**LEGEND** INTERSECTION 06-0516 X = FUSION SPLICEUS 401 (Raeford Road) at C = CAP IN TRAYSR 1409 (71st School Road) SR 1105 (Graham Road) SM FIBER PATCH CORD WITH CONNECTORS EXISTING SIGNAL CONTROLLER CABINET SIGNAL CONTROLLER CABINET EXISTING **ETHERNET** FIELD SWITCH EXISTING ETHERNET CABLE **EXISTING** 

COLOR CODE

TIA/EIA 598-A

(1) BLUE (2) ORANGE

(3) GREEN

(4) BROWN

(5) SLATE (6) WHITE

(7) RED

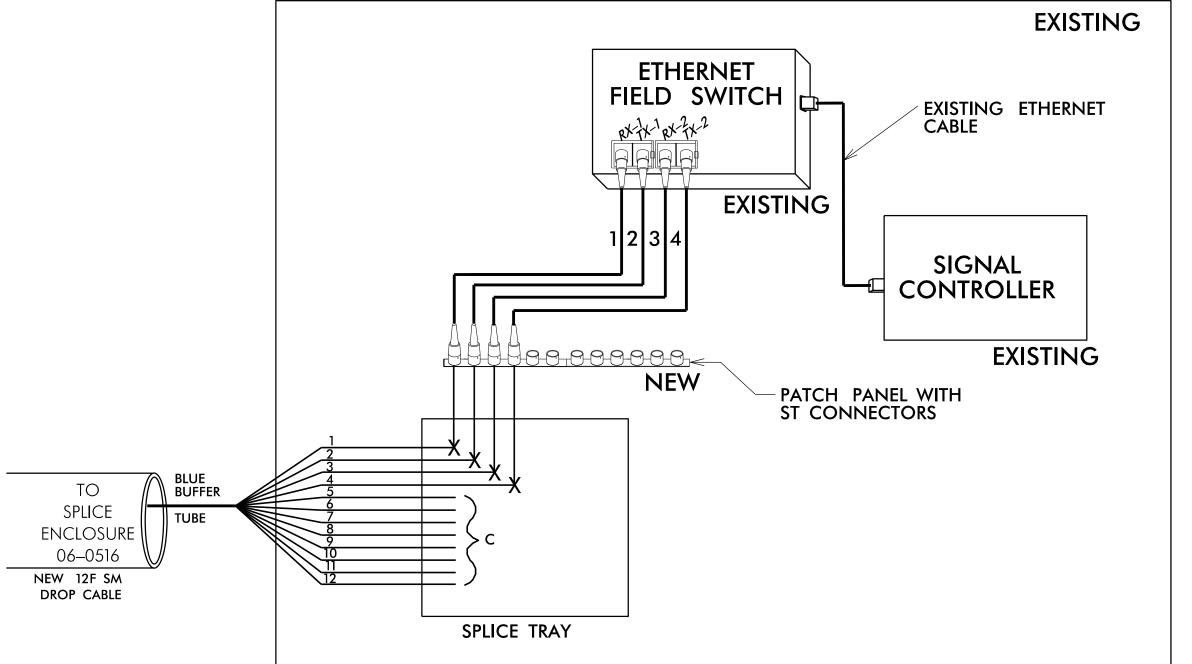
(8) BLACK

(9) YELLOW

(10) VIOLET

(11) ROSE

(12) AQUA



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 1409 (71st School Road)/ SR 1105 (Graham Road)



FINAL

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N/A

FIBE	ER	CABLE	SPL	ICING	DETALS
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	0.6	CHMDEDI	AND C	<b>n</b>	CAVETTEVI

VISION	06	CUMBERLAND	CO.	F	AYET	TEVILE	
N DATE:	MAR	CH 2018	REVIEWED BY:	D.	HAR	RIS	
PARED BY:	J.	INGRAM	REVIEWED BY:	B. WATSON			
	REVISI	ONS		ΙN	IT.	DATE	_
							<u> </u>

Lawrence & Overn 3/29/2018

SEAL