

- 1 INSTALL 4-WIRE COPPER FEEDER CONDUCTORS
- 2 INSTALL 3-WIRE COPPER FEEDER CONDUCTORS
- 3 INSTALL ETHERNET CABLE
- 4 INSTALL SMFO CABLE
- 5 EXISTING SMFO CABLE
- 6 INSTALL FIBER OPTIC DROP CABLE
- 7 INSTALL TRACER WIRE
- 8 TRENCH
- 9 INSTALL FIBERGLASS CONDUIT
- 10 INSTALL OUTER-DUCT 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 OUTER-DUCT POLYETHYLENE CONDUIT
- 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 STUB-OUTS
- 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 EXISTING POLE MOUNTED CABINET
- 25 INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET
- 26 INSTALL NEW ETHERNET EDGE SWITCH
- 27 INSTALL NEW FIBER OPTIC TRANSCEIVER
- 28 INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS AND FUSION SPlice CABLE IN CABINET
- 29 INSTALL UNDERGROUND SPlice ENCLOSURE
- 30 INSTALL AERIAL SPlice ENCLOSURE
- 31 MODIFY EXISTING INTERCONNECT CENTER /SPlice ENCLOSURE
- 32 INSTALL POLE MOUNTED DEVICE CABINET
- 33 INSTALL BASE MOUNTED HUB CABINET

- 34 INSTALL CABINET FOUNDATION
- 35 INSTALL CCTV CAMERA POLE MOUNTED CABINET
- 36 INSTALL CCTV CAMERA ASSEMBLY
- 37 INSTALL CCTV CAMERA WOOD POLE
- 38 INSTALL CCTV CAMERA METAL POLE AND FOUNDATION
- 39 INSTALL LIMITED ACCESS FACILITIES - JUNCTION BOX (STANDARD SIZE "16 x 10" x 10")
- 40A INSTALL LIMITED ACCESS FACILITIES - JUNCTION BOX (OVERSIZED 28" x 15" x 22")
- 40B INSTALL LIMITED ACCESS FACILITIES - JUNCTION BOX (SPECIAL OVERSIZED 36" x 24" x 24")
- 40C BRIDGE MOUNTED JUNCTION BOX
- 40D ELECTRONIC MARKER BALL
- 41 REMOVE EXISTING JUNCTION BOX
- 42A INSTALL WOOD POLE
- 42B INSTALL WOOD POST 6" X 6"
- 43 REMOVE EXISTING WOOD POLE
- 44 INSTALL AERIAL GUY ASSEMBLY
- 45 INSTALL STANDARD GUY ASSEMBLY
- 46 INSTALL SIDEWALK GUY ASSEMBLY
- 47 INSTALL MESSENGER CABLE
- 48A REMOVE EXISTING COMMUNICATIONS AND MESSENGER CABLE
- 48B REMOVE EXISTING COMMUNICATIONS CABLE
- 49 BACK PULL EXISTING COMMUNICATIONS CABLE
- 50 INSTALL CELL MODEM AND ANTENNA
- 51 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE
- 52A INSTALL DELINEATOR MARKER
- 52B INSTALL JUNCTION BOX MARKER
- 53A STORE 20 FEET OF COMMUNICATIONS CABLE
- 53B STORE 50 FEET OF EACH COMMUNICATIONS CABLE
- 54 LASH CABLE(S) TO EXISTING COMMUNICATIONS CABLE
- 55 LASH CABLE(S) TO EXISTING MESSENGER CABLE
- 56 LASH CABLE(S) TO NEW MESSENGER CABLE
- 57 MODIFY EXISTING ELECTRICAL SERVICE
- 58 INSTALL NEW ELECTRICAL SERVICE
- 59 INSTALL NEW EQUIPMENT CABINET DISCONNECT
- 60 BOND TRACER WIRE TO EQUIPMENT GROUND BUS
- 61 DO NOT BOND TRACER WIRE TO EQUIPMENT GROUND BUS
- 62 BOND RISER AND MESSENGER CABLE TO POLE GROUND
- 63 BOND RISER TO POLE GROUND
- 64 BOND MESSENGER CABLE TO POLE GROUND

- 65 INSTALL HEAT SHRINK TUBING RETROFIT KIT
- 66 INSTALL MOLDABLE DUCT SEAL
- 67 SLACK SPAN
- 68 INSTALL PEDESTAL TYPE SIGN STRUCTURE FOUNDATION AND DMS ASSEMBLY
- 69 INSTALL EQUIPMENT CABINET DISCONNECT ON CCTV POLE OR DMS STRUCTURE
- 70 INSTALL CCTV CAMERA ON EXTENSION POLE ATTACHED TO DMS
- 71 INTERCEPT AND REROUTE EXISTING CONDUITS
- 72 INSTALL GENERATOR TRANSFER SWITCH AND INLET BOX
- 73 INSTALL MECHANICAL SEALING DEVICES AND DUCT PLUGS ON CONDUITS

LEGEND

NEW		EXISTING
FO	OVERHEAD FIBER OPTIC CABLE	EXI
DD	CONDUIT (TRENCH, PLOW, OR BRIDGE MOUNT)	
REM	DIRECTIONAL DRILLED CONDUIT	N/A
[Symbol]	EXISTING COMMUNICATION CABLE TO BE REMOVED	N/A
[Symbol]	OVERSIZED JUNCTION BOX	[Symbol]
[Symbol]	WOOD POLE	[Symbol]
[Symbol]	AERIAL SPlice ENCLOSURE	[Symbol]
[Symbol]	UNDERGROUND SPlice ENCLOSURE	[Symbol]
[Symbol]	METAL POLE	[Symbol]
[Symbol]	CCTV ASSEMBLY	[Symbol]
[Symbol]	STANDARD GUY ASSEMBLY	[Symbol]
[Symbol]	SIDEWALK GUY ASSEMBLY	[Symbol]
[Symbol]	CABLE STORAGE RACKS (SNOW SHOES)	[Symbol]
[Symbol]	SIGNAL/EQUIPMENT CABINET	[Symbol]
[Symbol]	HUB CABINET	[Symbol]
[Symbol]	POLE MOUNTED EQUIPMENT CABINET	[Symbol]
[Symbol]	ELECTRICAL SERVICE	[Symbol]
XX-XXXX	SIGNAL INVENTORY NUMBER	XX-XXXX
XXX-#	CCTV CAMERA /DMS NUMBER	XXX-#
[Symbol]	DMS OVERHEAD	[Symbol]
[Symbol]	DMS PEDESTAL	[Symbol]

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)

NUMBER OF CABLE(S) NUMBER OF FIBERS/TWISTED PAIRS

NUMBER OF RISER(S)/CONDUIT(S) DIAMETER OF RISER(S)/CONDUIT(S) (INCH)

NEW/EXISTING CABLE
REMOVE/MODIFY CABLE
CONDUIT/RISER

ATTACHMENT POINT:

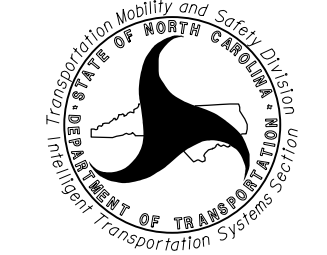
XX"/SS DISTANCE ABOVE (IN)/ATTACHMENT POINT
YYY REFERENCE POINT

YYY REFERENCE POINT
XX"/SS DISTANCE BELOW (IN)/ATTACHMENT POINT

"SS" REFERENCE LOCATION
FS = FRONT SIDE OF POLE
BS = BACK SIDE OF POLE


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Prepared for the Offices of:

CONSTRUCTION NOTES
 DIVISION 13 BUNCOMBE CO. ASHEVILLE
 PLAN DATE: January 2024 REVIEWED BY: M. Cavanaugh
 PREPARED BY: M. Tindal REVIEWED BY: R. Garrett

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

 Rachelle Massett 1/19/2024
 SIGNATURE DATE
 CADD Filename: