

BILL OF MATERIAL

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	LENGTH	WEIGHT			
*A1	307	5	STR	53'-9"	17211	*B1	204	4	STR	30'-2"	4111	*G1	4	5	STR	40'-0"	167
A2	307	5	STR	53'-9"	17211	*B2	99	6	STR	60'-0"	8922						
*A3	6	6	STR	20'-0"	180	*B3	99	6	STR	36'-10"	5477	*K1	12	5	1	9'-2"	115
						B4	280	5	STR	53'-3"	15552	*K2	24	5	2	9'-8"	242
											*K3	30	5	STR	10'-4"	323	
*A101	6	5	STR	2'-3"	14	A201	6	5	STR	2'-3"	14						
*A102	6	5	STR	3'-9"	23	A202	6	5	STR	3'-9"	23	*S1	100	4	3	4'-6"	301
*A103	6	5	STR	5'-3"	33	A203	6	5	STR	5'-3"	33						
*A104	6	5	STR	6'-9"	42	A204	6	5	STR	6'-9"	42						
*A105	6	5	STR	8'-3"	52	A205	6	5	STR	8'-3"	52						
*A106	6	5	STR	9'-9"	61	A206	6	5	STR	9'-9"	61						
*A107	6	5	STR	11'-3"	70	A207	6	5	STR	11'-3"	70						
*A108	6	5	STR	12'-9"	80	A208	6	5	STR	12'-9"	80						
*A109	6	5	STR	14'-3"	89	A209	6	5	STR	14'-3"	89						
*A110	6	5	STR	15'-9"	99	A210	6	5	STR	15'-9"	99						
*A111	6	5	STR	17'-3"	108	A211	6	5	STR	17'-3"	108						
*A112	6	5	STR	18'-9"	117	A212	6	5	STR	18'-9"	117						
*A113	6	5	STR	20'-3"	127	A213	6	5	STR	20'-3"	127						
*A114	6	5	STR	21'-9"	136	A214	6	5	STR	21'-9"	136						
*A115	6	5	STR	23'-3"	145	A215	6	5	STR	23'-3"	145						
*A116	6	5	STR	24'-9"	155	A216	6	5	STR	24'-9"	155						
*A117	6	5	STR	26'-3"	164	A217	6	5	STR	26'-3"	164						
*A118	6	5	STR	27'-9"	174	A218	6	5	STR	27'-9"	174						
*A119	6	5	STR	29'-3"	183	A219	6	5	STR	29'-3"	183						
*A120	6	5	STR	30'-8"	192	A220	6	5	STR	30'-8"	192						
*A121	6	5	STR	32'-2"	201	A221	6	5	STR	32'-2"	201						
*A122	6	5	STR	33'-8"	211	A222	6	5	STR	33'-8"	211						
*A123	6	5	STR	35'-2"	220	A223	6	5	STR	35'-2"	220						
*A124	6	5	STR	36'-8"	229	A224	6	5	STR	36'-8"	229						
*A125	6	5	STR	38'-2"	239	A225	6	5	STR	38'-2"	239						
*A126	6	5	STR	39'-8"	248	A226	6	5	STR	39'-8"	248						
*A127	6	5	STR	41'-2"	258	A227	6	5	STR	41'-2"	258						
*A128	6	5	STR	42'-8"	267	A228	6	5	STR	42'-8"	267						
*A129	6	5	STR	44'-2"	276	A229	6	5	STR	44'-2"	276						
*A130	6	5	STR	45'-8"	286	A230	6	5	STR	45'-8"	286						
*A131	6	5	STR	47'-2"	295	A231	6	5	STR	47'-2"	295						
*A132	6	5	STR	48'-8"	305	A232	6	5	STR	48'-8"	305						
*A133	6	5	STR	50'-2"	314	A233	6	5	STR	50'-2"	314						
*A134	6	5	STR	51'-8"	323	A234	6	5	STR	51'-8"	323						
*A135	2	5	STR	53'-2"	111	A235	2	5	STR	53'-2"	111						

* EPOXY COATED REINFORCING STEEL LBS. 42,897
 REINFORCING STEEL LBS. 38,610

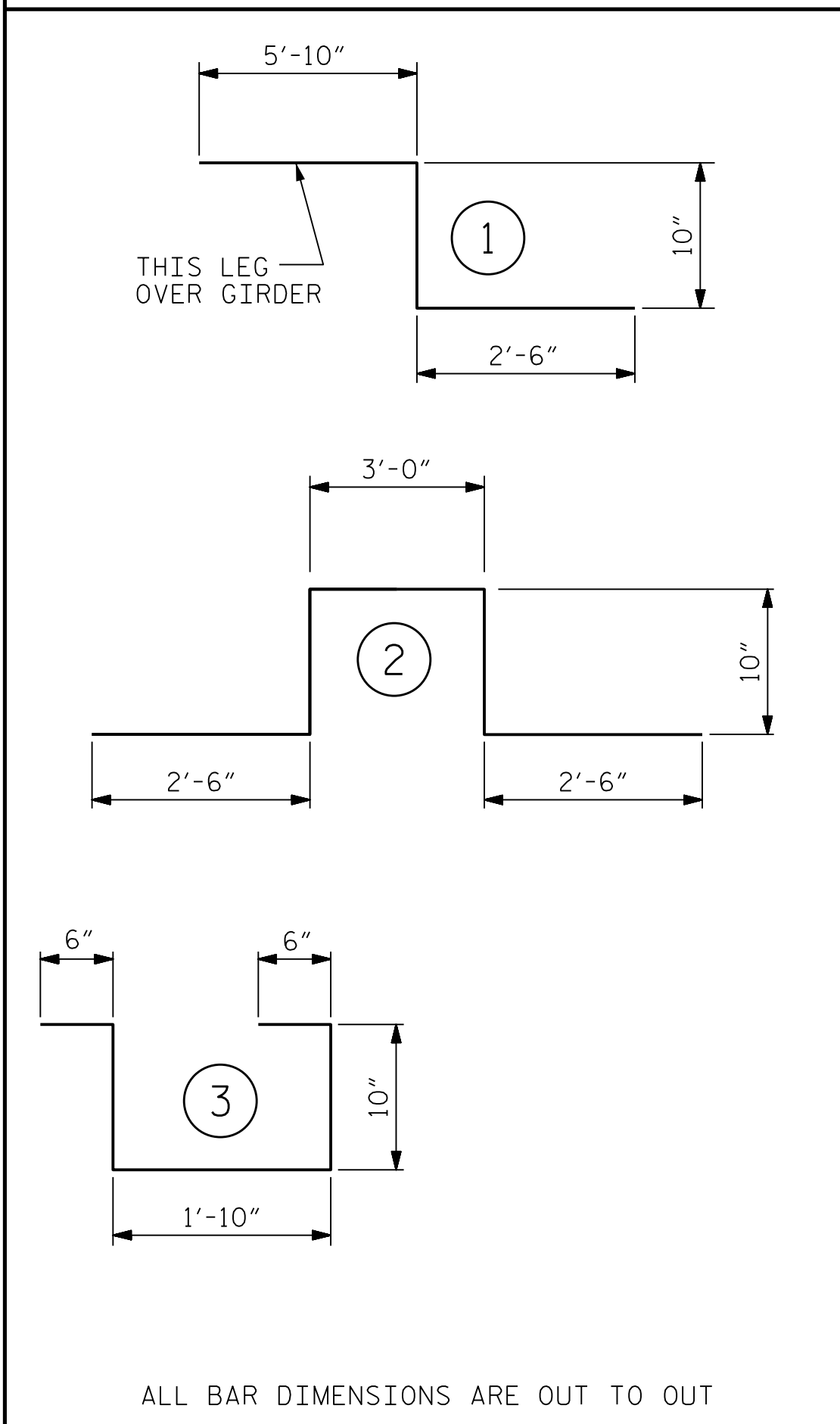
SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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"			

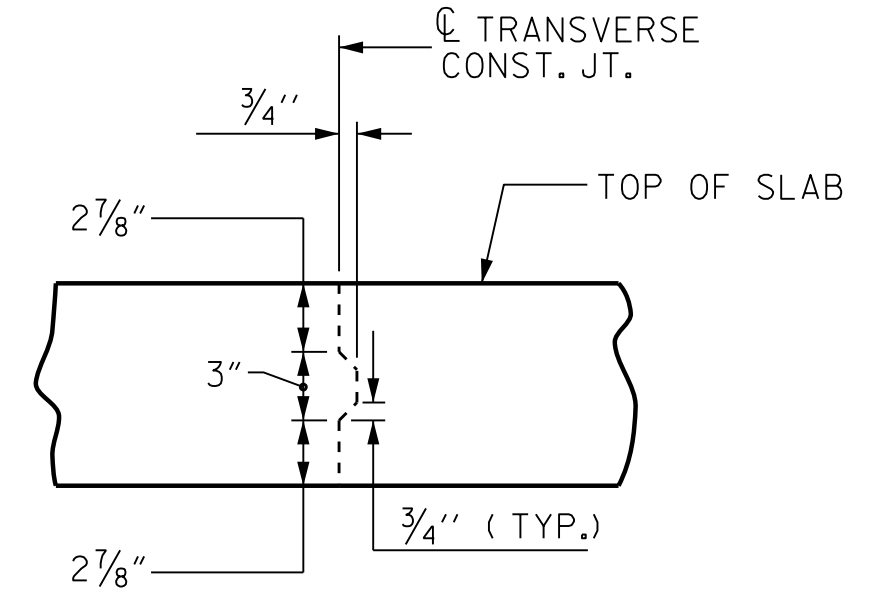
CLASS AA CONCRETE BREAKDOWN

POUR #	CU. YDS.	CU. YDS.
POUR #1	93.0	
POUR #2	243.0	
POUR #3	23.2	
TOTAL	359.2	

BAR TYPES

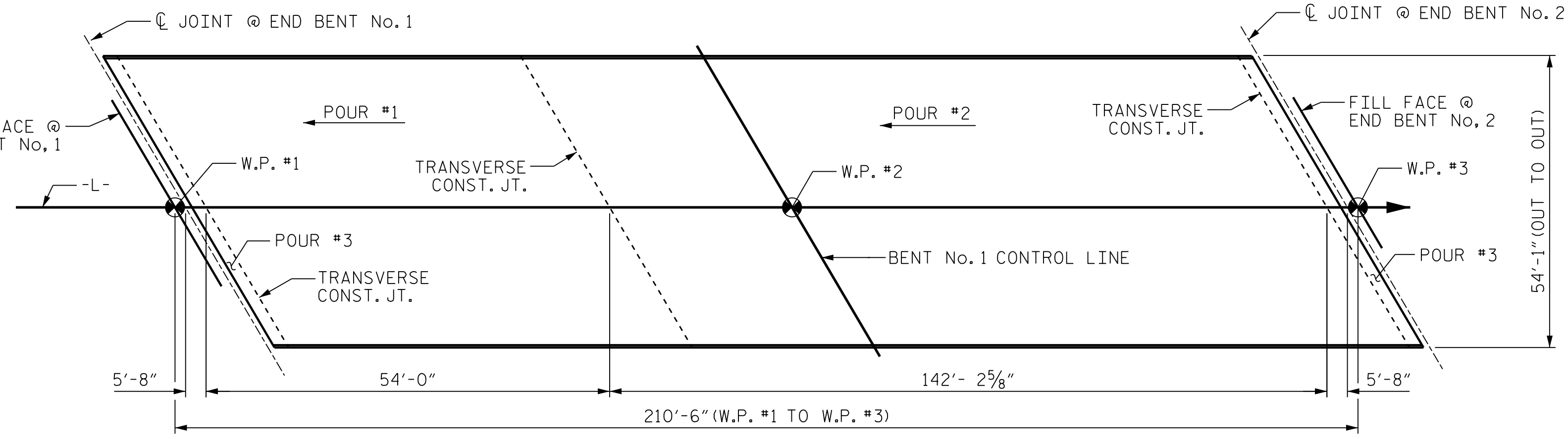


ALL BAR DIMENSIONS ARE OUT TO OUT



TRANSVERSE CONSTRUCTION JOINT DETAIL

NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT



POURING SEQUENCE

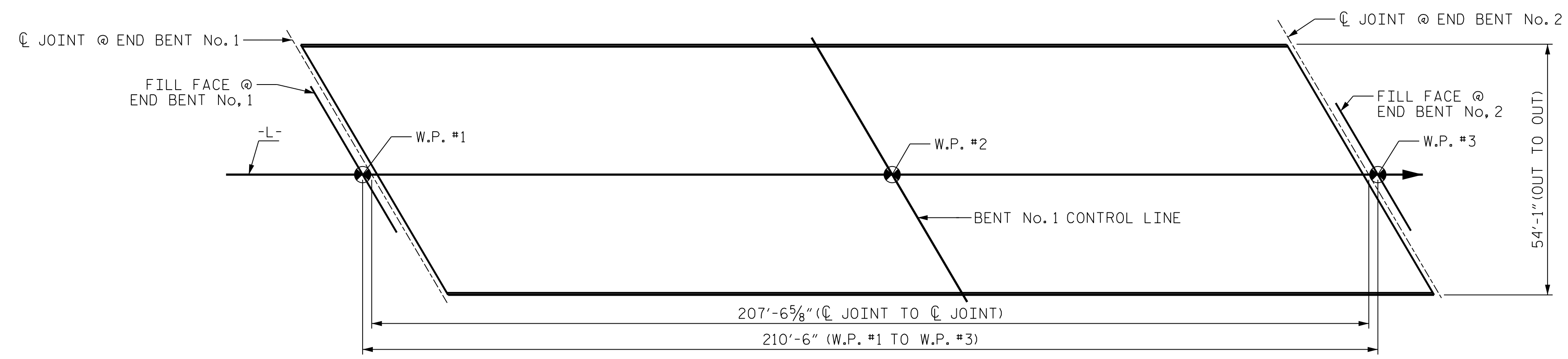
— SUPERSTRUCTURE BILL OF MATERIAL —

	CLASS AA CONCRETE (CU.YDS.)	REINFORCING STEEL (LBS.)	* EPOXY COATED REINFORCING STEEL (LBS.)
** TOTAL	359.2	38,610	42,897

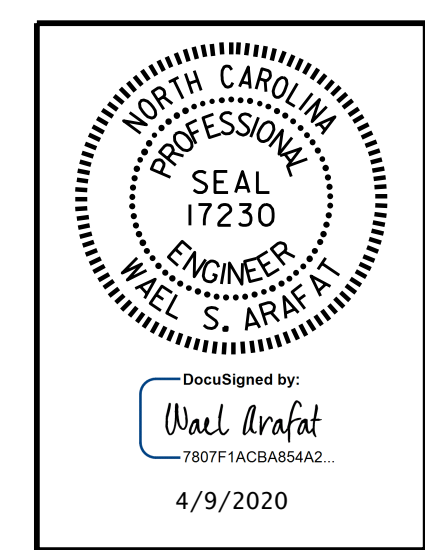
* QUANTITIES FOR CONCRETE PARAPET AND SIDEWALK ARE NOT INCLUDED

GROOVING BRIDGE FLOORS

APPROACH SLABS	2016	SQ.FT.
BRIDGE DECK	8910	SQ.FT.
TOTAL	10,926	SQ.FT.



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. FT. = 11,232)



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PROJECT NO. BR-0047
 STOKES COUNTY
 STATION: 18+27.98 -L-

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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-28
1			3			TOTAL SHEETS 39
2			4			

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