

MATCH LINE BG, SEE SHEET 49

MATCH LINE BH, SEE SHEET 51

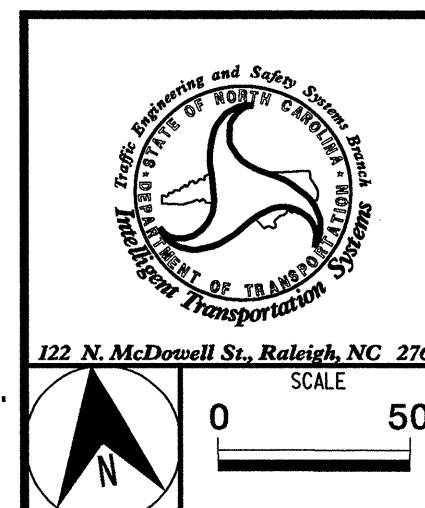
BOND MESSENGER CABLE AND RISER TO POLE GROUND

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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
18	INSTALL CABLE(S) IN NEW CONDUIT	35	REMOVE EXISTING CABLE FOUNDATION	69	INSTALL OMNI-DIRECTIONAL ANTENNA
19	INSTALL CABLE(S) IN EXISTING RISER	36	INSTALL CCTV CAMERA ASSEMBLY	70	INSTALL RADIO TRANSCEIVER
20	INSTALL CABLE(S) IN NEW RISER	37	INSTALL CCTV CAMERA WOOD POLE	71	REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING
21	INSTALL CABLE(S) IN EXISTING CONDUIT STUBOUTS	38	INSTALL CCTV CAMERA METAL POLE AND FOUNDATION	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	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	74	INSTALL TERMINAL SPLICE BOX
24	INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET	41	REMOVE EXISTING JUNCTION BOX	75	INSTALL GASTONIA ELECTRIC AERIAL SPLICE ENCLOSURE
25	INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET	42	INSTALL WOOD POLE	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		
		51A	INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC 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 TRANSCEIVER		
		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:  
  
 Kimley-Horn and Associates, Inc.  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000



**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

**CITY OF GASTONIA**

PROFESSIONAL ENGINEER

SEAL 023562

MARK DUNZO

SIGNATURE: *Mark Dunzo* DATE: 5/27/05

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