

Greenville Signal System
New Splice Enclosure S-3
Greenville Blvd /Allen Rd at
Dickinson Ave
Sig ID 02-0029

CABLE B11A TO
SPLICE S-5 AT
INTERSECTION 02-0946
US 264A
AT FROG LEVEL RD

48 FIBERS IN
4 BUFFER TUBES

SPLICE TRAY

CAP AND SEAL AND
LEAVE COILED IN
SPRICE TRAY

CABLE B09B TO
SPLICE S-2 AT
INTERSECTION 02-0921
ALLEN RD
AT BRIARCLIFF DR

48 FIBERS IN 4 BUFFER TUBES

CABLE B10B TO
SPLICE S-4 AT
INTERSECTION 02-0910
GREENVILLE BLVD
AT WILLIAMS RD

48 FIBERS IN 4 BUFFER TUBES

CABINET AT INTERSECTION 02-0029

NEW
DROP
TO
02-0029

BLUE

BLUE
ORANGE
GREEN
BROWN
SLATE
WHITE
RED
BLACK
YELLOW
VIOLET
ROSE
AQUA

PATCH PANEL WITH ST
CONNECTORS

RS-232 TO
CONTROLLER

FIBER-OPTIC JUMPERS
WITH ST CONNECTORS

RX2
TX1
RX1
TX2
NEW
TRANSCIVER

CAP AND SEAL
AND LEAVE COILED
IN SPLICE TRAY

AQUA
ROSE
VIOLET
YELLOW
BLACK
RED
SLATE
WHITE
BROWN
GREEN
ORANGE
BLUE

BLUE

NEW
DROP
TO
02-0029

12 FIBERS IN
1 BUFFER TUBE

COLOR CODE
TIA/EIA 598-C

(1) BLUE

(2) ORANGE

(3) GREEN

(4) BROWN

(5) SLATE

(6) WHITE

(7) RED

(8) BLACK

(9) YELLOW

(10) VIOLET

(11) ROSE

(12) AQUA

LEGEND

X - FUSION SPlice

O - SPlice (BY OTHERS)

□ - EXPRESS INDIVIDUAL FIBER

EXPRESS - EXPRESS ENTIRE BUFFER TUBE

SPlice - SPlice ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED

- NOTES:
- FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE GREENVILLE CITY TRAFFIC ENGINEER AT (252) 329-4066. NOTIFY THE CITY TRAFFIC ENGINEER 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.
 - CONTRACTOR TO RECORD EXISTING 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 ARRANGEMENT DIFFERS FROM THE SUPPLIED SPlice DETAILS.
 - TRANSCIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING /ENSURING PROPER TERMINATIONS.
 - INCLUDE ON THE COVER OF EACH SPlice TRAY THE FOLLOWING:
REFERENCE SECTION 1731 "FIBER OPTIC SPlice ENCLOSURE"
 - SPlice LOCATION
 - DATE
 - COMPANY NAME
 - 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.

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RS&H

NC FIRM LICENSE No: F-0493
8521 SIX FORKS ROAD, SUITE 400
RALEIGH, NC 27615
(919) 926-4100

Prepared In the Offices of:

TRANSPORTATION
MOBILITY AND SAFETY
DIVISION
DEPARTMENT OF TRANSPORTATION
Signal Design Section

750 N.Greenfield Pkwy, Garner, NC 27526

Allen Road Widening
from Stantonsburg Road to US 13
Fiber-Optic Splicing Details

DIVISION 2 PITT COUNTY GREENVILLE

PLAN DATE: July 2025 REVIEWED BY: S.G. Haynie

PREPARED BY: A.M. Kollar REVIEWED BY:

REVISIONS INIT. DATE

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
029531
ENGINEER
STEVEN G. HAYNIE

DocuSign
Signature
DATE
CADD Filename: U5875_sig_scp_26.dgn