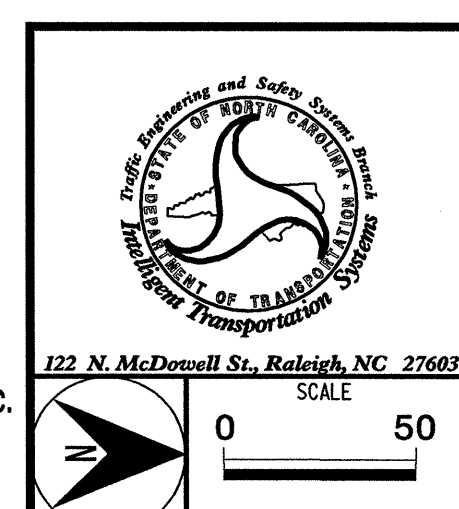


- |    |   |    |  |    |   |
|----|---|----|--|----|---|
| 17 | INSTALL CABLE(S) IN EXISTING CONDUIT  | 34 | INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE         | 68 | INSTALL UNI-DIRECTIONAL YAGI ANTENNA                  |
| 18 | INSTALL CABLE(S) IN NEW CONDUIT   | 35 | REMOVE EXISTING CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE | 69 | INSTALL OMNI-DIRECTIONAL ANTENNA                      |
| 19 | INSTALL CABLE(S) IN EXISTING RISER  | 36 | INSTALL FIBER OPTIC DELINEATOR MARKER  | 70 | INSTALL RADIO TRANSCEIVER                             |
| 20 | INSTALL CABLE(S) IN NEW RISER   | 37 | STORE 20 FEET OF COMMUNICATIONS CABLE  | 71 | REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING  |
| 21 | INSTALL CABLE(S) IN EXISTING CONDUIT STUBOUTS   | 38 | LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE  | 72 | INSTALL NEW 332 BASE MOUNTED CABINET                  |
| 22 | INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)            | 39 | LASH CABLE(S) TO EXISTING 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 | MODIFY EXISTING ELECTRICAL SERVICE   | 74 | INSTALL TERMINAL SPICE BOX                            |
| 24 | INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET  | 41 | INSTALL NEW ELECTRICAL SERVICE   | 75 | INSTALL GASTONIA ELECTRIC AERIAL SPICE ENCLOSURE      |
| 25 | INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET  | 42 | INSTALL VIDEO OPTIC TRANSMITTER WITH DATA  | 76 | INSTALL GASTONIA ELECTRIC UNDERGROUND SPICE ENCLOSURE |
| 26 | TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET | 43 | INSTALL FIBER OPTIC TRANSMITTER  |    |   |
| 27 | INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET                                | 44 | REMOVE EXISTING TRANSMITTER AND CABINET  |    |   |
| 28 | INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPICE CABLE IN CABINET                      | 45 | INSTALL NEW CONTROLLER   |    |   |
| 29 | INSTALL UNDERGROUND SPICE ENCLOSURE   | 46 | INSTALL SPECIAL JUNCTION BOX   |    |   |
| 30 | INSTALL AERIAL SPICE ENCLOSURE  | 47 | INSTALL SYSTEM LOOP  |    |   |
| 31 | INSTALL POLE MOUNTED SPICE CABINET  | 48 | INSTALL SYSTEM LOOP AMPLIFIER  |    |   |
| 32 | INSTALL BASE MOUNTED SPICE CABINET  | 49 | INSTALL SYSTEM LOOP LEAD-IN CABLE  |    |   |
| 33 | REMOVE EXISTING SPICE CABINET   | 50 | MODIFY EXISTING CABINET FOUNDATION   |    |   |
|    |   | 51 |  |    |   |

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  
 1991 677-2000



**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**

MARK DUNZO

5/27/05

SIGNATURE DATE

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