

PROJECT REFERENCE NO.		SHEET NO.	
R-2911C		3 (of 2)	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
WILBUR SMITH ASSOCIATES P.O. BOX 2478 RALEIGH, NC 27601		SUNGATE DESIGN GROUP 915-A JONES FRANKLIN RD. RALEIGH, NC 27608	

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ROADWAY SUMMARY OF QUANTITIES FOR CONTRACT - C201068

ItemNumber	Sec #	Quantity	Unit	Description
0000100000-N	800	Lump Sum		MOBILIZATION
0000400000-N	801	Lump Sum		CONSTRUCTION SURVEYING
0001000000-E	200	Lump Sum		CLEARING & GRUBBING .. ACRE(S)
0008000000-E	200	3	ACR	SUPPLEMENTARY CLEARING & GRUBBING
0015000000-N	205	4	EA	SEALING ABANDONED WELLS
0022000000-E	225	254,100	CY	UNCLASSIFIED EXCAVATION
0036000000-E	225	5,500	CY	UNDERCUT EXCAVATION
0080000000-E	SP	500	TON	CLASS IV SUBGRADE STABILIZATION
0134000000-E	240	1,400	CY	DRAINAGE DITCH EXCAVATION
0141000000-E	240	2,400	LF	BERM DITCH CONSTRUCTION
0156000000-E	250	5,600	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
0192000000-N	260	13	HR	PROOF ROLLING
0195000000-E	265	2,000	CY	SELECT GRANULAR MATERIAL
0196000000-E	270	2,000	SY	FABRIC FOR SOIL STABILIZATION
0234000000-E	SP	1,800	CY	GENERIC GRADING ITEM SELECT MATERIAL, CLASS II
0241000000-E	SP	1,100	SY	GENERIC GRADING ITEM PRIMARY GEOGRID REINFORCEMENT
0241000000-E	SP	600	SY	GENERIC GRADING ITEM SECONDARY GEOGRID REINFORCEMENT
0245000000-E	SP	100	GAL	GENERIC GRADING ITEM DECONTAMINATION WATER FOR DISPOSAL
0255000000-E	SP	1,100	TON	GENERIC GRADING ITEM EXCAVATION, HAULING, DISPOSAL OF CONTAMINATED SOIL
0318000000-E	300	2,375	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
0343000000-E	310	340	LF	15" SIDE DRAIN PIPE
0366000000-E	310	10,024	LF	15" RC PIPE CULVERTS, CLASS III
0372000000-E	310	1,616	LF	18" RC PIPE CULVERTS, CLASS III
0378000000-E	310	5,284	LF	24" RC PIPE CULVERTS, CLASS III
0384000000-E	310	2,696	LF	30" RC PIPE CULVERTS, CLASS III
0390000000-E	310	184	LF	36" RC PIPE CULVERTS, CLASS III
0396000000-E	310	664	LF	42" RC PIPE CULVERTS, CLASS III
0402000000-E	310	96	LF	48" RC PIPE CULVERTS, CLASS III
0408000000-E	310	204	LF	54" RC PIPE CULVERTS, CLASS III
0426000000-E	310	56	LF	72" RC PIPE CULVERTS, CLASS III
0448000000-E	310	236	LF	***** RC PIPE CULVERTS, CLASS IV (60")
0708000000-E	310	160	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
0714000000-E	310	172	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
0720000000-E	310	124	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
0726000000-E	310	236	LF	30" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK
0806000000-E	310	4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
0807000000-E	310	3	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
0808000000-E	310	7	EA	24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
0809000000-E	310	4	EA	30" BIT COAT CS PIPE ELBOWS, TYPE B 0.079" THICK
0980000000-E	SP	140	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (54", 0.750")
0980000000-E	SP	144	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (60", 0.875")
0995000000-E	340	2,365	LF	PIPE REMOVAL
0996000000-N	350	1	EA	PIPE CLEAN-OUT

ItemNumber	Sec #	Quantity	Unit	Description
1011000000-N	500	Lump Sum		FINE GRADING
1022000000-E	SP	1,500	LB	SEALING EXISTING PAVEMENT CRACKS
1044000000-E	501	50,900	SY	LIME TREATED SOIL (SLURRY METHOD)
1066000000-E	501	510	TON	LIME FOR LIME TREATED SOIL
1110000000-E	510	500	TON	STABILIZER AGGREGATE
1121000000-E	520	37,000	TON	AGGREGATE BASE COURSE
1176000000-E	542	27,400	SY	*** SOIL CEMENT BASE (7")
1187000000-E	542	760	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE
1198000000-E	SP	350	TON	AGGREGATE FOR SOIL CEMENT BASE
1209000000-E	543	11,800	GAL	ASPHALT CURING SEAL
1220000000-E	545	500	TON	INCIDENTAL STONE BASE
1231000000-E	560	21,650	CY	SHOULDER BORROW
1297000000-E	607	24,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
1330000000-E	607	1,600	SY	INCIDENTAL MILLING
1489000000-E	610	2,310	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1491000000-E	610	13,765	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
1503000000-E	610	37,400	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
1519000000-E	610	2,200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1523000000-E	610	29,200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1560000000-E	620	2,590	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1565000000-E	620	1,755	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1693000000-E	654	300	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
2000000000-N	806	185	EA	RIGHT OF WAY MARKERS
2022000000-E	815	340	CY	SUBDRAIN EXCAVATION
2033000000-E	815	170	CY	SUBDRAIN FINE AGGREGATE
2044000000-E	815	1,000	LF	6" PERFORATED SUBDRAIN PIPE
2055000000-E	815	30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
2066000000-N	815	2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
2077000000-E	815	12	LF	6" OUTLET PIPE (SUBDRAINS)
2143000000-E	818	15	TON	BLOTTING SAND
2209000000-E	838	13	CY	ENDWALLS
2220000000-E	838	22	CY	REINFORCED ENDWALLS
2253000000-E	840	19	CY	PIPE COLLARS
2264000000-E	840	3.5	CY	PIPE PLUGS
2286000000-N	840	160	EA	MASONRY DRAINAGE STRUCTURES
2308000000-E	840	76.7	LF	MASONRY DRAINAGE STRUCTURES
2354200000-N	840	2	EA	FRAME WITH GRATE, STD 840.24
2364000000-N	840	9	EA	FRAME WITH TWO GRATES, STD 840.16
2366000000-N	840	97	EA	FRAME WITH TWO GRATES, STD 840.24
2367000000-N	840	4	EA	FRAME WITH TWO GRATES, STD 840.29
2374000000-N	840	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
2374000000-N	840	15	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
2374000000-N	840	21	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
2396000000-N	840	7	EA	FRAME WITH COVER, STD 840.54
2542000000-E	846	7,950	LF	1'-6" CONCRETE CURB & GUTTER
2549000000-E	846	11,400	LF	2'-6" CONCRETE CURB & GUTTER
2556000000-E	846	520	LF	SHOULDER BERM GUTTER

ItemNumber	Sec #	Quantity	Unit	Description
2619000000-E	850	170	SY	4" CONCRETE PAVED DITCH
2655000000-E	852	1,290	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
2724000000-E	857	98	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
2739000000-E	852	80	SY	GENERIC PAVING ITEM 1/2" CORRUGATED CONCRETE ISLAND
2800000000-N	858	4	EA	ADJUSTMENT OF CATCH BASINS
2938000000-N	SP	1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER
3000000000-N	SP	2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
3030000000-E	862	7,962.5	LF	STEEL BM GUARDRAIL
3045000000-E	862	300	LF	STEEL BM GUARDRAIL, SHOP CURVED
3150000000-N	862	10	EA	ADDITIONAL GUARDRAIL POSTS
3195000000-N	862	3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3210000000-N	862	7	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
3270000000-N	SP	21	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
3317000000-N	862	7	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
3503000000-E	866	28,000	LF	WOVEN WIRE FENCE, 47" FABRIC
3509000000-E	866	1,710	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
3515000000-E	866	470	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
3557000000-E	866	500	LF	ADDITIONAL BARBED WIRE
3559000000-E	866	650	LF	** STRAND BARBED WIRE FENCE WITH POSTS (3)
3559000000-E	866	1,225	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4)
3559000000-E	866	4,600	LF	** STRAND BARBED WIRE FENCE WITH POSTS (5)