

REF NO.	ITEM SPEC.	DESCRIPTION	UNIT	QUANT	UNIT COST	TOTAL
		<b>ROADWAY ITEMS</b>				
1	201	CLEARING & GRUBBING, INCLUDING TREE REMOVAL	LS	1		
2	202	PAVEMENT REMOVED	SY	2040		
3	202	PAVEMENT REMOVED, ASPHALT	SY	2265		
4	202	WALK REMOVED	SF	14020		
5	202	STEPS REMOVED	F	32		
6	202	CONCRETE CURB REMOVED	F	4110		
7	202	PIPE REMOVED	F	566		
8	202	CATCH BASIN/INLET REMOVED	EA	18		
9	202	MANHOLE REMOVED	EA	2		
10	202	FENCE REMOVED	F	62		
11	202	LAMP HOLE REMOVED	EA	1		
12	202	PRIVATE SIGN REMOVED	EA	12		
13	202	MASONRY WALL REMOVED	F	132		
14	202	TRENCH DRAIN REMOVED	EA	35		
15	203	EXCAVATION, NOT INCLUDING EMBANKMENT	CY	2855		
16	203	EMBANKMENT	CY	385		
17	204	SUBGRADE COMPACTION	SY	3115		
18	204	EXCAVATION OF SUBGRADE, AS PER PLAN	CY	985		
19	204	GRANULAR MATERIAL, TYPE C, AS PER PLAN	CY	985		
20	204	PROOF ROLLING	HR	5		
21	204	GEOTEXTILE FABRIC, AS PER PLAN	SY	3115		
22	252	FULL DEPTH PAVEMENT SAWING	F	3655		
23	254	PAVEMENT PLANING	SY	16320		
24	255	FULL DEPTH PAVEMENT SAWING	F	270		
25	301	ASPHALT CONCRETE BASE, PG64-22	CY	620		
26	301	ASPHALT CONCRETE BASE, PG64-22, FOR DRIVEWAYS	CY	210		
27	304	AGGREGATE BASE	CY	425		
28	410	TRAFFIC COMPACTED SURFACE, TYPE A	CY	285		
29	442	ASPHALT CONCRETE INTERMEDIATE COURSE, 19mm, TYPE A (448)	CY	1035		
30	442	ASPHALT CONCRETE SURFACE, TYPE B. 12.5 mm, TYPE A, 448	CY	780		
31	442	ASPHALT CONCRETE SURFACE, TYPE B. 12.5 mm, TYPE A, 448, FOR DRIVEWAYS	CY	65		
32	452	NON-REINFORCED CONCRETE PAVEMENT (6"), CLASSQC1	SY	7		
33	452	NON-REINFORCED CONCRETE PAVEMENT (8"), CLASSQC1	SY	1520		

REF NO.	ITEM SPEC.	DESCRIPTION	UNIT	QUANT	UNIT COST	TOTAL
		<b>ROADWAY ITEMS CONTIUE</b>				
34	608	CONCRETE WALK (5")	SF	10570		
35	608	CONCRETE WALK (5"), STAMPED, AS PER PLAN	SF	2165		
36	608	CONCRETE WALK (5") WITH INTEGRAL CURB, AS PER	SF	760		
37	608	CONCRETE WALK (6")	SF	320		
38	608	CONCRETE WALK (8")	SF	5335		
39	608	CONCRETE STEPS, TYPE A	F	68		
40	608	CURB RAMP	SF	1930		
41	609	CURB, TYPE 6	F	4565		
42	611	4" BASE PIPE UNDERDRAINS	F	4150		
43	611	4" CONDUIT, TYPE F	F	100		
44	611	4" CONDUIT, TYPE F, FOR UNDERDRAIN OUTLET	F	90		
45	611	6" CONDUIT, TYPE C	F	35		
46	611	6" CONDUIT, TYPE F	F	140		
47	611	12" CONDUIT, TYPE B	F	518		
48	611	12" CONDUIT, TYPE C	F	81		
49	611	12" CONDUIT, TYPE D	F	17		
50	611	15" CONDUIT, TYPE B	F	37		
51	611	15" CONDUIT, TYPE C	F	117		
52	611	18" CONDUIT, TYPE B	F	46		
53	611	18" CONDUIT, TYPE C	F	69		
54	611	72" CONDUIT, TYPE B	F	56		
55	611	CATCH BASIN No. 2-3	EA	2		
56	611	CATCH BASIN No. 2-6	EA	1		
57	611	CATCH BASIN No. 3A	EA	13		
58	611	CATCH BASIN No. 3	EA	4		
59	611	CATCH BASIN No. 6	EA	1		
60	611	MANHOLE No. 3	EA	8		
61	611	MANHOLE No. 3MH	EA	4		
62	611	MANHOLE ADJUSTED TO GRADE	EA	2		
63	611	MONUMENT BOX ADJUSTED TO GRADE	EA	1		
64	611	6" CONDUIT, TYPE B (SANITARY)	F	100		
65	611	6" CONDUIT, TYPE C (SANITARY)	F	100		
66	611	12" CONDUIT, TYPE B (SANITARY)	F	5		
67	611	MANHOLE No. 3 (SANITARY)	EA	1		
68	611	MANHOLE ADJUSTED TO GRADE (SANITARY)	EA	7		
69	611	PRE- AND POST-CONSTRUCTION REMOTE INSPECTION OF EXISTING 12" SANITARY SEWER	LS	1		
70	SPL	CONCRETE MASONRY (SANITARY)	CY	1		

REF NO.	ITEM SPEC.	DESCRIPTION	UNIT	QUANT	UNIT COST	TOTAL
		<b>ROADWAY ITEMS CONTIUE</b>				
71	614	MAINTAINING TRAFFIC	LS	1		
72	614	LAW ENFORCEMENT OFFICER W/PATROL CAR FOR ASSISTANCE	HR	750		
73	614	WORK ZONE CENTERLINE, CLASS I, 740.06, TYPE 1	F	13150		
74	614	WORK ZONE LANE LINE, CLASS I, 740.06, TYPE 1	F	2700		
75	614	WORK ZONE EDGE LINE, CLASS I, 740.06, TYPE 1	F	5225		
76	614	WORK ZONE CHANNELIZING LINE, CLASS I, 740.06, TYPE 1	F	1725		
77	614	WORK ZONE DOTTED LINE, CLASS I, 740.06, TYPE 1	F	410		
78	614	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 740.06, TYPE 1	F	70		
79	614	WORK ZONE STOP LINE, CLASS I, 642 PAINT	F	270		
80	614	WORK ZONE CROSSWALK LINE, CLASS I	F	2300		
81	614	WORK ZONE ARROW, CLASS I, 740.06, TYPE 1	EA	52		
82	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	LS	1		
83	624	MOBILIZATION	LS	1		
84	653	TOPSOIL, FURNISHED & PLACED	CY	150		
85	659	SEEDING & MULCHING, CLASS 1	SY	1750		
86	659	COMMERCIAL FERTILIZER	TON	0.2		
87	659	LIME	AC	0.4		
88	659	WATER	MGAL	9.0		
89	832	STORM WATER POLLUTION PLAN	LS	1		
90	832	EROSION CONTROL	EA	50000		
91	859	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 1	EA	1		
92	878	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	LS	1		
93	SPL	PERFORMANCE BOND	LS	1		
94	SPL	FULL DEPTH PAVEMENT REPAIR, AS DIRECTED BY ENGINEER	CY	2000		
95	SPL	STORM SEWER "AS BUILT" DRAWINGS	LS	1		
96	SPL	FILL AND PLUG EXISTING CONDUIT	F	2		
97	SPL	MODULAR LANDSCAPING WALL REMOVED AND RESET	F	17		
98	SPL	ORNAMENTAL ALUMINUM FENCE, AS PER PLAN	F	170		
99	SPL	GEOGRID FOR SUBGRADE STABILILZATION, AS PER PLAN, TENSAR BX1300 OR APPROVED EQUAL	SY	2520		
100	SPL	TRENCH DRAIN	F	60		
101	SPL	CORE INTO EXISTING CATCH BASIN	LS	1		
102	SPL	CORE INTO EXISTING MANHOLE	LS	1		
103	SPL	DETENTION BASIN INSPECTION AND REVIEW FEES	LS	1		
104	SPL	UNDERCUTTING, AS DIRECTED BY ENGINEER	CY	100		
		<b>SUBTOTAL FOR ROADWAY ITEMS</b>				\$ _____

REF NO.	ITEM SPEC.	DESCRIPTION	UNIT	QUANT	UNIT COST	TOTAL
		<b>TRAFFIC CONTROL &amp; TRAFFIC SIGNAL ITEMS</b>				
105	625	LIGHT POLE REMOVED	EA	3		
106	625	GROUND ROD	EA	9		
107	625	2" CONDUIT, 725.05	F	145		
108	625	3" CONDUIT, 725.05	F	70		
109	625	CONDUIT, JACKED OR DRILLED, 725.04	F	485		
110	625	TRENCH, 24" DEEP	F	190		
111	625	PULL BOX, 725.08, 18"	EA	7		
112	625	PULL BOX, 725.08, 24"	EA	2		
113	630	COVERING OF SIGN	EA	34		
114	630	SIGN HANGER ASSEMBLY, MAST ARM	EA	23		
115	630	SIGN HANGER ASSEMBLY, POLE MOUNTED	EA	2		
116	630	GROUND MOUNTED SIGN SUPPORT, #3 POST	F	230		
117	630	SIGN POST REFLECTOR	EA	4		
118	630	SIGNS, FLAT SHEET	SF	195		
119	630	SIGNS, STREET NAME, AS PER PLAN	EA	7		
120	630	REMOVAL & DISPOSAL OF GROUND MOUNTED SIGN	EA	20		
121	630	REMOVAL & REERECTION OF GROUND MOUNTED SIGN	EA	1		
122	630	REMOVAL & DISPOSAL OF GROUND MOUNTED POST SUPPORT	EA	20		
123	630	REMOVAL & DISPOSAL OF POLE MOUNTED SIGN	EA	13		
124	632	CONDUIT RISER, 2" DIAMETER	EA	2		
125	632	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	EA	12		
126	632	PEDESTRIAN PUSHBUTTON	EA	6		
127	632	VEHICULAR SIGNAL HEAD (LED), 3 SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, YELLOW WITH BACKPLATE	EA	9		
128	632	VEHICULAR SIGNAL HEAD (LED), 5 SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, YELLOW WITH BACKPLATE	EA	8		
129	632	SIGNAL SUPPORT TC-12.30, DESIGN 8 POLE w/MAST ARMS TC-81.21, DESIGN 11 & DESIGN 13, AS PER PLAN	EA	1		
130	632	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2, AS PER PLAN	EA	1		
131	632	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 3, AS PER PLAN	EA	1		
132	632	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 11, AS PER PLAN	EA	3		
133	632	SIGNAL CABLE, 3 CONDUCTOR, No. 14 AWG	F	1210		
134	632	SIGNAL CABLE, 5 CONDUCTOR, No. 14 AWG	F	1500		
135	632	SIGNAL CABLE, 7 CONDUCTOR, No. 14 AWG	F	3065		
136	632	POWER CABLE, 3 CONDUCTOR, No. 6 AWG	F	200		
137	632	POWER SERVICE, AS PER PLAN	EA	2		

REF NO.	ITEM SPEC.	DESCRIPTION	UNIT	QUANT	UNIT COST	TOTAL
		<b>TRAFFIC CONTROL &amp; TRAFFIC SIGNAL ITEMS</b>				
138	632	SIGNAL SUPPORT FOUNDATION	EA	6		
139	632	PEDESTAL FOUNDATION	EA	4		
140	632	PEDESTAL 8', TRANSFORMER BASE	EA	4		
141	632	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	EA	2		
142	632	COVERING OF VEHICULAR SIGNAL HEAD	EA	17		
143	632	COVERING OF PEDESTRIAN SIGNAL HEAD	EA	12		
144	633	CABINET FOUNDATION	EA	1		
145	633	CONTROLLER WORK PAD	EA	2		
146	633	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS	EA	2		
147	633	CONTROLLER UNIT, TYPE 170E w/CABINET, TYPE 332, AS PER PLAN	EA	1		
148	633	CONTROLLER UNIT, TYPE 170E w/CABINET, TYPE 336, AS PER PLAN	EA	1		
149	644	EDGE LINE, 4"	F	320		
150	644	LANE LINE, 4"	F	2700		
151	644	CENTERLINE	F	5975		
152	644	CHANNELIZING LINE, 8"	F	1190		
153	644	TRANSVERSE/DIAGONAL LINE	F	65		
154	644	DOTTED LINE, 6"	F	235		
155	644	STOP LINE	F	200		
156	644	CROSSWALK LINE	F	795		
157	644	LANE ARROWS	EA	34		
158	644	PARKING LOT STALL MARKING	F	1295		
159	644	REMOVAL OF PAVEMENT MARKING	F	975		
160	816	VIDEO DETECTION SYSTEM	EA	2		
161	816	VIDEO DETECTION SYSTEM, AS PER PLAN	EA	2		
162	503	UNCLASSIFIED EXCAVATION	CY	50		
163	518	POROUS BACKFILL	CY	15		
164	518	4" PERFORATED CORRUGATED PLASTIC PIPE	F	115		
165	610	MODULAR WALL	SF	480		
166	SPL	FILTER FABRIC	SY	30		
167	SPL	LOW PERMEABILITY GRANULAR MATERIAL	CY	5		
168	SPL	WORK INVOLVING PETROLEUM CONTAMINATED SOIL	TON	10		
		<b>SUBTOTAL FOR TRAFFIC CONTROL &amp; SIGNAL ITEMS</b>				<b>\$ _____</b>

REF NO.	ITEM SPEC.	DESCRIPTION	UNIT	QUANT	UNIT COST	TOTAL
		<b>WATER WORKS ITEMS</b>				
169	604	ADJUST EXISTING VALVE CHAMBER TO GRADE	EA	10		
170	1101	FURNISH & LAY 6" DUCTILE IRON PIPE CLASS 55 MECHANICAL JOINTS & FITTINGS	F	117		
171	1101	FURNISH & LAY 8" DUCTILE IRON PIPE CLASS 55 MECHANICAL JOINTS & FITTINGS	F	51		
172	1101	FURNISH & LAY 24" DUCTILE IRON PIPE CLASS 55 MECHANICAL JOINTS & FITTINGS	F	36		
173	1110	CONCRETE CLASS QC	CY	16		
174	1113	RELOCATED FIRE HYDRANT	EA	5		
175	1115	FURNISH & INSTALL FIRE HYDRANT EXTENSION (6" LONG)	EA	4		
176	1115	FURNISH & INSTALL FIRE HYDRANT EXTENSION (12" LONG)	EA	1		
177	1115	FURNISH & INSTALL FIRE HYDRANT EXTENSION (18" LONG) *	EA	1		
178	1116	FURNISH & INSTALL VALVE BOX COMPLETE	EA	1		
179	1122	REMOVE EXISTING VALVE BOX	EA	1		
180	1125	RESET EXISTING VALVE BOX COMPLETE	EA	31		
181	1126	FURNISH & INSTALL 3/4" COPPER SERVICE PIPE W/AQUA SHIELD	F	588		
182	1126	FURNISH & INSTALL 1" COPPER SERVICE PIPE W/AQUA SHIELD	F	195		
183	1126	FURNISH & INSTALL 1 1/2" COPPER SERVICE PIPE W/AQUA SHIELD	F	24		
184	1126	FURNISH & INSTALL 2" COPPER SERVICE PIPE W/AQUA SHIELD	F	151		
185	1131	FURNISH & INSTALL CURB & ROADWAY BOX (RENEW)	EA	28		
186	1132	RESET EXISTING CURB & ROADWAY BOX	EA	3		
187	1134	RELOCATE EXISTING 5/8" FROST-PROOF METER SETTING	EA	3		
188	1134	RELOCATE EXISTING 3/4" FROST-PROOF METER SETTING	EA	1		
189	1134	RELOCATE EXISTING 1" FROST-PROOF METER SETTING	EA	1		
190	1134	RELOCATE EXISTING 1 1/2" FROST-PROOF METER SETTING	EA	2		
191	509	REINFORCING STEEL	LBS	2,167		
192	602	BRICK MASONRY *	CY	1		
193	638	SHEETING & BRACING ORDERED LEFT IN PLACE *	MFBM	1		
		<b>* DENOTES WATER WORKS CONTINGENCY ITEM</b>				
		<b>SUBTOTAL FOR WATER WORKS ITEMS</b>				\$ _____
		<b>CONTINGENCY AMOUNT</b>				<b><u>\$400,000.00</u></b>

REF NO.	ITEM SPEC.	DESCRIPTION	UNIT	QUANT	UNIT COST	TOTAL
		<b>ALTERNATE ITEMS</b>				
194	611	12" CONDUIT, TYPE B, 707.33, W/CLSM-CDF BACKFILL	F	518		
195	611	12" CONDUIT, TYPE C, 707.33	F	81		
196	611	15" CONDUIT, TYPE B, 707.33, W/CLSM-CDF BACKFILL	F	17		
197	611	15" CONDUIT, TYPE C, 707.33	F	117		
198	611	18" CONDUIT, TYPE B, 707.33, W/CLSM-CDF BACKFILL	F	46		
199	611	18" CONDUIT, TYPE C, 707.33	F	69		
200	611	72" CONDUIT, TYPE B, 707.33, W/CLSM-CDF BACKFILL	F	56		
		<b>TOTAL FOR PROJECT</b>				\$ _____
		<b>(DO NOT INCLUDE ALTERNATE ITEMS)</b>				
		<b>CONTRACTOR'S NAME:</b> _____				
		<b>CONTRACTOR'S ADDRESS:</b> _____ _____				