K3	4	8	4	11'-2"	119	* A211	2	5	STR	24'-6"	51	A404	2	5	STR	40'-11"	85	* K5	24	6	STR	8'-7"	309	* A212	2	5	STR	23'-4"	49	A405	2	5	STR	39'-9"	83	* A213	2	5	STR	22'-3"	46	A406	2	5	STR	38'-7"	80	* S1	72	5	7	6'-4"	476	* A214	2	5	STR	21'-1"	44	A407	2	5	STR	37'-5"	78	* S2	72	4	3	3'-8"	176
TOTAL REINFORCING STEEL												LBS.	26253	TOTAL REINFORCING STEEL										LBS.	31841	TOTAL REINFORCING STEEL						LBS.	1151																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
* TOTAL EPOXY COATED REINFORCING STEEL												LBS.	25327	* TOTAL EPOXY COATED REINFORCING STEEL										LBS.	30953	* TOTAL EPOXY COATED REINFORCING STEEL						LBS.	862																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						



**GROOVING BRIDGE FLOORS**

APPROACH SLABS	3170	SQ. FT.
BRIDGE DECK	11753	SQ. FT.
TOTAL	14923	SQ. FT.

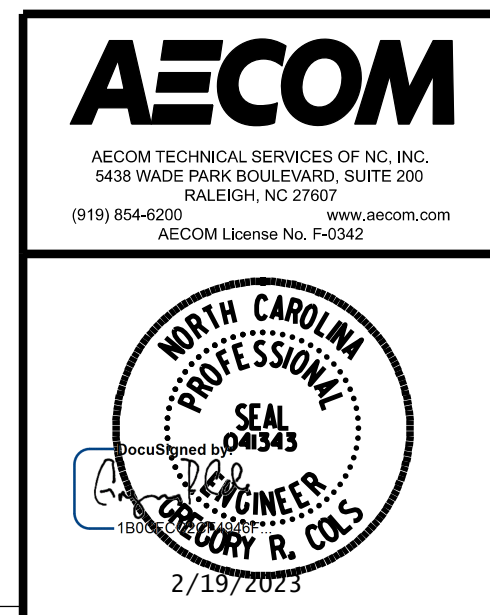
**SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS**

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"			

**SUPERSTRUCTURE BILL OF MATERIAL**

STAGE I	POUR #	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
		(CU. YDS)	(LBS.)	(LBS.)
STAGE I	POUR #1	191.9		
	POUR #2	22.4		
	TOTAL		26,253	25,327
STAGE II & CLOSURE POUR	POUR #3	237.1		
	POUR #4	27.7		
	POUR #5	20.64		
	TOTAL		32,992	31,815
	TOTALS *	499.74	59,245	57,142

PROJECT NO. BR-0041  
ROCKINGHAM COUNTY  
 STATION: POT 34+73.00 -L-



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUPERSTRUCTURE  
**BILL OF MATERIALS**

REVISIONS						SHEET NO. S1-30
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 48
2			4			

DRAWN BY: B.T. LEROY DATE: 11/2022  
 CHECKED BY: S. NATARAJAN DATE: 11/2022  
 DESIGN ENGINEER OF RECORD: G. COLS DATE: 12/2022

\* SIDEWALK AND MEDIAN QUANTITIES ARE NOT INCLUDED.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED