



NOTES:

- FOR SPLICE #5, THE CONTRACTOR SHALL LOCATE THE EXISTING 72F TRUNK CABLE AND CONDUIT, OUTSIDE THE CONSTRUCTION ZONE, SET A NEW SPLICE BOX AND SPLICE TO NEW 72F TRUNK CABLE (REEL END SPLICE). END NEW CONDUIT AND CABLE RUN HERE, ALSO AT THE EXISTING CCTV LOCATION.

TMP Phase I (Final)

1. INSTALL REA, PE - 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE	15. DIRECTIONAL DRILL CONDUIT	30. INSTALL AERIAL SPLICE ENCLOSURE	46. INSTALL SIDEWALK GUY ASSEMBLY
2. INSTALL REA, PE - 38, (FIGURE - 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE	16. BORE AND JACK CONDUIT	31. INSTALL POLE MOUNTED CABINET	47. INSTALL MESSENGER CABLE
3. INSTALL 3-CONDUCTOR, CLASS B, STRANDED UNDERGROUND POWER CABLE	17. INSTALL CABLE(S) IN EXISTING CONDUIT	32. INSTALL BASE MOUNTED CABINET (336) WITH EXTEND BASE	48. REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE
4. INSTALL SMFO CABLE	18. INSTALL CABLE(S) IN NEW CONDUIT	33. REMOVE EXISTING SPLICE CABINET	49. REMOVE EXISTING COMMUNICATIONS CABLE
5. INSTALL WEATHERPROOF CATEGORY 5e UTP - 4 PAIR 23 AWG CABLE (PoE)	19. INSTALL CABLE(S) IN EXISTING RISER	34. INSTALL CABINET FOUNDATION	50. INSTALL REEL END SPLICE
6. INSTALL FIBER OPTIC DROP CABLE	20. INSTALL CABLE(S) IN NEW RISER	35. REMOVE EXISTING CABINET FOUNDATION	51. INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE
7. INSTALL TRACER WIRE	21. INSTALL CABLE(S) IN EXISTING CONDUIT STUBOUTS	36. INSTALL CCTV CAMERA ASSEMBLY	52. INSTALL DELINEATOR MARKER
8. TRENCH	22. INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)	37. INSTALL CCTV CAMERA WOOD POLE	53. STORE 50 FEET OF COMMUNICATIONS CABLE
9. INSTALL PVC CONDUIT	23. INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)	38. INSTALL CCTV CAMERA METAL POLE AND FOUNDATION	54. LASH CABLE(S) TO EXISTING SIGNAL / COMMUNICATIONS CABLE
10. INSTALL RIGID, GALVANIZED STEEL CONDUIT	24. INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET	39. INSTALL SPECIAL OVERSIZED JUNCTION BOX WITH 100 FEET OF COMMUNICATIONS CABLE	55. LASH CABLE(S) TO EXISTING MESSENGER CABLE
11. INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD	25. INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET	40. INSTALL OVERSIZED JUNCTION BOX	56. LASH CABLE(S) TO NEW MESSENGER CABLE
12A. INSTALL RIGID, GALVANIZED STEEL RISER WITH FIBER OPTIC CABLE SEAL	26. TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET	41. REUSE EXISTING METAL CCTV CAMERA POLE WITH NEW POLE FOUNDATION	57. MODIFY EXISTING ELECTRICAL SERVICE
12B. INSTALL BRIDGE MOUNTED FIBERGLASS CONDUIT, WITH FOUR-WAY INNERDUCT INSERT	27. INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET	42. INSTALL WOOD POLE	58. INSTALL NEW ELECTRICAL SERVICE FOR CCTV/DMS
13. INSTALL OUTER-DUCT POLYETHYLENE CONDUIT	28. INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPLICE CABLE IN CABINET	43. REMOVE EXISTING WOOD POLE	59. INSTALL NEW BASE MOUNTED CABINET (336)
14. INSTALL POLYETHYLENE CONDUIT	29. INSTALL UNDERGROUND SPLICE ENCLOSURE	44. INSTALL AERIAL GUY ASSEMBLY	60. SEAL ALL CONDUIT ENTERING JUNCTION BOXES AND CABINETS WITH MOLDABLE DUCT SEAL
		45. INSTALL STANDARD GUY ASSEMBLY	61. INSTALL ETHERNET SWITCH

62. MODIFY EXISTING JUNCTION BOX	PROPOSED CONDUIT
63. MODIFY EXISTING UNDERGROUND SPLICE CLOSURE AND RESEAL	EXISTING CONDUIT
64. INSTALL JUNCTION BOX (JB) MARKER	NEW AERIAL FIBER OPTIC COMMUNICATIONS CABLE
	NEW DIRECTIONAL DRILLED CONDUIT
	NEW JUNCTION BOX
	EXISTING JUNCTION BOX
	NEW UNDERGROUND SPLICE CLOSURE
	EXISTING CCTV CAMERA ASSEMBLY
	NEW CCTV CAMERA ASSEMBLY
	EXISTING MASTER CONTROLLER AND CABINET
	EXISTING CONTROLLER AND CABINET

Stantec
 Stantec Consulting Services Inc.
 801 Jones Franklin Road
 Suite 300
 Raleigh, NC 27606
 Tel. (919) 851-6866
 Fax. (919) 851-7024
 www.stantec.com
 License No. F-0672

Prepared for the Offices of:

 Bethany L. Watson
 750 N. Greenfield Plaza, Garner, NC 27529

CABLE ROUTING PLANS	
DIV 10	MECKLENBURG CO. CHARLOTTE
PLAN DATE: 2017	REVIEWED BY: D. HARRIS
PREPARED BY: J. INGRAM	REVIEWED BY: B. WATSON
REVISIONS	INIT. DATE

SEAL

 Bethany L. Watson
 1/23/2018
 CADD FILE NAME