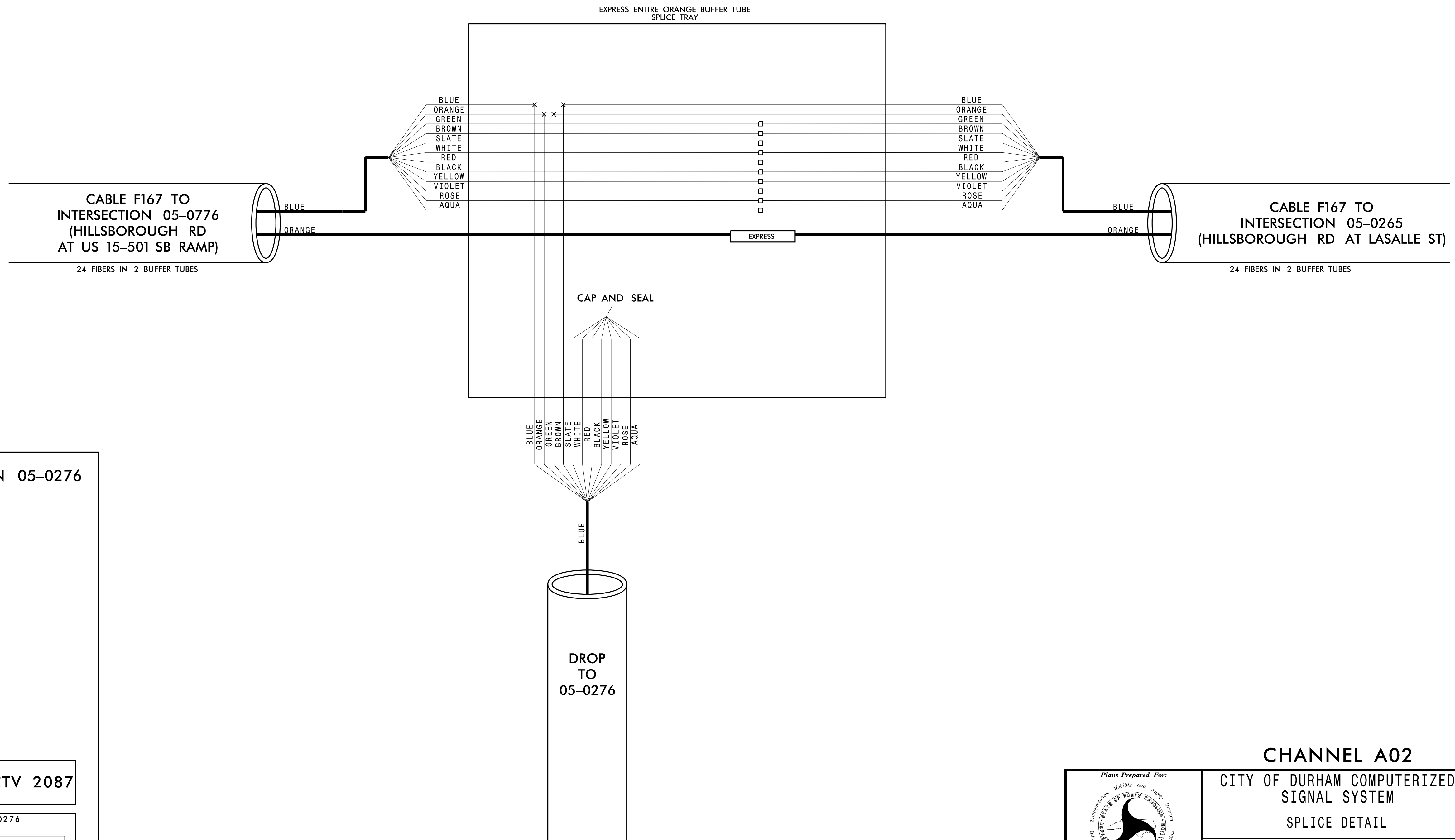


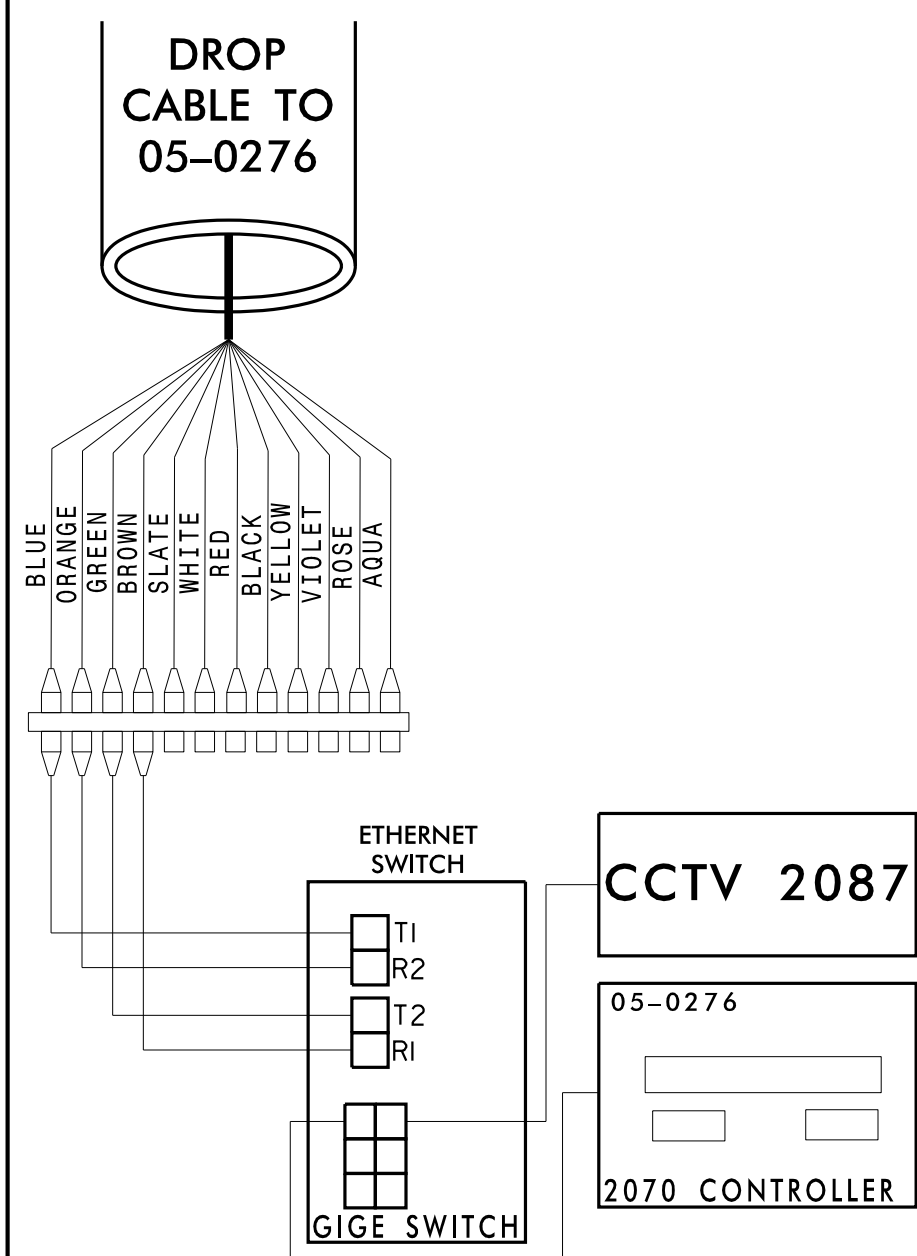
**CHANNEL A02
 SPLICE ENCLOSURE AT
 (HILLSBOROUGH RD AT
 US 15-501 NB RAMP)
 SIG ID 05-0276
 CCTV 2087**

| COLOR CODE TIA/EIA 598-C | | LEGEND | |
|-----------------------------|-------------|---------|---|
| (1) BLUE | (7) RED | X | FUSION SPLICE INDIVIDUAL FIBER |
| (2) ORANGE | (8) BLACK | O | EXISTING SPLICE |
| (3) GREEN | (9) YELLOW | □ | EXPRESS INDIVIDUAL FIBER |
| (4) BROWN | (10) VIOLET | EXPRESS | EXPRESS ENTIRE BUFFER TUBE |
| (5) SLATE | (11) ROSE | SPLICE | SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED |
| (6) WHITE | (12) AQUA | | |

NOTES:
 1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC 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 SPlicing IS NOT AS EXPECTED.



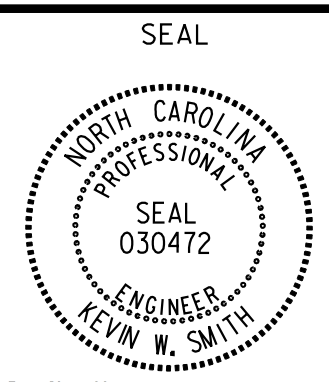
CABINET AT INTERSECTION 05-0276



CHANNEL A02

**CITY OF DURHAM COMPUTERIZED
 SIGNAL SYSTEM
 SPLICE DETAIL**

| | | | |
|---------------------|----------------------------|---------------|--|
| DIVISION 05 | | DURHAM COUNTY | |
| PLAN DATE: DEC 2018 | REVIEWED BY: N. MENGELKOCH | | |
| PREPARED BY: KHA | REVIEWED BY: K. SMITH | | |
| REVISIONS | INIT. | DATE | |



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Plans Prepared For:
 Transportation Mobility and Safety Division
 DEPARTMENT OF TRANSPORTATION
 250 N. Greenfield Place, Garner, NC 27529

SCALE
 0

**CHANNEL A02
SPLICE ENCLOSURE AT
(HILLSBOROUGH RD AT LASALLE ST)
SIG ID 05-0265**

COLOR CODE
TIA/EIA 598-C

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

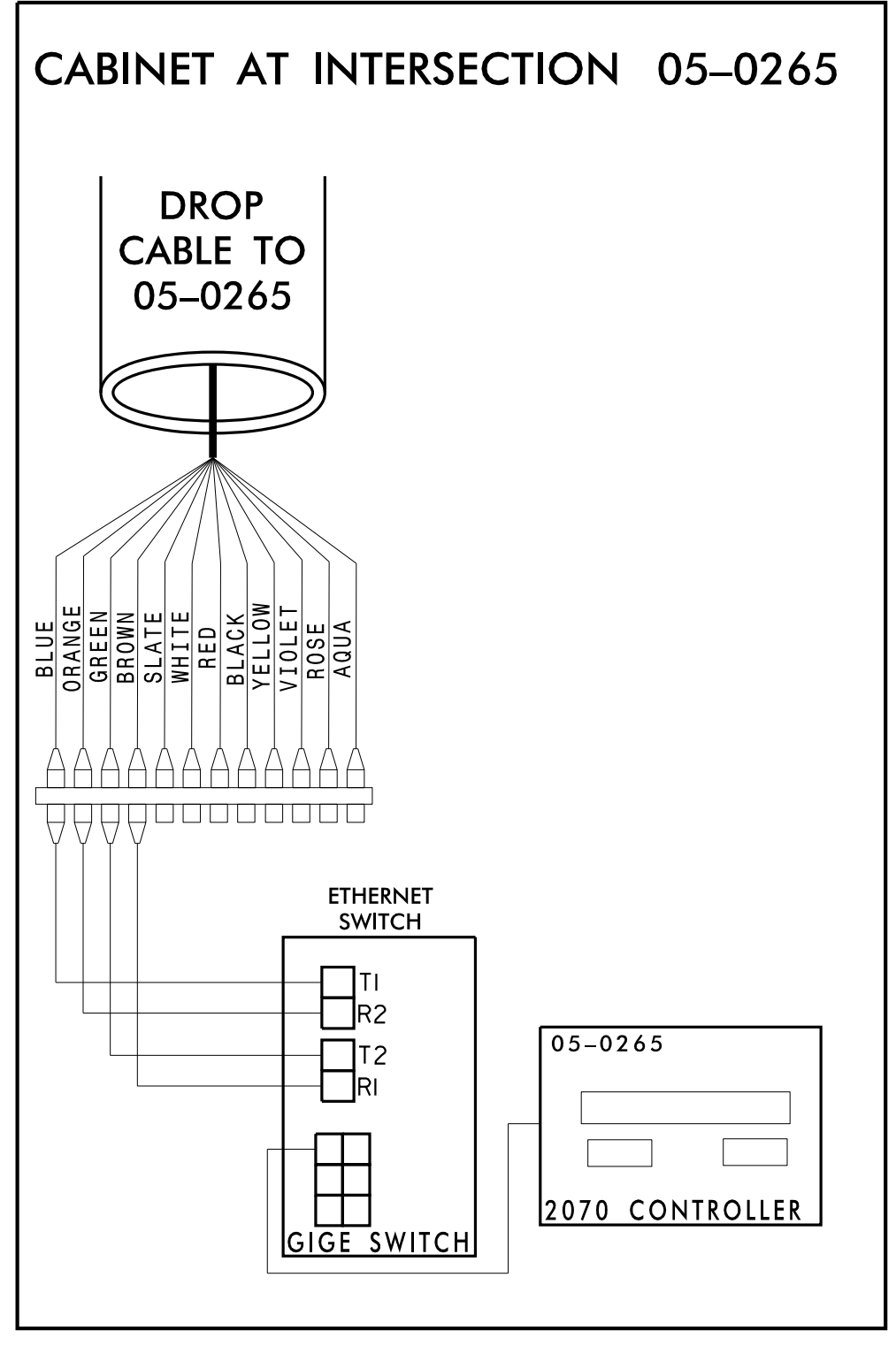
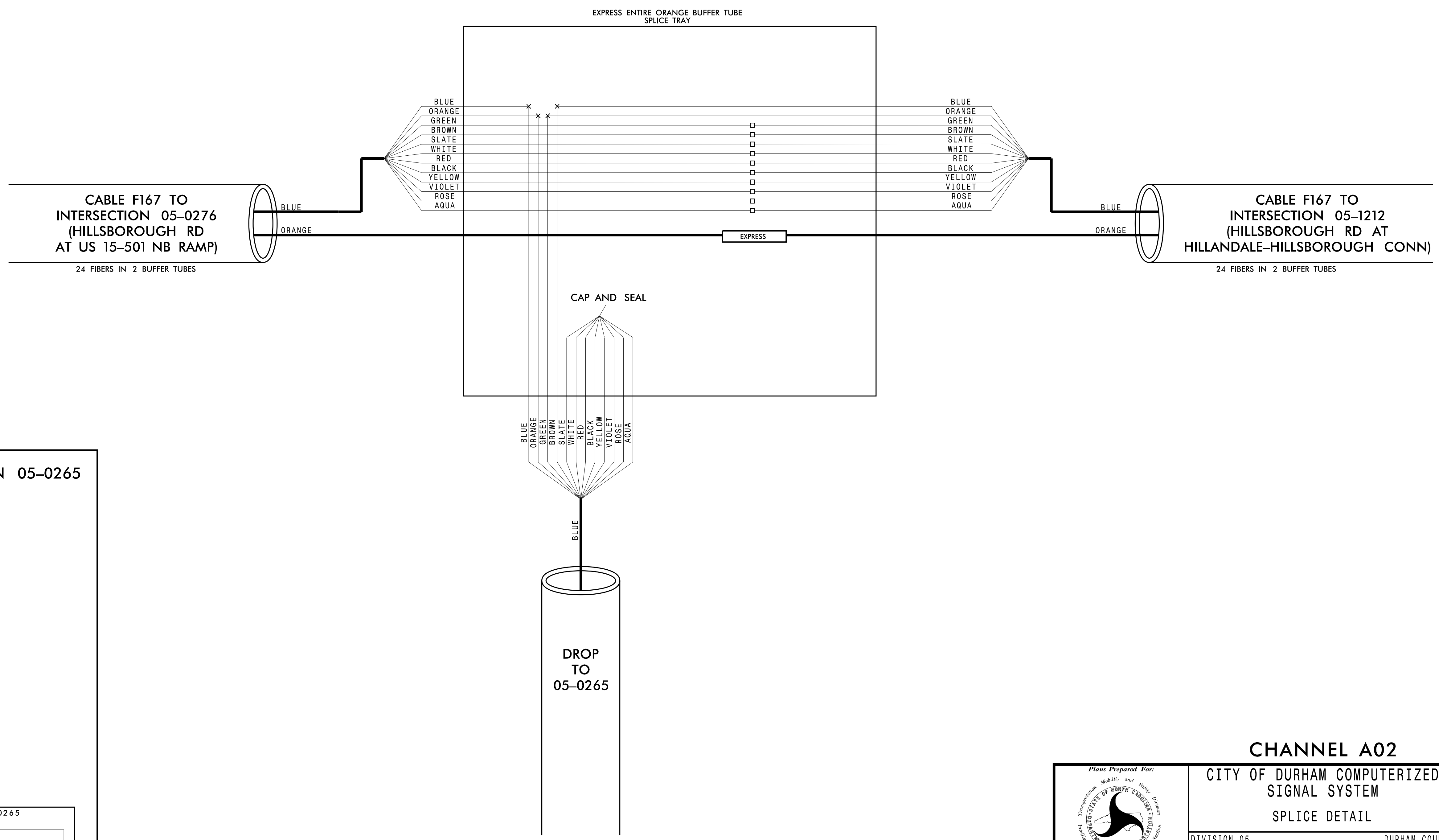
LEGEND

X - FUSION SPLICE INDIVIDUAL FIBER
 O - EXISTING SPLICE
 □ - EXPRESS INDIVIDUAL FIBER

EXPRESS - EXPRESS ENTIRE BUFFER TUBE
 SPLICE - SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED

NOTES:

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CHANNEL A02

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

SPLICE DETAIL

DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY: N. MENGELKOCH

PREPARED BY: KHA REVIEWED BY: K. SMITH

| REVISIONS | INIT. | DATE |
|-----------|-------|------|
| | | |

Scale: 0

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Planned Prepared For:
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 Transportation Mobility and Safety Division
 250 N. Greenfield Place, Garner, NC 27529

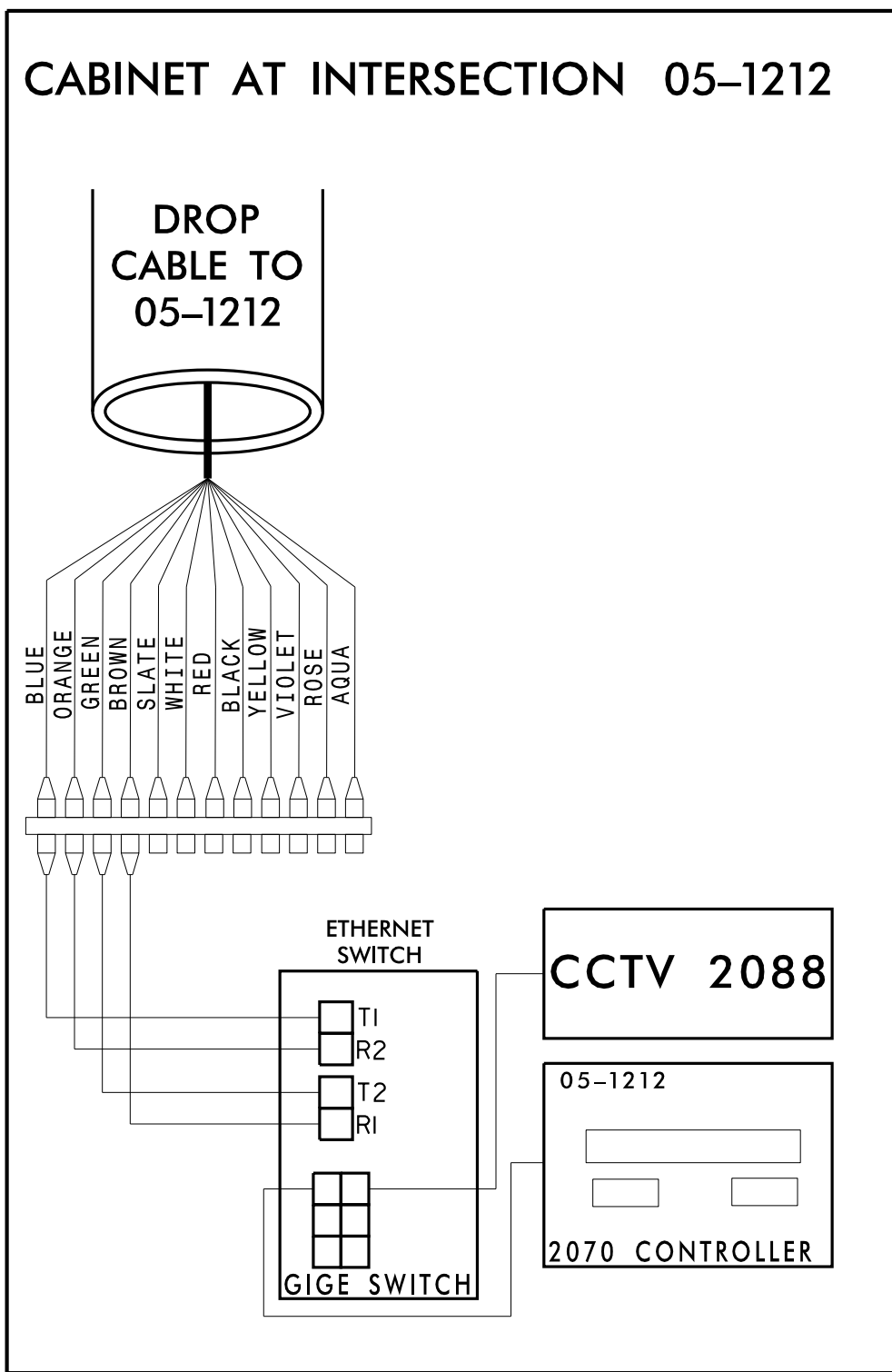
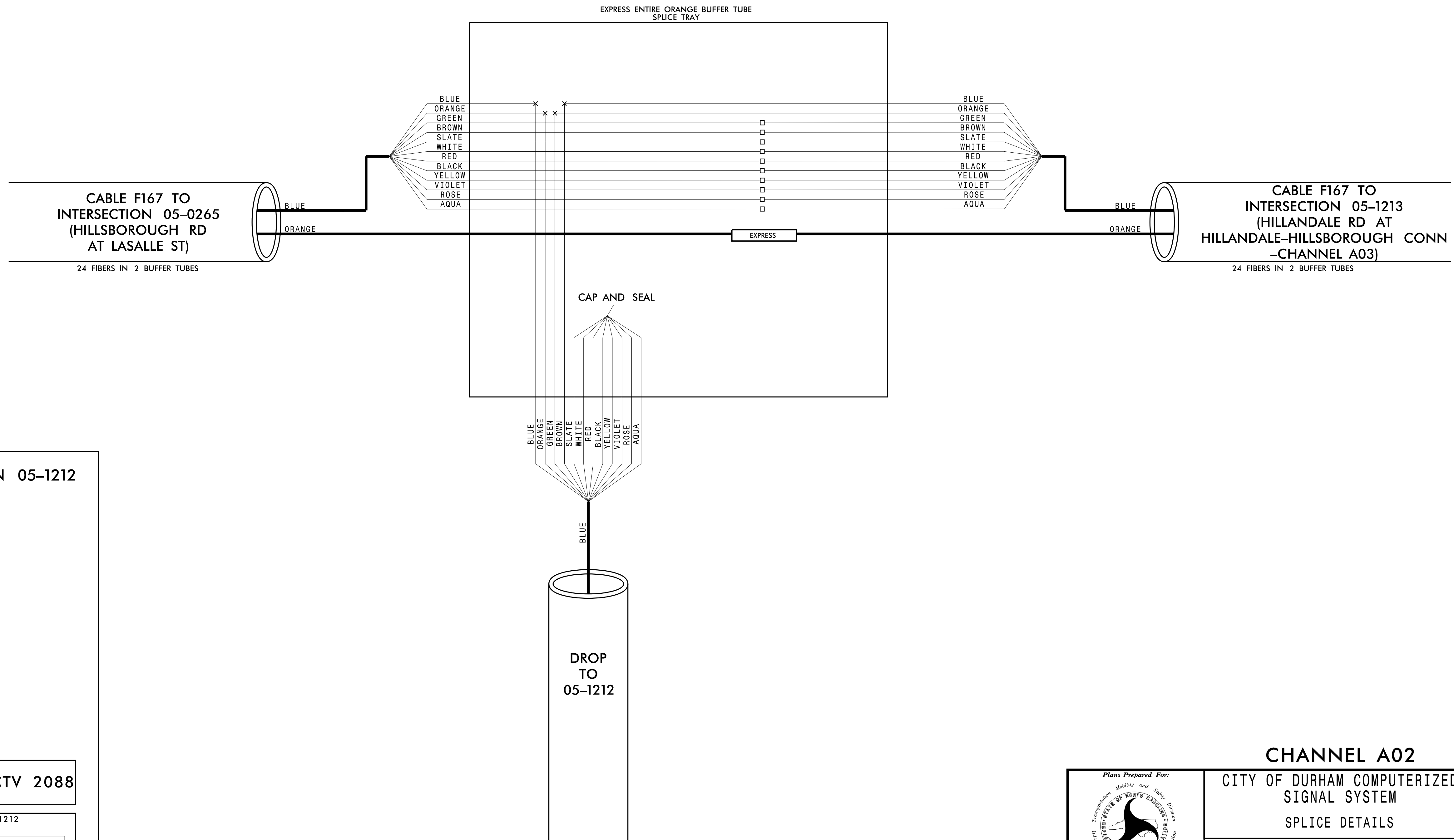
SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 KEVIN W. SMITH
 SEAL 030472
 Documented by: KEVIN W. SMITH 12/19/2018
 CADD Filename:

12/17/2018 K:\ARL\TPTD\ITS\0103640 - Durham Signal System\Plans\Splicing\U-5968_ITS_spl_CHA02_027_05-0265.dgn

**CHANNEL A02
 SPLICE ENCLOSURE AT
 (HILLSBOROUGH RD AT
 HILLANDALE-HILLSBOROUGH CONN)
 SIG ID 05-1212
 CCTV 2088**

| COLOR CODE TIA/EIA 598-C | | LEGEND | |
|-----------------------------|-------------|---------|---|
| (1) BLUE | (7) RED | X | FUSION SPLICE INDIVIDUAL FIBER |
| (2) ORANGE | (8) BLACK | O | EXISTING SPLICE |
| (3) GREEN | (9) YELLOW | □ | EXPRESS INDIVIDUAL FIBER |
| (4) BROWN | (10) VIOLET | EXPRESS | EXPRESS ENTIRE BUFFER TUBE |
| (5) SLATE | (11) ROSE | SPLICE | SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED |
| (6) WHITE | (12) AQUA | | |

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CHANNEL A02

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

SPLICE DETAILS

| | | | |
|---------------------|----------------------------|---|------|
| DIVISION 05 | | DURHAM COUNTY | |
| PLAN DATE: DEC 2018 | REVIEWED BY: N. MENGELKOCH | SEAL NORTH CAROLINA PROFESSIONAL ENGINEER KEVIN W. SMITH SEAL 030472 | |
| PREPARED BY: KHA | REVIEWED BY: K. SMITH | DocuSigned by: KEVIN W. SMITH 12/19/2018 | |
| REVISIONS | INIT. | DATE | DATE |

CADD Filename: _____

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12/19/2018 K:\ARL\TPTD\ITS\0103640 - Durham Signal System\Plans\Splicing\U-5968 - ITS-spl_CHA02_027A_05-1212.dgn

**CHANNEL A02
SPLICE ENCLOSURE AT
(NC 751 AT HILLSBOROUGH RD)
SIG ID 07-0886**

COLOR CODE
TIA/EIA 598-C

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

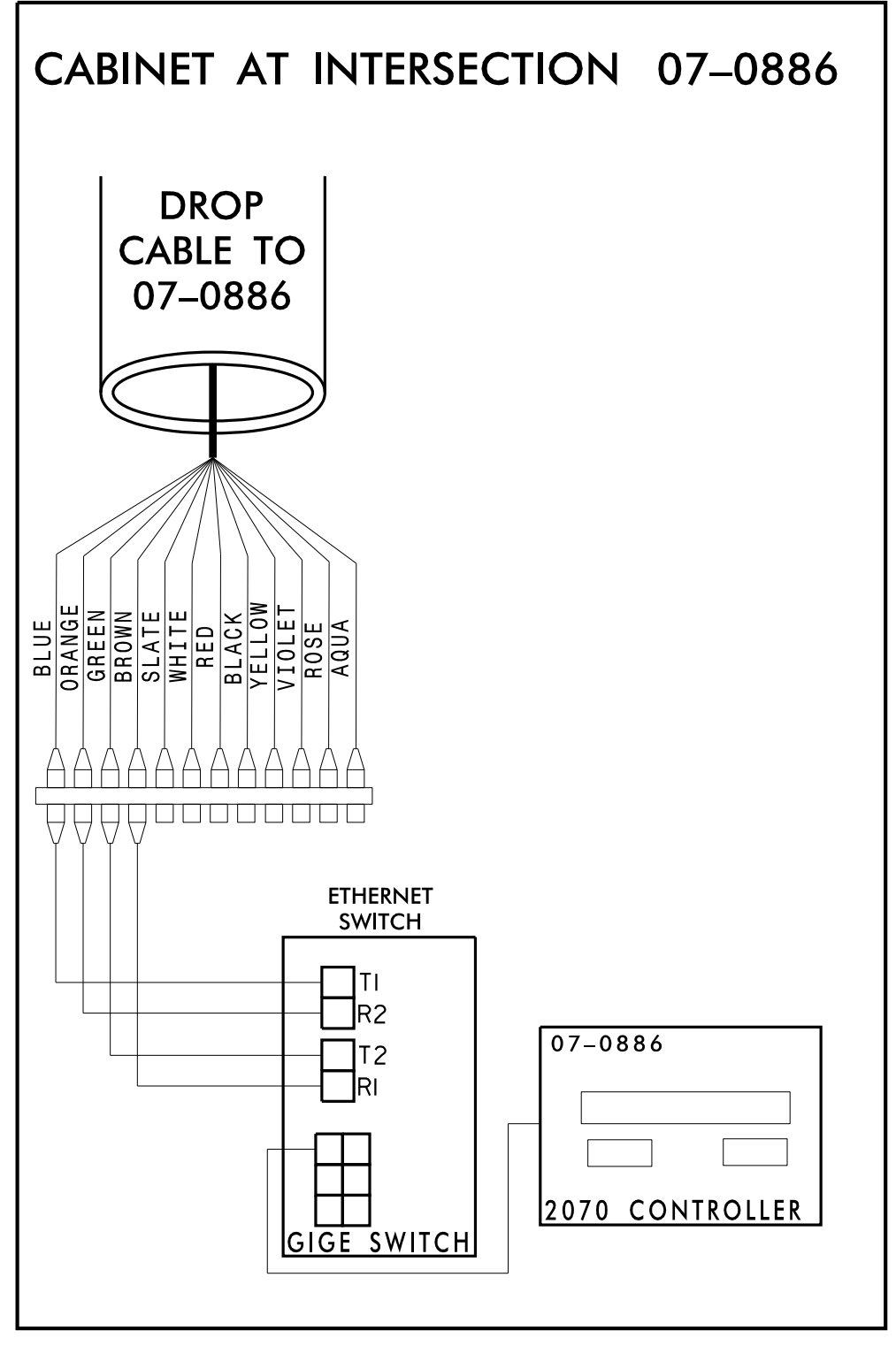
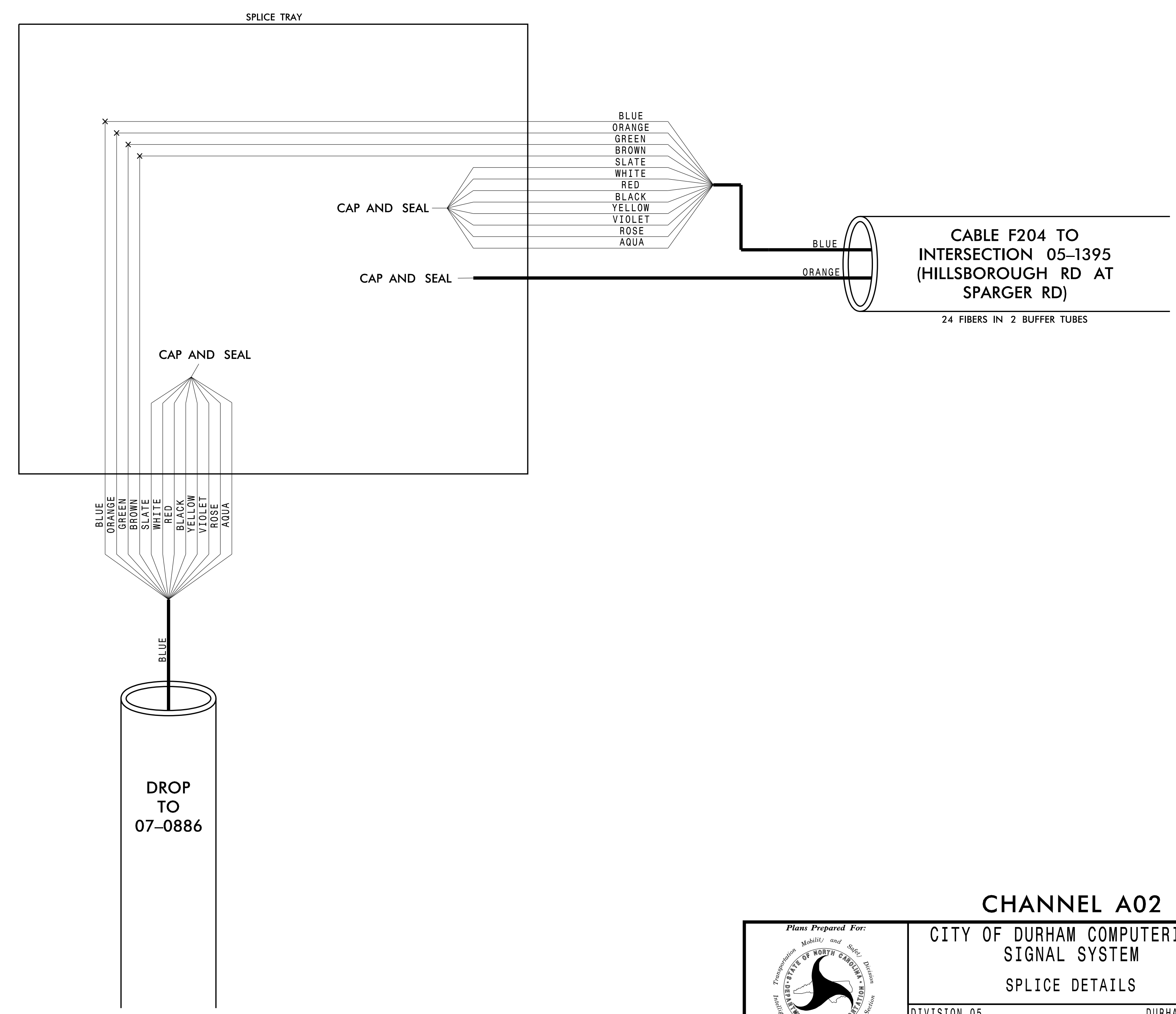
LEGEND

X - FUSION SPLICE INDIVIDUAL FIBER
 O - EXISTING SPLICE
 □ - EXPRESS INDIVIDUAL FIBER

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CHANNEL A02

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM
SPLICE DETAILS

DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY: N. MENGELKOCH
 PREPARED BY: KHA REVIEWED BY: K. SMITH

| REVISIONS | INIT. | DATE |
|-----------|-------|------|
| | | |

Scale: 0

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Seal: NORTH CAROLINA PROFESSIONAL ENGINEER KEVIN W. SMITH SEAL 030472
 Documented by: Kevin Smith 12/19/2018
 CADD Filename:

12/19/2018 K:\ARL_TPTD_ITS\01036410 - Durham Signal System\Plans\Splicing\U-5968_ITS_spl_CHA02_028_07-0886.dgn

**CHANNEL A02
SPLICE ENCLOSURE AT
(HILLSBOROUGH RD AT SPARGER RD)
SIG ID 05-1395**

COLOR CODE
TIA/EIA 598-C

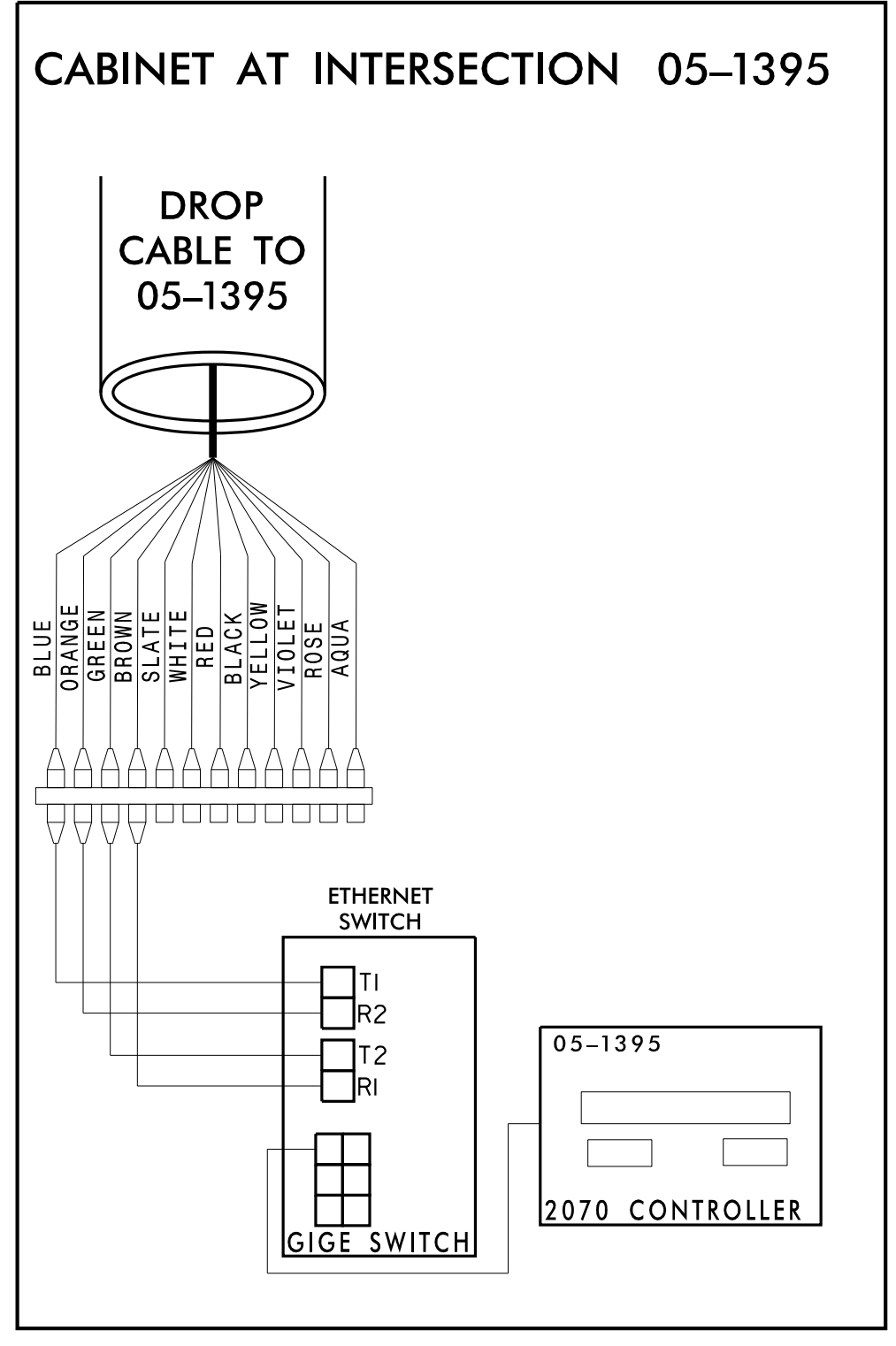
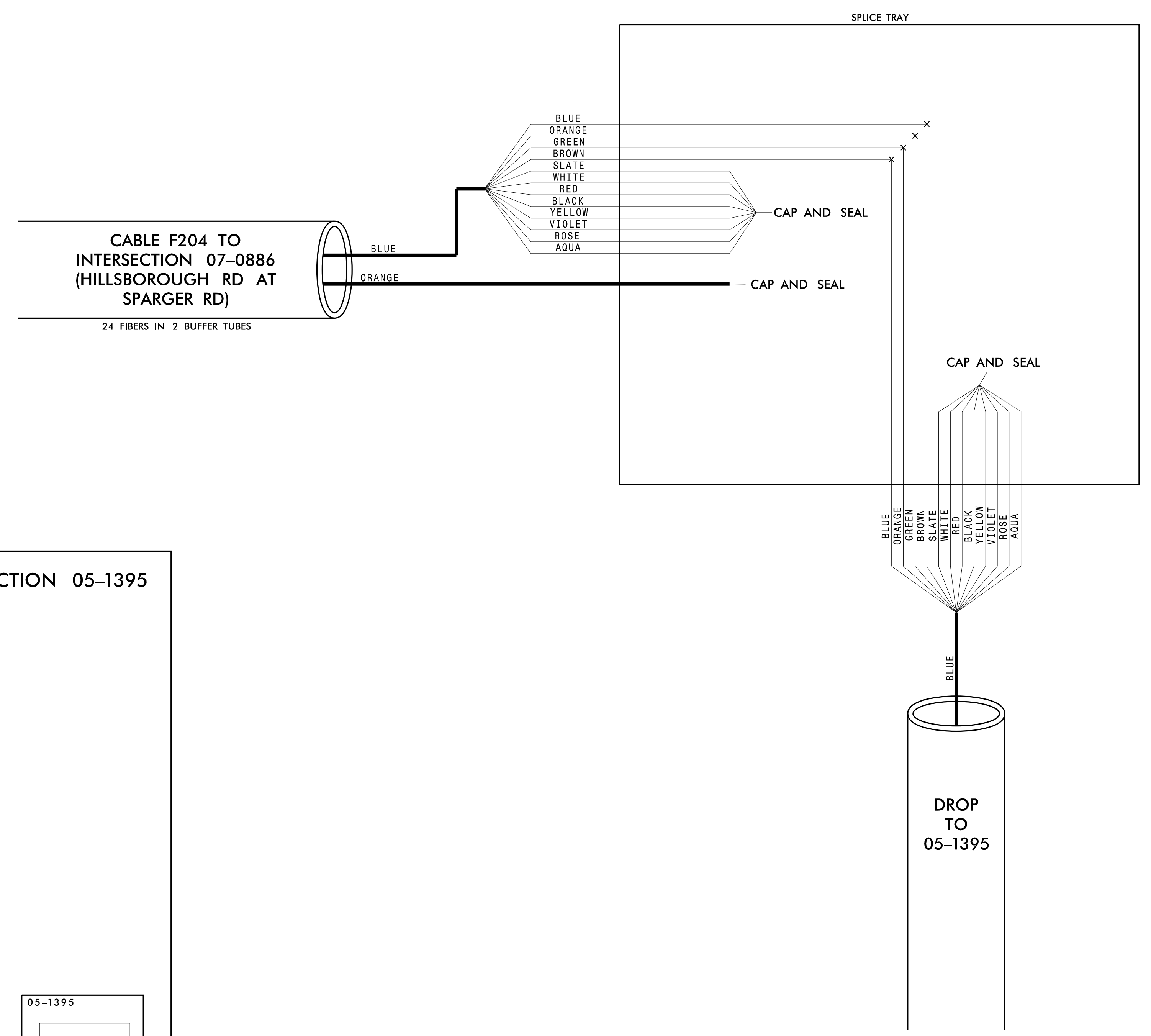
| | |
|------------|-------------|
| (1) BLUE | (7) RED |
| (2) ORANGE | (8) BLACK |
| (3) GREEN | (9) YELLOW |
| (4) BROWN | (10) VIOLET |
| (5) SLATE | (11) ROSE |
| (6) WHITE | (12) AQUA |

LEGEND

X - FUSION SPLICE INDIVIDUAL FIBER
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 □ - EXPRESS INDIVIDUAL FIBER

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CHANNEL A02

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

SPLICE DETAILS

SEAL

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
KEVIN W. SMITH
SEAL 030472

Plans Prepared For:
 DIVISION 05 DURHAM COUNTY
 PLAN DATE: DEC 2018 REVIEWED BY: N. MENGELKOCH
 PREPARED BY: KHA REVIEWED BY: K. SMITH

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 Fax: (919) 677-2050

SCALE
 0

| REVISIONS | INIT. | DATE |
|-----------|-------|------|
| | | |

DocuSigned by:
 Kevin W. Smith
 12/19/2018
 DATE

CADD Filename:

12/19/2018 K:\ARL_TPTD_ITS\01036410 - Durham Signal System\Plans\Splicing\U-5968_ITS_spl_CHA02_028A_05-1395.dgn

**CHANNEL A03
SPLICE ENCLOSURE AT
(HILLSBOROUGH RD AT
OAKLAND AV /TRENT DR)
SIG ID 05-0254**

**COLOR CODE
TIA/EIA 598-C**

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

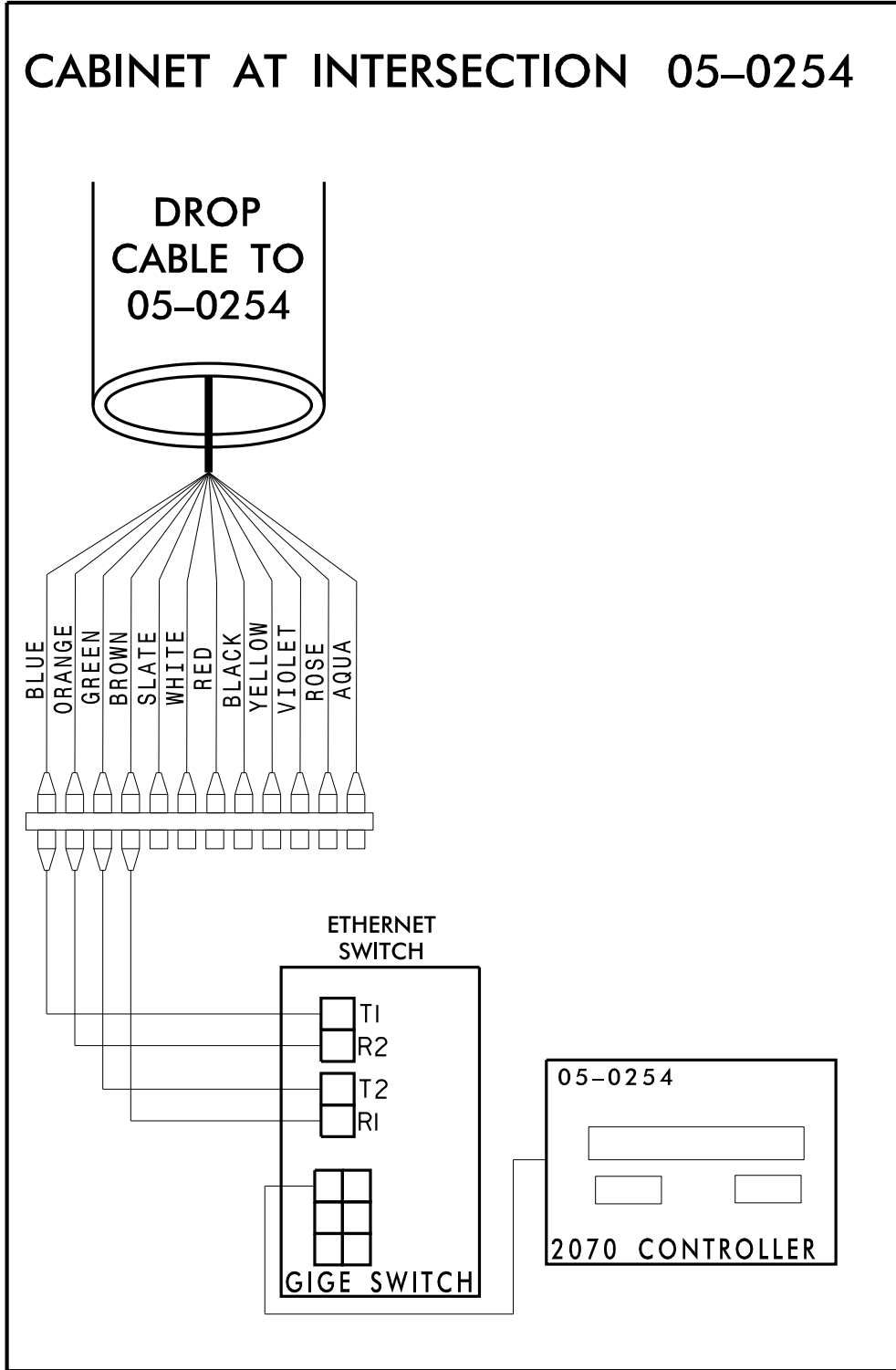
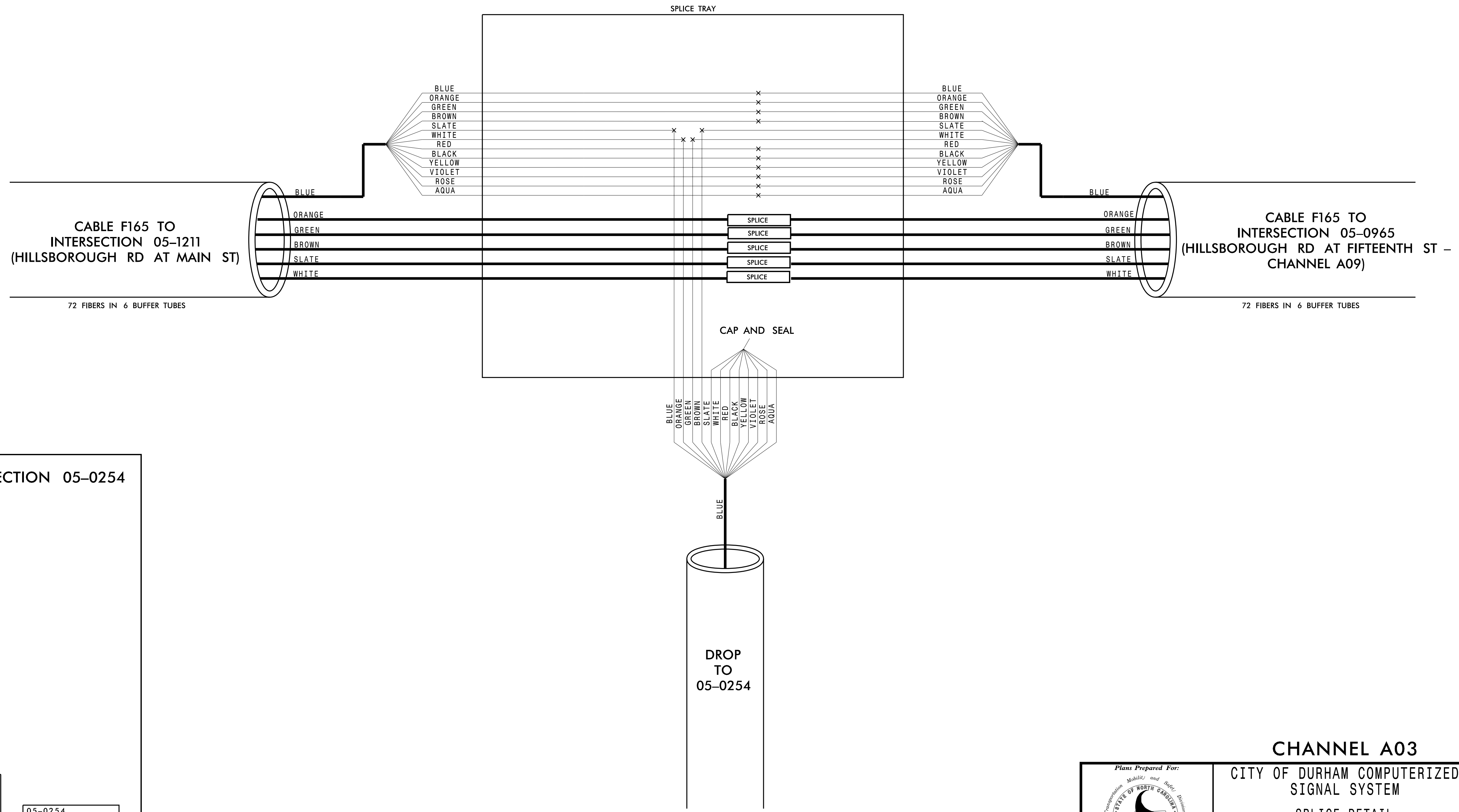
LEGEND

X - FUSION SPLICE INDIVIDUAL FIBER
 O - EXISTING SPLICE
 □ - EXPRESS INDIVIDUAL FIBER

EXPRESS - EXPRESS ENTIRE BUFFER TUBE
 SPLICE - SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED

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**CHANNEL A03
CITY OF DURHAM COMPUTERIZED
SIGNAL SYSTEM
SPLICE DETAIL**

Division 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY: N. MENGELKOCH

PREPARED BY: KHA REVIEWED BY: K. SMITH

| REVISIONS | INIT. | DATE |
|-----------|-------|------|
| | | |

Scale: 0

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Seal: NORTH CAROLINA PROFESSIONAL ENGINEER KEVIN W. SMITH SEAL 030472

DocuSigned by: KEVIN W. SMITH 12/19/2018

12/17/2018 K:\ARL_TPTD_ITS\0103640 - Durham Signal System\Plans\Splicing\U-5968_ITS_spl_CHA03_029_05-0254.dgn