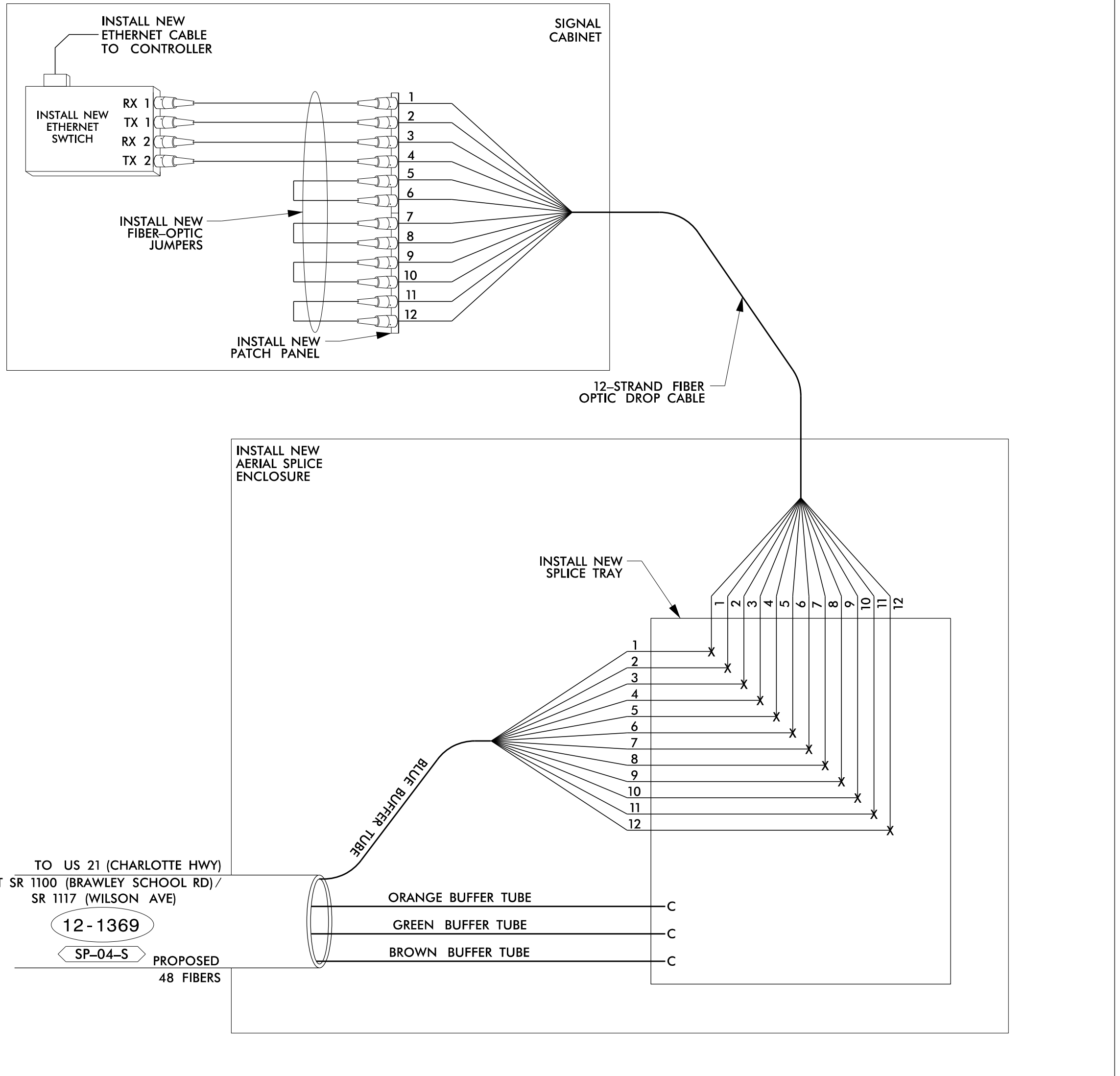


SPLICE NUMBER:
SP-05-S
 12-1898

NEW AERIAL SPLICE ENCLOSURE:
 US 21 (CHARLOTTE HIGHWAY) AT
 US 21 NB U-TURN TO US 21 SB



1:41:26 PM U:\Projects\Signal\Design\ITS and SCP Design\Fiber Splicing Detail\SP-3833C_SCP_FS.dgn User:rmuncey

LEGEND

COLOR CODE TIA/EIA 598-B		
(1) BLUE	(7) RED	E = EXISTING FUSION SPLICE INDIVIDUAL FIBER TO REMAIN
(2) ORANGE	(8) BLACK	X = FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	C = CAP AND SEAL
(4) BROWN	(10) VIOLET	EXPRESS = EXPRESS ENTIRE BUFFER TUBE/FIBERS THROUGH WITHOUT CUTTING
(5) SLATE	(11) ROSE	BUFFER SPLICE = SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(6) WHITE	(12) AQUA	SM FIBER PATCH CORD WITH CONNECTORS

NOTES:

- UNUSED FIBERS AND/OR BUFFER TUBES LEFT COILED AND STORED IN SPLICE TRAY.
- ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.
- FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE NCDOT DIVISION 12 TRAFFIC ENGINEER BYRON ENGLE AT 919-552-4214 TO ARRANGE FOR NCDOT 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 NCDOT DIVISION 12 TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM IS UP AND OPERATIONAL.
- INCLUDE ON THE COVER OF SPLICE TRAY THE FOLLOWING INFORMATION (REFERENCE STANDARD SPECIFICATIONS SECTION 1731):
 - A. SPLICE LOCATION
 - B. DATE
 - C. COMPANY NAME
 - D. NAME OF INDIVIDUAL PERFORMING THE SPLICE
 PRIOR TO INSTALLING THE COVER ON THE SPLICE TRAY, TAKE A DIGITAL PHOTOGRAPH SHOWING THE SPLICE TRAY AND INFORMATION SHOWN ABOVE (ITEMS A-D) AND SUBMIT PHOTOGRAPH ALONG WITH OTDR TEST RESULTS.

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Prepared for the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

SR 1100 (Brawley School Road) / US 21 (Charlotte Hwy) Fiber Optic Splice Details

Division 12	Iredell County	Mooresville
PLAN DATE: March 2022	REVIEWED BY: E D Harris	
PREPARED BY: R M Muncey	REVIEWED BY: L Overn	
REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

11/2/2022

CADD Filename: _____