

County : Orange

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	0043000000-N	226	GRADING	Lump Sum	L.S.	
0004	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUB-BING	1 ACR		
0005	0057000000-E	226	UNDERCUT EXCAVATION	900 CY		
0006	0080000000-E	SP	CLASS IV SUBGRADE STABILIZATION	300 TON		
0007	0134000000-E	240	DRAINAGE DITCH EXCAVATION	3,360 CY		
0008	0141000000-E	240	BERM DITCH CONSTRUCTION	300 LF		
0009	0195000000-E	265	SELECT GRANULAR MATERIAL	500 CY		
001C	0196000000-E	270	FABRIC FOR SOIL STABILIZATION	500 SY		
0011	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	255 TON		
0012	0360000000-E	310	12" RC PIPE CULVERTS, CLASS III	8 LF		
0013	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	912 LF		
0014	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	80 LF		
001E	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	92 LF		
001E	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	28 LF		
0017	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	396 LF		

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001E	0396000000-E	310	42" RC PIPE CULVERTS, CLASS III	540	LF	
001E	0402000000-E	310	48" RC PIPE CULVERTS, CLASS III	32	LF	
002C	0408000000-E	310	54" RC PIPE CULVERTS, CLASS III	180	LF	
0021	0708000000-E	310	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	124	LF	
0022	0806000000-E	310	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	5	EA	
0023	0980000000-E	SP	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (15", 0.500")	208	LF	
0024	0980000000-E	SP	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (36", 0.500")	256	LF	
002E	0980000000-E	SP	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (54", 0.750")	60	LF	
002E	0980000000-E	SP	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (72", 1.000")	76	LF	
0027	0995000000-E	340	PIPE REMOVAL	579	LF	
002E	1110000000-E	510	STABILIZER AGGREGATE	450	TON	
002E	1121000000-E	520	AGGREGATE BASE COURSE	1,815	TON	
003C	1220000000-E	545	INCIDENTAL STONE BASE	250	TON	
0031	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (2.5")	3,900	SY	

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0032	1489000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0B	250	TON	
0033	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	4,300	TON	
0034	1498000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	1,100	TON	
0035	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	3,150	TON	
0036	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	815	TON	
0037	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	3,200	TON	
0038	1560000000-E	620	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	450	TON	
0039	1565000000-E	620	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	210	TON	
0040	1891000000-E	SP	GENERIC PAVING ITEM STREET PRINT	175	SY	
0041	2022000000-E	815	SUBDRAIN EXCAVATION	115	CY	
0042	2033000000-E	815	SUBDRAIN FINE AGGREGATE	85	CY	
0043	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	500	LF	
0044	2055000000-E	815	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	15	EA	
0045	2066000000-N	815	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	1	EA	
0046	2077000000-E	815	6" OUTLET PIPE (SUBDRAINS)	6	LF	
0047	2209000000-E	838	ENDWALLS	13	CY	
0048	2220000000-E	838	REINFORCED ENDWALLS	7.5	CY	

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0049	2253000000-E	840	PIPE COLLARS	2.5 CY		
005C	2264000000-E	840	PIPE PLUGS	1.5 CY		
0051	2275000000-E	SP	FLOWABLE FILL	25 CY		
0052	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	28 EA		
0053	2297000000-E	840	MASONRY DRAINAGE STRUCTURES	8.5 CY		
0054	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	37 LF		
005E	2352000000-N	840	FRAME WITH GRATE, STD 840.**** (840.16)	1 EA		
005F	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	8 EA		
0057	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	7 EA		
005E	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	2 EA		
0059	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	2 EA		
006C	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	4 EA		
0061	2396000000-N	840	FRAME WITH COVER, STD 840.54	4 EA		
0062	2440000000-N	840	CONCRETE APRON FOR CATCH BASIN	6 EA		
0063	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	1,875 LF		
0064	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	150 LF		
006E	2577000000-E	846	CONCRETE EXPRESSWAY GUTTER	760 LF		
006E	2598000000-E	848	CONCRETE WHEELCHAIR RAMPS	25 SY		

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0067	2619000000-E	850	4" CONCRETE PAVED DITCH	44 SY		
006E	2647000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	425 SY		
006E	2724000000-E	857	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	280 LF		
007C	2739000000-E	852	GENERIC PAVING ITEM 6" CONC ISLAND COVERS	1,125 SY		
0071	2759000000-N	SP	GENERIC PAVING ITEM HINGED METAL BOLLARDS	6 EA		
0072	2830000000-N	858	ADJUSTMENT OF MANHOLES	6 EA		
0073	2995000000-N	SP	GENERIC DRAINAGE ITEM CONVERT DI TO OTCB	1 EA		
0074	3030000000-E	862	STEEL BM GUARDRAIL	925 LF		
007E	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	5 EA		
007E	3210000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	2 EA		
0077	3270000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350	4 EA		
007E	3317000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE B-77	2 EA		
007E	3628000000-E	876	PLAIN RIP RAP, CLASS I	105 TON		
008C	3649000000-E	876	PLAIN RIP RAP, CLASS B	625 TON		
0081	3656000000-E	876	FILTER FABRIC FOR DRAINAGE	2,525 SY		
0082	3982000000-N	SP	GENERIC WALL ITEM PILE / PANEL WALL	Lump Sum	L.S.	
0083	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	1,085 LF		

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0084	4082200000-N	SP	OVERHEAD SIGN ASSEMBLY AT STA ***** (19 + 50.00)	Lump Sum	L.S.	
008E	4082200000-N	SP	OVERHEAD SIGN ASSEMBLY AT STA ***** (28 + 70.00)	Lump Sum	L.S.	
008E	4096000000-N	904	SIGN ERECTION, TYPE D	5 EA		
0087	4102000000-N	904	SIGN ERECTION, TYPE E	28 EA		
008E	4129000000-N	906	RELOCATE SIGN, TYPE ***** (D)	5 EA		
008E	4129000000-N	906	RELOCATE SIGN, TYPE ***** (E)	4 EA		
009C	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	44 EA		
0091	4192000000-N	907	DISPOSAL OF SUPPORT, U-CHANNEL	4 EA		
0092	4412000000-E	SP	WORK ZONE SIGNS (STATIONARY)	214 SF		
009E	4412100000-E	SP	WORK ZONE SIGNS (PORTABLE)	200 SF		
0094	4412200000-E	SP	WORK ZONE SIGNS (BARRICADE MOUNTED)	32 SF		
009E	4415000000-N	1115	FLASHING ARROW PANELS, TYPE C	2 EA		
009E	4420000000-N	1120	CHANGEABLE MESSAGE SIGN	2 EA		
0097	4430000000-N	1130	DRUMS	93 EA		
009E	4435000000-N	1135	CONES	50 EA		
009E	4446100000-E	SP	BARRICADES (TYPE III)	110 LF		
010C	4450000000-N	1150	FLAGGER	160 HR		
0101	4510000000-N	SP	POLICE	300 HR		

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0102	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	2,508	EA	
0103	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	23,144	LF	
0104	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	271	LF	
0105	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	366	LF	
0106	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	63	EA	
0107	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	42	EA	
0108	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	94,000	LF	
0109	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	600	LF	
0110	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	1,400	LF	
0111	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	96	EA	
0112	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	170	EA	
0113	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	1,433	LF	
0114	4900000000-N	1252	PERMANENT RAISED PAVEMENT MARKERS	1,085	EA	
0115	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
0116	5300000000-E	1505	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (IV)	750	TON	
0117	5306000000-E	SP	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	750	TON	

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011E	5366000000-E	1510	8" DI WATER PIPE, PC 350	628 LF		
011E	5378000000-E	1510	12" DI WATER PIPE, PC 350	40 LF		
012C	5384000000-E	1510	16" DI WATER PIPE, PC ***** (350)	1,464 LF		
0121	5396000000-E	1510	*** DI RESTRAINED JOINT WATER PIPE, CLASS ***** (6", 350)	13 LF		
0122	5408000000-E	1510	**** COPPER WATER PIPE, TYPE K (1")	25 LF		
012E	5408000000-E	1510	**** COPPER WATER PIPE, TYPE K (2")	113 LF		
0124	5414000000-E	1510	3/4" COPPER WATER PIPE, TYPE K	124 LF		
012E	5504000000-E	1510	**** CORPORATION STOP (3/4")	1 EA		
012E	5528000000-E	1510	2" CORPORATION STOP	1 EA		
0127	5534000000-E	1510	*** GATE VALVE & VALVE BOX, *****WP (1", 200#)	1 EA		
012E	5540000000-E	1510	6" GATE VALVE & VALVE BOX, 200# WP	1 EA		
012E	5546000000-E	1510	8" GATE VALVE & VALVE BOX, *****WP (200#)	6 EA		
013C	5558000000-E	1510	12" GATE VALVE & VALVE BOX, *****WP (200#)	2 EA		
0131	5582000000-E	1510	***X*** TAPPING SADDLE (16" X 1")	1 EA		
0132	5582000000-E	1510	***X*** TAPPING SADDLE (16" X 3/4")	1 EA		
013E	5582000000-E	1510	***X*** TAPPING SADDLE (8" X 2")	1 EA		

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0134	5582000000-E	1510	***X*** TAPPING SADDLE (8" X 3/4")	1	EA	
0135	5720000000-E	1520	*** DI SEWER PIPE, PC ***** (4", 350)	233	LF	
0136	5726000000-E	1520	8" DI SEWER PIPE, PC 350	155	LF	
0137	5738000000-E	1520	12" DI SEWER PIPE, PC 350	135	LF	
0138	5771000000-E	1520	GENERIC UTILITY ITEM 4" PVC SEWER PIPE, SCH 40	191	LF	
0139	5798000000-E	1530	FILL OR REMOVE ABANDONED *** PIPE, ***** (8", AC-WATER)	466	LF	
0140	5804000000-E	1530	FILL OR REMOVE ABANDONED 12" PIPE, ***** (AC-WATER)	1,444	LF	
0141	5822000000-N	1530	BREAK DOWN & REBUILD EXISTING MANHOLE	1	EA	
0142	5828000000-N	1530	REMOVE EXISTING MANHOLE	1	EA	
0143	5882000000-N	SP	GENERIC UTILITY ITEM 12" TRANSITION COUPLING, DI TO AC	2	EA	
0144	5882000000-N	SP	GENERIC UTILITY ITEM 16" BUTTERFLY VALVE & 6' DIA MANHOLE, 250# WP	4	EA	
0145	5882000000-N	SP	GENERIC UTILITY ITEM 8" TRANSITION COUPLING, DI TO AC	1	EA	
0146	5906000000-E	SP	GENERIC UTILITY ITEM DI RESTRAINED JOINT WATER PIPE FITTINGS, 250# MIN WP	4,315	LB	
0147	6000000000-E	1605	TEMPORARY SILT FENCE	550	LF	
0148	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	200	TON	

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0149	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	1,140 TON		
015C	6012000000-E	1610	SEDIMENT CONTROL STONE	620 TON		
0151	6015000000-E	1615	TEMPORARY MULCHING	8.5 ACR		
0152	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	300 LB		
0153	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	1.25 TON		
0154	6029000000-E	SP	SAFETY FENCE	150 LF		
015E	6030000000-E	1630	SILT EXCAVATION	3,000 CY		
0156	6036000000-E	1631	MATTING FOR EROSION CONTROL	2,425 SY		
0157	6038000000-E	SP	PERMANENT SOIL REINFORCEMENT MAT	135 SY		
015E	6042000000-E	1632	1/4" HARDWARE CLOTH	420 LF		
015E	6084000000-E	1660	SEEDING & MULCHING	8.5 ACR		
016C	6087000000-E	1660	MOWING	5 ACR		
0161	6090000000-E	1661	SEED FOR REPAIR SEEDING	100 LB		
0162	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0163	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	200 LB		
0164	6108000000-E	1665	FERTILIZER TOPDRESSING	6.25 TON		
016E	6114000000-N	SP	SPECIALIZED HAND MOWING	2.5 HR		
016E	6132000000-N	SP	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL	8 EA		

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0167	7000000000-E	1705	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION WITH COUNT-DOWN)	4 EA		
016E	7060000000-E	1705	SIGNAL CABLE	3,850 LF		
016E	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	32 EA		
017C	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	2 EA		
0171	7144000000-E	1705	VEHICLE SIGNAL HEAD (12", 5 SECTION)	2 EA		
0172	7180000000-N	1706	BACKPLATE	17 EA		
0173	7264000000-E	1710	MESSENGER CABLE (3/8")	875 LF		
0174	7279000000-E	1715	TRACER WIRE	1,910 LF		
017E	7300000000-E	1715	TRENCHING (UNPAVED)	1,939 LF		
017E	7301000000-E	SP	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 1)	485 LF		
0177	7301000000-E	SP	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 2)	638 LF		
017E	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	22 EA		
017E	7336000000-N	1716	JUNCTION BOX (OVER-SIZED)	9 EA		
018C	7360000000-N	1720	WOOD POLE	3 EA		
0181	7372000000-N	1721	GUY ASSEMBLY	10 EA		
0182	7408000000-E	1722	1" RISER WITH WEATHERHEAD	1 EA		
0183	7420000000-E	1722	2" RISER WITH WEATHERHEAD	4 EA		
0184	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	3,307 LF		

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018E	7456000000-E	1726	LEAD-IN CABLE	4,570 LF		
018E	7516000000-E	1730	COMMUNICATIONS CABLE (**FIBER) (12)	2,195 LF		
0187	7552000000-N	1731	INTERCONNECT CENTER	4 EA		
018E	7566000000-N	1733	DELINEATOR MARKER	9 EA		
018E	7568000000-N	SP	FURNISH FIBER-OPTIC RESTORA- TION KIT	1 EA		
019C	7570000000-N	SP	FURNISH FIBER-OPTIC POWER ME- TER	1 EA		
0191	7572000000-N	SP	FURNISH OPTICAL LIGHT GENERA- TOR	1 EA		
0192	7574000000-N	SP	FURNISH FIBER-OPTIC TRANSCEIV- ER	1 EA		
019E	7575000000-N	SP	FIBER-OPTIC TRAINING	Lump Sum	L.S.	
0194	7575160000-E	SP	REMOVE EXISTING COMMUNICATIONS CABLE	5,920 LF		
019E	7613000000-N	SP	SOIL TEST	5 EA		
019E	7624000000-N	1743	SIGNAL PEDESTAL WITH FOUNDA- TION	5 EA		
0197	7636000000-N	1745	SIGN FOR SIGNALS	10 EA		
019E	7684000000-N	1750	SIGNAL CABINET FOUNDATION	5 EA		
019E	7688000000-N	SP	CABINET BASE ADAPTER	5 EA		
020C	7756000000-N	1751	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	5 EA		
0201	7780000000-N	SP	DETECTOR CARD (TYPE 2070L)	15 EA		
0202	7980000000-N	SP	GENERIC SIGNAL ITEM FIBER-OPTIC TRANSCEIVER SELF- HEALING RING	4 EA		

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0203	7980000000-N	SP	GENERIC SIGNAL ITEM GPS UNIT	3	EA	
0204	7980000000-N	SP	GENERIC SIGNAL ITEM MAST ARM WITH METAL POLE DE- SIGN	5	EA	
0205	7980000000-N	SP	GENERIC SIGNAL ITEM MASTER CONTROLLER W/ CABINET, NEMA TS-1	1	EA	
0206	7980000000-N	SP	GENERIC SIGNAL ITEM METAL POLE WITH DOUBLE MAST ARM	3	EA	
0207	7980000000-N	SP	GENERIC SIGNAL ITEM METAL POLE WITH SINGLE MAST ARM	2	EA	
0208	7990000000-E	SP	GENERIC SIGNAL ITEM UNDERGROUND POLYETHYLENE CON- DUIT 2", (1 CONDUIT)	1,425	LF	
0209	7992000000-E	SP	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION	40	CY	

1343/Apr11/Q214546.25/D907161460000/E209

Total Amount Of Bid For Entire Project :

C201580
County: Orange

2/16/99

Contract No: C201580
County: Orange

ACCEPTED BY THE
DEPARTMENT OF TRANSPORTATION

Contract Officer

Date

Execution of Contract and Bonds
Approved as to Form:

Attorney General