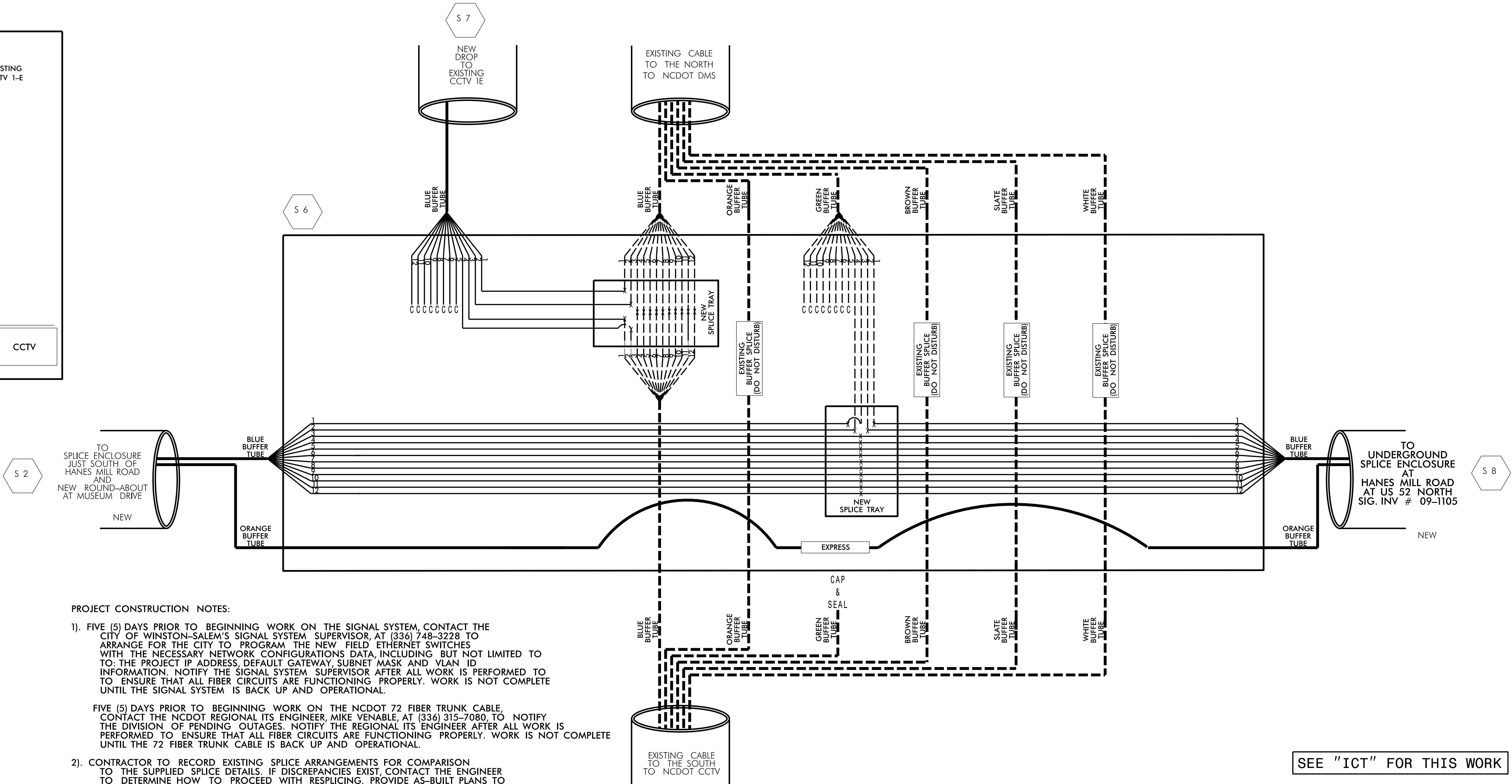
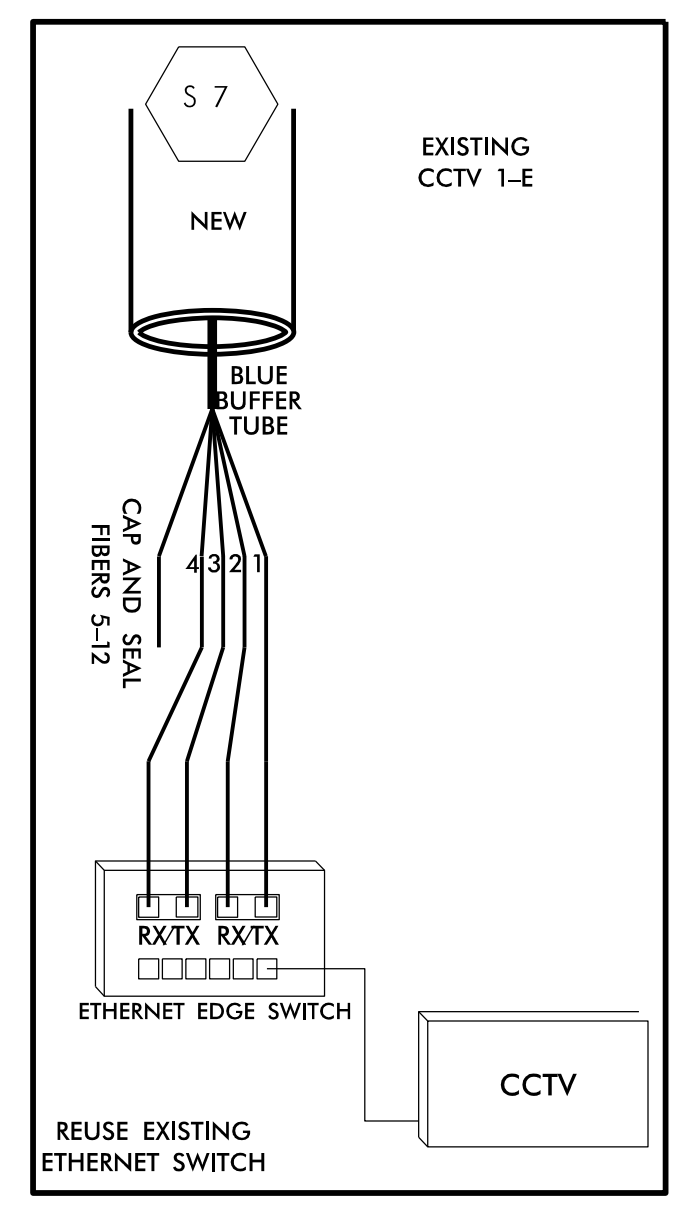


SPLICE "S 6" & "S 7"

UNDERGROUND SPLICE ENCLOSURE
ALONG US 52 "SOUTHBOUND"
NEXT TO OVERPASS
"DOT" JUNCTION BOX

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

**NOTE: 96 "IS" FIBER PASSED THROUGH
JUNCTION BOX WITH NO SPLICES**



PROJECT CONSTRUCTION NOTES:

- FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE CITY OF WINSTON-SALEM'S SIGNAL SYSTEM SUPERVISOR, AT (336) 748-3228 TO ARRANGE FOR THE CITY TO PROGRAM THE NEW FIELD ETHERNET SWITCHES WITH THE NECESSARY NETWORK CONFIGURATIONS DATA, INCLUDING BUT NOT LIMITED TO TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID INFORMATION. NOTIFY THE SIGNAL SYSTEM SUPERVISOR 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.
- FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE NCDOT 72 FIBER TRUNK CABLE, CONTACT THE NCDOT REGIONAL ITS ENGINEER, MIKE VENABLE, AT (336) 315-7080, TO NOTIFY THE DIVISION OF PENDING OUTAGES. 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 72 FIBER TRUNK CABLE IS BACK UP AND OPERATIONAL.
- CONTRACTOR TO RECORD EXISTING SPLICE ARRANGEMENTS 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 ARRANGEMENTS DIFFERS FROM THE SUPPLIED SPLICE DETAILS.
- ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ENSURING PROPER TERMINATIONS.
- INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING:
 - 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 OTRD TEST RESULTS.
- CUT OVER OF THE "SIGNAL SYSTEM FIBER" OR "NCDOT FIBER" SHALL NOT EXCEED 48 HOURS IN DURATION. THIS WORK IS NOT COMPLETE UNTIL THE CITY OF WINSTON-SALEM'S "SIGNAL SYSTEMS SUPERVISOR" AND "NCDOT REGIONAL ITS ENGINEER" VERIFIES THAT THEIR SYSTEM IS BACK UP AND OPERATIONAL.

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
[EXPRESS] = EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING
[BUFFER SPLICE] = SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR

SEE "ICT" FOR THIS WORK

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$SUNDAYS\$\$\$\$\$
\$\$\$\$\$PRIME\$\$\$\$\$

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

**MOTT
MACDONALD**

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Prepared for the Offices of:
TRANSFORMATIONAL MOBILITY AND STATE DIVISION
NORTH CAROLINA
TRANSPORTATION
SIGNAL SYSTEMS

750 Greenfield Parkway, Garner, NC 27529

SPLICE DETAIL CITY SIGNAL FIBER		
DIVISION 09	FORSYTH COUNTY WINSTON-SALEM	
PLAN DATE: February 2023	REVIEWED BY: RW THOMPSON	
PREPARED BY: IN AVERY	REVIEWED BY:	
REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
RUSSELL W. THOMPSON

Russell W. Thompson

DATE

CADD File name: \$FILENAME\$