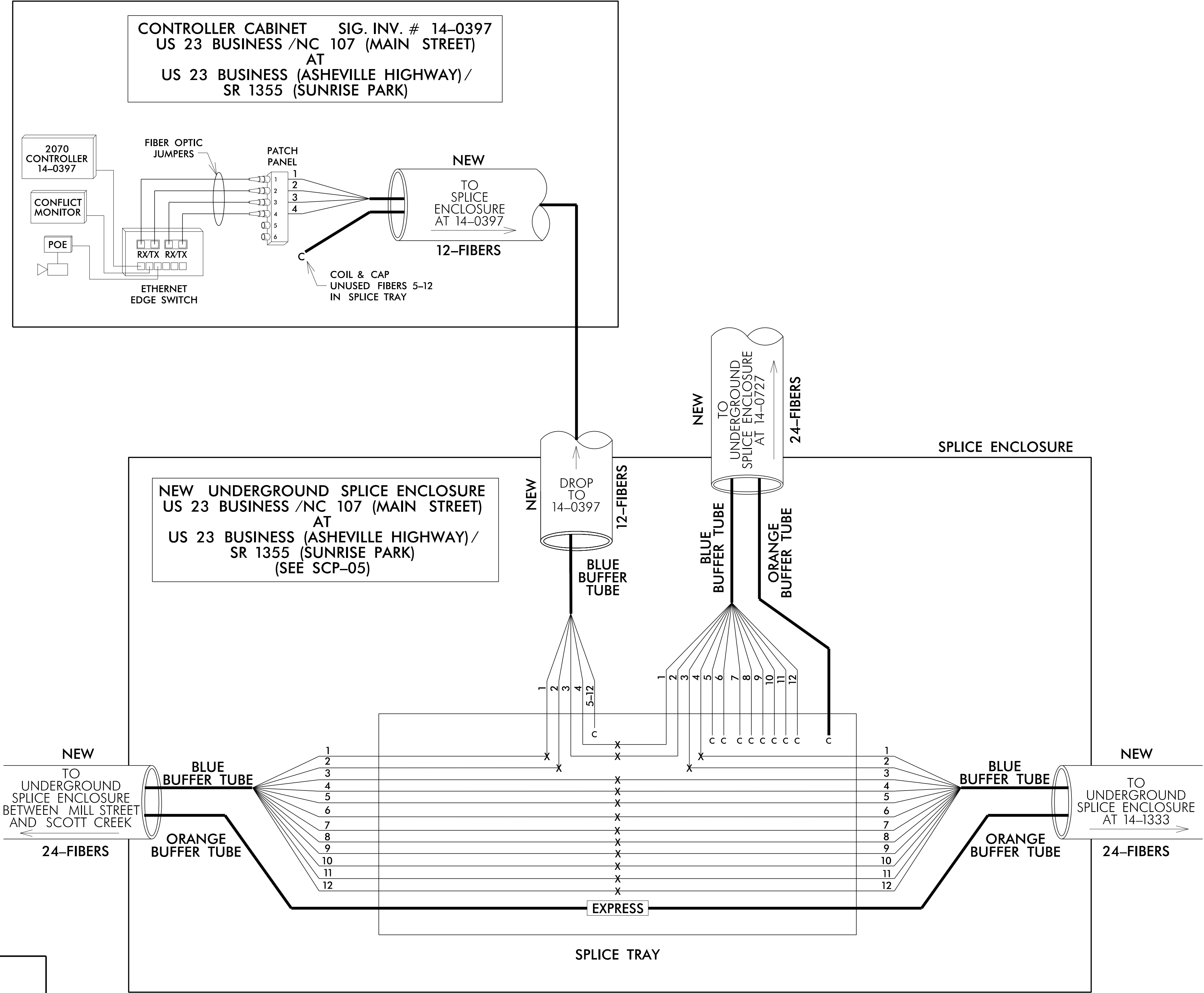


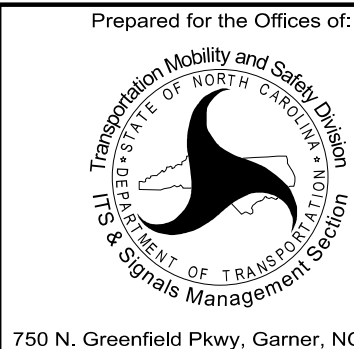


NOTES

- FOURTEEN (14) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE DIVISION 14 DEPUTY TRAFFIC ENGINEER AT (828)331-5253 TO ARRANGE FOR DIVISION TO PRAGRAM 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 DEPUTY 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 BACK UP AND OPERATIONAL.
- ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.
- INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING: REFERENCE SECTION 1731 "FIBER OPTIC SPLICE ENCLOSURE"
 - SPLICE LOCATION
 - DATE
 - COMPANY NAME
 - NAME OF INDIVIDUAL PERFORMING THE SPLICE
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY.
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE.

Color Code		TIA/EIA 598-B	
BL	(1) Blue	RD	(7) Red
OR	(2) Orange	BK	(8) Black
GR	(3) Green	YL	(9) Yellow
BR	(4) Brown	VI	(10) Violet
SL	(5) Slate	RS	(11) Rose
WH	(6) White	AQ	(12) Aqua

X	= Fusion Splice Individual Fiber
C	= Cap and Seal
EXPRESS	= Express entire buffer tube/fibers through without cutting
BUFFER SPLICE	= Splice all fibers in buffer tube color to color



D14-14 NC 107 Splice Details			
Division 14	Jackson County	Sylva	
PLAN DATE:	June 2025	REVIEWED BY:	ZM Esposito
PREPARED BY:	DJ White	REVIEWED BY:	BN Groome
REVISIONS		INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

Signed by: Brittany N. Groome 8/26/2025
DATE