



MATCH LINE FM. SEE SHEET 128

MATCH LINE FN. SEE SHEET 130

BOND MESSENGER CABLE TO POLE GROUND

BOND MESSENGER CABLE AND RISER TO POLE GROUND

FOR LLI CABLE
FOR COMM CABLE

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|----|--|----|---|----|--|-----|--|----|---|
| 1 | INSTALL REA. PE - 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE | 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 |
| 2 | INSTALL REA. PE - 38 (FIGURE - 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE | 18 | INSTALL CABLE(S) IN NEW CONDUIT | 35 | REMOVE EXISTING CABINET FOUNDATION | 52 | INSTALL FIBER OPTIC DELINEATOR MARKER | 69 | INSTALL OMNI-DIRECTIONAL ANTENNA |
| 3 | INSTALL REA. PE - 39 (UNDERGROUND) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE | 19 | INSTALL CABLE(S) IN EXISTING RISER | 36 | INSTALL CCTV CAMERA ASSEMBLY | 53 | STORE 20 FEET OF COMMUNICATIONS CABLE | 70 | INSTALL RADIO TRANSCIVER |
| 4 | INSTALL SMFO CABLE | 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 |
| 5 | INSTALL GASTONIA ELECTRIC CABLE | 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 |
| 6 | INSTALL MMFO CABLE | 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 3365 POLE MOUNTED CABINET |
| 7 | INSTALL FIBER OPTIC DROP CABLE | 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 |
| 8 | INSTALL TRACER WIRE | 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 |
| 9 | TRENCH | 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 |
| 10 | INSTALL PVC CONDUIT | 26 | TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET | 43 | REMOVE EXISTING WOOD POLE | 60 | INSTALL FIBER OPTIC TRANSCIVER | | |
| 11 | INSTALL RIGID, GALVANIZED STEEL CONDUIT | 27 | INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET | 44 | INSTALL AERIAL GUY ASSEMBLY | 61 | REMOVE EXISTING CONTROLLER AND CABINET | | |
| 12 | INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD | 28 | INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPICE CABLE IN CABINET | 45 | INSTALL STANDARD GUY ASSEMBLY | 62 | INSTALL NEW CONTROLLER | | |
| 13 | INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING | 29 | INSTALL UNDERGROUND SPICE ENCLOSURE | 46 | INSTALL SIDEWALK GUY ASSEMBLY | 63 | INSTALL SPECIAL JUNCTION BOX | | |
| 14 | INSTALL OUTER-DUCT POLYETHYLENE CONDUIT | 30 | INSTALL AERIAL SPICE ENCLOSURE | 47 | INSTALL MESSENGER CABLE | 64 | INSTALL SYSTEM LOOP | | |
| 15 | INSTALL POLYETHYLENE CONDUIT | 31 | INSTALL POLE MOUNTED SPICE CABINET | 48 | REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE | 65 | INSTALL SYSTEM LOOP AMPLIFIER | | |
| 16 | DIRECTIONAL DRILL CONDUIT | 32 | INSTALL BASE MOUNTED SPICE CABINET | 49 | REMOVE EXISTING COMMUNICATIONS CABLE | 66 | INSTALL SYSTEM LOOP LEAD-IN CABLE | | |
| 17 | BORE AND JACK CONDUIT | 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 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 |
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MARK DUNZO
ENGINEER
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