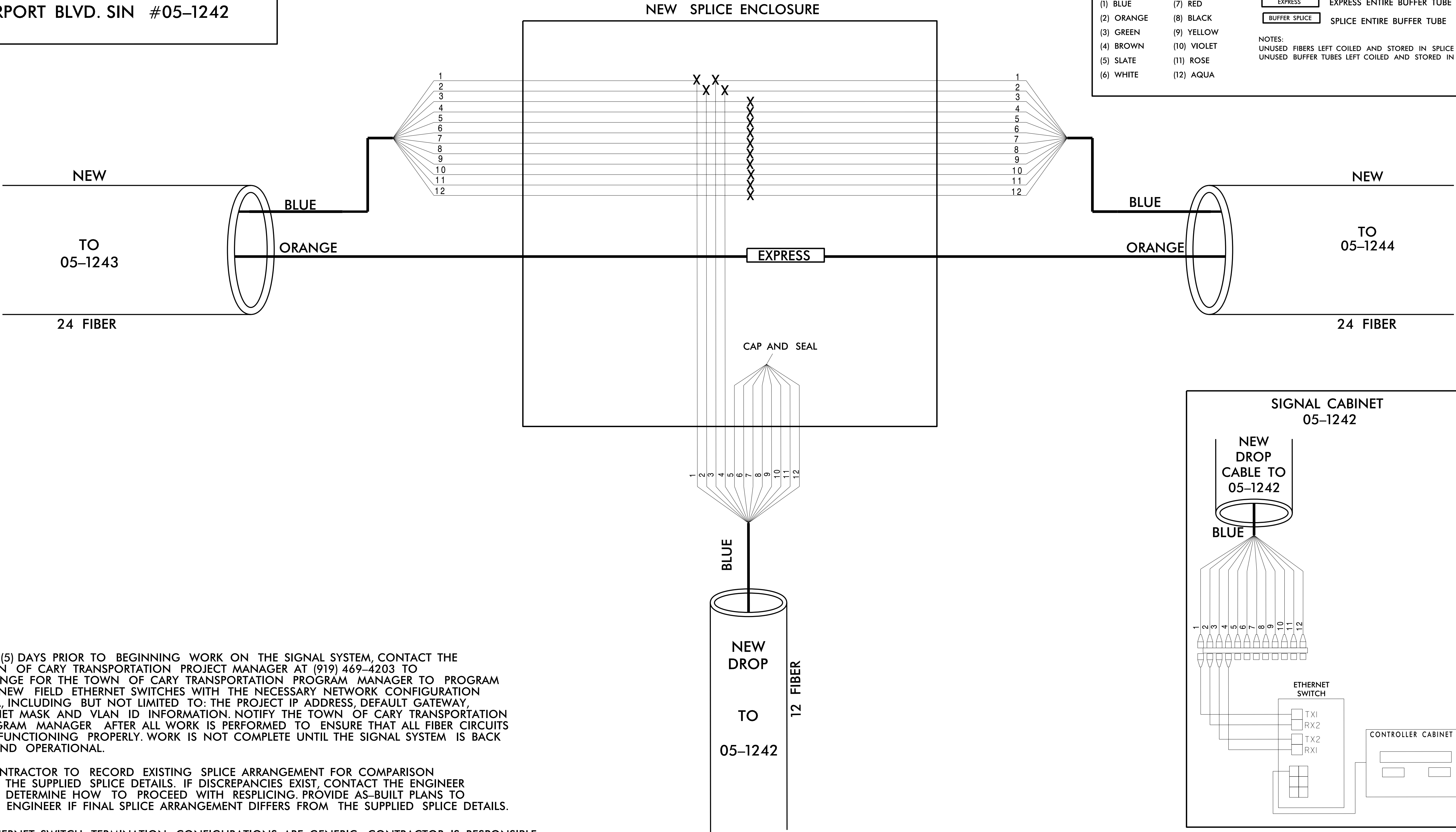


NEW UNDERGROUND
SPLICE ENCLOSURE AT
TOWN HALL DR. AND
AIRPORT BLVD. SIN #05-1242



COLOR CODE
TIA/EIA 598-C

(1) BLUE

(2) ORANGE

(3) GREEN

(4) BROWN

(5) SLATE

(6) WHITE

(7) RED

(8) BLACK

(9) YELLOW

(10) VIOLET

(11) ROSE

(12) AQUA

LEGEND

X - FUSION SPLICE INDIVIDUAL FIBER

EXPRESS

EXPRESS ENTIRE BUFFER TUBE

BUFFER SPLICE

SPLICE ENTIRE BUFFER TUBE

NOTES:
UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY.
UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE TRAY.

- NOTES:
- FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE TOWN OF CARY TRANSPORTATION PROJECT MANAGER AT (919) 469-4203 TO ARRANGE FOR THE TOWN OF CARY TRANSPORTATION PROGRAM MANAGER TO PROGRAM THE NEW FIELD ETHERNET SWITCHES WITH THE NECESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NOT LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID INFORMATION. NOTIFY THE TOWN OF CARY TRANSPORTATION PROGRAM MANAGER 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.
 - 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.
 - ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING \ ENSURING PROPER TERMINATIONS.
 - INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING:
REFERENCE SECTION 1731 "FIBER OPTIC SPLICE ENCLOSURE"
 - SPLICE LOCATION
 - DATE
 - COMPANY NAME
 - 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.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Prepared in the Offices of:

WAKE COUNTY
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION SYSTEMS SECTION

750 N. Greenfield Place, Garner, NC 27529

SIGNAL SYSTEM - TOWN OF CARY
SPLICE PLAN

DIVISION 05

WAKE

MORRISVILLE

PLAN DATE: MARCH 2023

REVIEWED BY: *Erin Gray*

PREPARED BY: H.T. BERGGREN, EI

REVISIONS

INIT.

DATE

SCALE

0 N/A

N/A

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL 046152

ENGINEER

ALEX D. STEWART

04/14/2023