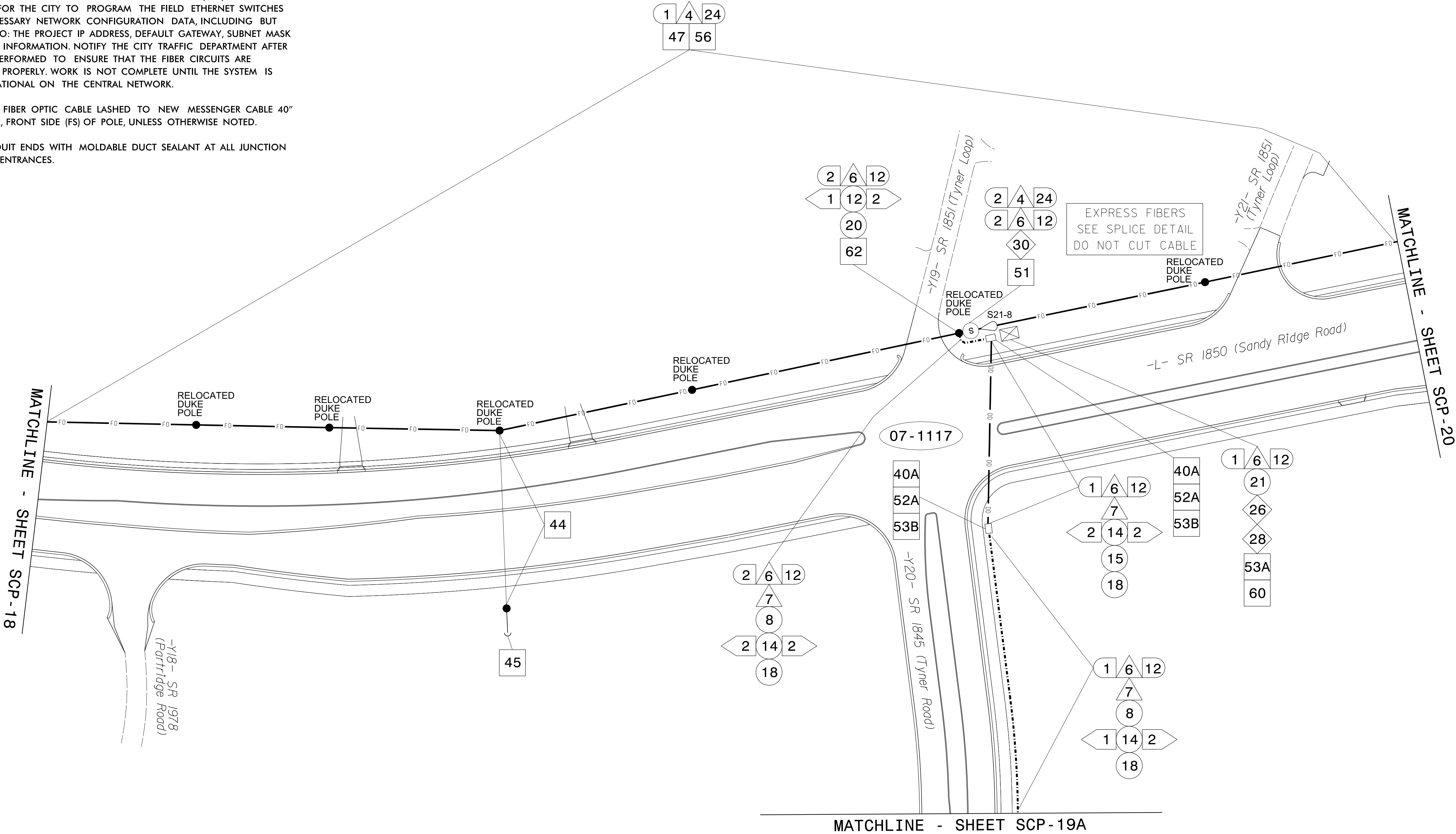


PROJECT REFERENCE NO.	SHEET NO.
U-4758	SCP-19

NOTES:

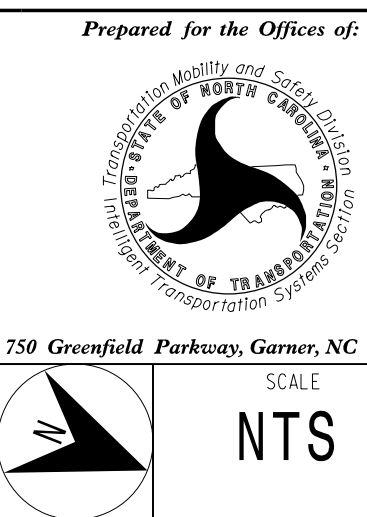
- FIVE (5) DAYS PRIOR TO BEGINNING WORK ON SIGNAL SYSTEM CONTACT CITY OF HIGH POINT TRAFFIC DEPARTMENT AT (336) 345-4616 TO ARRANGE FOR THE CITY TO PROGRAM THE FIELD ETHERNET SWITCHES WITH THE NECESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NOT LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID INFORMATION. NOTIFY THE CITY TRAFFIC DEPARTMENT AFTER ALL WORK IS PERFORMED TO ENSURE THAT THE FIBER CIRCUITS ARE FUNCTIONING PROPERLY. WORK IS NOT COMPLETE UNTIL THE SYSTEM IS UP AND OPERATIONAL ON THE CENTRAL NETWORK.
- ATTACH NEW FIBER OPTIC CABLE LASHED TO NEW MESSENGER CABLE 40" BELOW POWER, FRONT SIDE (FS) OF POLE, UNLESS OTHERWISE NOTED.
- SEAL ALL CONDUIT ENDS WITH MOLDABLE DUCT SEALANT AT ALL JUNCTION BOX / CABINET ENTRANCES.



1 INSTALL COAX CABLE	11 INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD	22 INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT SUB-OUTS WHEN AVAILABLE)	32 INSTALL POLE MOUNTED SPLICE CABINET	42 INSTALL WOOD POLE	52B INSTALL JUNCTION BOX MARKER	63 BOND RISER TO POLE GROUND
2 INSTALL ETHERNET CABLE	12 INSTALL RIGID, GALVANIZED STEEL RISER WITH FIBER OPTIC CABLE SEAL	23 INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT SUB-OUTS WHEN AVAILABLE)	33 INSTALL BASE MOUNTED SPLICE CABINET	43 REMOVE EXISTING WOOD POLE	53A STORE 20 FEET OF COMMUNICATIONS CABLE	64 BOND MESSENGER CABLE TO POLE GROUND
3 EXISTING ETHERNET (OR COAX) CABLE	13 INSTALL OUTER-DUCT POLYETHYLENE CONDUIT	24 INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET	34 INSTALL CABINET FOUNDATION	44 INSTALL AERIAL GUY ASSEMBLY	53B STORE 50 FEET OF EACH COMMUNICATIONS CABLE	65 INSTALL HEAT SHRINK TUBING RETROFIT KIT
4 INSTALL SMFO CABLE	14 INSTALL POLYETHYLENE CONDUIT	25 INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET	35 INSTALL CCTV CAMERA POLE MOUNTED CABINET	45 INSTALL STANDARD GUY ASSEMBLY	54 LASH CABLE(S) TO EXISTING COMMUNICATIONS CABLE	66 INSTALL MOLDABLE DUCT SEAL
5 EXISTING SMFO CABLE	15 DIRECTIONAL DRILL CONDUIT	26 INSTALL NEW ETHERNET EDGE SWITCH	36 INSTALL CCTV CAMERA ASSEMBLY	46 INSTALL SIDEWALK GUY ASSEMBLY	55 LASH CABLE(S) TO EXISTING MESSENGER CABLE	67 SLACK SPAN
6 INSTALL FIBER OPTIC DROP CABLE	16 BORE AND JACK CONDUIT	27 INSTALL NEW FIBER OPTIC TRANSCEIVER	37 INSTALL CCTV CAMERA WOOD POLE	47 INSTALL MESSENGER CABLE	56 LASH CABLE(S) TO NEW MESSENGER CABLE	
7 INSTALL TRACER WIRE	17 INSTALL CABLE(S) IN EXISTING CONDUIT	28 INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPLICE CABLE IN CABINET	38 INSTALL CCTV CAMERA METAL POLE AND FOUNDATION	48A REMOVE EXISTING COMMUNICATIONS AND MESSENGER CABLE	57 MODIFY EXISTING ELECTRICAL SERVICE	
8 TRENCH	18 INSTALL CABLE(S) IN NEW CONDUIT	29 INSTALL UNDERGROUND SPLICE ENCLOSURE	39 INSTALL JUNCTION BOX	48B REMOVE EXISTING COMMUNICATIONS CABLE	58 INSTALL NEW ELECTRICAL SERVICE	
9 INSTALL PVC CONDUIT	19 INSTALL CABLE(S) IN EXISTING RISER	30 INSTALL AERIAL SPLICE ENCLOSURE	40A INSTALL OVERSIZED JUNCTION BOX	49 BACK PULL EXISTING COMMUNICATIONS CABLE	59 INSTALL NEW EQUIPMENT CABINET DISCONNECT	
10 INSTALL RIGID, GALVANIZED STEEL CONDUIT	20 INSTALL CABLE(S) IN NEW RISER	31 MODIFY EXISTING INTERCONNECT CENTER /SPLICE ENCLOSURE	40B INSTALL SPECIAL OVERSIZED JUNCTION BOX (36" x 24" x 24")	50 INSTALL CELL MODEM AND ANTENNA	60 BOND TRACER WIRE TO EQUIPMENT GROUND BUS	
	21 INSTALL CABLE(S) IN EXISTING CONDUIT SUB-OUTS		41 REMOVE EXISTING JUNCTION BOX	51 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE	61 DO NOT BOND TRACER WIRE TO EQUIPMENT GROUND BUS	
				52A INSTALL DELINEATOR MARKER	62 BOND RISER AND MESSENGER CABLE TO POLE GROUND	

TMP PHASE IV - Final Design

Prepared for the Offices of:



750 Greenfield Parkway, Garner, NC 27529

SCALE

NTS

High Point Signal System
SR 1818 (Johnson Street)/
SR 1850 (Sandy Ridge Road)
Cable Routing Plans

Division 7
Guilford County
High Point

PLAN DATE: February 2025
REVIEWED BY: AM Encarnacion

PREPARED BY: JT Stiff
REVIEWED BY: PL Alexander

REVISIONS
INIT. DATE

SEAL
NORTH CAROLINA
PROFESSIONAL ENGINEER
JAMES T. STIFF
056276

Signed by:
James Stiff
056276
3/14/2025
DATE

CADD Filename: U4758_SCP-19.dgn