

**** SPLICE LENGTHS CHART ****

BAR	SIZE	SPLICE LENGTH
A500	#6	3'-2"
A600	#7	3'-1"
A900	#5	2'-6"
B4	#4	1'-9"
B6	#4	1'-9"
C2	#4	1'-11"

BILL OF MATERIAL
STAGE II CONSTRUCTION

BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT	
A121	2	#5	STR	23'-6"	49	A221	2	#6	STR	23'-1"	69	A300	602	#7	STR	25'-7"	31480	A400	602	#7	STR	25'-7"	31480	A500	64	#6	STR	16'-0"	1538	
A122	2	#5	STR	21'-8"	45	A222	2	#6	STR	20'-10"	63							A600	128	#7	STR	16'-0"	4186	A700	21	#6	STR	16'-0"	745	
A123	2	#5	STR	19'-9"	41	A223	2	#6	STR	18'-6"	56	A351	3	#7	STR	23'-11"	147	A421	2	#7	STR	23'-6"	96	A800	62	#7	STR	16'-0"	2028	
A124	2	#5	STR	17'-11"	37	A224	2	#6	STR	16'-2"	49	A352	3	#7	STR	22'-3"	136	A422	2	#7	STR	21'-8"	89							
A125	2	#5	STR	16'-0"	33	A225	2	#6	STR	13'-10"	42	A353	3	#7	STR	20'-8"	127	A423	2	#7	STR	19'-9"	81							
A126	2	#5	STR	14'-2"	30	A226	2	#6	STR	11'-7"	35	A354	3	#7	STR	19'-0"	117	A424	2	#7	STR	17'-11"	73	A900	64	#5	STR	15'-9"	1051	
A127	2	#5	STR	12'-3"	26	A227	2	#6	STR	9'-3"	28	A355	3	#7	STR	17'-5"	107	A425	2	#7	STR	16'-0"	65	A950	31	#5	STR	16'-0"	517	
A128	2	#5	STR	10'-5"	22	A228	2	#6	STR	6'-11"	21	A356	3	#7	STR	15'-9"	97	A426	2	#7	STR	14'-2"	58							
A129	2	#5	STR	8'-6"	18	A229	2	#6	STR	4'-8"	14	A357	3	#7	STR	14'-2"	87	A427	2	#7	STR	12'-3"	50	A3	1347	#5	1	6'-7"	9249	
A130	2	#5	STR	6'-8"	14	A230	2	#6	STR	2'-4"	7	A358	3	#7	STR	12'-6"	77	A428	2	#7	STR	10'-5"	43	A4	1347	#5	1	5'-1"	7142	
A131	2	#5	STR	4'-9"	10							A359	3	#7	STR	10'-11"	67	A429	2	#7	STR	8'-6"	35							
A132	2	#5	STR	2'-11"	6	A250	492	#6	STR	25'-7"	18906	A360	3	#7	STR	9'-3"	57	A430	2	#7	STR	6'-8"	27	B4	730	#4	STR	11'-3"	5486	
						A251	2	#6	STR	24'-2"	73	A361	3	#7	STR	7'-8"	47	A431	2	#7	STR	4'-9"	19	B5	1348	#4	STR	8'-4"	7504	
A150	602	#5	STR	25'-7"	16063	A252	2	#6	STR	22'-10"	69	A362	3	#7	STR	6'-0"	37	A432	2	#7	STR	2'-11"	12	B6	730	#4	STR	11'-3"	5486	
A151	3	#5	STR	23'-11"	75	A253	2	#6	STR	21'-6"	65	A363	3	#7	STR	4'-5"	27													
A152	3	#5	STR	22'-3"	70	A254	2	#6	STR	20'-2"	61	A364	3	#7	STR	2'-9"	17	A451	3	#7	STR	23'-11"	147	C2	1330	#4	STR	28'-6"	25321	
A153	3	#5	STR	20'-8"	65	A255	2	#6	STR	18'-10"	57							A452	3	#7	STR	22'-3"	136							
A154	3	#5	STR	19'-0"	59	A256	2	#6	STR	17'-6"	53	A371	2	#7	STR	23'-6"	96	A453	3	#7	STR	20'-8"	127	D1	48	#6	STR	2'-6"	180	
A155	3	#5	STR	17'-5"	54	A257	2	#6	STR	16'-2"	49	A372	2	#7	STR	21'-8"	89	A454	3	#7	STR	19'-0"	117							
A156	3	#5	STR	15'-9"	49	A258	2	#6	STR	14'-10"	45	A373	2	#7	STR	19'-9"	81	A455	3	#7	STR	17'-5"	107	E1	16	#5	STR	4'-7"	76	
A157	3	#5	STR	14'-2"	44	A259	2	#6	STR	13'-6"	41	A374	2	#7	STR	17'-11"	73	A456	3	#7	STR	15'-9"	97	E2	16	#5	STR	3'-8"	61	
A158	3	#5	STR	12'-6"	39	A260	2	#6	STR	12'-2"	37	A375	2	#7	STR	16'-0"	65	A457	3	#7	STR	14'-2"	87	E3	16	#5	STR	5'-2"	86	
A159	3	#5	STR	10'-11"	34	A261	2	#6	STR	10'-10"	33	A376	2	#7	STR	14'-2"	58	A458	3	#7	STR	12'-6"	77	G1	4	#5	STR	29'-7"	123	
A160	3	#5	STR	9'-3"	29	A262	2	#6	STR	9'-6"	29	A377	2	#7	STR	12'-3"	50	A459	3	#7	STR	10'-11"	67	G2	4	#5	STR	36'-3"	151	
A161	3	#5	STR	7'-8"	24	A263	2	#6	STR	8'-2"	25	A378	2	#7	STR	10'-5"	43	A460	3	#7	STR	9'-3"	57							
A162	3	#5	STR	6'-0"	19	A264	2	#6	STR	6'-10"	21	A379	2	#7	STR	8'-6"	35	A461	3	#7	STR	7'-8"	47	S1	6	#8	STR	29'-7"	474	
A163	3	#5	STR	4'-5"	14	A265	2	#6	STR	5'-6"	17	A380	2	#7	STR	6'-8"	27	A462	3	#7	STR	6'-0"	37	S2	3	#6	STR	29'-7"	133	
A164	3	#5	STR	2'-9"	9	A266	2	#6	STR	4'-2"	13	A381	2	#7	STR	4'-9"	19	A463	3	#7	STR	4'-5"	27	S3	6	#8	STR	36'-3"	581	
						A267	2	#6	STR	2'-10"	9	A382	2	#7	STR	2'-11"	12	A464	3	#7	STR	2'-9"	17	REINFORCING STEEL		175633	LBS.			

STRUCTURE QUANTITIES
(STAGE II CONSTRUCTION)

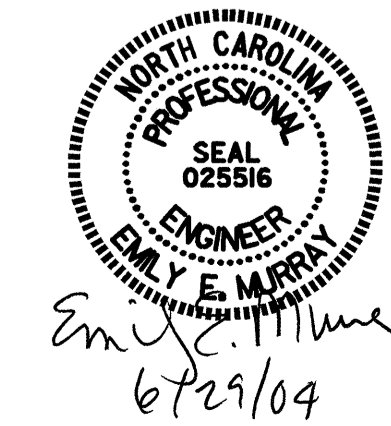
CLASS A CONCRETE	
BARREL @ 3.323	CY/FT 1212.0 C.Y.
WINGS, ETC.	24.3 C.Y.
TOTAL	1236.3 C.Y.
REINFORCING STEEL	
BARREL 175633	LBS.
WINGS ETC.	1259 LBS.
TOTAL	176892 LBS.
CULVERT EXCAVATION	LUMP SUM
FOUNDATION CONDITIONING MATERIAL	669 TONS

PROJECT NO. B-3157
DAVIDSON COUNTY
STATION: 17+48.00 -Y1-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**DOUBLE 12 FT. X 9 FT.
CONCRETE BOX CULVERT
BILL OF MATERIAL
(STAGE II CONSTRUCTION)**

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	C-9	
1			3			TOTAL SHEETS	
2			4			19	



DRAWN BY : M. M. PARSONS DATE : 5/5/03
CHECKED BY : I. L. AVERETTE DATE : 7/03