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PROJECT REFERENCE NO.	SHEET NO.
U-5738	SCP 8

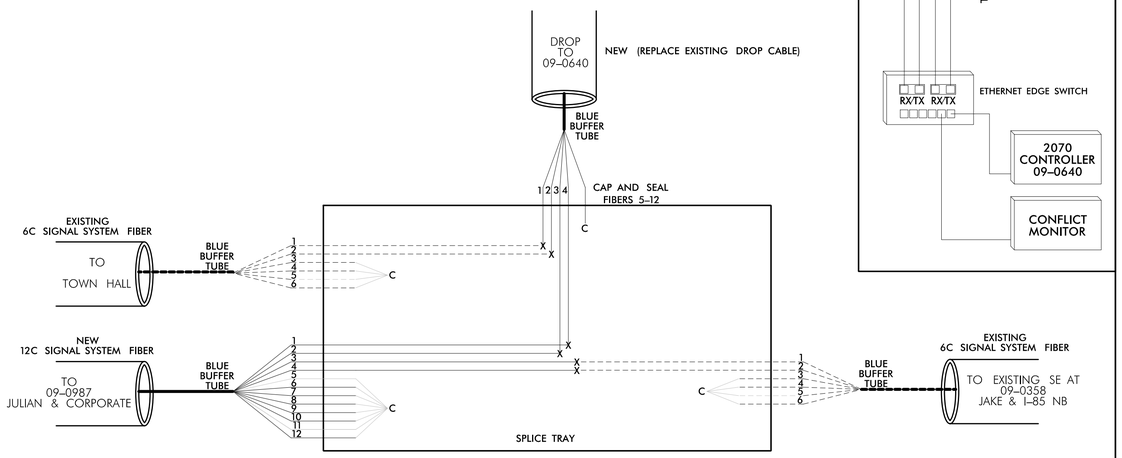
EXISTING UNDERGROUND SPLICE ENCLOSURE
US 601 (JAKE ALEXANDER BLVD S) AT
SR 2528 (JULIAN RD) AND
MARTIN LUTHER KING JR AVE
NW QUADRANT
SIG. INV. # 09–0640

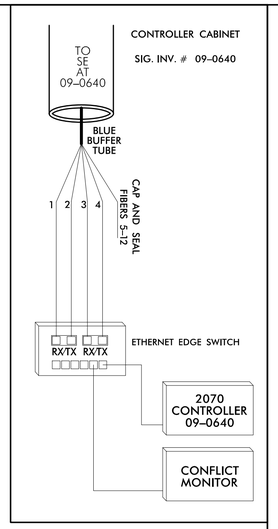
NOTES:
UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY.
UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE TRAY.

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

LEGEND
X = FUSION SPLICE
C = CAP IN TRAY



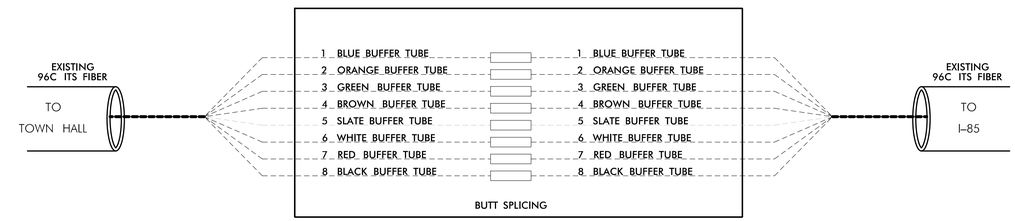


EXISTING UNDERGROUND ITS SPLICE ENCLOSURE
US 601 (JAKE ALEXANDER BLVD S) AT
SR 2528 (JULIAN RD) AND
MARTIN LUTHER KING JR AVE
SW QUADRANT

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

LEGEND
SPLICE THROUGH



NOTES:

DISCONNECT AND REMOVE THE EXISTING SIGNAL DROP CABLE FROM THE 96C ITS FIBERS AS SHOWN ON SHEET SCP 2.
RESTORE THE ITS FIBERS IN THE GREEN BUFFER TUBE TO THEIR DEFAULT CONFIGURATION (BUTT SPLICING).

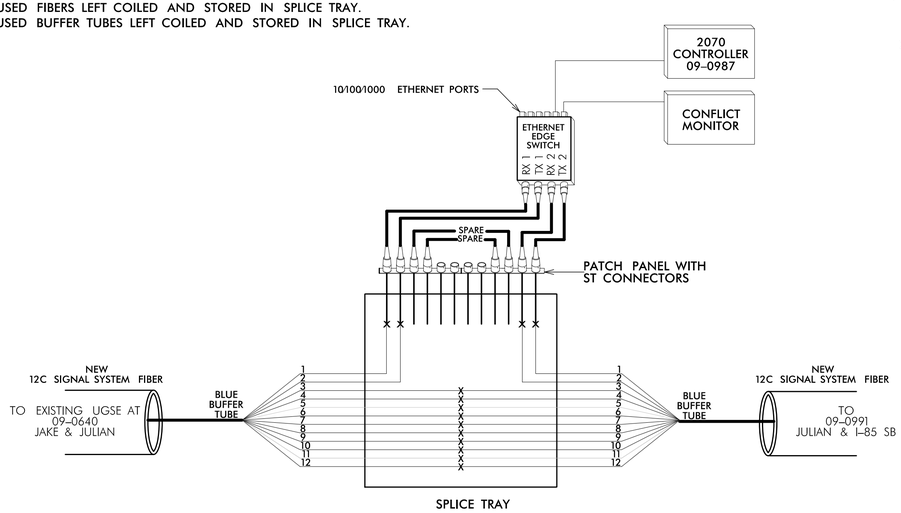
CONTROLLER CABINET
SR 2528 (JULIAN RD) AT
CORPORATE CIR AND
SR 2540 (W. RITCHIE RD)
SIG. INV. # 09–0987

NOTES:
UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY.
UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE 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

LEGEND
X = FUSION SPLICE



NOTES:

1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING SIGNAL AND ITS SYSTEM COMMUNICATIONS UNTIL THE NEW FIBER OPTIC CABLES ARE INSTALLED AND READY FOR CUTOVER (SEE ICT).

2. NOTIFY THE NCDOT DIVISION TRAFFIC ENGINEER J. P. COUCH AT 336–747–7800, REGIONAL ITS ENGINEER AT 336–315–7080, AND THE CITY OF SALISBURY TRAFFIC ENGINEERING COORDINATOR VICKIE EDDLEMAN AT 704–638–5200 TWO (2) WEEKS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM COMMUNICATIONS AND ITS FIBER OPTIC CABLES. NOTIFY THE NCDOT DIVISION TRAFFIC ENGINEER, REGIONAL ITS ENGINEER AND THE CITY'S TRAFFIC ENGINEERING COORDINATOR AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM AND THE ITS SYSTEM ARE BOTH BACK UP AND OPERATIONAL (SEE ICT).

3. 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.

4. ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING & ENSURING PROPER TERMINATIONS.

5. INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING:
REFERENCE NCDOT 2018 STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES 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.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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750 N.Greenfield Pkwy,Garner,NC 27529

SCALE 0 N/A N/A

SPLICE DETAILS

Division 9 Rowan County Salisbury

PLAN DATE: November 2021 REVIEWED BY: B. Phillips
PREPARED BY: Z. "Gavin" Teng REVIEWED BY:

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 032179 ENGINEER HAOLONG TENG

DocuSigned by: Haolong Teng 12/3/2021
SIGNATURE DATE

CADD Filename:

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