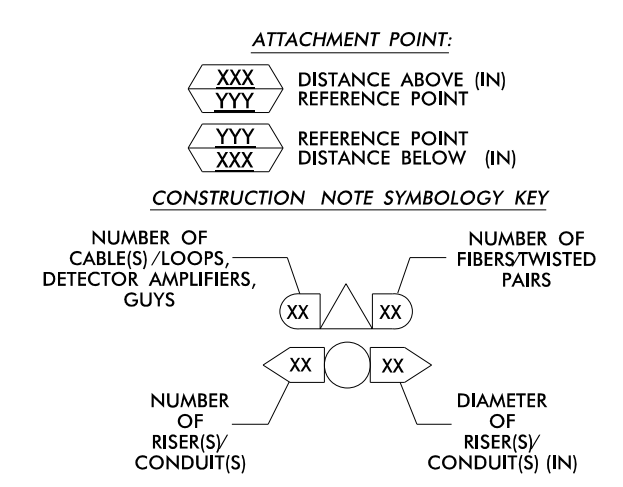


NOTES:

- UNLESS OTHERWISE NOTED:
  - OVERLASH NEW FIBER OPTIC CABLE TO EXISTING COMMUNICATIONS CABLE.
  - ATTACH NEW MESSENGER CABLE 40" BELOW POWER.
  - ATTACH ON FRONT SIDE (FS) OF POLE.
- SEAL ALL CONDUIT ENDS WITH DUCT AND CONDUIT SEALER, AT ALL JUNCTION BOX / CABINET ENTRANCES.

|   |  |   |  |  |   |
|---|--|---|--|--|---|
| 1. INSTALL COMPOSITE CCTV CABLE                                   | 13. INSTALL HEAT SHRINK TUBING RETROFIT KIT  | 25. INSTALL NEW RISER INTO POLE MOUNTED CABINET   | 37. INSTALL CCTV WOOD POLE                                   | 49. REMOVE EXISTING COMMUNICATIONS CABLE   | 61. REMOVE EXISTING CCTV CAMERA ASSEMBLY FOUNDATION     |
| 2. INSTALL LOW VOLTAGE POWER CABLE (24VAC)                        | 14. INSTALL HIGH DENSITY POLYETHYLENE CONDUIT                                      | 26. INSTALL DIGITAL VIDEO ENCODER   | 38. INSTALL STANDARD SIZE JUNCTION BOX                       | 50. INSTALL WIRELESS DSL   | 62. NEW CABINET ENTRANCE INTO NEW FOUNDATION            |
| 3. INSTALL CATEGORY 5E CABLE                                      | 15. DIRECTIONAL DRILL CONDUIT  | 27. INSTALL NEW ETHERNET EDGE SWITCH IN CABINET   | 39. INSTALL SPECIAL-SIZED JUNCTION BOX                       | 51. INSTALL CABLE STORAGE GUIDE(S) [SNOW SHOE(S)] AND STORE 100 FEET OF EACH CABLE | 63. DRILL /CORE DRILL EXISTING FOUNDATION               |
| 4. INSTALL SMFO CABLE   | 16. BORE AND JACK CONDUIT  | 28. INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPLICE CABLE IN CABINET | 40. INSTALL OVER-SIZED JUNCTION BOX                          | 52. INSTALL DELINEATOR MARKER  | 64. INTERCEPT AND REROUTE EXISTING CONDUITS             |
| 5. NOT USED   | 17. INSTALL CABLE(S) IN EXISTING CONDUIT   | 29. INSTALL UNDERGROUND SPLICE ENCLOSURE  | 41. REMOVE EXISTING JUNCTION BOX                             | 53. STORE 50 FEET OF COMMUNICATIONS CABLE (EACH CABLE)                             | 65. BOND MESSENGER TO POLE GROUND                       |
| 6. INSTALL FIBER-OPTIC DROP CABLE                                 | 18. INSTALL CABLE(S) IN NEW CONDUIT  | 30. INSTALL AERIAL SPLICE ENCLOSURE   | 42. INSTALL WOOD POLE  | 54. LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE                          | 66. BOND RISER TO POLE GROUND                           |
| 7. INSTALL TRACER WIRE  | 19. INSTALL CABLE(S) IN EXISTING RISER(S)  | 31. INSTALL SPLICE CABINET  | 43. REMOVE EXISTING WOOD POLE                                | 55. LASH CABLE(S) TO EXISTING MESSENGER CABLE                                      | 67. BOND TRACER WIRE TO EQUIPMENT GROUND BUS            |
| 8. INSTALL CONDUIT UNDERGROUND                                    | 20. INSTALL CABLE(S) IN NEW RISER(S)   | 32. MODIFY EXISTING SPLICE ENCLOSURE OR INTERCONNECT CENTER                               | 44. INSTALL AERIAL GUY ASSEMBLY                              | 56. LASH CABLE(S) TO NEW MESSENGER CABLE   | 68. INSTALL NEW COVER ON OVER-SIZED JUNCTION BOX        |
| 9. INSTALL PVC CONDUIT  | 21. INSTALL CABLE(S) IN EXISTING CABINET ENTRANCE                                  | 33. REMOVE EXISTING SPLICE /HUB /CCTV CABINET   | 45. INSTALL STANDARD GUY ASSEMBLY                            | 57. MODIFY EXISTING ELECTRICAL SERVICE FOR CCTV                                    | 69. INSTALL NEW BASE MOUNTED CCTV CABINET (336-A)       |
| 10. INSTALL RIGID, GALVANIZED STEEL CONDUIT                       | 22. INSTALL NEW CONDUIT INTO CABINET BASE (USE EX CABINET ENTRANCE WHEN AVAILABLE) | 34. INSTALL CABINET FOUNDATION  | 46. INSTALL SIDEWALK GUY ASSEMBLY                            | 58. INSTALL NEW ELECTRICAL SERVICE FOR CCTV  | 70. INSTALL NEW POLE MOUNTED CCTV CABINET (NEMA TYPE 4) |
| 11. INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD        | 23. INSTALL NEW RISER INTO CABINET BASE (USE EX CABINET ENTRANCE WHEN AVAILABLE)   | 35. REMOVE EXISTING CABINET FOUNDATION  | 47. INSTALL MESSENGER CABLE                                  | 59. INSTALL NEW POLE MOUNTED CCTV CABINET (336)                                    | 71. HANDLASH AND INSTALL AERIAL CABLE PROTECTOR         |
| 12. INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING | 24. INSTALL NEW CONDUIT INTO POLE MOUNTED CABINET                                  | 36. INSTALL CCTV CAMERA ASSEMBLY  | 48. REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE | 60. INSTALL NEW BUILDING MOUNTED CCTV CABINET (336)                                |   |



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Prepared for the Offices of:  
 Transportation Mobility and Safety Division  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 750 Greenfield Parkway, Garner, NC 27529

**High Point Signal System**  
 Cable Routing Plans

Division 7 Guilford County High Point

|                             |                      |
|-----------------------------|----------------------|
| PLAN DATE: June 2015        | REVIEWED BY: MB Toth |
| PREPARED BY: AM Encarnacion | REVIEWED BY: LM Moon |

REVISIONS: \_\_\_\_\_ INIT. DATE

SCALE: 1"=50'

Seal: NORTH CAROLINA PROFESSIONAL SEAL 025892 ENGINEER MELISSA B. TOTH

Disciplined by: Melissa B. Toth 6/5/2015 DATE

CADD Filename: CL-194.dgn

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