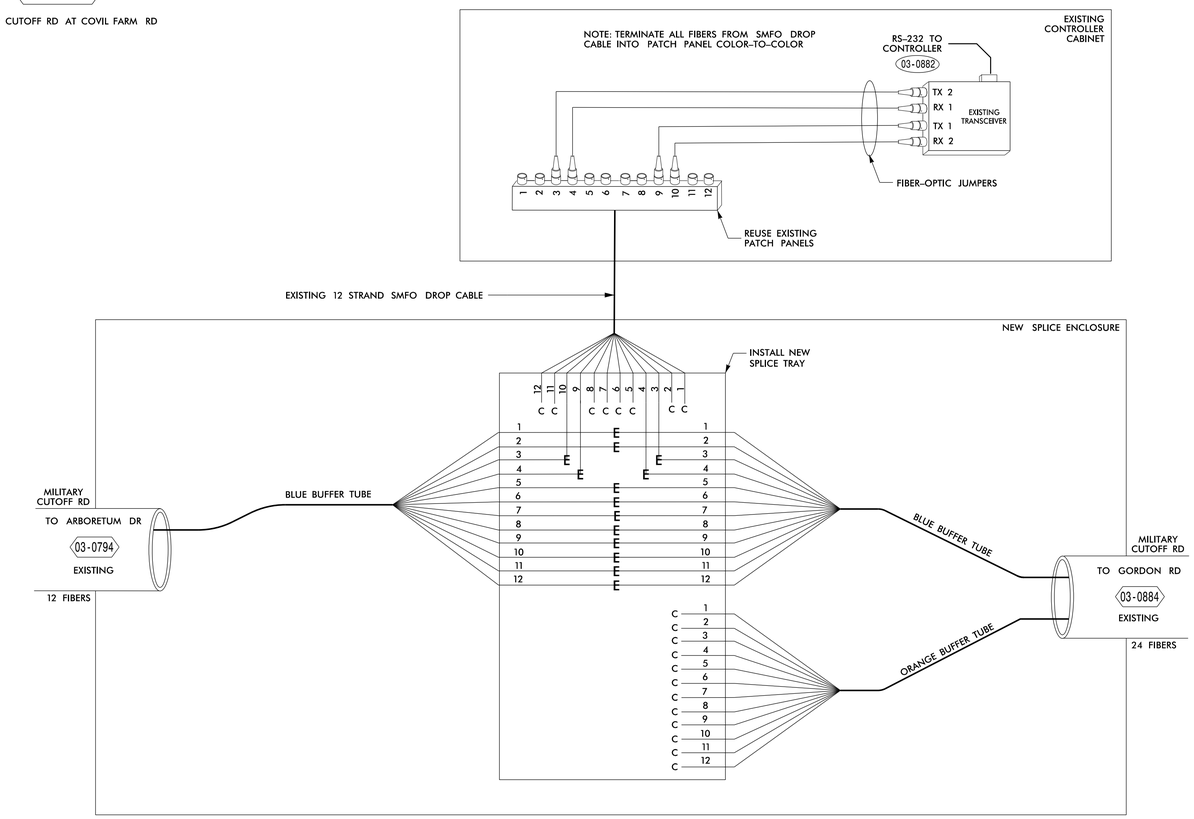
DocuSign Envelope ID: 346B7D90-C69B-4F10-A9AE-54E424910E2B

PROJECT REFERENCE NO.	SHEET NO.
U-4751	SCP-37

SPLICE ENCLOUSRE NO.

03-0882

MILITARY CUTOFF RD AT COVIL FARM RD



NOTE: BUFFER TUBES IN EXISTING CABLE ARE 6 STRANDS EACH.

TMP FINAL

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

E = EXIST. FUSION SPLICE INDIVIDUAL FIBER TO REMAIN

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

NOTES

1. UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY.
2. UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE.
3. EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.
4. TWO (2) WEEKS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE CITY OF WILMINGTON SENIOR SIGNAL SYSTEM OPERATOR, DENYS VIELKANOWITZ, AT 910-3414676 TO ARRANGE FOR THE CITY OF WILMINGTON TO PROGRAM THE NEW FIELD ETHERNET SWITCHES WITH THE NECESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NO LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID INFORMATION. NOTIFY THE SENIOR SIGNAL SYSTEM OPERATOR 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.
5. CONTRACTOR TO RECORD EXISTNG 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 ARRANGED DIFFERS FROM THE SUPPLIED SPLICE DETAILS.
6. INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING INFORMATION (SEE STANDARD SPECIFICATIONS ARTICLE 1731-3(A)):

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.

ATKINS
5600 SEVENTY-SEVEN CENTER DRIVE, SUITE 340
CHARLOTTE, NORTH CAROLINA 28217
704-522-7275 NCBEES #F-0326

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:
Traffic Engineering and Safety Systems Branch
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Intelligent Transportation Systems
750 Greenfield Parkway, Garner, NC 27529

SR 1409 (Military Cutoff Road)

Fiber Optic Splicing Details

Division 3 New Hanover County Wilmington

PLAN DATE:	May 2017	REVIEWED BY:	H A Badgett
PREPARED BY:	G B SPELL	REVIEWED BY:	B J Slocum

REVISIONS	INIT.	DATE

SCALE N.T.S.

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 019962 ENGINEER HENRY ALFRED BADGETT III

DocuSigned by: Henry Alfred Badgett III 6/6/2017
6D2F4283B5B94A7... SIGNATURE DATE

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25-MAY-2017 15:23
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