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| 1. INSTALL REA, PE - 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE               | 17. INSTALL CABLE(S) IN EXISTING CONDUIT   | 34. INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE | 51A. INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF SIGNAL SYSTEM CABLE |
| 2. INSTALL REA, PE - 38, (FIGURE - 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE  | 18. INSTALL CABLE(S) IN NEW CONDUIT  | 35. REMOVE EXISTING CABLE STORAGE RACK FOUNDATION  | 52. REMOVE EXISTING CABLE STORAGE RACK FOUNDATION                                       |
| 3. INSTALL REA, PE - 39, (UNDERGROUND) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE | 19. INSTALL CABLE(S) IN EXISTING RISER   | 36. INSTALL CCTV CAMERA ASSEMBLY   | 53. INSTALL FIBER OPTIC DELINEATOR MARKER   |
| 4. INSTALL SMFO CABLE  | 20. INSTALL CABLE(S) IN NEW RISER  | 37. INSTALL CCTV CAMERA WOOD POLE  | 54. STORE 20 FEET OF COMMUNICATIONS CABLE   |
| 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   |
| 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  |
| 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  |
| 8. INSTALL TRACER WIRE   | 24. INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET   | 41. REMOVE EXISTING JUNCTION BOX   | 58. INSTALL NEW ELECTRICAL SERVICE  |
| 9. TRENCH  | 25. INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET   | 42. INSTALL WOOD POLE  | 59. INSTALL VIDEO OPTIC TRANSMITTER WITH DATA   |
| 10. INSTALL PVC CONDUIT  | 26. TERMINATE COMMUNICATIONS CABLE ON EXISTING 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  |

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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