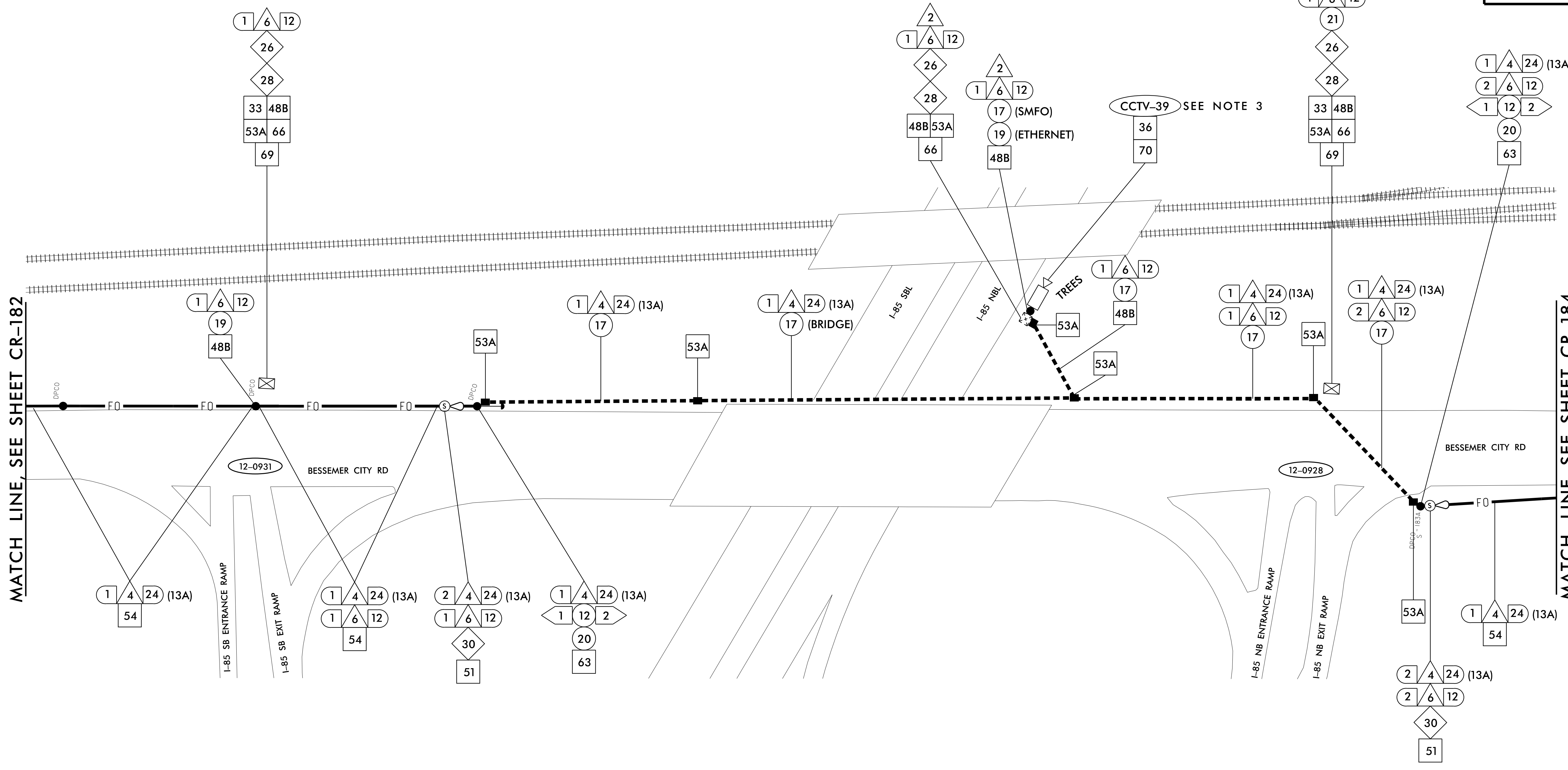


MATCH LINE, SEE SHEET CR-182

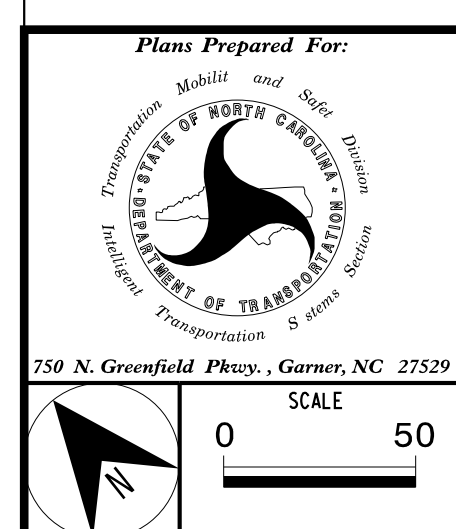
MATCH LINE, SEE SHEET CR-184



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|--|--|--|---|--|--|---|
| 1. INSTALL COAX CABLE | 12. INSTALL RIGID, GALVANIZED STEEL RISER WITH FIBER OPTIC CABLE SEAL | 23. INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE) | 34. INSTALL CABINET FOUNDATION | 44. INSTALL AERIAL GUY ASSEMBLY | 53A. STORE 20 FEET OF COMMUNICATIONS CABLE | 64. BOND MESSENGER CABLE TO POLE GROUND |
| 2. INSTALL ETHERNET CABLE | 13. INSTALL OUTER-DUCT POLYETHYLENE CONDUIT | 24. INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET | 35. INSTALL CCTV CAMERA POLE MOUNTED CABINET | 45. INSTALL STANDARD GUY ASSEMBLY | 53B. STORE 50 FEET OF EACH COMMUNICATIONS CABLE | 65. INSTALL HEAT SHRINK TUBING RETROFIT KIT |
| 3. EXISTING ETHERNET (OR COAX) CABLE | 14. INSTALL POLYETHYLENE CONDUIT | 25. INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET | 36. INSTALL CCTV CAMERA ASSEMBLY | 46. INSTALL SIDEWALK GUY ASSEMBLY | 54. LASH CABLE(S) TO EXISTING COMMUNICATIONS CABLE | 66. INSTALL MOLDBLE DUCT SEAL |
| 4. INSTALL SMFO CABLE | 15. DIRECTIONAL DRILL CONDUIT | 26. INSTALL NEW ETHERNET EDGE SWITCH | 37. INSTALL CCTV CAMERA WOOD POLE | 47. INSTALL MESSENGER CABLE | 55. LASH CABLE(S) TO EXISTING MESSENGER/SIGNAL CABLE | 67. SLACK SPAN |
| 5. EXISTING SMFO CABLE | 16. BORE AND JACK CONDUIT | 27. INSTALL NEW FIBER OPTIC TRANSCEIVER | 38. INSTALL CCTV CAMERA METAL POLE AND FOUNDATION | 48A. REMOVE EXISTING COMMUNICATIONS AND MESSENGER CABLE | 56. LASH CABLE(S) TO NEW MESSENGER CABLE | 68. INSTALL CABINET BASE ADAPTER |
| 6. INSTALL FIBER OPTIC DROP CABLE | 17. INSTALL CABLE(S) IN EXISTING CONDUIT | 28. INSTALL INTERCONNECT CENTER PATCH PANEL, JUMPERS AND FUSION SPLICE CABLE IN CABINET | 39. INSTALL JUNCTION BOX | 48B. REMOVE EXISTING COMMUNICATIONS CABLE | 57. MODIFY EXISTING ELECTRICAL SERVICE | 69. REMOVE EXISTING SIGNAL CABINET AND CONTROLLER |
| 7. INSTALL TRACER WIRE | 18. INSTALL CABLE(S) IN NEW CONDUIT | 29. INSTALL UNDERGROUND SPLICE ENCLOSURE | 40A. INSTALL OVERSIZED JUNCTION BOX | 49. BACK PULL EXISTING COMMUNICATIONS CABLE | 58. INSTALL NEW ELECTRICAL SERVICE | 70. REMOVE EXISTING CCTV CAMERA ASSEMBLY |
| 8. TRENCH | 19. INSTALL CABLE(S) IN EXISTING RISER | 30. INSTALL AERIAL SPLICE ENCLOSURE | 40B. INSTALL SPECIAL OVERSIZED JUNCTION BOX (36" x 24" x 24") | 50. INSTALL CELL MODEM AND ANTENNA | 59. INSTALL NEW EQUIPMENT CABINET DISCONNECT | 71. REMOVE EXISTING CCTV CAMERA CABINET |
| 9. INSTALL PVC CONDUIT | 20. INSTALL CABLE(S) IN NEW RISER | 31. MODIFY EXISTING INTERCONNECT CENTER /SPLICE ENCLOSURE | 41. REMOVE EXISTING JUNCTION BOX | 51. INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE | 60. BOND TRACER WIRE TO EQUIPMENT GROUND BUS | 72. REMOVE CABINET FOUNDATION |
| 10. INSTALL RIGID, GALVANIZED STEEL CONDUIT | 21. INSTALL CABLE(S) IN EXISTING CONDUIT STUB-OUTS | 32. INSTALL POLE MOUNTED 336S SIGNAL CABINET AND CONTROLLER | 42. INSTALL WOOD POLE | 52A. INSTALL DELINEATOR MARKER | 61. DO NOT BOND TRACER WIRE TO EQUIPMENT GROUND BUS | 73. MODIFY EXISTING CABINET FOUNDATION |
| 11. INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD | 22. INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE) | 33. INSTALL BASE MOUNTED 332 SIGNAL CABINET WITH EXTENDER AND CONTROLLER | 43. REMOVE EXISTING WOOD POLE | 52B. INSTALL JUNCTION BOX MARKER | 62. BOND RISER AND MESSENGER CABLE TO POLE GROUND | 74. REMOVE EXISTING WIRELESS SYSTEM |
| | | | | | 63. BOND RISER TO POLE GROUND | 75. INSTALL WIRELESS ETHERNET SYSTEM |

NOTES:

- ATTACH NEW COMMUNICATIONS CABLE TO FRONT SIDE OF POLE AT 40 INCHES BELOW POWER PRESENCE UNLESS OTHERWISE NOTED.
- MAINTAIN A MINIMUM OF 6 FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY UNLESS OTHERWISE NOTED.
- INSTALL NEW CCTV CAMERA IN PLACE OF EXISTING CCTV CAMERA.



CITY OF GASTONIA COMPUTERIZED SIGNAL SYSTEM COMMUNICATIONS CABLE AND CONDUIT ROUTING PLAN

DIVISION 12 GASTON COUNTY

PLAN DATE: DECEMBER 2021 REVIEWED BY: K. SMITH

PREPARED BY: S. BUTLER REVIEWED BY: I. VAN OSDELL

REVISIONS	INIT.	DATE

Scale: 0 to 50 feet

Kimley»Horn

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Fax: (919) 677-2050

SEAL

North Carolina Professional Engineer Seal
No. 028952
Igor Van OsdeLL

DocuSigned by:
Igor Van OsdeLL
3/18/2022

CADD File name:

3/17/2022 KARAL.TPTD.LTS\01036569 Gastonia SignalSystem\6 Tasks\Plans\Cable Routing\SH1183.CR.dgn