

Schedule of Estimated Quantities

Line Item No.	Item Code	Item Description	Units	Quantity
1	01 21 00.01	CONTINGENCY ALLOWANCE	LS	1
2	01 51 00.1	TEMPORARY WATER SUPPLY SYSTEM	LS	1
3	01 52 13.1	FIELD OFFICE	LS	1
4	01 55 25.01	MAINTENANCE OF TRAFFIC	LS	1
5	01 71 13.01	MOBILIZATION	LS	1
6	01 71 23.01	FIELD ENGINEERING (STAKING)	LS	1
7	02 41 13.01	DEMO EXISTING BUILDING	LS	1
8	02 41 33.01	REMOVE CONCRETE CURB AND GUTTER	LF	810
9	02 41 33.02	REMOVE BITUMINOUS PAVEMENT	SY	185
10	02 41 33.03	REMOVE CONCRETE PAVEMENT	SY	2880
11	02 41 33.04	REMOVE STORM SEWER PIPE	LF	285
12	02 41 33.05	REMOVE STORM STRUCTURE	EA	3
13	02 41 33.06	REMOVE SANITARY SEWER PIPE	LF	265
14	02 41 33.07	REMOVE SANITARY SEWER MANHOLE	EA	1
15	02 41 33.08	ABANDON WATER MAIN	LF	280
16	02 41 33.09	SALVAGE HYDRANT	EA	1
17	02 41 33.10	REMOVE GATE VALVE	EA	1
18	02 41 33.11	SAWING CONCRETE PAVEMENT	LF	290
19	02 41 33.12	SAWING BITUMINOUS PAVEMENT	LF	165
20	02 41 33.13	REMOVE JERSEY BARRIERS	LF	250
21	02 41 33.14	SALVAGE AND REPLACE BRICK PAVERS	LS	1
22	02 41 33.15	SALVAGE AND REPLACE STONE LANDSCAPING	LS	1
23	02 60 10.01	HANDLING OF CONTAMINATED SOIL/DEBRIS	CY	120
24	26 56 19.01	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	4893
25	26 56 19.02	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	LF	10
26	26 56 19.03	CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH	LF	145
27	26 56 19.04	ELECTRICAL WIRE LIGHTING 12 AWG	LF	4200
28	26 56 19.05	ELECTRICAL WIRE LIGHTING 10 AWG	LF	37415
29	27 56 19.06	ELECTRICAL WIRE LIGHTING 4 AWG	LF	6152
30	26 56 19.07	CONDUIT SYSTEM (2-INCH CITY FIBER)	LF	5200
31	26 56 19.08	NON-CONDUCTIVE PULL BOX	EA	4
32	26 56 19.09	LIGHT FOUNDATION DESIGN SPECIAL	EA	56
33	26 56 19.10	LIGHTING UNIT TYPE SPECIAL 1	EA	56
34	26 56 19.11	SERVICE CABINET	EA	1
35	26 56 19.12	EQUIPMENT PAD	EA	1
36	31 23 10.01	COMMON EXCAVATION	CY	10,700
37	31 23 19.01	DEWATERING	LS	1
38	31 23 33.01	REPLACEMENT BACKFILL	TON	28408
39	31 23 33.02	ROCK EXCAVATION	CY	7475
40	31 25 10.01	EROSION MAT - CLASS 1 TYPE A	SY	1360
41	31 25 10.02	SILT FENCE	LF	6200
42	31 25 10.03	FLOATATION SILT SCREEN	LF	175
43	31 25 10.04	INLET PROTECTION	EA	32
44	31 25 10.05	TRACKING PAD	EA	2
45	31 37 00.01	RIPRAP	CY	60
46	32 11 14.01	TEST ROLLING	RD STA	232
47	32 11 26.01	CRUSHED AGGREGATE BASE COURSE	TON	12,458
48	32 12 18.01	ASPHALTIC PAVEMENT,	TON	87
49	32 12 18.02	BITUMINOUS MATERIAL FOR TACK COAT	GAL	15.5

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50	32 12 18.03	ADJUST CASTING	EA	2
51	32 12 18.04	ADJUST VALVE BOX	EA	2
52	32 13 10.01	CONCRETE PAVEMENT (8-INCH)	SY	13,750
53	32 13 10.02	CONCRETE PAVEMENT (6-INCH DRIVEWAY)	SY	40
54	114.01	DRILLED TIE BARS	EA	80
55	32 13 16.01	INTEGRAL CONCRETE COLOR (TYPE 1 LIGHT)	SY	759
56	32 13 16.02	INTEGRAL CONCRETE COLOR (TYPE 2 MEDIUM)	SY	1462
57	32 13 16.03	INTEGRAL CONCRETE COLOR (TYPE 3 DARK)	SY	545
58	32 14 13.01	CONCRETE UNIT PAVERS ON SAND SETTING BED	SF	20807
59	32 14 13.02	CONCRETE UNIT PAVERS ON MORTAR	SF	1628
60	32 16 30.01	CURB AND GUTTER - STANDARD	LF	8,946
61	32 16 30.02	CURB AND GUTTER - REINFORCED DRIVEWAY	LF	89
62	32 16 30.03	CURB AND GUTTER - PEDESTRIAN	LF	12
63	32 17 23.01	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH	LF	3740
64	32 17 23.02	MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH	LF	4110
65	32 17 23.03	MARKING LINE GROOVED WET REFLECTIVE EPOXY 8-INCH	LF	293
66	32 17 23.04	MARKING CROSSWALK GROOVED EPOXY TRANSVERSE LINE 12-INCH	LF	1797
67	32 17 23.05	MARKING STOP LINE GROOVED EPOXY 12-INCH	LF	129
68	32 17 23.06	MARKING ARROW GROOVED EPOXY	EA	10
69	32 17 23.07	MARKING BIKE SYMBOL GROOVED EPOXY	EA	27
70	32 17 23.08	MARKING SPEED TABLE GROOVED EPOXY	EA	32
71	32 17 23.09	MARKING WORD GROOVED EPOXY	EA	1
72	32 17 23.10	MARKING REMOVAL LINE WATER BLASTING 4-INCH	LF	260
73	32 17 23.11	MARKING REMOVAL LINE WATER BLASTING 8-INCH	LF	361
74	32 17 23.12	MARKING REMOVAL LINE WATER BLASTING WIDE	LF	79
75	32 18 40.01	CONCRETE SIDEWALK (6-INCH)	SF	42,510
76	32 18 40.02	CURB RAMP DETECTABLE WARNING FIELD	SF	532
77	32 18 40.03	CURB RAMP DETECTABLE WARNING FIELD - RADIAL	SF	116
78	32 32 20.01	DRY CAST MODULAR BLOCK RETAINING WALL	SF	1,580
79	32 40 00.01	BENCH SEATING	EA	48
80	32 40 20.01	STONE BLOCK TYPE 1	EA	15
81	32 40 20.02	STONE BLOCK TYPE 2	EA	15
82	32 40 20.03	STONE BLOCK TYPE 3	EA	17
83	32 92 12.01	TURF ESTABLISHMENT	SY	5840
84	32 93 00.01	EXTERIOR PLANTS	LS	1
85	32 94 60.01	PAVEMENT SUPPORT SYSTEM	LS	1
86	407.01	DIP CLASS 350 WATER MAIN (4-INCH)	LF	884
87	407.02	DIP CLASS 350 WATER MAIN (6-INCH)	LF	176
88	407.03	DIP CLASS 350 WATER MAIN (8-INCH)	LF	140
89	407.04	DIP CLASS 350 WATER MAIN (10-INCH)	LF	885
90	407.05	DIP CLASS 350 WATER MAIN (12-INCH)	LF	2661
91	411.01	RESILIENT-SEATED GATE VALVE (4-INCH)	EA	17
92	411.02	RESILIENT-SEATED GATE VALVE (8-INCH)	EA	2
93	411.03	RESILIENT-SEATED GATE VALVE (10-INCH)	EA	18
94	411.04	RESILIENT-SEATED GATE VALVE (12-INCH)	EA	10
95	420.01	CORPORATION STOP (1-INCH)	EA	1
96	420.02	CORPORATION STOP (2-INCH)	EA	4
97	421.01	COPPER WATER SERVICE LINE (1-INCH)	LF	25
98	421.02	COPPER WATER SERVICE LINE (2-INCH)	LF	201

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99	422.01	CURB STOP SHUT-OFF AND BOX (1-INCH)	EA	1
100	422.02	CURB STOP SHUT-OFF AND BOX (2-INCH)	EA	4
101	416.02	HYDRANT AND VALVE CLUSTER GROUP (SHORT LEAD)	EA	12
102	33 01 30.01	SEWER TELEVISIONING	LF	8288
103	33 11 00.01	LOWER WATER MAIN	EA	7
104	33 11 00.02	CONNECT TO EXISTING WATER SERVICE	EA	2
105	33 11 00.03	CONNECT TO EXISTING WATER MAIN	EA	2
106	33 11 00.04	INSULATION, 4-INCH	SY	214
107	606.01	SDR-26/PS115 PVC SANITARY SEWER PIPE (8-INCH)	LF	1689
108	606.02	SDR-26/PS115 PVC SANITARY SEWER PIPE (10-INCH)	LF	714
109	606.03	SDR-26/PS115 PVC SANITARY SEWER PIPE (12-INCH)	LF	1253
110	608.01	SDR-26/PS115 PVC SANITARY LATERAL (4-INCH)	LF	66
111	608.02	SDR-26/PS115 PVC SANITARY LATERAL (6-INCH)	LF	114
112	33 31 00.01	6-INCH PVC PLUG	EA	2
113	33 31 00.02	8-INCH PVC PLUG	EA	18
114	33 31 00.03	10-INCH PVC PLUG	EA	1
115	33 31 00.04	12-INCH BY 4-INCH WYE	EA	2
116	33 31 00.05	12-INCH BY 6-INCH WYE	EA	2
117	620.01	STANDARD 48" PRE-CAST CONCRETE MANHOLE (10'-14' BUILD)	EA	4
118	620.02	STANDARD 48" PRE-CAST CONCRETE MANHOLE (14'-18' BUILD)	EA	8
119	620.03	STANDARD 48" PRE-CAST CONCRETE MANHOLE (18'-22' BUILD)	EA	8
120	33 31 00.01	ECCENTRIC REDUCER COUPLING (12-INCH X 8-INCH)	EA	1
121	33 31 00.02	CONNECT TO LIFT STATION	EA	1
122	33 31 00.03	CONNECT TO EXISTING SANITARY SEWER MAIN	EA	1
123	33 31 00.04	CONNECT TO EXISTING SANITARY SEWER SERVICE	EA	2
124	33 34 00.01	LOWER 18" DIA. FORCE MAIN	EA	1
125	33 34 00.02	LOWER 24" DIA. FORCE MAIN	EA	1
126	640.01	BY-PASS PUMPING	LS	1
127	208.01	CL 3 RCP STORM SEWER (12-INCH)	LF	288
128	208.02	CL 3 RCP STORM SEWER (15-INCH)	LF	57
129	208.03	CL 3 RCP STORM SEWER (18-INCH)	LF	139
130	208.04	CL 3 RCP STORM SEWER (24-INCH)	LF	121
131	208.05	CL 3 RCP STORM SEWER (30-INCH)	LF	358
132	208.06	CL 3 RCP STORM SEWER (36-INCH)	LF	1156
133	208.07	CL 3 RCP STORM SEWER (42-INCH)	LF	486
134	208.08	CL 3 RCP STORM SEWER (48-INCH)	LF	274
135	208.09	CL 3 RCP STORM SEWER (54-INCH)	LF	351
136	208.10	CL 3 RCP STORM SEWER (66-INCH)	LF	70
137	208.11	CL 3 RCP STORM SEWER (72-INCH)	LF	35
138	209.01	CL 4 RCP STORM SEWER (18-INCH)	LF	270
139	209.02	CL 4 RCP STORM SEWER (24-INCH)	LF	83
140	209.03	CL 4 RCP STORM SEWER (30-INCH)	LF	63
141	210.01	CL 5 RCP STORM SEWER (12-INCH)	LF	115
142	210.02	CL 5 RCP STORM SEWER (15-INCH)	LF	498
143	210.03	CL 5 RCP STORM SEWER (18-INCH)	LF	64
144	210.04	CL 5 RCP STORM SEWER (36-INCH)	LF	90
145	215.01	CORRUGATED POLYETHYLENE PIPE HDPE (15-INCH)	LF	426
146	33 41 00.01	15-INCH STORM SEWER PLUG	EA	17
147	33 41 00.02	BULKHEAD RCP STORM SEWER	EA	6

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148	33 41 00.03	36-INCH RCP APRON ENDWALLS	EA	3
149	33 41 00.04	48-INCH MANHOLE	EA	3
150	33 41 00.05	54-INCH MANHOLE	EA	2
151	33 41 00.06	60-INCH MANHOLE	EA	6
152	33 41 00.07	66-INCH MANHOLE	EA	3
153	33 41 00.08	72-INCH MANHOLE	EA	7
154	33 41 00.09	96-INCH MANHOLE	EA	1
155	33 41 00.10	48-INCH CATCH BASIN	EA	29
156	33 41 00.11	CONNECT TO EXISTING STORM SEWER PIPE	EA	2
157	33 41 00.12	CONNECT TO EXISTING STORM SEWER STRUCTURE	EA	1
158	33 41 00.13	STORMWATER TREATMENT TANK	LS	1
159	34 41 40.01	SIGN TYPE II	EA	36
160	34 41 40.02	SIGN POST STEEL U-CHANNEL	EA	30
161	34 41 40.03	OBJECT MARKER	EA	18
162	870.01	INSTALL V-LOC SIGN SUPPORT	EA	28
163	910.01	REMOVE CONCRETE BASE (TYPE 1,2)	EA	10
165	911.01	TYPE 1 BASE	EA	3
166	911.02	TYPE 2 BASE	EA	4
164	34 41 11.01	TYPE 10 SPECIAL BASE	EA	4
167	916.02	SIGNAL CONDUIT (2")	LF	81
168	916.03	SIGNAL CONDUIT (3")	LF	871
169	917.01	CONNECT TO EXISTING SIGNAL	EA	1
170	920.01	REMOVE PULL BOX	EA	7
171	921.02	NEW PULL BOX (NON-CONDUCTIVE)	EA	8
172	926.01	SIGNAL WIRING (7-14 AWG)	LF	676
173	926.02	SIGNAL WIRING (12-14 AWG)	LF	923
174	926.03	SIGNAL WIRING (15-14 AWG)	LF	630
175	926.04	EMERGENCY VEHICLE PREEMPTION CABLE	LF	523
176	926.05	CAMERA CABLE	LF	115
177	930.01	REMOVE TRAFFIC SIGNAL (RIVER BEND ROAD)	LS	1
178	931.01	STANDARD POLE (BLACK, 10-FT)	EA	3
179	934.01	TYPE 4 POLE (BLACK, 8-FT)	EA	4
180	34 41 11.02	TYPE 10 SPECIAL POLE (BLACK, 35-FT,8-FT)	EA	2
181	34 41 11.03	TYPE 10 SPECIAL POLE (BLACK, 40-FT,8-FT)	EA	2
182	34 41 11.04	SIGNAL CABINET MODIFICATIONS	LS	1
183	950.01	INSTALL GRIDSMART VIDEO EQUIPMENT (RIVER BEND ROAD)	EA	1
184	953.01	INSTALL EVP DETECTOR (SB2)	EA	1
185	953.02	INSTALL EVP DETECTOR (SB7)	EA	1
186	955.01	TEMPORARY TRAFFIC SIGNAL	LS	1