



**NOTE:**  
 1. SPLICE ALL FIBERS IN ALL BUFFER TUBES TO SAME COLOR FIBER IN SAME COLOR BUFFER TUBE.

17	INSTALL CABLE(S) IN EXISTING CONDUIT	34	INSTALL CABINET FOUNDATION	51A	INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE	68	INSTALL UNI-DIRECTIONAL YAGI ANTENNA
18	INSTALL CABLE(S) IN NEW CONDUIT	35	REMOVE EXISTING CABINET FOUNDATION	52	INSTALL FIBER OPTIC DELINEATOR MARKER	69	INSTALL OMNI-DIRECTIONAL ANTENNA
19	INSTALL CABLE(S) IN EXISTING RISER	36	INSTALL CCTV CAMERA ASSEMBLY	53	STORE 20 FEET OF COMMUNICATIONS CABLE	70	INSTALL RADIO TRANSCEIVER
20	INSTALL CABLE(S) IN NEW RISER	37	INSTALL CCTV CAMERA WOOD POLE	54	LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE	71	REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING
21	INSTALL CABLE(S) IN EXISTING CONDUIT STUBOUTS	38	INSTALL CCTV CAMERA METAL POLE AND FOUNDATION	55	LASH CABLE(S) TO EXISTING MESSENGER CABLE	72	INSTALL NEW 332 BASE MOUNTED CABINET
22	INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)	39	INSTALL JUNCTION BOX	56	LASH CABLE(S) TO NEW MESSENGER CABLE	73	INSTALL NEW 336S POLE MOUNTED CABINET
23	INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)	40	INSTALL OVERSIZED JUNCTION BOX	57	MODIFY EXISTING ELECTRICAL SERVICE	74	INSTALL TERMINAL SPLICE BOX
24	INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET	41	REMOVE EXISTING JUNCTION BOX	58	INSTALL NEW ELECTRICAL SERVICE	75	INSTALL GASTONIA ELECTRIC AERIAL SPLICE ENCLOSURE
25	INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET	42	INSTALL WOOD POLE	59	INSTALL VIDEO OPTIC TRANSMITTER WITH DATA	76	INSTALL GASTONIA ELECTRIC UNDERGROUND SPLICE ENCLOSURE
26	TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET	43	REMOVE EXISTING WOOD POLE				
27	INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET	44	INSTALL AERIAL GUY ASSEMBLY				
28	INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPLICE CABLE IN CABINET	45	INSTALL STANDARD GUY ASSEMBLY				
29	INSTALL UNDERGROUND SPLICE ENCLOSURE	46	INSTALL SIDEWALK GUY ASSEMBLY				
30	INSTALL AERIAL SPLICE ENCLOSURE	47	INSTALL MESSENGER CABLE				
31	INSTALL POLE MOUNTED SPLICE CABINET	48	REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE				
32	INSTALL BASE MOUNTED SPLICE CABINET	49	REMOVE EXISTING COMMUNICATIONS CABLE				
33	REMOVE EXISTING SPLICE CABINET	50	INSTALL TELEPHONE SERVICE				
		51	INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF SIGNAL SYSTEM CABLE				

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

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
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**CITY OF GASTONIA COMPUTERIZED SIGNAL SYSTEM UPGRADE CABLE ROUTING PLAN**

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

MARK DUNZO  
 ENGINEER  
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