

(Typ.)

Back Elevation View

Section B-B

Full-Penetration Groove Weld Detail

SHEET NO.

ctio

St

O

PROJECT ID. NO.

Mast Arm Connection To Pole

750 N.Greenfield Pkwy,Garner,NC 27529

NONE

PREPARED BY:

OCTOBER 2017 DESIGNED BY: C.F.ANDREWS

N. BITTING REVIEWED BY: D.C. SARKAR

Debesh C. Sarkar

----44E8E32**€1€764**C4:URE

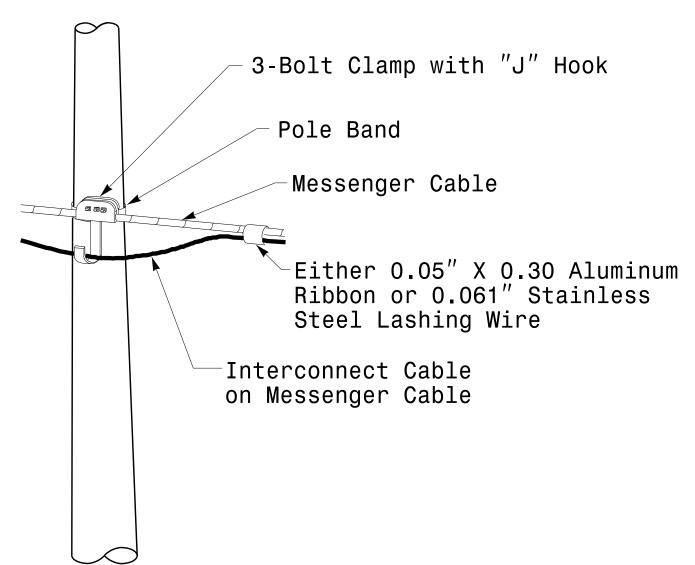
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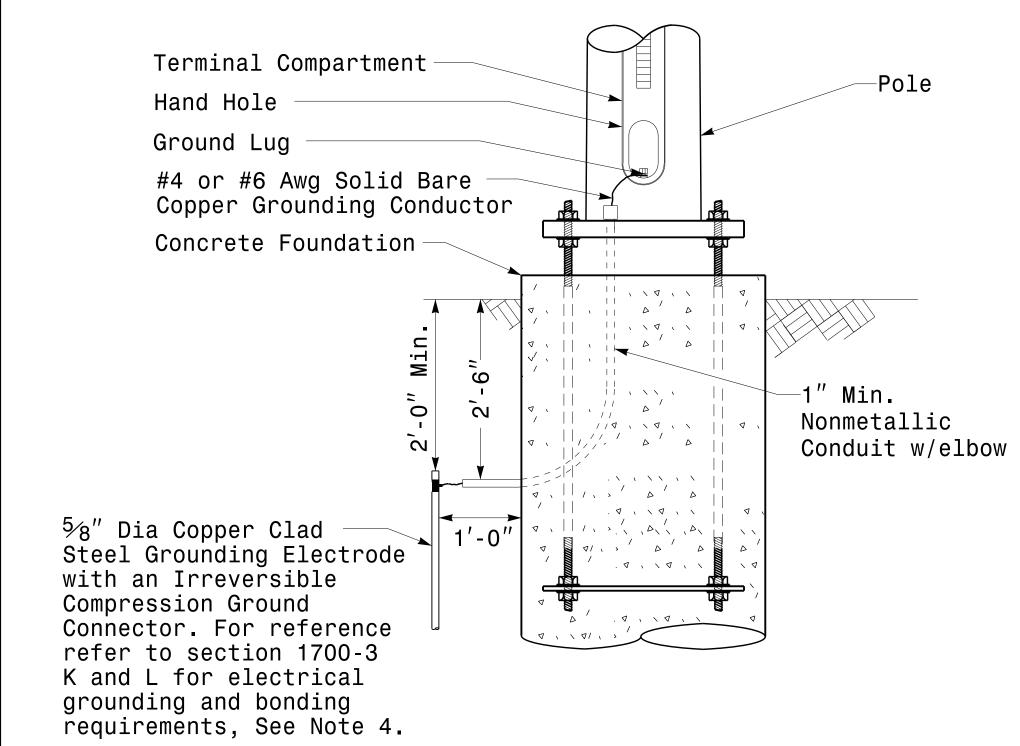
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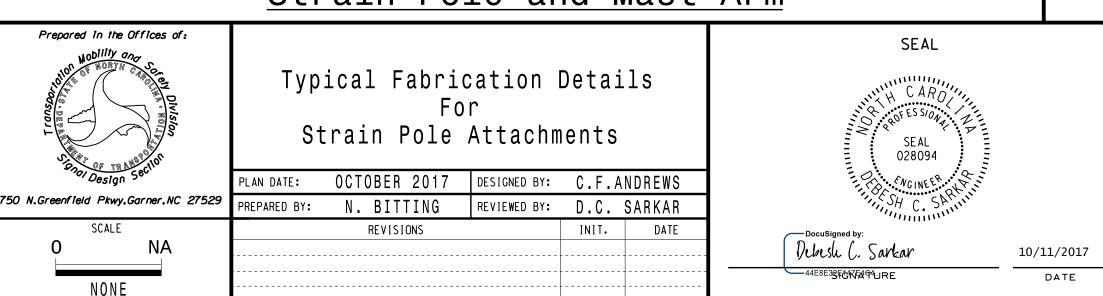
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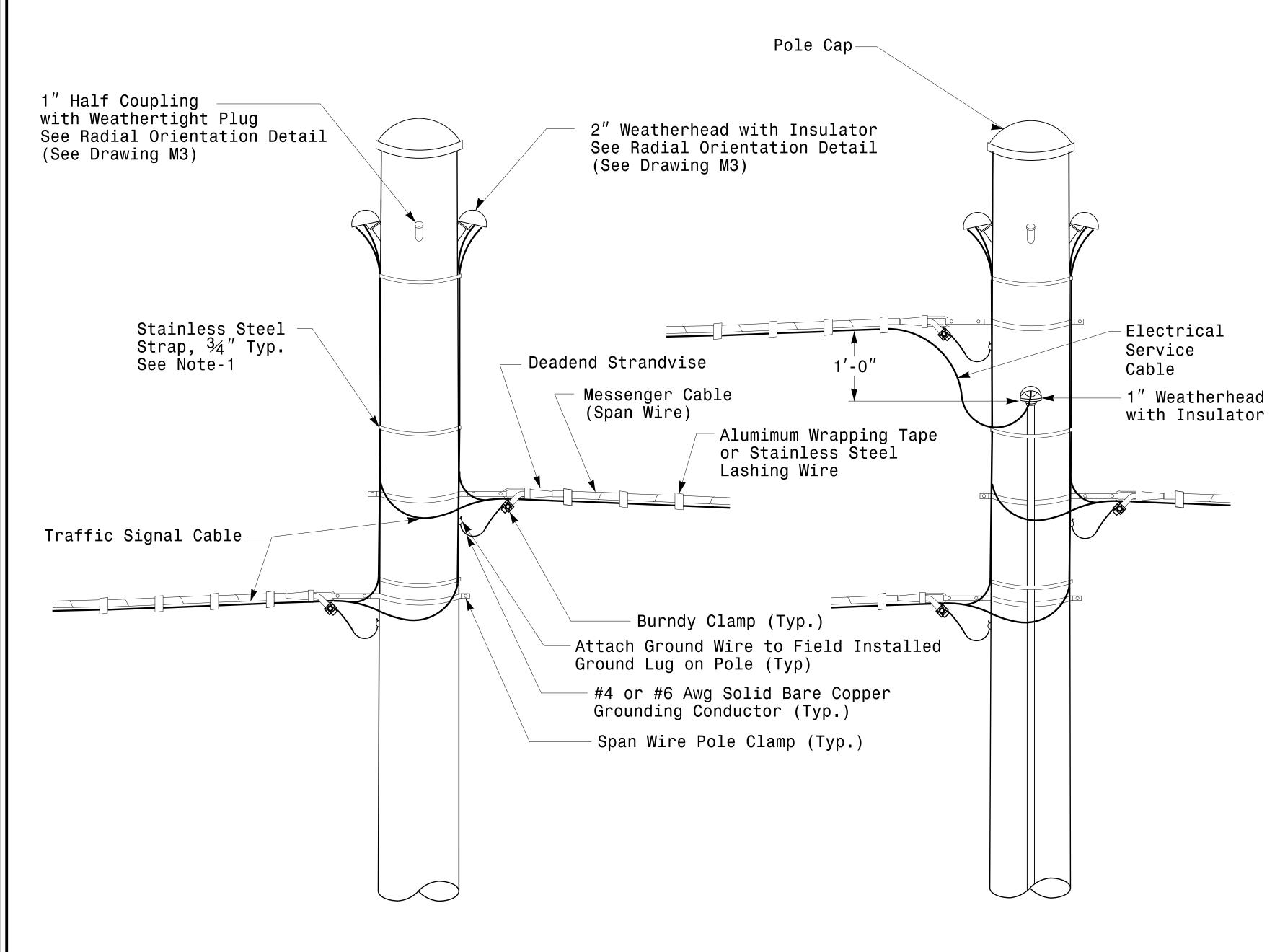


Attachment of Cable to Intermediate Metal Pole



Metal Pole Grounding Detail For Strain Pole and Mast Arm





Strain Pole Attachments

NOTE:

- 1. Strap all signal cables to the side of the pole with $\sqrt[3]{4}^{\prime\prime}$ stainless steel straps when the distance between the spanwire attachment clamp and the weatherheads exceeds 3^{\prime} - $0^{\prime\prime}$.
- 2. Provide minimum two spanwire pole clamps per pole.
- 3. It is prohibited to attach two span wires at one pole clamp.
- 4. For general requirements refer to NCDOT Standard Specifications for Roadway and Structures, January 2018.

Typical Foundation Conduit Details

General Notes:

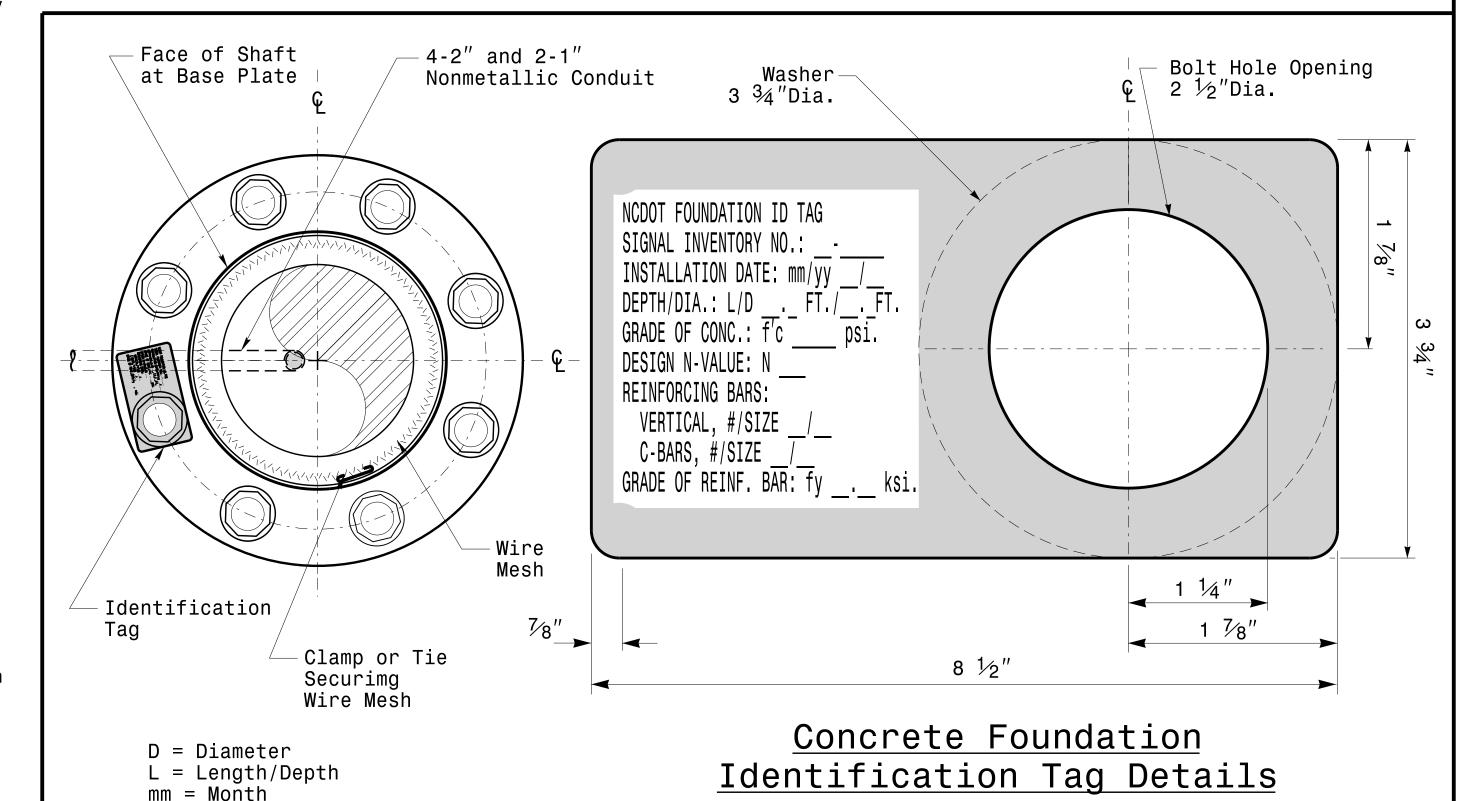
- If actual subsurface conditions differ significantly from boring data contact the Engineer before excavating or placing concrete.
- 2. Circular tie reinforcing rings may be vertically adjusted by $\pm 1/3$ at a depth between $\pm 1/3$ and $\pm 1/3$ to facilitate the installation of electrical conduit entering in the cage.
- 3. For standard foundations, see sheet Sig. M8 for details. Vertical reinforcing bars (V1) may be horizontally adjusted by +/-3" to facilitate the installation of electrical conduit entering into the cage.
- 4. Provide 2" to 5" foundation projection above ground level depending on the ground slope.
- 5. Unless otherwise shown, foundation designs are based on non-sloping level ground surfaces with slope ratios of 8:1 (H:V) or flatter. If actual ground line slopes are steeper contact the Engineer before excavating or placing concrete.
- 6. Construct foundations in accordance with NCDOT Standard Provisions SP09 R005- Foundations and Anchor Rod Assemblies for Metal Poles. All applicable 2018 NCDOT Standard Specifications are referenced in this provision. Refer to the NCDOT Resources/Specifications page located on the Connect NCDOT website.

https://connect.ncdot.gov/resources/Specifications
and Special Provisions.aspx

- 7. Use air entrained AA concrete mix with a compression strength of f'c=4500 psi.(min.) after 28 days.
- 8. Use ASTM A615 grade 60 deformed bars for all reinforcing steel. Maintain at least 3" cover on all reinforcement.
- 9. Locate the Identification Tag on the top of the base plate, directly above the conduit's entry point.
- 10. Provide two layers of galvanized welded 23 gauge (0.25) 6" wide 4 mesh wire around pipes under the base plate and secure it with ties if necessary.
- 11. Preferred location for the I.D. Tag is as shown in Detail-A; directly above the conduit entering the foundation.

Typical Foundation Anchor Bolt Details

(Reinforcing Cage Not Shown for Clarity)



#4 | CIR. | 12'-6'

* See Note No. 2

** See Note No. 3

D - 6"

→ 3″Cover (Typ.)

-V1 Bars

Typical "C" Bar Detail

Section A-A

Concrete Shaft Elevation

Detail-A

yy = Year

Construction Details
For
Foundations

PLAN DATE: OCTOBER 2018 DESIGNED BY: C.B.COGDELL

N.Greenfield Pkwy.Garner.NC 27529 PREPARED BY: N. BITTING REVIEWED BY: D.C. SARKAR

SCALE
O
NA

REV. NO.

COMMENTS
INIT.
DATE
1 Revised Foundation Tag Details
N.B. 5/11/2015

SEAL

SEAL

O28094

SEAL

O28094

Docusigned by:

Dubush C. Sarkar

10/11/2017

A4E8E32516784CT URE

DATE

St

Spacing

Bar

S

3"Clear (Typ.)

 $^{\prime}$

C Bars-

1'-6"-

Min. Lap

SOIL CONDITION

						SOIL CONDITION													
			STANDARD STRAIN POLES				STANDARD FOUNDATIONS 48" Diameter Drilled Pier Length (L) – Feet						Reinforcement						
				Pole	Base Plate	Reactio	actions at the Pole Base		Clay				Sand			tudinal		rups	
			Case No.	Height (Ft.)		Axial (kip)	Shear (kip)	Moment (ft–kip)	Medium N–Value 4–8	Stiff N–Value 9–15	Very Stiff N–Value 16–30	Hard N-Value >30	Loose N–Value 4–10	Medium N-Value 11-30	Dense N–Value >30	Bar Size (#)	Quantity (ea.)	Bar Size (#)	Spacing (in.)
	W	Ļ	S26L3	26	25	2	11	270	19	13	10	8	17	14.5	12.5	8	12	4	12
	N D	G H	S30L3	30	25	2	11	300	19.5	13.5	10	8	17.5	15	13	8	14	4	12
	Z O	';	S35L3	35	25	3	11	320	20	13.5	10.5	8	17.5	15	13	8	14	4	12
)ZE	HE	S30H3	30	29	3	16	450	24.5	16	12	9	21	17.5	15	8	16	4	6
	1	V Y	S35H3	35	29	4	16	515	26	17	12.5	9.5	22	18.5	16	8	16	4	6
	W	Ļ	S26L2	26	23	2	10	245	18	12.5	9.5	8	16.5	14	12	8	12	4	12
	I N D	G	S30L2	30	23	2	10	270	18.5	12.5	10	8	16.5	14	12.5	8	12	4	12
	Z 0	H	S35L2	35	23	3	10	300	19.5	13	10	8	17	14.5	13	8	12	4	12
	OZE	HE	S30H2	30	29	3	15	415	23	15.5	11.5	9	20	17	14.5	8	16	4	6
	2	V Y	S35H2	35	29	4	15	475	25	16.5	12	9.5	21	17.5	15.5	8	16	4	6
	M	Ļ	S26L2	26	23	2	10	245	18	12.5	9.5	8	16.5	14	12	8	12	4	12
	ND	G H	S30L2	30	23	2	10	270	18.5	12.5	10	8	16.5	14	12.5	8	12	4	12
uôp•uo⊥.	Z	';	S35L2	35	23	3	10	300	19.5	13	10	8	17	14.5	13	8	12	4	12
	OZE	HE	S30H2	30	29	3	15	415	23	15.5	11.5	9	20	17	14.5	8	16	4	6
		V Y	S35H2	35	29	4	15	475	25	16.5	12	9.5	21	17.5	15.5	8	16	4	6
C_ •DIIIO • B	Ä	L۲	S26L1	26	22	2	8	190	16	11.5	8.5	8	15	12.5	11	8	12	4	12
	DZI	Ğ	S30L1	30	22	2	8	205	16.5	11.5	9	8	15	13	11.5	8	12	4	12
. D I C	Z	Ϊ́Τ	S35L1	35	22	3	8	230	17	12	9	8	15.5	13.5	11.5	8	12	4	12
0*2014 51g	OZE	HEA	S30H1	30	25	3	12	320	20.5	13.5	10.5	8	18	15	13.5	8	16	4	6
J	4	V Y	S35H1	35	25	4	12	350	21	14	10.5	8.5	18.5	15.5	13.5	8	16	4	6
X ₩¥UO! ØA	M	Ļ	S26L2	26	23	2	10	245	18	12.5	9.5	8	16.5	14	12	8	12	4	12
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olgnal Des	N E	HE	S30H2	30	29	3	15	415	23	15.5	11.5	9	20	17	14.5	8	16	4	6
5	5	A V Y	S35H2	35	29	4	15	475	25	16.5	12	9.5	21	17.5	15.5	8	16	4	6

PROJECT ID. NO.

U-5798A

Sig.M8

SHEET NO.

Condition Soil oundation-All Ш <u>o</u>

General Notes:

- 1. Values shown in the "Reactions at the Pole Base" column represent the minimum acceptable capacity allowed for design using a design CSR of 1.00.
- 2. Use chairs and spacers to maintain proper clearance.
- 3. For foundation, always use air-entrain concrete mix.

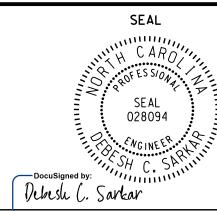
Foundation Selection:

- 1. Perform a standard penetration test at each proposed foundation site to determine "N" value.
- 2. Select the appropriate wind zone from M 1 drawing.
- 3. Select the soil type (Clay or Sand) that best describes the soil characteristics.
- 4. Get the appropriate standard pole case number from the plans or from the Engineer.
- 5. Select the appropriate column under "Standard Foundations" based on soil type and "N" value. Select the appropriate row based on the pole load case.
- 6. The foundation depth is the value shown in the "Standard Foundations" category where the column and the row intersect.
- 7. Use Construction Procedures and Design Methods prescribed by FHWA-NHI-10-016 for Reference Drilled Shafts.



Standard Strain Pole Foundation for All Soil Conditions

AN DATE: OCTOBER 2017 DESIGNED BY: C.B. COGDELL
REPARED BY: N. BITTING REVIEWED BY: D.C. SARKAR
REVISIONS INIT. DATE
hanged "Foundation Depth" to "Drilled Pier Length" in Conc. Eqn. N.B. 7/12/2015



Sarkar 10/11/2017

48" Dia. Foundations Concrete Volume (cubic yards) = (0.465) x Drilled Pier Length

1 INSTALL CATEGORY 6 CABLE	:
----------------------------	---

INSTALL REA, PE - 38, (FIGURE - 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE

INSTALL OUTDOOR RATED ETHERNET CABLE

INSTALL SMFO CABLE

INSTALL FIBER OPTIC DROP CABLE

INSTALL MMFO CABLE

INSTALL TRACER WIRE

8 **TRENCH**

INSTALL PVC CONDUIT

(10) INSTALL RIGID, GALVANIZED STEEL CONDUIT

INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD $(\ \ 11 \)$

INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING

(13) INSTALL HEAT SHRINK TUBING RETROFIT KIT

(14) INSTALL HIGH DENSITY POLYETHYLENE CONDUIT

DIRECTIONAL DRILL CONDUIT

BORE AND JACK CONDUIT

(17) INSTALL CABLE(S) IN EXISTING CONDUIT

INSTALL CABLE(S) IN NEW CONDUIT

INSTALL CABLE(S) IN EXISTING RISER(S)

(20)INSTALL CABLE(S) IN NEW RISER(S)

INSTALL CABLE(S) IN EXISTING CONDUIT STUBOUTS

INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (22) (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)

(23)INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)

(24)INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET

(25)INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET

TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY (26) INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET

(27) INSTALL NEW ETHERNET EDGE SWITCH IN CABINET

INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, **(28)** AND FUSION SPLICE CABLE IN CABINET

(29) INSTALL UNDERGROUND SPLICE ENCLOSURE

〈30〉 INSTALL AERIAL SPLICE ENCLOSURE

〈31〉 INSTALL POLE MOUNTED SPLICE CABINET

〈32〉 INSTALL BASE MOUNTED SPLICE CABINET

REMOVE EXISTING SPLICE CABINET

INSTALL CABINET FOUNDATION

REMOVE EXISTING CABINET FOUNDATION

INSTALL CCTV CAMERA ASSEMBLY

INSTALL CCTV CAMERA WOOD POLE

INSTALL CCTV CAMERA METAL POLE AND FOUNDATION

INSTALL JUNCTION BOX

INSTALL OVERSIZED JUNCTION BOX

REMOVE EXISTING JUNCTION BOX

INSTALL WOOD POLE

REMOVE EXISTING WOOD POLE

INSTALL AERIAL GUY ASSEMBLY

INSTALL STANDARD GUY ASSEMBLY

INSTALL SIDEWALK GUY ASSEMBLY

INSTALL MESSENGER CABLE

BACKPULL EXISTING COMMUNICATIONS CABLE

REMOVE EXISTING COMMUNICATIONS AND MESSENGER CABLE

REMOVE EXISTING COMMUNICATIONS CABLE

INSTALL TELEPHONE SERVICE

INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE

INSTALL DELINEATOR MARKER

INSTALL JUNCTION BOX MARKER

STORE 20 FEET OF COMMUNICATIONS CABLE

LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE

LASH CABLE(S) TO EXISTING MESSENGER CABLE

LASH CABLE(S) TO NEW MESSENGER CABLE

MODIFY EXISTING ELECTRICAL SERVICE

INSTALL NEW ELECTRICAL SERVICE

BOND RISER AND MESSENGER TO POLE GROUND

BOND TRACER WIRE TO EQUIPMENT GROUND BUS

61 REMOVE CCTV CAMERA ASSEMBLY

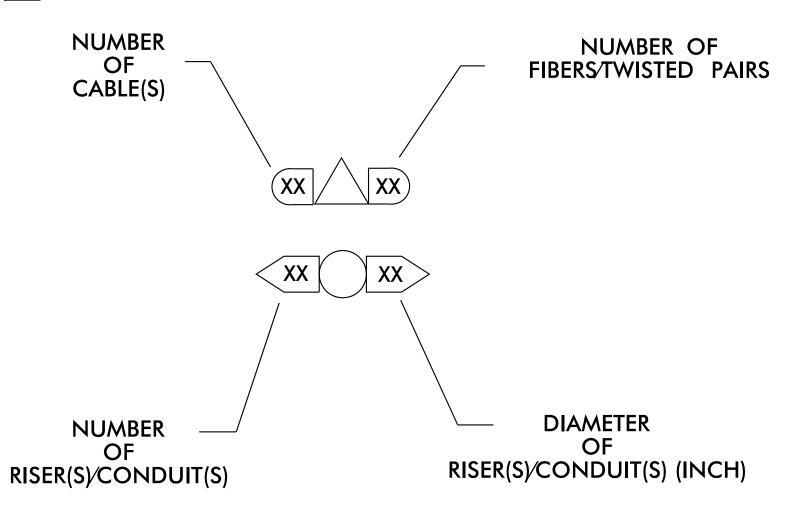
CONSTRUCTION NOTE SYMBOLOGY KEY

INDICATES NUMBER OF CABLES, LOOPS, ETC.

INDICATES NUMBER OF FIBERS PER CABLE, TWISTED PAIRS PER CABLE, ETC.

INDICATES NUMBER OF RISER(S)/CONDUIT(S)

INDICATES DIAMETER OF RISER(S)/CONDUIT(S) (INCH)



ATTACHMENT POINT



Prepared for the Offices of:

Gillis Hill Road Widening Signal System

Construction Notes Division 6 Cumberland County

Fayetteville| PLAN DATE: January 2022 Reviewed by: S.G. Haynie PREPARED BY: O. Drobny REVIEWED BY: V. Kaiser REVISIONS INIT. DATE Steven 6. Hayrie 1/5/2022 CADD Filename: U5798A_sig_scp_01.dq

DOCUMENT NOT CONSIDERED FINAL

029531

UNLESS ALL SIGNATURES COMPLETED

RS&H 8521 SIX FORKS ROAD, SUITE 400 RALEIGH, NC 27615

PROJECT REFERENCE NO. SCP-2 U-5798A

LEGEND

CTION BOX
UNCTION BOX
A-SIZED OR SPECIAL-SIZED BOX
OVER-SIZED OR SPECIAL-SIZED BOX
ENTORY NUMBER
AVEMENT
ANE
CURB
URB
EM DETECTOR
YSTEM DETECTOR
URB EM DETECTOR

ABBREVIATIONS

AGUY	Aerial Guy	PWR	Power
ARLT	Area Light	RSR	Riser
BS	Backside Attachment	SAME	Same Elevation/Attachment Height
DL	Drip Loop	SEC	Secondary Power
DRP	Drop	SGRSR	Signal Riser
ELEC	Electric	SIG	Signal Span
EXI	Existing Communications Cable	SP	Signal Pole
FO	Fiber Optic	SO	Standoff
FS	Front Side Attachment	STLT	Streetlight
IMC	Intermediate Metallic Conduit	SVRSR	Service Riser
JUP	Joint Use Pole	TEL	Telephone
LIC	Lead–In Cable (Detector)	TFMR	Transformer
LRMEC	Lumbee River Electric Membership Corporation	TOP	Top of Pole or Top Attachment
MSGR	Messenger	TRI	Triplex
NCDOT	North Carolina Department of Transportation	UG	Underground
NEUT	Neutral	UNK	Unknown
ОН	Overhead	X ANY	Crossing Line, where "Any" is the
OWS	Open Wire Secondary		abbreviation for the overhead line that is crossing existing/proposed
PWC	Fayetteville Public Works Commission		cable route

GENERAL NOTES

- . ACTUAL CONDITIONS IN THE FIELD AT THE TIME OF CONSTRUCTION MAY BE DIFFERENT FROM THOSE SHOWN IN THE PLANS.
- 2. THE FIELD LOCATION OF ANY ITEM TO BE INSTALLED AS PART OF THIS PROJECT SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- 3. NEW TRAFFIC SIGNAL CONTROLLER CABINETS ARE SPECIFIED ON THE SIGNAL PLANS.
- 4. BURIED UTILITIES AND STRUCTURES: PIPELINES, STORM SEWERS, POWER CABLES, UTILITY CABLES, AND OTHER PUBLICLY AND PRIVATELY OWNED UNDERGROUND OBSTRUCTIONS EXIST ADJACENT TO AND WITHIN THE STREET RIGHT-OF-WAY WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT. INVESTIGATE THE LOCATION OF SUCH BURIED UTILITIES AND STRUCTURES WITH PUBLIC AND PRIVATE UTILITIES.
- 5. THE PLAN SHEETS HAVE BEEN DEVELOPED AS CLOSE TO SCALE AS PRACTICAL. HOWEVER, ACTUAL FIELD CONDITIONS SHALL PROVIDE THE BASIS FOR APPLYING THE WORK SHOWN.
- 6. THE ROADWAY STANDARD DRAWINGS AND THE DETAILS PROVIDED IN THIS PLAN SHEET SHALL ALL APPLY TO ALL WORK REQUIRED IN THIS PROJECT, WHETHER A PARTICULAR DETAIL IS SPECIFICALLY REFERENCED TO A WORK ITEM OR NOT. IN THE EVENT OF A CONFLICT, THE ORDER OF PRECEDENCE SHALL BE: THE PROJECT SPECIAL PROVISIONS, THE PLAN SET - INCLUDING DETAILS - SUPPLEMENTAL SPECIFICATIONS, THE STANDARD SPECIFICATIONS, AND THEN THE ROADWAY STANDARD DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING THE PROPER DETAILS.
- 7. ANY OF THE CONTRACTOR'S WORK ACTIVITIES WHICH IMPACT ANY UTILITY FACILITY SHALL BE COORDINATED WITH THE OWNER OF THE AFFECTED UTILITIES. THE CONTRACTOR SHALL FOLLOW ANY AND ALL WORK PROCEDURES THE UTILITY OWNERS MAY REQUIRE.
- 8. ALL WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED TO BE PERFORMED BY OTHERS.

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" CONTRACT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART

OF THESE PLANS:					
STD. NO.	TITLE				
1715.01	UNDERGROUND CONDUIT – TRENCHING				
1716.01	JUNCTION BOXES				
1720.01	WOOD POLES				
1721.01	GUY ASSEMBLIES				
1730.01	FIBER OPTIC CABLE - SPARE CABLE STORAGE				
1730.02	FIBER OPTIC CABLE – CONDUIT INSTALLATION				
1733.01	DELINEATOR MARKERS				
1740.01	METAL POLES				

DOCUMENT NOT CONSIDERED FINAL **UNLESS ALL SIGNATURES COMPLETED** Gillis Hill Road



Widening Signal System/ General |Notes/Abbreviations/Std. Dwgs.

Division 6 Cumberland County Fayetteville PLAN DATE: January 2022 | REVIEWED BY: S.G. Haynie PREPARED BY: O. Drobny REVIEWED BY: V. Kaiser REVISIONS INIT. DATE

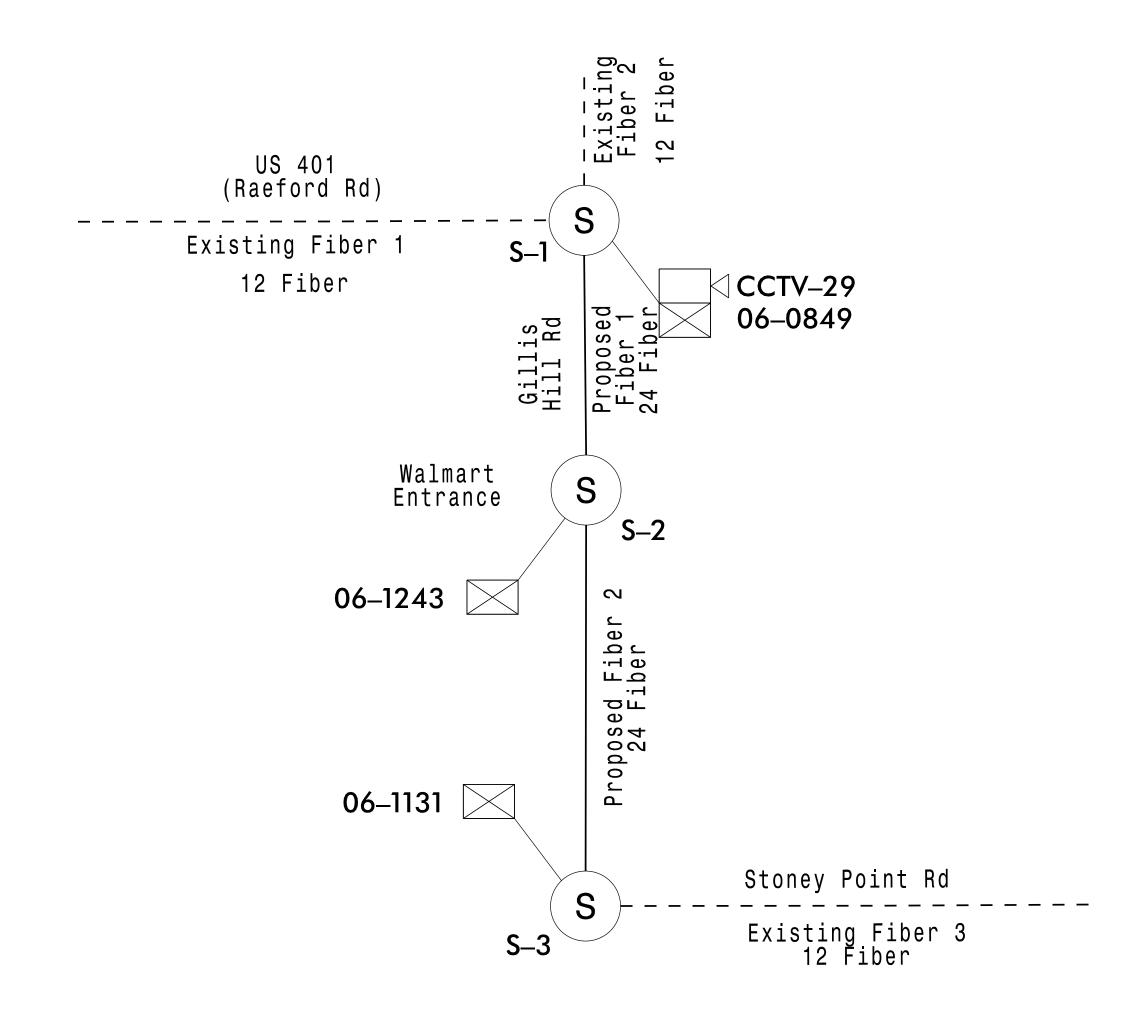
SEAL 029531 1/5/2022

8521 SIX FORKS ROAD, SUITE 400 RALEIGH, NC 27615 (919) 926-4100

Steven G. Haynie CADD Filename: U5798A sig scp 02.d

PROJECT REFERENCE NO. SHEET NO. U-5798A SCP-3

FIBER-OPTIC SCHEMATIC



S CABLE-TO-CABLE SPLICE

12 FIBER DROP SPLICE TO SIGNAL CABINET

12 FIBER DROP SPLICE TO SIGNAL CABINET/CCTV

NEW FIBER-OPTIC CABLE

---- EXISTING FIBER-OPTIC CABLE

S-### SPLICE NUMBER

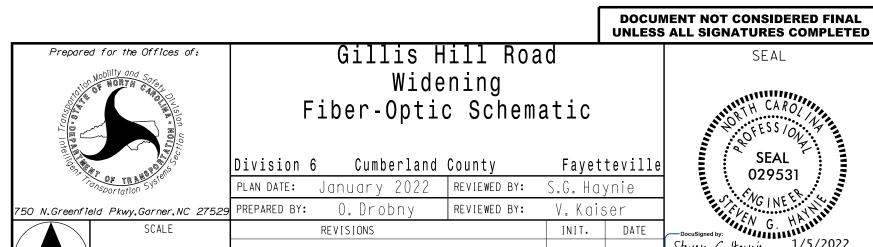
06-#### STATE SIGNAL INVENTORY NUMBER

NC FIRM LICENSE No: F-0493

8521 SIX FORKS ROAD, SUITE 400

RALEIGH, NC 27615

(919) 926-4100



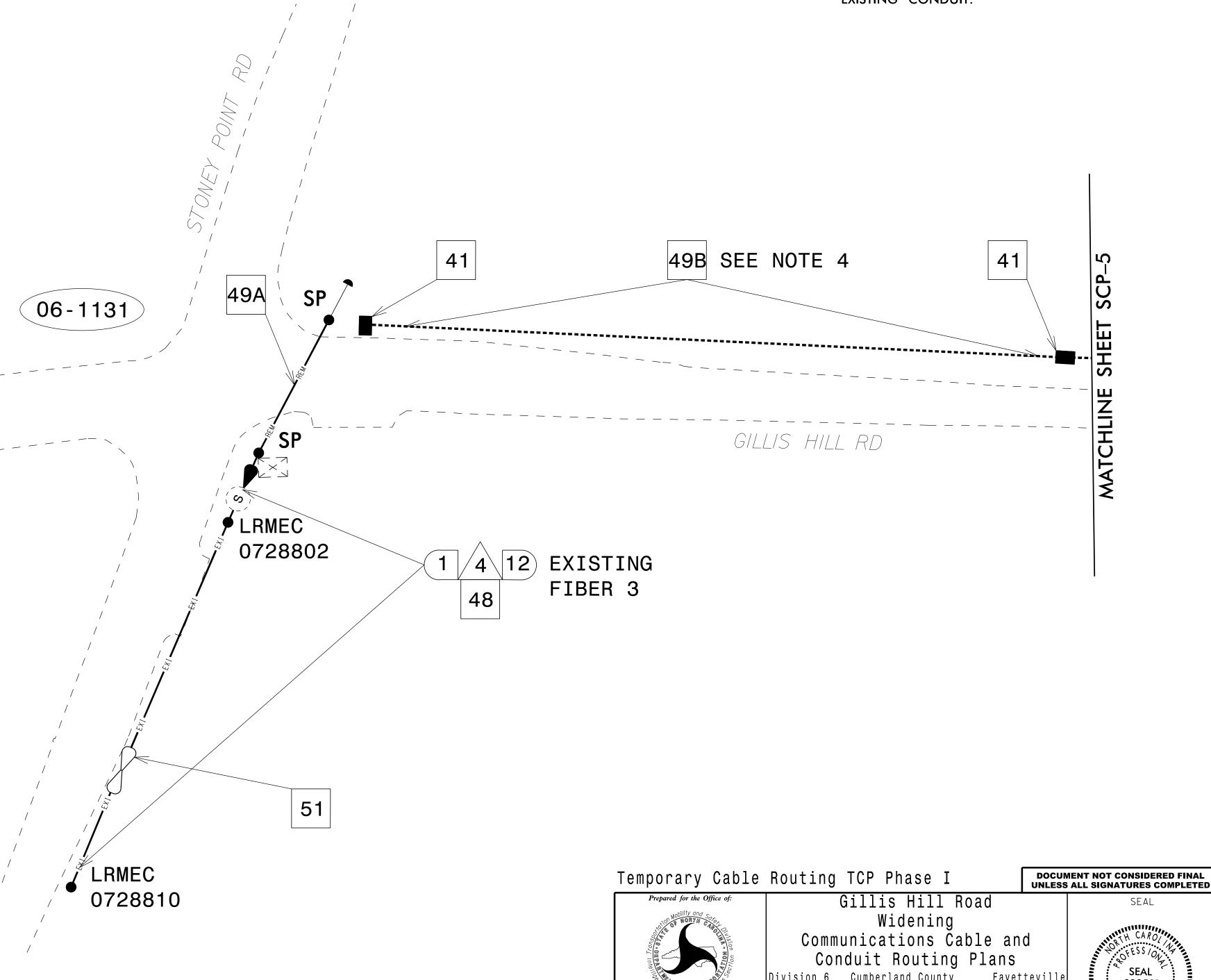
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PROJECT REFERENCE NO. SCP-4 U-5798A

NOTES

- 1. 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.
- 2. REMOVE EXISTING FIBER 3 FROM THE EXISTING SPLICE ENCLOSURE.
- 3. CAP EXISTING FIBER 3 AND BACKPULL TO, AND STORE ON, NEW FIBER STORAGE RACKS.
- 4. AFTER REMOVAL OF JUNCTION BOXES, BACKFILL WITH AN APPROVED MATERIAL. ABANDON EXISTING CONDUIT.



8521 SIX FORKS ROAD, SUITE 400 RALEIGH, NC 27615 (919) 926-4100

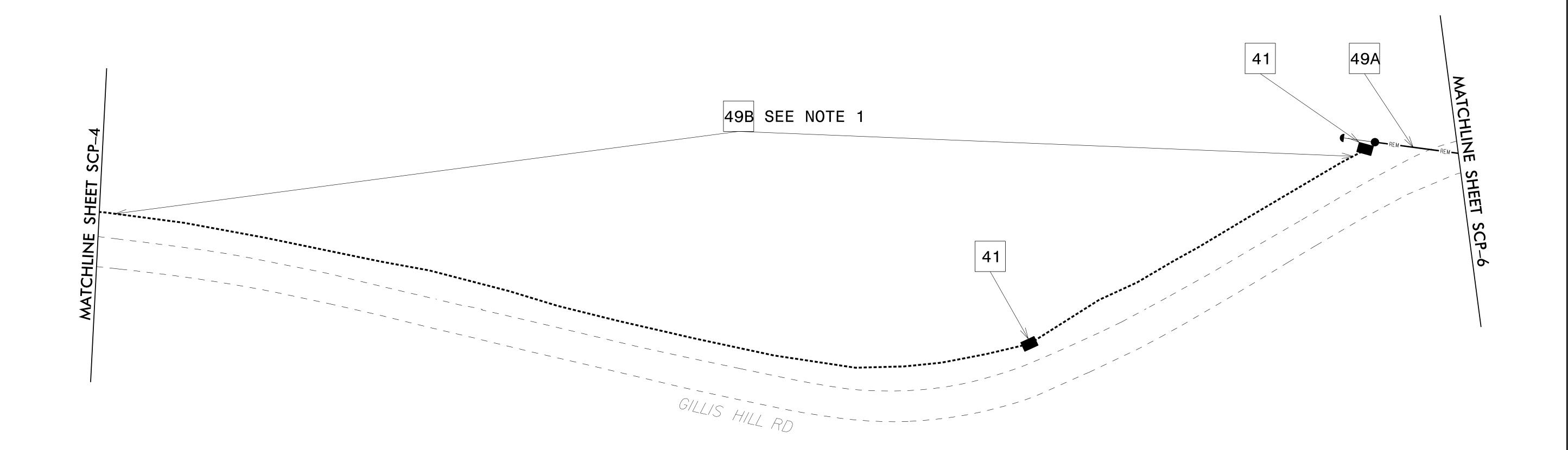
Division 6 Cumberland County Fayetteville PLAN DATE: January 2022 S.G. Haynie

750 N. Greenfield Pkwy., Garner, NC 27529 PREPARED BY: 0. Drobny REVIEWED BY: REVISIONS INIT. DATE

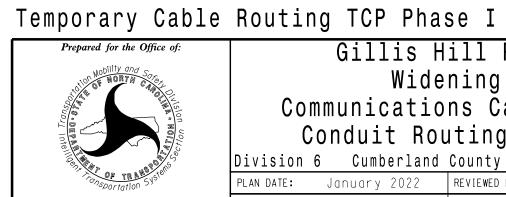
PROJECT REFERENCE NO. SHEET NO. SCP-5 U-5798A

NOTES

AFTER REMOVAL OF JUNCTION BOXES, BACKFILL WITH AN APPROVED MATERIAL. ABANDON EXISTING CONDUIT.



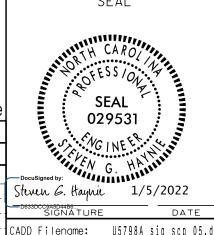
8521 SIX FORKS ROAD, SUITE 400 RALEIGH, NC 27615 (919) 926-4100



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED Gillis Hill Road Widening Communications Cable and

Conduit Routing Plans Division 6 Cumberland County Fayetteville PLAN DATE: January 2022 S.G. Haynie REVIEWED BY:

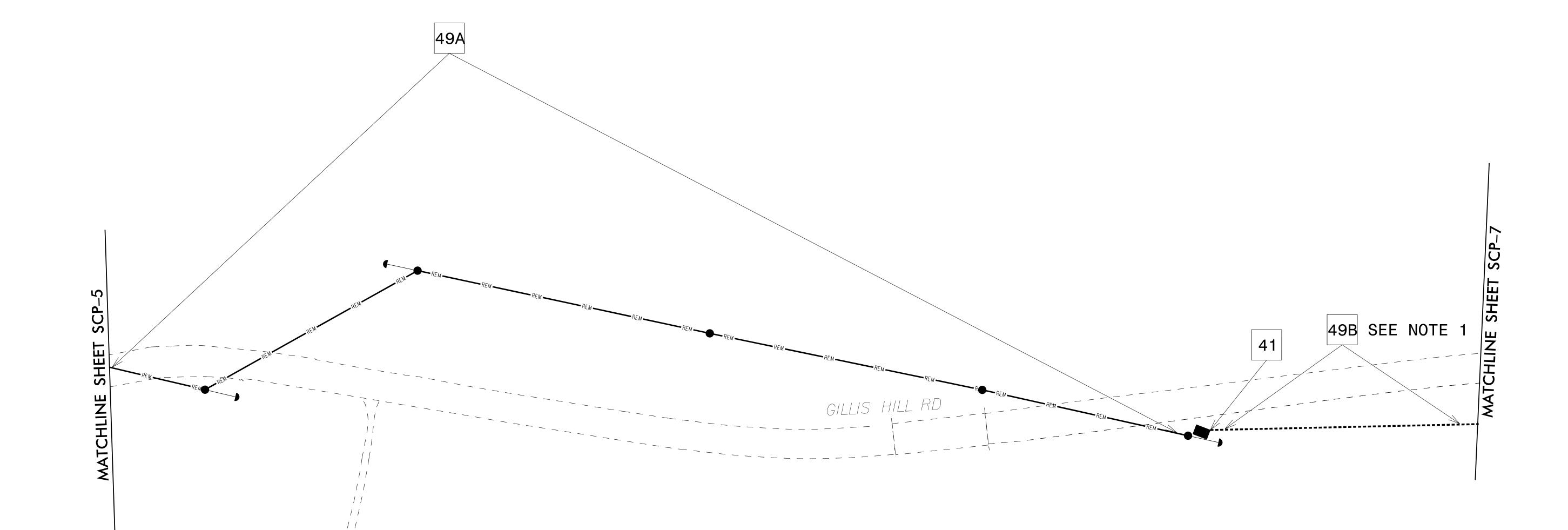
750 N. Greenfield Pkwy., Garner, NC 27529 PREPARED BY: 0. Drobny REVIEWED BY: REVISIONS INIT. DATE



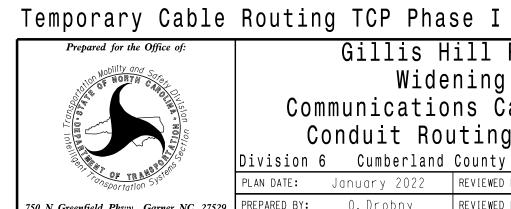
PROJECT REFERENCE NO. SHEET NO. SCP-6 U-5798A



AFTER REMOVAL OF JUNCTION BOXES, BACKFILL WITH AN APPROVED MATERIAL. ABANDON EXISTING CONDUIT.



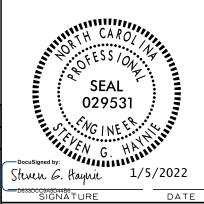




DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED Gillis Hill Road Widening Communications Cable and Conduit Routing Plans

Division 6 Cumberland County Fayetteville S.G. Haynie PLAN DATE: January 2022 REVIEWED BY:

750 N. Greenfield Pkwy., Garner, NC 27529 PREPARED BY: 0. Drobny REVIEWED BY: REVISIONS INIT. DATE



PROJECT REFERENCE NO. SHEET NO. U-5798A SCP-7

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Steven G. Haynie 1/5/2022

NOTES

Temporary Cable Routing TCP Phase I

750 N. Greenfield Pkwy., Garner, NC 27529 PREPARED BY: 0. Drobny

RSSI NC FIRM LICENSE No: F-0493

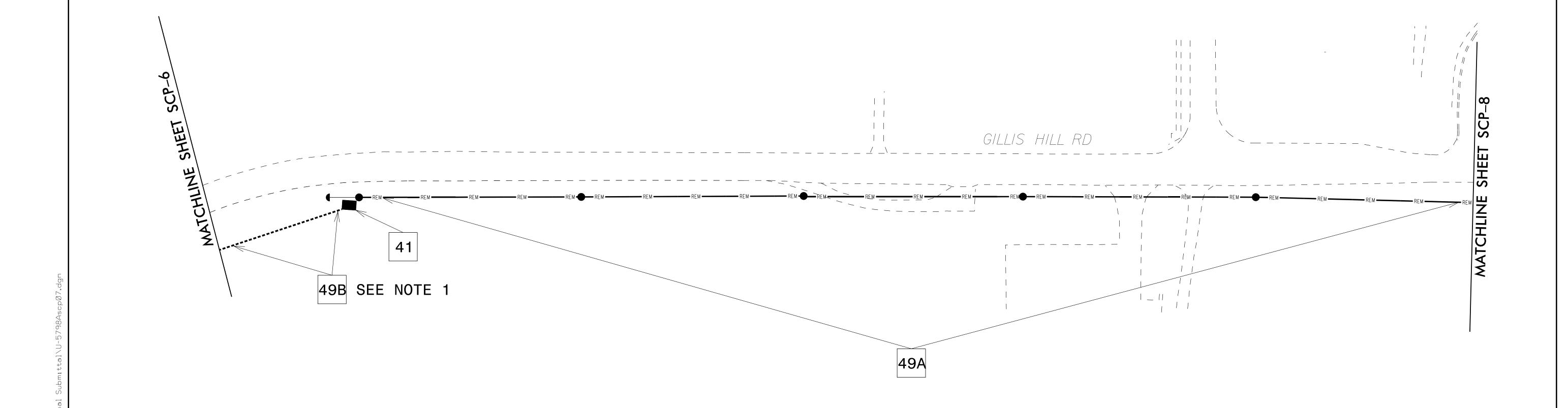
8521 SIX FORKS ROAD, SUITE 400 RALEIGH, NC 27615 (919) 926-4100 Gillis Hill Road
Widening
Communications Cable and
Conduit Routing Plans
Division 6 Cumberland County Fayetteville
PLAN DATE: January 2022 REVIEWED BY: S.G. Haynie

REVISIONS

REVIEWED BY:

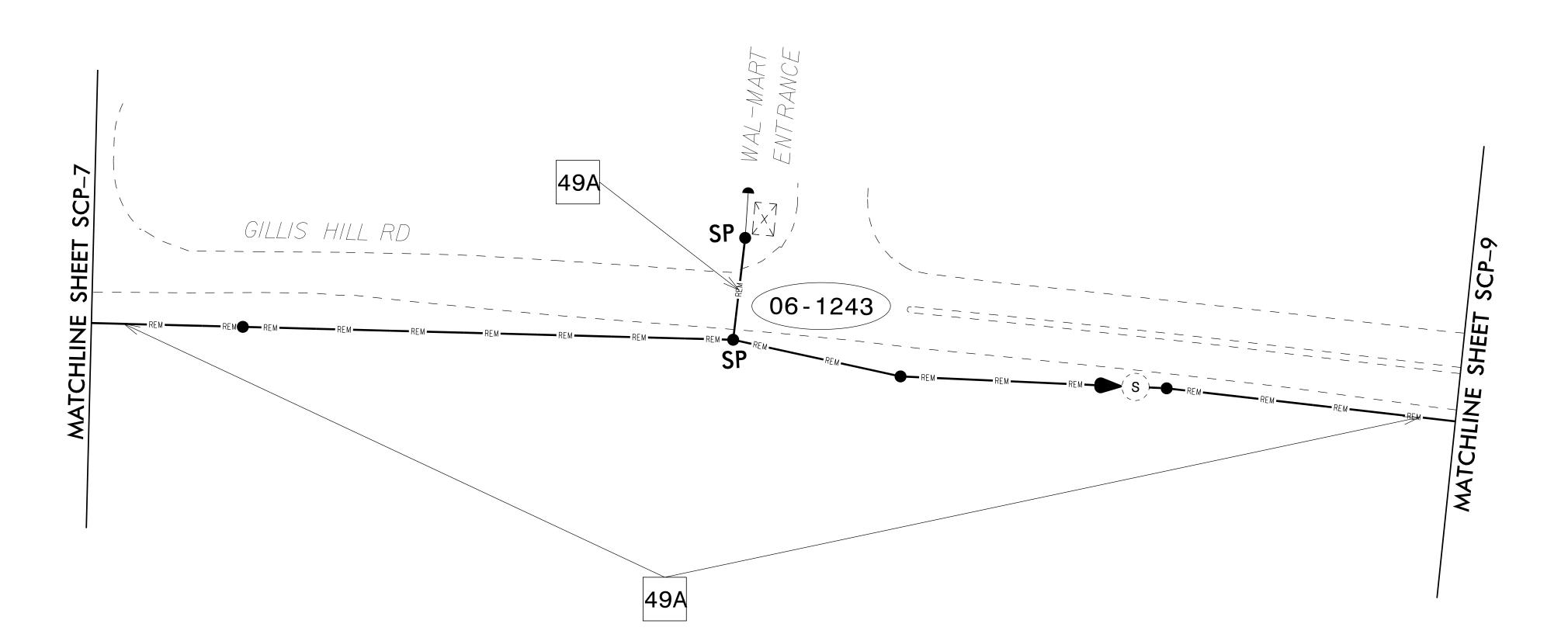
INIT. DATE

 AFTER REMOVAL OF JUNCTION BOXES, BACKFILL WITH AN APPROVED MATERIAL. ABANDON EXISTING CONDUIT.



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PROJECT REFERENCE NO. SHEET NO. U-5798A SCP-8



Temporary Cable Routing TCP Phase I

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



Gillis Hill Road
Widening
Communications Cable and
Conduit Routing Plans
Division 6 Cumberland County Fayetteville
PLAN DATE: January 2022 REVIEWED BY: S.G. Haynie 750 N. Greenfield Pkwy., Garner, NC 27529 PREPARED BY: 0. Drobny REVIEWED BY:

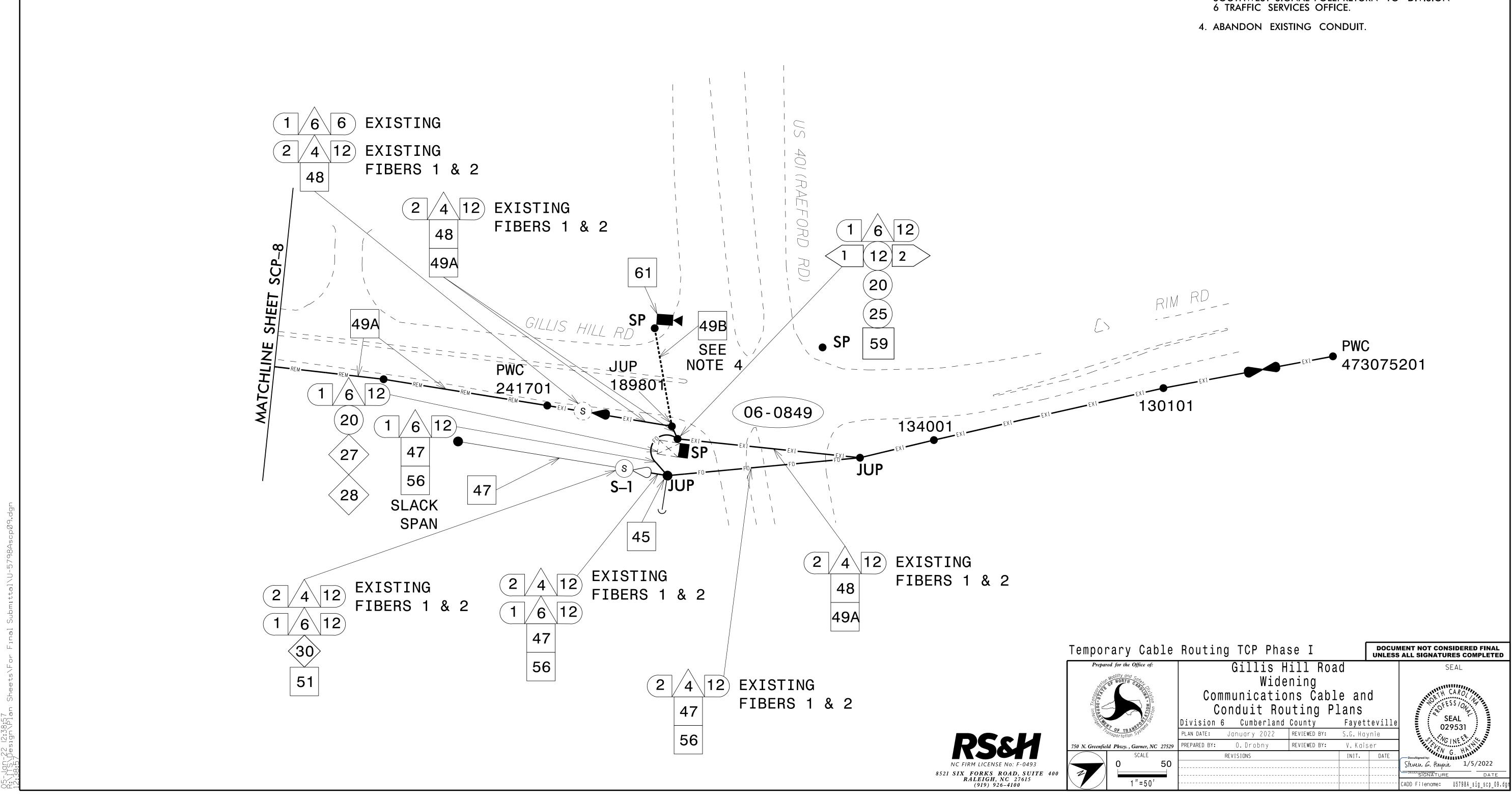
INIT. DATE REVISIONS

8521 SIX FORKS ROAD, SUITE 400 RALEIGH, NC 27615 (919) 926-4100

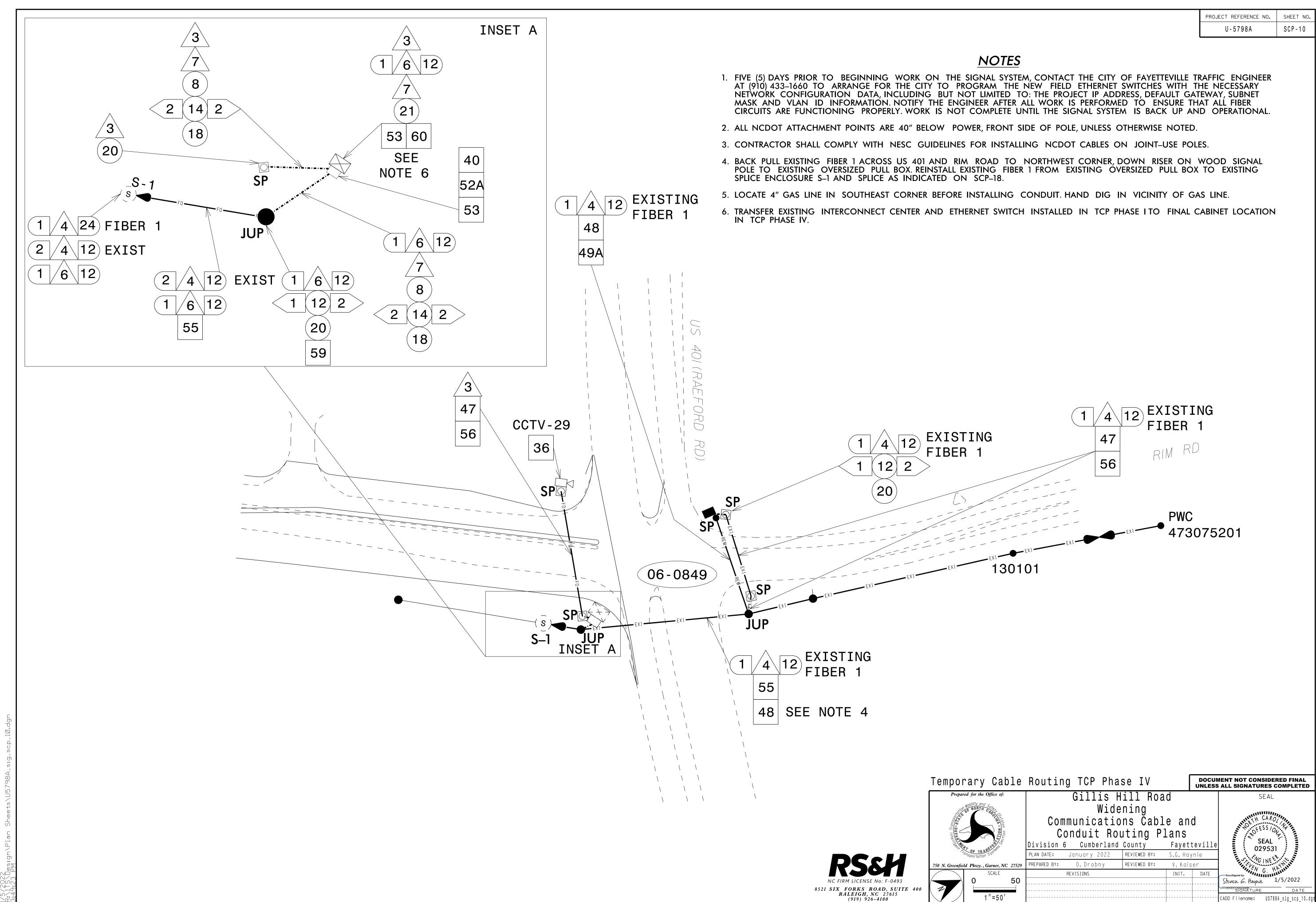
U-5798A SCP-9

NOTES

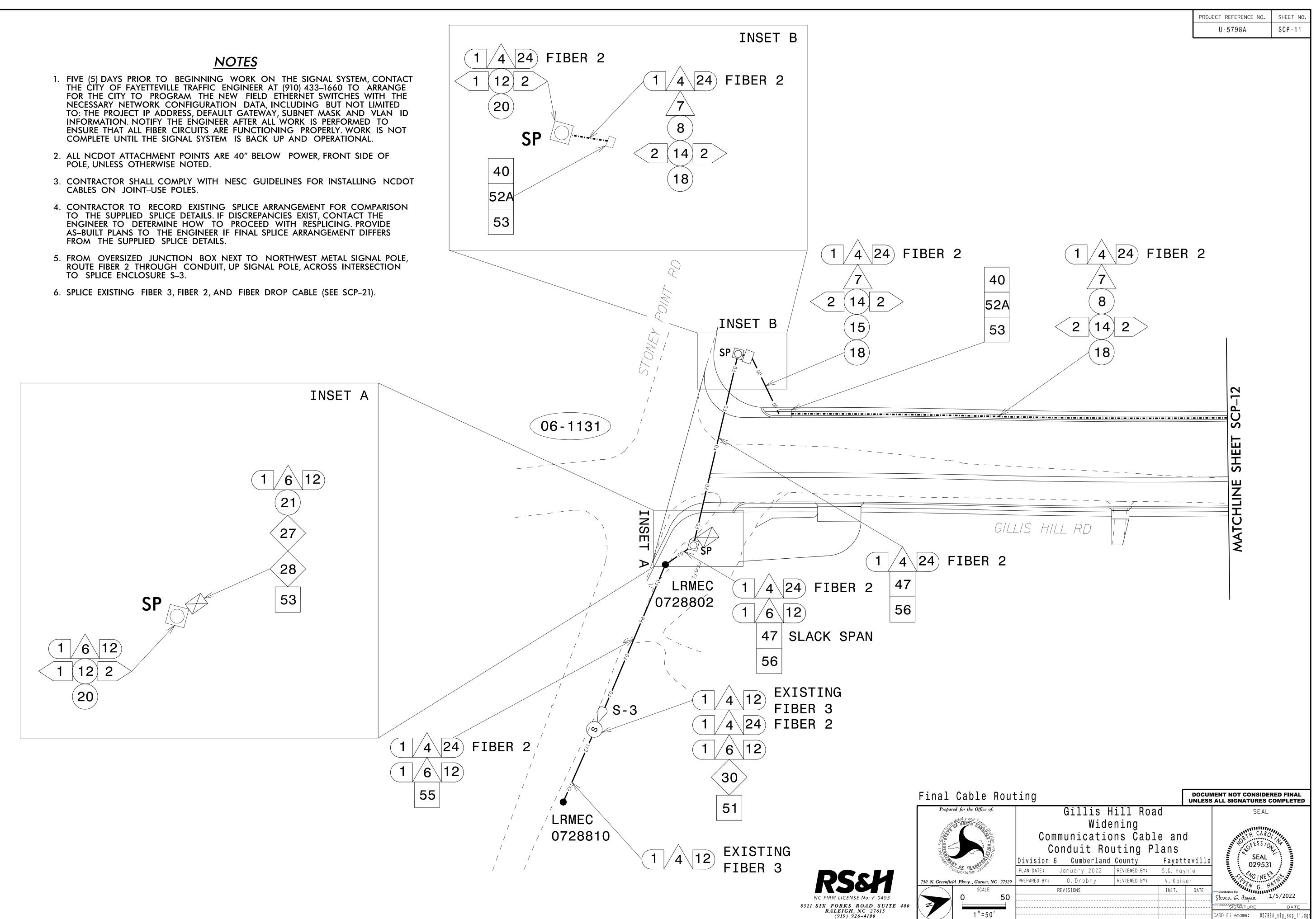
- 1. CONTRACTOR TO RECORD EXISTING SPLICE ARRANGEMENT FOR COMPARISON TO THE SUPPLIED SPLICE DETAILS. IF DISCREPANCIES EXIST, CONTACT THE ENGINEER TO DETERMINE HOW TO PROCEED WITH RESPLICING. PROVIDE AS-BUILT PLANS TO THE ENGINEER IF FINAL SPLICE ARRANGEMENT DIFFERS FROM THE SUPPLIED SPLICE DETAILS.
- 2. BACK PULL EXISTING FIBERS 1 AND 2 ACROSS
 US 401 TO THE NORTHEAST CORNER OF THE
 INTERSECTION. REINSTALL FIBERS 1 AND 2
 ACROSS US 401 AND SPLICE AS INDICATED ON
 SCP-17
- 3. REMOVE CCTV CAMERA ASSEMBLY ON EXISTING SOUTHWEST SIGNAL POLE. RETURN TO DIVISION 6 TRAFFIC SERVICES OFFICE.



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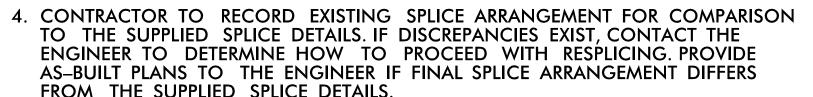
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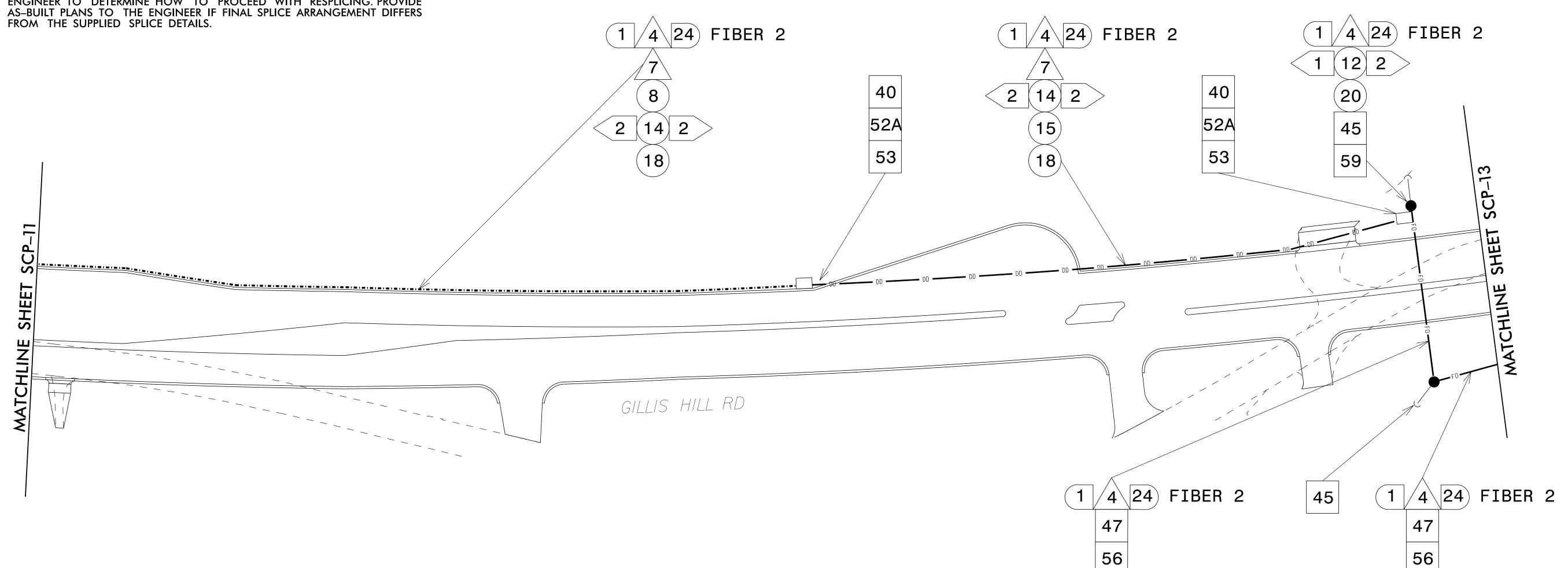


PROJECT REFERENCE NO. SHEET NO. SCP-12



- 1. FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE CITY OF FAYETTEVILLE TRAFFIC ENGINEER AT (910) 433–1660 TO ARRANGE FOR THE CITY 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 ENGINEER 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.
- 2. ALL NCDOT ATTACHMENT POINTS ARE 40" BELOW POWER, FRONT SIDE OF POLE, UNLESS OTHERWISE NOTED.
- 3. CONTRACTOR SHALL COMPLY WITH NESC GUIDELINES FOR INSTALLING NCDOT CABLES ON JOINT-USE POLES.







Prepared for the Office of:

Divis
PLAN DATE

750 N. Greenfield Pkwy., Garner, NC 27529

PREPARED

Gillis Hill Road
Widening
Communications Cable and
Conduit Routing Plans

Conduit Routing Plans

Division 6 Cumberland County Fayetteville

PLAN DATE: January 2022 REVIEWED BY: S.G. Haynie

PLAN DATE: January 2022 REVIEWED BY: S.G. Haynie

PREPARED BY: O. Drobny REVIEWED BY: V. Kaiser

REVISIONS INIT. DATE

SEAL
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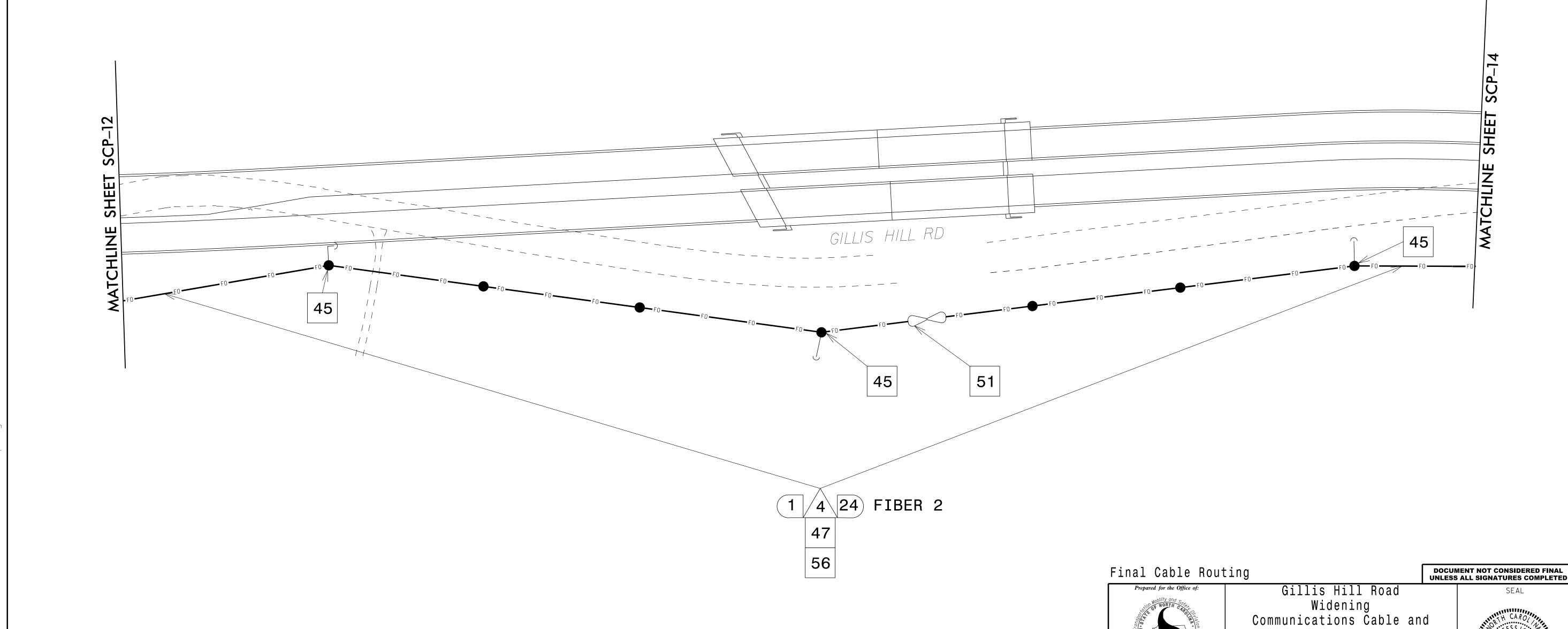
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OJECT REFERENCE NO.	SHEET NO.
U-5798A	SCP-13

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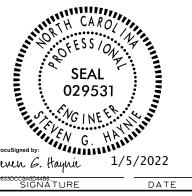
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8521 SIX FORKS ROAD, SUITE RALEIGH, NC 27615 (919) 926-4100

Conduit Routing Plans Division 6 Cumberland County Fayetteville

S.G. Haynie O. Drobny REVIEWED BY: REVISIONS INIT. DATE



U-5798A SCP-14

NOTES

- 1. FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE CITY OF FAYETTEVILLE TRAFFIC ENGINEER AT (910) 433–1660 TO ARRANGE FOR THE CITY 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 ENGINEER 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.
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Widening Communications Cable and Conduit Routing Plans

REVIEWED BY:

Fayetteville

INIT. DATE

S.G. Haynie

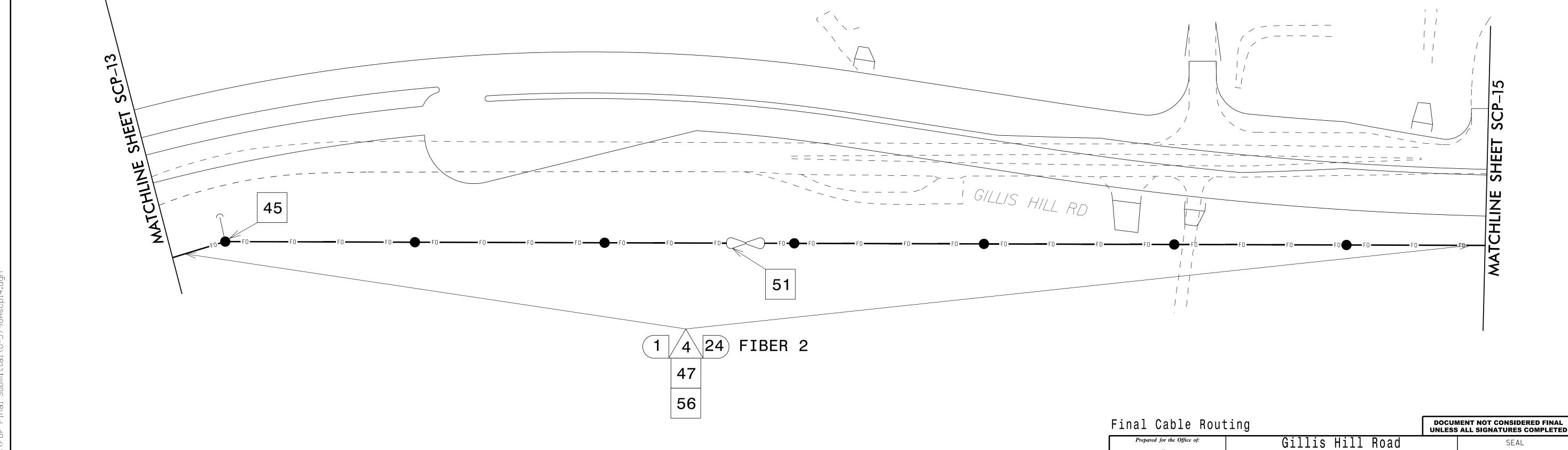
Division 6 Cumberland County

January 2022

O. Drobny

REVISIONS

8521 SIX FORKS ROAD, SUITE RALEIGH, NC 27615 (919) 926-4100

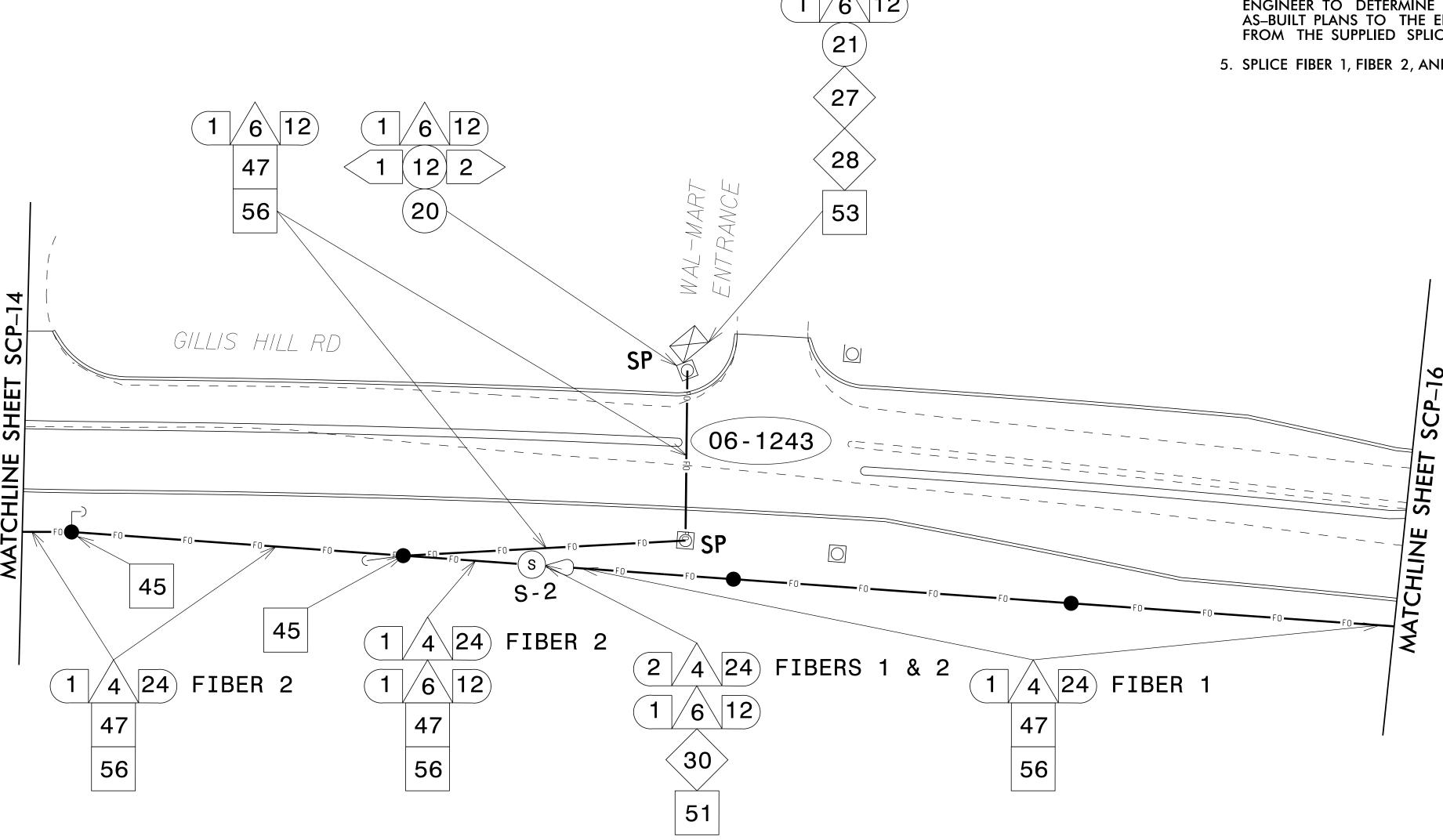


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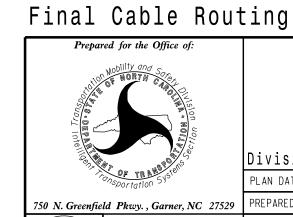
DJECT REFERENCE NO.	SHEET NO.
U-5798A	SCP-15

<u>NOTES</u>

- 1. FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE CITY OF FAYETTEVILLE TRAFFIC ENGINEER AT (910) 433–1660 TO ARRANGE FOR THE CITY 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 ENGINEER 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.
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- 5. SPLICE FIBER 1, FIBER 2, AND FIBER DROP CABLE (SEE SCP-20).



NC FIRM LICENSE No: F-0493
8521 SIX FORKS ROAD, SUITE 400
RALEIGH, NC 27615
(919) 926-4100



Gillis Hill Road Widening Communications Cable and Conduit Routing Plans

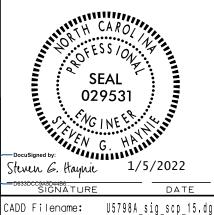
Conduit Routing Plans
Division 6 Cumberland County Fayetteville
PLAN DATE: January 2022 REVIEWED BY: S.G. Haynie

PLAN DATE: January 2022 REVIEWED BY: S.G. Haynie

PREPARED BY: O. Drobny REVIEWED BY: V. Kaiser

REVISIONS INIT. DATE

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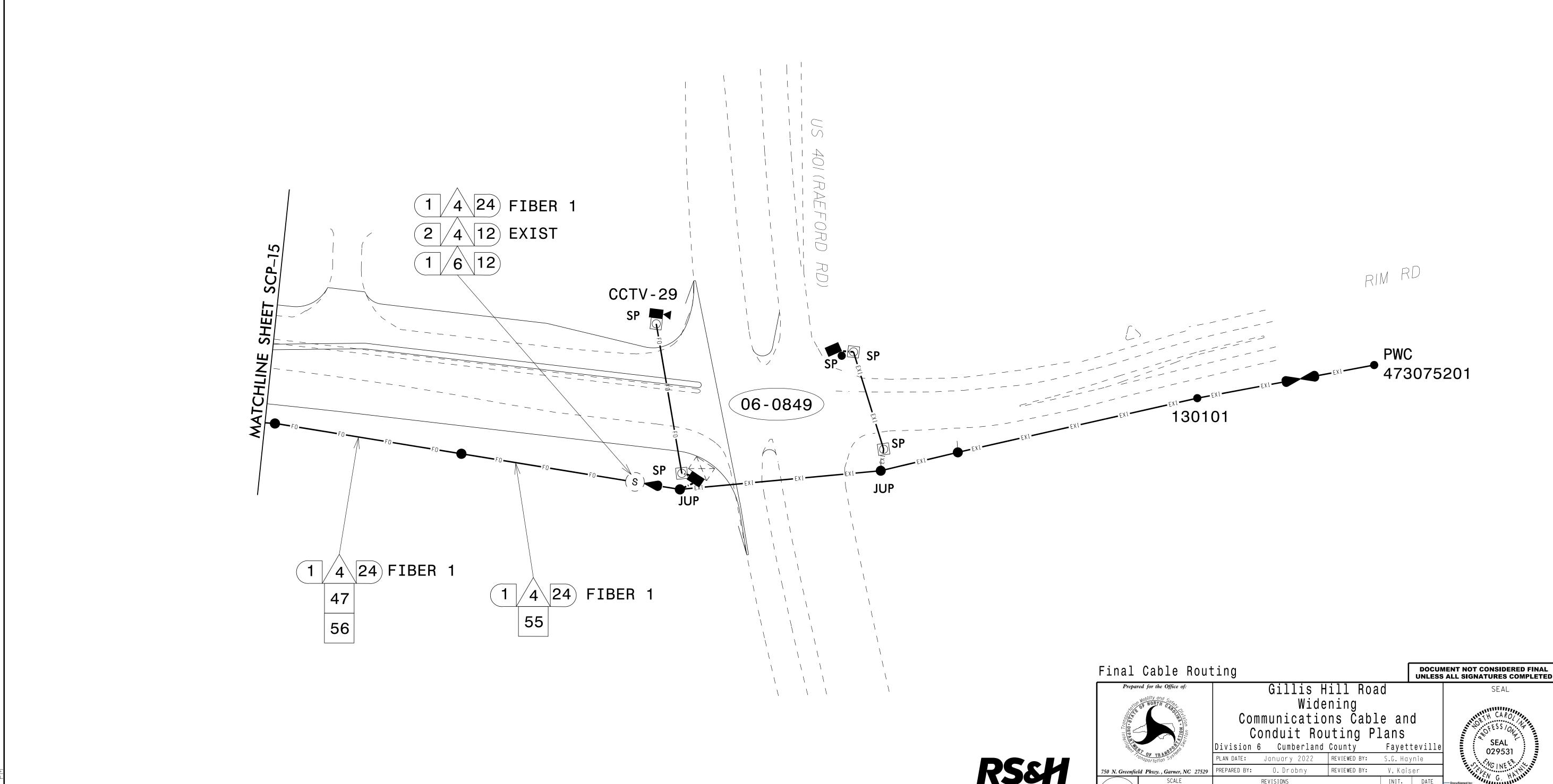
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

8521

PROJECT REFERENCE NO. SCP-16 U-5798A

NOTES

- 1. FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE CITY OF FAYETTEVILLE TRAFFIC ENGINEER AT (910) 433–1660 TO ARRANGE FOR THE CITY 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 ENGINEER 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.
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- 3. CONTRACTOR SHALL COMPLY WITH NESC GUIDELINES FOR INSTALLING NCDOT CABLES ON JOINT-USE POLES.
- 4. INSTALL FIBER 1 TO EXISTING SPLICE ENCLOSURE S-1 AND SPLICE AS INDICATED ON SCP-19.



8521 SIX FORKS ROAD, SUITE RALEIGH, NC 27615 (919) 926-4100

REVISIONS INIT. DATE

AND

SEAL

GIGE SWITCH

06-0849

2070 CONTROLLER

CONFLICT MONITOR

•••••

PROJECT REFERENCE NO. U-5798A

Fayetteville Signal System Splice Enclosure S–1 US 401 (Raeford Rd) at SR 1102 (Gillis Hill Rd) Sig ID 06–0849 EXISTING CABLE 2 ALONG RIM ROAD 12 FIBERS IN 1 BUFFER TUBE SPLICE TRAY CAP AND SEAL EXISTING CABLE 1 TO INTERSECTION 06–1277 BLACK AND US 401 (RAEFORD ROAD) AT TWO BALE LANE/RAEFORD RD 12 FIBERS IN 1 BUFFER TUBE CABINET AT INTERSECTION 06-0849 CAP AND SEAL DROP TO 06-0849 BLUE TO 06-0849

EXISTING CABLE ALONG GILLIS HILL RD (TO BE REMOVED)

12 FIBERS IN 1 BUFFER TUBE

LEGEND X - FUSION SPLICE

(8) BLACK (2) ORANGE (3) GREEN YELLOW (4) BROWN (10) VIOLET (5) SLATE (6) WHITE (11) ROSE (12) AQUA

— EXPRESS INDIVIDUAL FIBER EXPRESS ENTIRE BUFFER TUBE

SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED

NOTES:

- FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY ACTUAL EQUIPMENT FORM MAY
- NOTIFY THE CITY OF FAYETTEVILLE TRAFFIC ENGINEER AT (910) 433–1660 FIVE (5) DAYS PRIOR TO BEGINNING WORK ON SIGNAL SYSTEMS COMMUNICATIONS CABLE. NOTIFY THE ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. ALL WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM IS BACK UP AND OPERATIONAL.
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- TRANSCEIVER ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING \setminus ENSURING PROPER TERMINATIONS.
- 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.

Temporary Splicing - TCP Phase I

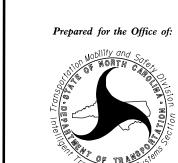
DOCUMENT NOT CONSIDERED FINAL **UNLESS ALL SIGNATURES COMPLETED**

SEAL

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Steven G. Haynie 1/5/2022

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750 N. Greenfield Pkwy., Garner, NC 27529

Gillis Hill Road Widening Fiber-Optic Splicing Details

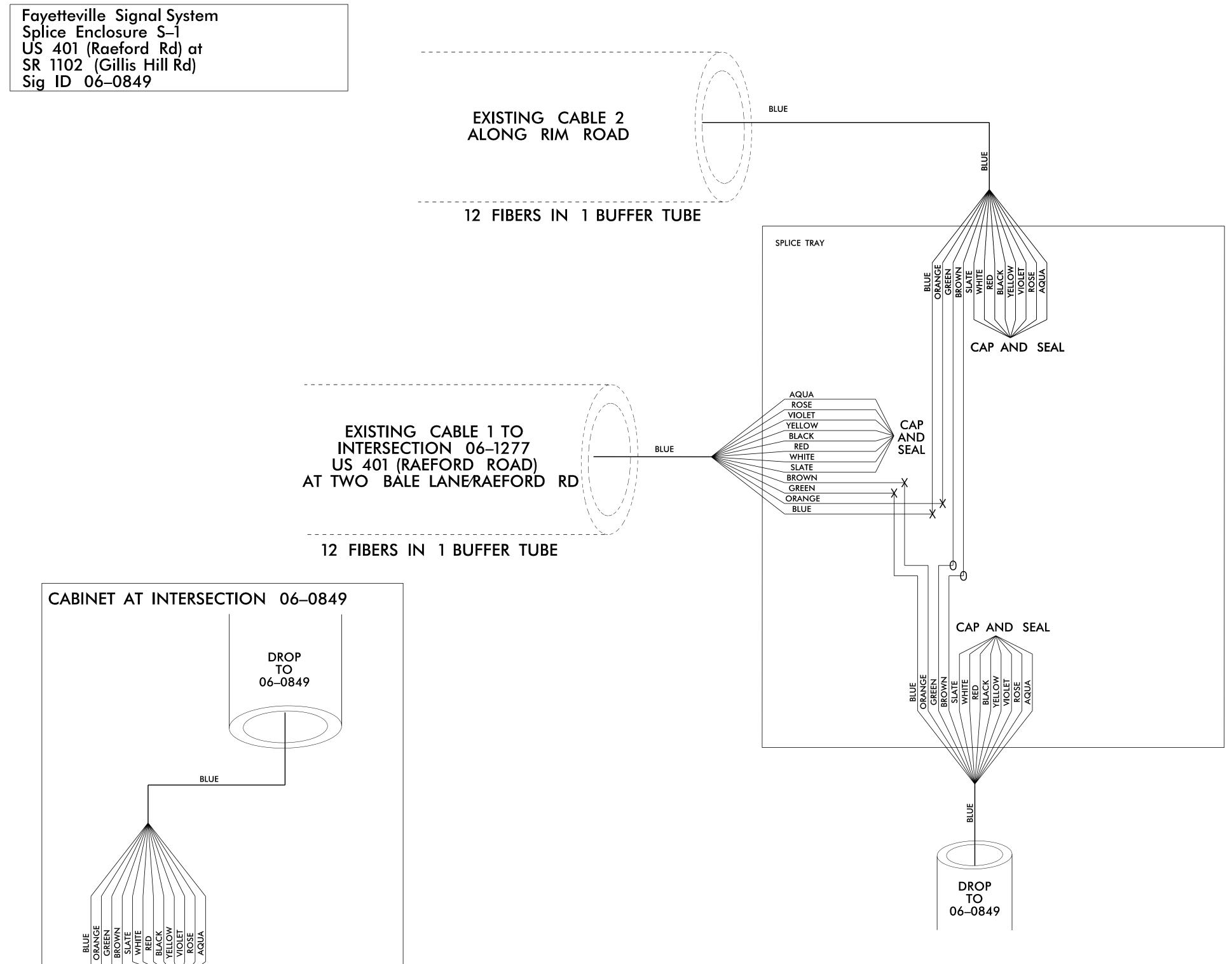
Division 6 Cumberland County Fayetteville January 2022 REVIEWED BY: V. Kaiser

PREPARED BY: S.G. Haynie REVIEWED BY: REVISIONS INIT. DATE

8521 SIX FORKS ROAD, SUITE 400



PROJECT REFERENCE NO. U-5798A



(8) BLACK (9) YELLOW (2) ORANGE — EXPRESS INDIVIDUAL FIBER (3) GREEN (4) BROWN (10) VIOLET EXPRESS ENTIRE BUFFER TUBE (5) SLATE (6) WHITE (11) ROSE (12) AQUA SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED NOTES: FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY - ACTUAL EQUIPMENT FORM MAY NOTIFY THE CITY OF FAYETTEVILLE TRAFFIC ENGINEER AT (910) 433–1660 FIVE (5) DAYS PRIOR TO BEGINNING WORK ON SIGNAL SYSTEMS COMMUNICATIONS CABLE. NOTIFY THE ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. ALL 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. TRANSCEIVER ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING \setminus ENSURING PROPER TERMINATIONS. INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING: REFERENCE SECTION 1731 "FIBER OPTIC SPLICE ENCLOSURE" 1) SPLICE LOCATION 2) DATE

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LEGEND

X - FUSION SPLICE

Temporary Splicing - TCP Phase IV

3) COMPANY NAME

DOCUMENT NOT CONSIDERED FINAL **UNLESS ALL SIGNATURES COMPLETED**

CADD Filename: U5798A_sig_scp_18.d



Gillis Hill Road Widening Fiber-Optic Splicing Details

4) NAME OF INDIVIDUAL PERFORMING THE SPLICING

Division 6 Cumberland County Fayetteville January 2022 REVIEWED BY:

PREPARED BY: S.G. Haynie REVIEWED BY: REVISIONS INIT. DATE

SEAL 029531 V. Kaiser Steven G. Haynie 1/5/2022

750 N. Greenfield Pkwy., Garner, NC 27529 8521 SIX FORKS ROAD, SUITE 400

AND SEAL 06-0849 2070 CONTROLLER ••••• GIGE SWITCH CONFLICT MONITOR

Fayetteville Signal System Splice Enclosure S–1 US 401 (Raeford Rd) at SR 1102 (Gillis Hill Rd) Sig ID 06–0849 EXISTING CABLE 2 ALONG RIM ROAD 12 FIBERS IN 1 BUFFER TUBE SPLICE TRAY CAP AND SEAL CAP NEW CABLE 1 TO AND SEAL SPLICE S-2 AT
INTERSECTION 06-1243
SR 1102 (GILLIS HILL ROAD)
AT WAL-MART DRIVEWAY ORANGE EXISTING CABLE 1 TO
INTERSECTION 06-1277
US 401 (RAEFORD ROAD)
AT TWO BALE LANE/RAEFORD RD YELLOW BLACK AQUA ROSE AND BLUE VIOLET ` WHITE YELLOW SLATE (SCP-15) AND BLACK RED SEAL WHITE SLATE BROWN 24 FIBERS IN 2 BUFFER TUBES ORANGE 12 FIBERS IN 1 BUFFER TUBE CABINET AT INTERSECTION 06-0849 CAP AND SEAL DROP TO 06-0849 **LEGEND** COLOR CODE TIA/EIA 598-C X - FUSION SPLICE O - EXISTING SPLICE (8) BLACK (9) YELLOW (10) VIOLET _ - EXPRESS INDIVIDUAL FIBER (3) GREEN (4) BROWN EXPRESS | EXPRESS ENTIRE BUFFER TUBE (5) SLATE (11) ROSE (6) WHITE (12) AQUA SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED BLUE NOTES: FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY - ACTUAL EQUIPMENT FORM MAY NOTIFY THE CITY OF FAYETTEVILLE TRAFFIC ENGINEER AT (910) 433–1660 FIVE (5) DAYS PRIOR TO BEGINNING WORK ON SIGNAL SYSTEMS COMMUNICATIONS CABLE. NOTIFY THE ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. ALL WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM IS BACK CONTRACTOR TO RECORD EXISTING SPLICE ARRANGEMENT FOR COMPARISON TO THE DROP SUPPLIED SPLICE DETAILS, IF DISCREPANCIES EXIST, CONTACT THE ENGINEER TO DETERMINE TO HOW TO PROCEED WITH RESPLICING. PROVIDE AS-BUILT PLANS TO THE ENGINEER IF FINAL SPLICE ARRANGEMENT DIFFERS FROM THE SUPPLIED SPLICE DETAILS. 06-0849 TRANSCEIVER 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" 1) SPLICE LOCATION 3) COMPANY NAME 4) NAME OF INDIVIDUAL PERFORMING THE SPLICING AND 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. 06-0849 Final Phase DOCUMENT NOT CONSIDERED FINAL 2070 CONTROLLER **UNLESS ALL SIGNATURES COMPLETED** Gillis Hill Road Prepared for the Office of: Widening Fiber-Optic Splicing Details ••••• GIGE SWITCH **CONFLICT MONITOR** SEAL Division 6 Cumberland County Fayetteville 029531 REVIEWED BY: January 2022 V. Kaiser PREPARED BY: S.G. Haynie REVIEWED BY: CCTV 29

PROJECT REFERENCE NO.

REVISIONS

750 N. Greenfield Pkwy., Garner, NC 27529

8521 SIX FORKS ROAD, SUITE 400 RALEIGH, NC 27615 (919) 926-4100

INIT. DATE

Steven G. Haynie

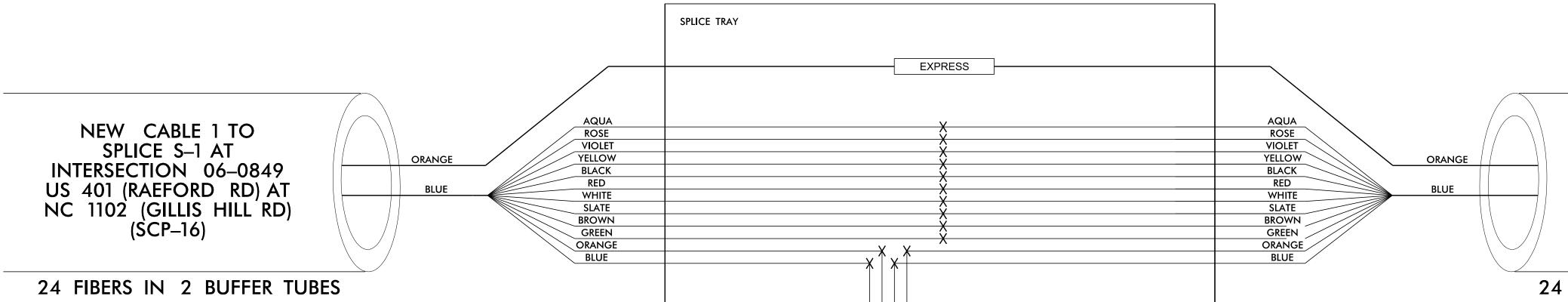
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SCP-19 U-5798A

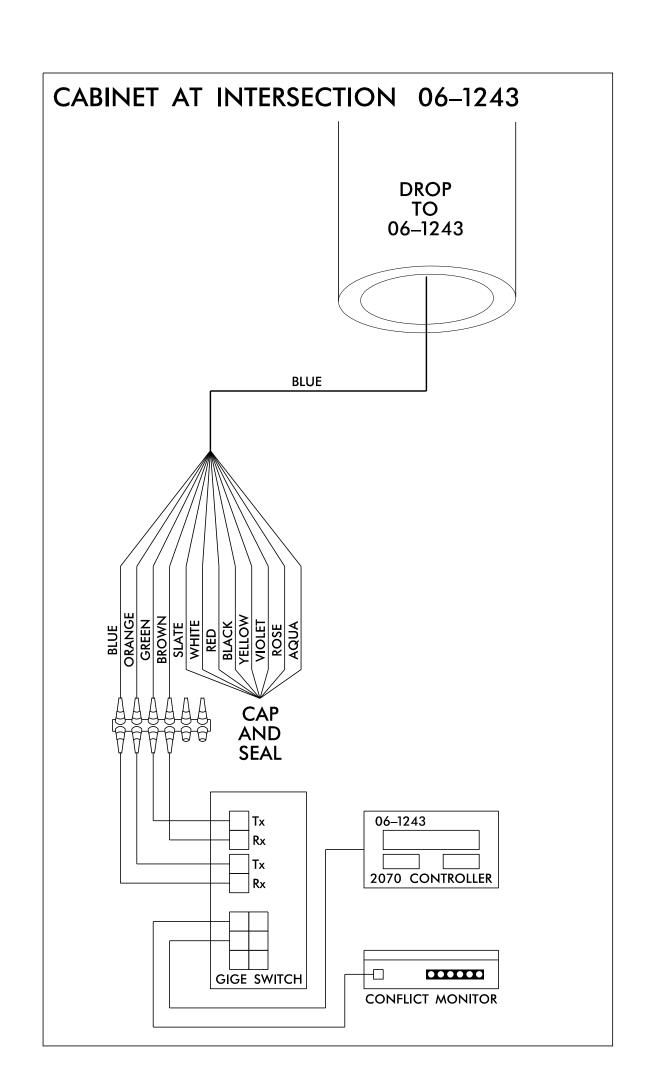
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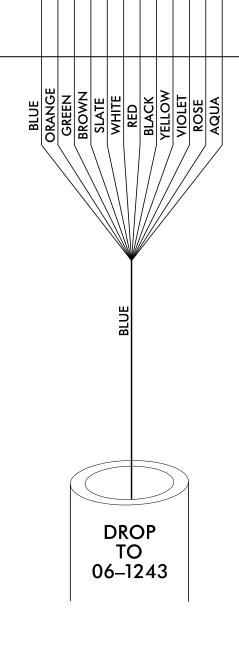
Fayetteville Signal System Splice Enclosure S–2 SR 1102 (Gillis Hill Rd) at Wal–Mart Driveway Sig ID 06–1243



NEW CABLE 2 TO SPLICE S-3 AT INTERSECTION 06-1131 NC 1102 (GILLIS HILL RD) AT NC 1112 (STONEY POINT RD) (SCP-11)

24 FIBERS IN 2 BUFFER TUBES





CAP AND SEAL

COLOR CODE TIA/EIA 598-C (2) ORANGE (3) GREEN (4) BROWN (5) SLATE

(8) BLACK (9) YELLOW (10) VIOLET (11) ROSE (12) AQUA

LEGEND X - FUSION SPLICE

> () – EXISTING SPLICE EXPRESS INDIVIDUAL FIBER

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

NOTES:

(6) WHITE

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Final Phase

DOCUMENT NOT CONSIDERED FINAL **UNLESS ALL SIGNATURES COMPLETED**

SEAL

029531

CADD Filename: U5798A sig scp 20.dq



Widening Fiber-Optic Splicing Details

Gillis Hill Road

Division 6 Cumberland County REVIEWED BY: PLAN DATE: January 2022 V. Kaiser PREPARED BY: S.G. Haynie REVIEWED BY: REVISIONS INIT. DATE

Fayetteville Steven G. Haynie 1/5/2022 -D633DCSA5DMATURE

750 N. Greenfield Pkwy., Garner, NC 27529

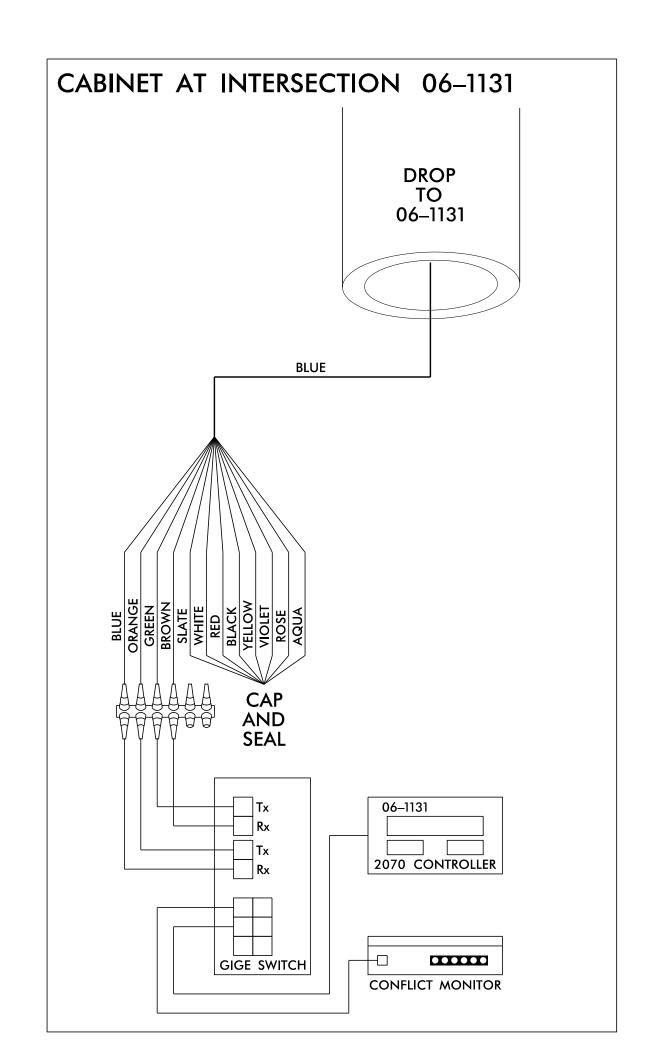
8521 SIX FORKS ROAD, SUITE 400 RALEIGH, NC 27615 (919) 926-4100

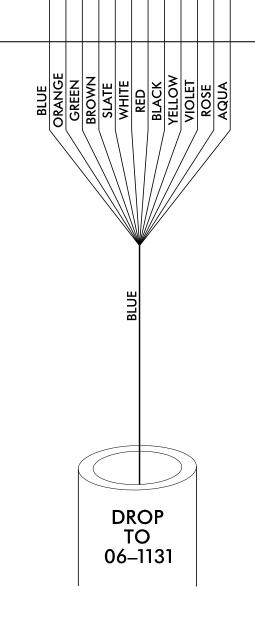
PROJECT REFERENCE NO. SCP-21 U-5798A

Fayetteville Signal System Splice Enclosure S–3 SR 1102 (Gillis Hill Rd) at SR 1112 (Stoney Point Rd) Sig ID 06–1131

SPLICE TRAY CAP AND SEAL NEW CABLE 2 TO ROSE VIOLET SPLICE S-2 AT INTERSECTION 06-1243 YELLOW EXISTING CABLE 3 ALONG ORANGE AND BLACK STONEY POINT RD (FOR FUTURE USE) NC 1102 (GILLIS HILL RD) AT WAL-MART DRIVEWAY (SCP-15) SEAL _____BLUE___; WHITE BROWN 24 FIBERS IN 2 BUFFER TUBES 12 FIBERS IN 1 BUFFER TUBE

CAP AND SEAL





(2) ORANGE (3) GREEN (4) BROWN (5) SLATE

(8) BLACK (9) YELLOW (10) VIOLET (11) ROSE (12) AQUA

LEGEND X - FUSION SPLICE

> () – EXISTING SPLICE — EXPRESS INDIVIDUAL FIBER

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

NOTES:

(6) WHITE

- FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY ACTUAL EQUIPMENT FORM MAY
- NOTIFY THE CITY OF FAYETTEVILLE TRAFFIC ENGINEER AT (910) 433–1660 FIVE (5) DAYS PRIOR TO BEGINNING WORK ON SIGNAL SYSTEMS COMMUNICATIONS CABLE. NOTIFY THE ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. ALL 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.
- TRANSCEIVER 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"

1) SPLICE LOCATION

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.

Final Phase

DOCUMENT NOT CONSIDERED FINAL **UNLESS ALL SIGNATURES COMPLETED**



Widening Fiber-Optic Splicing Details

Gillis Hill Road

Division 6 Cumberland County Fayetteville REVIEWED BY: PLAN DATE: January 2022 V. Kaiser PREPARED BY: S.G. Haynie REVIEWED BY: REVISIONS INIT. DATE

SEAL 029531 Steven G. Haynie 1/5/2022 - D633DSG9A5R4B6TURE

CADD Filename: U5798A sig scp 21.d

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