PROJECT REFERENCE NO. U-5968 SPL219 CHANNEL B20 LEGEND COLOR CODE TIA/EIA 598-C SPLICE ENCLOSURE AT X - FUSION SPLICE INDIVIDUAL FIBER O – EXISTING SPLICE (NC 55 AT I-40 EB RAMP) (1) BLUE (7) RED EXPRESS INDIVIDUAL FIBER (2) ORANGE (8) BLACK SIG ID 05–1070 EXPRESS ENTIRE BUFFER TUBE (3) GREEN (9) YELLOW SPLICE ENTIRE BUFFER TUBE OR MAINTAIN (4) BROWN (10) VIOLET IF EXISTING EXPRESSED (5) SLATE (11) ROSE 1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC (12) AQUA (6) WHITE 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 EXPRESS ENTIRE ORANGE, GREEN, BROWN, SLATE, WHITE, RED, BLACK, YELLOW, VIOLET, ROSE AND AQUA BUFFER TUBES SPLICE TRAY SPLICING IS NOT AS EXPECTED. BLUE ORANGE BLUE ORANGE GREEN BROWN GREEN BROWN SLATE WHITE WHITE RED RED BLACK YELLOW VIOLET ROSE AQUA BLACK YELLOW VIOLET ROSE AQUA \ ORANGE ORANGE **EXPRESS** \ \ GREEN GREEN / **EXPRESS** | | BROWN BROWN **EXPRESS** SLATE SLATE **EXPRESS** CABLE F098 TO CABLE F098 TO T | WHITE WHITE EXPRESS INTERSECTION 05–0390 INTERSECTION 05–1069 | | RED RED **EXPRESS** (NC 54 AT NC 55) (NC 55 AT I-40 WB RAMP) | | BLACK BLACK **EXPRESS** 7 IYELLOW YELLOW \ \ **EXPRESS** TTVIOLET VIOLET \ \ **EXPRESS** / / ROSE ROSE \ \ EXPRESS // AQUA AQUA \\ EXPRESS CAP AND SEAL 144 FIBERS IN 12 BUFFER TUBES 144 FIBERS IN 12 BUFFER TUBES CABINET AT INTERSECTION 05-1070 DROP CABLE TO 05–1070 DROP TO 05–1070 CHANNEL B20 **ETHERNET** SWITCH CITY OF DURHAM COMPUTERIZED SEAL SIGNAL SYSTEM SPLICE DETAIL 05-1070 030472 DIVISION 05 DURHAM COUNTY DEC 2018 REVIEWED BY: N. MENGELKOCH PLAN DATE: Kimley»Horn 2

PREPARED BY:

NC License #F-0102 421 Fayetteville St., Suite 600 Raleigh, NC 27636 Tel: (919) 677-2000 Fax: (919) 677-2050

KHA

REVISIONS

REVIEWED BY: K. SMITH

kevin Smith 12/19/2018

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2070 CONTROLLER

PROJECT REFERENCE NO. U-5968 SPL220 CHANNEL B20 LEGEND COLOR CODE TIA/EIA 598-C SPLICE ENCLOSURE AT X - FUSION SPLICE INDIVIDUAL FIBER O – EXISTING SPLICE (NC 55 AT I-40 WB RAMP) (1) BLUE (7) RED EXPRESS INDIVIDUAL FIBER (2) ORANGE (8) BLACK SIG ID 05–1069 EXPRESS ENTIRE BUFFER TUBE (3) GREEN (9) YELLOW SPLICE ENTIRE BUFFER TUBE OR MAINTAIN (4) BROWN (10) VIOLET IF EXISTING EXPRESSED (5) SLATE (11) ROSE 1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC (12) AQUA (6) WHITE 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 EXPRESS ENTIRE ORANGE, GREEN, BROWN, SLATE, WHITE, RED, BLACK, YELLOW, VIOLET, ROSE AND AQUA BUFFER TUBES SPLICE TRAY SPLICING IS NOT AS EXPECTED. BLUE ORANGE BLUE ORANGE GREEN BROWN GREEN BROWN SLATE WHITE WHITE RED RED BLACK YELLOW VIOLET ROSE AQUA BLACK YELLOW VIOLET ROSE AQUA \ ORANGE ORANGE **EXPRESS** \ \ GREEN GREEN / **EXPRESS** | | BROWN BROWN **EXPRESS** SLATE SLATE **EXPRESS** CABLE F098 TO CABLE F098 TO | | | WHITE WHITE EXPRESS INTERSECTION 05–1070 INTERSECTION 05–1528 l I_{RED} RED **EXPRESS** (NC 55 AT I-40 EB RAMP) (MERIDIAN PKWY AT NC 55) BLACK BLACK **EXPRESS** 7 IYELLOW YELLOW \ \ **EXPRESS** TTVIOLET VIOLET \ \ **EXPRESS** / / ROSE ROSE \ \ EXPRESS // AQUA AQUA \\ EXPRESS CAP AND SEAL 144 FIBERS IN 12 BUFFER TUBES 144 FIBERS IN 12 BUFFER TUBES CABINET AT INTERSECTION 05-1069 DROP CABLE TO 05–1069 DROP TO 05-1069 CHANNEL B20 **ETHERNET** SWITCH CITY OF DURHAM COMPUTERIZED SEAL SIGNAL SYSTEM SPLICE DETAIL 05-1069 030472 DIVISION 05 DURHAM COUNTY DEC 2018 REVIEWED BY: N. MENGELKOCH PLAN DATE: Kimley»Horn 2 PREPARED BY: KHA REVIEWED BY: K. SMITH 2070 CONTROLLER NC License #F-0102 421 Fayetteville St., Suite 600 Raleigh, NC 27636 Tel: (919) 677-2000 Fax: (919) 677-2050 REVISIONS

12/19/2018 DATE

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PROJECT REFERENCE NO. U-5968 SPL221 CHANNEL B20 LEGEND COLOR CODE TIA/EIA 598-C SPLICE ENCLOSURE AT X - FUSION SPLICE INDIVIDUAL FIBER O – EXISTING SPLICE (1) BLUE (7) RED (MERIDIAN PKWY AT NC 55) EXPRESS INDIVIDUAL FIBER (2) ORANGE (8) BLACK SIG ID 05–1528 EXPRESS ENTIRE BUFFER TUBE (3) GREEN (9) YELLOW SPLICE ENTIRE BUFFER TUBE OR MAINTAIN (4) BROWN (10) VIOLET IF EXISTING EXPRESSED (5) SLATE (11) ROSE 1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC (12) AQUA (6) WHITE 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 EXPRESS ENTIRE ORANGE, GREEN, BROWN, SLATE, WHITE, RED, BLACK, YELLOW, VIOLET, ROSE AND AQUA BUFFER TUBES SPLICE TRAY SPLICING IS NOT AS EXPECTED. BLUE ORANGE BLUE ORANGE GREEN BROWN GREEN BROWN SLATE WHITE WHITE RED RED BLACK YELLOW VIOLET ROSE AQUA BLACK YELLOW VIOLET ROSE AQUA \ ORANGE ORANGE **EXPRESS** \ \ GREEN GREEN / **EXPRESS** | | BROWN BROWN **EXPRESS** SLATE SLATE **EXPRESS** CABLE F098 TO CABLE F098 TO | | WHITE WHITE EXPRESS INTERSECTION 05–1083 INTERSECTION 05–1069 l I_{RED} RED **EXPRESS** (CARPENTER FLETCHER RD AT NC 55) (NC 55 AT I-40 WB RAMP) | | BLACK BLACK **EXPRESS** 7 IYELLOW YELLOW \ \ **EXPRESS** TTVIOLET VIOLET \ \ **EXPRESS** / / ROSE ROSE \ \ EXPRESS // AQUA AQUA \\ EXPRESS CAP AND SEAL 144 FIBERS IN 12 BUFFER TUBES 144 FIBERS IN 12 BUFFER TUBES CABINET AT INTERSECTION 05-1528 DROP CABLE TO 05–1528 DROP TO 05–1528 CHANNEL B20 **ETHERNET** SWITCH CITY OF DURHAM COMPUTERIZED SEAL SIGNAL SYSTEM SPLICE DETAIL 05-1528 030472 DIVISION 05 DURHAM COUNTY DEC 2018 REVIEWED BY: N. MENGELKOCH PLAN DATE: Kimley»Horn 2 PREPARED BY: KHA REVIEWED BY: K. SMITH 2070 CONTROLLER NC License #F-0102 421 Fayetteville St., Suite 600 Raleigh, NC 27636 Tel: (919) 677-2000 Fax: (919) 677-2050 REVISIONS kevin Smith 12/19/2018 <u>058660483684746</u>F... CADD Filename: