

NOTES:

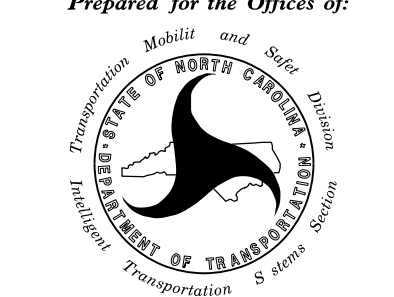
1. THE FIRST PHASE OF THE FIBER INSTALLATION FOR THE WEST PORTION AND WEST CROSSOVER SHALL CONSIST OF THE DUAL CONDUIT AND FIBER INSTALLATION FROM SPLICE #1, TO SPLICE #2, AND THE DIRECT DRILL FROM SPLICE #2 TO JB-1 FOR CONNECTION TO THE TEMPORARY AND FINAL LOCATION OF THE SIGNAL CABINET FOR THE WEST CROSSOVER.
2. FOR SPLICE #1, THE CONTRACTOR SHALL LOCATE THE EXISTING 72F TRUNK CABLE AND CONDUIT, SET A NEW SPLICE BOX AND SPLICE TO NEW 72F TRUNK CABLE (REEL END SPLICE). BEGIN NEW CONDUIT AND CABLE RUN HERE, BURY NEW CONDUIT BETWEEN GUARDRAIL AND EDGE OF PAVEMENT.
3. FOR SPLICE #2, THE CONTRACTOR SHALL SPLICE THE 12F DROP CABLE FOR THE SIGNAL AT THE WEST CROSSOVER TO THE 72F BACKBONE CABLE.

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 MOLDBLE DUCT SEAL
		45. INSTALL STANDARD GUY ASSEMBLY	61. INSTALL ETHERNET SWITCH

62. MODIFY EXISTING JUNCTION BOX	LEGEND:
63. MODIFY EXISTING UNDERGROUND SPLICE CLOSURE AND RESEAL	--- PROPOSED CONDUIT
64. INSTALL JUNCTION BOX (JB) MARKER	--- EXISTING CONDUIT
	--- EXISTING CONDUIT
	--- 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

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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
 SCALE: NTS
 SEAL: 29449
 SIGNATURE: *Betsy L. Watson* 1/23/2018
 CADD FILE NAME: _____