(2) ORANGE

(3) GREEN

(4) BROWN

(5) SLATE

INTERSECTION 06-0596 US 401 (Raeford Road) at SR 1108 (Strickland Bridge Rd.) EXISTING SIGNAL CONTROLLER CABINET

BLUE BUFFER

TO

SPLICE

**ENCLOSURE** 

06-0596

NEW 12F SM DROP CABLE

X = FUSION SPLICEC = CAP IN TRAYSM FIBER PATCH CORD WITH CONNECTORS

PATCH PANEL WITH ST CONNECTORS

**LEGEND** 

**ETHERNET** 

NEW

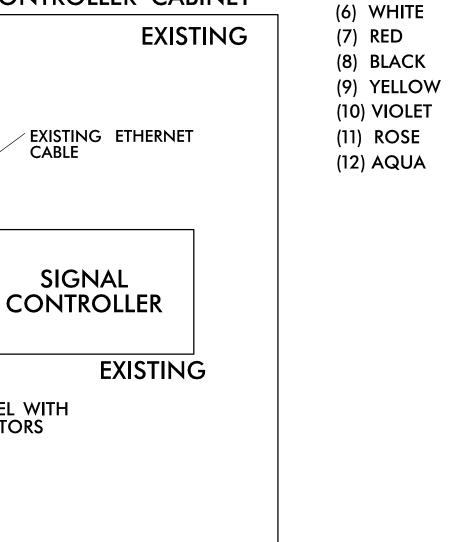
SPLICE TRAY

FIELD SWITCH

**EXISTING** 

COLOR CODE TIA/EIA 598-A (1) BLUE

SIGNAL CONTROLLER CABINET



- ETHERNET SWITCHES WITH THE NECESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
  - 1.) THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID
  - 2.) NOTIFY THE DEPUTY TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO
  - ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY.
- 2) INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING:

REFERENCE SECTION 1731 "FIBER OPTIC SPLICE ENCLOSURE" 1.) SPLICE LOCATION

- 2.) DATE
- 3.) COMPANY NAME
- 4.) NAME OF INDIVIDUAL PERFORMING THE SPLICING PRIÓR TO INSTALLING THE COVER ON THE SPLICE TRAY TAKE A DIGITAL PHOTOGRAPH SHOWING THE SPLICE TRAY AND INFORMATION SHOWN
- 5) ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND ENSURING PROPER TERMINATIONS.

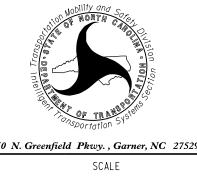
US 401 (Raeford Road) at SR 1108 (Strickland Bridge Rd.)



License No. F-0672

FINAL

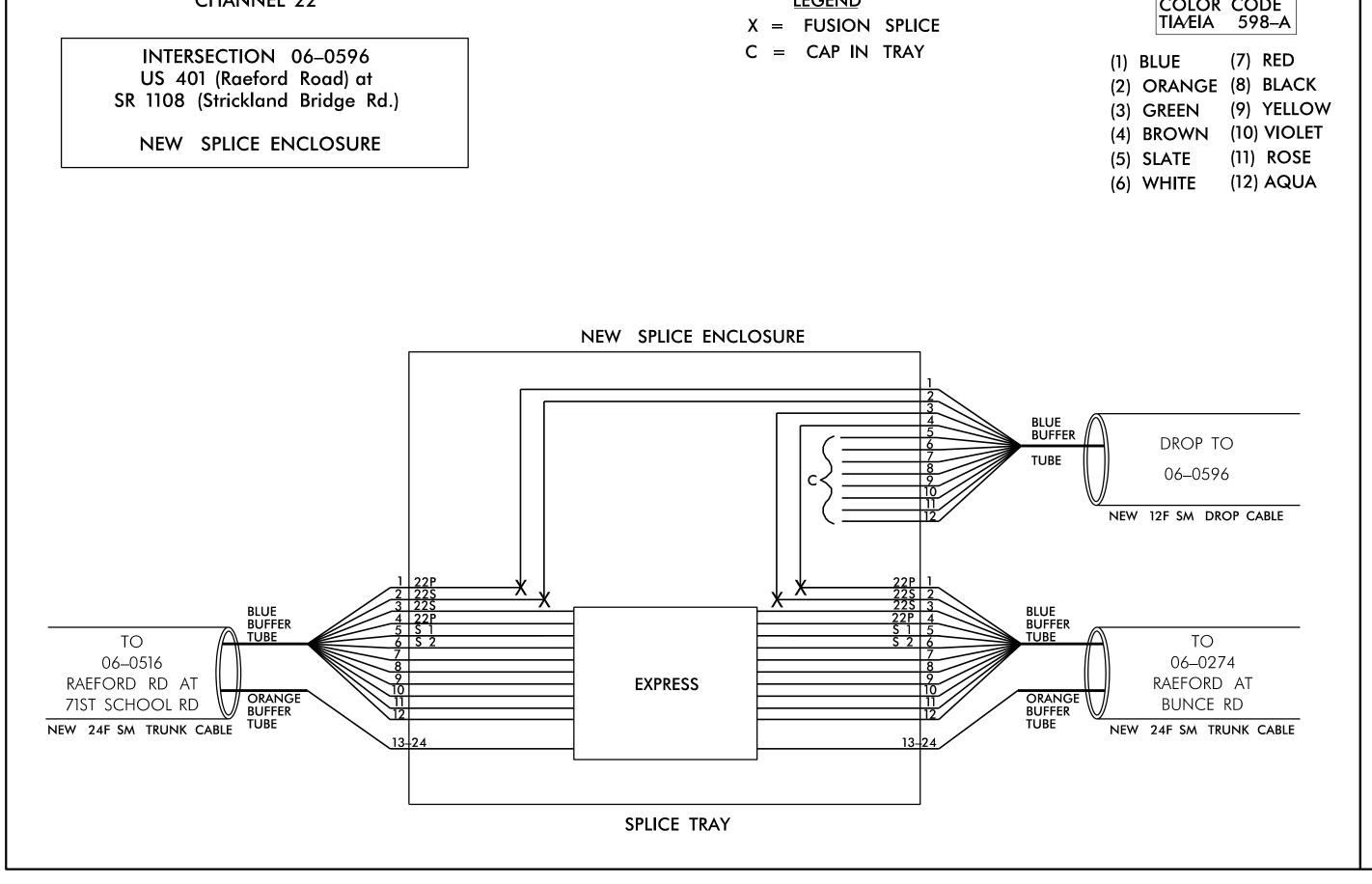
Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com



FIBER CABLE SPLICING DETALS INTERSECTION 06-0596 DIVISION 06 CUMBERLAND CO.

FAYETTEVILE PLAN DATE: MARCH 2018 REVIEWED BY: D. HARRIS PREPARED BY: J. INGRAM REVIEWED BY: B. WATSON REVISIONS INIT. DATE

Lawrence & Over \$1/29/2018



1) FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE CITY OF FAYETTEVILLE'S, SIGNAL SYSTEMS MANAGEMENT ENGINEER, CARL McCARTNEY AT (910) 433–1660 TO ARRANGE FOR THE DIVISION TO PROGRAM THE NEW FIELD

INFORMATION.

3.) WORK IS NOT COMPLETE UNTIL THE SYSTEM IS OPERATIONAL.

ABOVE (1-4) AND SUBMIT PHOTOGRAPH ALONG WITH OTDR TEST RESULTS.

3) UNUSED FIBER SHALL BE LEFT COILED AND STORED IN THE SPLICE TRAY.

4) UNUSED BUFFER TUBES SHALL BE LEFT COILED AND STORED IN THE SPLICE TRAY.