| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| U-4758 | SCP-27 |

# SPLICE NO.

## ⬡ S21-8

SANDY RIDGE RD & TYNER RD /TYNER LOOP
SEE: SCP-19

EQUIPMENT CABINET: 07-1120

ETHERNET PATCH CABLE(S) TO DEVICE(S)
RACK MOUNT PATCH PANEL

RX 1
ETHERNET TX 1
EDGE
SWITCH RX 2
TX 2

1 2 3 4 5 6 7 8 9 10 11 12

FIBER-OPTIC JUMPERS WITH CONNECTORS (SEE PSPs FOR TYPE)

EQUIPMENT CABINET: 07-1117

RACK MOUNT PATCH PANEL
ETHERNET PATCH CABLE(S) TO DEVICE(S)

1 2 3 4 5 6 7 8 9 10 11 12

RX 1
TX 1 ETHERNET
EDGE
RX 2 SWITCH
TX 2

FIBER-OPTIC JUMPERS WITH CONNECTORS (SEE PSPs FOR TYPE)

SPLICE ENCLOSURE

12 FIBER DROP CABLE    12 FIBER DROP CABLE

1 2 3 4 5-12    1 2 3 4 5-12    SPLICE TRAY

C    C

CABLE 24
TO: SANDY RIDGE RD & NATIONAL SERVICE RD (07-1116)
⬡ S21-7
24 FIBERS
SANDY RIDGE RD

BLUE BUFFER TUBE

1 2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

BLUE BUFFER TUBE

CABLE 24
TO: SANDY RIDGE RD & NORCROSS RD/PIEDMONT TRIAD FARMERS MARKET (07-1118)
⬡ S21-9
24 FIBERS
SANDY RIDGE RD

EXPRESS

ORANGE BUFFER TUBE

# SPLICE NO.

## ⬡ S21-9

SANDY RIDGE RD & NORCROSS RD /PIEDMONT TRIAD FARMERS MARKET
SEE: SCP-20

EQUIPMENT CABINET: 07-1118

RACK MOUNT PATCH PANEL
ETHERNET PATCH CABLE(S) TO DEVICE(S)

1 2 3 4 5 6 7 8 9 10 11 12

RX 1
TX 1 ETHERNET
EDGE
RX 2 SWITCH
TX 2

FIBER-OPTIC JUMPERS WITH CONNECTORS (SEE PSP FOR TYPE)

SPLICE ENCLOSURE

12 FIBER DROP CABLE

1 2 3 4 5-12    SPLICE TRAY

C

CABLE 24
TO: SANDY RIDGE RD & TYNER RD/ TYNER LOOP (07-1117)
⬡ S21-8
24 FIBERS
SANDY RIDGE RD

BLUE BUFFER TUBE

1 2 3 4 5 6 7 8 9 10 11 12

C C C C C C C C

ORANGE BUFFER TUBE
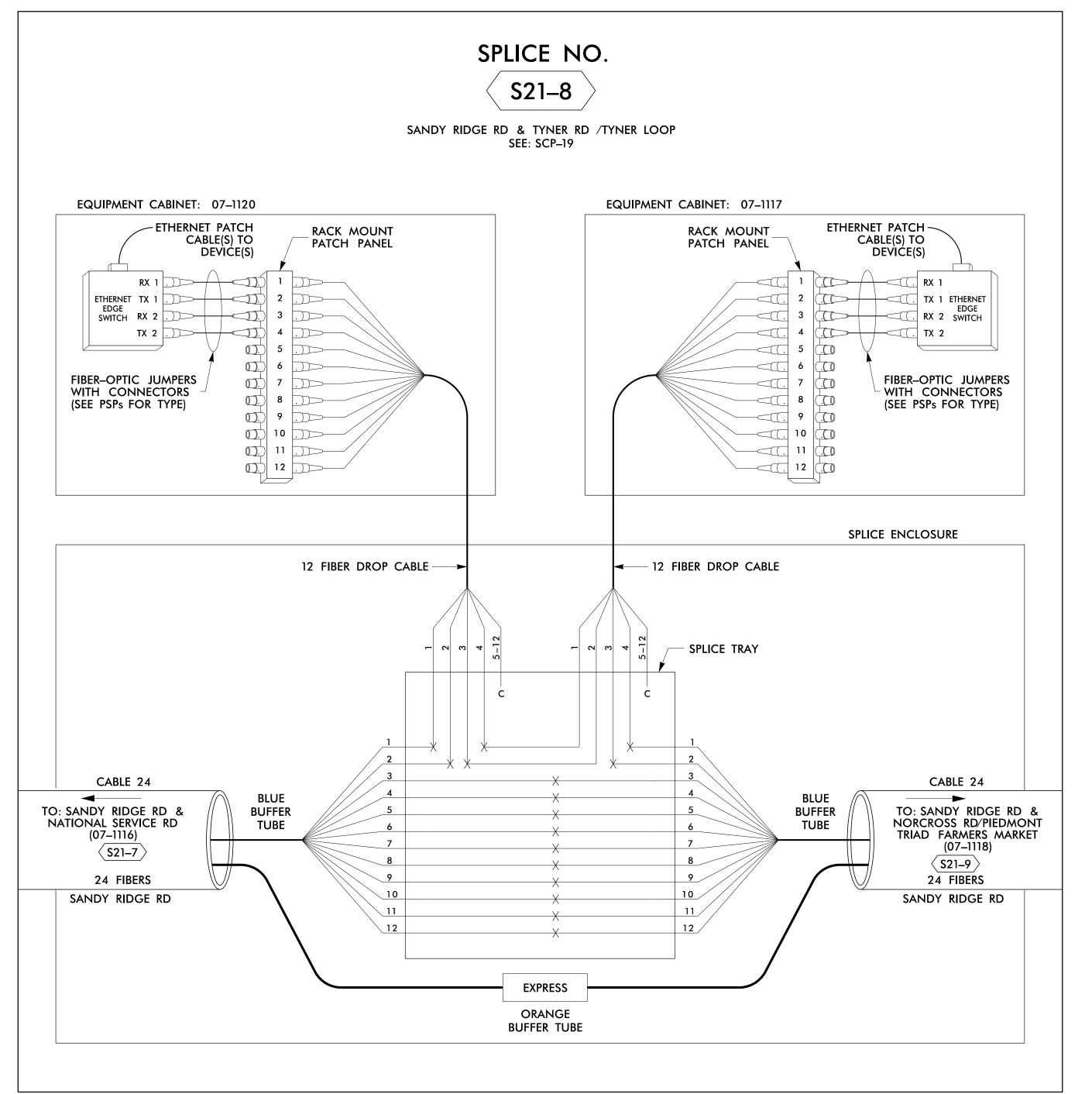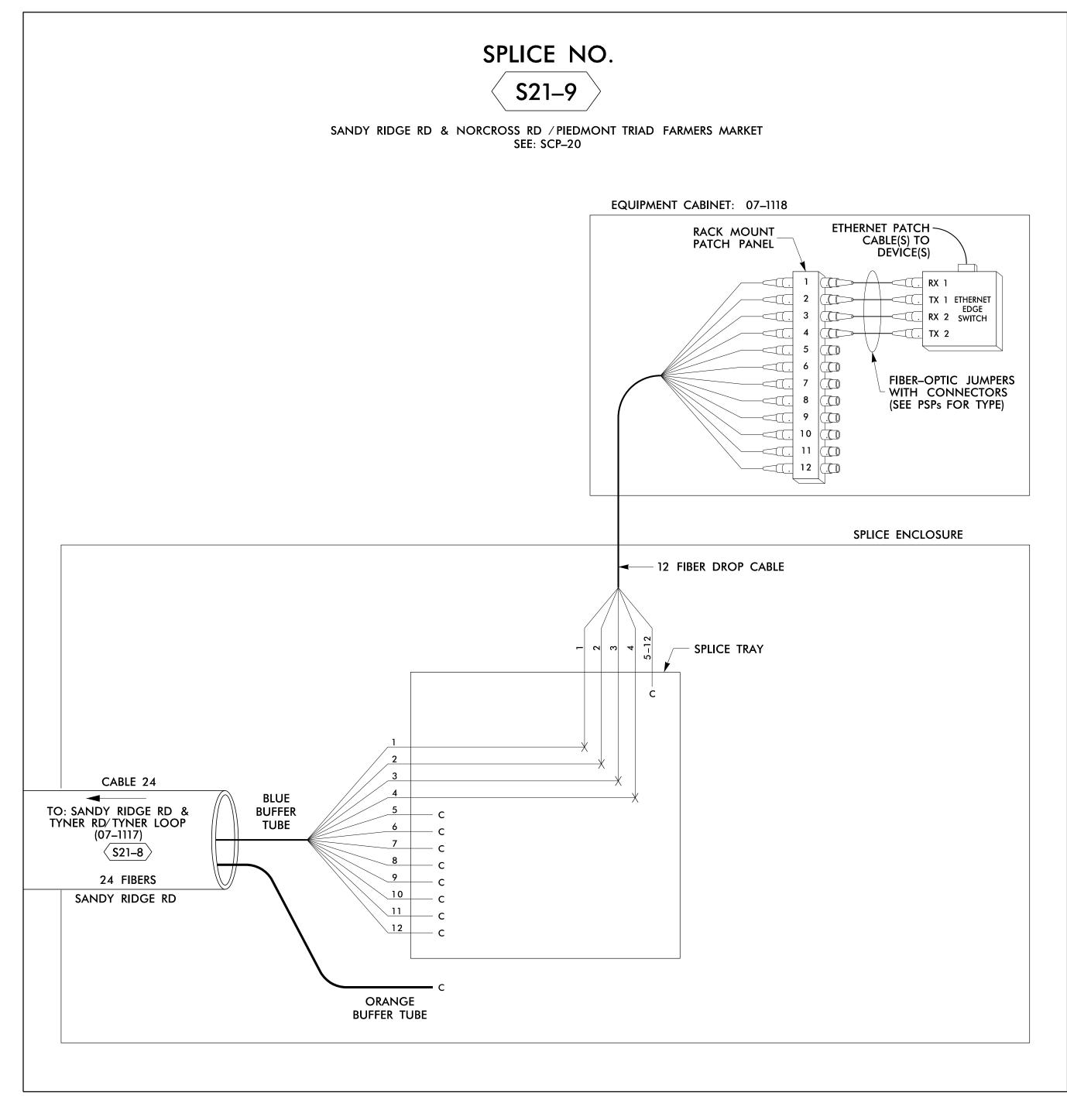
C

NOTES:

1.  FIVE (5) DAYS PRIOR TO BEGINNING WORK AT SPLICE LOCATION, CONTACT CITY OF HIGH POINT TRAFFIC DEPARTMENT AT (336) 345-4616 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 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.

2.  UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY.

3.  UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE.

4.  ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC, CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND ENSURING PROPER TERMINATIONS.

5.  INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING:
    REFERENCE SECTION 1731 "FIBER OPTIC SPLICE ENCLOSURE"
    1) SPLICE LOCATION
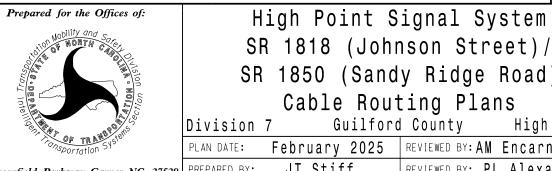    2) DATE
    3) COMPANY NAME
    4) NAME OF INDIVIDUAL PERFORMING THE SPLICING

    PRIOR TO INSTALLING THE COVER ON THE SPLICE TRAY, TAKE A DIGITAL PHOTO SHOWING THE SPLICE TRAY INFORMATION SHOWN ABOVE (1-4) AND SUBMIT ALONG WITH OTDR TEST RESULTS.

## LEGEND

X = FUSION SPLICE INDIVIDUAL FIBER
C = CAP AND SEAL

COLOR CODE TIA/EIA 598-B

| | | | |
|---|---|---|---|
| (1) BLUE | (7) RED |
| (2) ORANGE | (8) BLACK |
| (3) GREEN | (9) YELLOW |
| (4) BROWN | (10) VIOLET |
| (5) SLATE | (11) ROSE |
| (6) WHITE | (12) AQUA |

EXPRESS — EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING

BUFFER SPLICE — SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR

EXISTING — EXISTING BUFFER TUBE /FIBERS. DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.

TMP PHASE IV - Final Design

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:

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 | |

750 Greenfield Parkway, Garner, NC 27529

Signed by:
James Stiff
D54E0079F72A434...
3/14/2025

SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
056276
ENGINEER
JAMES T. STIFF

| REVISIONS | INIT. | DATE |
|---|---|---|
| | | |
| | | |
| | | DATE |

NTS

CADD Filename: U4758_SCP-27.dgn