

MULKEY
ENGINEERS & CONSULTANTS
P.O. BOX 21277
RALEIGH, N.C. 27636
919 851-1111 (FAX)
WWW.MULKEYINC.COM

SUNGATE DESIGN GROUP
95-A Jones Franklin Rd.
Raleigh, N.C. 27606
(919) 859-2243
(919) 859-6258 (FAX)



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ROADWAY SUMMARY OF QUANTITIES FOR CONTRACT - C200955

ItemNumber	Sec #	Quantity	Unit	Description
0000100000-N	800	Lump Sum		MOBILIZATION
0008000000-M	200	0.4	HA	SUPPLEMENTARY CLEARING & GRUB-BING
0029000000-N	SP	Lump Sum		REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+03.000-Y-)
0029000000-N	SP	Lump Sum		REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+20.085)
0036000000-M	225	200	M3	UNDERCUT EXCAVATION
0043000000-N	226	Lump Sum		GRADING
0134000000-M	240	90	M3	DRAINAGE DITCH EXCAVATION
0199000000-M	SP	60	M2	TEMPORARY SHORING
0318000000-M	300	20.8	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
0366000000-M	310	24	M	375MM RC PIPE CULVERTS, CLASS III
0706000000-M	310	12	M	300MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
0708000000-M	310	27.6	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
0805000000-M	310	2	EA	300MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
0806000000-M	310	6	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
1220000000-M	545	200	MTN	INCIDENTAL STONE BASE
1489000000-M	610	550	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
1498000000-M	610	350	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1525000000-M	SP	400	MTN	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1560000000-M	620	70	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2000000000-N	806	21	EA	RIGHT OF WAY MARKERS
2022000000-M	815	55.2	M3	SUBDRAIN EXCAVATION
2033000000-M	815	41.4	M3	SUBDRAIN FINE AGGREGATE
2044000000-M	815	100	M	150MM PERFORATED SUBDRAIN PIPE
2055000000-M	815	3	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
2066000000-N	815	1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
2077000000-M	815	2	M	150MM OUTLET PIPE (SUBDRAINS)
2286000000-N	840	8	EA	MASONRY DRAINAGE STRUCTURES
2367000000-N	840	5	EA	FRAME WITH TWO GRATES, STD 840.29
2374000000-N	840	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
2374000000-N	840	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
2374000000-N	840	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
2500000000-M	842	85	M3	CONCRETE RETAINING WALLS
2549000000-M	846	115	M	750MM CONCRETE CURB & GUTTER
2556000000-M	846	7	M	SHOULDER BERM GUTTER
2591000000-M	848	185	M2	100MM CONCRETE SIDEWALK
2598000000-M	848	16.86	M2	CONCRETE WHEELCHAIR RAMPS
2612000000-M	848	9.173	M2	150MM CONCRETE DRIVEWAY
2619000000-M	850	75	M2	100MM CONCRETE PAVED DITCH
3030000000-M	862	7.62	M	STEEL BM GUARDRAIL
3045000000-M	862	22.86	M	STEEL BM GUARDRAIL, SHOP CURVED
3150000000-N	862	5	EA	ADDITIONAL GUARDRAIL POSTS
3180000000-N	862	2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III SC)
3195000000-N	862	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3270000000-N	SP	3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
3387000000-N	862	1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (NESTED ON BRIDGE RAIL)

ItemNumber	Sec #	Quantity	Unit	Description
3635000000-M	876	350	MTN	PLAIN RIP RAP, CLASS II
3649000000-M	876	35	MTN	PLAIN RIP RAP, CLASS B
3656000000-M	876	1,340	M2	FILTER FABRIC FOR DRAINAGE
4400000000-M	1110	11	M2	WORK ZONE SIGNS (STATIONARY)
4405000000-M	1110	20	M2	WORK ZONE SIGNS (PORTABLE)
4410000000-M	1110	8	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
4430000000-N	1130	60	EA	DRUMS
4435000000-N	1135	30	EA	CONES
4445000000-M	1145	22	M	BARRICADES (TYPE III)
4455000000-N	1150	100	MD	FLAGGER
4465000000-N	1160	4	EA	TEMPORARY CRASH CUSHIONS
4475000000-N	1165	1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
4490000000-M	1170	225	M	PORTABLE CONCRETE BARRIER (ANCHORED)
4650000000-N	1251	25	EA	TEMPORARY RAISED PAVEMENT MARKERS
4685000000-M	1205	199	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
4686000000-M	1205	374	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
4710000000-M	1205	51	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
4721000000-M	1205	2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
4770000000-M	1205	637	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM)
4790000000-M	1205	13	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (400MM)
4795000000-M	1205	16	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (600MM)
4800000000-N	1205	2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER
4810000000-M	1205	1,742	M	PAINT PAVEMENT MARKING LINES (100MM)
4830000000-M	1205	56	M	PAINT PAVEMENT MARKING LINES (400MM)
4835000000-M	1205	96	M	PAINT PAVEMENT MARKING LINES (600MM)
4840000000-N	1205	8	EA	PAINT PAVEMENT MARKING CHARACTER
4850000000-M	1205	200	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
4905000000-N	1253	39	EA	SNOWPLOWABLE PAVEMENT MARKERS
5300000000-M	1505	8.7	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
5306000000-M	SP	8.7	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
5318000000-M	1505	2.2	MTN	PAVEMENT REPAIR FOR UTILITY-WORK
5360000000-M	1510	37	M	150MM DI WATER PIPE, PC 2.41MPA
5396000000-M	1510	3	M	***MM DI RESTRAINED JOINT WATER PIPE, CLASS ***** WP (150MM, 2.41)
5396000000-M	1510	250.47	M	***MM DI RESTRAINED JOINT WATER PIPE, CLASS ***** WP (200MM, 2.41)
5402000000-M	1510	170.1	KG	DI RESTRAINED JOINT WATER PIPE FITTINGS, 1.72MPA MIN WP
5480000000-M	1510	226.8	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP
5540000000-M	1510	2	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
5546000000-M	1510	1	EA	200MM GATE VALVE & VALVE BOX, ***MPA WP (1.38 MPA)
5576000000-M	1510	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (150MM X 150MM, 1.38MPA)
5672000000-N	1510	1	EA	RELOCATE EXISTING FIRE HYDRANT
6000000000-M	1605	235	M	TEMPORARY SILT FENCE
6006000000-M	1610	110	MTN	STONE FOR EROSION CONTROL, CLASS A
6009000000-M	1610	185	MTN	STONE FOR EROSION CONTROL, CLASS B
6012000000-M	1610	610	MTN	SEDIMENT CONTROL STONE

ItemNumber	Sec #	Quantity	Unit	Description
6015000000-M	1615	0.5	HA	TEMPORARY MULCHING
6018000000-M	1620	25	KG	SEED FOR TEMPORARY SEEDING
6021000000-M	1620	0.25	MTN	FERTILIZER FOR TEMPORARY SEEDING
6030000000-M	1630	215	M3	SILT EXCAVATION
6036000000-M	1631	800	M2	MATting FOR EROSION CONTROL
6042000000-M	1632	50	M	6.4MM HARDWARE CLOTH
6070000000-N	SP	24	EA	SPECIAL STILLING BASINS
6084000000-M	1660	0.5	HA	SEEDING & MULCHING
6087000000-M	1660	0.5	HA	MOWING
6090000000-M	1661	25	KG	SEED FOR REPAIR SEEDING
6093000000-M	1661	0.25	MTN	FERTILIZER FOR REPAIR SEEDING
6096000000-M	1662	25	KG	SEED FOR SUPPLEMENTAL SEEDING
6108000000-M	1665	0.75	MTN	FERTILIZER TOPDRESSING
6114000000-N	SP	1	HR	SPECIALIZED HAND MOWING
6117000000-N	1675	8	EA	RESPONSE FOR EROSION CONTROL
7060000000-M	1705	140	M	SIGNAL CABLE
7120000000-M	1705	6	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
7288000000-M	1715	11	M	TRENCHING (PAVED)
7300000000-M	1715	3	M	TRENCHING (UNPAVED)
7302000000-M	SP	13	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (I)
7324000000-N	1716	2	EA	JUNCTION BOX (STANDARD SIZE)
7444000000-M	1725	60	M	INDUCTIVE LOOP SAWCUT
7456000000-M	1726	30	M	LEAD-IN CABLE
7588000000-N	1741	1	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE
7590000000-N	SP	1	EA	DOUBLE MAST ARM WITH METAL POLE
7613000000-N	SP	2	EA	SOIL TEST
7614000000-M	SP	10	M	DRILLED PIER FOUNDATION (**MM DIA) (1067MM)
7631000000-N	1744	2	EA	MAST ARM WITH METAL POLE DESIGN
7768000000-N	1751	1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
7780000000-N	SP	1	EA	DETECTOR CARD (TYPE 2070L)