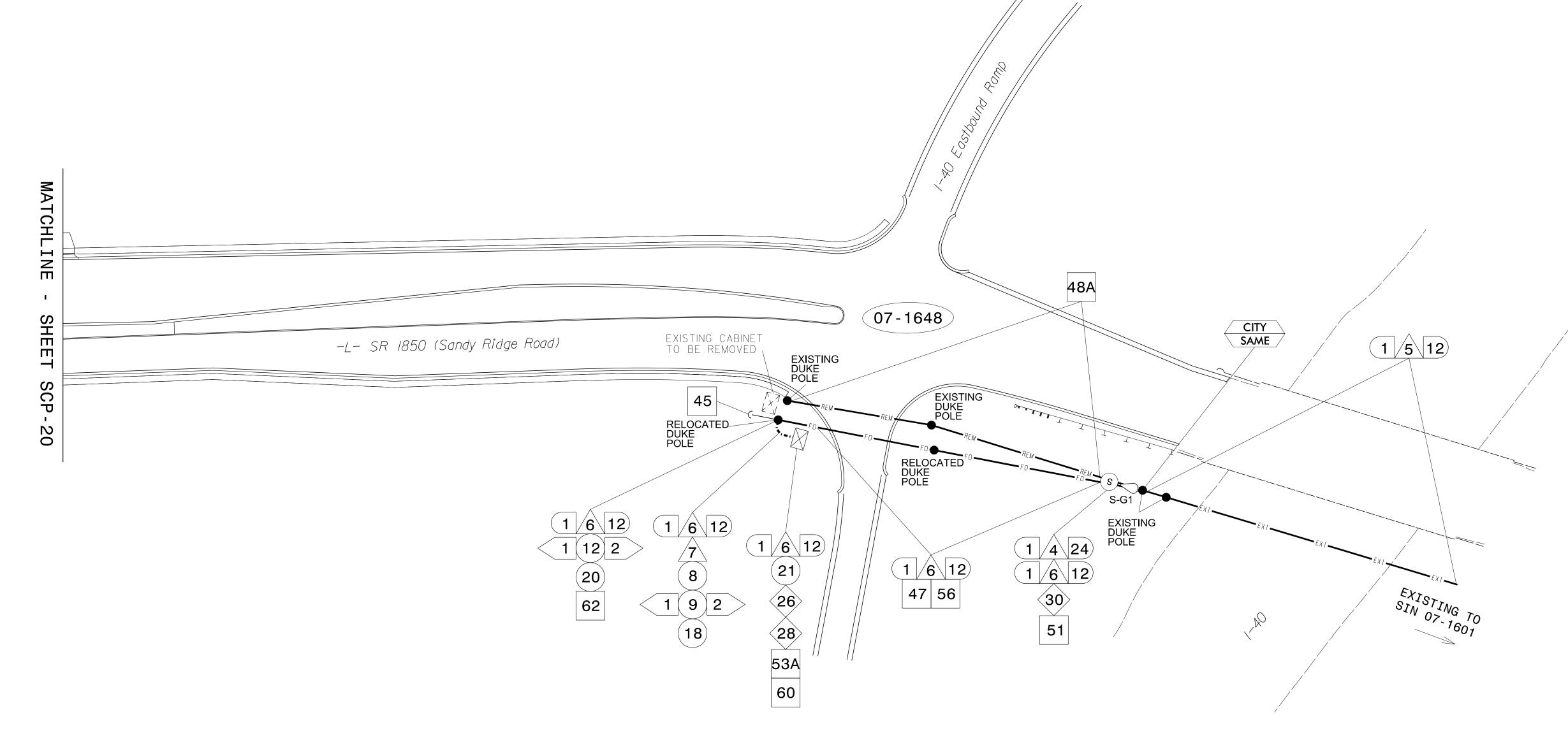
PROJECT REFERENCE NO. U-4758 SCP-21

NOTES:

- 1. FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE GREENSBORO SIGNAL SYSTEM CONTRACT TRAFFIC SIGNAL SYSTEM COORDINATOR AT (336) 373-4192 TO ARRANGE FOR THE CITY TO PROGRAM THE FIELD ETHERNET SWITCH 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 SIGNAL SYSTEM COORDINATOR 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.
- 2. ATTACH NEW FIBER OPTIC CABLE LASHED TO NEW MESSENGER CABLE 40" BELOW POWER, FRONT SIDE (FS) OF POLE, UNLESS OTHERWISE NOTED.





1 \ INSTALL COAX CABLE $^{\prime}$ 2 $^{\setminus}$ INSTALL ETHERNET CABLE

EXISTING ETHERNET (OR COAX) CABLE

INSTALL SMFO CABLE

EXISTING SMFO CABLE

INSTALL FIBER OPTIC DROP CABLE

INSTALL RIGID, GALVANIZED STEEL

INSTALL TRACER WIRE

8 TRENCH

9 INSTALL PVC CONDUIT

CONDUIT

INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD

INSTALL RIGID, GALVANIZED STEEL RISER WITH FIBER OPTIC CABLE SEAL

INSTALL OUTER-DUCT POLYETHYLENE CONDUIT 14) INSTALL POLYETHYLENE CONDUIT

15 DIRECTIONAL DRILL CONDUIT

16 BORE AND JACK CONDUIT

INSTALL CABLE(S) IN EXISTING CONDUIT

18) INSTALL CABLE(S) IN NEW CONDUIT 19) INSTALL CABLE(S) IN EXISTING RISER

INSTALL CABLE(S) IN NEW RISER INSTALL CABLE(S) IN EXISTING CONDUIT STUB-OUTS

INSTALL NEW CONDUIT INTO EXISTING (22) CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)

INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE) INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET

INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET

INSTALL NEW ETHERNET EDGE **SWITCH** INSTALL NEW FIBER OPTIC TRANSCEIVER

INSTALL INTERCONNECT CENTER,
PATCH PANEL, JUMPERS, AND
FUSION SPLICE CABLE IN CABINET INSTALL UNDERGROUND SPLICE ENCLOSURE

INSTALL AERIAL SPLICE **ENCLOSURE** MODIFY EXISTING INTERCONNECT CENTER /SPLICE ENCLOSURE

32 INSTALL POLE MOUNTED SPLICE CABINET

INSTALL BASE MOUNTED SPLICE CABINET 34 INSTALL CABINET FOUNDATION

INSTALL CCTV CAMERA POLE MOUNTED CABINET 36 INSTALL CCTV CAMERA ASSEMBLY

INSTALL CCTV CAMERA WOOD 37 POLE INSTALL CCTV CAMERA METAL 38 POLE AND FOUNDATION

40A INSTALL OVERSIZED JUNCTION BOX INSTALL SPECIAL OVERSIZED 40B JUNCTION BOX (36" x 24" x 24")

REMOVE EXISTING JUNCTION

BOX

42 INSTALL WOOD POLE

43 REMOVE EXISTING WOOD POLE 44 INSTALL AERIAL GUY ASSEMBLY

INSTALL CABLE STORAGE RACKS

52A INSTALL DELINEATOR MARKER

(SNOW SHOES) AND STORE 100
FEET OF CABLE

INSTALL STANDARD GUY 45 ASSEMBLY INSTALL SIDEWALK GUY 46 ASSEMBLY

47 INSTALL MESSENGER CABLE REMOVE EXISTING 48A COMMUNICATIONS AND MESSENGER CABLE REMOVE EXISTING

48B COMMUNICATIONS CABLE BACK PULL EXISTING 39 INSTALL JUNCTION BOX 49 COMMUNICATIONS CABLE INSTALL CELL MODEM AND 50 ANTENNA

52B INSTALL JUNCTION BOX MARKER | 63 | 53A STORE 20 FEET OF COMMUNICATIONS CABLE

STORE 50 FEET OF EACH COMMUNICATIONS CABLE LASH CABLE(S) TO EXISTING COMMUNICATIONS CABLE

55 LASH CABLE(S) TO EXISTING MESSENGER CABLE LASH CABLE(S) TO NEW MESSENGER CABLE MODIFY EXISTING ELECTRICAL

SERVICE INSTALL NEW ELECTRICAL SERVICE 59 INSTALL NEW EQUIPMENT

CABINET DISCONNECT

BOND TRACER WIRE TO EQUIPMENT GROUND BUS DO NOT BOND TRACER WIRE TO EQUIPMENT GROUND BUS

BOND RISER AND MESSENGER CABLE TO POLE GROUND

BOND RISER TO POLE GROUND

BOND MESSENGER CABLE TO POLE GROUND INSTALL HEAT SHRINK TUBING RETROFIT KIT INSTALL MOLDABLE DUCT 66

67 SLACK SPAN

SEAL

AtkinsRéalis

1616 EAST MILLBROOK ROAD, SUITE 160 RALEIGH, NORTH CAROLINA 27609 (919) 876-6888 NCBEES #F-0326



TMP PHASE IV - Final Design

Greensboro Signal System SR 1818 (Johnson Street), SR 1850 (Sandy Ridge Road) Cable Routing Plans

Guilford County Greensboro February 2025 | REVIEWED BY: AM Encarnacion JT Stiff REVIEWED BY: PL Alexander PREPARED BY:

CARA 056276 James Stiff 3/14/2025

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

REVISIONS INIT. DATE CADD Filename: U4758_SCP-21.dg