



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				
* A1	669	#5	STR	48'-11"	34132	* A144	1	#5	STR	25'-5"	27	A231	1	#5	STR	46'-2"	48	K4	24	#4	STR	8'-5"	135
A2	669	#5	STR	48'-11"	34132	* A145	1	#5	STR	23'-10"	25	A232	1	#5	STR	44'-7"	47	K5	36	#4	1	13'-3"	319
						* A146	1	#5	STR	22'-3"	23	A233	1	#5	STR	42'-11"	45	K6	24	#4	2	6'-7"	106
* A101	1	#5	STR	47'-9"	50	* A147	1	#5	STR	20'-8"	22	A234	1	#5	STR	41'-4"	43	K7	20	#4	STR	3'-1"	41
* A102	1	#5	STR	46'-1"	48	* A148	1	#5	STR	19'-1"	20	A235	1	#5	STR	39'-9"	41	K8	4	#4	STR	2'-3"	6
* A103	1	#5	STR	44'-6"	46	* A149	1	#5	STR	17'-6"	18	A236	1	#5	STR	38'-2"	40						
* A104	1	#5	STR	42'-10"	45	* A150	1	#5	STR	15'-10"	17	A237	1	#5	STR	36'-7"	38	S1	360	#4	3	2'-10"	681
* A105	1	#5	STR	41'-3"	43	* A151	1	#5	STR	14'-3"	15	A238	1	#5	STR	35'-0"	37	* S3	72	#4	5	11'-11"	573
* A106	1	#5	STR	39'-7"	41	* A152	1	#5	STR	12'-8"	13	A239	1	#5	STR	33'-5"	35	* S4	72	#4	5	12'-2"	585
* A107	1	#5	STR	38'-0"	40	* A153	1	#5	STR	11'-1"	12	A240	1	#5	STR	31'-10"	33						
* A108	1	#5	STR	36'-4"	38	* A154	1	#5	STR	9'-6"	10	A241	1	#5	STR	30'-2"	31	U1	72	#4	4	16'-0"	770
* A109	1	#5	STR	34'-9"	36	* A155	1	#5	STR	7'-11"	8	A242	1	#5	STR	28'-7"	30	U2	56	#4	6	18'-9"	701
* A110	1	#5	STR	33'-1"	35	* A156	1	#5	STR	6'-4"	7	A243	1	#5	STR	27'-0"	28	U3	16	#4	4	11'-7"	124
* A111	1	#5	STR	31'-6"	33	* A157	1	#5	STR	4'-9"	5	A244	1	#5	STR	25'-5"	27						
* A112	1	#5	STR	29'-10"	31	* A158	1	#5	STR	3'-2"	3	A245	1	#5	STR	23'-10"	25						
* A113	1	#5	STR	28'-3"	29						A246	1	#5	STR	22'-3"	23							
* A114	1	#5	STR	26'-7"	28	A201	1	#5	STR	47'-9"	50	A247	1	#5	STR	20'-8"	22						
* A115	1	#5	STR	25'-0"	26	A202	1	#5	STR	46'-1"	48	A248	1	#5	STR	19'-1"	20						
* A116	1	#5	STR	23'-4"	24	A203	1	#5	STR	44'-6"	46	A249	1	#5	STR	17'-6"	18						
* A117	1	#5	STR	21'-9"	23	A204	1	#5	STR	42'-10"	45	A250	1	#5	STR	15'-10"	17						
* A118	1	#5	STR	20'-1"	21	A205	1	#5	STR	41'-3"	43	A251	1	#5	STR	14'-3"	15						
* A119	1	#5	STR	18'-6"	19	A206	1	#5	STR	39'-7"	41	A252	1	#5	STR	12'-8"	13						
* A120	1	#5	STR	16'-10"	18	A207	1	#5	STR	38'-0"	40	A253	1	#5	STR	11'-1"	12						
* A121	1	#5	STR	15'-3"	16	A208	1	#5	STR	36'-4"	38	A254	1	#5	STR	9'-6"	10						
* A122	1	#5	STR	13'-7"	14	A209	1	#5	STR	34'-9"	36	A255	1	#5	STR	7'-11"	8						
* A123	1	#5	STR	12'-0"	13	A210	1	#5	STR	33'-1"	35	A256	1	#5	STR	6'-4"	7						
* A124	1	#5	STR	10'-4"	11	A211	1	#5	STR	31'-6"	33	A257	1	#5	STR	4'-9"	5						
* A125	1	#5	STR	8'-9"	9	A212	1	#5	STR	29'-10"	31	A258	1	#5	STR	3'-2"	3						
* A126	1	#5	STR	7'-1"	7	A213	1	#5	STR	28'-3"	29												
* A127	1	#5	STR	5'-6"	6	A214	1	#5	STR	26'-7"	28	* B1	194	#6	STR	27'-10"	8110						
* A128	1	#5	STR	3'-11"	4	A215	1	#5	STR	25'-0"	26	B2	368	#5	STR	52'-11"	20311						
* A129	1	#5	STR	2'-3"	2	A216	1	#5	STR	23'-4"	24	* B3	147	#4	STR	22'-0"	2160						
* A130	1	#5	STR	47'-8"	50	A217	1	#5	STR	21'-9"	23	* B4	98	#7	STR	60'-0"	12019						
* A131	1	#5	STR	46'-2"	48	A218	1	#5	STR	20'-1"	21	* B5	48	#7	STR	40'-6"	3974						
* A132	1	#5	STR	44'-7"	47	A219	1	#5	STR	18'-6"	19	* B6	49	#7	STR	36'-3"	3631						
* A133	1	#5	STR	42'-11"	45	A220	1	#5	STR	16'-10"	18	B7	36	#5	STR	40'-6"	1521						
* A134	1	#5	STR	41'-4"	43	A221	1	#5	STR	15'-3"	16	B8	36	#5	STR	42'-0"	1577						
* A135	1	#5	STR	39'-9"	41	A222	1	#5	STR	13'-7"	14	* B9	98	#4	STR	26'-0"	1702						
* A136	1	#5	STR	38'-2"	40	A223	1	#5	STR	12'-0"	13	* B10	147	#4	STR	24'-3"	2381						
* A137	1	#5	STR	36'-7"	38	A224	1	#5	STR	10'-4"	11	* B11	48	#7	STR	42'-0"	4121						
* A138	1	#5	STR	35'-0"	37	A225	1	#5	STR	8'-9"	9	* B12	30	#4	STR	29'-3"	586						
* A139	1	#5	STR	33'-5"	35	A226	1	#5	STR	7'-1"	7	* B13	49	#7	STR	39'-3"	3931						
* A140	1	#5	STR	31'-10"	33	A227	1	#5	STR	5'-6"	6												
* A141	1	#5	STR	30'-2"	31	A228	1	#5	STR	3'-11"	4	K1	28	#4	STR	28'-3"	528						
* A142	1	#5	STR	28'-7"	30	A229	1	#5	STR	2'-3"	2	K2	120	#4	STR	10'-1"	808						
* A143	1	#5	STR	27'-0"	28	A230	1	#5	STR	47'-8"	50	K3	8	#4	STR	6'-11"	37						

REINFORCING STEEL 63,324 LBS.
 *EPOXY COATED REINFORCING STEEL 79,432 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	2,122 SQ.FT.
BRIDGE DECK	17,550 SQ.FT.
TOTAL	19,672 SQ.FT.

—SUPERSTRUCTURE BILL OF MATERIAL—

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	194.3		
POUR 2	260.1		
POUR 3	260.1		
POUR 4	114.6		
TOTALS**	829.1	63,324 LBS.	79,432 LBS.

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

PROJECT NO. R-2707C
 CLEVELAND COUNTY
 STATION: 384+50.00 -L-

SHEET 1 OF 2



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE
 BILL OF MATERIAL

LEFT LANE

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-21
1			3			TOTAL SHEETS
2			4			36

DRAWN BY : MAL DATE : 11/2016
 CHECKED BY : JMR DATE : 12/2016
 DESIGN ENGINEER OF RECORD: MAL DATE : 11/2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED