

- 1 INSTALL REA, PE - 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE
- 2 INSTALL REA, PE - 38, (FIGURE - 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE
- 3 INSTALL REA, PE - 39, (UNDERGROUND) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE
- 4 INSTALL SMFO CABLE
- 4A INSTALL GASTONIA ELECTRIC CABLE
- 5 INSTALL MMFO CABLE
- 6 INSTALL FIBER OPTIC DROP CABLE
- 7 INSTALL TRACER WIRE
- 8 TRENCH
- 9 INSTALL PVC CONDUIT
- 10 INSTALL RIGID, GALVANIZED STEEL CONDUIT
- 11 INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD
- 12 INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING
- 13 INSTALL OUTER-DUCT POLYETHYLENE CONDUIT
- 14 INSTALL POLYETHYLENE CONDUIT
- 15 DIRECTIONAL DRILL CONDUIT
- 16 BORE AND JACK CONDUIT
- 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

- 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
- 51A INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE
- 52 INSTALL FIBER OPTIC DELINEATOR MARKER
- 53 STORE 20 FEET OF COMMUNICATIONS CABLE
- 54 LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE
- 55 LASH CABLE(S) TO EXISTING MESSENGER CABLE
- 56 LASH CABLE(S) TO NEW MESSENGER CABLE
- 57 MODIFY EXISTING ELECTRICAL SERVICE
- 58 INSTALL NEW ELECTRICAL SERVICE
- 59 INSTALL VIDEO OPTIC TRANSMITTER WITH DATA
- 60 INSTALL FIBER OPTIC TRANSCEIVER
- 61 REMOVE EXISTING CONTROLLER AND CABINET
- 62 INSTALL NEW CONTROLLER
- 63 INSTALL SPECIAL JUNCTION BOX
- 64 INSTALL SYSTEM LOOP
- 65 INSTALL SYSTEM LOOP AMPLIFIER
- 66 INSTALL SYSTEM LOOP LEAD-IN CABLE
- 67 MODIFY EXISTING CABINET FOUNDATION

- 68 INSTALL UNI-DIRECTIONAL YAGI ANTENNA
- 69 INSTALL OMNI-DIRECTIONAL ANTENNA
- 70 INSTALL RADIO TRANSCEIVER
- 71 REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING
- 72 INSTALL NEW 332 BASE MOUNTED CABINET
- 73 INSTALL NEW 336S POLE MOUNTED CABINET
- 74 INSTALL TERMINAL SPlice BOX
- 75 INSTALL GASTONIA ELECTRIC AERIAL SPlice ENCLOSURE
- 76 INSTALL GASTONIA ELECTRIC UNDERGROUND SPlice ENCLOSURE

LEGEND

	NEW FIBER OPTIC COMMUNICATIONS CABLE		NEW METAL POLE
	NEW FIBER OPTIC AND LOOP LEAD-IN CABLE		EXISTING METAL POLE
	NEW LOOP LEAD-IN CABLE		NEW CCTV CAMERA ASSEMBLY
	NEW TWISTED PAIR COMMUNICATIONS CABLE		NEW STANDARD GUY ASSEMBLY
	EXISTING COMMUNICATIONS CABLE		NEW SIDEWALK GUY ASSEMBLY
	EXISTING COMMUNICATIONS CABLE TO BE REMOVED		NEW CABLE STORAGE RACKS (SNOW SHOES)
	NEW AERIAL GUY ASSEMBLY		EXISTING BASE MOUNTED CONTROLLER AND CABINET
	NEW CONDUIT		EXISTING POLE MOUNTED CONTROLLER AND CABINET
	NEW DIRECTIONAL DRILLED CONDUIT		NEW BASE MOUNTED EQUIPMENT CABINET (CONTROLLER OR CCTV)
	NEW BORED AND JACKED CONDUIT		NEW POLE MOUNTED EQUIPMENT CABINET (CONTROLLER OR CCTV)
	NEW JUNCTION BOX		EXISTING SPlice CABINET
	EXISTING JUNCTION BOX		NEW SPlice CABINET
	EXISTING WOOD POLE (TO BE REMOVED BY OTHERS)		SIGNAL POLE
	NEW WOOD POLE (INSTALLED BY OTHERS)		SIGNAL INVENTORY NUMBER
	NEW AERIAL SPlice ENCLOSURE		FIBER OPTIC DELINEATOR MARKER
	EXISTING SPlice ENCLOSURE		

CONSTRUCTION NOTE SYMBOLOGY KEY

- INDICATES NUMBER OF CABLES, LOOPS, ETC.
- INDICATES NUMBER OF FIBERS PER CABLE, TWISTED PAIRS PER CABLE, ETC.
- INDICATES NUMBER OF RISER(S)/CONDUIT(S)
- INDICATES DIAMETER OF RISER(S)/CONDUIT(S) (INCH)

NUMBER OF CABLE(S)

NUMBER OF FIBERS/TWISTED PAIRS

NUMBER OF RISER(S)/CONDUIT(S)

DIAMETER OF RISER(S)/CONDUIT(S) (INCH)

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PLANS PREPARED IN THE OFFICE OF:

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CITY OF GASTONIA COMPUTERIZED SIGNAL SYSTEM UPGRADE
CONSTRUCTION NOTES SHEET

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 _____ DATE _____

CADD Filename: ...sh1001b.dgn

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 023562
 MARK DUNZO