

Greenville Signal System
Existing Splice Enclosure S-4
Greenville Blvd at Williams Rd
Sig ID 02-0910

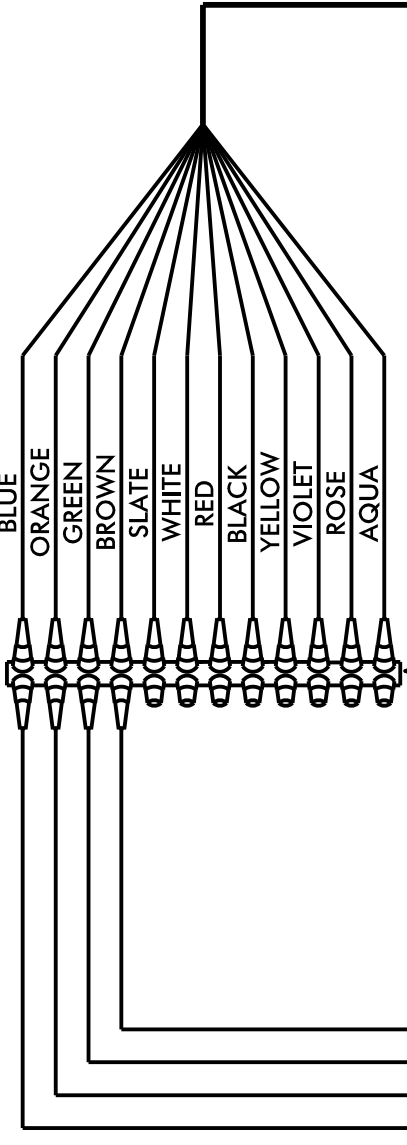
CABLE B10B TO SPLICE S-3 AT
INTERSECTION 02-0029
GREENVILLE BLVD/ALLEN RD AT
DICKINSON AVE

48 FIBERS IN 4 BUFFER TUBES

CABINET AT INTERSECTION 02-0910

NEW
DROP
TO
02-0910

BLUE



FIBER-OPTIC JUMPERS
WITH ST CONNECTORS

RS-232 TO
CONTROLLER

RX2
TX1
RX1
TX2
NEW
TRANSCIVER

NEW
DROP
TO
02-0910

12 FIBERS IN
1 BUFFER TUBE

BLUE

SPLICE TRAY

CAP AND SEAL AND LEAVE
COILED IN SPLICE TRAY

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

BLUE

ORANGE

GREEN

BROWN

SLATE

WHITE

BLUE

ORANGE

GREEN

BROWN

SLATE

WHITE

EXISTING CABLE TO
INTERSECTION 02-0777
GREENVILLE BLVD AT MALL DR

12 FIBERS IN 2 BUFFER TUBES

COLOR CODE
TIA/EIA 598-C

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

LEGEND

X - FUSION SPLICE

O - SPLICE (BY OTHERS)

□ - EXPRESS INDIVIDUAL FIBER

EXPRESS EXPRESS ENTIRE BUFFER TUBE

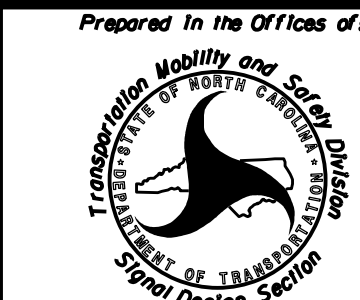
SPLICE SPLICE ENTIRE BUFFER TUBE OR
MAINTAIN IF EXISTING EXPRESSED

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.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



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



DocuSigned by
Steven G. Haynie 7/22/2025

SIGNATURE DATE

CADD Filename: U5875_s1g_scp_27.dgn

RS&H

NC FIRM LICENSE No: F-0493
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