

QUANTITIES

Item No.	Spec Chap.	Item	Unit	Quantity
1	2	Mobilization	LS	1
2	3	Vehicle Signal Head (12", 3 Section)	EA	73
3	3	Vehicle Signal Head (12", 4 Section)	EA	1
4	3	Vehicle Signal Head (12", 5 Section)	EA	4
5	3	Signal Cable	LF	25,300
6	4	Sign for Signals	EA	6
7	5	LED Blankout Sign	EA	2
8	6	Messenger Cable (3/8")	LF	400
9	6	Messenger Cable (1/4")	LF	89,100
10	7	Trench Polyethylene Conduit, (2")/2	LF	3,300
11	7	Trench Polyethylene Conduit, (2")/1	LF	7,000
12	7	Trench Metallic Conduit, (2")/1	LF	100
13	7	Jack and Bore	LF	200
14	7	Multi-Duct (1.25") in Outer-Duct (4)	LF	200
15	7	Tracer Wire	LF	14,300
16	8	Directional Drill Polyethylene Conduits, (2")/2	LF	8,000
17	8	Directional Drill Polyethylene Conduits, (2")/1	LF	1,800
18	9	Junction Box (Standard Size)	EA	62
19	9	Junction Box (Over-Sized)	EA	70
20	9	Junction Box (Special Over-Sized)	EA	2
21	10	Wood Pole	EA	19
22	11	Guy Assembly	EA	153
23	12	2" Riser with Weatherhead	EA	42
24	12	2" Riser with Heat Shrink Tubing	EA	111
25	13	Inductive Loop Sawcut	LF	5,900
26	14	Lead-In Cable	LF	33,300
27	15	Communications Cable (12-Fiber)	LF	172,400
28	15	Communications Cable (24-Fiber)	LF	25,200
29	15	Communications Cable (36-Fiber)	LF	13,500
30	15	Communications Cable (48-Fiber)	LF	1,400
31	15	Communications Cable (72-Fiber)	LF	20,900
32	15	Communications Cable (144-Fiber)	LF	25,700
33	15	Gastonia Electric Department Communications Cable (144-Fiber)	LF	176,400
34	15	Drop Cable	LF	39,900
35	16	Interconnect Center	EA	139
36	16	Aerial Splice Enclosure	EA	58
37	16	Gastonia Electric Department Aerial Splice Enclosure	EA	13
38	17	Fiber Optic Transceiver	EA	151
39	18	Delineator Marker	EA	68
40	19	Cable Transfer	EA	3
41	20	Remove Existing Communications Cable	LF	3,000
42	21	Municipal Operations Center Building Modifications	LS	1
43	21	Garland Municipal Business Center Building Modifications	LS	1
44	21	City IT Building Modifications	LS	1
45	21	MRTMC Building Modifications	LS	1
46	21	Division 12 Office Building Modifications	LS	1


Item No.	Spec Chap.	Item	Unit	Quantity
47	22	Dial-Up Modem	EA	5
48	22	Telephone Demarcation Assembly	EA	1
49	23	Signal Cabinet Foundation	EA	49
50	24	Conduit Entrance into Existing Foundation	EA	28
51	24	Modify Foundation for Controller Cabinet	EA	56
52	25	Cabinet Base Extender	EA	108
53	26	Controller with Cabinet (2070L Pole Mount)	EA	16
54	26	Controller with Cabinet (2070L Base Mount)	EA	109
55	26	Detector Card (Type 2070L)	EA	479
56	26	Terminal Splice Box	EA	49
57	27	New Electrical Service	EA	20
58	27	Modify Existing Electrical Service	EA	86
59	28	900MHz Wireless Radio System	EA	4
60	29	CCTV Assembly	EA	12
61	29	Pole Mounted CCTV Equipment Cabinet	EA	12
62	30	Signal System Software	LS	1
63	30	CCTV Central Software	LS	1
64	30	System Support Software	LS	1
65	31	Signal System Processing Server	EA	1
66	31	Signal System Communications Server	EA	1
67	31	CCTV Video Server	EA	1
68	31	Remote Access Server	EA	1
69	31	KVM Switch	EA	1
70	31	Computer Workstation (1 Monitor)	EA	2
71	31	Computer Workstation (2 Monitor)	EA	2
72	31	Notebook Computer	EA	4
73	31	Printer	EA	3
74	31	GPS Antenna	EA	1
75	31	Computer Hardware Integration	LS	1
76	32	LAN Switch (24-Port, Fiber)	EA	1
77	32	LAN Switch (4-Port)	EA	1
78	32	LAN Switch (4-Port, Fiber)	EA	1
79	32	Wireless Access Point	EA	2
80	32	TI Router	EA	2
81	32	VPN Firewall	EA	1
82	32	LAN Integration	LS	1
83	33	Video Optical Transceiver with Data	EA	24
84	33	CCTV Control Panel	EA	3
85	33	Video Codec	EA	11
86	33	Video Matrix Switch	EA	1
87	33	Video Multiplexer	EA	1
88	33	Digital Video Recorder	EA	1
89	33	LCD Video Monitor	EA	3
90	34	Rack Cabinet (3-Bay)	EA	1
91	35	TOC Furniture	LS	1
92	35	ROC Furniture	LS	1


Item No.	Spec Chap.	Item	Unit	Quantity
93	38	Furnish 2070L Controller	EA	4
94	38	Furnish 336 Cabinet	EA	2
95	38	Furnish 332 Cabinet	EA	2
96	38	Furnish Detector Card	EA	8
97	38	Furnish Conflict Monitor	EA	4
98	38	Furnish Load Switch	EA	4
99	38	Furnish DC Isolator	EA	4
100	38	Furnish AC Isolator	EA	4
101	38	Furnish Surge Protector	EA	25
102	38	Furnish Flasher Module	EA	2
103	38	Furnish Flash Transfer Relay	EA	6
104	38	Furnish GPS Receiver	EA	2
105	38	Furnish Controller Tester	EA	1
106	38	Furnish Signal Monitor Tester	EA	1
107	38	Furnish Test Cabinet/Controller	EA	1
108	38	Furnish Drop Cable	LF	1,200
109	38	Furnish Communications Cable (12-Fiber)	LF	5,000
110	38	Furnish Communications Cable (24-Fiber)	LF	800
111	38	Furnish Communications Cable (36-Fiber)	LF	500
112	38	Furnish Communications Cable (48-Fiber)	LF	100
113	38	Furnish Communications Cable (72-Fiber)	LF	700
114	38	Furnish Communications Cable (144-Fiber)	LF	800
115	38	Furnish Fiber Optic Interconnect Center	EA	5
116	38	Furnish Fiber Optic Transceiver	EA	8
117	38	Furnish VOT-D	EA	2
118	38	Furnish VOR-D	EA	2
119	38	Furnish Splice Enclosure	EA	2
120	38	Furnish ST Splice Connector	EA	8
121	38	Furnish ST Pigtail	EA	8
122	38	Furnish Heat Shrink Tubing	EA	5
123	38	Furnish Fiber Optic Restoration Kit	EA	1
124	38	Furnish Fiber Optic Power Meter	EA	1
125	38	Furnish Optical Light Generator	EA	1
126	38	Furnish CCTV Assembly	EA	1
127	38	Furnish CCTV Test Monitor	EA	1
128	38	Furnish Wireless Radio Modem	EA	2
129	40	Training	LS	1
130	-	Work Zone Signs (Portable)	SF	576
131	-	Flashing Arrow Panels, Type C	EA	2
132	-	Changeable Message Signs	EA	2
133	-	Drums	EA	100
134	-	Cones	EA	100
135	-	Flagger	HR	2560
136	-	Truck Mounted Impact Attenuator (60 MPH)	EA	3
137	-	Police	HR	320

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PLANS PREPARED IN THE OFFICE OF:

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 SCALE


CITY OF GASTONIA COMPUTERIZED SIGNAL SYSTEM UPGRADE
QUANTITIES

DIVISION 12 GASTON COUNTY
 PLAN DATE: MAY 26, 2005 REVIEWED BY: I.Z. VANOSDELL
 PREPARED BY: J.C. CROSS REVIEWED BY: M.W. DUNZO

REVISIONS	INIT.	DATE

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 023562
 MARK DUNZO
 6/29/05
 SIGNATURE DATE
 CADD Filename: ... \SHT005.dgn