

County : Orange

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0043000000-N	226	GRADING	Lump Sum	L.S.	
0003	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUB-BING	1 ACR		
0004	0057000000-E	226	UNDERCUT EXCAVATION	900 CY		
0005	0080000000-E	SP	CLASS IV SUBGRADE STABILIZATION	300 TON		
0006	0134000000-E	240	DRAINAGE DITCH EXCAVATION	3,360 CY		
0007	0141000000-E	240	BERM DITCH CONSTRUCTION	300 LF		
0008	0195000000-E	265	SELECT GRANULAR MATERIAL	500 CY		
0009	0196000000-E	270	FABRIC FOR SOIL STABILIZATION	500 SY		
0010	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	255 TON		
0011	0360000000-E	310	12" RC PIPE CULVERTS, CLASS III	8 LF		
0012	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	912 LF		
0013	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	80 LF		
0014	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	92 LF		
0015	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	28 LF		
0016	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	396 LF		
0017	0396000000-E	310	42" RC PIPE CULVERTS, CLASS III	540 LF		
0018	0402000000-E	310	48" RC PIPE CULVERTS, CLASS III	32 LF		

County : Orange

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0019	0408000000-E	310	54" RC PIPE CULVERTS, CLASS III	180 LF		
0020	0708000000-E	310	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	124 LF		
0021	0806000000-E	310	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	5 EA		
0022	0980000000-E	SP	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (15", 0.500")	208 LF		
0023	0980000000-E	SP	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (36", 0.500")	256 LF		
0024	0980000000-E	SP	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (54", 0.750")	60 LF		
0025	0980000000-E	SP	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (72", 1.000")	76 LF		
0026	0995000000-E	340	PIPE REMOVAL	579 LF		
0027	1110000000-E	510	STABILIZER AGGREGATE	450 TON		
0028	1121000000-E	520	AGGREGATE BASE COURSE	1,815 TON		
0029	1220000000-E	545	INCIDENTAL STONE BASE	250 TON		
0030	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (2.5")	3,900 SY		
0031	1489000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0B	250 TON		
0032	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	4,300 TON		
0033	1498000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	1,100 TON		

County : Orange

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0034	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	3,150 TON		
0035	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	815 TON		
0036	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	3,200 TON		
0037	1560000000-E	620	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	450 TON		
0038	1565000000-E	620	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	210 TON		
0039	1891000000-E	SP	GENERIC PAVING ITEM STREET PRINTING	175 SY		
0040	2022000000-E	815	SUBDRAIN EXCAVATION	115 CY		
0041	2033000000-E	815	SUBDRAIN FINE AGGREGATE	85 CY		
0042	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	500 LF		
0043	2055000000-E	815	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	15 EA		
0044	2066000000-N	815	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	1 EA		
0045	2077000000-E	815	6" OUTLET PIPE (SUBDRAINS)	6 LF		
0046	2209000000-E	838	ENDWALLS	13 CY		
0047	2220000000-E	838	REINFORCED ENDWALLS	7.5 CY		
0048	2253000000-E	840	PIPE COLLARS	2.5 CY		
0049	2264000000-E	840	PIPE PLUGS	1.5 CY		
0050	2275000000-E	SP	FLOWABLE FILL	25 CY		
0051	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	28 EA		
0052	2297000000-E	840	MASONRY DRAINAGE STRUCTURES	8.5 CY		

County : Orange

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0053	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	37 LF		
0054	2352000000-N	840	FRAME WITH GRATE, STD 840.**** (840.16)	1 EA		
0055	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	8 EA		
0056	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	7 EA		
0057	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	2 EA		
0058	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	2 EA		
0059	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	4 EA		
0060	2396000000-N	840	FRAME WITH COVER, STD 840.54	4 EA		
0061	2440000000-N	840	CONCRETE APRON FOR CATCH BASIN	6 EA		
0062	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	1,875 LF		
0063	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	150 LF		
0064	2577000000-E	846	CONCRETE EXPRESSWAY GUTTER	760 LF		
0065	2598000000-E	848	CONCRETE WHEELCHAIR RAMPS	25 SY		
0066	2619000000-E	850	4" CONCRETE PAVED DITCH	44 SY		
0067	2647000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	425 SY		
0068	2724000000-E	857	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	280 LF		
0069	2739000000-E	852	GENERIC PAVING ITEM 6" CONC ISLAND COVERS	1,125 SY		

County : Orange

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0070	2759000000-N	SP	GENERIC PAVING ITEM HINGED METAL BOLLARDS	6 EA		
0071	2830000000-N	858	ADJUSTMENT OF MANHOLES	6 EA		
0072	2995000000-N	SP	GENERIC DRAINAGE ITEM CONVERT DI TO OTCB	1 EA		
0073	3030000000-E	862	STEEL BM GUARDRAIL	925 LF		
0074	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	5 EA		
0075	3210000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	2 EA		
0076	3270000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350	4 EA		
0077	3317000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE B-77	2 EA		
0078	3628000000-E	876	PLAIN RIP RAP, CLASS I	120 TON		
0079	3649000000-E	876	PLAIN RIP RAP, CLASS B	580 TON		
0080	3656000000-E	876	FILTER FABRIC FOR DRAINAGE	2,075 SY		
0081	3982000000-N	SP	GENERIC WALL ITEM PILE / PANEL WALL	Lump Sum	L.S.	
0082	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	1,085 LF		
0083	4082200000-N	SP	OVERHEAD SIGN ASSEMBLY AT STA ***** (19+50.00)	Lump Sum	L.S.	
0084	4082200000-N	SP	OVERHEAD SIGN ASSEMBLY AT STA ***** (28+70.00)	Lump Sum	L.S.	
0085	4096000000-N	904	SIGN ERECTION, TYPE D	5 EA		
0086	4102000000-N	904	SIGN ERECTION, TYPE E	28 EA		
0087	4129000000-N	906	RELOCATE SIGN, TYPE ***** (D)	5 EA		

County : Orange

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0088	4129000000-N	906	RELOCATE SIGN, TYPE ***** (E)	4 EA		
0089	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	44 EA		
0090	4192000000-N	907	DISPOSAL OF SUPPORT, U-CHANNEL	4 EA		
0091	4412000000-E	SP	WORK ZONE SIGNS (STATIONARY)	214 SF		
0092	4412100000-E	SP	WORK ZONE SIGNS (PORTABLE)	200 SF		
0093	4412200000-E	SP	WORK ZONE SIGNS (BARRICADE MOUNTED)	32 SF		
0094	4415000000-N	1115	FLASHING ARROW PANELS, TYPE C	2 EA		
0095	4420000000-N	1120	CHANGEABLE MESSAGE SIGNS	2 EA		
0096	4430000000-N	1130	DRUMS	93 EA		
0097	4435000000-N	1135	CONES	50 EA		
0098	4446100000-E	SP	BARRICADES (TYPE III)	210 LF		
0099	4450000000-N	1150	FLAGGER	224 HR		
0100	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	2 EA		
0101	4485000000-E	1170	PORTABLE CONCRETE BARRIER	290 LF		
0102	4510000000-N	SP	POLICE	300 HR		
0103	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	2,508 EA		
0104	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	93,447 LF		
0105	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	636 LF		
0106	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	1,466 LF		

County : Orange

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0107	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	96 EA		
0108	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	170 EA		
0109	4847000000-E	SP	POLYUREA PAVEMENT MARKING LINES (4")	23,144 LF		
0110	4847110000-E	SP	POLYUREA PAVEMENT MARKING LINES (8")	271 LF		
0111	4847140000-E	SP	POLYUREA PAVEMENT MARKING LINES (24")	366 LF		
0112	4847200000-N	SP	POLYUREA PAVEMENT MARKING CHARACTER	63 EA		
0113	4847220000-N	SP	POLYUREA PAVEMENT MARKING SYMBOL	42 EA		
0114	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	1,433 LF		
0115	4900000000-N	1252	PERMANENT RAISED PAVEMENT MARKERS	1,085 EA		
0116	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
0117	5300000000-E	1505	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (IV)	750 TON		
0118	5306000000-E	SP	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	750 TON		
0119	5366000000-E	1510	8" DI WATER PIPE, PC 350	631 LF		
0120	5378000000-E	1510	12" DI WATER PIPE, PC 350	40 LF		
0121	5384000000-E	1510	16" DI WATER PIPE, PC ***** (350)	1,465 LF		
0122	5396000000-E	1510	*** DI RESTRAINED JOINT WATER PIPE, CLASS ***** (6", 350)	13 LF		
0123	5414000000-E	1510	3/4" COPPER WATER PIPE, TYPE K	113 LF		

County: Orange

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0124	548000000-E	1510	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP	4,635 LB		
0125	550400000-E	1510	**** CORPORATION STOP (3/4")	1 EA		
0126	553400000-E	1510	*** GATE VALVE & VALVE BOX, *****WP (16", 200#)	3 EA		
0127	554600000-E	1510	8" GATE VALVE & VALVE BOX, *****WP (200#)	4 EA		
0128	555800000-E	1510	12" GATE VALVE & VALVE BOX, *****WP (200#)	2 EA		
0129	558200000-E	1510	***X*** TAPPING SADDLE (8" X 3/4")	1 EA		
0130	561200000-E	1510	*** TRANSITION COUPLING, ***** (12", DI TO AC)	2 EA		
0131	561200000-E	1510	*** TRANSITION COUPLING, ***** (8", DI TO AC)	1 EA		
0132	572600000-E	1520	8" DI SEWER PIPE, PC 350	155 LF		
0133	573800000-E	1520	12" DI SEWER PIPE, PC 350	135 LF		
0134	579800000-E	1530	FILL OR REMOVE ABANDONED *** PIPE, ***** (8",AC-WATER)	466 LF		
0135	580400000-E	1530	FILL OR REMOVE ABANDONED 12" PIPE, ***** (AC-WATER)	1,444 LF		
0136	582800000-N	1530	REMOVE EXISTING MANHOLE	1 EA		
0137	600000000-E	1605	TEMPORARY SILT FENCE	550 LF		
0138	600600000-E	1610	STONE FOR EROSION CONTROL, CLASS A	200 TON		
0139	600900000-E	1610	STONE FOR EROSION CONTROL, CLASS B	1,140 TON		

County : Orange

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0140	6012000000-E	1610	SEDIMENT CONTROL STONE	620 TON		
0141	6015000000-E	1615	TEMPORARY MULCHING	8.5 ACR		
0142	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	300 LB		
0143	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	1.25 TON		
0144	6029000000-E	SP	SAFETY FENCE	150 LF		
0145	6030000000-E	1630	SILT EXCAVATION	3,000 CY		
0146	6036000000-E	1631	MATTING FOR EROSION CONTROL	2,425 SY		
0147	6038000000-E	SP	PERMANENT SOIL REINFORCEMENT MAT	135 SY		
0148	6042000000-E	1632	1/4" HARDWARE CLOTH	420 LF		
0149	6084000000-E	1660	SEEDING & MULCHING	8.5 ACR		
0150	6087000000-E	1660	MOWING	5 ACR		
0151	6090000000-E	1661	SEED FOR REPAIR SEEDING	100 LB		
0152	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0153	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	200 LB		
0154	6108000000-E	1665	FERTILIZER TOPDRESSING	6.25 TON		
0155	6114000000-N	SP	SPECIALIZED HAND MOWING	2.5 HR		
0156	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	8 EA		
0157	7036000000-E	1705	PEDESTRIAN SIGNAL HEAD (12", 1 SECTION)	4 EA		
0158	7060000000-E	1705	SIGNAL CABLE	3,850 LF		
0159	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	32 EA		

County: Orange

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0160	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	2 EA		
0161	7144000000-E	1705	VEHICLE SIGNAL HEAD (12", 5 SECTION)	2 EA		
0162	7180000000-N	1706	BACKPLATE	17 EA		
0163	7264000000-E	1710	MESSENGER CABLE (3/8")	875 LF		
0164	7279000000-E	1715	TRACER WIRE	1,910 LF		
0165	7300000000-E	1715	TRENCHING (UNPAVED)	1,939 LF		
0166	7301000000-E	SP	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 1)	485 LF		
0167	7301000000-E	SP	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 2)	638 LF		
0168	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	22 EA		
0169	7336000000-N	1716	JUNCTION BOX (OVER-SIZED)	9 EA		
0170	7360000000-N	1720	WOOD POLE	3 EA		
0171	7372000000-N	1721	GUY ASSEMBLY	10 EA		
0172	7408000000-E	1722	1" RISER WITH WEATHERHEAD	1 EA		
0173	7420000000-E	1722	2" RISER WITH WEATHERHEAD	4 EA		
0174	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	3,307 LF		
0175	7456000000-E	1726	LEAD-IN CABLE	4,570 LF		
0176	7516000000-E	1730	COMMUNICATIONS CABLE (**FIBER) (12)	2,195 LF		
0177	7552000000-N	1731	INTERCONNECT CENTER	4 EA		
0178	7566000000-N	1733	DELINEATOR MARKER	9 EA		

County : Orange

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0179	7568000000-N	SP	FURNISH FIBER-OPTIC RESTORATION KIT	1 EA		
0180	7570000000-N	SP	FURNISH FIBER-OPTIC POWER METER	1 EA		
0181	7572000000-N	SP	FURNISH OPTICAL LIGHT GENERATOR	1 EA		
0182	7574000000-N	SP	FURNISH FIBER-OPTIC TRANSCEIVER	1 EA		
0183	7575000000-N	SP	FIBER-OPTIC TRAINING	Lump Sum	L.S.	
0184	7575160000-E	SP	REMOVE EXISTING COMMUNICATIONS CABLE	5,920 LF		
0185	7588000000-N	1741	SIGNAL SUPPORT MAST ARM WITH METAL POLE	2 EA		
0186	7590000000-N	SP	DOUBLE MAST ARM WITH METAL POLE	3 EA		
0187	7613000000-N	SP	SOIL TEST	5 EA		
0188	7614000000-E	SP	DRILLED PIER FOUNDATION (***) DIA) (48")	75 LF		
0189	7624000000-N	1743	SIGNAL PEDESTAL WITH FOUNDATION	5 EA		
0190	7631000000-N	1744	MAST ARM WITH METAL POLE DESIGN	5 EA		
0191	7636000000-N	1745	SIGN FOR SIGNALS	10 EA		
0192	7684000000-N	1750	SIGNAL CABINET FOUNDATION	5 EA		
0193	7688000000-N	SP	CABINET BASE ADAPTER	5 EA		
0194	7756000000-N	1751	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	5 EA		
0195	7780000000-N	SP	DETECTOR CARD (TYPE 2070L)	15 EA		

County : Orange

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0196	7980000000-N	SP	GENERIC SIGNAL ITEM FIBER-OPTIC TRANSCEIVER SELF- HEALING RING	4 EA		
0197	7980000000-N	SP	GENERIC SIGNAL ITEM GPS UNIT	3 EA		
0198	7980000000-N	SP	GENERIC SIGNAL ITEM MASTER CONTROLLER W/ CABINET, NEMA TS-1	1 EA		
0199	7990000000-E	SP	GENERIC SIGNAL ITEM UNDERGROUND POLYETHYLENE CON- DUIT 2", (1 CONDUIT)	1,425 LF		
1112/Jan12/Q213846.25/D852531730000/E199			Total Amount Of Bid For Entire Project :			

C201415 (U-4008)
ORANGE County

2/16/99

Contract No: C201415
County: Orange

ACCEPTED BY THE
DEPARTMENT OF TRANSPORTATION

Contract Officer

Date

Execution of Contract and Bonds
Approved as to Form:

Attorney General