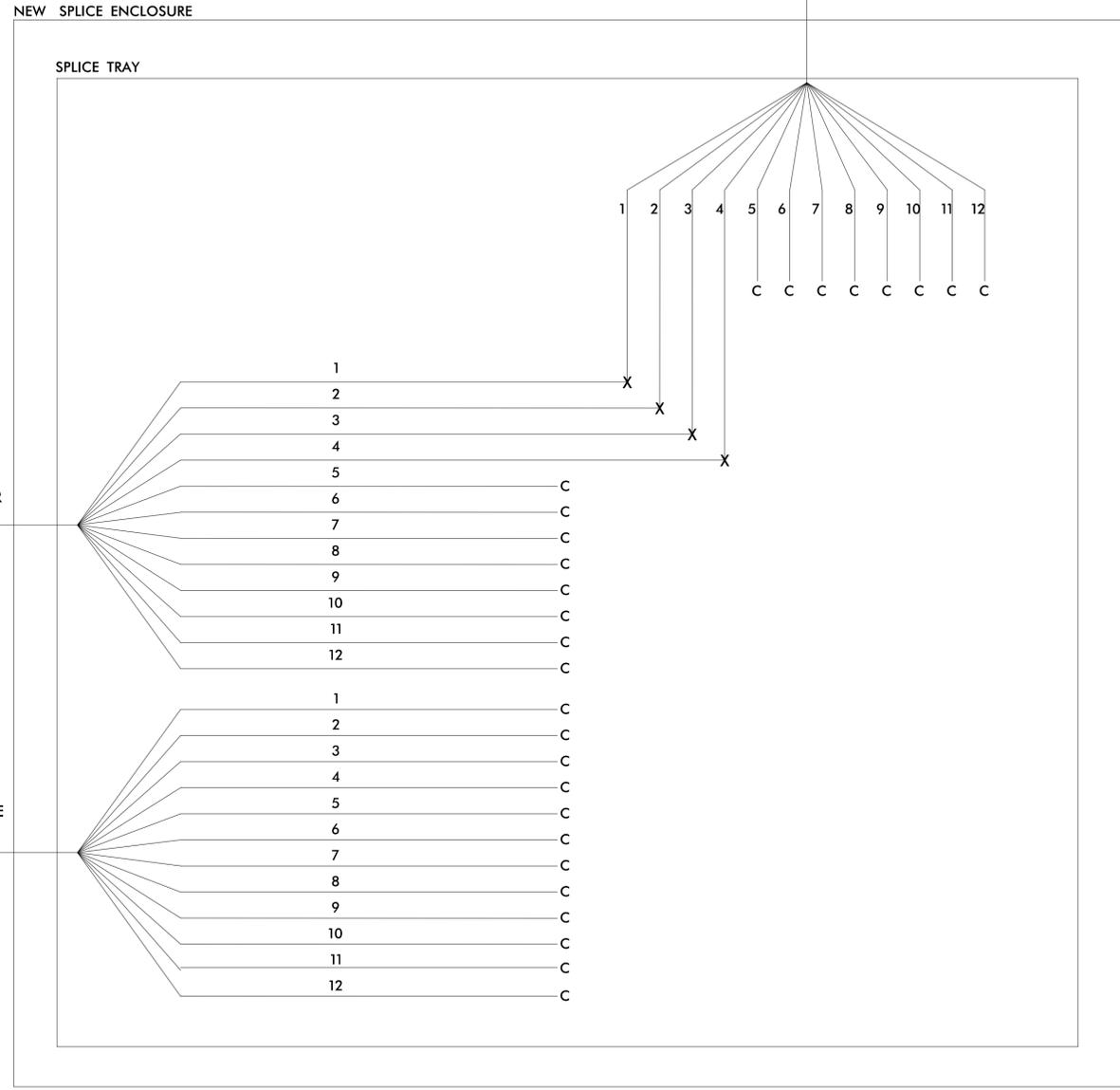


04-1181
SR 1700 (COVERED BRIDGE RD)
AT SR 1003
(BUFFALO RD)



TO NEW AERIAL SPLICE ENCLOSURE AT INTERSECTION 04-1472 SR 1700 (COVERED BRIDGE RD) AT S MURPHREY RD

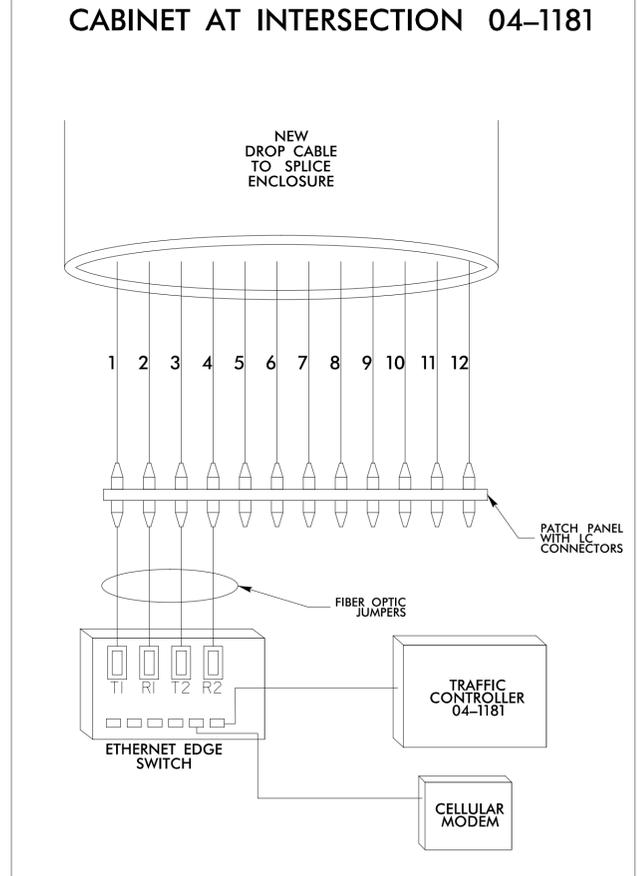
BLUE BUFFER TUBE

ORANGE BUFFER TUBE

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 = NEW FUSION SPLICE INDIVIDUAL FIBER
C = CAP, COIL, AND SEAL
EXPRESS BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE THROUGH WITHOUT CUTTING
EXPRESS = EXPRESS INDIVIDUAL FIBER THROUGH WITHOUT CUTTING
BUFFER SPLICE = SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR



NOTES

- FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT DIVISION 4 TRAFFIC ENGINEER, AT (252) 640-6502 TO ARRANGE FOR THE DIVISION 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 TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. WORK IS NOT COMPLETE UNTIL ALL SIGNALS ARE COMMUNICATING WITH THE CENTRAL SYSTEM.
- CONTRACTOR SHALL PROVIDE AS-BUILT PLANS TO THE ENGINEER FOR FINAL SPLICE ARRANGEMENT.
- UNUSED/UNTERMINATED FIBER OPTIC STRANDS SHALL BE LEFT COILED AND STORED IN SPLICE TRAY.
- ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ ENSURING PROPER TERMINATION.
- INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING: REFER TO SECTION 1731 "FIBER OPTIC SPLICE ENCLOSURE"
 - SPLICE LOCATION
 - DATE
 - COMPANY NAME
 - NAME OF INDIVIDUAL PERFORMING THE SPLICING
- PRIOR TO INSTALLING THE COVER ON THE SPLICE TRAY TAKE A DIGITAL PHOTOGRAPHY SHOWING THE SPLICE TRAY AND INFORMATION SHOWN ABOVE AND SUBMIT PHOTOGRAPH ALONG WITH OTDR TEST RESULTS.

10/17/2024 9:19:39 AM ***vrbg:***\pccj\ra61gh\8536-23_W-5704_5601_Covered_TOS\tech\51gnal_Plan\W-5704E_SCP-9.dgn sch11.tuk

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



Prepared for the Offices of:

Department of Transportation
Signal Design Section

Fiber Optic Cable Splice Detail

Division 4 Johnston County Clayton

PLAN DATE: February 2025 REVIEWED BY: J.M. Justine

PREPARED BY: S.R. Chiluka REVIEWED BY: M.L. Stygles

REVISIONS	INIT.	DATE

SEAL

SEAL 047250

DocuSigned by:
S.R. Chiluka
DATE 7/30/2025