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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 ○ TRENCH ○ INSTALL PVC CONDUIT ○ INSTALL RIGID, GALVANIZED STEEL CONDUIT ○ INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD ○ INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING ○ INSTALL OUTER-DUCT POLYETHYLENE CONDUIT ○ INSTALL POLYETHYLENE CONDUIT ○ DIRECTIONAL DRILL CONDUIT ○ 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 SPICE CABLE IN CABINET ○ (29) INSTALL UNDERGROUND SPICE ENCLOSURE ○ (30) INSTALL AERIAL SPICE ENCLOSURE ○ (31) INSTALL POLE MOUNTED SPICE CABINET ○ (32) INSTALL BASE MOUNTED SPICE CABINET ○ (33) REMOVE EXISTING SPICE 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 WOOD POLE ○ (43) REMOVE EXISTING WOOD POLE ○ (44) INSTALL AERIAL GUY ASSEMBLY ○ (45) INSTALL STANDARD GUY ASSEMBLY ○ (46) INSTALL SIDEWALK GUY ASSEMBLY ○ (47) INSTALL MESSENGER CABLE ○ (48) REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE ○ (49) REMOVE EXISTING COMMUNICATIONS CABLE ○ (50) INSTALL TELEPHONE SERVICE ○ (51) INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF SIGNAL SYSTEM CABLE | <ul style="list-style-type: none"> ○ (52) INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE ○ (53) INSTALL FIBER OPTIC DELINEATOR MARKER ○ (54) STORE 20 FEET OF COMMUNICATIONS CABLE ○ (55) LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE ○ (56) LASH CABLE(S) TO EXISTING MESSENGER CABLE ○ (57) LASH CABLE(S) TO NEW MESSENGER CABLE ○ (58) MODIFY EXISTING ELECTRICAL SERVICE ○ (59) INSTALL NEW ELECTRICAL SERVICE ○ (60) INSTALL VIDEO OPTIC TRANSMITTER WITH DATA ○ (61) INSTALL FIBER OPTIC TRANSCEIVER ○ (62) REMOVE EXISTING CONTROLLER AND CABINET ○ (63) INSTALL NEW CONTROLLER ○ (64) INSTALL SPECIAL JUNCTION BOX ○ (65) INSTALL SYSTEM LOOP ○ (66) INSTALL SYSTEM LOOP AMPLIFIER ○ (67) INSTALL SYSTEM LOOP LEAD-IN CABLE ○ (68) MODIFY EXISTING CABINET FOUNDATION | <ul style="list-style-type: none"> ○ (69) INSTALL UNI-DIRECTIONAL YAGI ANTENNA ○ (70) INSTALL OMNI-DIRECTIONAL ANTENNA ○ (71) INSTALL RADIO TRANSCEIVER ○ (72) REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING ○ (73) INSTALL NEW 332 BASE MOUNTED CABINET ○ (74) INSTALL NEW 3365 POLE MOUNTED CABINET ○ (75) INSTALL TERMINAL SPICE BOX ○ (76) INSTALL GASTONIA ELECTRIC AERIAL SPICE ENCLOSURE ○ (77) INSTALL GASTONIA ELECTRIC UNDERGROUND SPICE 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:

 Kimley-Horn and Associates, Inc.
 P.O. Box 33068
 Raleigh, N.C. 27636-3068
 (919) 677-2000

122 N. McDowell St., Raleigh, NC 27603

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
 MARK DUNZO

M.W. Dunzo SIZES
 SIGNATURE DATE
 CADD Filename: ...sh111.dgn

05/26/2005 F:\systems\pro\ecis\0110360971\gastonia\sh111.dgn