

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0000900000-N	SP	GENERIC MISCELLANEOUS ITEM REMOVE & RESET BUS SHELTERS	Lump Sum	L.S.	
0004	0001000000-E	200	CLEARING & GRUBBING .. ACRE(S)	Lump Sum	L.S.	
0005	0008000000-E	200	SUPPLEMENTARY CLEARING & GRUBBING	4 ACR		
0006	0015000000-N	205	SEALING ABANDONED WELLS	9 EA		
0007	0022000000-E	225	UNCLASSIFIED EXCAVATION	334,300 CY		
0008	0036000000-E	225	UNDERCUT EXCAVATION	13,200 CY		
0009	0080000000-E	SP	CLASS IV SUBGRADE STABILIZATION	500 TON		
001C	0106000000-E	230	BORROW EXCAVATION	14,100 CY		
0011	0134000000-E	240	DRAINAGE DITCH EXCAVATION	10,675 CY		
0012	0141000000-E	240	BERM DITCH CONSTRUCTION	2,800 LF		
0013	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	48,425 SY		
0014	0177000000-E	250	BREAKING OF EXISTING ASPHALT PAVEMENT	1,950 SY		
0015	0192000000-N	260	PROOF ROLLING	49 HR		
0016	0195000000-E	265	SELECT GRANULAR MATERIAL	600 CY		
0017	0196000000-E	270	FABRIC FOR SOIL STABILIZATION	11,900 SY		
0018	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	4,137 TON		
0019	0343000000-E	310	15" SIDE DRAIN PIPE	252 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
002C	0344000000-E	310	18" SIDE DRAIN PIPE	64	LF	
0021	0345000000-E	310	24" SIDE DRAIN PIPE	40	LF	
0022	0396000000-E	310	42" RC PIPE CULVERTS, CLASS III	320	LF	
0023	0402000000-E	310	48" RC PIPE CULVERTS, CLASS III	400	LF	
0024	0408000000-E	310	54" RC PIPE CULVERTS, CLASS III	208	LF	
002E	0414000000-E	310	60" RC PIPE CULVERTS, CLASS III	68	LF	
002E	0420000000-E	310	66" RC PIPE CULVERTS, CLASS III	300	LF	
0027	0426000000-E	310	72" RC PIPE CULVERTS, CLASS III	148	LF	
002E	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (54")	108	LF	
0029	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (66")	104	LF	
003C	0708000000-E	310	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	1,164	LF	
0031	0714000000-E	310	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	412	LF	
0032	0720000000-E	310	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	252	LF	
0033	0726000000-E	310	30" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK	128	LF	
0034	0806000000-E	310	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	46	EA	
003E	0807000000-E	310	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	10	EA	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0036	0808000000-E	310	24" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK	4 EA		
0037	0809000000-E	310	30" BIT COAT CS PIPE ELBOWS, T YPE B 0.079" THICK	4 EA		
003E	0973100000-E	330	*** WELDED STEEL PIPE IN SOIL (24", 0.500")	124 LF		
003E	0973100000-E	330	*** WELDED STEEL PIPE IN SOIL (30", 0.500")	60 LF		
004C	0973100000-E	330	*** WELDED STEEL PIPE IN SOIL (36", 0.500")	260 LF		
0041	0973100000-E	330	*** WELDED STEEL PIPE IN SOIL (42", 0.625")	268 LF		
0042	0973100000-E	330	*** WELDED STEEL PIPE IN SOIL (48", 0.625")	556 LF		
0043	0973100000-E	330	*** WELDED STEEL PIPE IN SOIL (60", 0.875")	128 LF		
0044	0973100000-E	330	*** WELDED STEEL PIPE IN SOIL (66", 0.875")	248 LF		
004E	0973100000-E	330	*** WELDED STEEL PIPE IN SOIL (72", 1.000")	388 LF		
004E	0995000000-E	340	PIPE REMOVAL	10,765 LF		
0047	1011000000-N	500	FINE GRADING	Lump Sum	L.S.	
004E	1022000000-E	SP	SEALING EXISTING PAVEMENT CRACKS	3,350 LB		
004E	1044000000-E	501	LIME TREATED SOIL (SLURRY METHOD)	79,700 SY		
005C	1066000000-E	501	LIME FOR LIME TREATED SOIL	800 TON		
0051	1077000000-E	SP	#57 STONE	40 TON		
0052	1110000000-E	510	STABILIZER AGGREGATE	1,400 TON		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0053	1121000000-E	520	AGGREGATE BASE COURSE	4,075 TON		
0054	1176000000-E	542	SOIL CEMENT BASE	53,100 SY		
005E	1187000000-E	542	PORTLAND CEMENT FOR SOIL CE- MENT BASE	1,460 TON		
005E	1198000000-E	SP	AGGREGATE FOR SOIL CEMENT BASE	800 TON		
0057	1209000000-E	543	ASPHALT CURING SEAL	19,910 GAL		
005E	1220000000-E	545	INCIDENTAL STONE BASE	175 TON		
005E	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (2")	5,100 SY		
006C	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")	2,017 SY		
0061	1330000000-E	607	INCIDENTAL MILLING	500 SY		
0062	1489000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0B	59,100 TON		
0063	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	9,650 TON		
0064	1498000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	48,300 TON		
006E	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	7,400 TON		
006E	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	69,800 TON		
0067	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	7,370 TON		
006E	1525000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	800 TON		
006E	1560000000-E	620	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	9,802 TON		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
007C	1565000000-E	620	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	442 TON		
0071	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	162 TON		
0072	2000000000-N	806	RIGHT OF WAY MARKERS	170 EA		
0073	2022000000-E	815	SUBDRAIN EXCAVATION	4,222 CY		
0074	2033000000-E	815	SUBDRAIN FINE AGGREGATE	2,251 CY		
007E	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	13,400 LF		
007E	2055000000-E	815	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	402 EA		
0077	2066000000-N	815	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	27 EA		
007E	2077000000-E	815	6" OUTLET PIPE (SUBDRAINS)	162 LF		
007E	2143000000-E	818	BLOTTING SAND	40 TON		
008C	2190000000-N	828	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	49 EA		
0081	2209000000-E	838	ENDWALLS	58.5 CY		
0082	2220000000-E	838	REINFORCED ENDWALLS	86 CY		
0083	2253000000-E	840	PIPE COLLARS	61 CY		
0084	2264000000-E	840	PIPE PLUGS	0.792 CY		
008E	2275000000-E	SP	FLOWABLE FILL	27 CY		
008E	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	346 EA		
0087	2297000000-E	840	MASONRY DRAINAGE STRUCTURES	7 CY		
008E	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	119.24 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
008E	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	81 EA		
009C	2365000000-N	840	FRAME WITH TWO GRATES, STD 840.22	1 EA		
0091	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	72 EA		
0092	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	33 EA		
0093	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	4 EA		
0094	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	73 EA		
009E	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	69 EA		
009E	2396000000-N	840	FRAME WITH COVER, STD 840.54	11 EA		
0097	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	17,440 LF		
009E	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	24,850 LF		
009E	2556000000-E	846	SHOULDER BERM GUTTER	4,120 LF		
010C	2577000000-E	846	CONCRETE EXPRESSWAY GUTTER	442 LF		
0101	2591000000-E	848	4" CONCRETE SIDEWALK	3,880 SY		
0102	2605000000-N	848	CONCRETE WHEELCHAIR RAMPS	57 EA		
0103	2612000000-E	848	6" CONCRETE DRIVEWAY	240 SY		
0104	2619000000-E	850	4" CONCRETE PAVED DITCH	183 SY		
010E	2647000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	1,135 SY		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0106	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	9,560	SY	
0107	2815000000-N	858	ADJUSTMENT OF DROP INLETS	2	EA	
010E	2830000000-N	858	ADJUSTMENT OF MANHOLES	2	EA	
010E	2893000000-N	SP	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE COVER	1	EA	
011C	2938000000-N	SP	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER	2	EA	
0111	3030000000-E	862	STEEL BM GUARDRAIL	11,937.5	LF	
0112	3045000000-E	862	STEEL BM GUARDRAIL, SHOP CURVED	262.5	LF	
0113	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	15	EA	
0114	3195000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE AT-1	5	EA	
011E	3210000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	25	EA	
011E	3270000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350	27	EA	
0117	3285000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE M-350	1	EA	
011E	3360000000-E	863	REMOVE EXISTING GUARDRAIL	9,810	LF	
011E	3628000000-E	876	RIP RAP, CLASS I	955	TON	
012C	3649000000-E	876	RIP RAP, CLASS B	3,602	TON	
0121	3651000000-E	SP	BOULDERS	324	TON	
0122	3656000000-E	876	FILTER FABRIC FOR DRAINAGE	24,783	SY	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0123	3659000000-N	SP	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	14 EA		
0124	3677000000-E	SP	GENERIC EROSION CONTROL ITEM ROCK PLATING	225 SY		
0125	4054000000-E	902	PLAIN CONCRETE SIGN FOUNDATIONS	1 CY		
0126	4060000000-E	903	SUPPORTS, BREAKAWAY STEEL BEAM	1,037 LB		
0127	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	6,180 LF		
0128	4096000000-N	904	SIGN ERECTION, TYPE D	18 EA		
0129	4102000000-N	904	SIGN ERECTION, TYPE E	337 EA		
0130	4108000000-N	904	SIGN ERECTION, TYPE F	19 EA		
0131	4110000000-N	904	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	4 EA		
0132	4116100000-N	904	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)	4 EA		
0133	4151000000-N	907	STOCKPILE SIGN SYSTEM, STEEL BEAM	17 EA		
0134	4152000000-N	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	10 EA		
0135	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	110 EA		
0136	4192000000-N	907	DISPOSAL OF SUPPORT, U-CHANNEL	4 EA		
0137	4238000000-N	907	DISPOSAL OF SIGN, D, E OR F	2 EA		
0138	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	1,291 SF		
0139	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	1,368 SF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
014C	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	316	SF	
0141	4415000000-N	1115	FLASHING ARROW PANELS, TYPE C	3	EA	
0142	4420000000-N	1120	CHANGEABLE MESSAGE SIGN	4	EA	
014E	4430000000-N	1130	DRUMS	1,710	EA	
0144	4435000000-N	1135	CONES	250	EA	
014E	4445000000-E	1145	BARRICADES (TYPE III)	2,140	LF	
014E	4450000000-N	1150	FLAGGER	13,200	HR	
0147	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	2	EA	
014E	4480000000-N	1165	TMIA	2	EA	
014E	4485000000-E	1170	PORTABLE CONCRETE BARRIER	800	LF	
015C	4495000000-E	1170	PORTABLE CONCRETE BARRIER (DRAINAGE)	250	LF	
0151	4507000000-E	SP	WATER FILLED BARRIER	900	LF	
0152	4510000000-N	SP	POLICE	1,216	HR	
015E	4516000000-N	1180	SKINNY DRUM	100	EA	
0154	4520000000-N	1266	TUBULAR MARKERS (FIXED)	50	EA	
015E	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	4,276	EA	
015E	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	114,602	LF	
0157	4686000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	56,084	LF	
015E	4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	3,100	LF	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0159	4690000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)	481	LF	
0160	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	754	LF	
0161	4697000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	2,089	LF	
0162	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	3,490	LF	
0163	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	36	EA	
0164	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	406	EA	
0165	4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	1,500	LF	
0166	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	972,445	LF	
0167	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	17,380	LF	
0168	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	9,310	LF	
0169	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	232	EA	
0170	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	1,228	EA	
0171	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	95,021	LF	
0172	4860000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (8")	1,503	LF	
0173	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	1,420	LF	
0174	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	139	EA	

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017E	4900000000-N	1251	PERMANENT RAISED PAVEMENT MARKERS	288 EA		
017E	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	2,367 EA		
0177	4915000000-E	1264	7' U-CHANNEL POSTS	14 EA		
017E	4957000000-N	1264	OBJECT MARKERS (TYPE **) (END OF ROAD)	14 EA		
017E	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
018C	5326600000-E	1510	16" WATER LINE	7,191 LF		
0181	5558600000-E	1515	16" VALVE	4 EA		
0182	5572600000-E	1515	16" TAPPING VALVE	1 EA		
0183	5589200000-E	1515	2" AIR RELEASE VALVE	1 EA		
0184	5606000000-E	1515	2" BLOW OFF	2 EA		
018E	5643100000-E	1515	3/4" WATER METER	1 EA		
018E	5648000000-N	1515	RELOCATE WATER METER	4 EA		
0187	5672000000-N	1515	RELOCATE FIRE HYDRANT	31 EA		
018E	5691300000-E	1520	8" SANITARY GRAVITY SEWER	853 LF		
018E	5709200000-E	1520	4" FORCE MAIN SEWER	80 LF		
019C	5768000000-N	1520	SANITARY SEWER CLEAN-OUT	2 EA		
0191	5775000000-E	1525	4' DIA UTILITY MANHOLE	3 EA		
0192	5781000000-E	1525	UTILITY MANHOLE WALL, 4' DIA	8 LF		
0193	5810000000-E	1530	ABANDON 16" UTILITY PIPE	7,862 LF		
0194	5815500000-N	1530	REMOVE FIRE HYDRANT	3 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
019E	5882000000-N	SP	GENERIC UTILITY ITEM 16" GATE VALVE & 5' DIA MAN- HOLE 200# WP	3 EA		
019E	5882000000-N	SP	GENERIC UTILITY ITEM RELOCATE 2" RPZ BACKFLOW PRE- VENTION ASSEMBLY	1 EA		
0197	5882000000-N	SP	GENERIC UTILITY ITEM RELOCATE 2" RPZ BACKFLOW PRE- VENTION ASSEMBLY WITH NEW VAULT	1 EA		
019E	5882000000-N	SP	GENERIC UTILITY ITEM RELOCATE 2" WATER METER ASSEMBLY WITH NEW VAULT	2 EA		
019E	5888000000-E	SP	GENERIC UTILITY ITEM 30" STEEL ENCASEMENT PIPE, 0.500" THICK, BY OPEN CUT	220 LF		
020C	5912000000-N	SP	GENERIC UTILITY ITEM UTILITY COORDINATOR	Lump Sum	L.S.	
0201	6000000000-E	1605	TEMPORARY SILT FENCE	22,015 LF		
0202	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	3,175 TON		
0203	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	11,675 TON		
0204	6012000000-E	1610	SEDIMENT CONTROL STONE	10,050 TON		
020E	6015000000-E	1615	TEMPORARY MULCHING	58 ACR		
020E	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	2,050 LB		
0207	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	8.25 TON		
020E	6024000000-E	1622	TEMPORARY SLOPE DRAINS	1,150 LF		
020E	6027000000-N	1622	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	48 EA		
021C	6029000000-E	SP	SAFETY FENCE	8,700 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0211	6030000000-E	1630	SILT EXCAVATION	168,520 CY		
0212	6036000000-E	1631	MATTING FOR EROSION CONTROL	41,800 SY		
0213	6037000000-E	SP	COIR FIBER MAT	465 SY		
0214	6038000000-E	SP	PERMANENT SOIL REINFORCEMENT MAT	2,800 SY		
0215	6042000000-E	1632	1/4" HARDWARE CLOTH	9,825 LF		
0216	6045000000-E	SP	*** TEMPORARY PIPE (18")	55 LF		
0217	6045000000-E	SP	*** TEMPORARY PIPE (24")	115 LF		
0218	6070000000-N	SP	SPECIAL STILLING BASINS	24 EA		
0219	6071030000-E	SP	COIR FIBER BAFFLES	1,300 LF		
022C	6071050000-E	SP	*** SKIMMER (2")	68 EA		
0221	6071050000-E	SP	*** SKIMMER (2-1/2")	8 EA		
0222	6071050000-E	SP	*** SKIMMER (3")	1 EA		
0223	6084000000-E	1660	SEEDING & MULCHING	111 ACR		
0224	6087000000-E	1660	MOWING	34.5 ACR		
0225	6090000000-E	1661	SEED FOR REPAIR SEEDING	500 LB		
0226	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	1.25 TON		
0227	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	1,400 LB		
0228	6108000000-E	1665	FERTILIZER TOPDRESSING	45 TON		
0229	6111000000-E	SP	IMPERVIOUS DIKE	650 LF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0230	6114000000-N	SP	SPECIALIZED HAND MOWING	24.5	HR	
0231	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	60	EA	
0232	6126000000-E	SP	STREAMBANK REFORESTATION	0.44	ACR	
0233	7000000000-E	1705	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/ COUNTDOWN)	21	EA	
0234	7060000000-E	1705	SIGNAL CABLE	37,103	LF	
0235	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	168	EA	
0236	7144000000-E	1705	VEHICLE SIGNAL HEAD (12", 5 SECTION)	56	EA	
0237	7180000000-N	1706	BACKPLATE	20	EA	
0238	7252000000-E	1710	MESSENGER CABLE (1/4")	1,625	LF	
0239	7264000000-E	1710	MESSENGER CABLE (3/8")	6,035	LF	
0240	7279000000-E	1715	TRACER WIRE	3,470	LF	
0241	7300000000-E	1715	UNPAVED TRENCHING (*****) (1, 2")	14,170	LF	
0242	7300310000-E	1715	PLOWING (*****) (2, 1.25")	230	LF	
0243	7301000000-E	1715	DIRECTIONAL DRILL (*****) (2, 1.25" & 3, 1.25")	2,620	LF	
0244	7301000000-E	1715	DIRECTIONAL DRILL (*****) (4, 1.25" & 5", 1 OUTER)	970	LF	
0245	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	92	EA	
0246	7348000000-N	1716	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)	12	EA	
0247	7360000000-N	1720	WOOD POLE	29	EA	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
024E	7372000000-N	1721	GUY ASSEMBLY	61 EA		
024E	7408000000-E	1722	1" RISER WITH WEATHERHEAD	6 EA		
025C	7420000000-E	1722	2" RISER WITH WEATHERHEAD	30 EA		
0251	7432000000-E	1722	2" RISER WITH HEAT SHRINK TUBING	7 EA		
0252	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	23,617 LF		
025E	7456000000-E	1726	LEAD-IN CABLE (*****) (18-4)	64,060 LF		
0254	7481000000-N	SP	SITE SURVEY	15 EA		
025E	7481200000-N	SP	LUMINAIRE ARM FOR VIDEO SYSTEM	19 EA		
025E	7481280000-N	SP	RELOCATE CAMERA SENSOR UNIT	15 EA		
0257	7484000000-N	SP	MICROWAVE VEHICLE DETECTOR	2 EA		
025E	7516000000-E	1730	COMMUNICATIONS CABLE (**FIBER) (12)	1,300 LF		
025E	7516000000-E	1730	COMMUNICATIONS CABLE (**FIBER) (24)	3,000 LF		
026C	7528000000-E	1730	DROP CABLE	915 LF		
0261	7540000000-N	1731	SPLICE ENCLOSURE	5 EA		
0262	7552000000-N	1731	INTERCONNECT CENTER	2 EA		
026E	7564000000-N	1732	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT	2 EA		
0264	7564100000-N	1732	FIBER-OPTIC TRANSCEIVER, SELF- HEALING RING	1 EA		
026E	7566000000-N	1733	DELINEATOR MARKER	11 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
026E	7575160000-E	1734	REMOVE EXISTING COMMUNICATIONS CABLE	815	LF	
0267	7575180000-N	1735	CABLE TRANSFER	1	EA	
026E	7576000000-N	SP	METAL STRAIN SIGNAL POLE	4	EA	
026E	7588000000-N	SP	METAL POLE WITH SINGLE MAST ARM	4	EA	
027C	7613000000-N	SP	SOIL TEST	32	EA	
0271	7614100000-E	SP	DRILLED PIER FOUNDATION	256	CY	
0272	7624000000-N	1743	SIGNAL PEDESTAL WITH FOUNDATION	8	EA	
027E	7631000000-N	SP	MAST ARM WITH METAL POLE DESIGN	20	EA	
0274	7636000000-N	1745	SIGN FOR SIGNALS	29	EA	
027E	7684000000-N	1750	SIGNAL CABINET FOUNDATION	7	EA	
027E	7720000000-N	1751	CONTROLLER WITH CABINET (TYPE 170E, BASE MOUNTED)	5	EA	
0277	7744000000-N	1751	DETECTOR CARD (TYPE 170)	61	EA	
027E	7756000000-N	1751	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	2	EA	
027E	7780000000-N	1751	DETECTOR CARD (TYPE 2070L)	29	EA	
028C	7960000000-N	SP	METAL POLE FOUNDATION REMOVAL	19	EA	
0281	7972000000-N	SP	METAL POLE REMOVAL	19	EA	
0282	7980000000-N	SP	GENERIC SIGNAL ITEM 2070L CONTROLLER, CARY COMPATIBLE	1	EA	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0283	7980000000-N	SP	GENERIC SIGNAL ITEM INSTALL STATE FURNISHED METAL POLE & LUMINAIRE W/ SINGLE MAST ARM	2	EA	
0284	7980000000-N	SP	GENERIC SIGNAL ITEM INSTALL STATE FURNISHED METAL POLE W/ SINGLE MAST ARM	2	EA	
0285	7980000000-N	SP	GENERIC SIGNAL ITEM INSTALL STATE FURNISHED METAL STRAIN SIGNAL POLE	4	EA	
0286	7980000000-N	SP	GENERIC SIGNAL ITEM MAST ARM W/ METAL POLE & LU- MINAIRE RESEARCH TRIANGLE PARK SPECIFIC	9	EA	
0287	7980000000-N	SP	GENERIC SIGNAL ITEM MAST ARM WITH METAL POLE RESEARCH TRIANGLE PARK SPECIF- IC	7	EA	
0288	7980000000-N	SP	GENERIC SIGNAL ITEM NEMA TS-2 CABINET(BASE MOUNT), CARY COMPATIBLE	1	EA	
0289	7980000000-N	SP	GENERIC SIGNAL ITEM NEMA TS-2 DETECTOR CARD, CARY COMPATIBLE	24	EA	

***** BEGIN SCHEDULE AA *****
 ***** (3 ALTERNATES) *****

029C AA1	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	18,948	LF	
0291 AA1	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	5,256	LF	
0292 AA1	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	2,540	LF	
0293 AA1	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	1,496	LF	
0294 AA1	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	1,216	LF	

*** OR ***

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
029E AA2	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	15,564 LF		
029E AA2	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	3,440 LF		
0297 AA2	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	2,088 LF		
029E AA2	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	1,176 LF		
029E AA2	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	868 LF		
030C AA2	0536000000-E	SP	**** HDPE PIPE CULVERTS (15")	3,384 LF		
0301 AA2	0536000000-E	SP	**** HDPE PIPE CULVERTS (18")	1,816 LF		
0302 AA2	0536000000-E	SP	**** HDPE PIPE CULVERTS (24")	452 LF		
0303 AA2	0536000000-E	SP	**** HDPE PIPE CULVERTS (30")	320 LF		
0304 AA2	0536000000-E	SP	**** HDPE PIPE CULVERTS (36")	348 LF		
*** OR ***						
030E AA3	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	15,564 LF		
030E AA3	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	3,440 LF		
0307 AA3	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	2,088 LF		
030E AA3	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	1,176 LF		
030E AA3	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	868 LF		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
031C AA3	0540000000-E	SP	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")	3,384 LF		
0311 AA3	0540000000-E	SP	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")	1,816 LF		
0312 AA3	0540000000-E	SP	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")	452 LF		
0313 AA3	0540000000-E	SP	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (30", 0.079")	320 LF		
0314 AA3	0540000000-E	SP	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (36", 0.079")	348 LF		
***** END SCHEDULE AA *****						
***** BEGIN SCHEDULE HA ***** (2 ALTERNATES) *****						
031E HA1	7481220000-N	SP	CAMERA WITH INTERNAL LOOP EMU- LATOR PROCESSING UNIT	3 EA		
*** OR ***						
031E HA2	7481240000-N	SP	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	11 EA		
0317 HA2	7481260000-N	SP	EXTERNAL LOOP EMULATOR PRO- CESSING UNIT	5 EA		
***** END SCHEDULE HA *****						
CULVERT ITEMS						
031E	8126000000-N	414	CULVERT EXCAVATION, STA ***** (199+96.10 -L-)	Lump Sum	L.S.	
031E	8126000000-N	414	CULVERT EXCAVATION, STA ***** (293+82.10 -L-)	Lump Sum	L.S.	
032C	8133000000-E	414	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT	155 TON		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0321	8196000000-E	420	CLASS A CONCRETE (CULVERT)	224.3 CY		
0322	8245000000-E	425	REINFORCING STEEL (CULVERT)	29,331 LB		
0323	8804000000-N	SP	GENERIC CULVERT ITEM SPECIAL CONCRETE OUTLET EXCAVATION (STA. 178+23.20-L-)	Lump Sum	L.S.	

WALL ITEMS

0324	8436000000-E	453	GRAVITY RETAINING WALLS	532 SF		
0325	8496000000-E	460	***** GALVANIZED STEEL PIPE RAIL (1 1/2")	145 LF		

1144/Nov16/Q2882808.772/D1340776130000/E325

Total Amount Of Bid For Entire Project :

Contract No: C 200840

County: Durham & Wake

ACCEPTED BY THE
DEPARTMENT OF TRANSPORTATION

Contract Officer

Date

Execution of Contract and Bonds
Approved as to Form:

Attorney General