

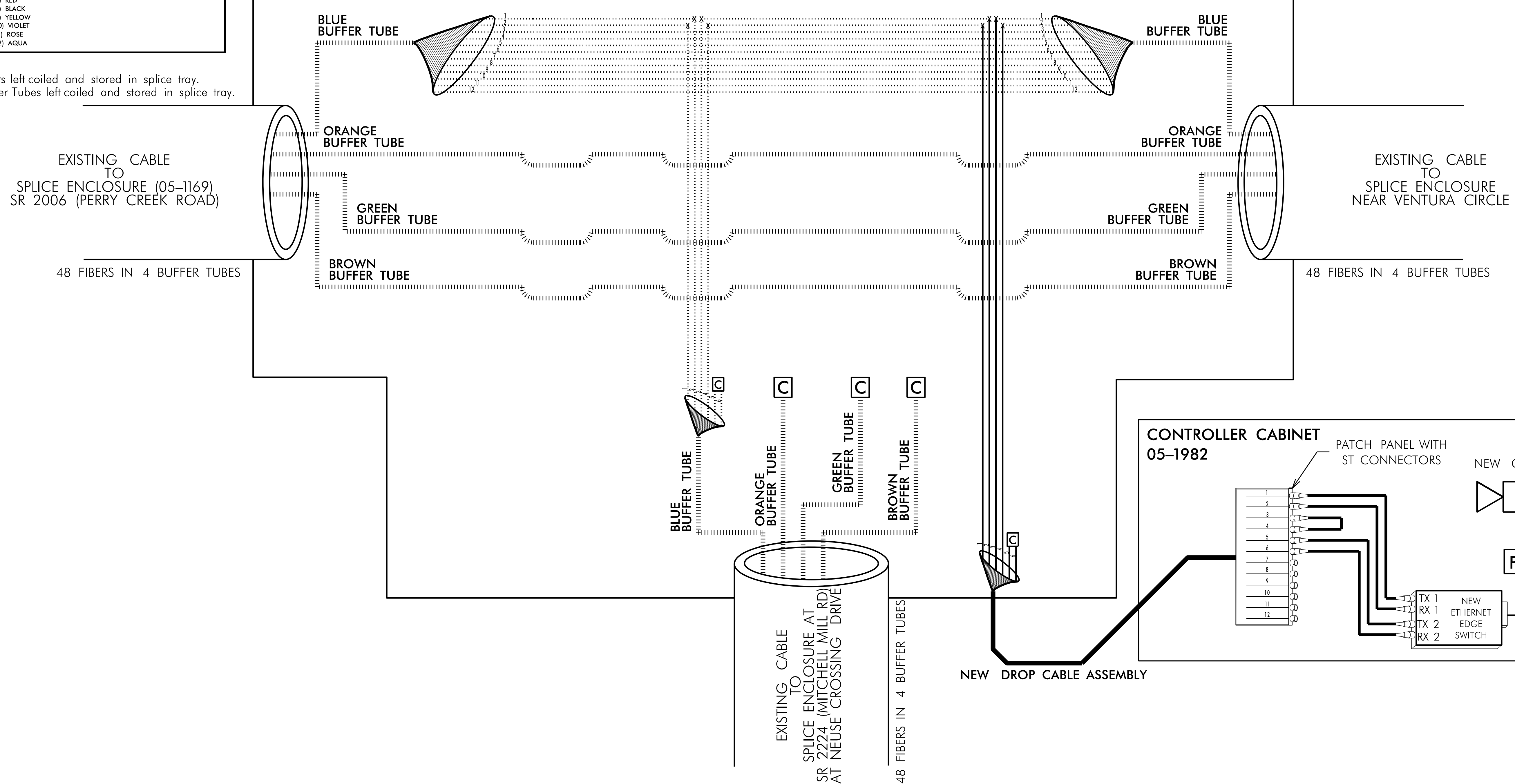
EXISTING AERIAL SPLICE ENCLOSURE  
US 401 (LOUISBURG ROAD) AT  
SR 2224 (MITCHELL MILL ROAD)  
SIG. INV. # 05-1982

**LEGEND**

<b>COLOR CODE</b> TIA/EIA 598-A	X = NEW FUSION SPLICE INDIVIDUAL FIBER
(1) BLUE (7) RED	C = CAP, COIL, AND SEAL
(2) ORANGE (8) BLACK	
(3) GREEN (9) YELLOW	
(4) BROWN (10) VIOLET	
(5) SLATE (11) ROSE	
(6) WHITE (12) AQUA	

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

**MODIFY EXISTING AERIAL SPLICE ENCLOSURE**



- FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE RALEIGH SIGNAL SYSTEM OFFICE, CHRIS JEFFERSON, AT (919) 996-4064 TO ARRANGE FOR THE 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
- 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.
- ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING \ ENSURING PROPER TERMINATIONS.
- 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 PHOTOGRAPH SHOWING THE SPLICE TRAY AND INFORMATION SHOWN ABOVE (1-4) AND SUBMIT PHOTOGRAPH ALONG WITH OTDR TEST RESULTS.

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

 250 N. Greenfield Pkwy., Garner, NC 27529 NC Firm License No.: F-0342 5438 Wade Park Boulevard Suite 200 Raleigh, NC 27607 Phone: 919-461-1100	Prepared for the Offices of:  NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 034481 H. WANG M. SURTI ENGINEER	
	Post-Let Raleigh Signal System Splice Details Division 5 Wake County Raleigh PLAN DATE: Jan 2023 REVIEWED BY: H.M. Surti PREPARED BY: A. Ravipti REVIEWED BY: REVISIONS INIT. DATE DocuSigned by: Aranya M. Surti 1/24/2023 CADD File name:	

1/24/2023 10:44:44 AM \*\*\*AECOM-NO-PW-BENTLEY.COM-AECOM.DS21\_NA\_2020\Documents\60609754-U-5748-L1.dgn M1114000-CAD 6154910-CAD\*70-NCDDT-TIP\*TR.offi.cak51gna1s40est1gna51gna1s42 - Signal Comm.Post Let-2022\*U-5748\_sep-16\_POST.dgn T:\ndm