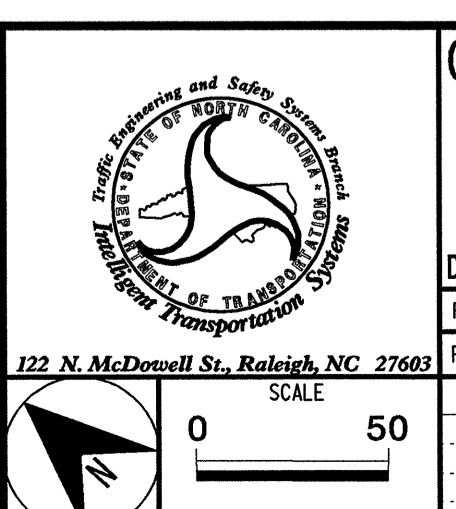


|    |   |    |  |     |  |    |   |
|----|---|----|--|-----|--|----|---|
| 17 | INSTALL CABLE(S) IN EXISTING CONDUIT  | 34 | INSTALL CABINET FOUNDATION                               | 51A | INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE | 68 | INSTALL UNI-DIRECTIONAL 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 SPICE 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 SPICE 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 SPICE ENCLOSURE |
| 26 | TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET | 43 | REMOVE EXISTING WOOD POLE                                | 60  | INSTALL FIBER OPTIC TRANSCEIVER  |    |   |
| 27 | INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET                                | 44 | INSTALL AERIAL GUY ASSEMBLY                              | 61  | REMOVE EXISTING CONTROLLER AND CABINET   |    |   |
| 28 | INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPICE CABLE IN CABINET                      | 45 | INSTALL STANDARD GUY ASSEMBLY                            | 62  | INSTALL NEW CONTROLLER   |    |   |
| 29 | INSTALL UNDERGROUND SPICE ENCLOSURE   | 46 | INSTALL SIDEWALK GUY ASSEMBLY                            | 63  | INSTALL SPECIAL JUNCTION BOX   |    |   |
| 30 | INSTALL AERIAL SPICE ENCLOSURE  | 47 | INSTALL MESSENGER CABLE                                  | 64  | INSTALL SYSTEM LOOP  |    |   |
| 31 | INSTALL POLE MOUNTED SPICE CABINET  | 48 | REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE | 65  | INSTALL SYSTEM LOOP AMPLIFIER  |    |   |
| 32 | INSTALL BASE MOUNTED SPICE CABINET  | 49 | REMOVE EXISTING COMMUNICATIONS CABLE                     | 66  | INSTALL SYSTEM LOOP LEAD-IN CABLE  |    |   |
| 33 | REMOVE EXISTING SPICE CABINET   | 50 | INSTALL TELEPHONE SERVICE                                | 67  | INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF SIGNAL SYSTEM CABLE     |    |   |
|    |   | 51 | REMOVE EXISTING SPICE CABINET                            |     |  |    |   |

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 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  
 ENGINEER MARK DUNZO  
 SIGNATURE DATE  
 CADD Filename: ...sh1069.dgn

05/26/2005 ts:\systems\pro\_jects\011036097\gastonia\sh1069.dgn