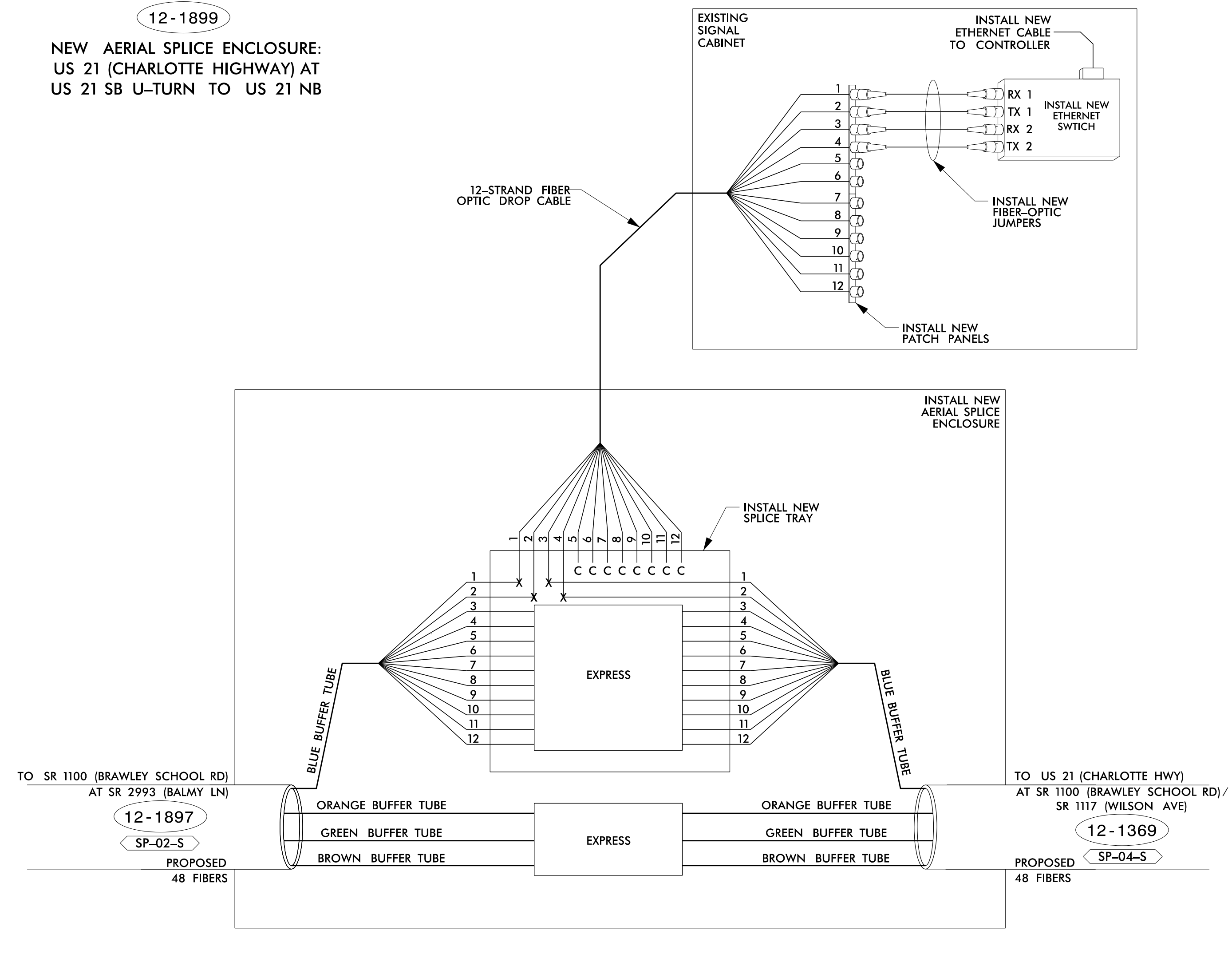


SPLICE NUMBER:
SP-03-S

12-1899

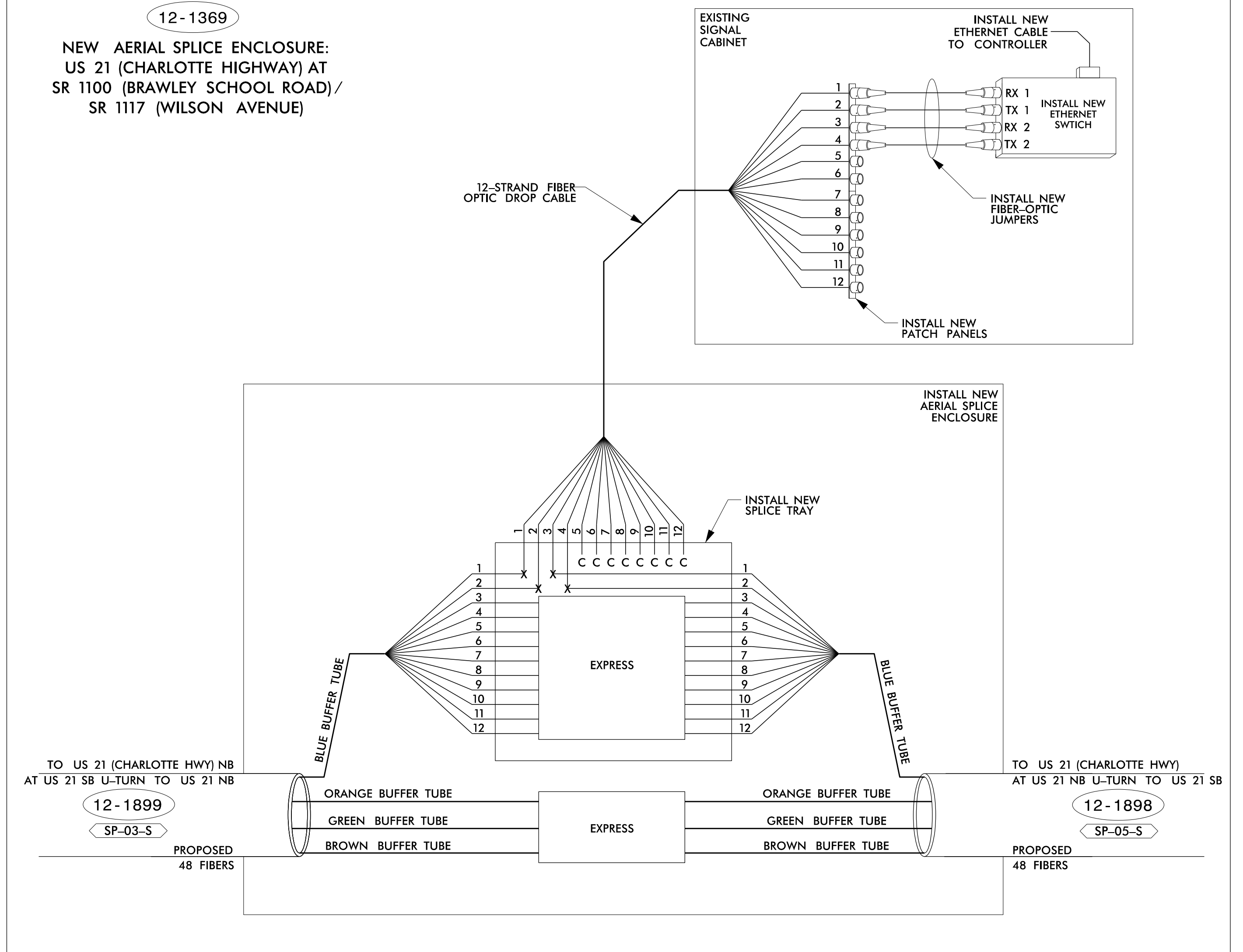
NEW AERIAL SPLICE ENCLOSURE:
US 21 (CHARLOTTE HIGHWAY) AT
US 21 SB U-TURN TO US 21 NB



SPLICE NUMBER:
SP-04-S

12-1369

NEW AERIAL SPLICE ENCLOSURE:
US 21 (CHARLOTTE HIGHWAY) AT
SR 1100 (BRAWLEY SCHOOL ROAD) /
SR 1117 (WILSON AVENUE)



1:41:24 PM U:\Projects\Signal\Design\ITS and SCP Design\Fiber Splicing Detail\12-1899-3833C_SCP_FS.dgn User:rmuncey

LEGEND

COLOR CODE TIA/EIA 598-B	
(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

	EXPRESS ENTIRE BUFFER TUBE/FIBERS THROUGH WITHOUT CUTTING
	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
	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 ID, 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.

Stantec Consulting Services Inc.
801 Jones Franklin Road-Suite 300
Raleigh, NC 27606
Tel. (919) 851-6866
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

Prepared for the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

N.T.S.

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

Lawrence E. Overn
11/2/2022