



EXISTING
CONTROLLER
CABINET

SPLICE NO. 5
13-1227
SR 1001 (SUGAR HILL ROAD)
AT I-40 WB RAMP

LEGEND

COLOR CODE TIA/EIA 598-B		
(1) BLUE	(7) RED	E = EXISTING FUSION SPLICE INDIVIDUAL FIBER TO REMAIN
(2) ORANGE	(8) BLACK	X = FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	C = CAP AND SEAL
(4) BROWN	(10) VIOLET	EXPRESS = EXPRESS ENTIRE BUFFER TUBE/FIBERS THROUGH WITHOUT CUTTING
(5) SLATE	(11) ROSE	BUFFER SPLICE = SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(6) WHITE	(12) AQUA	SM FIBER PATCH CORD WITH CONNECTORS
13-XXXX = PROPOSED		
13-XXXX = CABINET/CONTROLLER EXISTING		
13-XXXX = CABINET/CONTROLLER		

NOTES:

- UNUSED FIBERS AND/OR BUFFER TUBES LEFT COILED AND STORED IN SPLICE TRAY.
- CONTRACTOR TO FURNISH SELF HEALING RING TYPE TRANSCEIVERS.
- TRANSCEIVER CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.
- NOTIFY THE NCDOT DIVISION 13 TRAFFIC ENGINEER ANNA HENDERSON, PE, AT 828-251-6171 FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE CLOSED LOOP SYSTEM. COMMUNICATIONS CABLE NOTIFY THE DIVISION TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. WORK IS NOT COMPLETE UNTIL THE CLOSED LOOP SYSTEM IS BACK UP AND OPERATIONAL AFTER FINAL PHASE OF CONSTRUCTION.
- 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.
- INCLUDE ON THE COVER OF SPLICE TRAY THE FOLLOWING INFORMATION (REFERENCE STANDARD SPECIFICATIONS SECTION 1731):
 A. SPLICE LOCATION
 B. DATE
 C. COMPANY NAME
 D. NAME OF INDIVIDUAL PERFORMING THE SPLICE
 PRIOR TO INSTALLING THE COVER ON THE SPLICE TRAY, TAKE A DIGITAL PHOTOGRAPH SHOWING THE SPLICE TRAY AND INFORMATION SHOWN ABOVE (ITEMS A-D) AND SUBMIT PHOTOGRAPH ALONG WITH OTDR TEST RESULTS

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Prepared for the Offices of:

 750 N. Greenfield Pkwy, Garner, NC 27529
 SCALE: N.T.S.

FINAL DESIGN

SR 1001 (Sugar Hill Road)	
Fiber Optic Splice Details	
Division 13	McDowell County
Marion	
PLAN DATE: February 2019	REVIEWED BY: E D Harris
PREPARED BY: G B Spell	REVIEWED BY: L Overn
REVISIONS	INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

 2/6/2019
 SIGNATURE DATE
 CADD Filename:

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 User: rmmoney