

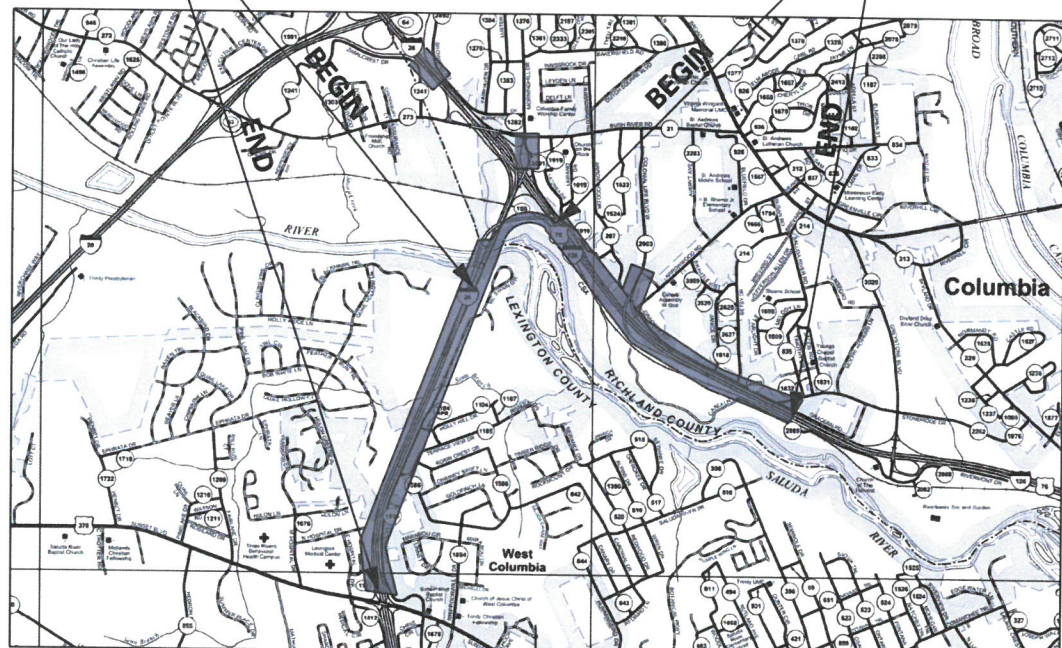
SHEET NO.	DESCRIPTION	SHEET TOTALS
1	TITLE SHEET	1
IT 02	I.T.S. SHEET	OMITTED
IT 03	SCDOT TYPICAL DRAWINGS	1
IT 04	GENERAL CONSTRUCTION NOTES	1
IT 5 - IT 15	I.T.S. SHEETS	OMITTED
IT 16 - IT 22	I.T.S. PLAN SHEETS	7
	TOTAL	10



INTELLIGENT TRANSPORTATION SYSTEMS PLANS
FOR LEXINGTON & RICHLAND COUNTIES
PROJECT ID P039718
CAROLINA CROSSROADS PHASE 1
COLONIAL LIFE BOULEVARD AT I-126 INTERCHANGE
I-26 FROM JUST NORTH OF THE SALUDA RIVER
TO US 378 RTE INTERCHANGE

FROM I-26 STA. 405+44.38
TO I-26 STA. 470+00.00

FROM I-126 STA. 7+57.88
TO I-126 STA. 75+00



LAYOUT
NOT TO SCALE

CITY OF COLUMBIA

■ = PROJECT LOCATION AREA

3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA
CALL 811
SOUTH CAROLINA 811 (SC811)
WWW.SC811.COM
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

RAILROAD INVOLVEMENT?
☒ YES ☐ NO

TRAFFIC DATA			
	I-26	I-126	
2020 ADT	95,500	116,600	
2040 ADT	67,600	82,500	
TRUCKS	15	%	



	I-26	I-126	RAMPS	SIDE ROADS	TOTAL
NET LENGTH OF ROADWAY	1.507	1.277	3.661	0.996	7.442
NET LENGTH OF BRIDGES	-	-	0.853	-	0.853
NET LENGTH OF PROJECT	1.507	1.277	4.514	0.996	8.295
LENGTH OF EXCEPTIONS	-	-	-	-	-
GROSS LENGTH OF PROJECT	1.507	1.277	4.514	0.997	8.295

EXCEPT AS MAY BE OTHERWISE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS,
ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH
CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY
CONSTRUCTION (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN
EFFECT AT THE TIME OF FINAL RFP.

CONSULTING ENGINEERING FIRM



ENGINEER OF RECORD



FOR CONSTRUCTION: As Noted DATE

NPDES PERMIT INFORMATION

DISTURBED AREA = 0.9 ACRES

PROJECT AREA = 1.9 ACRES

APPROXIMATE LOCATION OF ROADWAY IS

BEGIN I-26
LATITUDE 34° 02'05.44"N
LONGITUDE 81° 06'08.47"W

END I-26
LATITUDE 34° 00'17.60"N
LONGITUDE 81° 06'31.13"W

BEGIN I-126
LATITUDE 34° 01'36.10"N
LONGITUDE 81° 06'00.99"W

END I-126
LATITUDE 34° 00'53.97"N
LONGITUDE 81° 05'00.99"W

Hydraulic and NPDES Design
provided by:

INFRASTRUCTURE CONSULTING AND ENGINEERING

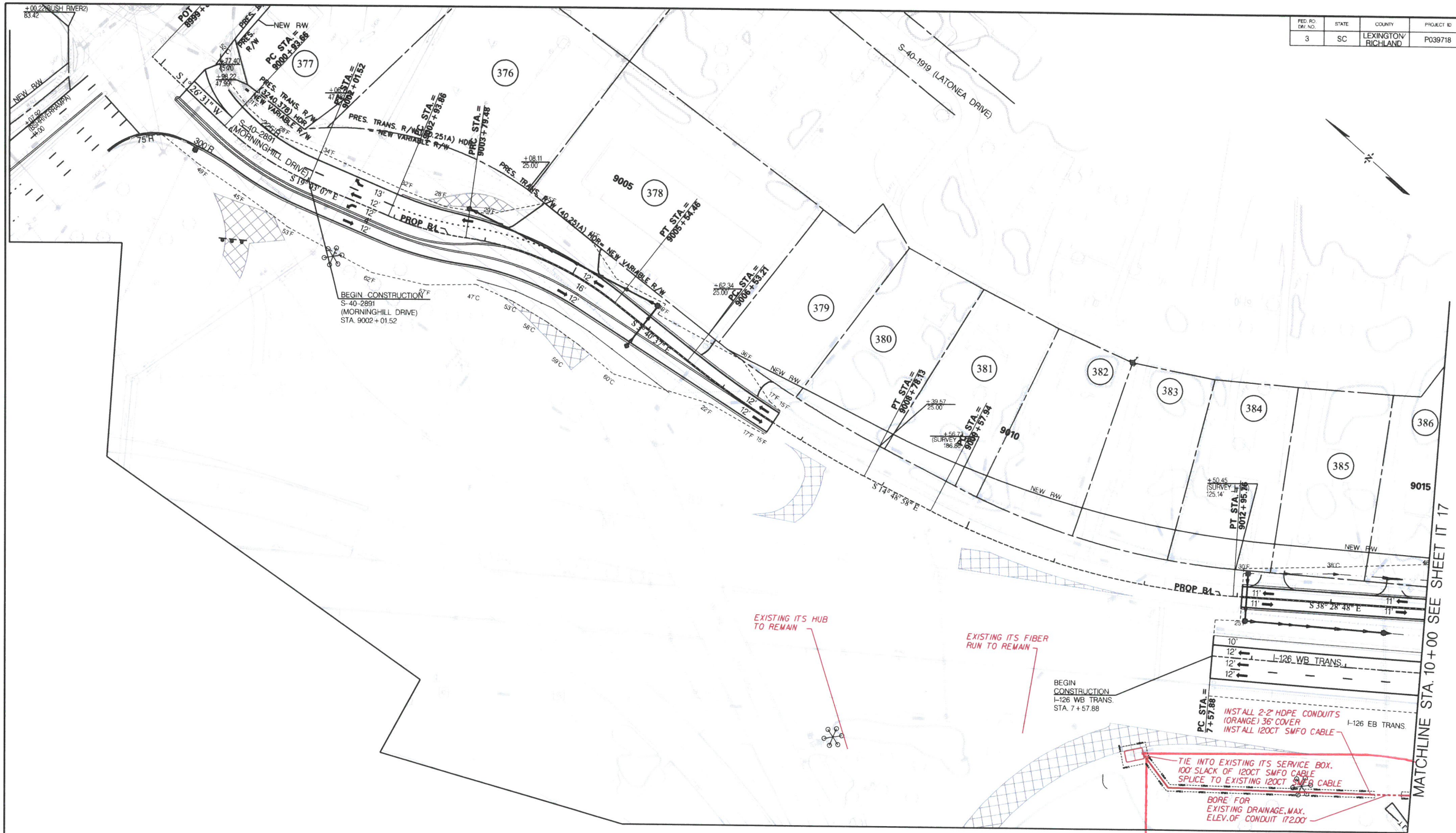
Designs may be obtained from the
SCDOT Design-Build Group

For Right Of Way Acquisition:

Consultant Engineer of Record

Date

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	LEXINGTON/RICHLAND	P039718	I-26	IT 16



EXISTING ITS HUB
TO REMAIN

EXISTING ITS FIBER
RUN TO REMAIN

BEGIN
CONSTRUCTION
I-126 WB TRANS.
STA. 7+57.88

INSTALL 2-2" HDPE CONDUITS
(ORANGE) 36" COVER
INSTALL 120CT SMFO CABLE

TIE INTO EXISTING ITS SERVICE BOX.
100' SLACK OF 120CT SMFO CABLE
SPICE TO EXISTING 120CT SMFO CABLE

BORE FOR
EXISTING DRAINAGE, MAX.
ELEV. OF CONDUIT 172.00'

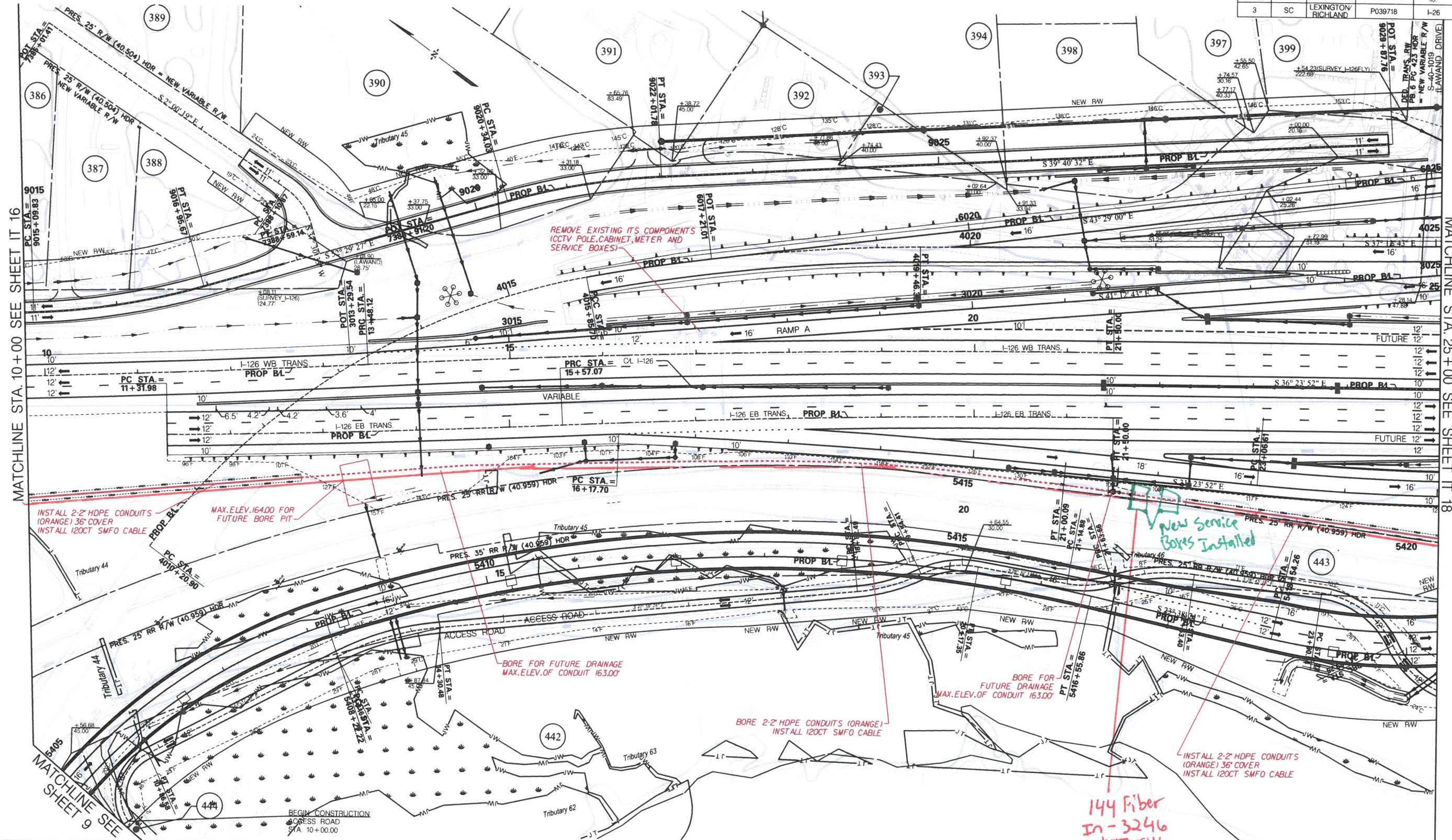
144 F
conduit-1812
TIP-1512

MATCHLINE STA. 10+00 SEE SHEET IT 17

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1/13/2022

 LEGEND PAVEMENT REMOVAL	ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET. RIGHT-OF-WAY SECURED UNDER PROJECT ID P027662.	 JOINT VENTURE	 2022.01.13 15:15:51-05'00"	SCALE: 1" = 50'	<table><tr><td>6</td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td></tr><tr><td>3</td><td></td><td></td><td></td></tr><tr><td>2</td><td></td><td></td><td></td></tr><tr><td>1</td><td></td><td></td><td></td></tr><tr><td>0</td><td>AOL</td><td>01-13-22</td><td>RELEASED FOR CONSTRUCTION</td></tr><tr><td>REV. NO.</td><td>BY</td><td>DATE</td><td>DESCRIPTION OF REVISION</td></tr></table>	6				5				4				3				2				1				0	AOL	01-13-22	RELEASED FOR CONSTRUCTION	REV. NO.	BY	DATE	DESCRIPTION OF REVISION	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION																																			
	 SCALE: 1" = 50'				CAROLINA CROSSROADS PHASE 1																																	
					I.T.S. PLAN SHEET																																	

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE	SHEET NO.
3	SC	LEXINGTON / RICHLAND	P039718	I-26	IT 17



MATCHLINE STA. 10+00 SEE SHEET IT 16

MATCHLINE STA. 25+00 SEE SHEET IT 18

INSTALL 2-2 HDPE CONDUITS (ORANGE) 36\"/>

MAX. ELEV. 164.00 FOR FUTURE BORE PIT

PC STA = 16+17.70

BORE FOR FUTURE DRAINAGE MAX. ELEV. OF CONDUIT 163.00'

BORE 2-2 HDPE CONDUITS (ORANGE) INSTALL 120CT SMFO CABLE

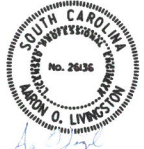
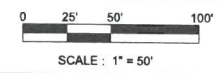
BORE FOR FUTURE DRAINAGE MAX. ELEV. OF CONDUIT 163.00'

New Service Boxes Installed

144 Fiber In - 3246 Out - 3546

LEGEND
PAVEMENT REMOVAL

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET.
RIGHT-OF-WAY SECURED UNDER PROJECT ID P027662.



SCALE: 1" = 50'

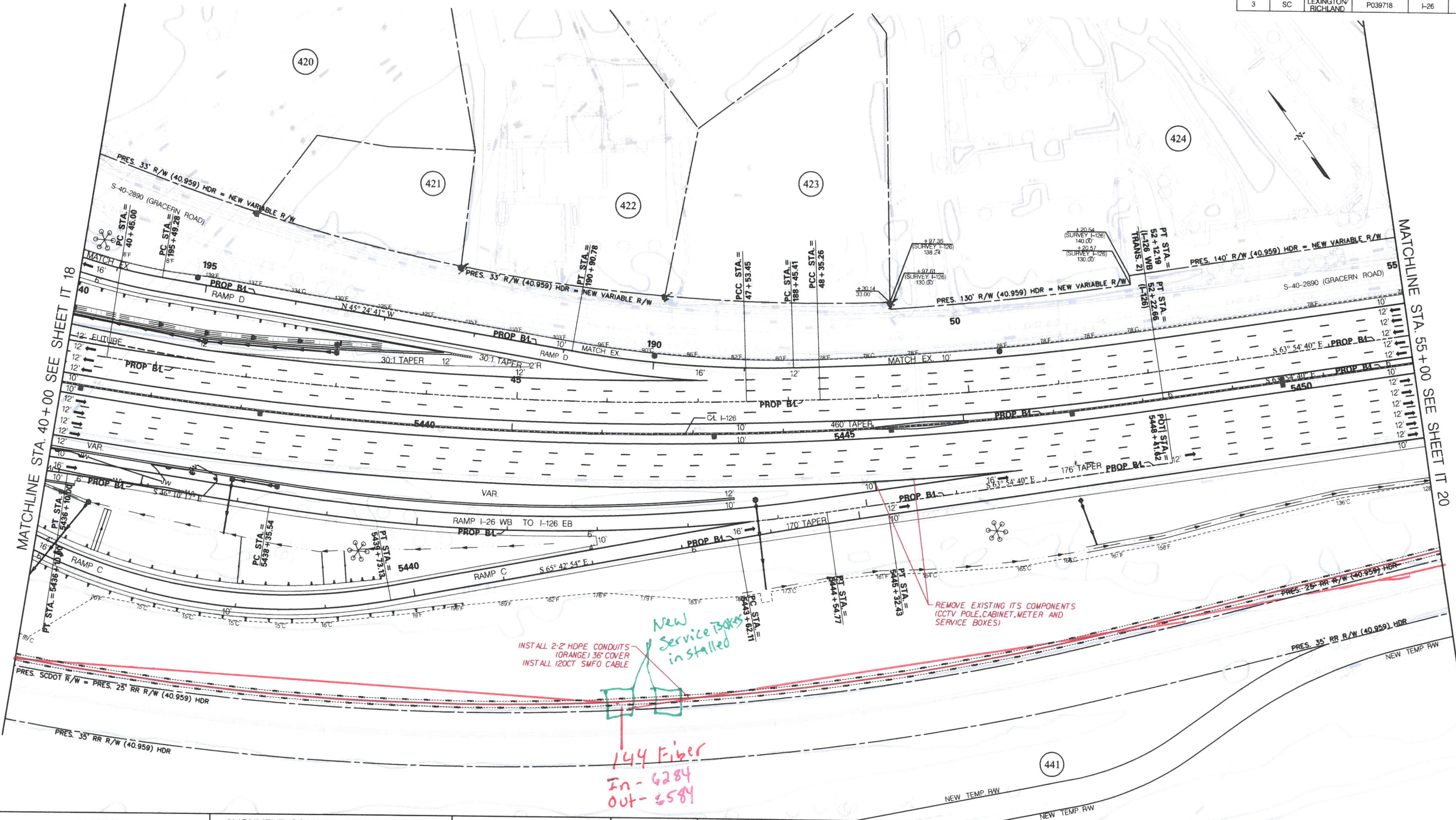
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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0	AOL	01-13-22	RELEASED FOR CONSTRUCTION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION


CAROLINA CROSSROADS PHASE 1

I.T.S. PLAN SHEET

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD ROUTE NO.	SHEET NO.
3	SC	LEXINGTON/RICHLAND	P039718	I-26	IT 19




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1/13/2022



**LEGEND**
PAVEMENT REMOVAL

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET.
RIGHT-OF-WAY SECURED UNDER PROJECT ID P027662.

025'50'100'

SCALE: 1" = 50'

**ARCHER-UNITED**
JOINT VENTURE



2022.01.13 15:16:40-05'00'

SCALE: 1" = 50'

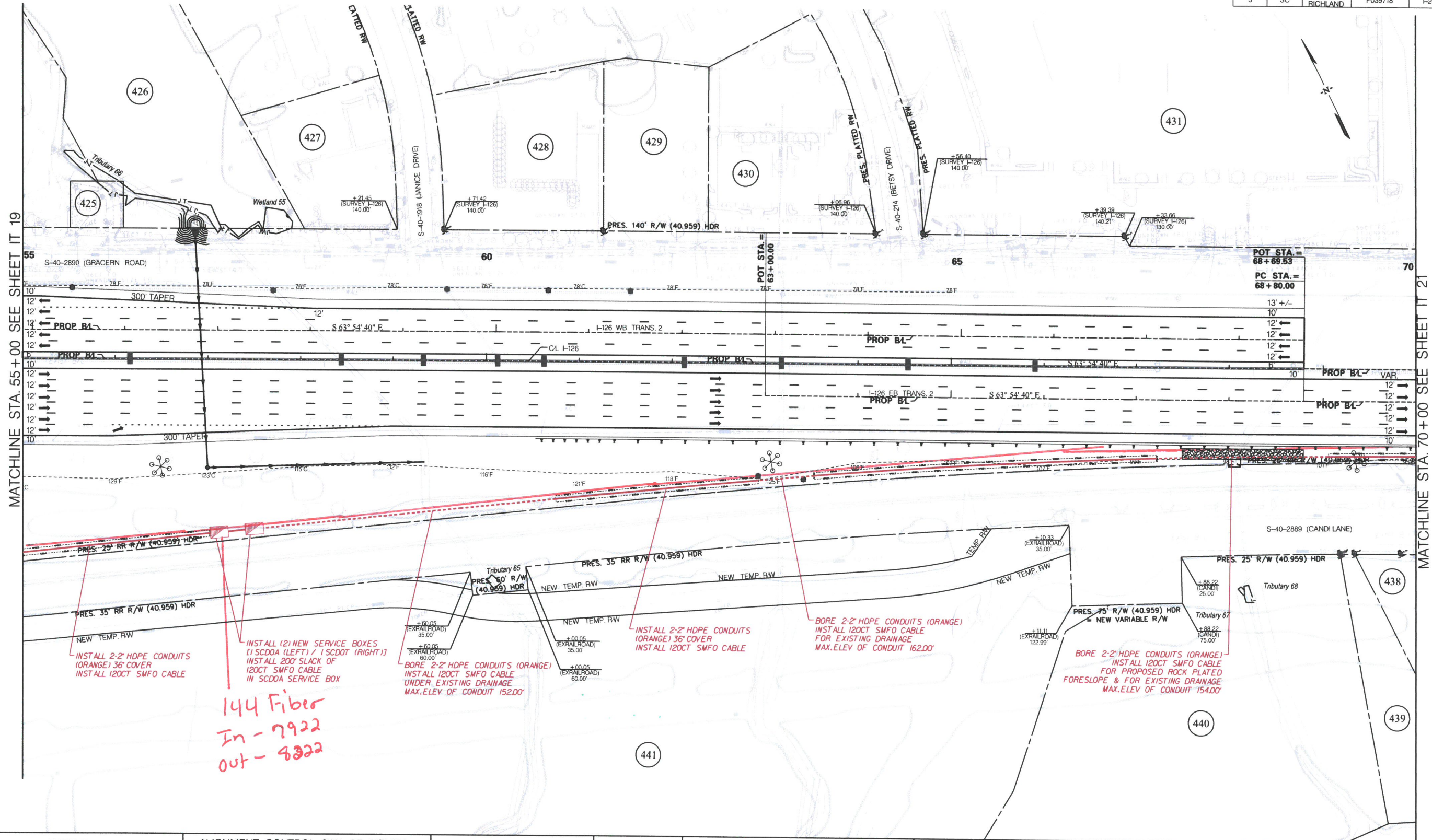
6					
5					
4					
3					
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0	AOL	01-13-22	RELEASED FOR CONSTRUCTION		
REV. NO.	BY	DATE	DESCRIPTION OF REVISION		

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

CAROLINA CROSSROADS PHASE 1

I.T.S. PLAN SHEET

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE	SHEET NO.
3	SC	LEXINGTON / RICHLAND	P039718	I-26	IT 20



MATCHLINE STA. 55+00 SEE SHEET IT 19

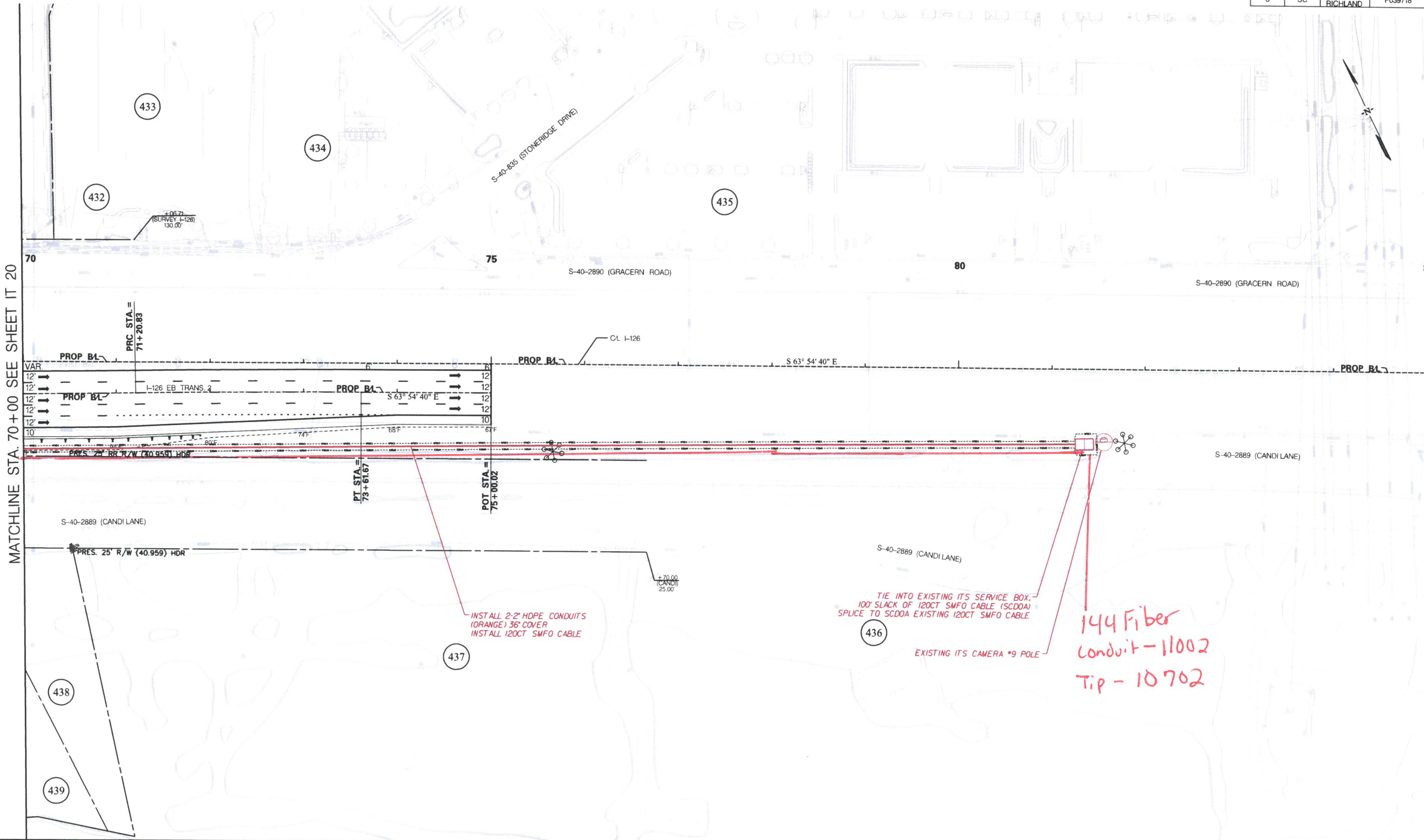
MATCHLINE STA. 70+00 SEE SHEET IT 21

<div>LEGEND</div> <div><div></div>PAVEMENT REMOVAL</div>	ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET.	<div>ARCHER UNITED</div> <div>JOINT VENTURE</div>	<div><div><div>SOUTH CAROLINA</div><div>PROFESSIONAL ENGINEER</div><div>No. 2636</div><div>ARON O. LIVINGSTON</div></div><div><div>SOUTH CAROLINA</div><div>PROFESSIONAL ENGINEER</div><div>No. 4470</div><div>2022.01.13 15:16:55-05:00</div></div></div> <div>SCALE: 1" = 50'</div>	<div>6</div> <div>5</div> <div>4</div> <div>3</div> <div>2</div> <div>1</div> <div>0</div>	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>AOL</div>	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>01-13-22</div>	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>RELEASED FOR CONSTRUCTION</div>	<div>SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION</div> <div>CAROLINA CROSSROADS PHASE 1</div> <div>I.T.S. PLAN SHEET</div>
	RIGHT-OF-WAY SECURED UNDER PROJECT ID P027662.			<div><div>025'50'100'</div><div>SCALE: 1" = 50'</div></div>	<div>REV. NO.</div> <div>BY</div> <div>DATE</div> <div>DESCRIPTION OF REVISION</div>			

144 Fiber
In - 7922
Out - 8322

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1/13/2022

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	LEXINGTON/RICHLAND	P039718	I-26	IT 21



LEGEND

PAVEMENT REMOVAL

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET.

RIGHT-OF-WAY SECURED UNDER PROJECT ID P027662.

SCALE : 1" = 50'

JOINT VENTURE

2022.01.13 15:17:12-05'00"

SCALE: 1" = 50'

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4			
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2			
1			
0	AOL	01-13-22	RELEASED FOR CONSTRUCTION
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

CAROLINA CROSSROADS PHASE 1

I.T.S. PLAN SHEET

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1/13/2022