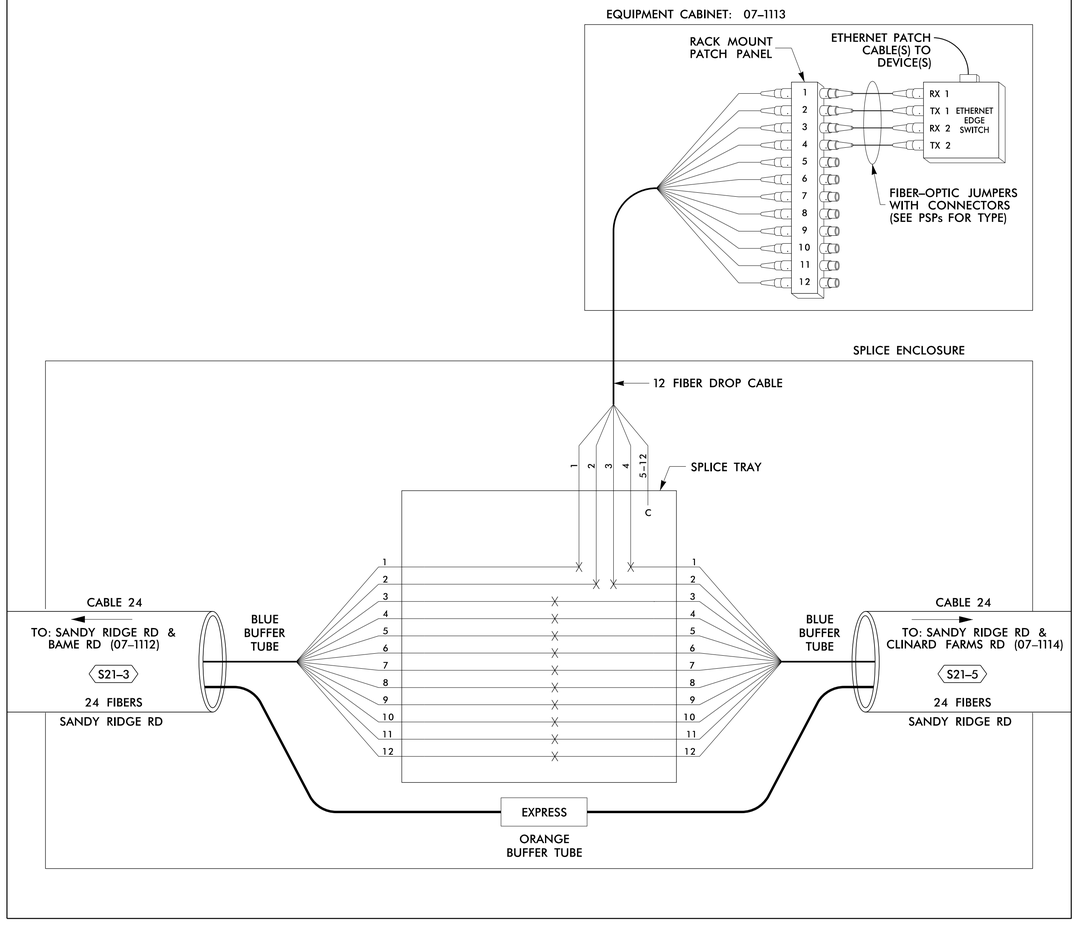
Docusign Envelope ID: 005CA177-C5C6-402C-A4A0-A4B53961CC51

PROJECT REFERENCE NO.	SHEET NO.
U-4758	SCP-25

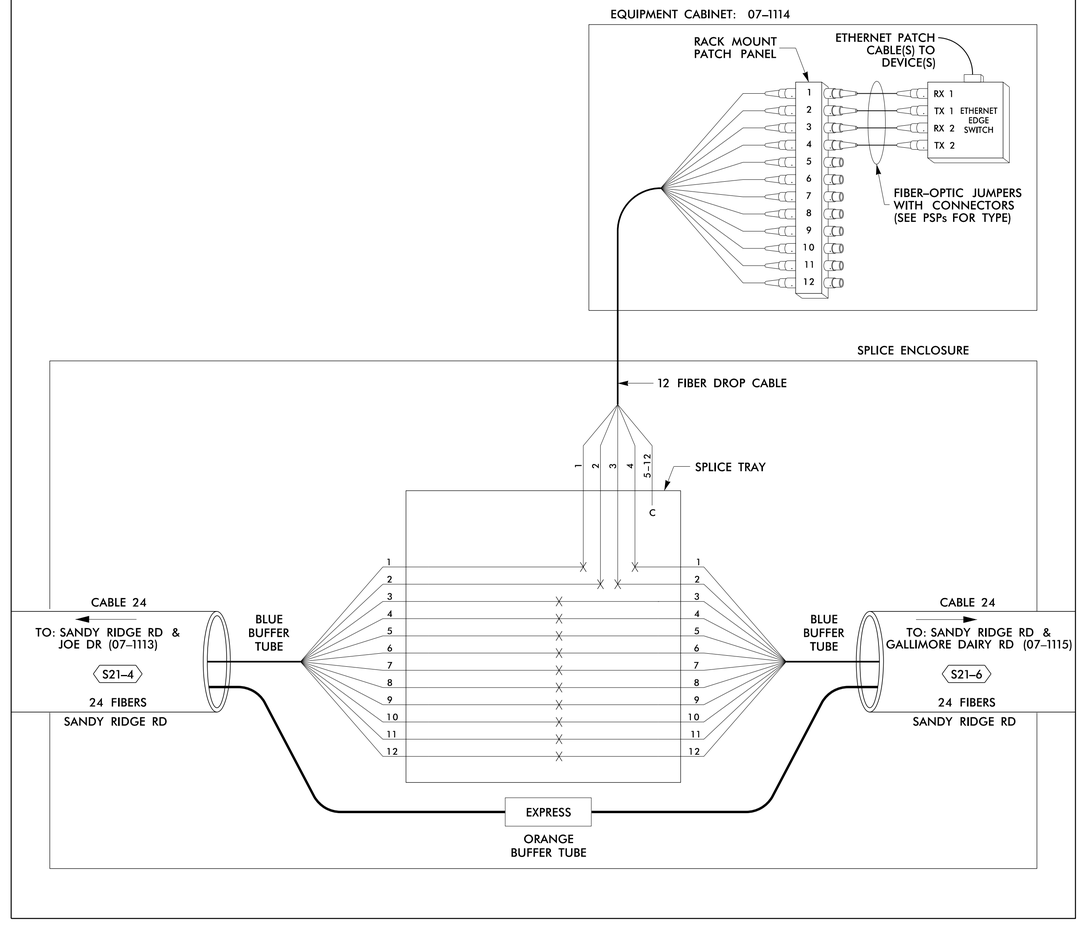
SPLICE NO. S21–4

SANDY RIDGE RD & JOE DR
SEE: SCP–14



SPLICE NO. S21–5

SANDY RIDGE RD & CLINARD FARMS RD
SEE: SCP–16



LEGEND

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		

X = FUSION SPLICE INDIVIDUAL FIBER

C = CAP AND SEAL

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.

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.

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

TMP PHASE IV - Final Design

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Transportation Mobility and Safety Division
Intelligent Transportation Systems Section
750 Greenfield Parkway, Garner, NC 27529

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

NTS

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 056276 ENGINEER JAMES T. STIFF

Signed by: James Stiff
DS4B0037672A43...
3/14/2025
DATE

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