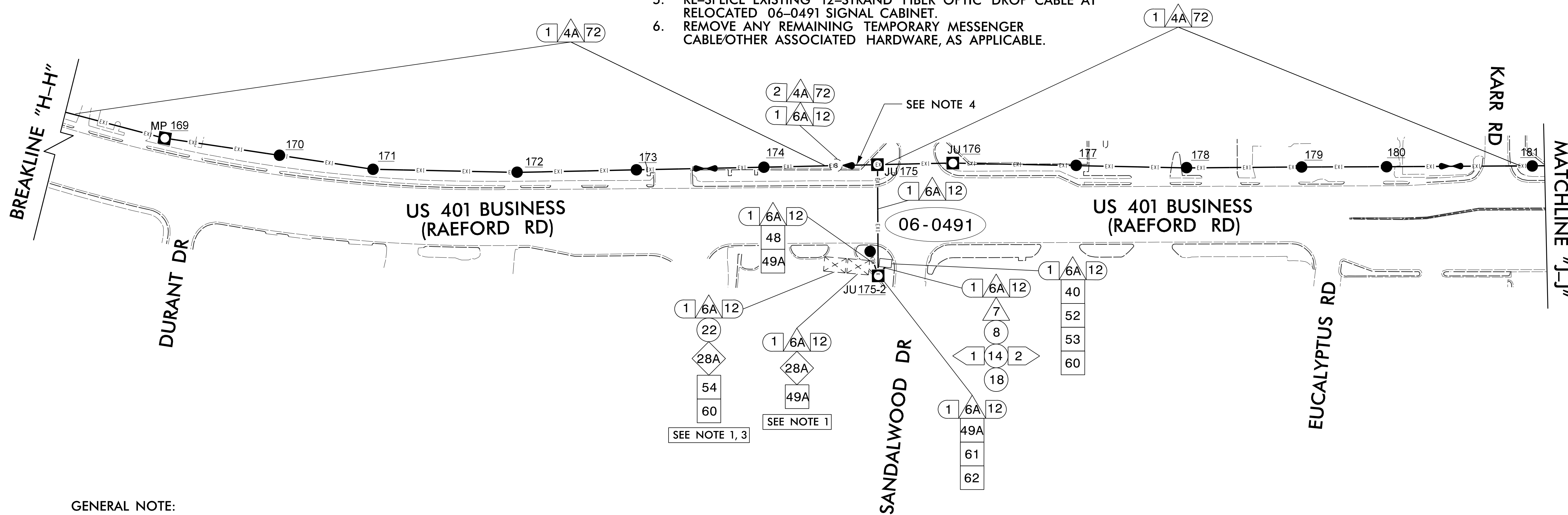


06-0491 BACK PULL AND RECONNECT STEPS:

1. DISCONNECT EXISTING 12-STRAND FIBER OPTIC DROP CABLE FROM EXISTING 06-0491 SIGNAL CABINET.
2. UNLASH EXISTING 12-STRAND FIBER OPTIC DROP CABLE FROM EXISTING TEMPORARY MESSENGER CABLE SLACK LINE. PULL DROP CABLE FROM EXISTING CABINET TO EXISTING JOINT-USE POWER POLE(#175-2).
3. RELOCATE EXISTING CABINET, CONTROLLER, & ETHERNET SWITCH ONTO NEW CABINET FOUNDATION.
4. REINSTALL/REROUTE EXISTING DROP CABLE THROUGH JOINT-USE POWER POLE (#175-2) TO RELOCATED CABINET.
5. RE-SPLICE EXISTING 12-STRAND FIBER OPTIC DROP CABLE AT RELOCATED 06-0491 SIGNAL CABINET.
6. REMOVE ANY REMAINING TEMPORARY MESSENGER CABLE/OTHER ASSOCIATED HARDWARE, AS APPLICABLE.



GENERAL NOTE:

FIVE (5) DAYS BEFORE BEGINNING ANY WORK ON THE SIGNAL COMMUNICATIONS SYSTEM, THE CONTRACTOR SHALL CONTACT THE CITY OF FAYETTEVILLE TRAFFIC SERVICES DIVISION AT 910-433-1660. WORK IS NOT COMPLETE UNTIL ALL MODIFICATIONS TO THE SIGNAL COMMUNICATION SYSTEM HAVE BEEN MADE AND THE SYSTEM IS OPERATIONAL.

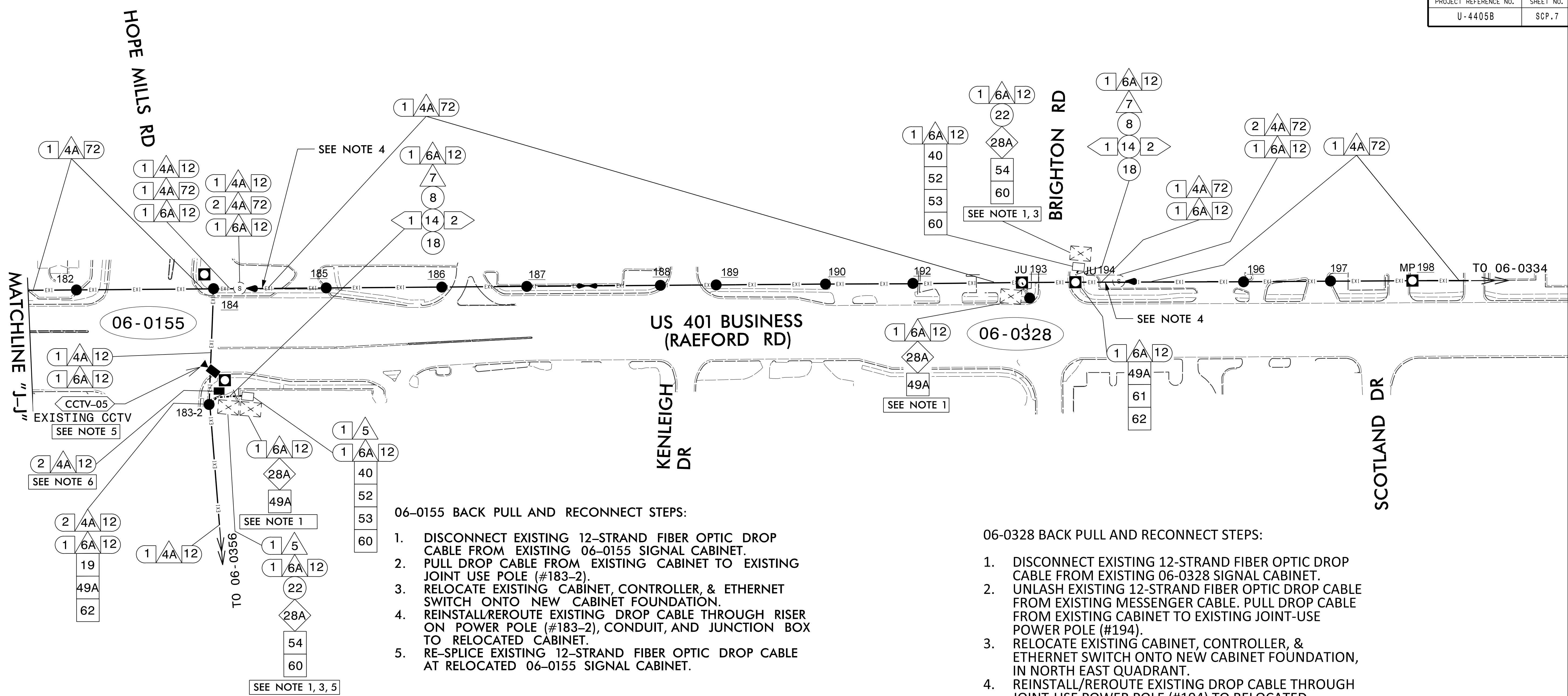
NOTES:

1. AS PART OF TEMPORARY SIGNAL DESIGN 1 (TMP PHASE 1), THE EXISTING CONTROLLER AND CABINET WILL BE RELOCATED TO A NEW CABINET FOUNDATION AND THE EXISTING COMMUNICATION CABLES WILL NEED TO BE BACK-PULLED FROM THE EXISTING CABINET LOCATION AND RECONNECTED AT THE NEW CABINET LOCATION.
2. ALL EXISTING FIBER OPTIC SPLICES WERE INSTALLED BY OTHERS AND ARE ASSUMED TO BE INSTALLED PER THE SPLICING DETAILS (SEE SHEETS SCP-9 TO SCP-15). IF ANY DESCREPARNCIES ARE NOTED, CONTACT DIVISION AND/OR CITY ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
3. EXISTING CABINET RELOCATED ONTO NEW CABINET FOUNDATION.
4. EXISTING JOINT USE POLE WITH EXISTING SPARE COILED DROP CABLE. STORE EXTRA DROP CABLE IN JUNCTION BOX AND/OR CABINET.

TEMPORARY SIGNAL DESIGN 1 (TMP PHASE 1)

<p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>		<p>COMMUNICATIONS CABLE / CONDUIT ROUTING PLANS</p>								
		<p>DIVISION 06 CUMBERLAND CO. FAYETTEVILLE</p>	<p>PLAN DATE: AUGUST 2024 REVIEWED BY: R. MUNCEY</p>							
		<p>PREPARED BY: L. OVERN</p>	<p>REVIEWED BY: L. OVERN</p>							
		<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE					
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- 06-0155 BACK PULL AND RECONNECT STEPS:**
1. DISCONNECT EXISTING 12-STRAND FIBER OPTIC DROP CABLE FROM EXISTING 06-0155 SIGNAL CABINET.
 2. PULL DROP CABLE FROM EXISTING CABINET TO EXISTING JOINT USE POLE (#183-2).
 3. RELOCATE EXISTING CABINET, CONTROLLER, & ETHERNET SWITCH ONTO NEW CABINET FOUNDATION.
 4. REINSTALL/REROUTE EXISTING DROP CABLE THROUGH RISER ON POWER POLE (#183-2), CONDUIT, AND JUNCTION BOX TO RELOCATED CABINET.
 5. RE-SPLICE EXISTING 12-STRAND FIBER OPTIC DROP CABLE AT RELOCATED 06-0155 SIGNAL CABINET.

- 06-0328 BACK PULL AND RECONNECT STEPS:**
1. DISCONNECT EXISTING 12-STRAND FIBER OPTIC DROP CABLE FROM EXISTING 06-0328 SIGNAL CABINET.
 2. UNLASH EXISTING 12-STRAND FIBER OPTIC DROP CABLE FROM EXISTING MESSANGER CABLE. PULL DROP CABLE FROM EXISTING CABINET TO EXISTING JOINT-USE POWER POLE (#194).
 3. RELOCATE EXISTING CABINET, CONTROLLER, & ETHERNET SWITCH ONTO NEW CABINET FOUNDATION, IN NORTH EAST QUADRANT.
 4. REINSTALL/REROUTE EXISTING DROP CABLE THROUGH JOINT-USE POWER POLE (#194) TO RELOCATED CABINET.
 5. RE-SPLICE EXISTING 12-STRAND FIBER OPTIC DROP CABLE AT RELOCATED 06-0328 SIGNAL CABINET.
 6. REMOVE ANY REMAINING MESSANGER CABLE/OTHER ASSOCIATED HARDWARE, AS APPLICABLE.

GENERAL NOTE:

FIVE (5) DAYS BEFORE BEGINNING ANY WORK ON THE SIGNAL COMMUNICATIONS SYSTEM, THE CONTRACTOR SHALL CONTACT THE CITY OF FAYETTEVILLE TRAFFIC SERVICES DIVISION AT 910-433-1660. WORK IS NOT COMPLETE UNTIL ALL MODIFICATIONS TO THE SIGNAL COMMUNICATION SYSTEM HAVE BEEN MADE AND THE SYSTEM IS OPERATIONAL.

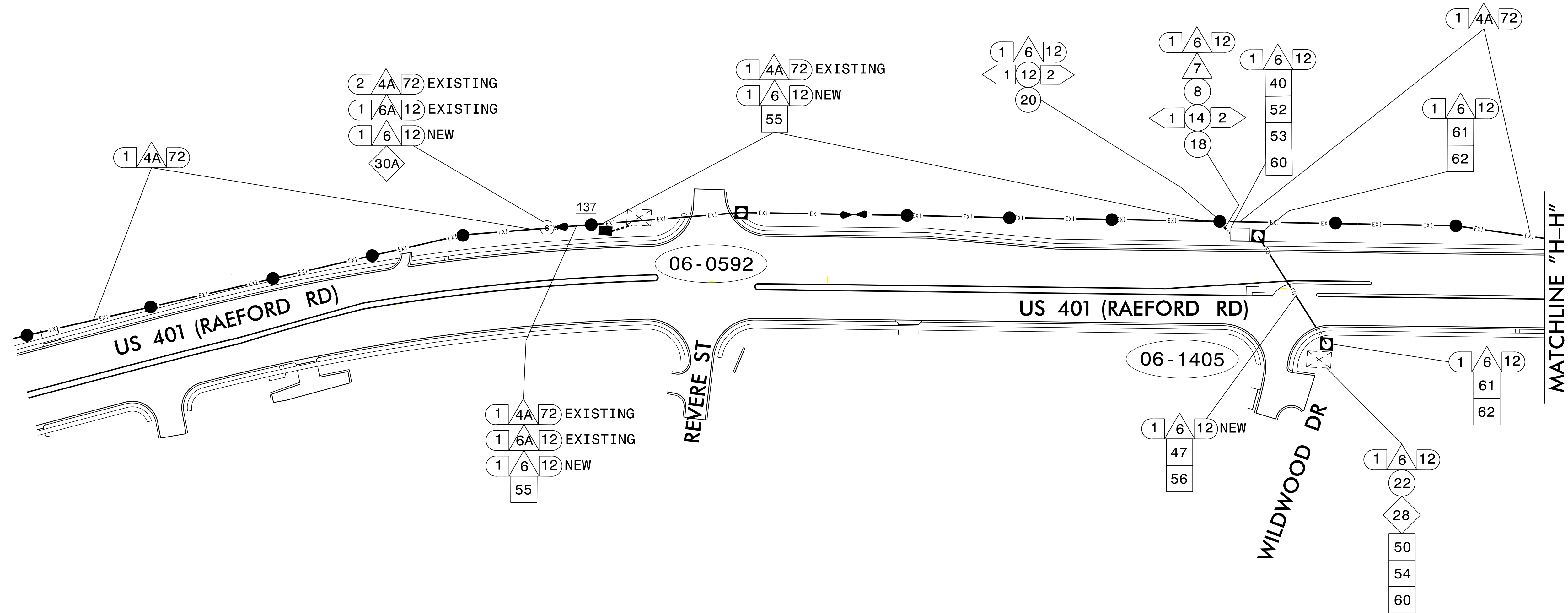
NOTES:

1. AS PART OF TEMPORARY SIGNAL DESIGN 1 (TMP PHASE 1), THE EXISTING CONTROLLER AND CABINET WILL BE RELOCATED TO A NEW CABINET FOUNDATION AND THE EXISTING COMMUNICATION CABLES WILL NEED TO BE BACK-PULLED FROM THE EXISTING CABINET LOCATION AND RECONNECTED AT THE NEW CABINET LOCATION.
2. ALL EXISTING FIBER OPTIC SPLICES WERE INSTALLED BY OTHERS AND ARE ASSUMED TO BE INSTALLED PER THE SPLICING DETAILS (SEE SHEETS SCP-9 TO SCP-15). IF ANY DISCREPANCIES ARE NOTED, CONTACT DIVISION AND/OR CITY ENGINEER IMMEDIATELY FOR FURTHER INSTRUCTION.
3. EXISTING CABINET RELOCATED ONTO NEW CABINET FOUNDATION.
4. EXISTING JOINT USE POLE WITH EXISTING SPARE COILED DROP CABLE. STORE EXTRA DROP CABLE IN JUNCTION BOX AND/OR CABINET.
5. THE EXISTING CCTV CAMERA SHALL BE DISCONNECTED FROM THE ETHERNET EDGE SWITCH IN EXISTING CABINET LOCATION AND RECONNECTED TO THE ETHERNET EDGE SWITCH IN NEW CABINET LOCATION VIA NEW CAT 5e/6 PoE CABLE.
6. EXISTING SPLICE OF 12-STRAND FIBER OPTIC CABLE LOCATED IN JUNCTION BOX. SPLICE TO BE MAINTAINED.

TEMPORARY SIGNAL DESIGN 1 (TMP PHASE 1)

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<p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>		<p>COMMUNICATIONS CABLE / CONDUIT ROUTING PLANS</p>									
		<p>DIVISION 06 CUMBERLAND CO. FAYETTEVILLE</p> <p>PLAN DATE: AUGUST 2024 REVIEWED BY: R. MUNCEY</p> <p>PREPARED BY: L. OVERN REVIEWED BY: L. OVERN</p>	<table border="1"> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>		REVISIONS	INIT.	DATE				
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GENERAL NOTE:

FIVE (5) DAYS BEFORE BEGINNING ANY WORK ON THE SIGNAL COMMUNICATIONS SYSTEM, THE CONTRACTOR SHALL CONTACT THE CITY OF FAYETTEVILLE TRAFFIC SERVICES DIVISION AT 910-433-1660. WORK IS NOT COMPLETE UNTIL ALL MODIFICATIONS TO THE SIGNAL COMMUNICATION SYSTEM HAVE BEEN MADE AND THE SYSTEM IS OPERATIONAL.

NOTES:

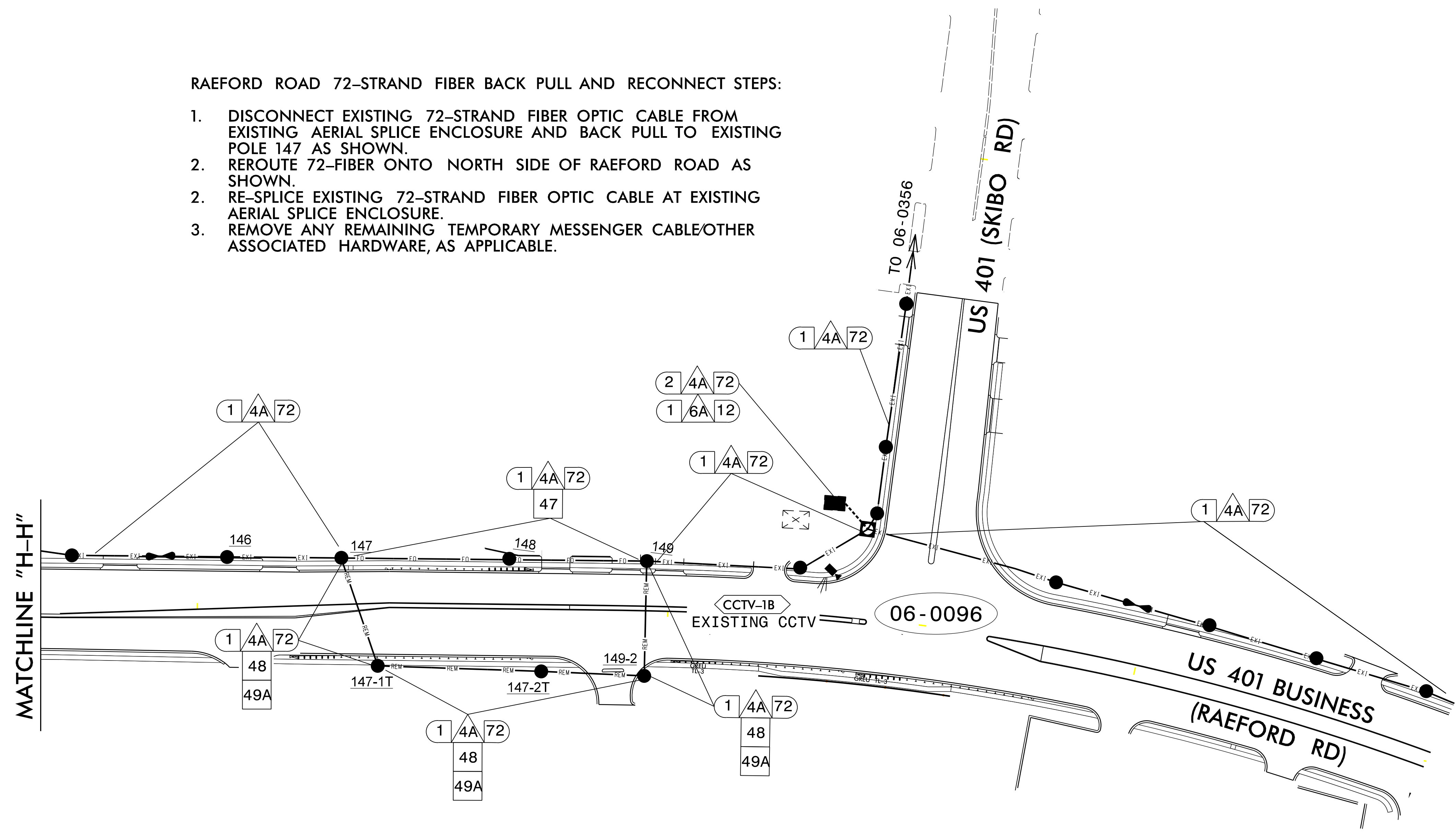
1. ALL EXISTING FIBER OPTIC SPLICES WERE INSTALLED BY OTHERS AND ARE ASSUMED TO BE INSTALLED PER THE SPLICING DETAILS (SEE SHEETS SCP-9 TO SCP-15).

FINAL SIGNAL DESIGN

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		<p>DIVISION 06 CUMBERLAND CO. FAYETTEVILLE PLAN DATE: AUGUST 2024 REVIEWED BY: R. MUNCEY PREPARED BY: L. OVERN REVIEWED BY: L. OVERN</p>	<p>DocuSigned by: <i>Regina M. Muncey</i> 11/11/2024</p>						
<p>750 N. Greenfield Plaza, Garner, NC 27529</p>	<p>SCALE NTS</p>	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				<p>CADD FILE NAME</p>
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RAEFORD ROAD 72-STRAND FIBER BACK PULL AND RECONNECT STEPS:

1. DISCONNECT EXISTING 72-STRAND FIBER OPTIC CABLE FROM EXISTING AERIAL SPLICE ENCLOSURE AND BACK PULL TO EXISTING POLE 147 AS SHOWN.
2. REROUTE 72-FIBER ONTO NORTH SIDE OF RAEFORD ROAD AS SHOWN.
2. RE-SPLICE EXISTING 72-STRAND FIBER OPTIC CABLE AT EXISTING AERIAL SPLICE ENCLOSURE.
3. REMOVE ANY REMAINING TEMPORARY MESSENGER CABLE/OTHER ASSOCIATED HARDWARE, AS APPLICABLE.



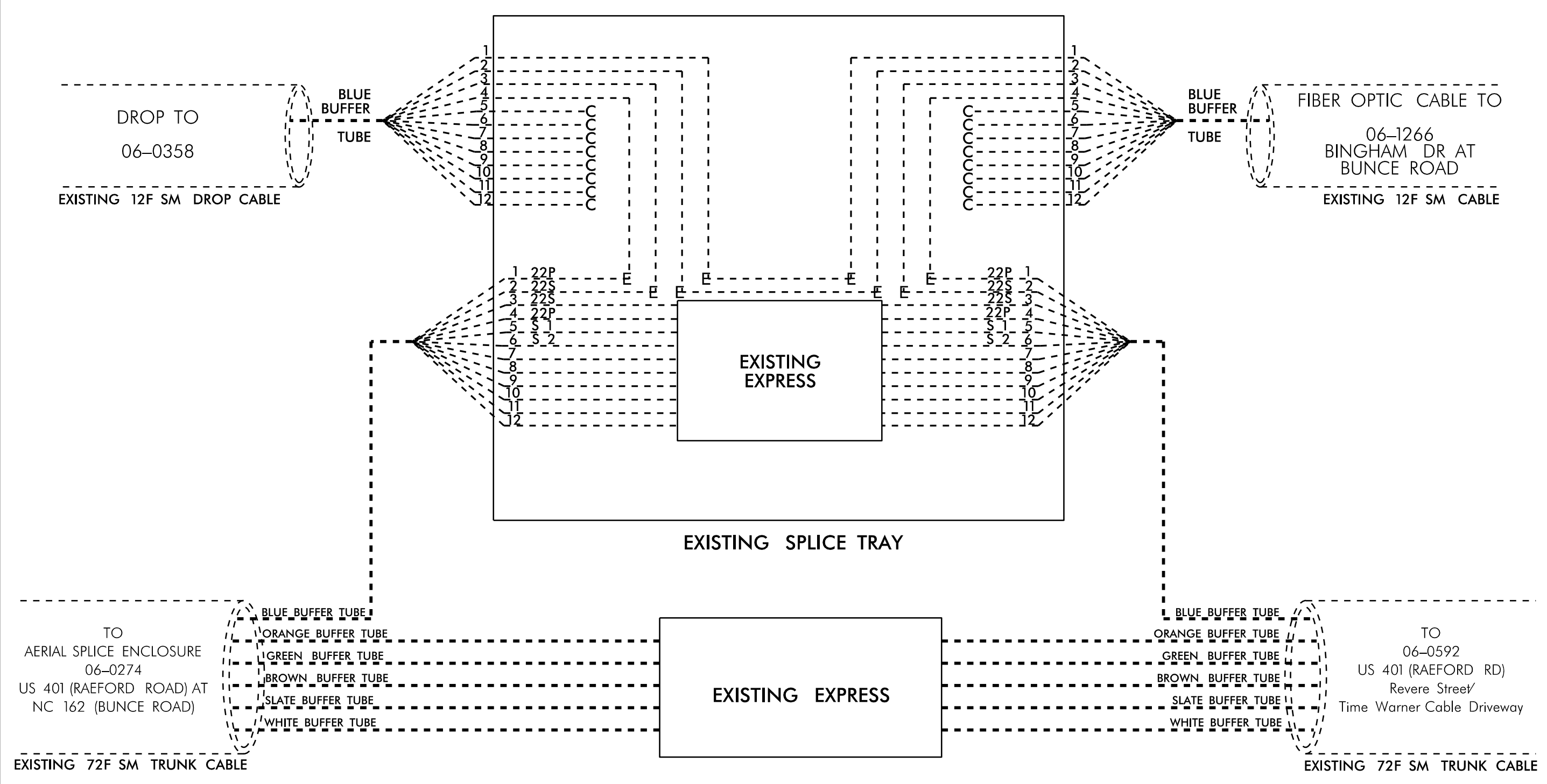
FINAL SIGNAL DESIGN

<p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>		<p>COMMUNICATIONS CABLE / CONDUIT ROUTING PLANS</p>													
		<p>750 N. Greenfield Plaza, Garner, NC 27529</p>	<p>Prepared for the Offices of:</p>		<p>DIVISION 06 CUMBERLAND CO. FAYETTEVILLE</p>	<p>SEAL</p>									
<p>PLAN DATE: AUGUST 2024</p>	<p>REVIEWED BY: R. MUNCEY</p>	<p>PREPARED BY: L. OVERN</p>	<p>REVIEWED BY: L. OVERN</p>	<p>DocuSigned by: <i>Regina M. Muncey</i> SIGNATURE 11/11/2024 DATE</p>											
<p>SCALE: NTS</p>	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				<p>CADD FILE NAME</p>
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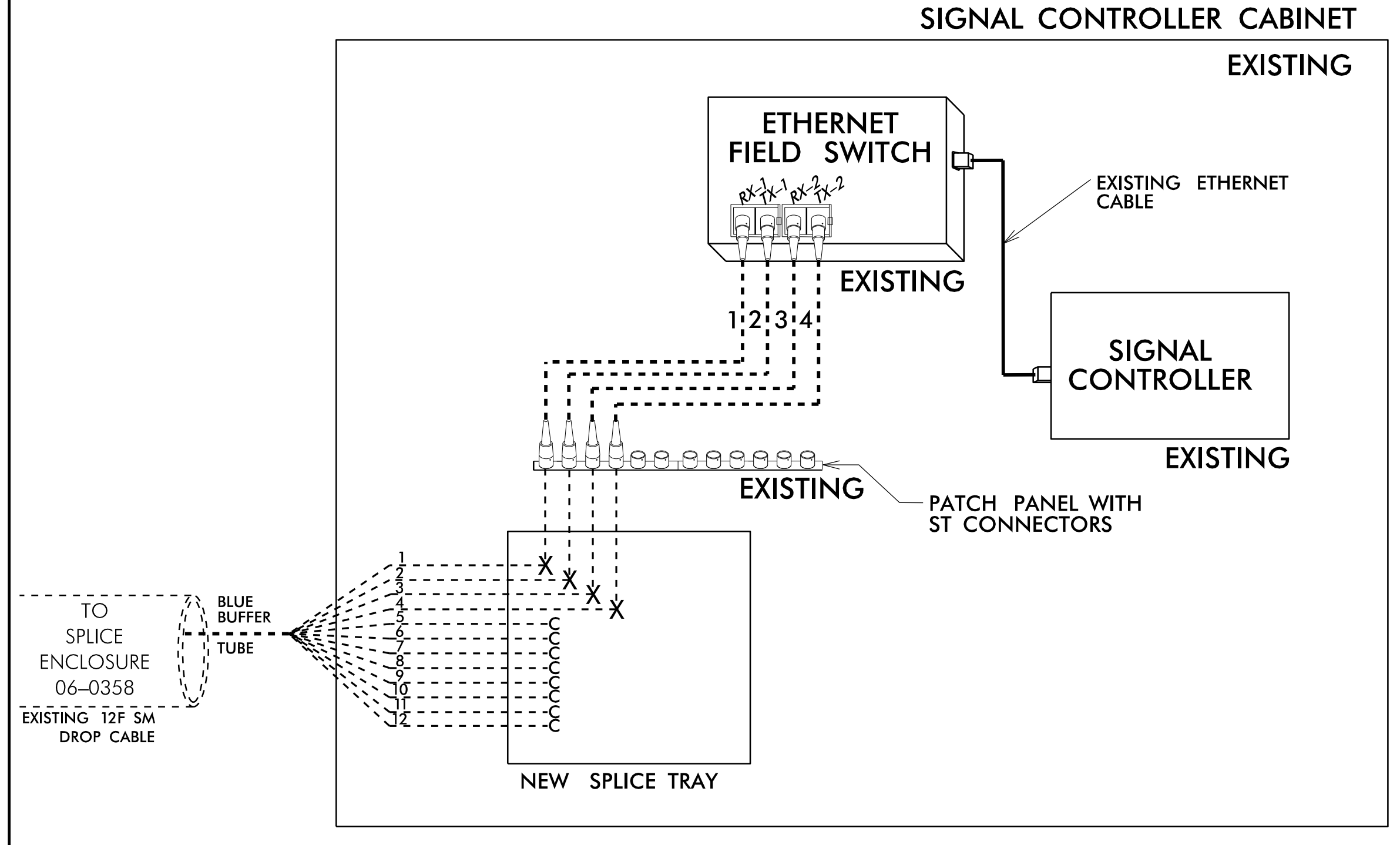
INTERSECTION 06-0358
US 401 (Raeford Road) at
SR 1411 (Bingham Drive)
EXISTING AERIAL SPlice ENCLOSURE

- LEGEND**
- X = FUSION SPICE
 - C = CAP IN TRAY
 - E = EXISTING SPICE
 - EXPRESS = EXPRESS ALL FIBERS/ BUFFER TUBES
 - SPLICE = SPLICE ALL FIBERS/ BUFFER TUBES
- 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



INTERSECTION 06-0358
US 401 (Raeford Road)
at
SR 1411 (Bingham Drive)
EXISTING CONTROLLER SIGNAL CABINET

- LEGEND**
- X = FUSION SPICE
 - C = CAP IN TRAY
 - SM FIBER PATCH CORD WITH CONNECTORS
- COLOR CODE TIA/EIA 598-A**
- (1) BLUE
 - (2) ORANGE
 - (3) GREEN
 - (4) BROWN
 - (5) SLATE
 - (6) WHITE
 - (7) RED
 - (8) BLACK
 - (9) YELLOW
 - (10) VIOLET
 - (11) ROSE
 - (12) AQUA



- 1) FIVE (5) DAYS BEFORE BEGINNING ANY WORK ON THE SIGNAL COMMUNICATIONS SYSTEM, THE CONTRACTOR SHALL CONTACT THE NCDOT DIVISION TRAFFIC ENGINEER (JAMES FLOWERS) AT 910-364-0606. WORK IS NOT COMPLETE UNTIL ALL MODIFICATIONS TO THE SIGNAL COMMUNICATION SYSTEM HAVE BEEN MADE AND THE SYSTEM IS OPERATIONAL.
- 2) 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.
- 3) UNUSED FIBER SHALL BE LEFT COILED AND STORED IN THE SPLICE TRAY.
- 4) UNUSED BUFFER TUBES SHALL BE LEFT COILED AND STORED IN THE SPLICE TRAY.
- 5) ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND ENSURING PROPER TERMINATIONS.

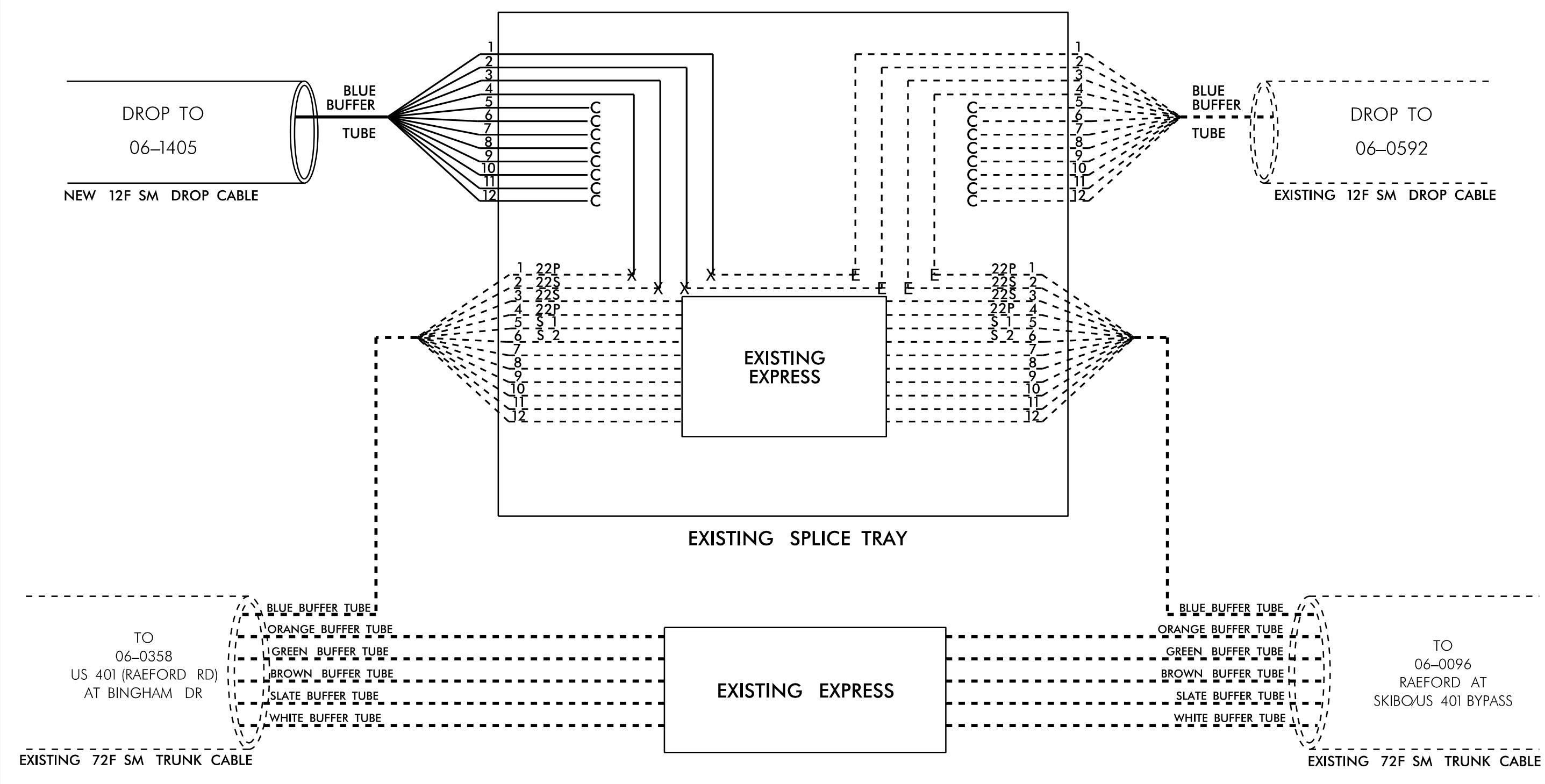
FINAL US 401 (Raeford Road) at SR 1141 (Bingham Drive)

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<p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>		FIBER CABLE SPLICING DETAILS INTERSECTION 06-0358								
		DIVISION 06 CUMBERLAND CO. FAYETTEVILLE PLAN DATE: AUGUST 2024 REVIEWED BY: D. HARRIS PREPARED BY: R. MUNCEY REVIEWED BY: L. OVERN	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				
REVISIONS	INIT.	DATE								
SCALE: NTS	SEAL REGINA M. MUNCEY PROFESSIONAL ENGINEER NORTH CAROLINA License No. 43239 Date: 10/8/2024									

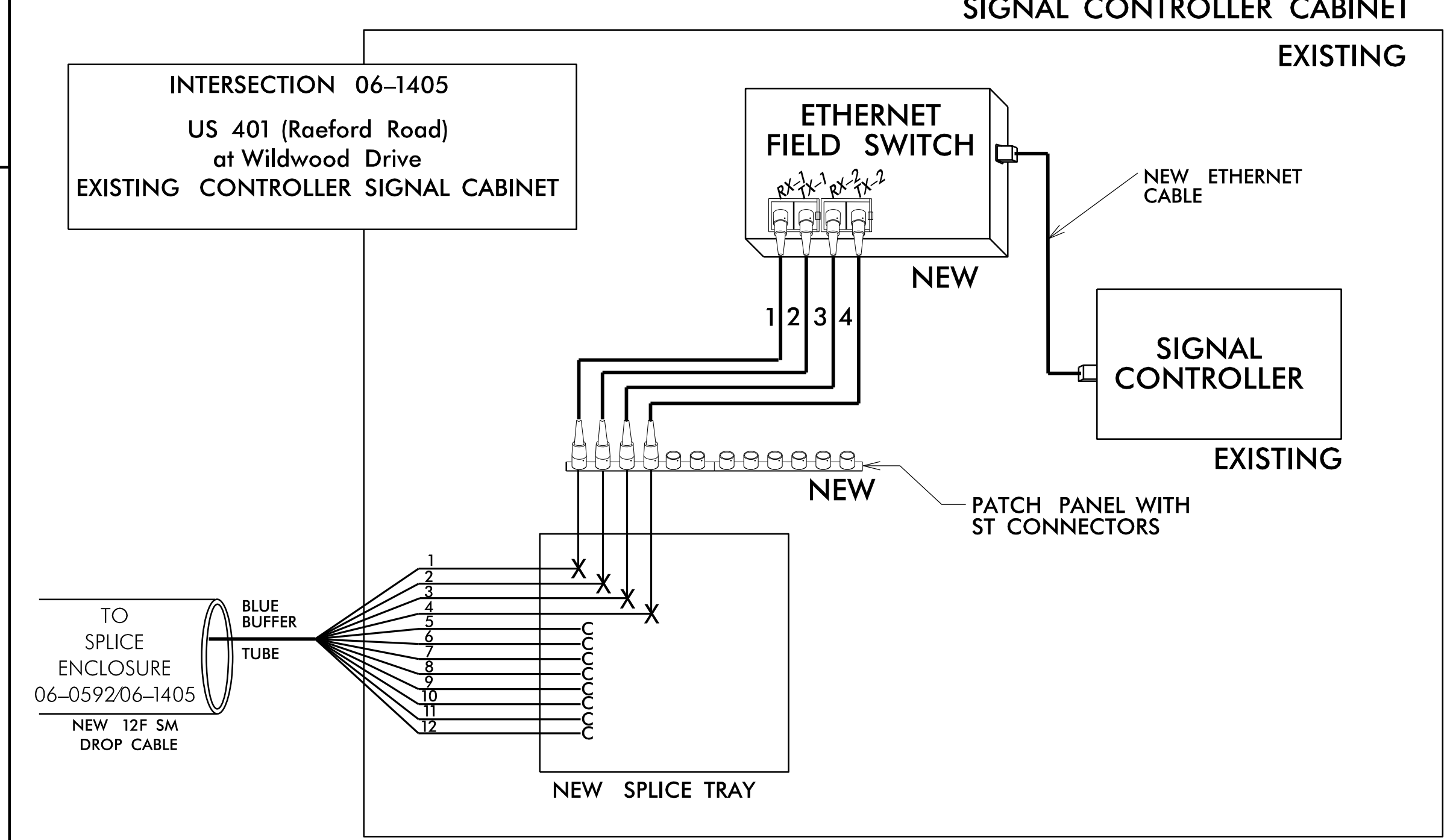
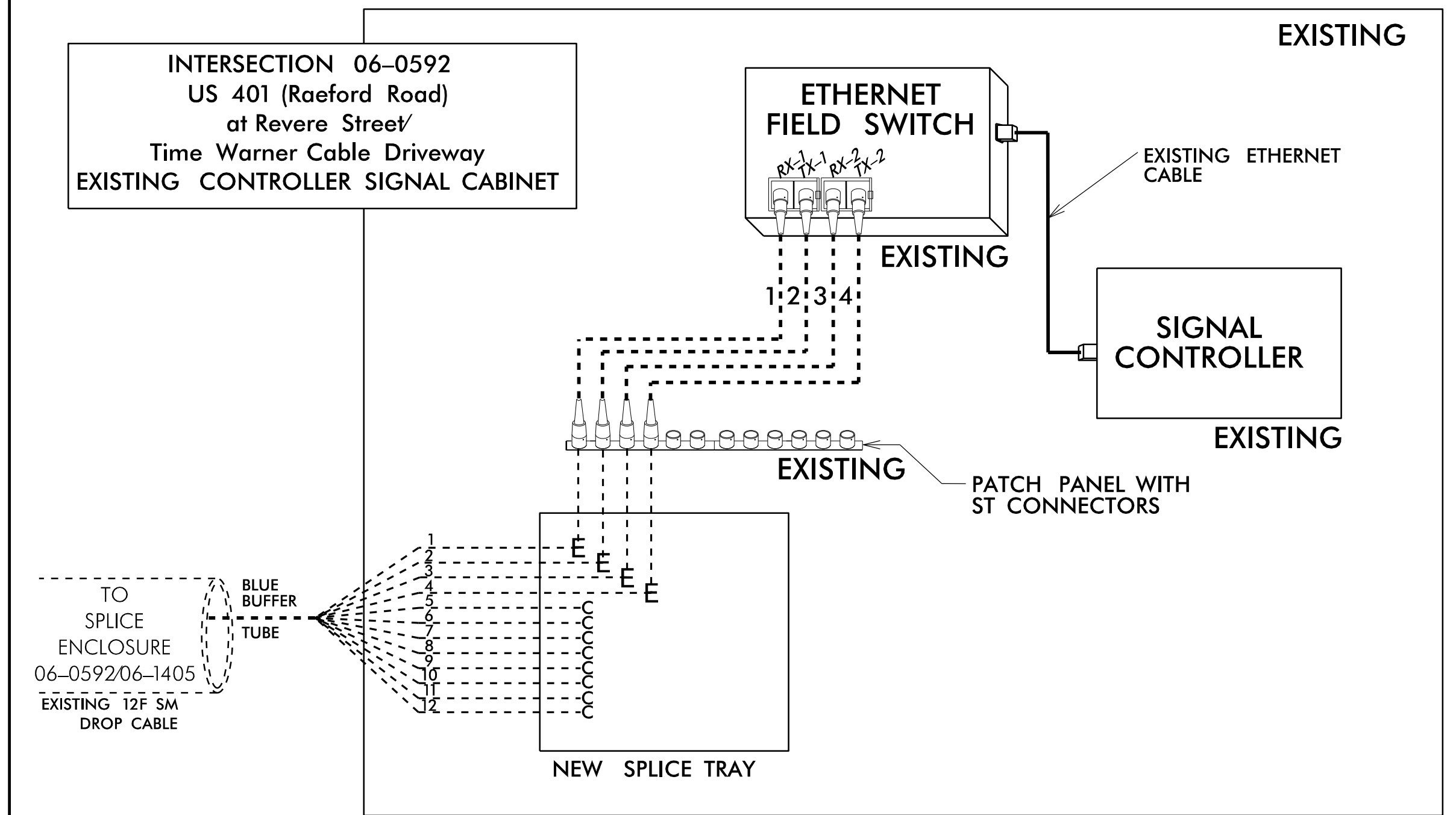
INTERSECTION 06-0592/06-1405
US 401 (Raeford Road)
at Revere Street/
Time Warner Cable Driveway
MODIFY EXISTING AERIAL SPlice ENCLOSURE

- LEGEND**
X = FUSION SPlice
C = CAP IN TRAY
- 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 |



- 1) FIVE (5) DAYS BEFORE BEGINNING ANY WORK ON THE SIGNAL COMMUNICATIONS SYSTEM, THE CONTRACTOR SHALL CONTACT THE NCDOT DIVISION TRAFFIC ENGINEER (JAMES FLOWERS) AT 910-364-0606. WORK IS NOT COMPLETE UNTIL ALL MODIFICATIONS TO THE SIGNAL COMMUNICATION SYSTEM HAVE BEEN MADE AND THE SYSTEM IS OPERATIONAL.
- 2) 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.
- 3) UNUSED FIBER SHALL BE LEFT COILED AND STORED IN THE SPlice TRAY.
- 4) UNUSED BUFFER TUBES SHALL BE LEFT COILED AND STORED IN THE SPlice TRAY.
- 5) ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND ENSURING PROPER TERMINATIONS.

- LEGEND**
X = FUSION SPlice
C = CAP IN TRAY
- SM FIBER PATCH CORD WITH CONNECTORS
- COLOR CODE TIA/EIA 598-A**
- | |
|-------------|
| (1) BLUE |
| (2) ORANGE |
| (3) GREEN |
| (4) BROWN |
| (5) SLATE |
| (6) WHITE |
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| (9) YELLOW |
| (10) VIOLET |
| (11) ROSE |
| (12) AQUA |

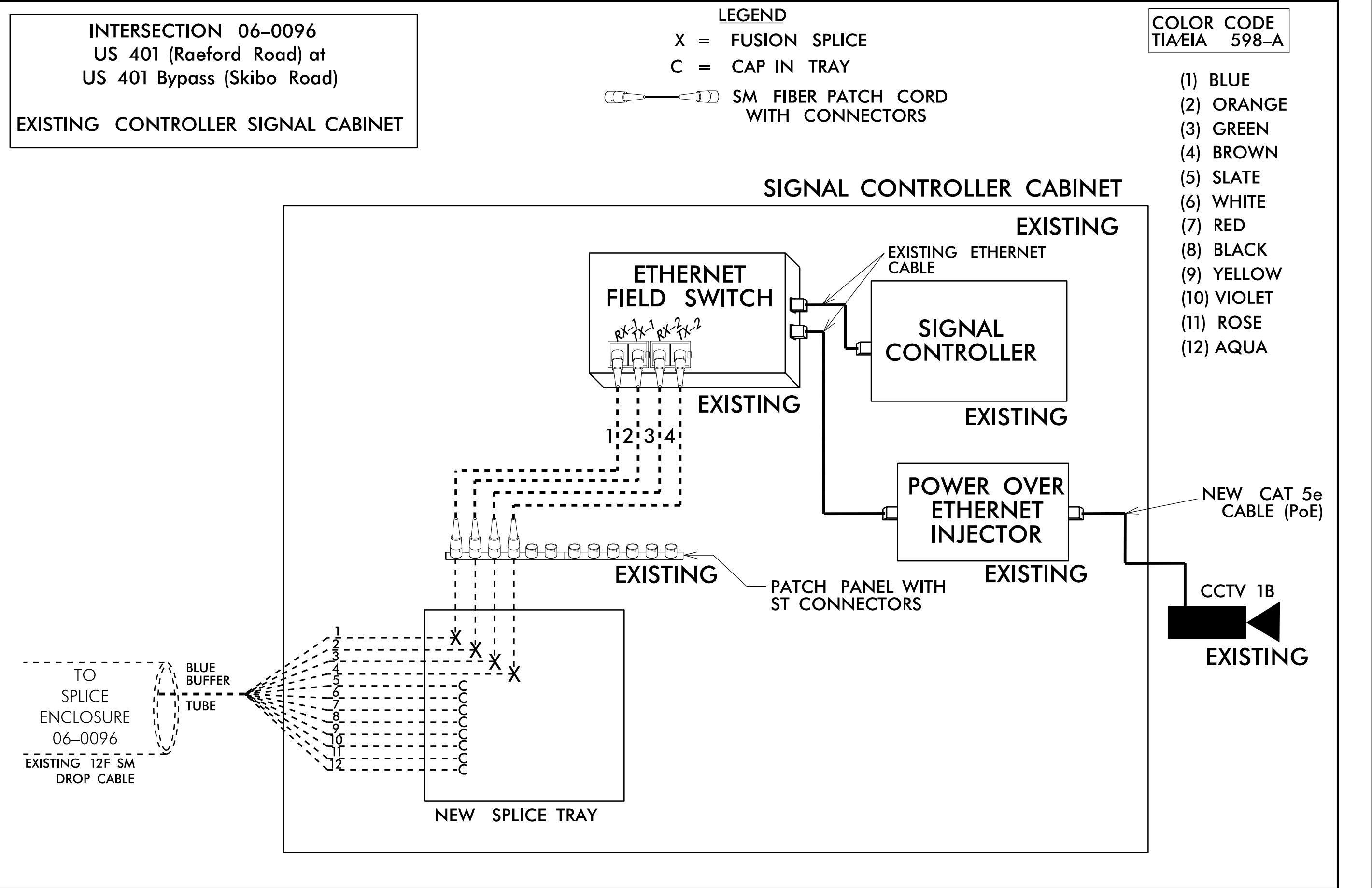
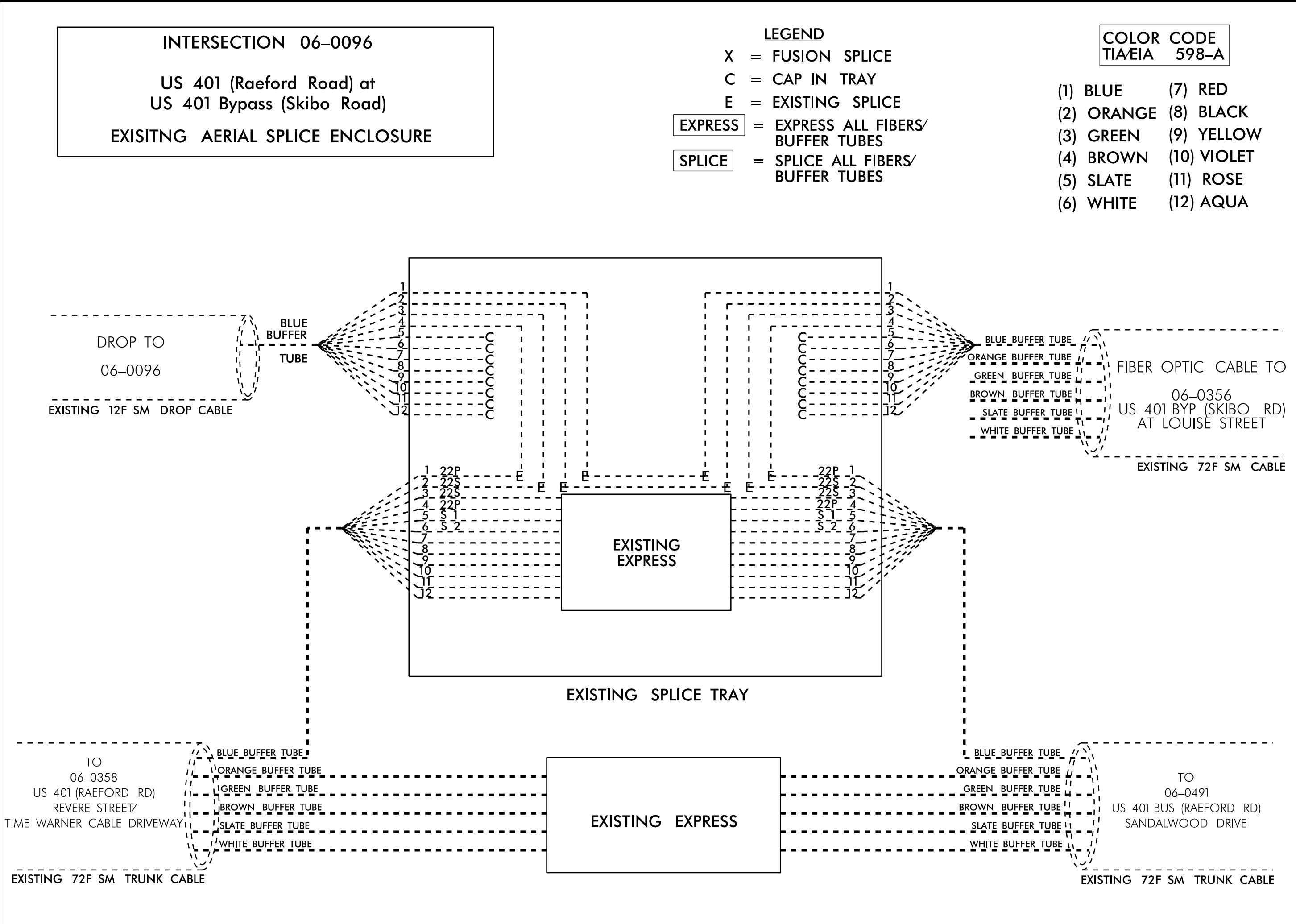


FINAL

US 401 (Raeford Road)
at Revere Street/
Time Warner Cable Driveway

<p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>		<p>FIBER CABLE SPlicing DETAILS INTERSECTION 06-0592</p>	
		<p>Prepared for the Offices of: R. MUNCEY</p>	<p>Prepared for the Offices of: L. OVERN</p>
<p>750 N. Greenfield Plaza, Garner, NC 27529</p>		<p>Division 06 CUMBERLAND CO. FAYETTEVILLE</p>	<p>PLAN DATE: AUGUST 2024 REVIEWED BY: D. HARRIS</p>
<p>SCALE: NTS</p>		<p>PREPARED BY: R. MUNCEY REVIEWED BY: L. OVERN</p>	<p>INIT. DATE</p>
<p>DocuSigned by: Regina M. Muncey 11/12/2024</p>		<p>CADD FILE NAME</p>	

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- 1) FIVE (5) DAYS BEFORE BEGINNING ANY WORK ON THE SIGNAL COMMUNICATIONS SYSTEM, THE CONTRACTOR SHALL CONTACT THE NCDOT DIVISION TRAFFIC ENGINEER (JAMES FLOWERS) AT 910-364-0606. WORK IS NOT COMPLETE UNTIL ALL MODIFICATIONS TO THE SIGNAL COMMUNICATION SYSTEM HAVE BEEN MADE AND THE SYSTEM IS OPERATIONAL.
- 2) 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.
- 3) UNUSED FIBER SHALL BE LEFT COILED AND STORED IN THE SPLICE TRAY.
- 4) UNUSED BUFFER TUBES SHALL BE LEFT COILED AND STORED IN THE SPLICE TRAY.
- 5) ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND ENSURING PROPER TERMINATIONS.

FINAL RAEFORD RD AT US 401 (SKIBO RD.)

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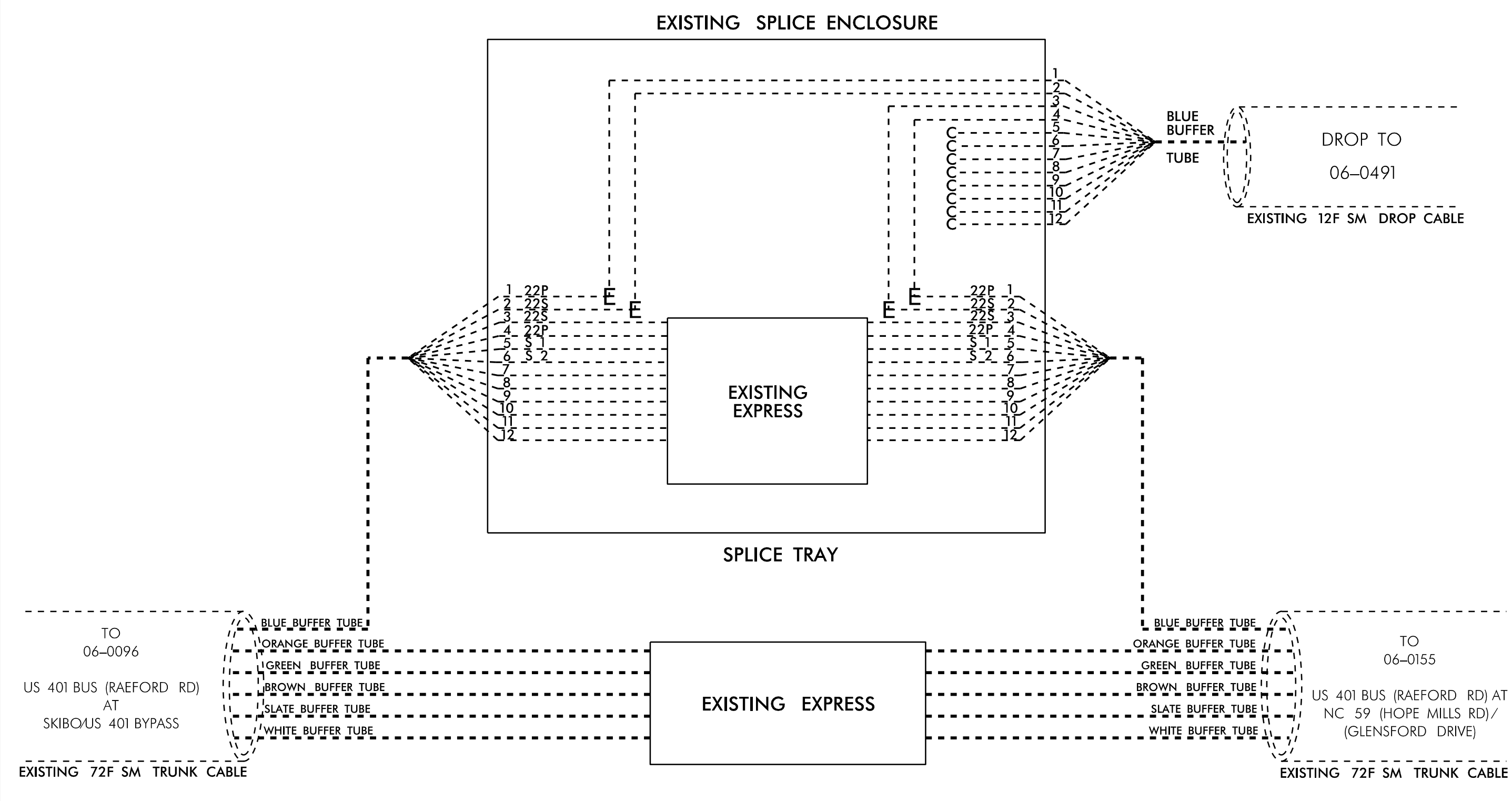
<p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>	<p>750 N. Greenfield Plaza, Garner, NC 27529</p>	<p>FIBER CABLE SPlicing DETAILS INTERSECTION 06-0096</p>		<p>SEAL NORTH CAROLINA PROFESSIONAL ENGINEER REGINA M. MUNCEY 43239</p>						
		<p>Prepared for the Offices of:</p>	<p>Division 06 CUMBERLAND CO. FAYETTEVILLE</p>							
<p>SCALE: NTS</p>		<p>PLAN DATE: AUGUST 2024</p>	<p>REVIEWED BY: D. HARRIS</p>	<p>DocuSigned by: Regina M. Muncey 10/8/2024</p>						
<p>PREPARED BY: R. MUNCEY</p>		<p>REVIEWED BY: L. OVERN</p>	<table border="1"> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISIONS	INIT.	DATE				<p>CADD FILE NAME</p>
REVISIONS	INIT.	DATE								

INTERSECTION 06-0491
US 401 Business (Raeford Road)
at Sandalwood Drive
EXISTING AERIAL SPLICE ENCLOSURE

LEGEND
X = FUSION SPLICE
C = CAP IN TRAY

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

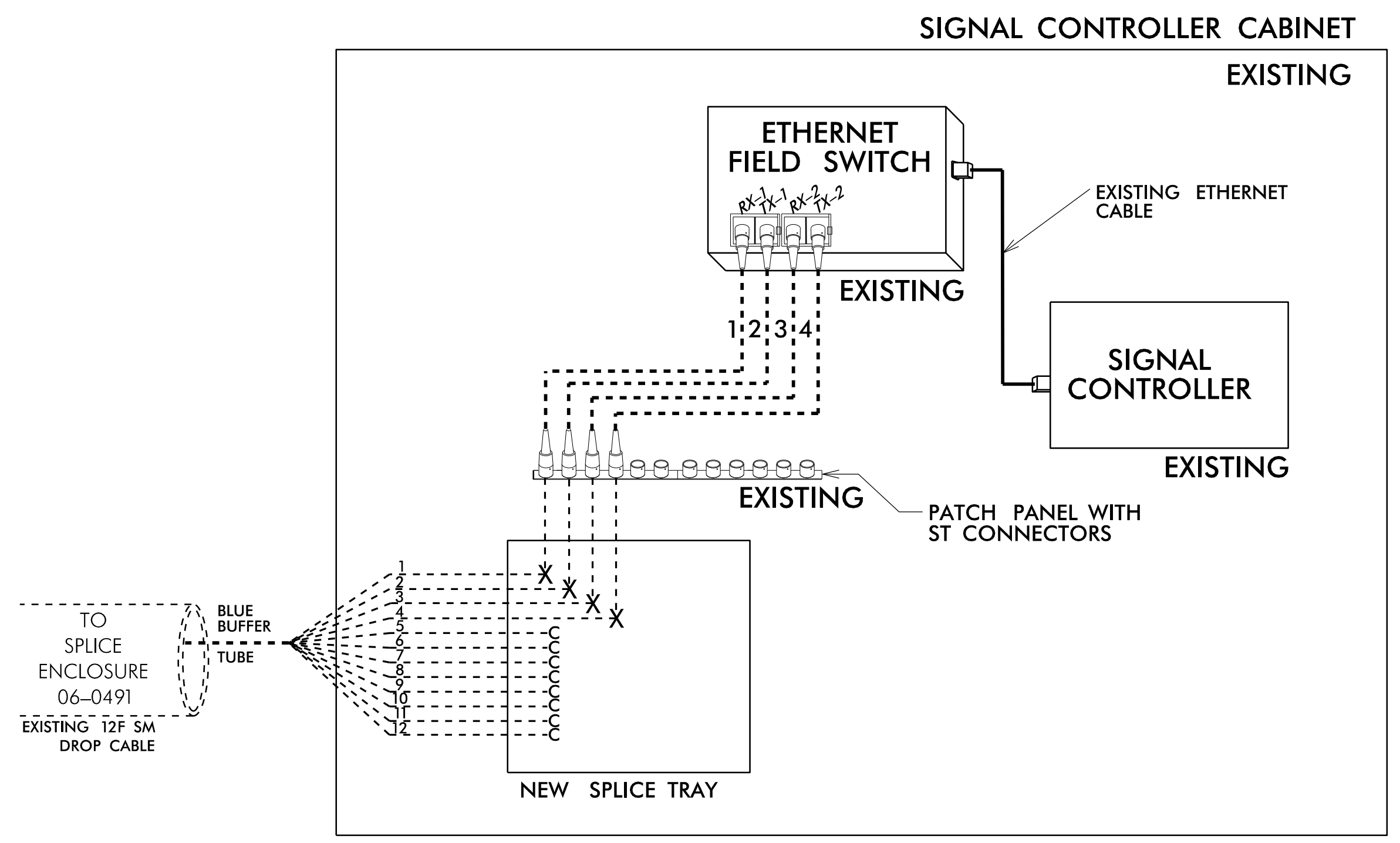


INTERSECTION 06-0491
US 401 Business (Raeford Road)
at Sandalwood Drive
EXISTING CONTROLLER SIGNAL CABINET

LEGEND
X = FUSION SPLICE
C = CAP IN TRAY

COLOR CODE
TIA/EIA 598-A

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



1) FIVE (5) DAYS BEFORE BEGINNING ANY WORK ON THE SIGNAL COMMUNICATIONS SYSTEM, THE CONTRACTOR SHALL CONTACT THE NCDOT DIVISION TRAFFIC ENGINEER (JAMES FLOWERS) AT 910-364-0606. WORK IS NOT COMPLETE UNTIL ALL MODIFICATIONS TO THE SIGNAL COMMUNICATION SYSTEM HAVE BEEN MADE AND THE SYSTEM IS OPERATIONAL.

2) INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING:

- REFERENCE SECTION 1731 "FIBER OPTIC SPLICE ENCLOSURE"
- 1.) SPLICE LOCATION
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- 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.

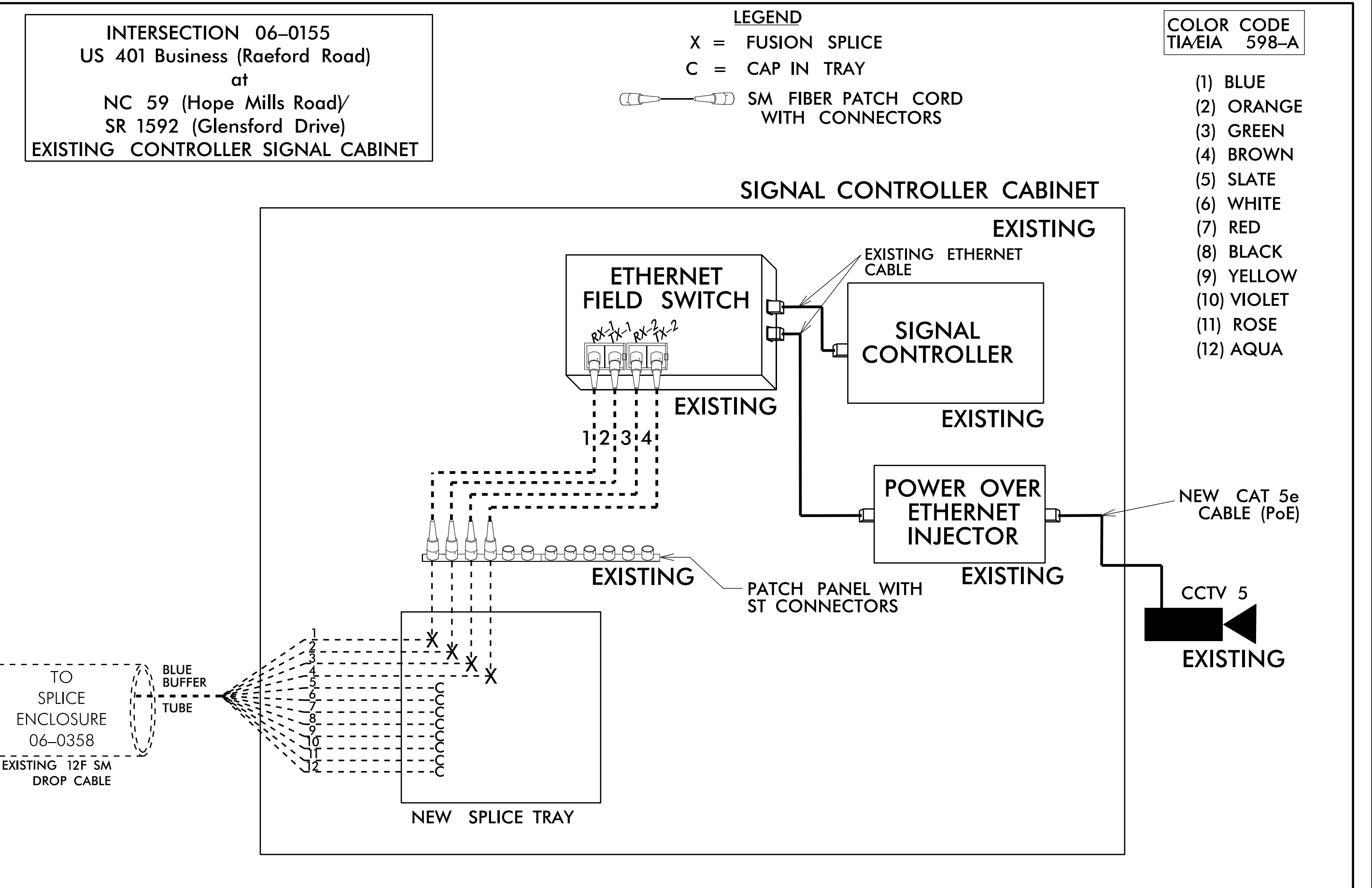
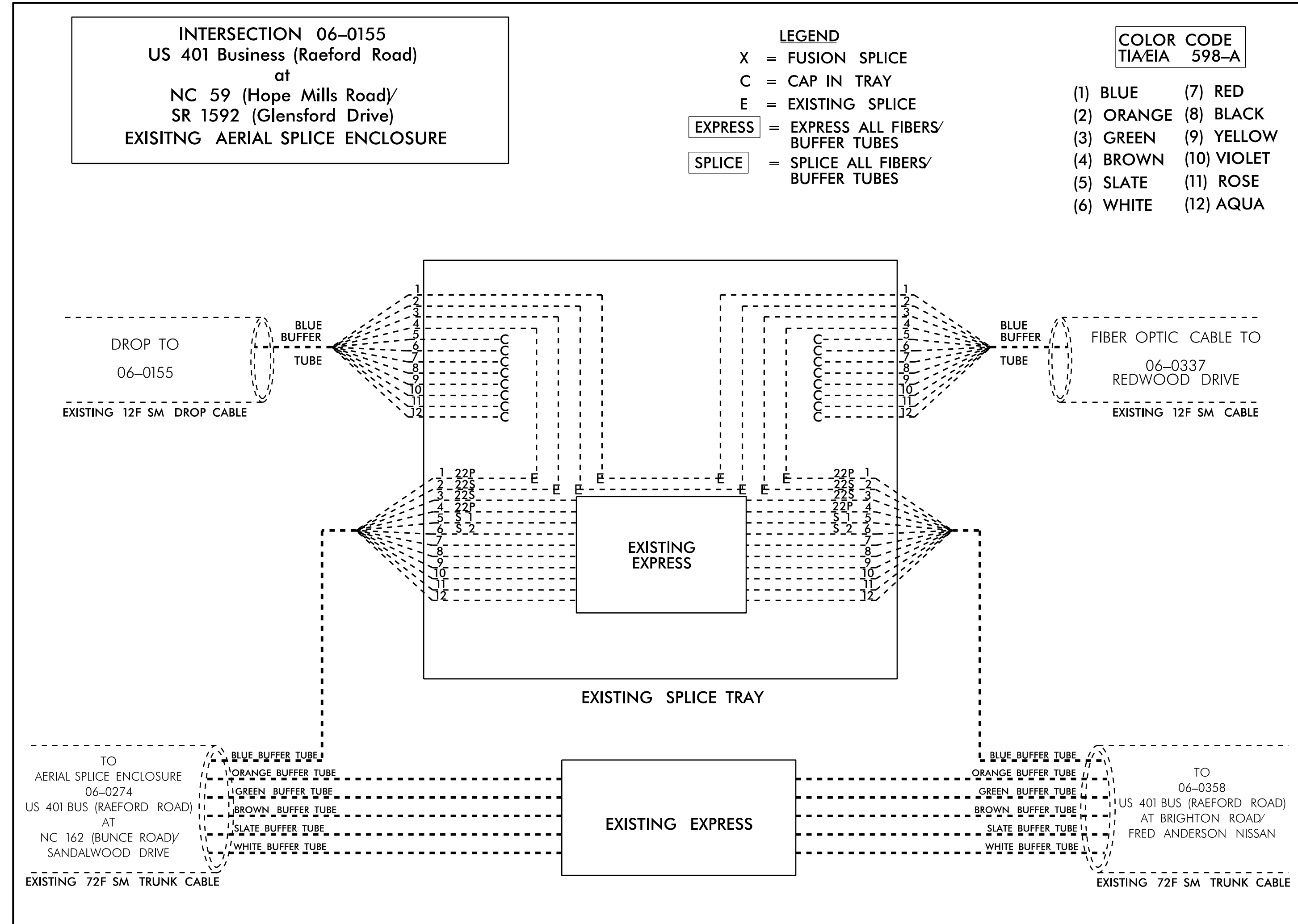
- 3) UNUSED FIBER SHALL BE LEFT COILED AND STORED IN THE SPLICE TRAY.
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- 5) ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND ENSURING PROPER TERMINATIONS.

FINAL

US 401 Business (Raeford Road)
at Sandalwood Drive/
Lafayette Ford Entrance

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<p>Stantec Consulting Services Inc. 801 Jones Franklin Road Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p>		<p>FIBER CABLE SPLICING DETAILS INTERSECTION 06-0491</p>						
		<p>Prepared for the Offices of: 750 N. Greenfield Plaza, Garner, NC 27529</p>	<p>Division 06 CUMBERLAND CO. FAYETTEVILLE</p> <p>PLAN DATE: AUGUST 2024 REVIEWED BY: D. HARRIS</p> <p>PREPARED BY: R. MUNCEY REVIEWED BY: L. OVERN</p>					
<p>SCALE NTS</p>	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				<p>DocuSigned by: Regina M. Muncey 10/8/2024</p> <p>CADD FILE NAME</p>
REVISIONS	INIT.	DATE						



- 1) FIVE (5) DAYS BEFORE BEGINNING ANY WORK ON THE SIGNAL COMMUNICATIONS SYSTEM, THE CONTRACTOR SHALL CONTACT THE NCDOT DIVISION TRAFFIC ENGINEER (JAMES FLOWERS) AT 910-364-0606. WORK IS NOT COMPLETE UNTIL ALL MODIFICATIONS TO THE SIGNAL COMMUNICATION SYSTEM HAVE BEEN MADE AND THE SYSTEM IS OPERATIONAL.
- 2) INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING:
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FINAL US 401 Business (Raeford Road) at NC 59 (Hope Mills Road)/SR 1592 (Glensford Drive)

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		<p>750 N. Greenfield Plaza, Garner, NC 27529</p>	<p>Prepared for the Offices of: Transportation, Mobility and Safe Systems DIVISION OF TRANSPORTATION North Carolina</p>		<p>DIVISION 06 CUMBERLAND CO. FAYETTEVILLE</p> <p>PLAN DATE: AUGUST 2024 REVIEWED BY: D. HARRIS</p> <p>PREPARED BY: R. MUNCEY REVIEWED BY: L. OVERN</p>

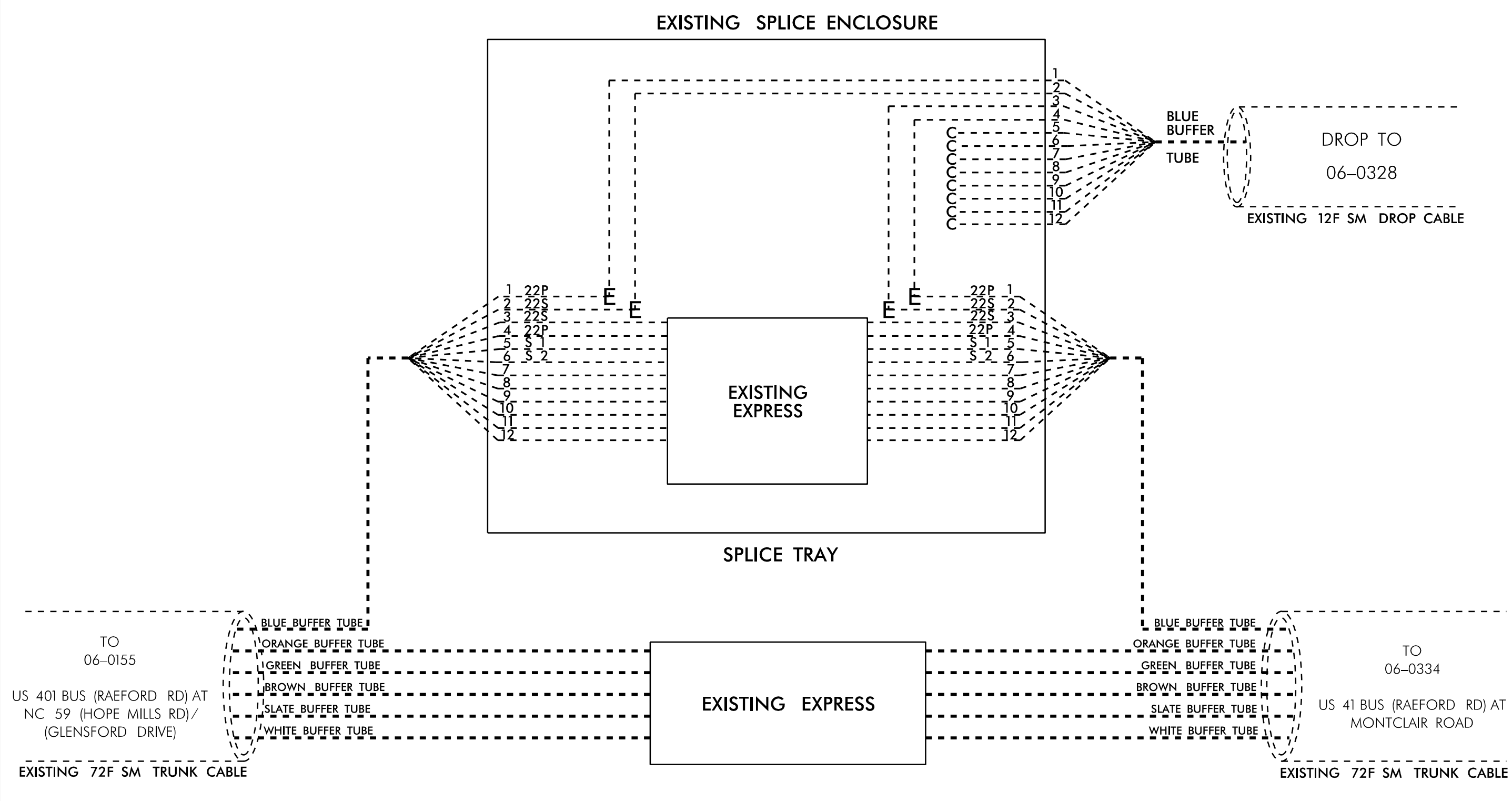
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INTERSECTION 06-0328
US 401 Business (Raeford Road)
at Brighton Road/
Fred Anderson Nissan
EXISTING AERIAL SPLICE ENCLOSURE

LEGEND
X = FUSION SPLICE
C = CAP IN TRAY

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



INTERSECTION 06-0491
US 401 Business (Raeford Road)
at Brighton Road/
Fred Anderson Nissan
EXISTING CONTROLLER SIGNAL CABINET

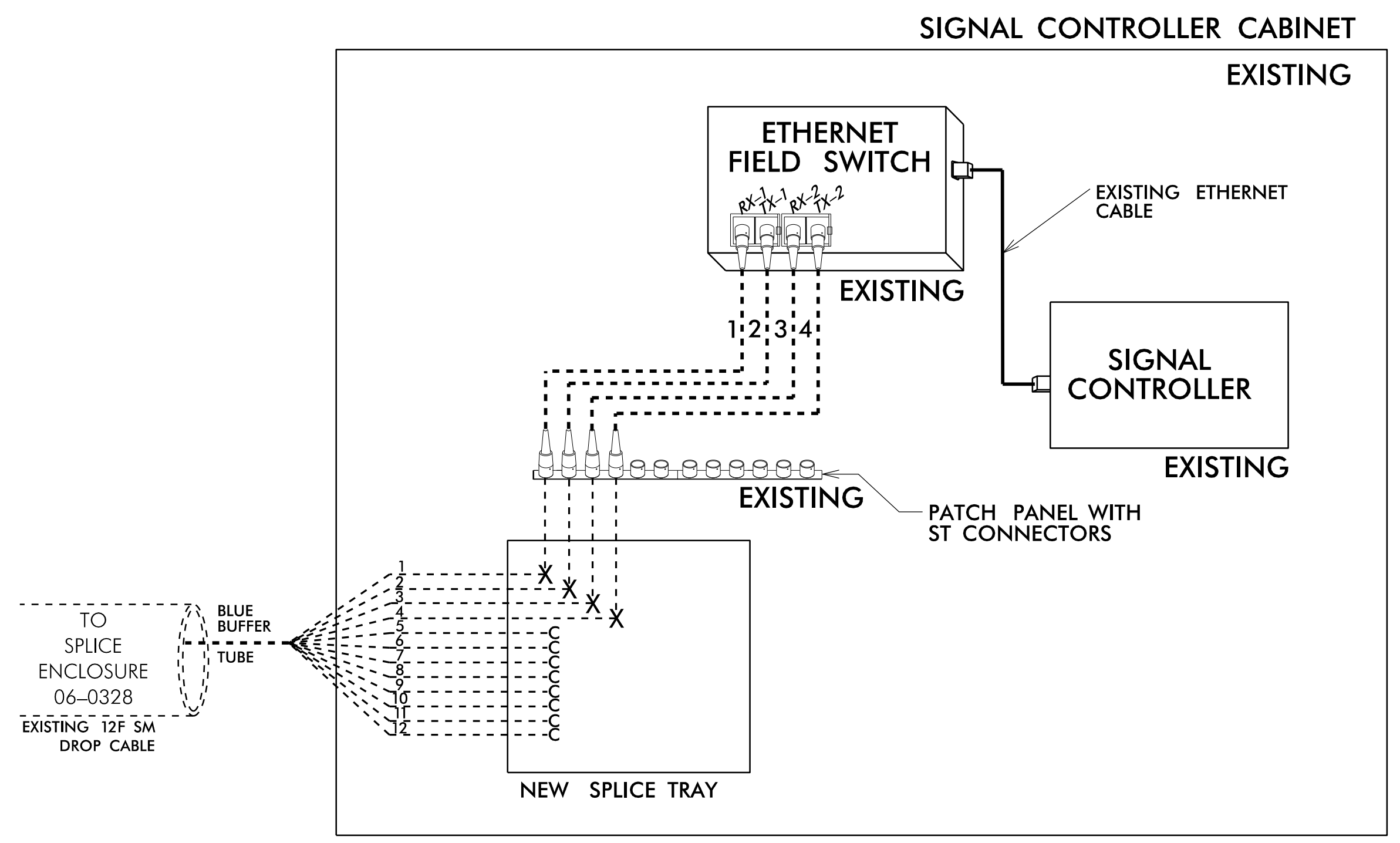
LEGEND

X = FUSION SPLICE
C = CAP IN TRAY

SM FIBER PATCH CORD WITH CONNECTORS

COLOR CODE
TIA/EIA 598-A

- (1) BLUE
- (2) ORANGE
- (3) GREEN
- (4) BROWN
- (5) SLATE
- (6) WHITE
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