



B-17/99

PROJECT REFERENCE NO.		SHEET NO.	
B-4009		3	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
			
<small>333 Fayetteville Street, Suite 1450 RALEIGH, N. C. 27601</small>		<small>SUNGATE DESIGN GROUP, P.A. 191 JAMES HARRISON ROAD RALEIGH, NORTH CAROLINA 27601</small>	

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SUMMARY OF QUANTITIES

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS ROADWAY SUMMARY OF QUANTITIES FOR CONTRACT - C201365														
ItemNumber	Sec #	Quantity	Unit	Description	ItemNumber	Sec #	Quantity	Unit	Description	ItemNumber	Sec #	Quantity	Unit	Description
000100000-N	800	Lump Sum		MOBILIZATION	169300000-E	654	100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	334500000-E	864	1,200	LF	REMOVE & RESET EXISTING GUARDRAIL
000400000-N	801	Lump Sum		CONSTRUCTION SURVEYING	219000000-N	828	2	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	336000000-E	863	1,650	LF	REMOVE EXISTING GUARDRAIL
002900000-N	SP	Lump Sum		REINFORCED BRIDGE APPROACH FILL, STATION ***** (35+66.50)	225300000-E	840	0.45	CY	PIPE COLLARS	359500000-E	869	390	LF	RELAPPING GUARDRAIL
005000000-E	226	1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	228600000-N	840	16	EA	MASONRY DRAINAGE STRUCTURES	364900000-E	876	10	TON	PLAIN RIP RAP, CLASS B
005700000-E	226	3,000	CY	UNDERCUT EXCAVATION	230800000-E	840	3	LF	MASONRY DRAINAGE STRUCTURES	365600000-E	876	1,035	SY	FILTER FABRIC FOR DRAINAGE
006300000-N	SP	Lump Sum		GRADING	236420000-N	840	4	EA	FRAME WITH TWO GRATES, STD 840.20	441200000-E	SP	2,060	SF	WORK ZONE SIGNS (STATIONARY)
008000000-E	SP	2,000	TON	CLASS IV SUBGRADE STABILIZATION	236500000-N	840	11	EA	FRAME WITH TWO GRATES, STD 840.22	441200000-E	SP	68	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
010600000-E	230	17,000	CY	BORROW EXCAVATION	236700000-N	840	1	EA	FRAME WITH TWO GRATES, STD 840.29	441500000-N	1115	3	EA	FLASHING ARROW PANELS, TYPE C
019500000-E	265	3,000	CY	SELECT GRANULAR MATERIAL	255600000-E	846	285	LF	SHOULDER BERM GUTTER	442000000-N	1120	2	EA	CHANGEABLE MESSAGE SIGN
019600000-E	270	3,500	SY	FABRIC FOR SOIL STABILIZATION	257000000-N	SP	1	EA	MODIFIED CONCRETE FLUME	443000000-N	1130	224	EA	DRUMS
031800000-E	300	105	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	257700000-E	846	660	LF	CONCRETE EXPRESSWAY GUTTER	444610000-E	SP	232	LF	BARRICADES (TYPE III)
036600000-E	310	808	LF	15" RC PIPE CULVERTS, CLASS III	261900000-E	850	9	SY	4" CONCRETE PAVED DITCH	446000000-N	1155	5	EA	WARNING LIGHTS (TYPE B)
037200000-E	310	16	LF	18" RC PIPE CULVERTS, CLASS III	281500000-N	858	1	EA	ADJUSTMENT OF DROP INLETS	448000000-N	1165	2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
058200000-E	310	140	LF	15" CS PIPE CULVERTS, 0.064" THICK	283000000-N	858	2	EA	ADJUSTMENT OF MANHOLES	448500000-E	1170	2,100	LF	PORTABLE CONCRETE BARRIER
063600000-E	310	10	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	284500000-N	858	3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	449500000-E	1170	700	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
099500000-E	340	236	LF	PIPE REMOVAL	290500000-N	859	1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	451000000-N	SP	100	HR	POLICE
122000000-E	545	200	TON	INCIDENTAL STONE BASE	303000000-E	862	2,112.5	LF	STEEL BM GUARDRAIL	461500000-E	1205	3,439	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (4")
133000000-E	607	930	SY	INCIDENTAL MILLING	315000000-N	862	10	EA	ADDITIONAL GUARDRAIL POSTS	465000000-N	1251	966	EA	TEMPORARY RAISED PAVEMENT MARKERS
149100000-E	610	5,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	321000000-N	862	1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	481000000-E	1205	41,710	LF	PAINT PAVEMENT MARKING LINES (4")
150300000-E	610	2,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	321500000-N	862	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	482000000-E	1205	800	LF	PAINT PAVEMENT MARKING LINES (8")
152300000-E	610	3,375	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	327000000-N	SP	1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	484700000-E	SP	14,930	LF	POLYUREA PAVEMENT MARKING LINES (4")
156000000-E	620	318	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	328500000-N	SP	4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	4847110000-E	SP	400	LF	POLYUREA PAVEMENT MARKING LINES (8")
156500000-E	620	203	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	331900000-N	862	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-83	4847140000-E	SP	40	LF	POLYUREA PAVEMENT MARKING LINES (24")
485000000-E	1205	7,425	LF	REMOVAL OF PAVEMENT MARKING LINES (4")						485000000-E	1205	7,425	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
486000000-E	1205	400	LF	REMOVAL OF PAVEMENT MARKING LINES (8")						486000000-E	1205	400	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
490000000-N	1252	103	EA	PERMANENT RAISED PAVEMENT MARKERS						490000000-N	1252	103	EA	PERMANENT RAISED PAVEMENT MARKERS
530000000-E	1505	6	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)						530000000-E	1505	6	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
530600000-E	SP	6	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (II)						530600000-E	SP	6	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (II)
539600000-E	1510	118	LF	*** DI RESTRAINED JOINT WATER PIPE, CLASS ***** (12.50)						539600000-E	1510	118	LF	*** DI RESTRAINED JOINT WATER PIPE, CLASS ***** (12.50)
540200000-E	1510	1,490	LB	DI RESTRAINED JOINT WATER PIPE FITTINGS, 250# MIN WP						540200000-E	1510	1,490	LB	DI RESTRAINED JOINT WATER PIPE FITTINGS, 250# MIN WP
555800000-E	1510	2	EA	12" GATE VALVE & VALVE BOX, *****WP (200#)						555800000-E	1510	2	EA	12" GATE VALVE & VALVE BOX, *****WP (200#)
563600000-E	1510	2	EA	12" TRANSITION COUPLING, ***** (CI TO DI)						563600000-E	1510	2	EA	12" TRANSITION COUPLING, ***** (CI TO DI)
588800000-E	SP	907	LF	GENERIC UTILITY ITEM 16" HDPE WATER PIPE, DR 9, 200# WP BY DIRECTIONAL BORE						588800000-E	SP	907	LF	GENERIC UTILITY ITEM 16" HDPE WATER PIPE, DR 9, 200# WP BY DIRECTIONAL BORE
600000000-E	1605	1,400	LF	TEMPORARY SILT FENCE						600000000-E	1605	1,400	LF	TEMPORARY SILT FENCE
600600000-E	1610	250	TON	STONE FOR EROSION CONTROL, CLASS A						600600000-E	1610	250	TON	STONE FOR EROSION CONTROL, CLASS A
600900000-E	1610	350	TON	STONE FOR EROSION CONTROL, CLASS B						600900000-E	1610	350	TON	STONE FOR EROSION CONTROL, CLASS B
601200000-E	1610	500	TON	SEDIMENT CONTROL STONE						601200000-E	1610	500	TON	SEDIMENT CONTROL STONE
601500000-E	1615	5.5	ACR	TEMPORARY MULCHING						601500000-E	1615	5.5	ACR	TEMPORARY MULCHING
601800000-E	1620	200	LB	SEED FOR TEMPORARY SEEDING						601800000-E	1620	200	LB	SEED FOR TEMPORARY SEEDING
602100000-E	1620	0.75	TON	FERTILIZER FOR TEMPORARY SEEDING						602100000-E	1620	0.75	TON	FERTILIZER FOR TEMPORARY SEEDING
602400000-E	1622	140	LF	TEMPORARY SLOPE DRAINS						602400000-E	1622	140	LF	TEMPORARY SLOPE DRAINS
602700000-N	1622	4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS						602700000-N	1622	4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
603000000-E	1630	1,600	CY	SILT EXCAVATION						603000000-E	1630	1,600	CY	SILT EXCAVATION
603600000-E	1631	500	SY	MATTING FOR EROSION CONTROL						603600000-E	1631	500	SY	MATTING FOR EROSION CONTROL
604200000-E	1632	500	LF	1/4" HARDWARE CLOTH						604200000-E	1632	500	LF	1/4" HARDWARE CLOTH
607000000-N	SP	10	EA	SPECIAL STILLING BASINS						607000000-N	SP	10	EA	SPECIAL STILLING BASINS
608400000-E	1660	10.5	ACR	SEEDING & MULCHING						608400000-E	1660	10.5	ACR	SEEDING & MULCHING
608700000-E	1660	3.5	ACR	MOWING						608700000-E	1660	3.5	ACR	MOWING
609000000-E	1661	50	LB	SEED FOR REPAIR SEEDING						609000000-E	1661	50	LB	SEED FOR REPAIR SEEDING
609300000-E	1661	0.25	TON	FERTILIZER FOR REPAIR SEEDING						609300000-E	1661	0.25	TON	FERTILIZER FOR REPAIR SEEDING
609600000-E	1662	125	LB	SEED FOR SUPPLEMENTAL SEEDING						609600000-E	1662	125	LB	SEED FOR SUPPLEMENTAL SEEDING
610800000-E	1665	4.5	TON	FERTILIZER TOPDRESSING						610800000-E	1665	4.5	TON	FERTILIZER TOPDRESSING
611400000-N	SP	5	HR	SPECIALIZED HAND MOWING						611400000-N	SP	5	HR	SPECIALIZED HAND MOWING
611700000-N	1675	8	EA	RESPONSE FOR EROSION CONTROL						611700000-N	1675	8	EA	RESPONSE FOR EROSION CONTROL

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