



1	INSTALL REA, PE - 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE	17	INSTALL CABLE(S) IN EXISTING CONDUIT	34	INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE	68	INSTALL UNI-DIRECTIONAL YAGI ANTENNA
2	INSTALL REA, PE - 38, (FIGURE - 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE	18	INSTALL CABLE(S) IN NEW CONDUIT	35	REMOVE EXISTING CABLE STORAGE RACKS	69	INSTALL OMNI-DIRECTIONAL ANTENNA
3	INSTALL REA, PE - 39, (UNDERGROUND) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE	19	INSTALL CABLE(S) IN EXISTING RISER	36	INSTALL CCTV CAMERA ASSEMBLY	70	INSTALL RADIO TRANSCIVER
4	INSTALL SMFO CABLE	20	INSTALL CABLE(S) IN NEW RISER	37	INSTALL CCTV CAMERA WOOD POLE	71	REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING
4A	INSTALL GASTONIA ELECTRIC CABLE	21	INSTALL CABLE(S) IN EXISTING CONDUIT STUBOUTS	38	INSTALL CCTV CAMERA METAL POLE AND FOUNDATION	72	INSTALL NEW 332 BASE MOUNTED CABINET
5	INSTALL MMFO CABLE	22	INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)	39	INSTALL JUNCTION BOX	73	INSTALL NEW 336S POLE MOUNTED CABINET
6	INSTALL FIBER OPTIC DROP CABLE	23	INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)	40	INSTALL OVERSIZED JUNCTION BOX	74	INSTALL TERMINAL SPLICE BOX
7	INSTALL TRACER WIRE	24	INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET	41	REMOVE EXISTING JUNCTION BOX	75	INSTALL GASTONIA ELECTRIC AERIAL SPLICE ENCLOSURE
8	TRENCH	25	INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET	42	INSTALL WOOD POLE	76	INSTALL GASTONIA ELECTRIC UNDERGROUND SPLICE ENCLOSURE
9	INSTALL PVC CONDUIT	26	TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET	43	REMOVE EXISTING WOOD POLE		
10	INSTALL RIGID, GALVANIZED STEEL CONDUIT	27	INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPLICE CABLE IN CABINET	44	INSTALL AERIAL GUY ASSEMBLY		
11	INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD	28	INSTALL UNDERGROUND SPLICE ENCLOSURE	45	INSTALL STANDARD GUY ASSEMBLY		
12	INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING	29	INSTALL AERIAL SPLICE ENCLOSURE	46	INSTALL SIDEWALK GUY ASSEMBLY		
13	INSTALL OUTER-DUCT POLYETHYLENE CONDUIT	30	INSTALL POLE MOUNTED SPLICE CABINET	47	INSTALL MESSENGER CABLE		
14	INSTALL POLYETHYLENE CONDUIT	31	INSTALL BASE MOUNTED SPLICE CABINET	48	REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE		
15	DIRECTIONAL DRILL CONDUIT	32	INSTALL TELEPHONE SERVICE	49	REMOVE EXISTING COMMUNICATIONS CABLE		
16	BORE AND JACK CONDUIT	33	REMOVE EXISTING SPLICE CABINET	50	INSTALL TELEPHONE SERVICE		
				51	INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF SIGNAL SYSTEM CABLE		
				52	INSTALL FIBER OPTIC DELINEATOR MARKER		
				53	STORE 20 FEET OF COMMUNICATIONS CABLE		
				54	LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE		
				55	LASH CABLE(S) TO EXISTING MESSENGER CABLE		
				56	LASH CABLE(S) TO NEW MESSENGER CABLE		
				57	MODIFY EXISTING ELECTRICAL SERVICE		
				58	INSTALL NEW ELECTRICAL SERVICE		
				59	INSTALL VIDEO OPTIC TRANSMITTER WITH DATA		
				60	INSTALL FIBER OPTIC TRANSCIVER		
				61	REMOVE EXISTING CONTROLLER AND CABINET		
				62	INSTALL NEW CONTROLLER		
				63	INSTALL SPECIAL JUNCTION BOX		
				64	INSTALL SYSTEM LOOP		
				65	INSTALL SYSTEM LOOP AMPLIFIER		
				66	INSTALL SYSTEM LOOP LEAD-IN CABLE		
				67	MODIFY EXISTING CABINET FOUNDATION		

ALL NCDOT ATTACHMENT POINTS ARE 40" BELOW POWER, FRONT SIDE OF POLE, UNLESS OTHERWISE NOTED.

PLANS PREPARED IN THE OFFICE OF:

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CITY OF GASTONIA COMPUTERIZED SIGNAL SYSTEM UPGRADE CABLE ROUTING PLANS	
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
 5/27/05
 SIGNATURE DATE
 CADD Filename: ...sht162.dgn

05/26/2005 F:\systems\proj\facts\010316097\gastonia\sh162.dgn