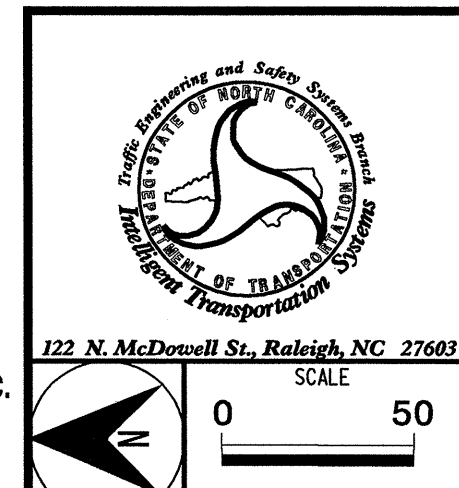


17	INSTALL CABLE(S) IN EXISTING CONDUIT	34	INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE	68	INSTALL UNI-DIRECTIONAL YAGI ANTENNA
18	INSTALL CABLE(S) IN NEW CONDUIT	35	REMOVE EXISTING CABLE STORAGE RACKS	69	INSTALL OMNI-DIRECTIONAL ANTENNA
19	INSTALL CABLE(S) IN EXISTING RISER	36	INSTALL CCTV CAMERA 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 SPICE BOX
24	INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET	41	REMOVE EXISTING JUNCTION BOX	75	INSTALL GASTONIA ELECTRIC AERIAL SPICE ENCLOSURE
25	INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET	42	INSTALL WOOD POLE	76	INSTALL GASTONIA ELECTRIC UNDERGROUND SPICE 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 NEW INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPICE CABLE IN CABINET	45	INSTALL STANDARD GUY ASSEMBLY		
29	INSTALL UNDERGROUND SPICE ENCLOSURE	46	INSTALL SIDEWALK GUY ASSEMBLY		
30	INSTALL AERIAL SPICE ENCLOSURE	47	INSTALL MESSENGER CABLE		
31	INSTALL POLE MOUNTED SPICE CABINET	48	REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE		
32	INSTALL BASE MOUNTED SPICE CABINET	49	REMOVE EXISTING COMMUNICATIONS CABLE		
33	REMOVE EXISTING SPICE CABINET	50	INSTALL TELEPHONE SERVICE		
		51	INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF SIGNAL SYSTEM CABLE		
3	INSTALL REA, PE - 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE				
4	INSTALL REA, PE - 38, (FIGURE - 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE				
5	INSTALL REA, PE - 39, (UNDERGROUND) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE				
7	INSTALL SMFO CABLE				
8	INSTALL GASTONIA ELECTRIC CABLE				
9	INSTALL MMFO CABLE				
10	INSTALL FIBER OPTIC DROP CABLE				
11	INSTALL TRACER WIRE				
12	TRENCH				
13	INSTALL PVC CONDUIT				
14	INSTALL RIGID, GALVANIZED STEEL CONDUIT				
15	INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD				
16	INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING				
18	INSTALL OUTER-DUCT POLYETHYLENE CONDUIT				
19	INSTALL POLYETHYLENE CONDUIT				
20	DIRECTIONAL DRILL CONDUIT				
21	BORE AND JACK CONDUIT				

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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 Raleigh, N.C. 27636-3068
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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
 SIGNATURE DATE 5/27/05
 CADD Filename: ... \sht139.dgn

05/26/2005 T:\systems\proj\ecis\01036097\gastonia\asht139.dgn