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PROJECT REFERENCE NO.	SHEET NO.
R-2123CG	ITS-5

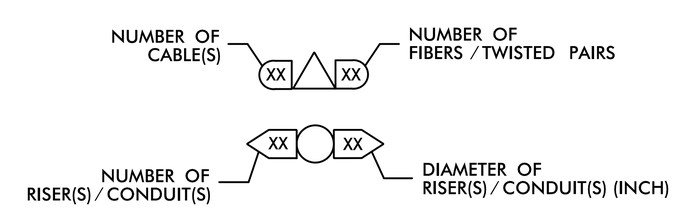
1. INSTALL 3–WIRE COPPER SERVICE ENTRANCE CONDUCTORS
2. INSTALL 4–WIRE COPPER FEEDER CONDUCTORS
3. INSTALL 3–WIRE COPPER FEEDER CONDUCTORS
4. INSTALL SMFO CABLE
5. INSTALL CAT 5e ETHERNET CABLE
6. INSTALL FIBER OPTIC DROP CABLE
7. INSTALL TRACER WIRE
8. TRENCH
9. INSTALL PVC CONDUIT
10. INSTALL RIGID, GALVANIZED STEEL CONDUIT
11. INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD
12. INSTALL RIGID, GALVANIZED STEEL RISER WITH FIBER OPTIC CABLE SEAL
13. INSTALL POLYETHYLENE CONDUIT IN EXISTING OUTERDUCT
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 NEW 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. MODIFY EXISTING UNDERGROUND SPLICE ENCLOSURE
31. MODIFY EXISTING BASE 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 METAL POLE WITH LOWERING DEVICE AND FOUNDATION
38. INSTALL CCTV CAMERA METAL POLE AND FOUNDATION
39. INSTALL STANDARD JUNCTION BOX
40. INSTALL OVERSIZED JUNCTION BOX
41. INSTALL SPECIAL OVERSIZED JUNCTION BOX
42. INSTALL WOOD POLE
43. INSTALL 6″ x 6″ WOOD PEDESTAL
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 CABLE
52. INSTALL DELINEATOR MARKER
53. STORE 30 FEET OF COMMUNICATIONS CABLE (EACH CABLE), EXCEPT AS NOTED ON PLANS
54. LASH CABLE(S) TO NEW MESSENGER CABLE
55. LASH CABLE(S) TO EXISTING MESSENGER CABLE
56. INSTALL NEW EQUIPMENT CABINET DISCONNECT
57. MODIFY EXISTING ELECTRICAL SERVICE
58. INSTALL NEW ELECTRICAL SERVICE
59. INSTALL NEW POLE MOUNTED CABINET
60. INSTALL FIELD ETHERNET SWITCH
61. INSTALL SOLAR POWER ASSEMBLY
62. INSTALL DMS ASSEMBLY
63. REMOVE EXISTING JUNCTION BOX
64. INSTALL ISOLATION TRANSFORMER

LEGEND

- FO — NEW FIBER OPTIC COMMUNICATIONS CABLE
- NEW CONDUIT
- EXISTING CONDUIT
- DD — NEW DIRECTIONAL DRILLED CONDUIT
- EXISTING GUARDRAIL
- EXISTING RIGHT OF WAY
- NEW JUNCTION BOX
- EXISTING JUNCTION BOX
- NEW WOOD POLE
- EXISTING WOOD POLE
- NEW SPLICE ENCLOSURE
- EXISTING SPLICE ENCLOSURE
- NEW METAL POLE
- EXISTING METAL POLE
- EXISTING CCTV CAMERA ASSEMBLY
- NEW CCTV CAMERA ASSEMBLY
- EXISTING STEEL POLE WITH MICROWAVE VEHICLE DETECTOR
- EXISTING OVERHEAD DMS STRUCTURE
- PROPOSED OVERHEAD DMS STRUCTURE
- EXISTING PEDESTAL–MOUNTED DMS STRUCTURE
- PROPOSED PEDESTAL–MOUNTED DMS STRUCTURE
- NEW STANDARD GUY ASSEMBLY
- EXISTING STANDARD GUY ASSEMBLY
- NEW SIDEWALK GUY ASSEMBLY
- NEW CABLE STORAGE RACKS (SNOW SHOES)
- EXISTING SIGNAL CABINET
- EXISTING FIELD EQUIPMENT CABINET
- NEW FIELD EQUIPMENT CABINET
- NEW ELECTRICAL SERVICE
- EXISTING ELECTRICAL SERVICE
- SP — SIGNAL POLE
- XXX–# — EXISTING ITS DEVICE NUMBER
- XXX–# — NEW ITS DEVICE NUMBER

CONSTRUCTION NOTE SYMBOLOGY KEY

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



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Plans Prepared for:
Transportation Mobility and Safety Division
Intelligent Transportation Systems Section
750 N. Greenfield Pkwy., Garner, NC 27529

CONSTRUCTION NOTES AND LEGEND

MECKLENBURG & CABARRUS COUNTIES

DIVISION 10 CHARLOTTE

PLAN DATE:	DECEMBER 2014	REVIEWED BY:	A.D. KLINKSIEK
PREPARED BY:	T.R. TERRELL	REVIEWED BY:	H.L. WINSTEAD

SCALE: NONE

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 07983 ENGINEER HARVEY L. WINSTEAD, JR.

DocuSigned by:
H L Winstead 12-18-2014
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SIGNATURE DATE

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