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|----|---|----|--|-----|---|----|---|
| 17 | INSTALL CABLE(S) IN EXISTING CONDUIT  | 34 | INSTALL CABINET FOUNDATION   | 51A | INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE    | 68 | INSTALL UNI-DIRECTIONAL YAGI ANTENNA                  |
| 18 | INSTALL CABLE(S) IN NEW CONDUIT   | 35 | REMOVE EXISTING CABINET FOUNDATION   | 52  | 500 FEET OF GASTONIA ELECTRIC CABLE                   | 69 | INSTALL OMNI-DIRECTIONAL ANTENNA                      |
| 19 | INSTALL CABLE(S) IN EXISTING RISER  | 36 | INSTALL CCTV CAMERA ASSEMBLY   | 53  | INSTALL FIBER OPTIC DELINEATOR MARKER                 | 70 | INSTALL RADIO TRANSCEIVER                             |
| 20 | INSTALL CABLE(S) IN NEW RISER   | 37 | INSTALL CCTV CAMERA WOOD POLE  | 54  | STORE 20 FEET OF 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 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 | 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  | MODIFY EXISTING CABINET FOUNDATION                    |    |   |
|    |   | 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:  
  
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CITY OF GASTONIA  
 PROFESSIONAL ENGINEER  
 MARK DUNZO

**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

Signature: *[Signature]* Date: 5/26/05

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