

NEW AERIAL SPLICE ENCLOSURE SE "S1" 04-0756
US 70/US 70 BUSINESS (GRANTHAM STREET)
AT US 13-117 BYPASS NB RAMP
SIG. INV. # 04-0756

Notes:

Unused fibers left coiled and stored in splice tray.
Unused Buffer Tubes left coiled and stored in splice tray.

LEGEND

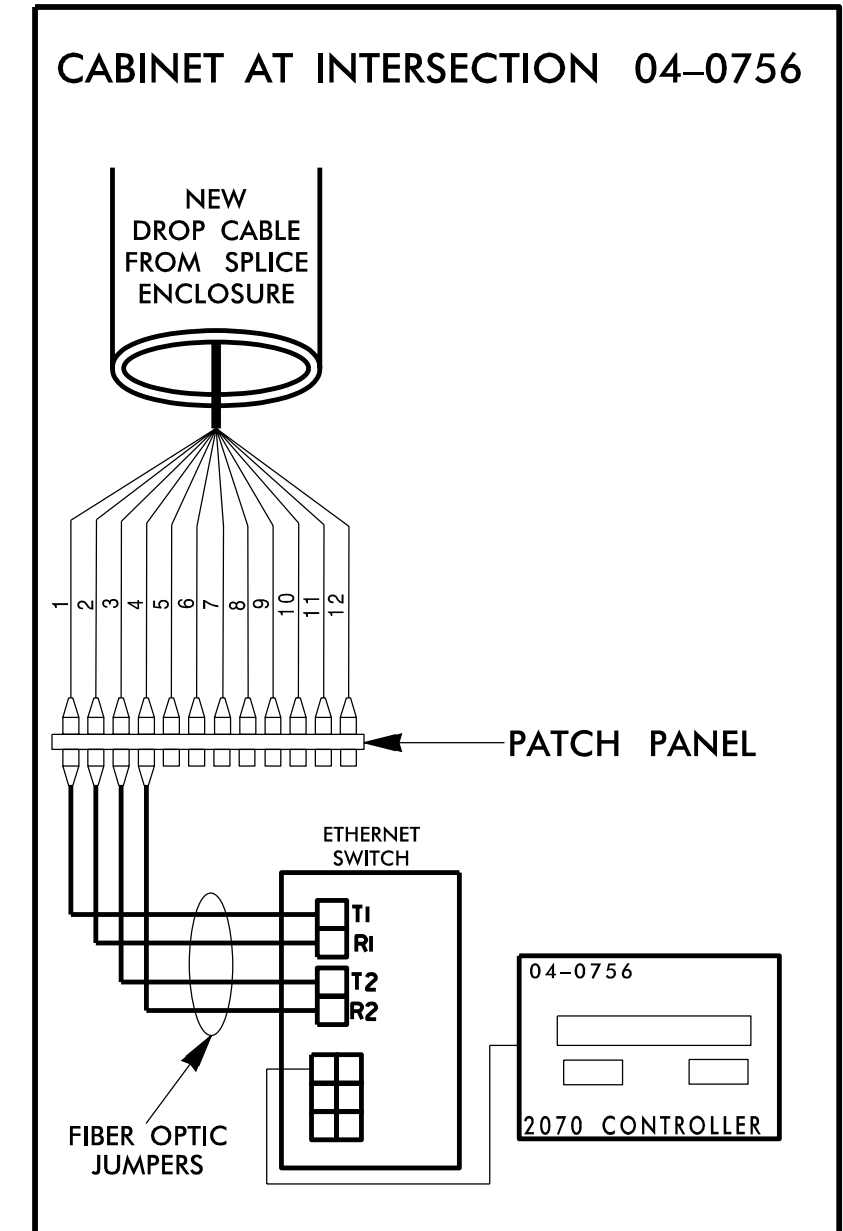
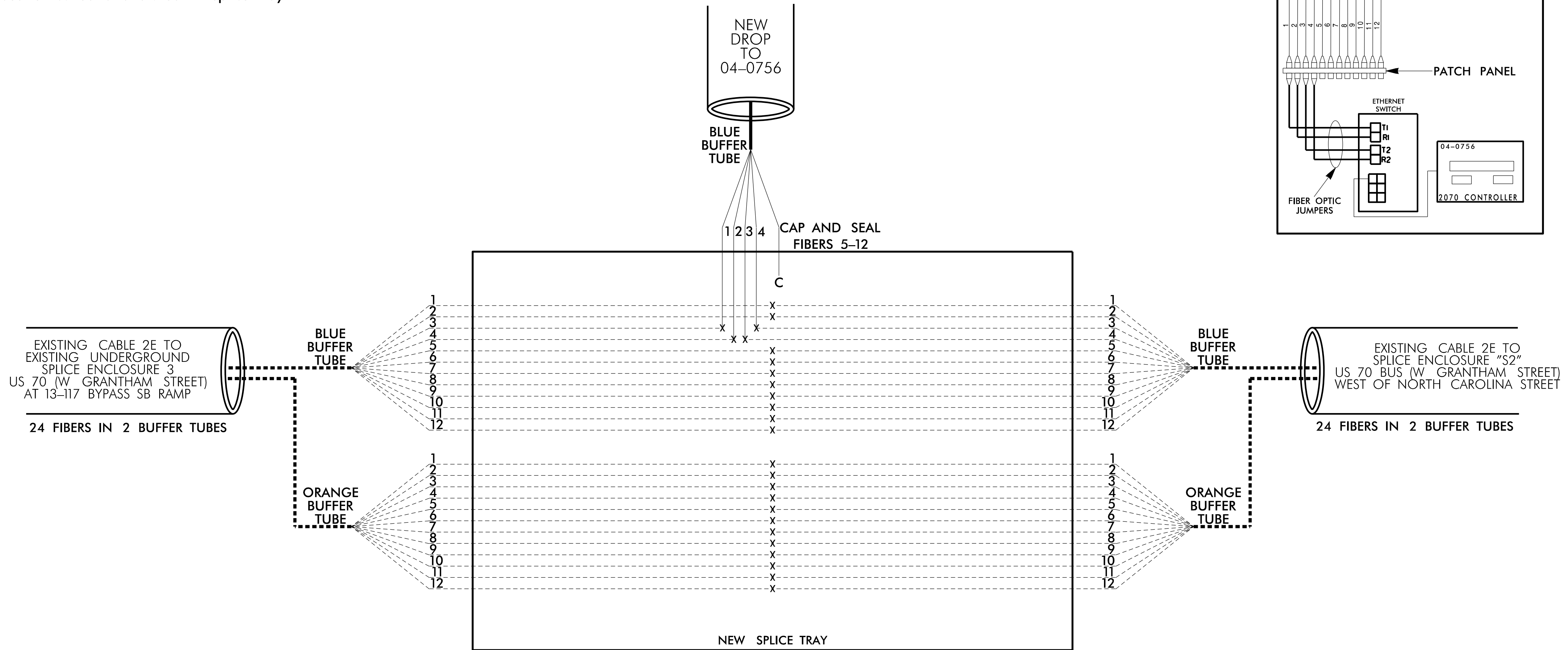
X = FUSION SPLICE
E = EXISTING SPLICE
C = CAP IN TRAY

EXPRESS = **EXPRESS ALL FIBERS/
BUFFER TUBES**

SPLICE	=	SPLICE ALL FIBERS/ BUFFER TUBES
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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



1. FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE NCDOT DIVISION 4 TRAFFIC OFFICE AT (252) 640-6500 TO ARRANGE FOR THE TRAFFIC ENGINEER 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 ENGINEER 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 \ ENSURING PROPER TERMINATIONS.
4. INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING:
REFERENCE SECTION 1731 "FIBER OPTIC SPLICE ENCLOSURE"

LEGEND

CABLE "2E": NCDOT FIBER

- 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 PHOTOGRAPH SHOWING THE SPLICE TRAY AND INFORMATION SHOWN ABOVE (1-4) AND SUBMIT PHOTOGRAPH ALONG WITH OTDR TEST RESULTS.

AECOM
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Prepared for the Offices of:  STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Transportation Systems Section 750 N. Greenfield Pkwy., Garner, NC 27529	Goldsboro Signal System Splice Details	SEAL 
Division 4 Wayne County Goldsboro		
PLAN DATE: May 2025 PREPARED BY: M. Tindal		
PREPARED BY: M.P. Cavanaugh REVIEWED BY: C. Kalencik		
	REVISIONS	INIT. DATE