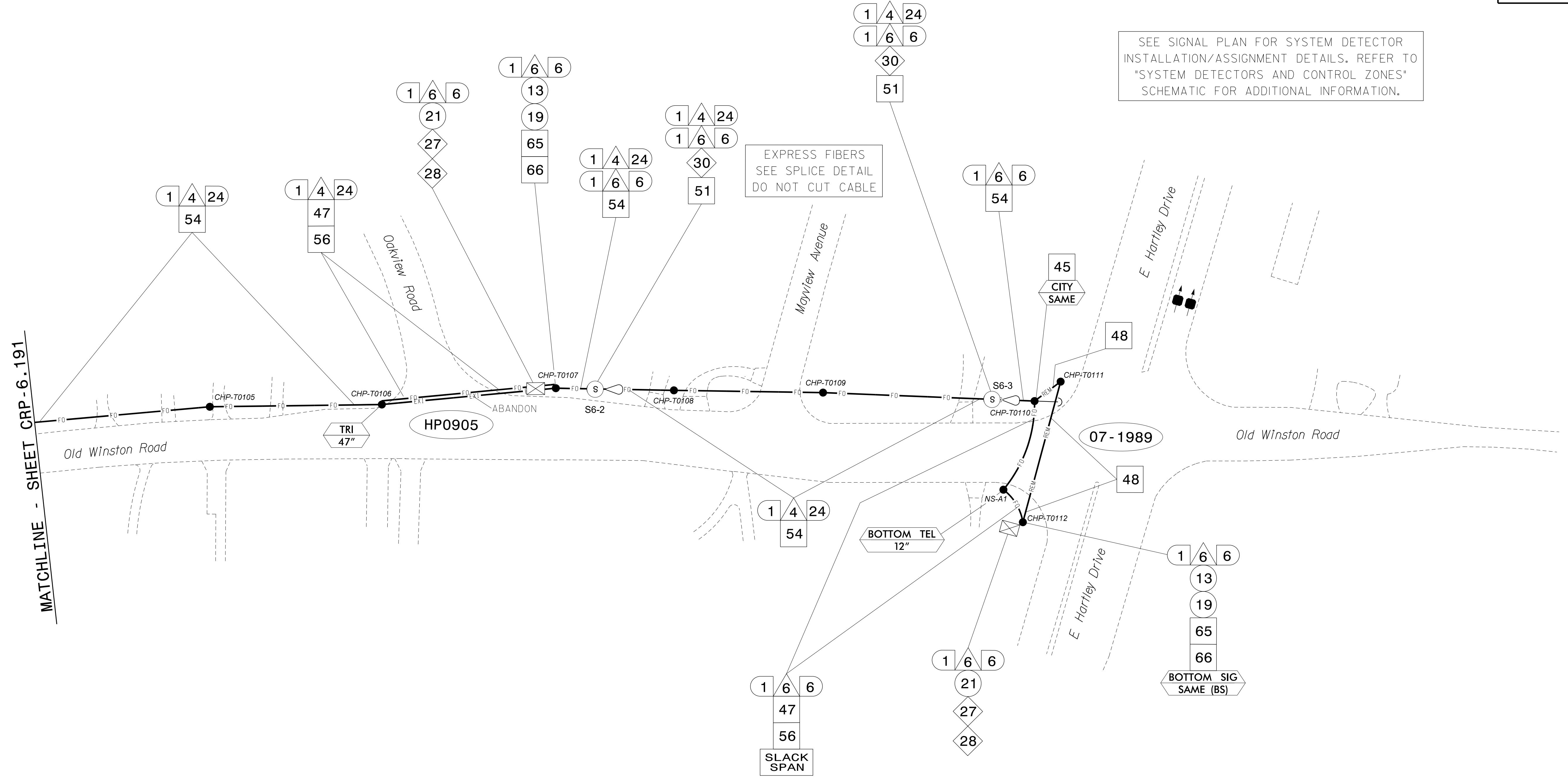


MATCHLINE - SHEET CRP-6.191

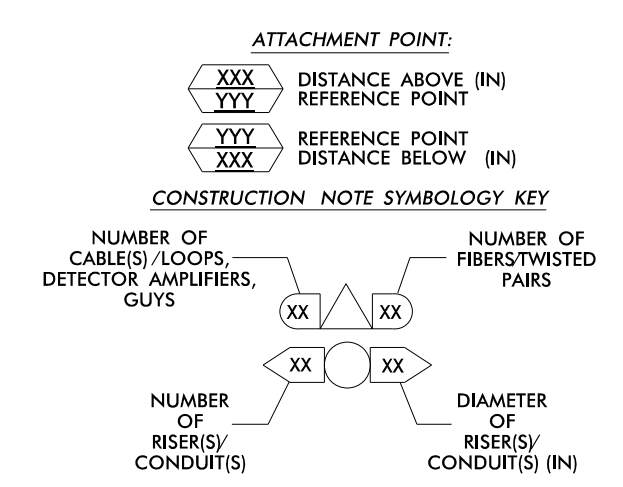


SEE SIGNAL PLAN FOR SYSTEM DETECTOR INSTALLATION/ASSIGNMENT DETAILS. REFER TO "SYSTEM DETECTORS AND CONTROL ZONES" SCHEMATIC FOR ADDITIONAL INFORMATION.

EXPRESS FIBERS SEE SPLICE DETAIL DO NOT CUT CABLE

- 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 |
| 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:
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 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: JA Wiles REVIEWED BY: LM Moon

SCALE: 1"=50'

REVISIONS: INIT. DATE

Seal: MELISSA B. TOTH, ENGINEER, SEAL 025892, DATE 6/5/2015

CADD File name: CL-192.dgn

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