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PROJECT REFERENCE NO.	SHEET NO.
U-5956	SCP-1

1 INSTALL COAX CABLE
2 INSTALL ETHERNET CABLE
3 EXISTING ETHERNET (OR COAX) CABLE
4 INSTALL SMFO CABLE
5 EXISTING SMFO CABLE
6 INSTALL FIBER OPTIC DROP CABLE ASSEMBLY
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 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 BASE MOUNTED CABINET
25 INSTALL NEW RISER INTO BASE 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 SPLICE CABINET
33 INSTALL BASE MOUNTED SPLICE 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 JUNCTION BOX
40A INSTALL OVERSIZED JUNCTION BOX
40B INSTALL SPECIAL OVERSIZED JUNCTION BOX (36″ x 24″ x 24″)
41 REMOVE EXISTING JUNCTION BOX
42 INSTALL WOOD POLE
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

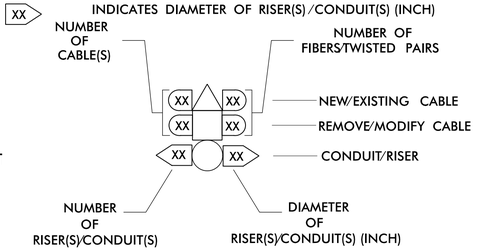
LEGEND

FO — NEW FIBER OPTIC COMMUNICATIONS CABLE
EXI — EXISTING COMMUNICATIONS CABLE
REM — EXISTING COMMUNICATIONS CABLE TO BE REMOVED
NEW AERIAL GUY ASSEMBLY
NEW CONDUIT
EXISTING CONDUIT
DD — NEW DIRECTIONAL DRILLED CONDUIT

NEW		EXISTING
	OVERSIZED JUNCTION BOX	
	WOOD POLE	
S	AERIAL SPLICE ENCLOSURE	S
S	UNDERGROUND SPLICE ENCLOSURE	S
	METAL POLE	
	CCTV ASSEMBLY	
	STANDARD GUY ASSEMBLY	
	SIDEWALK GUY ASSEMBLY	
	CABLE STORAGE RACKS (SNOW SHOES)	
	SIGNAL/EQUIPMENT CABINET	
S	SPLICE CABINET	S
	FLAT PANEL ANTENNA (SINGLE)	
	YAGI ANTENNA (DOUBLE) FOR REPEATER OPERATION	
	YAGI ANTENNA (SINGLE)	
	OMNI ANTENNA	
SP	SIGNAL POLE	SP
XX–XXXX	SIGNAL INVENTORY NUMBER	XX–XXXX

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)



ATTACHMENT POINT:

XX″/SS YYY — DISTANCE ABOVE (IN)/ATTACHMENT POINT REFERENCE POINT
YYY XX″/SS — REFERENCE POINT DISTANCE BELOW (IN)/ATTACHMENT POINT

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

PLANS PREPARED IN THE OFFICE OF:
Kimley»Horn
NC License #F-0102
421 Fayetteville Street, Suite 600
Raleigh, NC 27601
(919) 677-2000

Prepared for the Offices of:
Transportation Mobility and Safety Division
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
750 N. Greenfield Pkwy., Garner, NC 27529

CITY OF CONCORD SIGNAL SYSTEM

Construction Notes and Legend

Division 10 Cabarrus County Concord

PLAN DATE: February 2025	REVIEWED BY: KW Smith
PREPARED BY: SP Pennington	REVIEWED BY:

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 030472 ENGINEER KEVIN W. SMITH

DocuSigned by: Kevin Smith
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8/21/2025
SIGNATURE DATE

CADD Filename:

8/21/2025 12:54:46 PM Adam.McLaine K:\CHL_PRJ\R011036427 - U-5956 (Union Cemetery)\Signals\SG - Cable Routing\U-5956 SCP-01.dgn