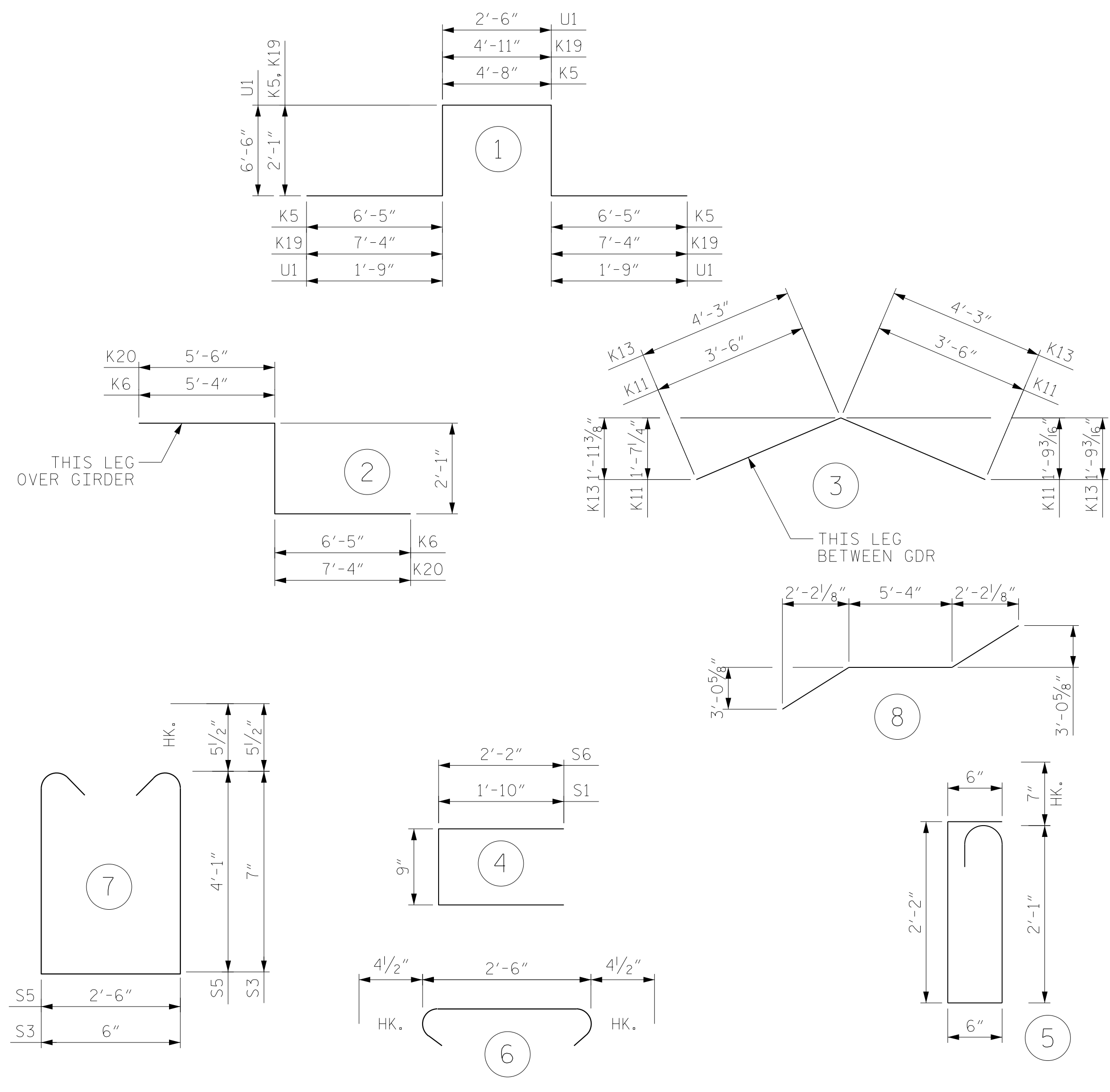


BAR TYPE



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	LENGTH	WEIGHT				
*A101	301	#5	STR	41'-11"	13159	*A150	1	#5	STR	23'-8"	25	A228	1	#5	STR	35'-7"	37	B201	120	#5	STR	54'-9"	6853
*A102	1	#5	STR	2'-6"	3	*A151	1	#5	STR	22'-7"	24	A229	1	#5	STR	36'-10"	38						
*A103	1	#5	STR	3'-9"	4	*A152	1	#5	STR	21'-5"	22	A230	1	#5	STR	38'-1"	40	* G1	1	#5	STR	44'-11"	47
*A104	1	#5	STR	5'-0"	5	*A153	1	#5	STR	20'-3"	21	A231	1	#5	STR	39'-4"	41	* G2	1	#5	STR	50'-5"	53
*A105	1	#5	STR	6'-4"	7	*A154	1	#5	STR	19'-2"	20	A232	1	#5	STR	40'-7"	42						
*A106	1	#5	STR	7'-7"	8	*A155	1	#5	STR	18'-0"	19	A233	1	#5	STR	41'-11"	44	* K1	4	#6	STR	7'-7"	46
*A107	1	#5	STR	8'-10"	9	*A156	1	#5	STR	16'-11"	18	A234	1	#5	STR	41'-11"	44	* K2	4	#6	STR	6'-5"	39
*A108	1	#5	STR	10'-2"	11	*A157	1	#5	STR	15'-9"	16	A235	1	#5	STR	40'-9"	43	* K3	4	#6	STR	5'-2"	31
*A109	1	#5	STR	11'-5"	12	*A158	1	#5	STR	14'-7"	15	A236	1	#5	STR	39'-7"	41	K4	8	#4	STR	8'-2"	44
*A110	1	#5	STR	12'-8"	13	*A159	1	#5	STR	13'-6"	14	A237	1	#5	STR	38'-6"	40	* K5	6	#8	1	21'-8"	347
*A111	1	#5	STR	13'-11"	15	*A160	1	#5	STR	12'-4"	13	A238	1	#5	STR	37'-4"	39	* K6	4	#8	2	13'-10"	148
*A112	1	#5	STR	15'-3"	16	*A161	1	#5	STR	11'-3"	12	A239	1	#5	STR	36'-2"	38	K7	40	#4	STR	8'-7"	229
*A113	1	#5	STR	16'-6"	17	*A162	1	#5	STR	10'-1"	11	A240	1	#5	STR	35'-1"	37	K8	8	#4	STR	6'-9"	36
*A114	1	#5	STR	17'-9"	19	*A163	1	#5	STR	9'-0"	9	A241	1	#5	STR	33'-11"	35	K9	8	#4	STR	5'-3"	28
*A115	1	#5	STR	19'-1"	20	*A164	1	#5	STR	7'-10"	8	A242	1	#5	STR	32'-9"	34	K10	10	#4	STR	20'-5"	136
*A116	1	#5	STR	20'-4"	21	*A165	1	#5	STR	6'-9"	7	A243	1	#5	STR	31'-8"	33	K11	2	#4	3	7'-0"	9
*A117	1	#5	STR	21'-7"	23	*A166	1	#5	STR	5'-7"	6	A244	1	#5	STR	30'-6"	32	K12	3	#4	8	12'-10"	26
*A118	1	#5	STR	22'-10"	24	*A167	1	#5	STR	4'-6"	5	A245	1	#5	STR	29'-4"	31	K13	2	#4	3	8'-6"	11
*A119	1	#5	STR	24'-2"	25	*A168	1	#5	STR	3'-4"	3	A246	1	#5	STR	28'-3"	29	K14	3	#4	8	12'-10"	26
*A120	1	#5	STR	25'-5"	27	*A169	1	#5	STR	2'-3"	2	A247	1	#5	STR	27'-1"	28	* K15	4	#6	STR	8'-8"	52
*A121	1	#5	STR	26'-8"	28	*A170	3	#6	STR	5'-0"	23	A248	1	#5	STR	25'-11"	27	* K16	4	#6	STR	7'-4"	44
*A122	1	#5	STR	27'-11"	29	*A171	3	#6	STR	7'-3"	33	A249	1	#5	STR	24'-10"	26	* K17	4	#6	STR	5'-11"	36
*A123	1	#5	STR	29'-3"	31	A201	301	#5	STR	41'-11"	13159	A250	1	#5	STR	23'-8"	25	K18	8	#4	STR	9'-2"	49
*A124	1	#5	STR	30'-6"	32	A202	1	#5	STR	2'-6"	3	A251	1	#5	STR	22'-7"	24	* K19	6	#8	1	23'-9"	380
*A125	1	#5	STR	31'-9"	33	A203	1	#5	STR	3'-9"	4	A252	1	#5	STR	21'-5"	22	* K20	4	#8	2	14'-11"	159
*A126	1	#5	STR	33'-0"	34	A204	1	#5	STR	5'-0"	5	A253	1	#5	STR	20'-3"	21						
*A127	1	#5	STR	34'-3"	36	A205	1	#5	STR	6'-4"	7	A254	1	#5	STR	19'-2"	20	* S1	24	#4	4	4'-5"	71
*A128	1	#5	STR	35'-7"	37	A206	1	#5	STR	7'-7"	8	A255	1	#5	STR	18'-0"	19	* S2	48	#5	5	5'-10"	292
*A129	1	#5	STR	36'-10"	38	A207	1	#5	STR	8'-10"	9	A256	1	#5	STR	16'-11"	18	* S3	32	#5	7	2'-7"	86
*A130	1	#5	STR	38'-1"	40	A208	1	#5	STR	10'-2"	11	A257	1	#5	STR	15'-9"	16	S4	176	#4	6	3'-3"	382
*A131	1	#5	STR	39'-4"	41	A209	1	#5	STR	11'-5"	12	A258	1	#5	STR	14'-7"	15	S5	8	#5	7	11'-7"	97
*A132	1	#5	STR	40'-7"	42	A210	1	#5	STR	12'-8"	13	A259	1	#5	STR	13'-6"	14	* S6	24	#4	4	5'-1"	81
*A133	1	#5	STR	41'-11"	44	A211	1	#5	STR	13'-11"	15	A260	1	#5	STR	12'-4"	13						
*A134	1	#5	STR	41'-11"	44	A212	1	#5	STR	15'-3"	16	A261	1	#5	STR	11'-3"	12	U1	24	#4	1	19'-0"	305
*A135	1	#5	STR	40'-9"	43	A213	1	#5	STR	16'-6"	17	A262	1	#5	STR	10'-1"	11						
*A136	1	#5	STR	39'-7"	41	A214	1	#5	STR	17'-9"	19	A263	1	#5	STR	9'-0"	9						
*A137	1	#5	STR	38'-6"	40	A215	1	#5	STR	19'-1"	20	A264	1	#5	STR	7'-10"	8						
*A138	1	#5	STR	37'-4"	39	A216	1	#5	STR	20'-4"	21	A265	1	#5	STR	6'-9"	7						
*A139	1	#5	STR	36'-2"	38	A217	1	#5	STR	21'-7"	23	A266	1	#5	STR	5'-7"	6						
*A140	1	#5	STR	35'-1"	37	A218	1	#5	STR	22'-10"	24	A267	1	#5	STR	4'-6"	5						
*A141	1	#5	STR	33'-11"	35	A219	1	#5	STR	24'-2"	25	A268	1	#5	STR	3'-4"	3						
*A142	1	#5	STR	32'-9"	34	A220	1	#5	STR	25'-5"	27	A269	1	#5	STR	2'-3"	2						
*A143	1	#5	STR	31'-8"	33	A221	1	#5	STR	26'-8"	28												
*A144	1	#5	STR	30'-6"	32	A222	1	#5	STR	27'-11"	29	*B101	126	#4	STR	24'-11"	2097						
*A145	1	#5	STR	29'-4"	31	A223	1	#5	STR	29'-3"	31	*B102	42	#7	STR	60'-0"	5151						
*A146	1	#5	STR	28'-3"	29	A224	1	#5	STR	30'-6"	32	*B103	41	#7	STR	32'-2"	2696						
*A147	1	#5	STR	27'-1"	28	A225	1	#5	STR	31'-9"	33	*B104	42	#7	STR	19'-7"	1681						
*A148	1	#5	STR	25'-11"	27	A226	1	#5	STR	33'-0"	34	*B105	126	#4	STR	25'-1"	2111						
*A149	1	#5	STR	24'-10"	26	A227	1	#5	STR	34'-3"	36	*B106	16	#4	STR	28'-4"	303						

REINFORCING STEEL 22961 LBS.  
 \*EPOXY COATED REINFORCING STEEL 30737 LBS.

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	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 FLOORS

APPROACH SLABS	1,757 SQ.FT.
BRIDGE DECK	7,765 SQ.FT.
TOTAL	9,522 SQ.FT.

—SUPERSTRUCTURE BILL OF MATERIAL—

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	135.1		
POUR 2	185.9		
TOTALS**	321.0	22961 LBS.	30737 LBS.

\*\*QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

PROJECT NO. R-2707C  
 CLEVELAND COUNTY  
 STATION: 29+07.16 -Y2-

SHEET 1 OF 2



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

REVISIONS						SHEET NO. S3-24
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 36
2			4			

DRAWN BY: MKO DATE: 12/2016  
 CHECKED BY: JMR DATE: 12/2016  
 DESIGN ENGINEER OF RECORD: MKO DATE: 12/2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED