

**NEW UGSE IN
JUNCTION BOX
LOCATED AS BASE OF
UTILITY POLE #2**

COLOR CODE
TIA/EIA 598-A

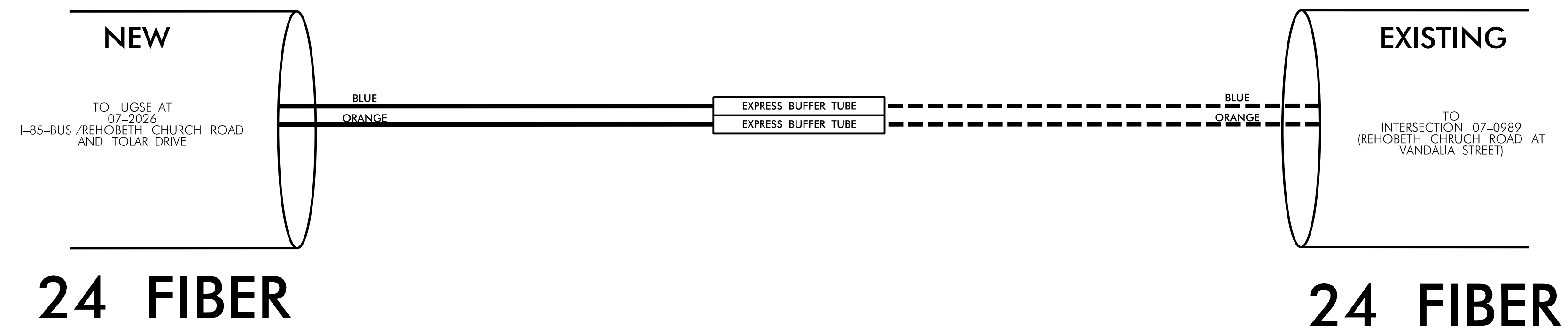
- | | |
|------------|-------------|
| (1) BLUE | (7) RED |
| (2) ORANGE | (8) BLACK |
| (3) GREEN | (9) YELLOW |
| (4) BROWN | (10) VIOLET |
| (5) SLATE | (11) ROSE |
| (6) WHITE | (12) AQUA |

LEGEND

- X = FUSION SPLICE
 C = CAP IN TRAY
 ASE = AERIAL SPLICE ENCLOSURE
 UGSE = UNDERGROUND SPLICE ENCLOSURE

NOTES:

Unused fibers left coiled and stored in splice tray.
 Unused Buffer Tubes left coiled and stored in splice tray.



- 1) FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE FIBER OPTIC CABLE LOCATED ALONG THE I-85 CORRIDOR, CONTACT THE REGIONAL ITS ENGINEER, MIKE VENABLE, AT AT (336) 315-7080 (EXT 204) TO ARRANGE FOR THE REGIONAL ITS ENGINEER TO PROGRAM THE NEW FIELD ETHERNET SWITCHES WITH THE NECESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NOT LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID INFORMATION. NOTIFY THE REGIONAL ITS ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. WORK IS NOT COMPLETE UNTIL THE DEVICES LOCATED ALONG THIS CORRIDOR ARE BACK UP AND OPERATIONAL
- 2) FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE FIBER OPTIC CABLE RELATED TO THE CITY OF GREENSBORO'S, TRAFFIC SIGNAL SYSTEM, CONTACT THE CITY'S SIGNAL SYSTEM ENGINEER, CHRIS SPENCER, AT (336) 433-7218 TO ARRANGE FOR THE SIGNAL SYSTEM ENGINEER TO PROGRAM THE NEW FIELD ETHERNET SWITCHES WITH THE NECESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NOT LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID INFORMATION. NOTIFY THE SIGNAL SYSTEM 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
- 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 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.

SEE "ICT" FOR FIBER OPTIC CABLE WORK

TMP Phase I

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

 MOTT MACDONALD 7621 Purfoy Road Suite 115 Fuquay-Varina, NC 27526 www.mottmac.com License No. P-0669	 Prepared for the Offices of: 250 N. Greenfield Pkwy., Garner, NC 27529	SPLICE DETAIL		 SEAL NORTH CAROLINA PROFESSIONAL ENGINEER RUSSELL W. THOMPSON
		Division 07 Guilford Co., Greensboro	PLAN DATE: January 2023	
REVISIONS		INIT.	DATE	DocuSigned by: Russell W. Thompson SIGNATURE