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| <ul style="list-style-type: none"> ▲ INSTALL REA, PE - 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE ▲ INSTALL REA, PE - 38, (FIGURE - 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE ▲ INSTALL REA, PE - 39, (UNDERGROUND) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE ▲ INSTALL SMFO CABLE ▲ INSTALL GASTONIA ELECTRIC CABLE ▲ INSTALL MMFO CABLE ▲ INSTALL FIBER OPTIC DROP CABLE ▲ INSTALL TRACER WIRE ⑨ TRENCH ⑩ INSTALL PVC CONDUIT ⑪ INSTALL RIGID, GALVANIZED STEEL CONDUIT ⑫ INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD ⑬ INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING ⑭ INSTALL OUTER-DUCT POLYETHYLENE CONDUIT ⑮ INSTALL POLYETHYLENE CONDUIT ⑯ DIRECTIONAL DRILL CONDUIT ⑰ BORE AND JACK CONDUIT | <ul style="list-style-type: none"> ⑰ INSTALL CABLE(S) IN EXISTING CONDUIT ⑱ INSTALL CABLE(S) IN NEW CONDUIT ⑲ INSTALL CABLE(S) IN EXISTING RISER ⑳ INSTALL CABLE(S) IN NEW RISER ㉑ INSTALL CABLE(S) IN EXISTING CONDUIT STUBOUTS ㉒ INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE) ㉓ INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE) ㉔ INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET ㉕ INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET ㉖ TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET ㉗ INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET ㉘ INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPlice CABLE IN CABINET ㉙ INSTALL UNDERGROUND SPlice ENCLOSURE ㉚ INSTALL AERIAL SPlice ENCLOSURE ㉛ INSTALL POLE MOUNTED SPlice CABINET ㉜ INSTALL BASE MOUNTED SPlice CABINET ㉝ REMOVE EXISTING SPlice CABINET | <ul style="list-style-type: none"> ㉞ INSTALL CABINET FOUNDATION ㉟ REMOVE EXISTING CABINET FOUNDATION ㊱ INSTALL CCTV CAMERA ASSEMBLY ㊲ INSTALL CCTV CAMERA WOOD POLE ㊳ INSTALL CCTV CAMERA METAL POLE AND FOUNDATION ㊴ INSTALL JUNCTION BOX ㊵ INSTALL OVERSIZED JUNCTION BOX ㊶ REMOVE EXISTING JUNCTION BOX ㊷ INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET ㊸ INSTALL WOOD POLE ㊹ REMOVE EXISTING WOOD POLE ㊺ INSTALL AERIAL GUY ASSEMBLY ㊻ INSTALL STANDARD GUY ASSEMBLY ㊼ INSTALL SIDEWALK GUY ASSEMBLY ㊽ INSTALL MESSENGER CABLE ㊾ REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE ㊿ REMOVE EXISTING COMMUNICATIONS CABLE 1 INSTALL TELEPHONE SERVICE 2 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF SIGNAL SYSTEM CABLE | <ul style="list-style-type: none"> 31A INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE 32 INSTALL FIBER OPTIC DELINEATOR MARKER 33 STORE 20 FEET OF COMMUNICATIONS CABLE 34 LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE 35 LASH CABLE(S) TO EXISTING MESSENGER CABLE 36 LASH CABLE(S) TO NEW MESSENGER CABLE 37 MODIFY EXISTING ELECTRICAL SERVICE 38 INSTALL NEW ELECTRICAL SERVICE 39 INSTALL VIDEO OPTIC TRANSMITTER WITH DATA 40 INSTALL FIBER OPTIC TRANSCIVER 41 REMOVE EXISTING CONTROLLER AND CABINET 42 INSTALL NEW CONTROLLER 43 INSTALL SPECIAL JUNCTION BOX 44 INSTALL SYSTEM LOOP 45 INSTALL SYSTEM LOOP AMPLIFIER 46 INSTALL SYSTEM LOOP LEAD-IN CABLE 47 MODIFY EXISTING CABINET FOUNDATION | <ul style="list-style-type: none"> 48 INSTALL UNI-DIRECTIONAL YAGI ANTENNA 49 INSTALL OMNI-DIRECTIONAL ANTENNA 50 INSTALL RADIO TRANSCIVER 51 REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING 52 INSTALL NEW 332 BASE MOUNTED CABINET 53 INSTALL NEW 336S POLE MOUNTED CABINET 54 INSTALL TERMINAL SPlice BOX 55 INSTALL GASTONIA ELECTRIC AERIAL SPlice ENCLOSURE 56 INSTALL GASTONIA ELECTRIC UNDERGROUND SPlice ENCLOSURE |
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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

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 MARK DUNZO

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