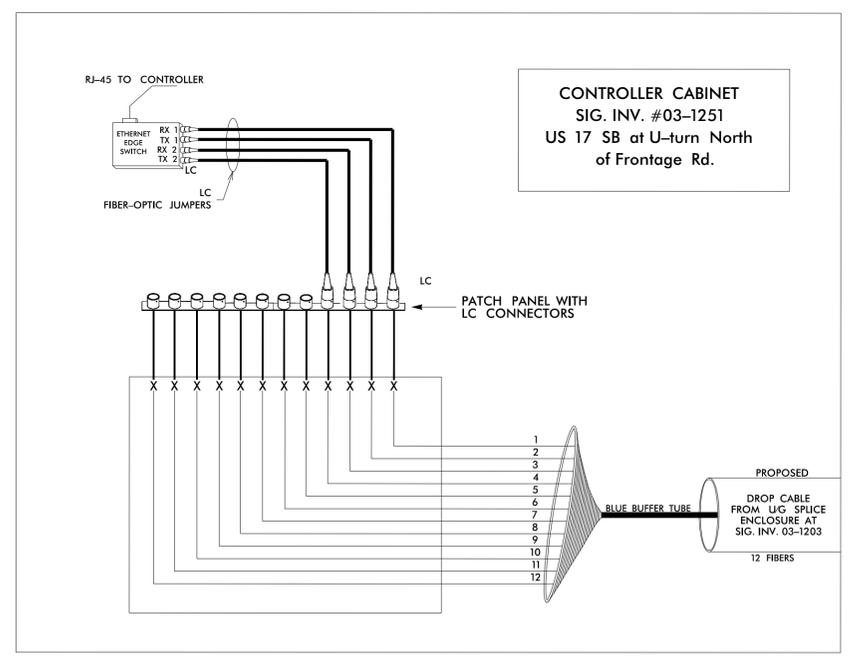
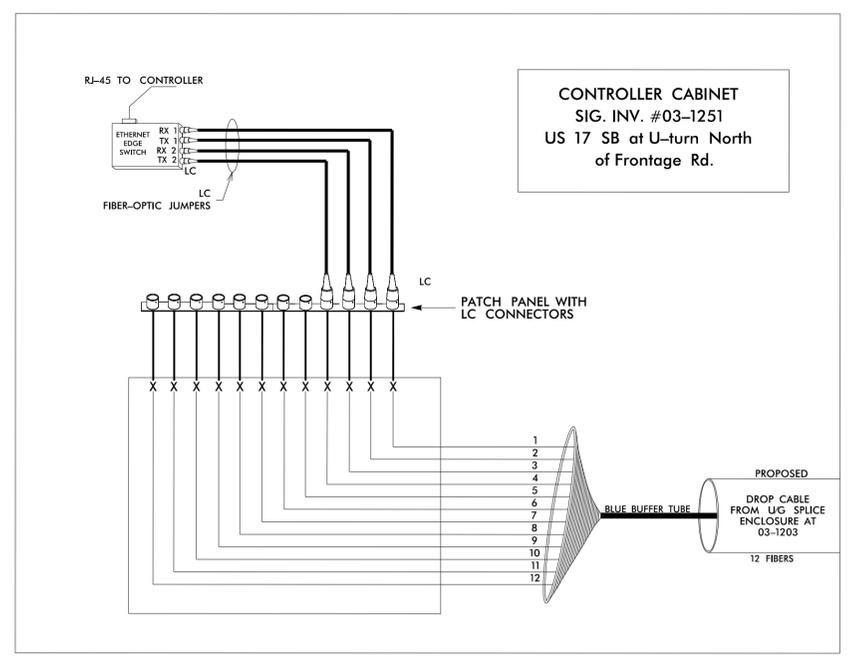


**NOTES**

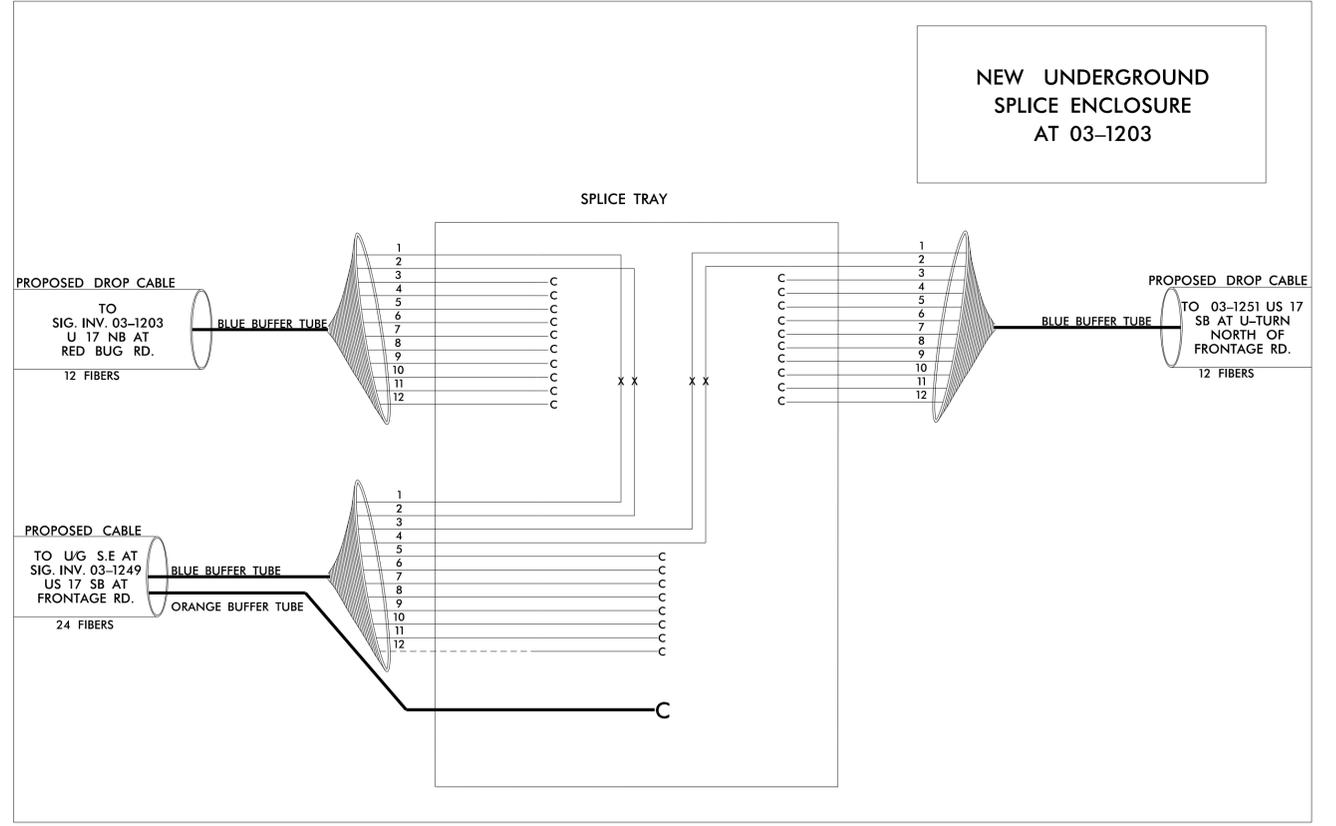
- 1) FIVE DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE DIVISION 3 TRAFFIC SIGNAL SUPERVISOR AT 910-341-2200 TO PROGRAM THE NEW FIELD ETHERNET SWITCHES WITH THE NECESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NOT LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID INFORMATION. NOTIFY THE DIVISION 3 TRAFFIC SIGNAL SUPERVISOR AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. 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 OTRD TEST RESULTS.
- 6) UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
- 7) UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE



**LEGEND**

- |                                    |             |   |
|------------------------------------|-------------|---|
| <b>COLOR CODE</b><br>TIA/EIA 598-A |             |   |
| (1) BLUE                           | (7) RED     | X = FUSION SPLICE INDIVIDUAL FIBER  |
| (2) ORANGE                         | (8) BLACK   | C = CAP AND SEAL  |
| (3) GREEN                          | (9) YELLOW  | <b>EXPRESS</b> = EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING |
| (4) BROWN                          | (10) VIOLET | <b>BUFFER SPLICE</b> = SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR      |
| (5) SLATE                          | (11) ROSE   |   |
| (6) WHITE                          | (12) AQUA   |   |

SEE SHEET SCP-7



4/1/2025  
R-5857-1251\_North\_U-Turn\_Scp-13.dgn  
USER:ndegbotse

**TRANSYSTEMS**  
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Prepared For the Office of:  
**SIGNAL SYSTEM #D03-14\_SHALLOTTE**

**SPLICE DETAILS**

Division 3 Brunswick County Shallotte  
PLAN DATE: March 2025 REVIEWED BY: G.G. Murr, Jr.  
PREPARED BY: Nadia Degbotse REVIEWED BY:

SCALE: N/A

REVISIONS: \_\_\_\_\_ INIT. DATE \_\_\_\_\_

Signed by: *Gene G. Murr, Jr.*  
SEAL 14543  
AAB5079CAB34CF  
4/1/2025  
SIG. INVENTORY NO.