COLOR CODE

TIA/EIA 598-A

(1) BLUE

(2) ORANGE

(3) GREEN

(4) BROWN

(5) SLATE

(6) WHITE

EXISTING SIGNAL CONTROLLER CABINET

LEGEND X = FUSION SPLICEC = CAP IN TRAY

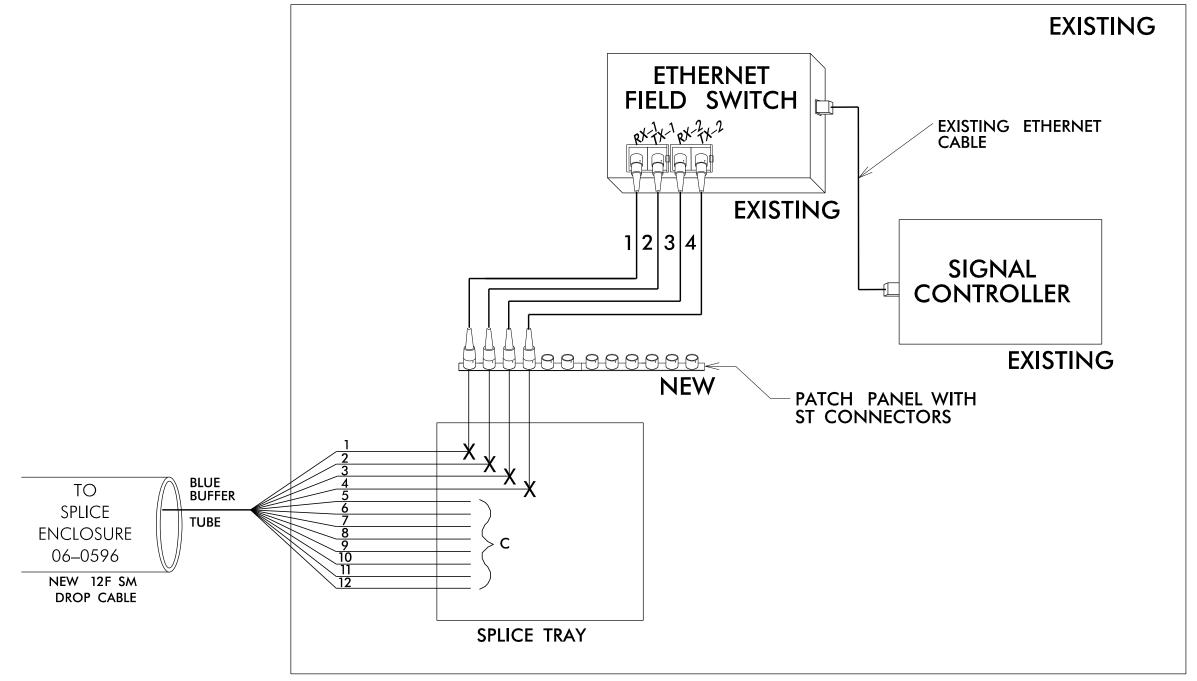
SM FIBER PATCH CORD WITH CONNECTORS

SIGNAL CONTROLLER CABINET

(7) RED (8) BLACK (9) YELLOW

(10) VIOLET (11) ROSE

(12) AQUA



CHANNEL 22 **LEGEND** COLOR CODE TIA/EIA 598-A X = FUSION SPLICEC = CAP IN TRAYINTERSECTION 06-0596 (1) BLUE (7) RED US 401 (Raeford Road) at (2) ORANGE (8) BLACK SR 1108 (Strickland Bridge Rd.) (3) GREEN (9) YELLOW (4) BROWN (10) VIOLET NEW SPLICE ENCLOSURE (5) SLATE (11) ROSE (6) WHITE (12) AQUA NEW SPLICE ENCLOSURE BLUE BUFFER DROP TO 06-0596 NEW 12F SM DROP CABLE BLUE BUFFER TUBE BLUE BUFFER TO 06–0516 06-0274 **EXPRESS** RAEFORD RD AT RAEFORD AT 71ST SCHOOL RD ORANGE BUFFER ORANGE BUNCE RD BUFFER TUBE NEW 24F SM TRUNK CABLE TUBE NEW 24F SM TRUNK CABLE SPLICE TRAY

- 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 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 INFORMATION.
 - 2.) NOTIFY THE DEPUTY TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY.
 - 3.) WORK IS NOT COMPLETE UNTIL THE SYSTEM IS OPERATIONAL.
- 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 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.
- 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.)

Stantec Stantec Consulting Services Inc.

License No. F-0672

FINAL

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N/A

Prepared for the Offices of:

INTERSECTION 06-0596 DIVISION 06 CUMBERLAND CO. FAYETTEVILE PLAN DATE: APRIL 2019 REVIEWED BY: D. HARRIS PREPARED BY: B. KEFFER REVIEWED BY: L. OVERN REVISIONS

FIBER CABLE SPLICING DETALS

INIT. DATE 5/9/2019 I ZAGNATURE

SEAL