

Existing Splice Enclosure #4 at
Wilkinson Blvd at
Main St
Sig ID 12-0561

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

○ - EXISTING SPlice

□ - EXPRESS INDIVIDUAL FIBER

EXPRESS

EXPRESS ENTIRE BUFFER TUBE

SPlice

SPlice ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED

NOTES:

1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY- ACTUAL EQUIPMENT FORM MAY VARY.

2. ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATION.

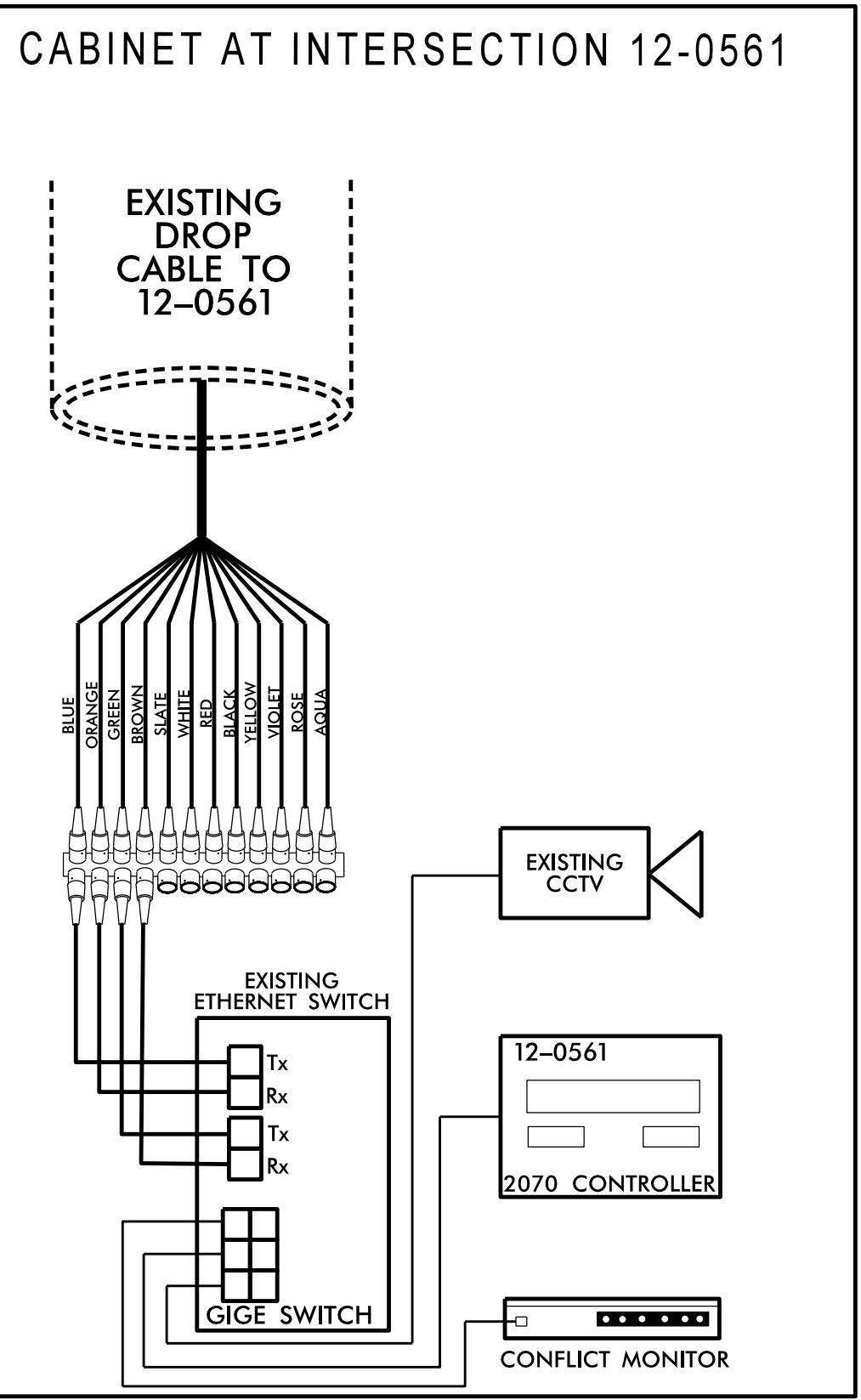
3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING SPLICING. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER WHERE EXISTING SPLICING IS NOT AS EXPECTED.

4. 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

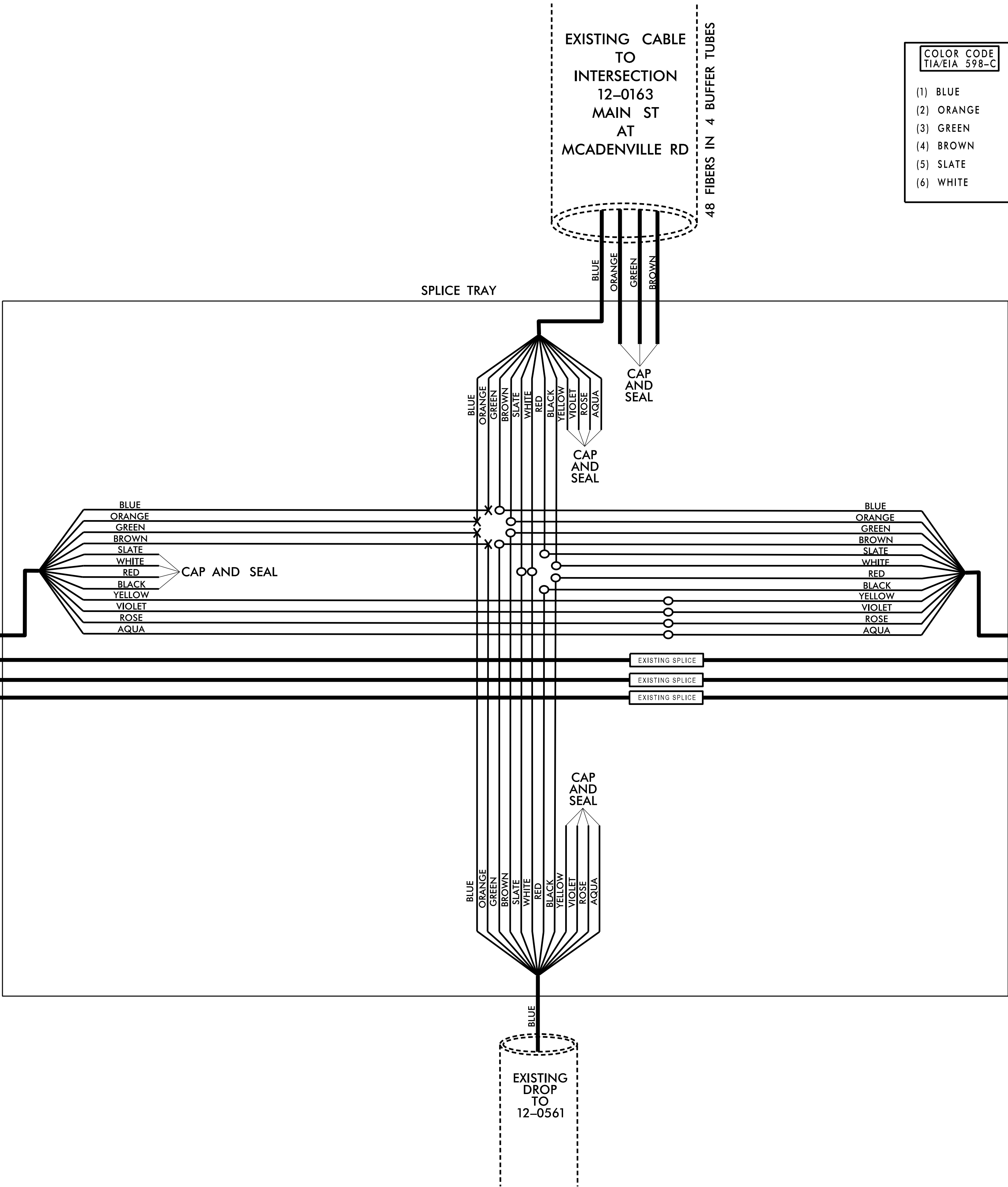
PRIOR TO INSTALLING THE COVER ON THE SPlice TRAY TAKE A DIGITAL PHOTOGRAPH SHOWING THE SPlice TRAY AND INFORMATION SHOWN ABOVE (1-4) AND SUBMIT PHOTOGRAPH ALONG WITH OTDR TEST RESULTS.

5. NOTIFY THE NCDOT DIVISION 12 TRAFFIC ENGINEER AT 980-552-4214 FIVE (5) DAYS PRIOR TO BEGINNING WORK ON SIGNAL SYSTEM COMMUNICATIONS CABLE. NOTIFY THE DIVISION 12 TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. ALL WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM IS BACK UP AND OPERATIONAL. MAINTAIN ALL CONTROLLER CLOCKS DURING CONSTRUCTION.



EXISTING CABLE
TO
WILKINSON BLVD
AT GEORGIA BELLE AVE
(SPL-3)

48 FIBERS IN 4 BUFFER TUBES



EXISTING CABLE
TO
INTERSECTION 12-1734
WILKINSON BLVD
AT MERCY DR /
CALDWELL FARM RD

48 FIBERS IN 4 BUFFER TUBES

Prepared in the Office of:

↑

SUMMIT

DESIGN AND ENGINEERING SERVICES

NC FIRM LICENSE No: P-0339
320 Executive Court
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

Prepared for:

STATE OF NORTH CAROLINA

Department of Transportation

Division 12

750 N. Greenfield Place, Garner, NC 27529

SCALE
N/A

Fiber-Optic Splicing Details

Division 12

Gaston County

Belmont

PLAN DATE: October 2023

REVIEWED BY: S. Yow

PREPARED BY: J. Smith

REVIEWED BY: G. Fuller

REVISIONS

INIT.

DATE

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

SEAL

NORTH CAROLINA

PROFESSIONAL ENGINEER

SEAL 053312

JAMES D. SMITH

DocuSigned by:

James D. Smith

10/3/2023

CADD Filename: