PROJECT REFERENCE NO.	SHEET NO.
U-4709	SCP-8

NOTES

1) FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE DIVISION 6 TRAFFIC SIGNAL SUPERVISOR AT (910) 364–0606 TO PROGRAM THE NEW FIELD ETHERNET SWITCHES WITH THE NECCESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NOT LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID INFORMATION. NOTIFY DIVISION 6 TRAFFIC SIGNAL SUPERVISOR AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING ROPERLY. WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM IS BACK UP AND OPERATIONAL.

2) CONTRACTOR TO RECORD EXISTING SPLICE ARRANGEMENT FOR COMPARISON TO THE SUPPLIED SPLICE DETAILS. IF DISCREPANCIES EXIST, CONTACT THE ENGINEER TO DETERMINE HOW TO PROCEED WITH RESPLICING. PROVIDE AS–BUILT PLANS TO THE ENGINEER IF FINAL SPLICE ARRANGEMENT DIFFERS FROM THE SUPPLIED SPLICE DETAILS.

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

4) INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING: REFERENCE SECTION 1731 "FIBER OPTIC SPLICE ENCLOSURE"
a) SPLICE LOCATION
b) DATE
c) COMPANY NAME
d) NAME OF INDIVIDUAL PERFORMING THE SPLICING

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

6) UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY

7) UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE

LEGEND

COLOR CODE TIA/EIA 598–A

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

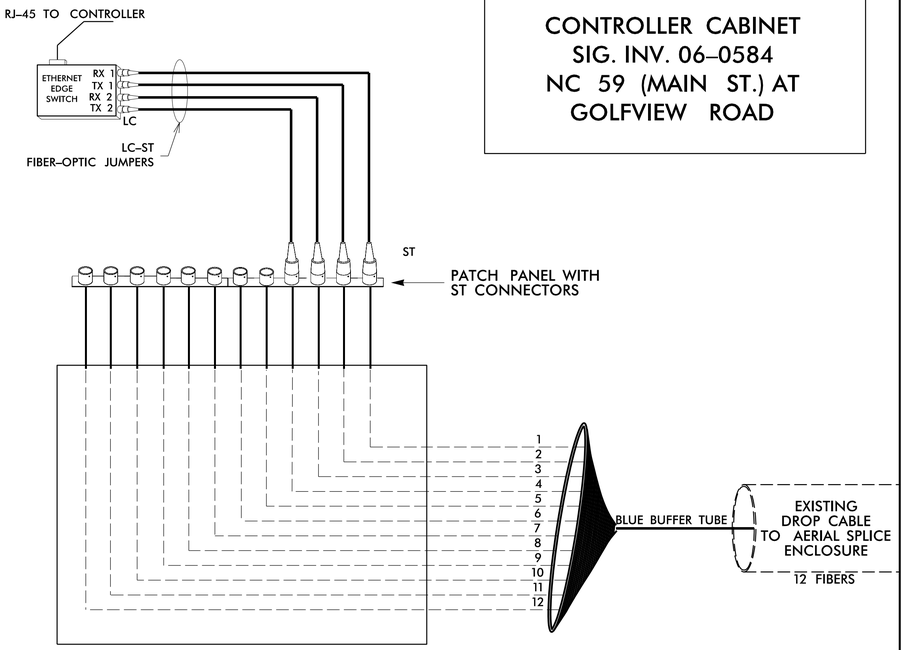
X = FUSION SPLICE INDIVIDUAL FIBER

C = CAP AND SEAL

EXPRESS = EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING

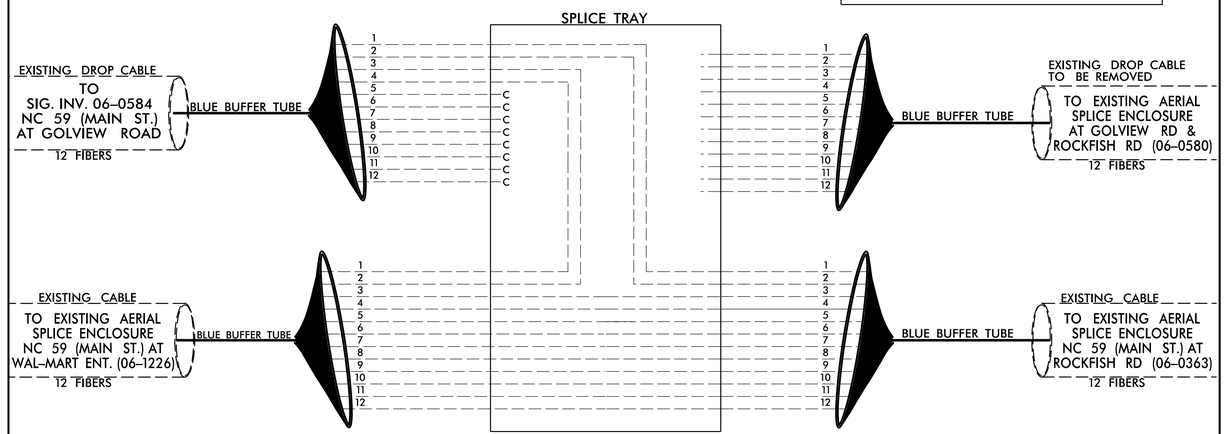
BUFFER SPLICE = SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR

REFER TO SHEET SCP-3.



CONTROLLER CABINET
SIG. INV. 06–0584
NC 59 (MAIN ST.) AT
GOLFVIEW ROAD

EXISTING AERIAL SPLICE ENCLOSURE
NC 59 (MAIN ST.) EAST OF GOLFVIEW ROAD



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

SCALE
0 N/A
NONE

Signal System #D06-03 Hope Mills
TEMPORARY SPLICE DETAILS

DIVISION 6 | CUMBERLAND COUNTY | HOPE MILLS
PLAN DATE: March 2024 | REVIEWED BY: G. G. Murr, Jr.
PREPARED BY: B.E. Wynn | REVIEWED BY:

REVISIONS	INIT.	DATE

CADD Filename:

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 14543 ENGINEER GENE G. MURR, JR.
DocuSigned by: Gene G. Murr Jr. 3/15/2024
144586BE1CDD45B...
SIGNATURE DATE