

Z:\Projects\20-6\CCR Ph INTS\Plans\ITS_01.dgn
2/10/2022

INDEX OF SHEETS

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

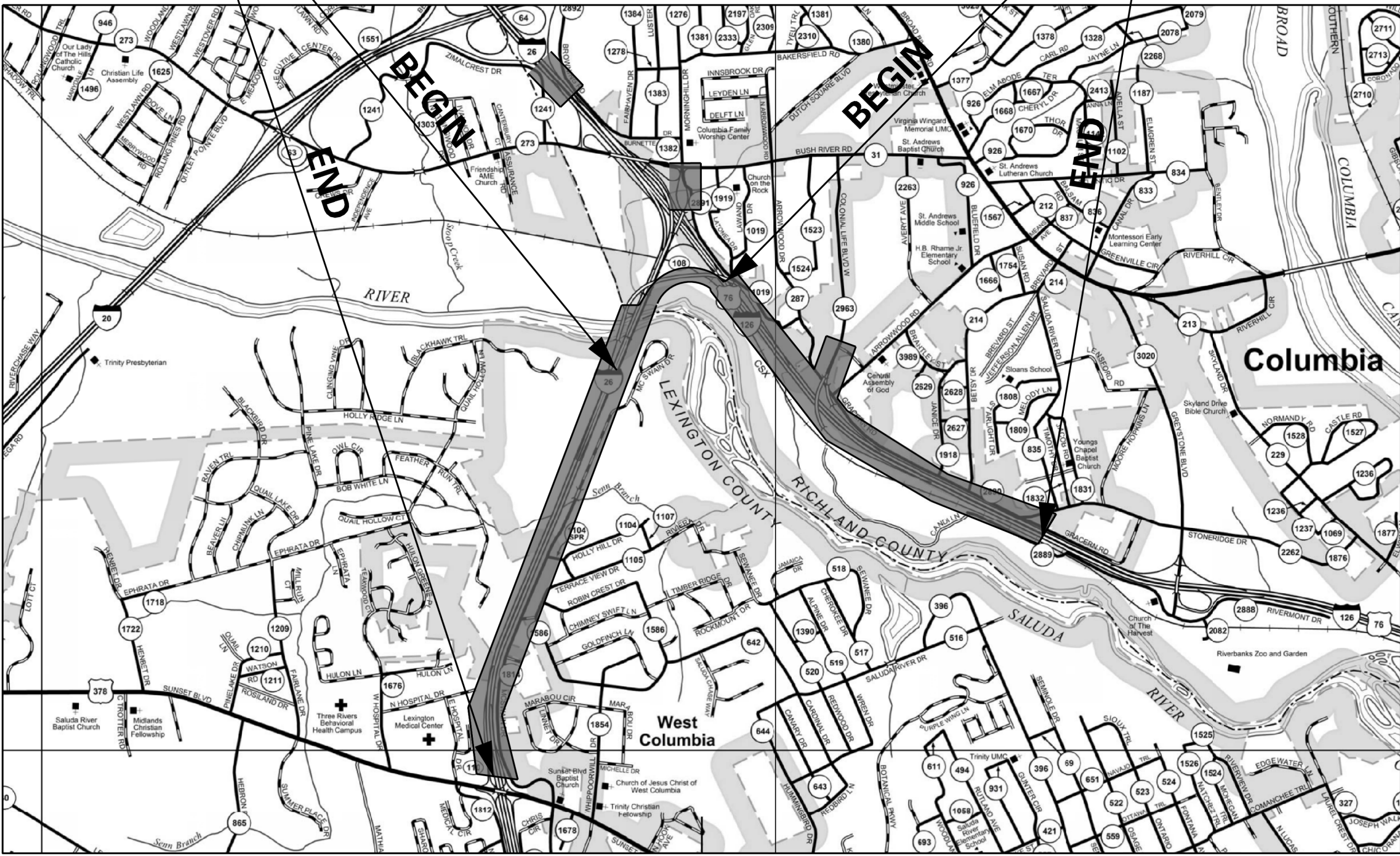


1 AOL 2-10-22 REVISED DISTURBED AREA

SHEET NO.	TOTAL SHEETS
1	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

MILEAGE TOTAL

	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

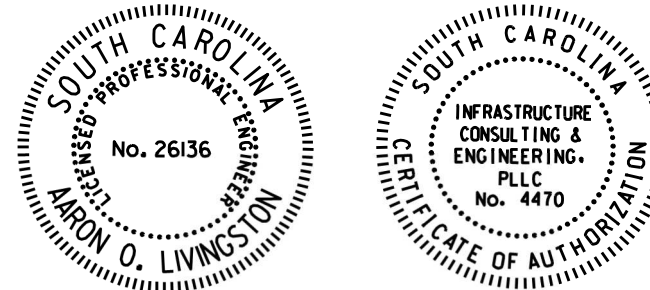
EXCEPT AS MAY BE OTHERWISE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION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



CONSULTING ENGINEERING FIRM



ENGINEER OF RECORD



FOR CONSTRUCTION : As of 2/10/22 2022.02.10 11:10:26-05'00"
DATE

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

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 %	



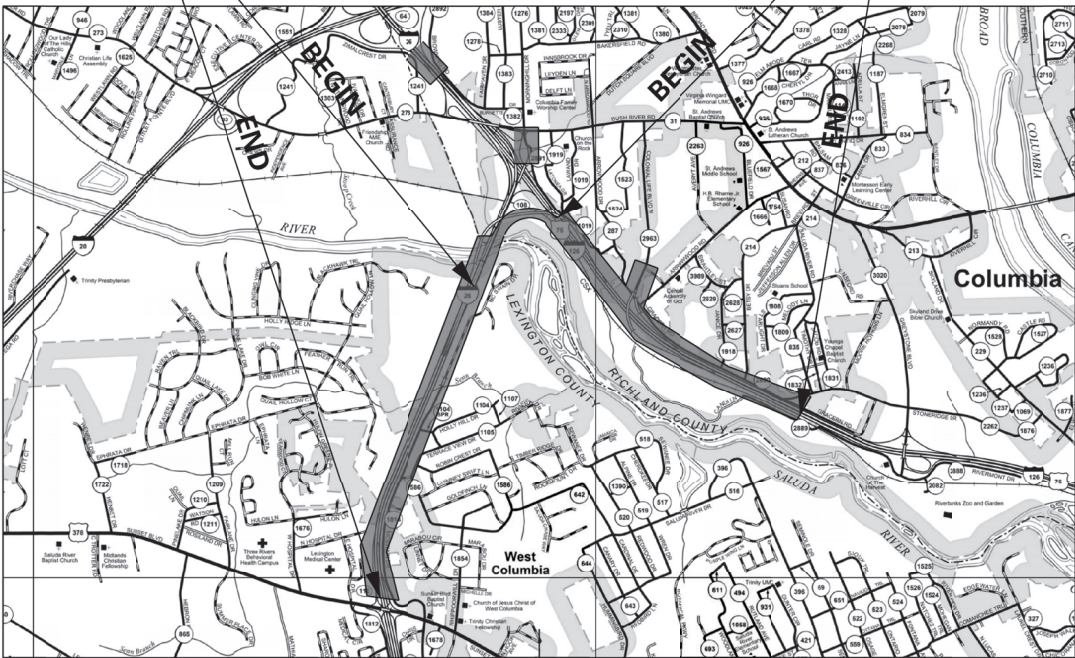
SHEET NO.	TOTAL SHEETS
1	10

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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

VOID

VOID

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

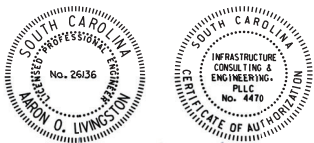
Hydraulic and NPDES Design provided by:
INFRASTRUCTURE CONSULTING AND ENGINEERING
Designs may be obtained from the SCDOT Design-Build Group

For Right Of Way Acquisition:

Consultant Engineer of Record

Date

ENGINEER OF RECORD



FOR CONSTRUCTION : Aa Ojigil 2022.01.13 15:28:07-05'00'
DATE

CONSULTING ENGINEERING FIRM



MILEAGE TOTAL

	I-26	I-126	RAMPS	SIDE ROADS	TOTAL
NET LENGTH OF ROADWAY	1.507	1.277	3.661	0.996	7.442
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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.



3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA

CALL 811

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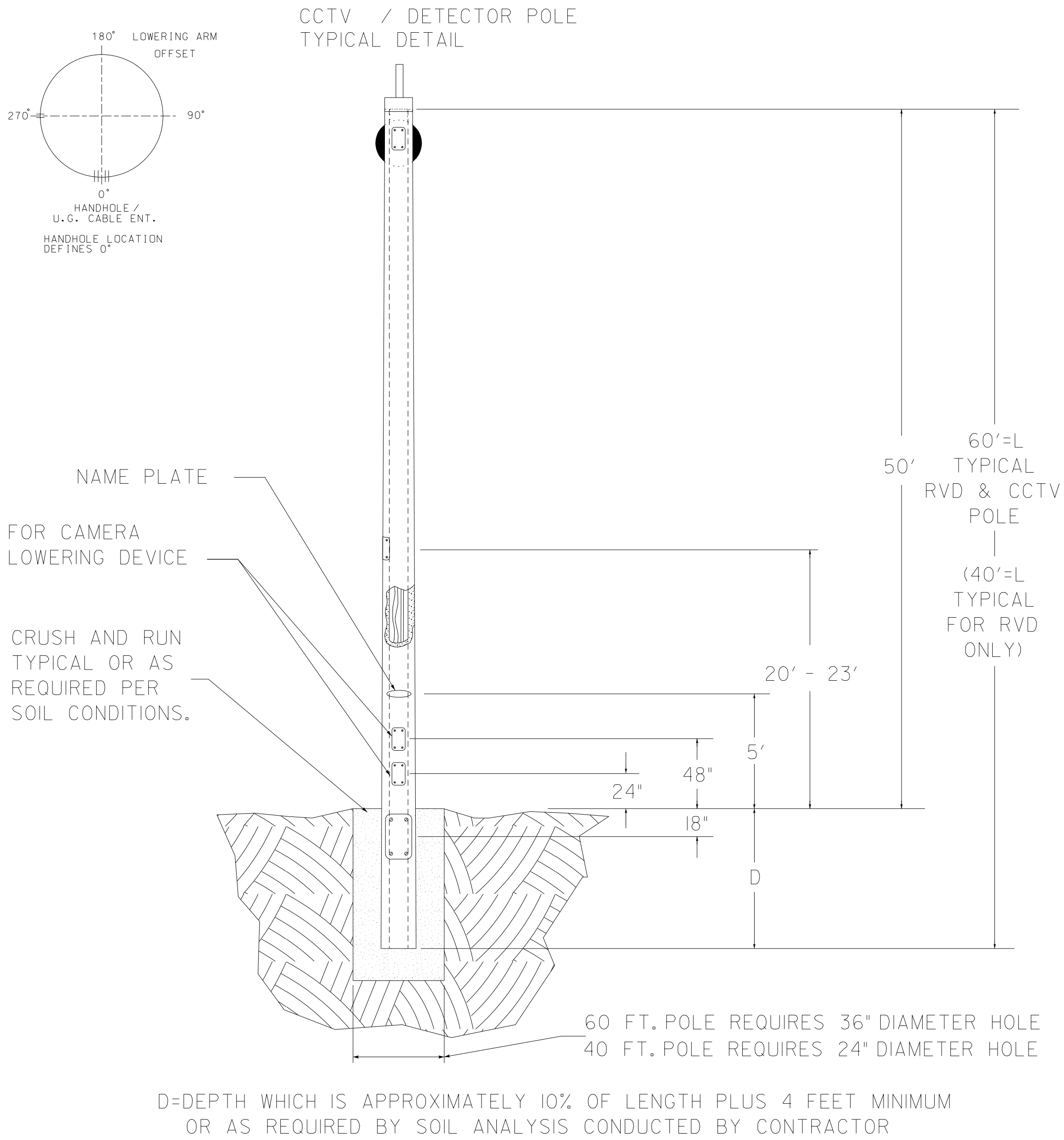
RAILROAD INVOLVEMENT?
YES NO

TRAFFIC DATA

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

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND		P039718	I-126	IT 03

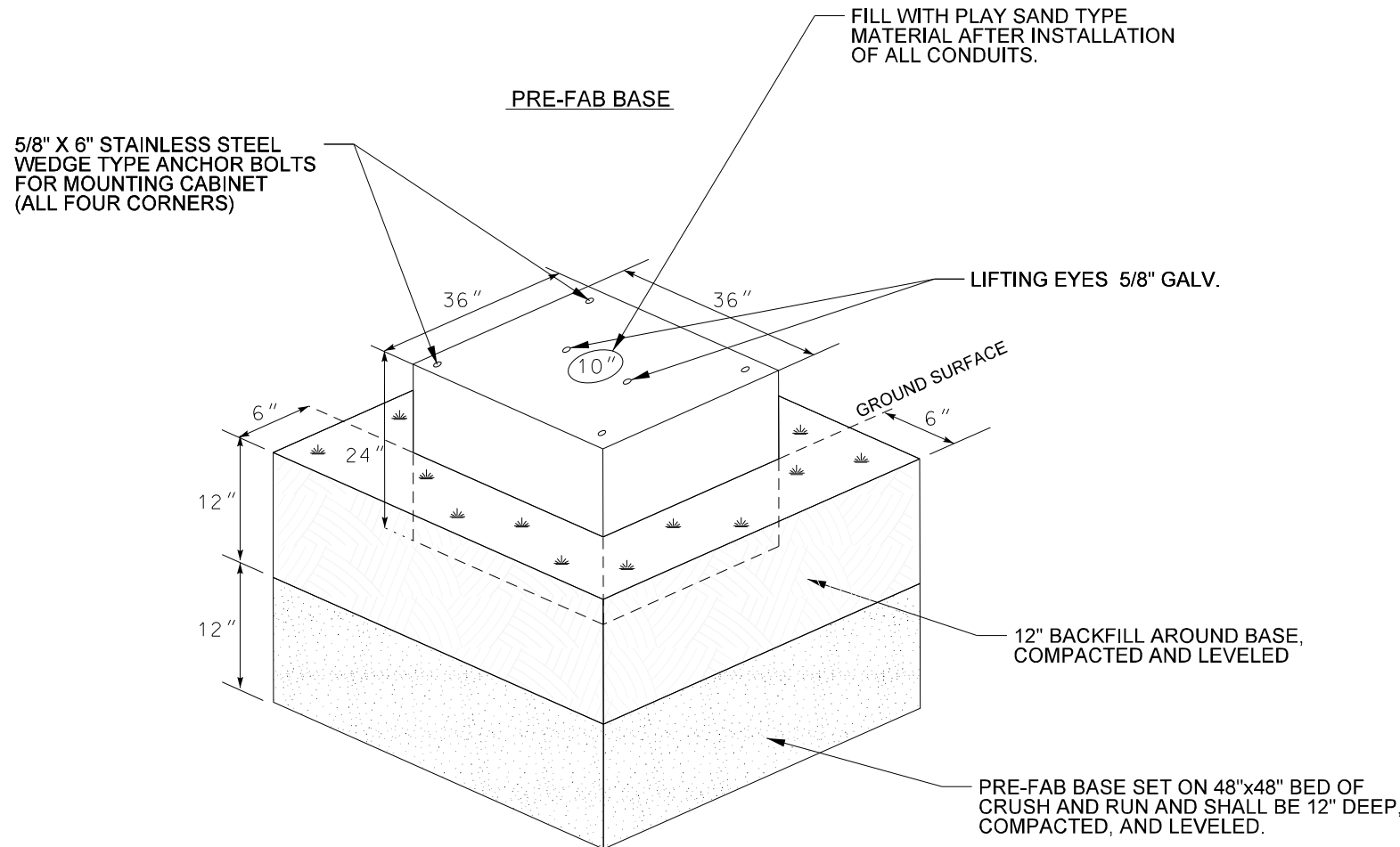
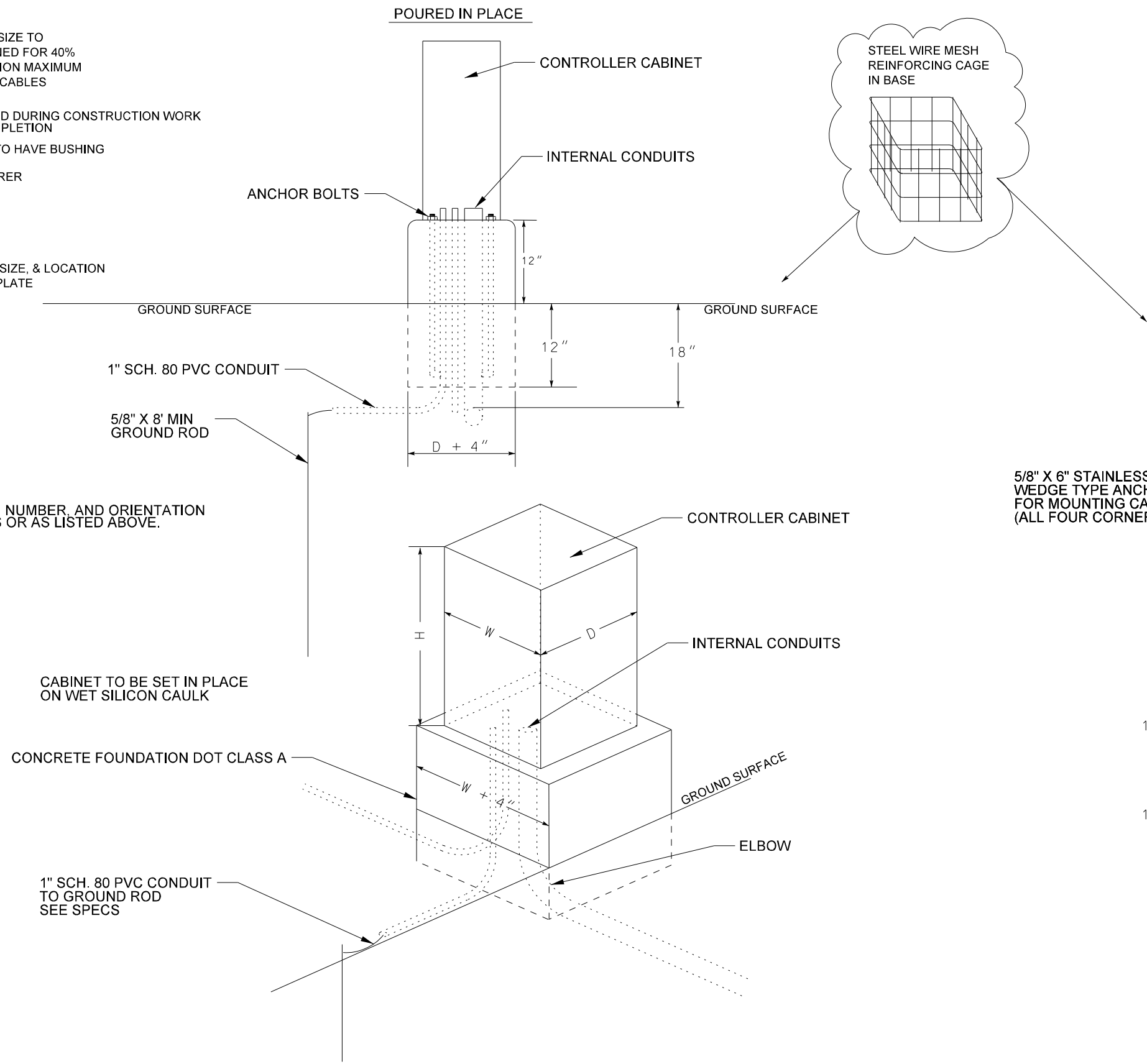
CONCRETE POLE



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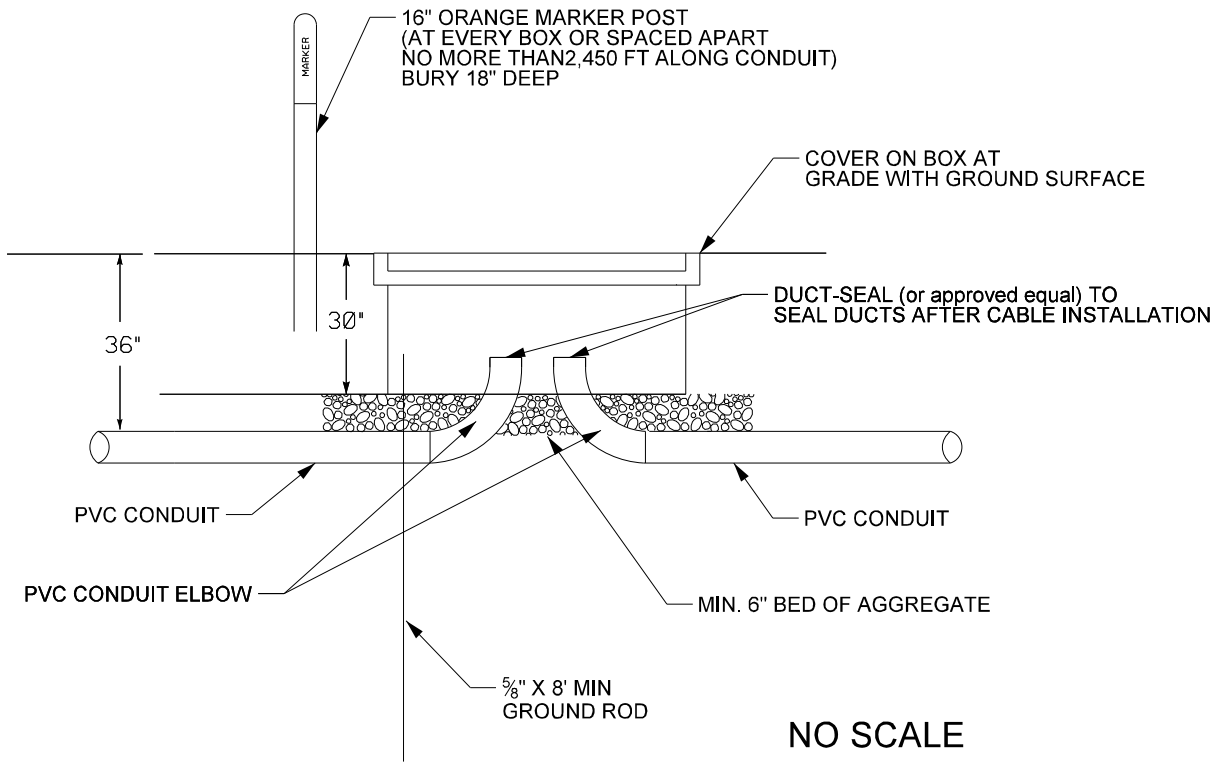
ELEVATED BASE FOUNDATION DETAILS FOR BASE MOUNTED CABINET

- 1" FOR GROUNDING
 - 1" TELEPHONE SERVICE
 - 2" TYP. ELECTRICAL SERVICE
 - 2" TYP. FEED TO DMS or CCTV
 - 2" SPARE
 - 2" SPARE
- ITS CABLES, SIZE TO BE DETERMINED FOR 40% CROSS-SECTION MAXIMUM FILLED WITH CABLES
- ALL CONDUIT TO BE CAPPED DURING CONSTRUCTION WORK AND DUCT-SEALED AT COMPLETION
- ALL RIGID CONDUIT ENDS TO HAVE BUSHING
- PER CABINET MANUFACTURER AND DOT CABINET TYPE
- R-RISER (12")
- D=DEPTH (INCHES)
- W=WIDTH
- H=HEIGHT
- ANCHOR BOLTS--NUMBER, SIZE, & LOCATION PER MANUFACTURER TEMPLATE



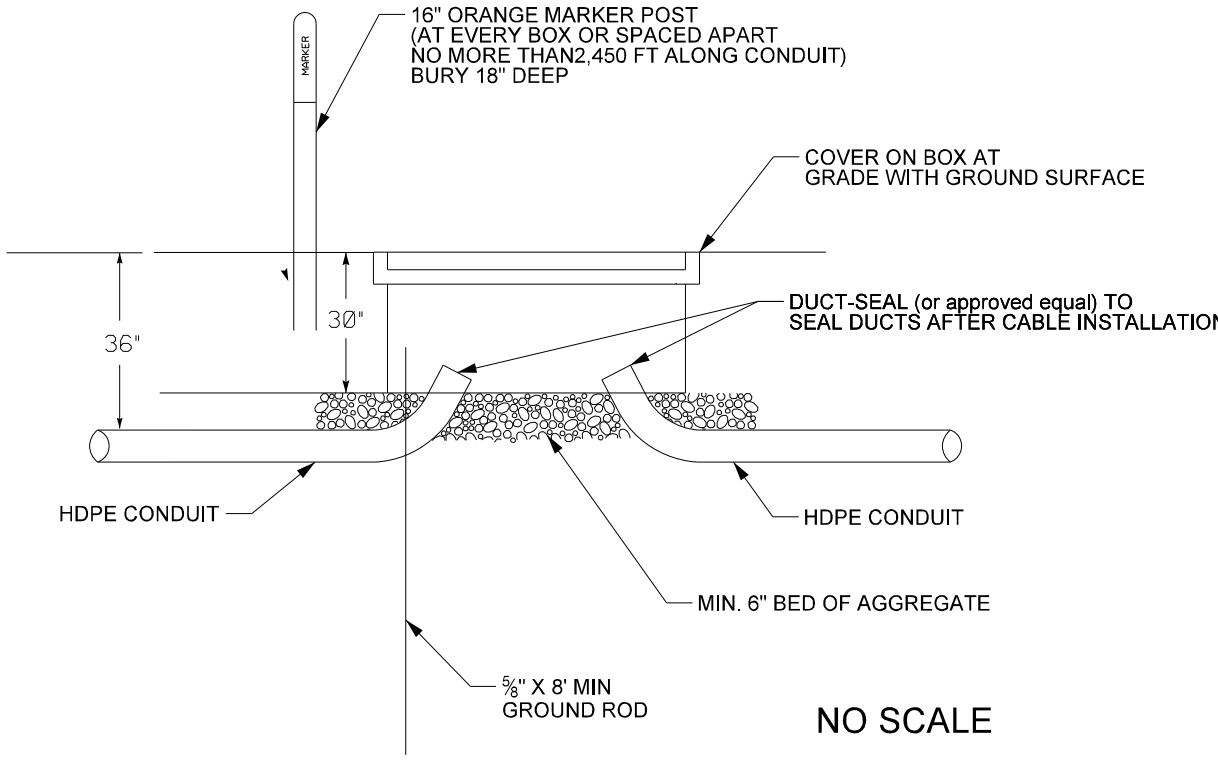
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PVC CONDUIT

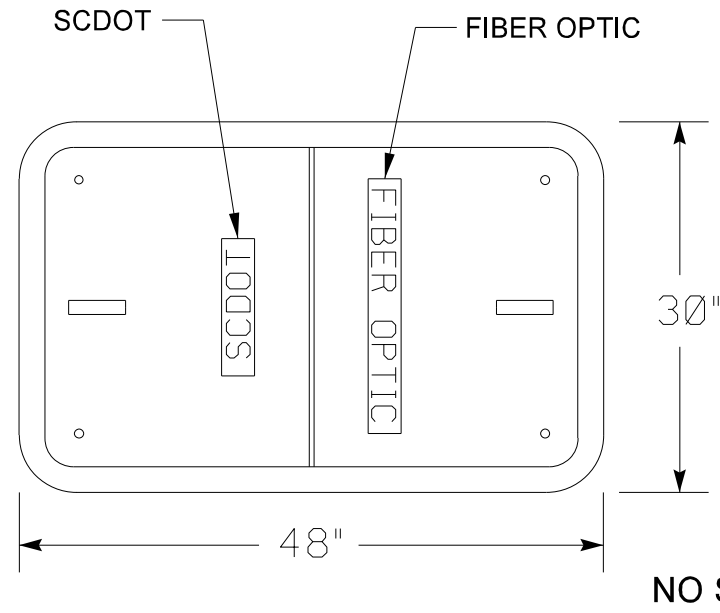


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HDPE CONDUIT



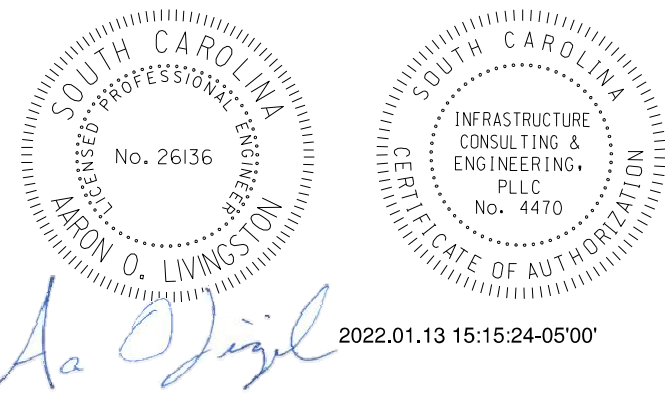
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NO SCALE



NO SCALE



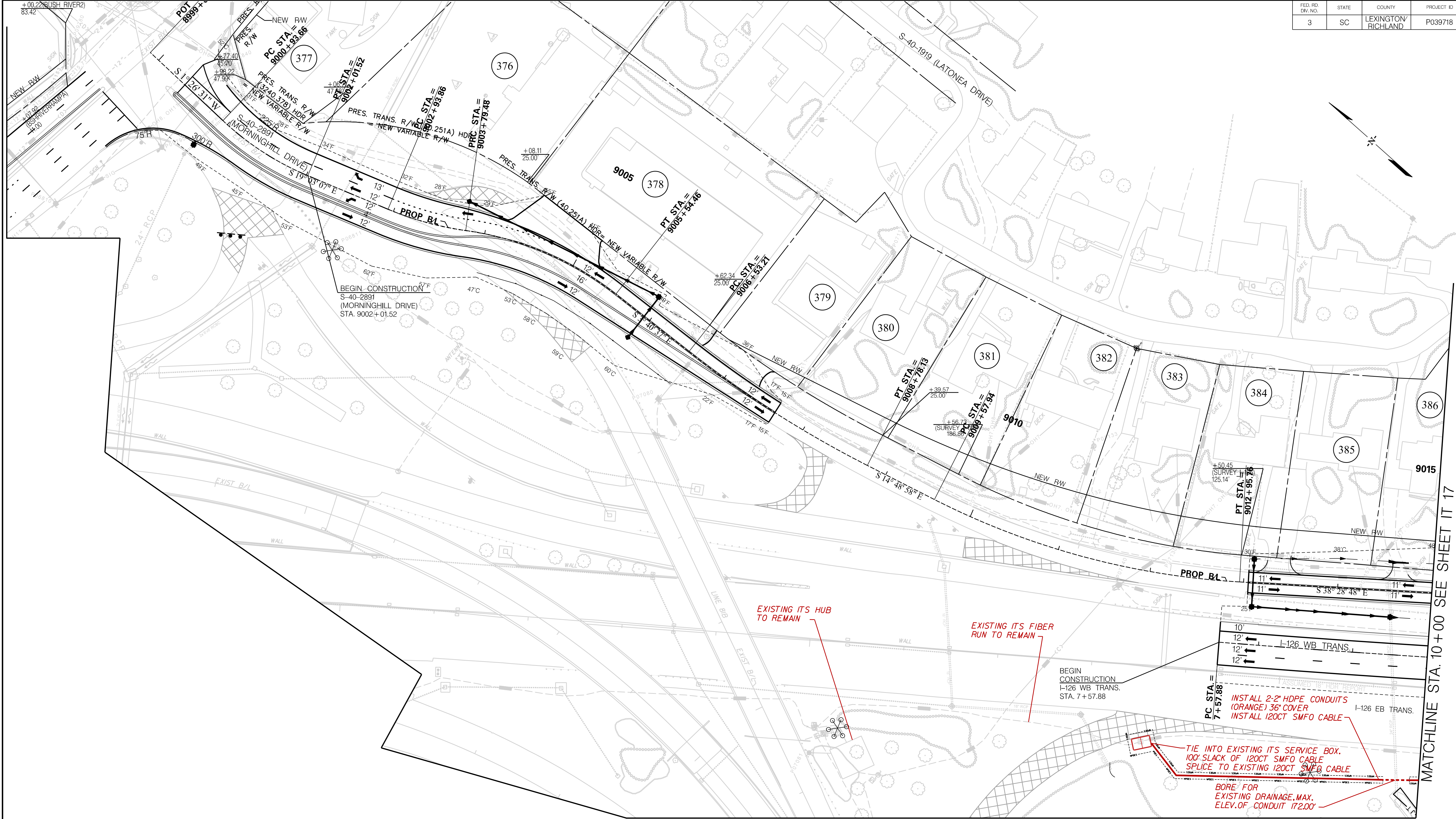
3			
2			
1			
0	AOL	01-13-22	RELEASED FOR CONSTRUCTION
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:		DATE	
DRAWN BY:		DATE	
CHECKED BY:		DATE	

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

CONCRETE CAMERA / DETECTOR POLE DETAIL AND MISC. DETAIL

SCALE: NO SCALE

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



LEGEND

PAVEMENT REMOVAL

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET.

RIGHT-OF-WAY SECURED UNDER PROJECT ID P027662.

0

25'

50'

100'

SCALE : 1" = 50'

ARCHER

UNITED

JOINT VENTURE

SOUTH CAROLINA

REGISTERED PROFESSIONAL ENGINEER

No. 26136

ARON O. LIVINGSTON

SOUTH CAROLINA

REGISTERED PROFESSIONAL ENGINEER

No. 4470

2022.01.13 15:15:51-05:00

SCALE: 1" = 50'

6			
5			
4			
3			
2			
1			
0	AOL	01-13-22	RELEASED FOR CONSTRUCTION
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

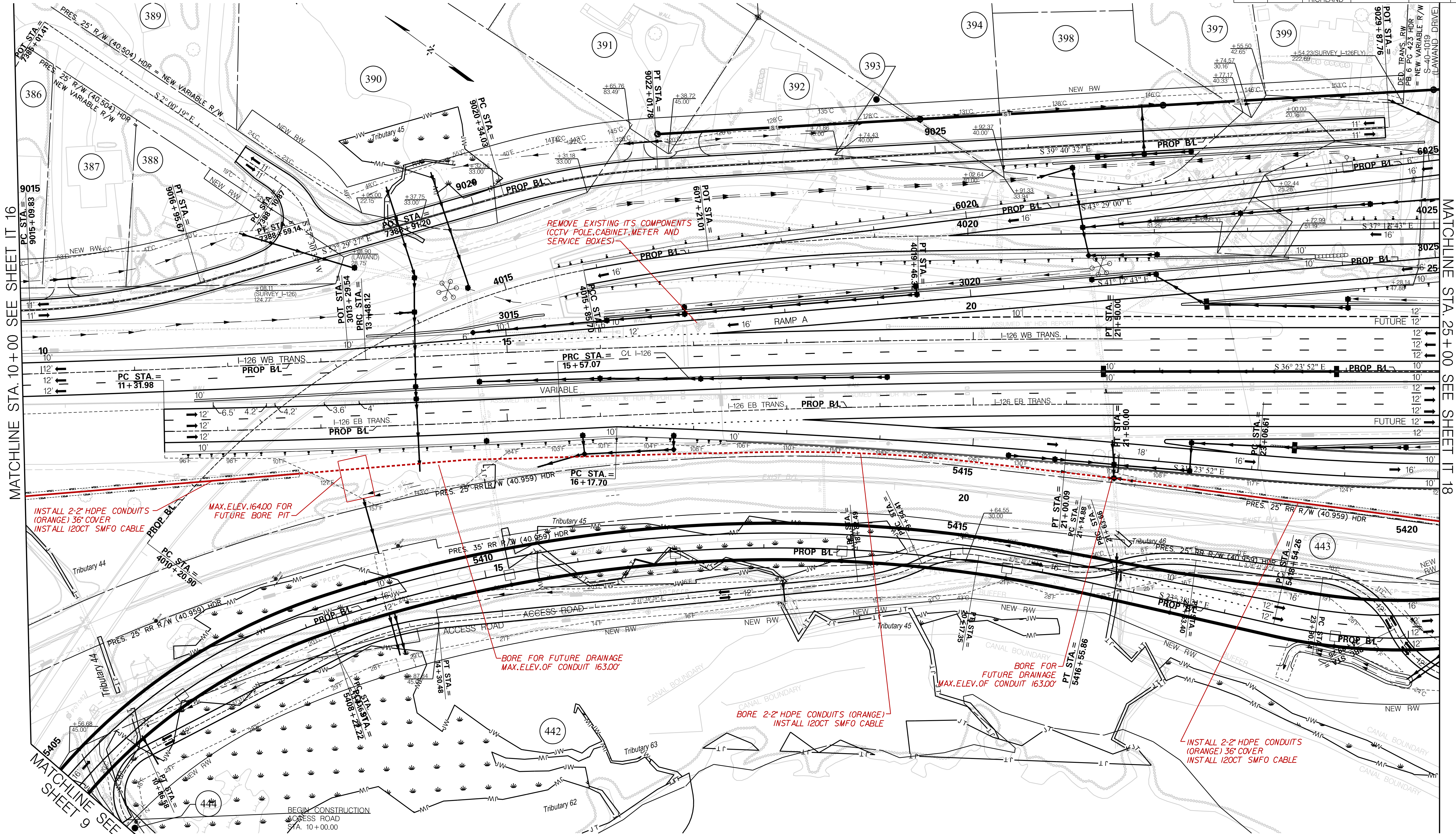
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

CAROLINA CROSSROADS PHASE 1

I.T.S. PLAN SHEET

Z:\Projects\20-6\CCR Ph INTS\Plans\SHEET 16.dgn 1/13/2022

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	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" COVER
INSTALL 120CT SMFO CABLE

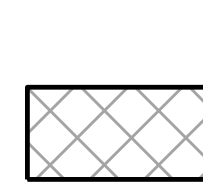
MAX. ELEV. 164.00 FOR FUTURE BORE PIT

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

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

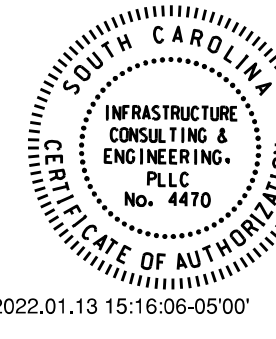
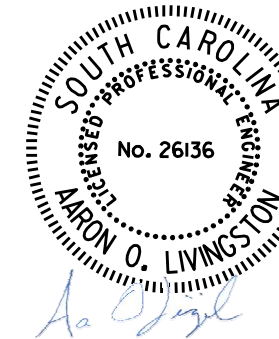
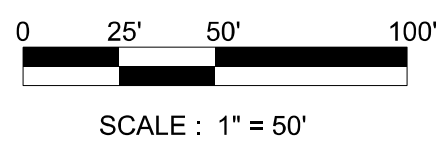
BORE FOR FUTURE DRAINAGE
MAX. ELEV. OF CONDUIT 163.00'

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



LEGEND
PAVEMENT REMOVAL

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

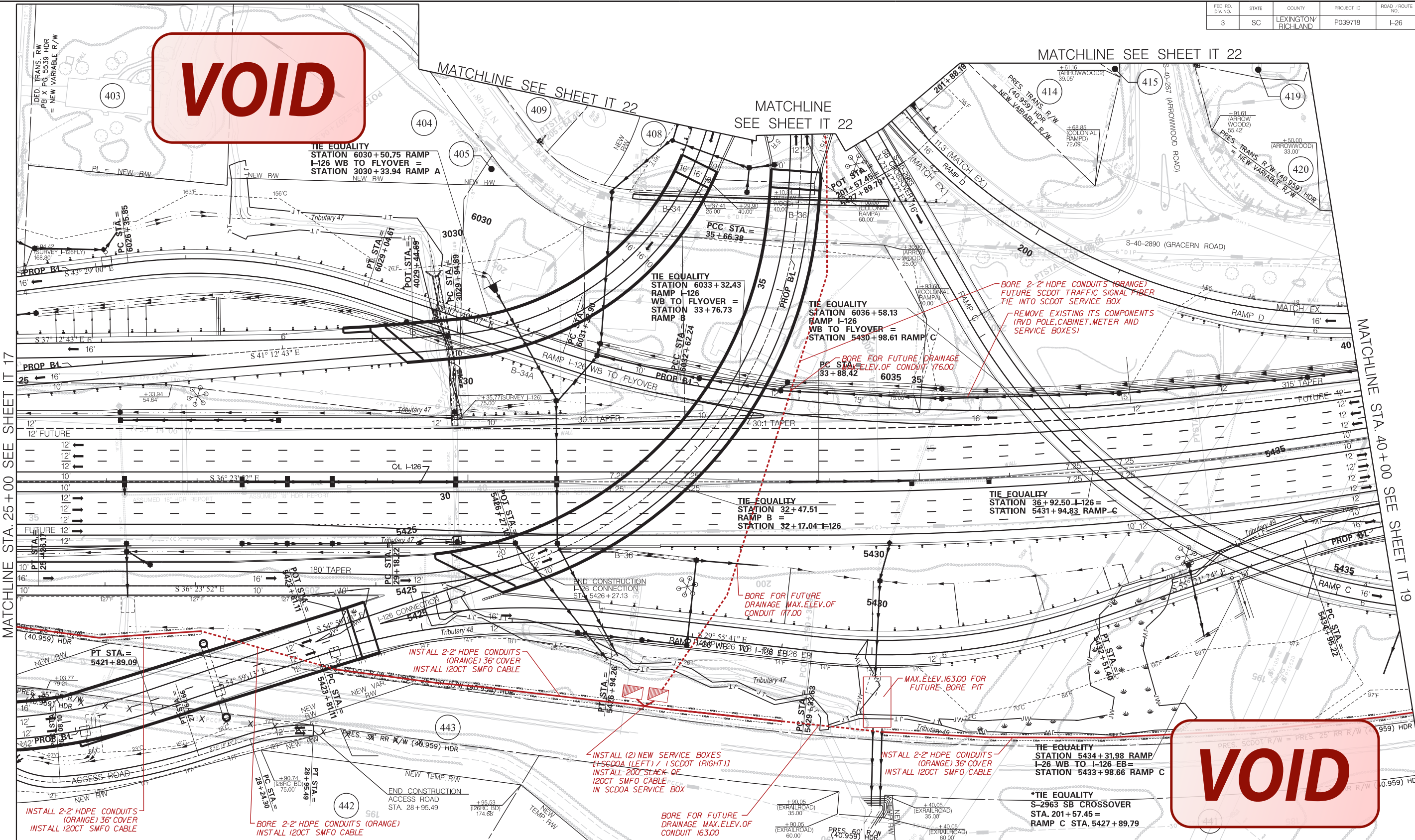


SCALE: 1" = 50'

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
CAROLINA CROSSROADS PHASE 1
I.T.S. PLAN SHEET

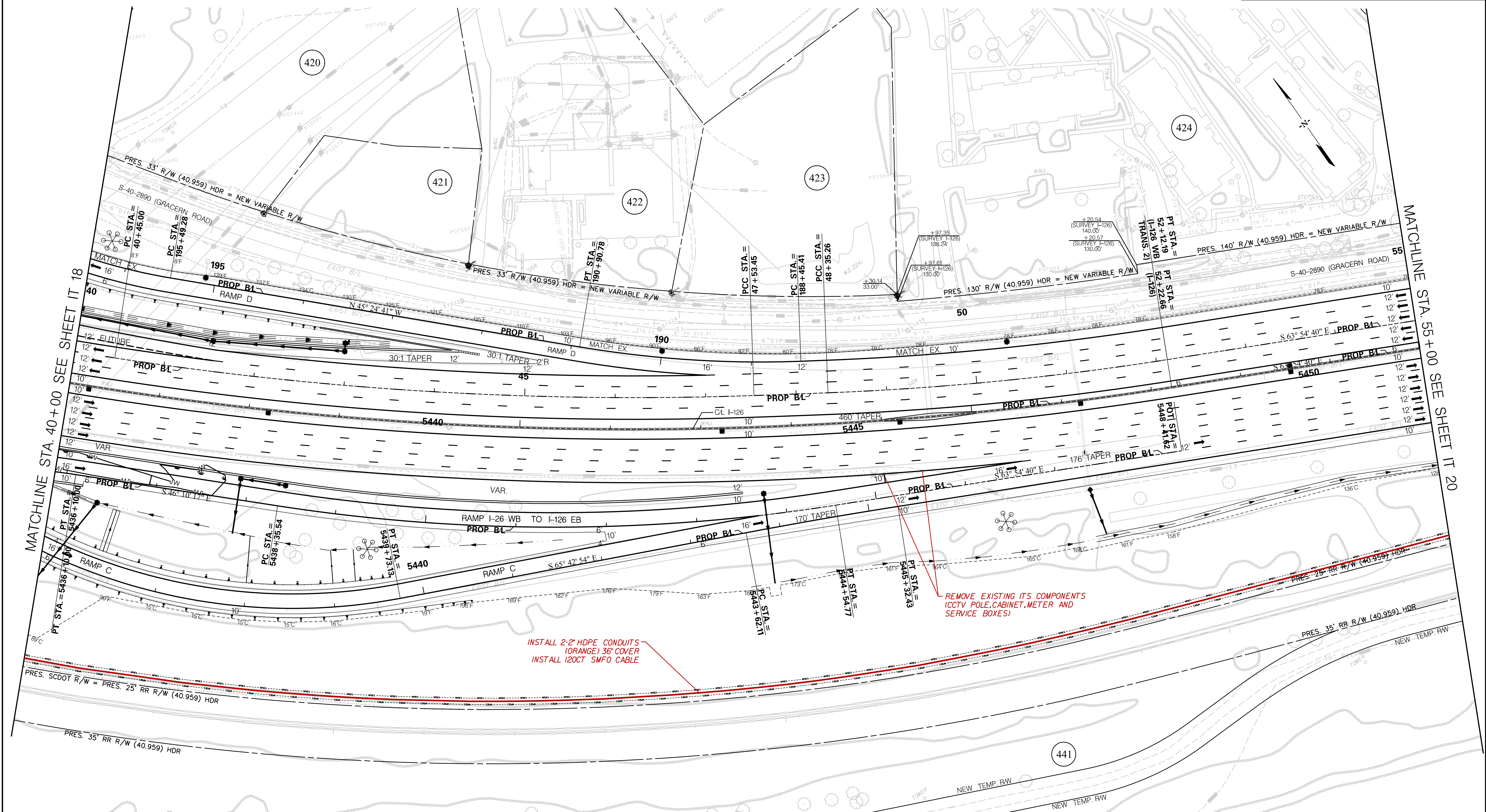
VOID



VOID

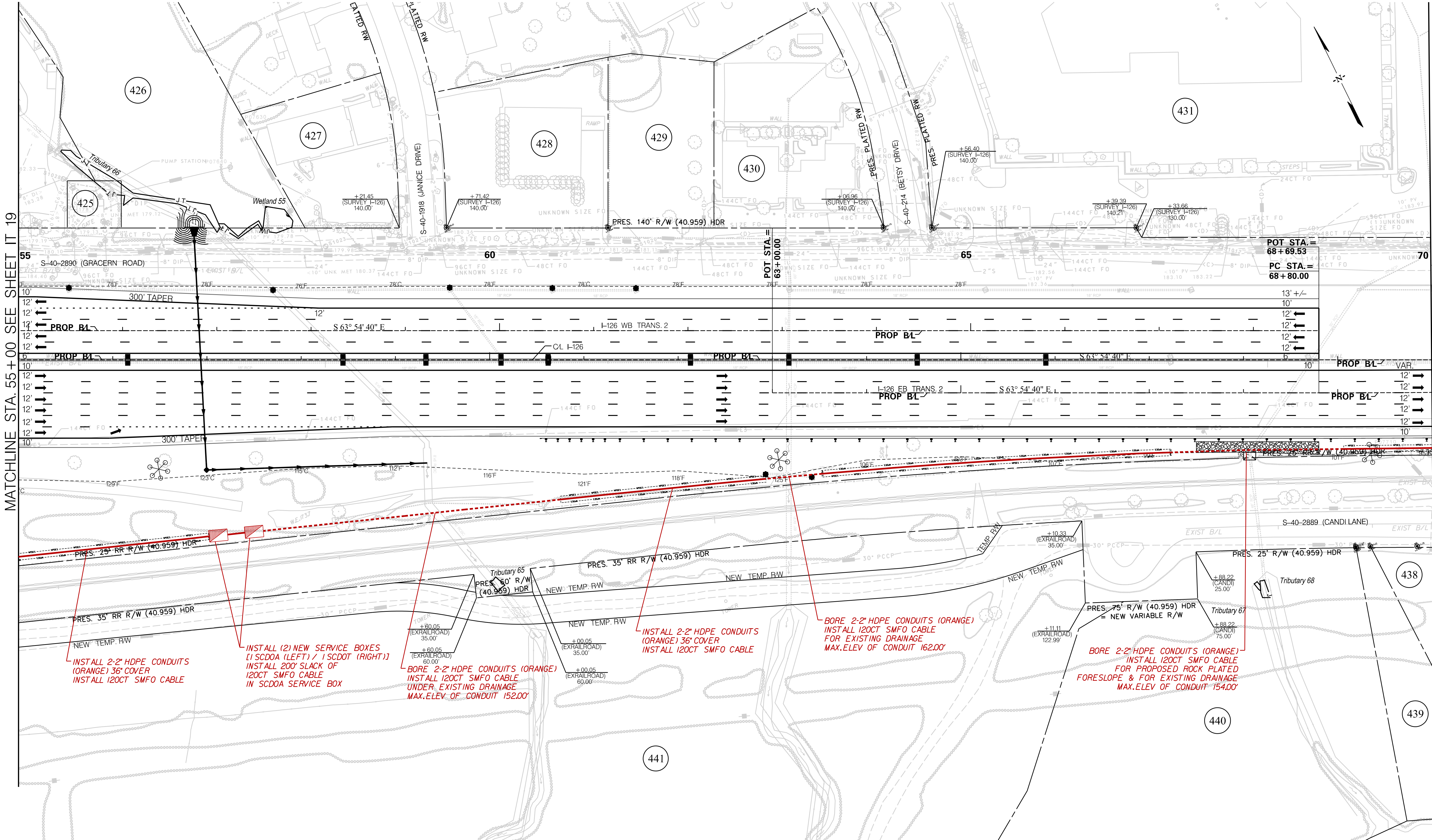
<p>LEGEND</p> <p>PAVEMENT REMOVAL</p>	<p>ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET.</p> <p>RIGHT-OF-WAY SECURED UNDER PROJECT ID P027662.</p> <p>0 25' 50' 100'</p> <p>SCALE: 1" = 50'</p>	<p>ARCHER UNITED</p> <p>JOINT VENTURE</p>	<p>SOUTH CAROLINA PROFESSIONAL ENGINEER</p> <p>No. 26136</p> <p>ADAM O. LIVINGSTON</p> <p>2022.01.19 15:16:23-0500</p> <p>SCALE: 1" = 50'</p>	<p>6</p> <p>5</p> <p>4</p> <p>3</p> <p>2</p> <p>1</p> <p>0</p> <p>AOL</p> <p>01-13-22</p> <p>RELEASED FOR CONSTRUCTION</p> <p>REV. NO. BY DATE DESCRIPTION OF REVISION</p>	<p>SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION</p> <p>CAROLINA CROSSROADS PHASE 1</p> <p>I.T.S. PLAN SHEET</p>
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1/13/2022



<div>LEGEND</div> <div></div> <div>PAVEMENT REMOVAL</div>	ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET.				<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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1/13/2022



MATCHLINE STA. 55+00 SEE SHEET IT 19

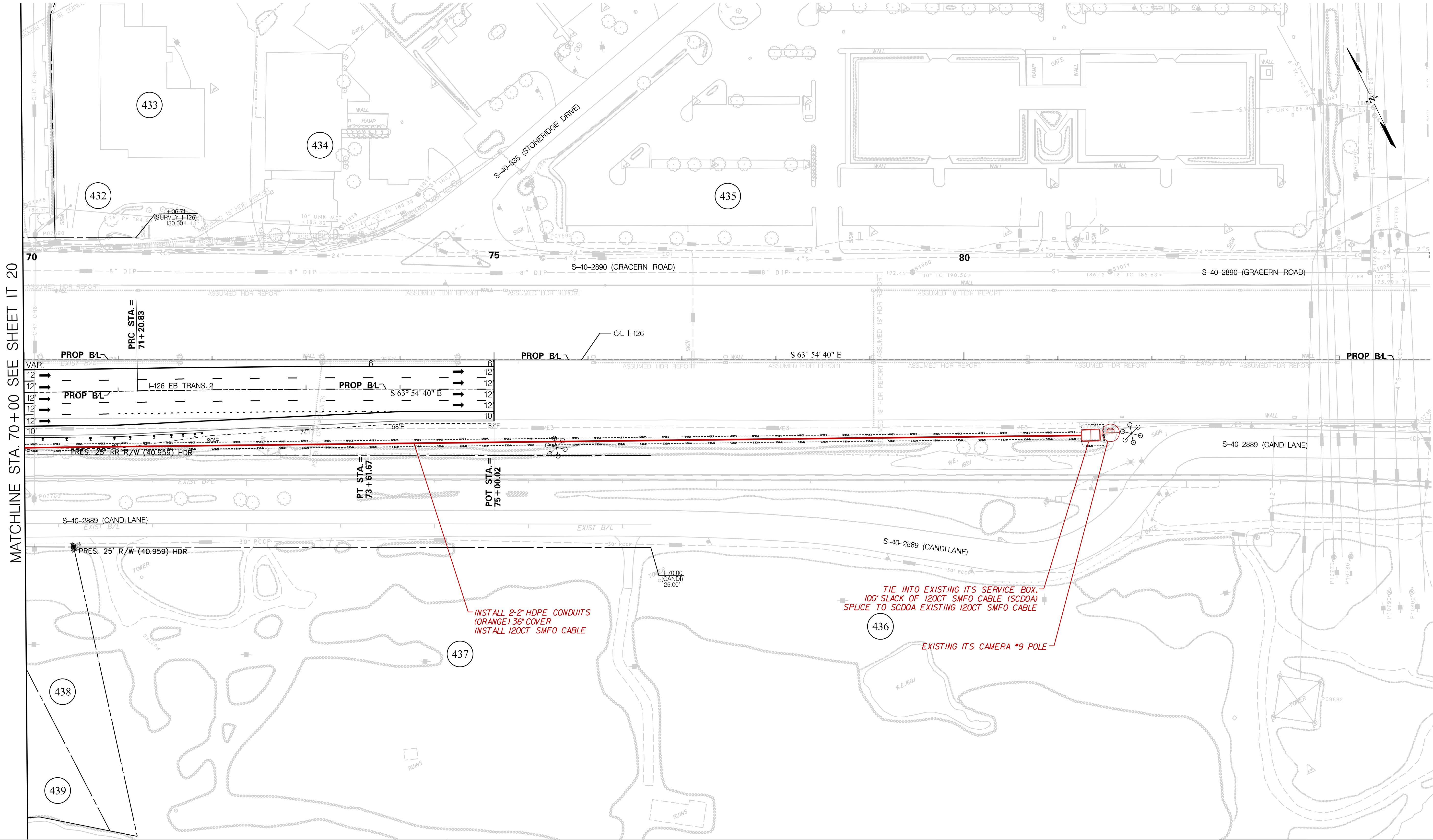
MATCHLINE STA. 70+00 SEE SHEET IT 21


LEGEND PAVEMENT REMOVAL	ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET. RIGHT-OF-WAY SECURED UNDER PROJECT ID P027662.	ARCHER UNITED JOINT VENTURE	SOUTH CAROLINA INFRASTRUCTURE CONSULTING & ENGINEERING, PLLC No. 2636 No. 4470 2022.01.13 15:16:55-0500	<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 CAROLINA CROSSROADS PHASE 1 I.T.S. PLAN SHEET
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4																																					
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1																																					
0	AOL	01-13-22	RELEASED FOR CONSTRUCTION																																		
REV. NO.	BY	DATE	DESCRIPTION OF REVISION																																		

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1/13/2022

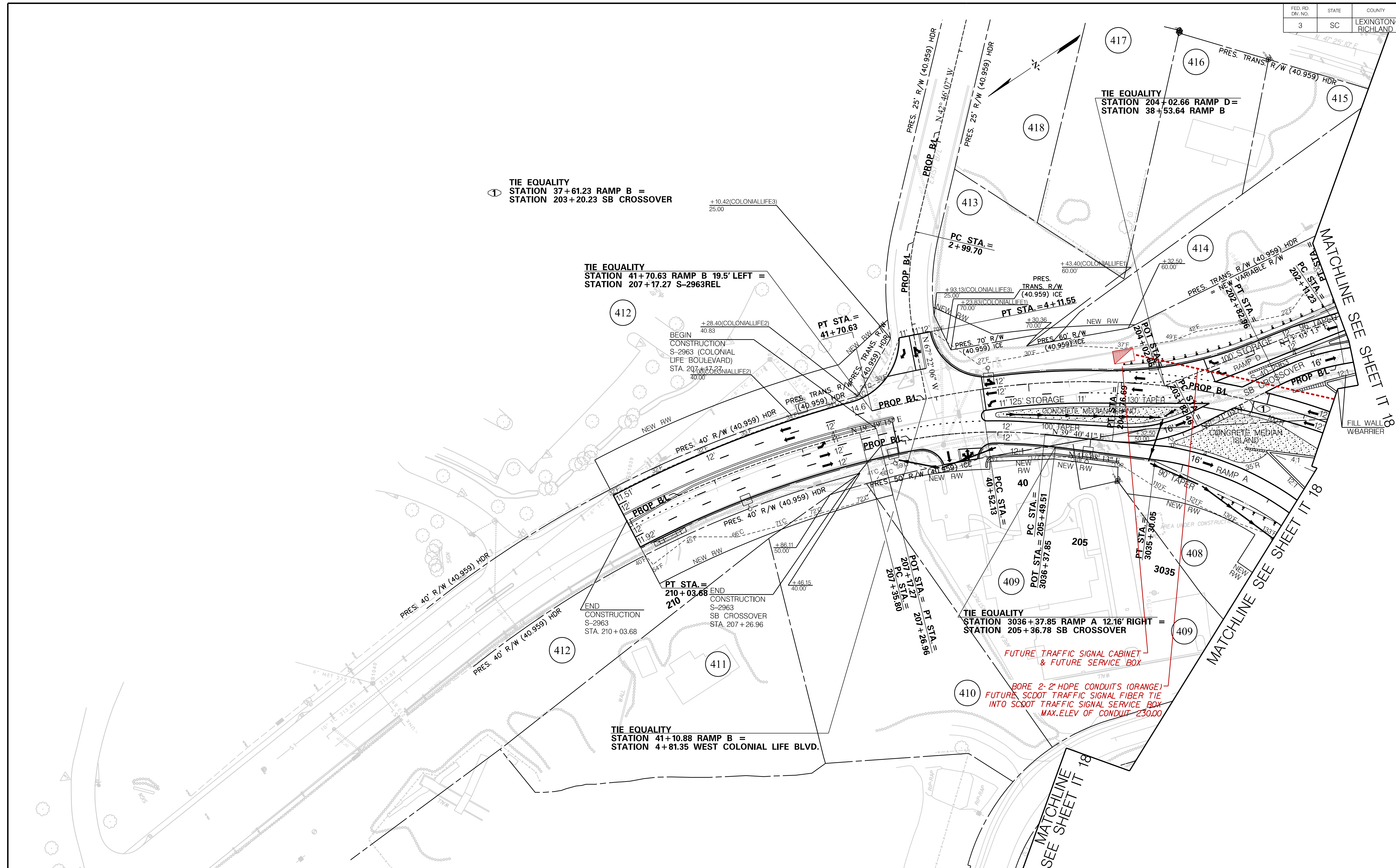
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	LEXINGTON/RICHLAND	P039718	I-26	IT 21

MATCHLINE STA. 70+00 SEE SHEET IT 20



<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  UNITED</div>	<div><div><div></div><div>2022.01.13 15:17:12-05'00'</div></div><div>SCALE: 1" = 50'</div></div>	<div>6</div> <div>5</div> <div>4</div> <div>3</div> <div>2</div> <div>1</div> <div>0</div> <div>REV. NO.</div> <div>BY</div> <div>DATE</div> <div>DESCRIPTION OF REVISION</div>	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
	RIGHT-OF-WAY SECURED UNDER PROJECT ID P027662.					CAROLINA CROSSROADS PHASE 1	
	<div>0 25' 50' 100'</div> <div>SCALE : 1" = 50'</div>					I.T.S. PLAN SHEET	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	LEXINGTON/ RICHLAND	P039718	I-26	IT 22



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1/13/2022