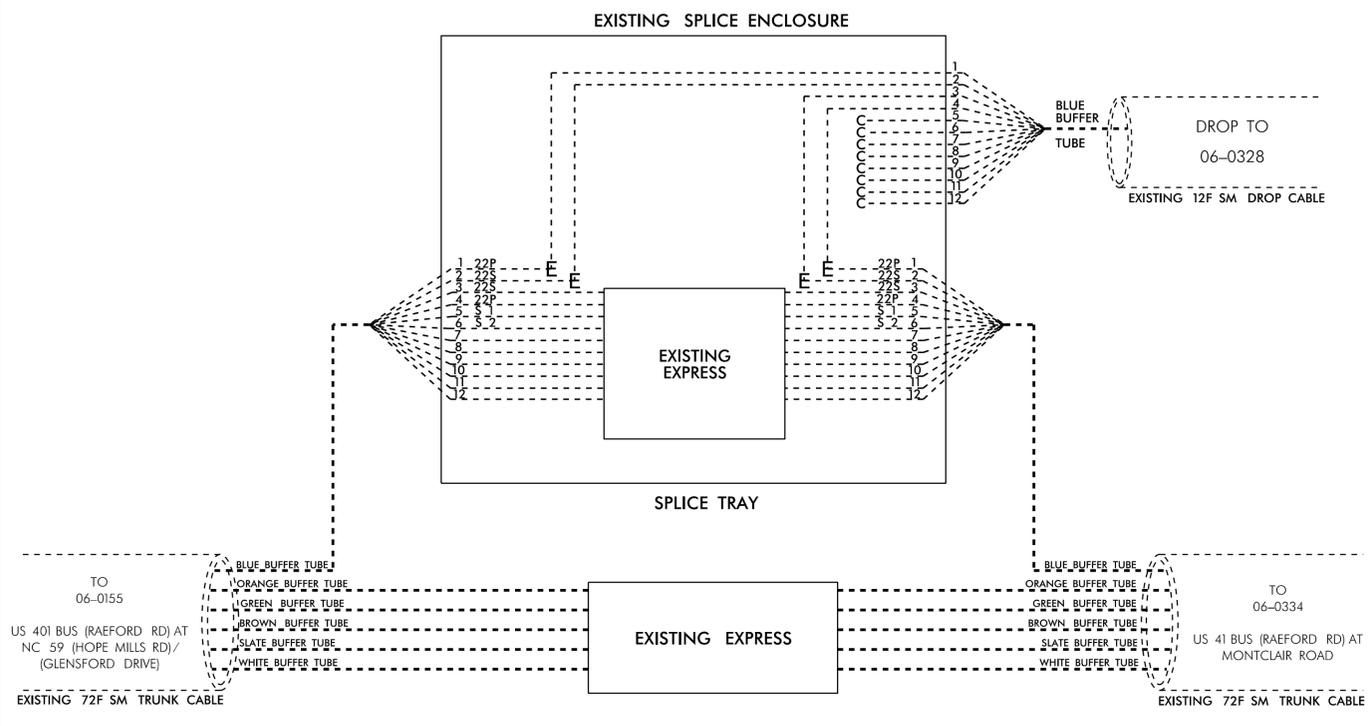


INTERSECTION 06-0328
US 401 Business (Raeford Road)
at Brighton Road/
Fred Anderson Nissan
EXISTING AERIAL SPLICE ENCLOSURE

LEGEND
X = FUSION SPLICE
C = CAP IN TRAY

COLOR CODE
TIA/EIA 598-A

- (1) BLUE (7) RED
- (2) ORANGE (8) BLACK
- (3) GREEN (9) YELLOW
- (4) BROWN (10) VIOLET
- (5) SLATE (11) ROSE
- (6) WHITE (12) AQUA

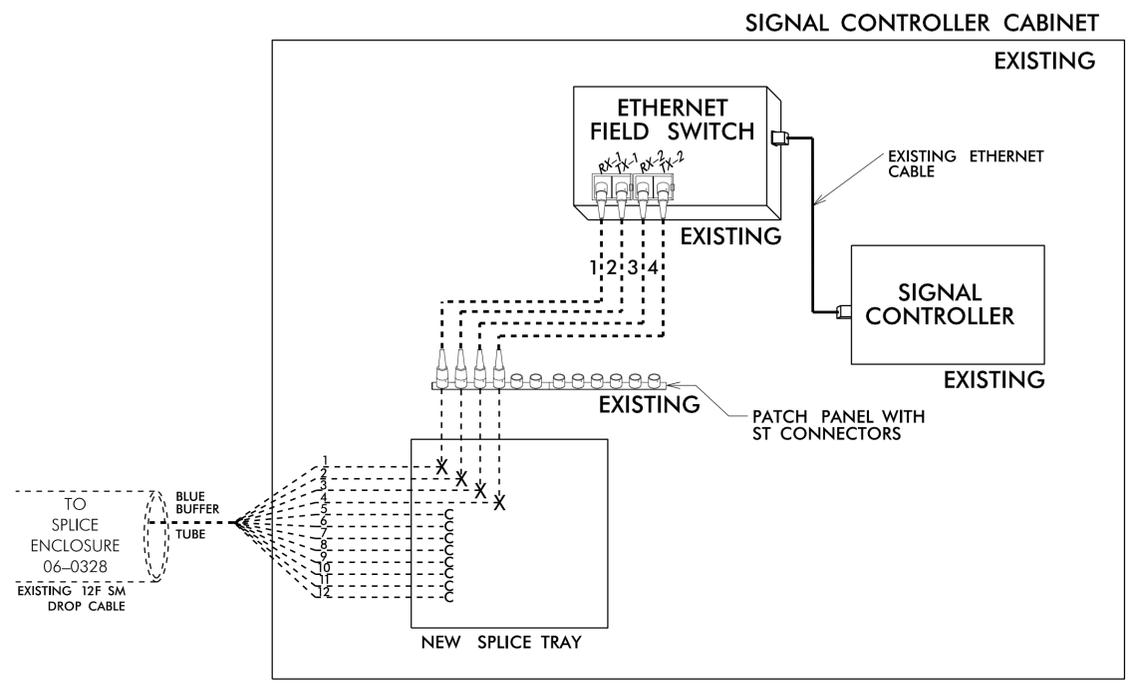


INTERSECTION 06-0491
US 401 Business (Raeford Road)
at Brighton Road/
Fred Anderson Nissan
EXISTING CONTROLLER SIGNAL CABINET

LEGEND
X = FUSION SPLICE
C = CAP IN TRAY

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 BEFORE BEGINNING ANY WORK ON THE SIGNAL COMMUNICATIONS SYSTEM, THE CONTRACTOR SHALL CONTACT THE NCDOT DIVISION TRAFFIC ENGINEER (JAMES FLOWERS) AT 910-364-0606. WORK IS NOT COMPLETE UNTIL ALL MODIFICATIONS TO THE SIGNAL COMMUNICATION SYSTEM HAVE BEEN MADE AND 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 PRIOR 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.

FINAL

US 401 Business (Raeford Road)
at Brighton Road/
Fred Anderson Nissan

10:29:32 AM U:\Traffic\Design\ITS and SCP Design\Fiber Splicing Detail\U-4405B\Fiber Splice Detail.s.dgn User: jgallaway

<p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>		<p>FIBER CABLE SPLICING DETAILS INTERSECTION 06-0328</p>		
		<p>Prepared for the Offices of: Transportation, Mobility and Safe Operations NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Division of Transportation Services</p>	<p>750 N. Greenfield Plaza, Garner, NC 27529</p>	