



South Carolina Department of Transportation



**INDEX OF SHEETS**

SEE IL1 SHEET FOR INDEX

**PROPOSED PLANS**  
**FOR**  
**SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION**  
**SCDOT PROJECT ID P038652**  
**YORK COUNTY**  
**I-77 INTERCHANGE AT EXIT 81 (PANTHERS INTERCHANGE)**  
**FROM: 40' SOUTH OF EDEN TERRACE**  
**TO: 80' NORTH OF RAILROAD BRIDGE**

Hydraulic Design Reference for these plans is the:  
**2009**  
 Edition of SCDOT's "Requirements for Hydraulic Design Studies"

Design Reference for these plans is the:  
**2017**  
 SCDOT Roadway Design Manual

**NPDES PERMIT INFORMATION**

Disturbed Area = 48.5 Acre(s)  
 Project Area = 51.5 Acre(s)

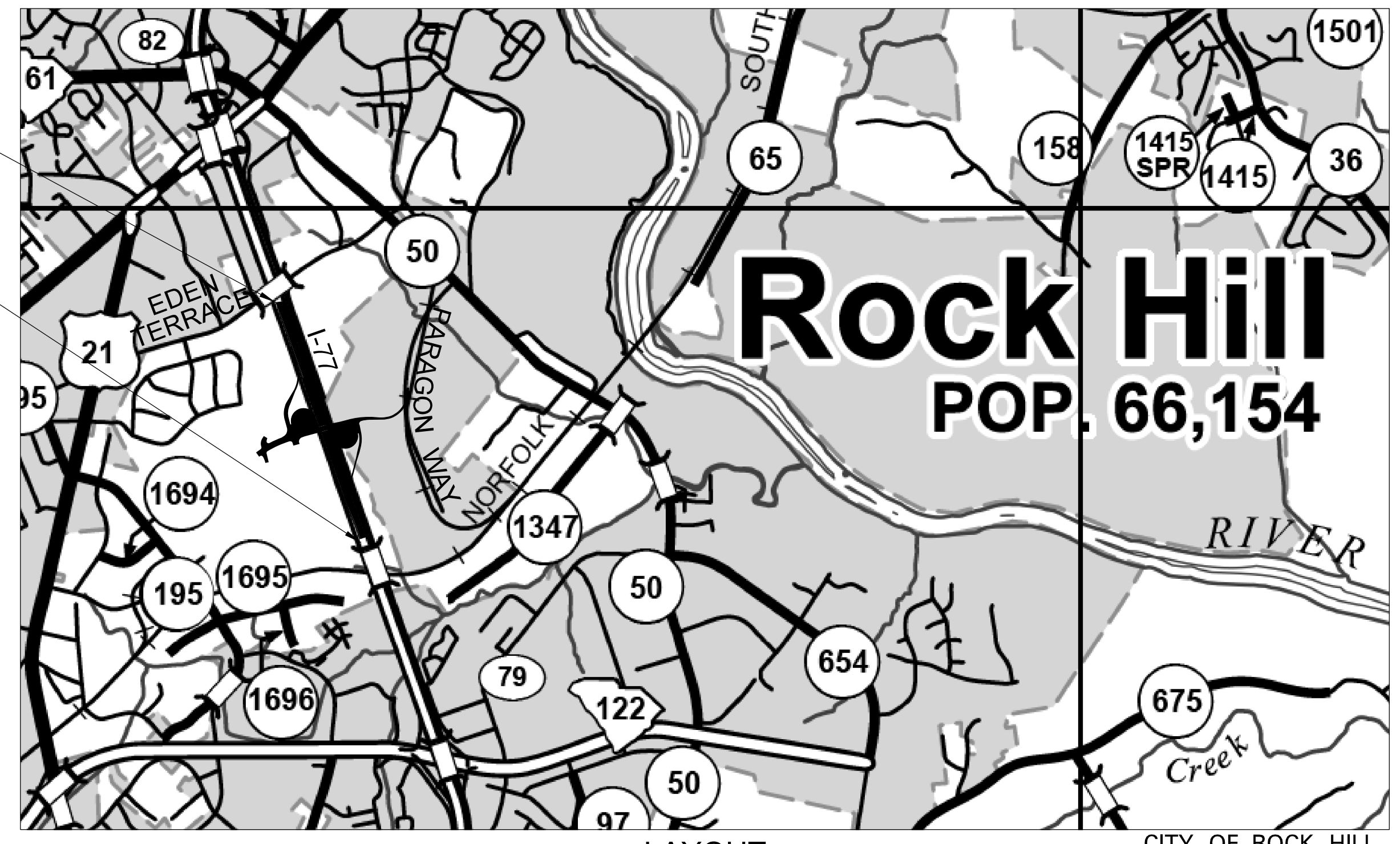
Approximate Location of Roadway is

Begin  
 Latitude 34° 57' 54.70"  
 Longitude 80° 58' 59.15"

End  
 Latitude 34° 57' 02.44"  
 Longitude 80° 58' 36.71"

Hydraulic and NPDES Design provided by:  
 No Hydraulic and NPDES Design has been completed at this time.

Designs may be obtained from the SCDOT Regional Production Group



PROJECT ID P038652  
 INTERSTATE 77  
 BEGIN CONSTRUCTION  
 STA. 534+75.11

PROJECT ID P038652  
 INTERSTATE 77  
 END CONSTRUCTION  
 STA. 590+78.26

**BRIDGE PLANS UNDER SEPARATE COVER**

BRIDGE 1 STA. 34+46.53 TO STA. 37+31.53 285 LF

**ENVIRONMENTAL PERMIT INFORMATION**

USACE PERMIT	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		
NEPA DOCUMENT	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		
401 CERTIFICATION	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		
OCRM CAP	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
NAVIGABLE WATERS	<input type="checkbox"/> SC	<input type="checkbox"/> USCG	<input type="checkbox"/> USACE	<input checked="" type="checkbox"/> N/A

3 DAYS BEFORE DIGGING IN SOUTH CAROLINA

**CALL SC811**

SOUTH CAROLINA 811 (SC811)  
 WWW.SC811.COM

ALL UTILITIES MAY NOT BE A MEMBER OF SC811

RAILROAD INVOLVEMENT?  
 YES (NO)

**TRAFFIC DATA**

	I-77	RAMP 1	RAMP 2	RAMP 3	RAMP 4	ONE CAROLINA DRIVE (E. OF RAMP 3)	ONE CAROLINA DRIVE (W. OF RAMP 3)
2023 ADT	85,700	7,400	6,500	3,300	6,300	3,400	13,800
2043 ADT	130,400	21,100	19,700	9,200	14,800	6,300	30,900
% TRUCKS	7%	2%	2%	2%	2%	2%	2%

**LAYOUT**  
 SCALE 1 INCH = 2107 FEET

	I-77	RAMPS	ONE CAROLINA DRIVE	SIDE ROADS	TOTAL
NET LENGTH OF ROADWAY	1.061	2.092	0.607	0.134	3.894 MILES
NET LENGTH OF BRIDGES	---	---	0.054	---	0.054 MILES
NET LENGTH OF PROJECT	1.061	2.092	0.661	0.134	3.948 MILES
LENGTH OF EXCEPTIONS	---	---	---	---	---
GROSS LENGTH OF PROJECT	1.061	2.092	0.661	0.134	3.948 MILES

EQUALITIES IN STATIONING  
**NONE**

NOTE: EXCEPT AS MAY OTHERWISE BE 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 THE FINAL RFP.

SCDOT REVIEW	RIGHT-OF-WAY		CONSTRUCTION	
	INITIAL	DATE	INITIAL	DATE
PRECONSTRUCTION SUPPORT - ROAD				
PRECONSTRUCTION SUPPORT - STRUCTURES				
RPG - DESIGN MANAGER				
RPG - PROGRAM MANAGER				

THE INITIALS ABOVE DO NOT RELIEVE THE ENGINEER OF RECORD OF THE RESPONSIBILITY TO DESIGN THIS PROJECT IN ACCORDANCE WITH ALL APPLICABLE CRITERIA.

**CONSULTING ENGINEERING FIRM**

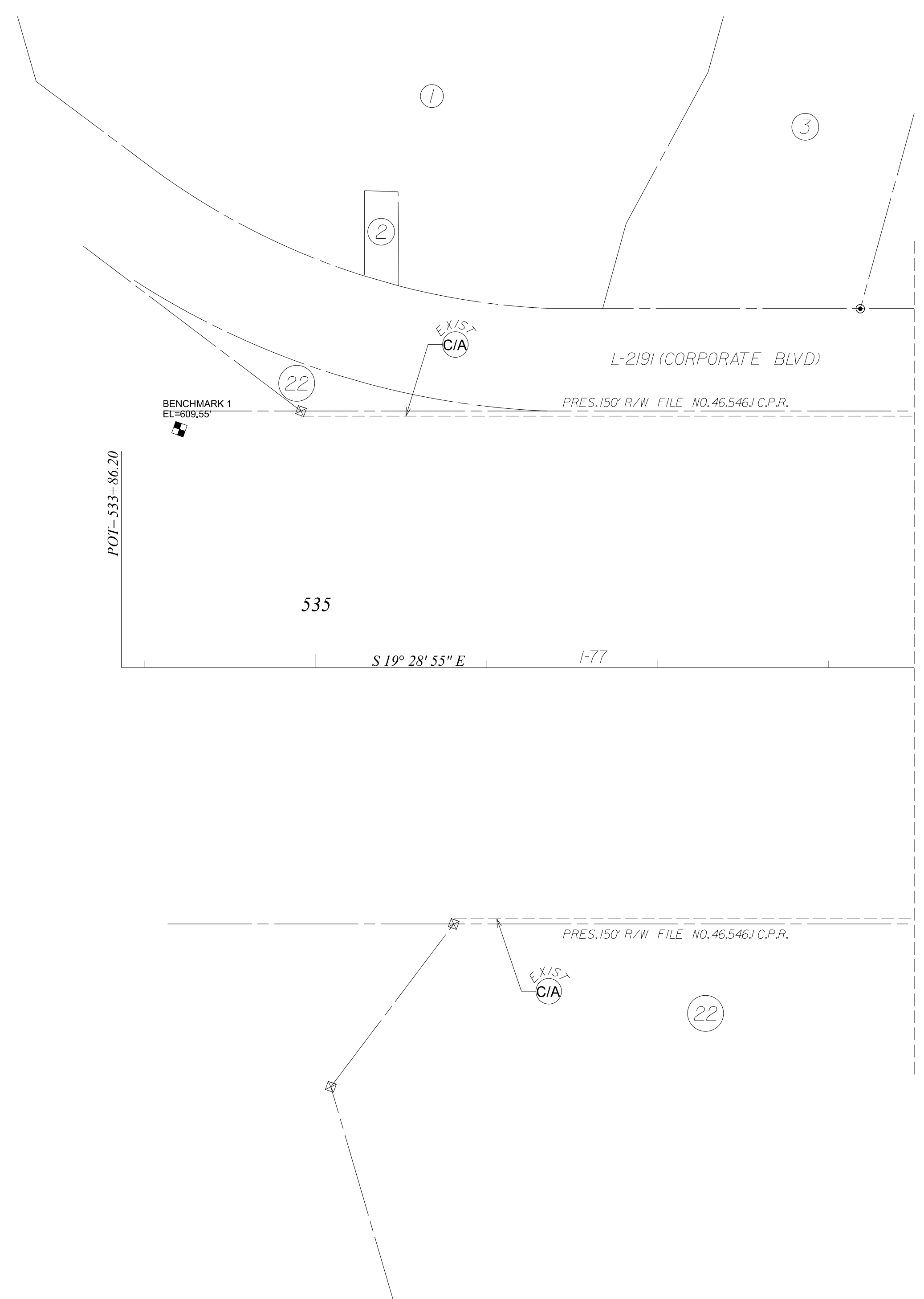
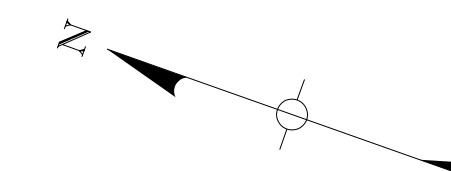
**NEEL-SCHAFFER**  
 Solutions you can build upon

**ENGINEER OF RECORD**

FOR CONSTRUCTION: \_\_\_\_\_ DATE \_\_\_\_\_

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 11/9/2020  
 chris.rubens

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	YORK	P038652	I-77	23

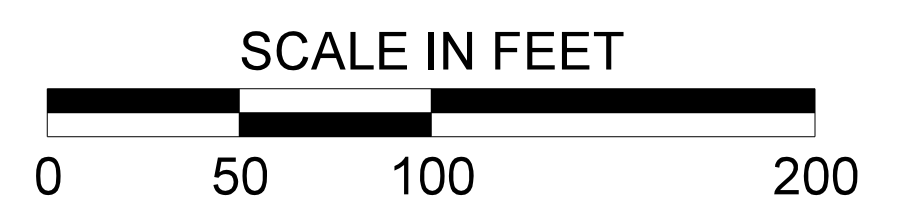


MATCHLINE STA. 538+ 50.00  
SEE SHEET NO. 24

PSC04

**NOTE:**  
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ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET



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11/9/2020

PLANS PREPARED BY:



**PRELIMINARY PLANS  
NOT FOR CONSTRUCTION**

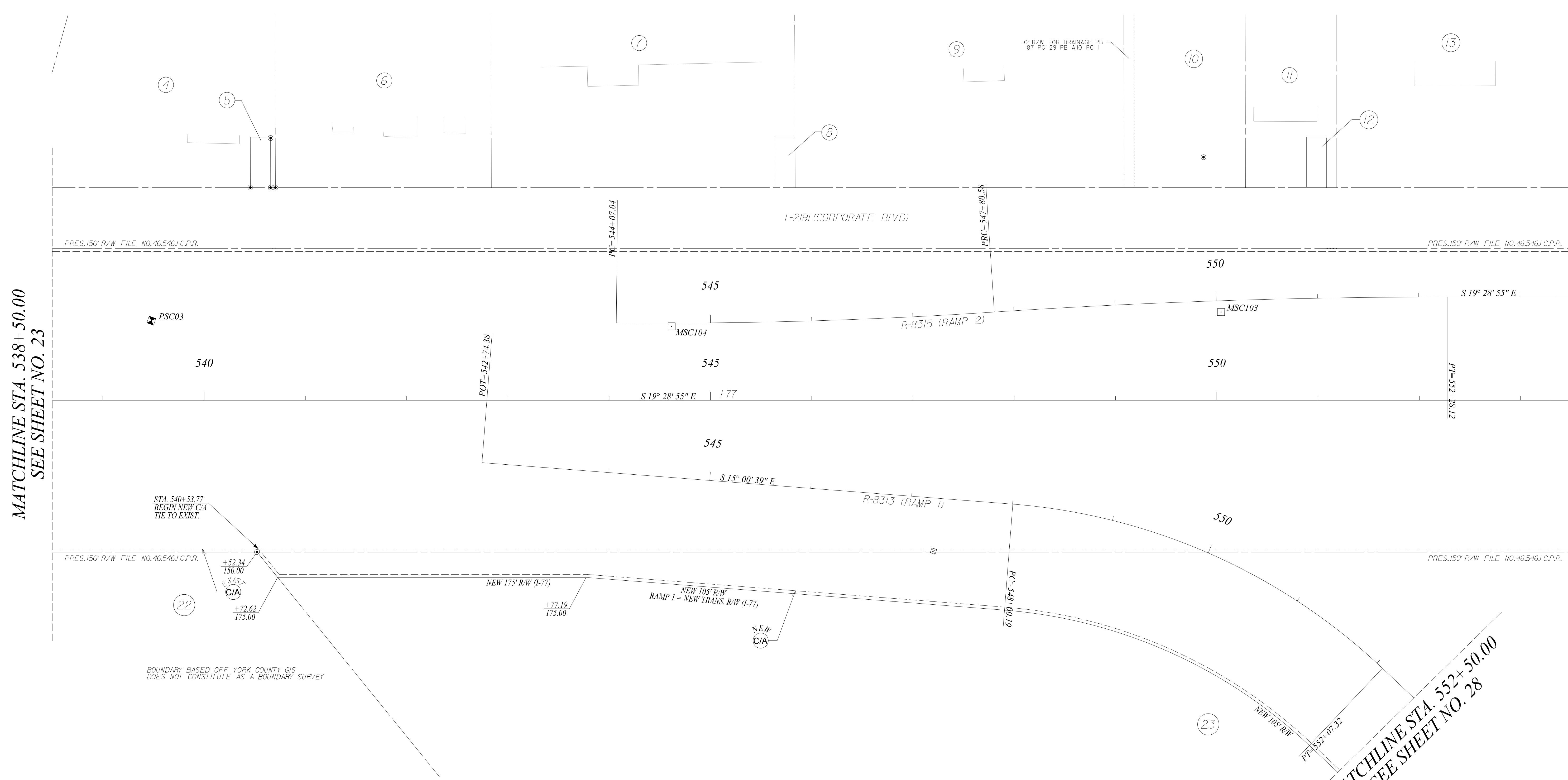
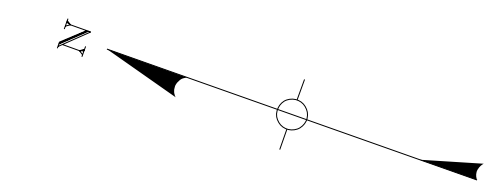
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TOPO.			
DWG.			
R/W			

SOUTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
ROAD DESIGN COLUMBIA, S.C.

I-77 INTERCHANGE AT EXIT 81  
PROJECT RIGHT OF WAY PLAN SHEET

SCALE 1"=50'     RTE. I-77     DWG. NO. 23

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	YORK	P038652	I-77	24



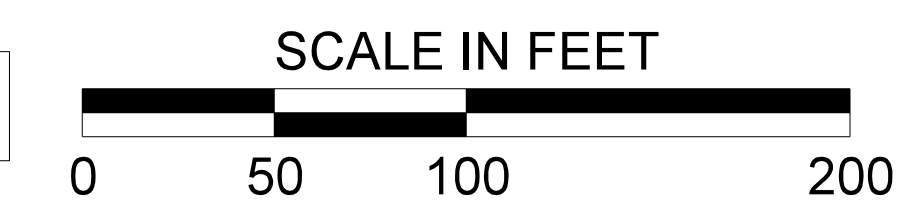
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SEE SHEET NO. 23

MATCHLINE STA. 553+50.00  
SEE SHEET NO. 25

MATCHLINE STA. 552+50.00  
SEE SHEET NO. 28

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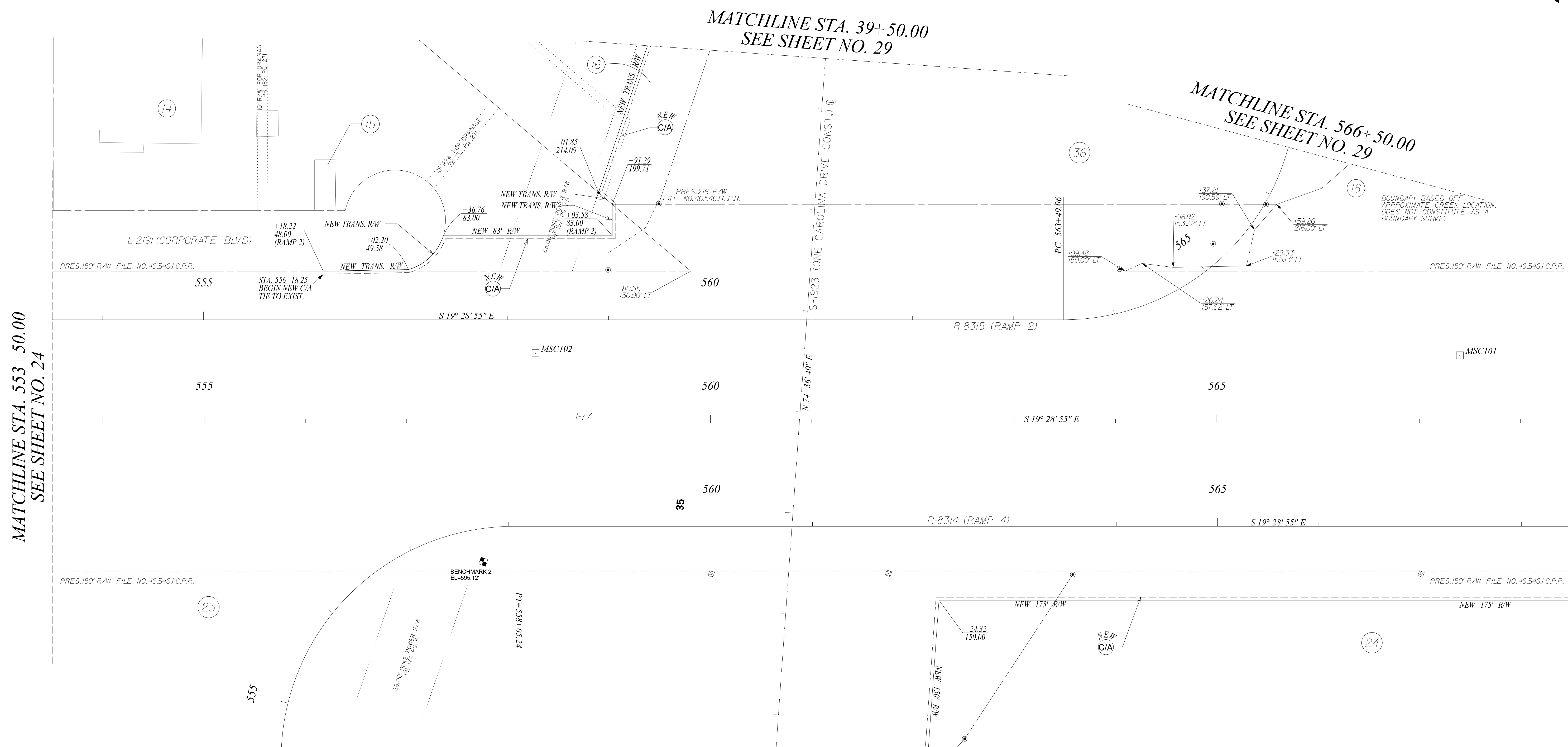
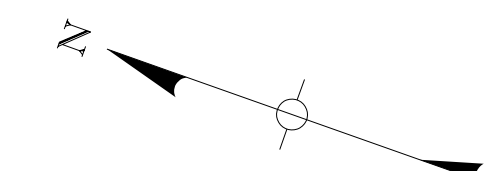
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SOUTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
ROAD DESIGN COLUMBIA, S.C.

I-77 INTERCHANGE AT EXIT 81  
PROJECT RIGHT OF WAY PLAN SHEET

SCALE 1"=50'     RTE. I-77     DWG. NO. 24

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
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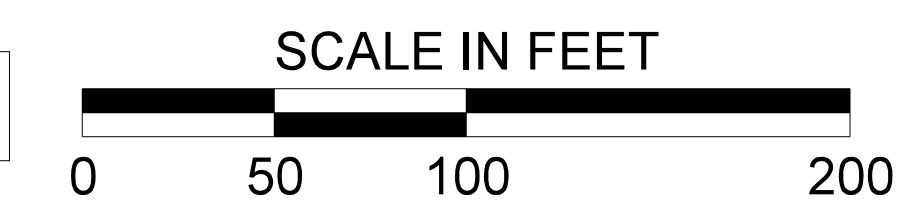


MATCHLINE STA. 553+50.00  
SEE SHEET NO. 24

MATCHLINE STA. 568+50.00  
SEE SHEET NO. 26

- R/W NOTES:**
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  - R/W SHOWN FOR TRACT 36 IS NOT COMPLETE AND IS SUBJECT TO CHANGE BASED ON THE DESIGN

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEET



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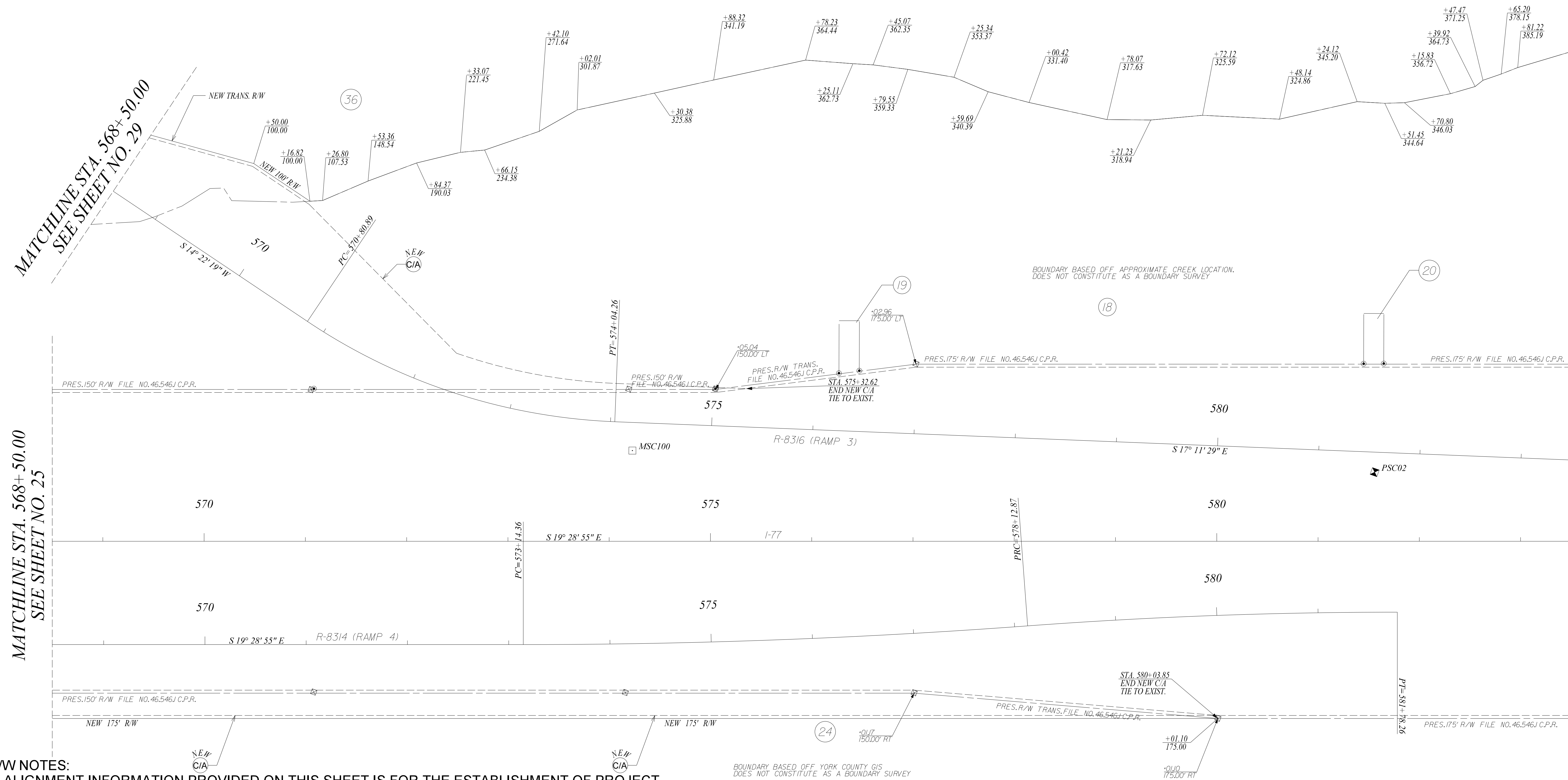
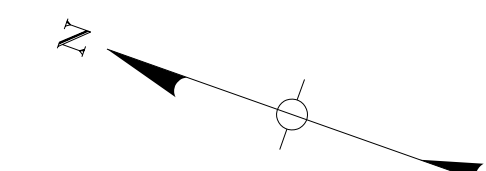
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DEPARTMENT OF TRANSPORTATION  
ROAD DESIGN COLUMBIA, S.C.

I-77 INTERCHANGE AT EXIT 81  
PROJECT RIGHT OF WAY PLAN SHEET

SCALE 1"=50'     RTE. I-77     DWG. NO. 25

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	YORK	P038652	I-77	26

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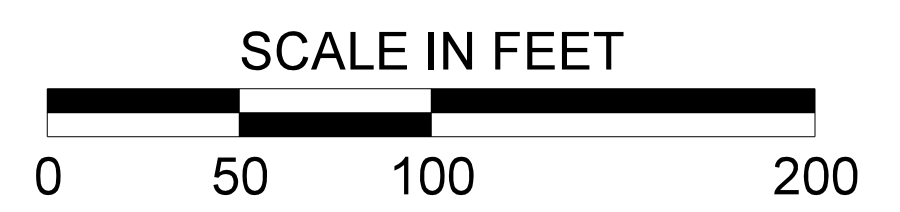
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SEE SHEET NO. 25

MATCHLINE STA. 583+50.00  
SEE SHEET NO. 27

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 2. R/W SHOWN FOR TRACT 36 IS NOT COMPLETE AND IS SUBJECT TO CHANGE BASED ON THE DESIGN

BOUNDARY BASED OFF YORK COUNTY GIS DOES NOT CONSTITUTE AS A BOUNDARY SURVEY

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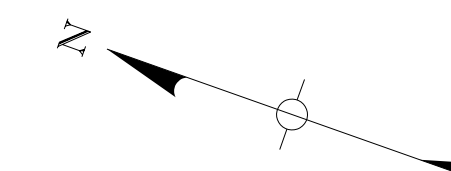
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SOUTH CAROLINA  
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 ROAD DESIGN COLUMBIA, S.C.

I-77 INTERCHANGE AT EXIT 81  
 PROJECT RIGHT OF WAY PLAN SHEET

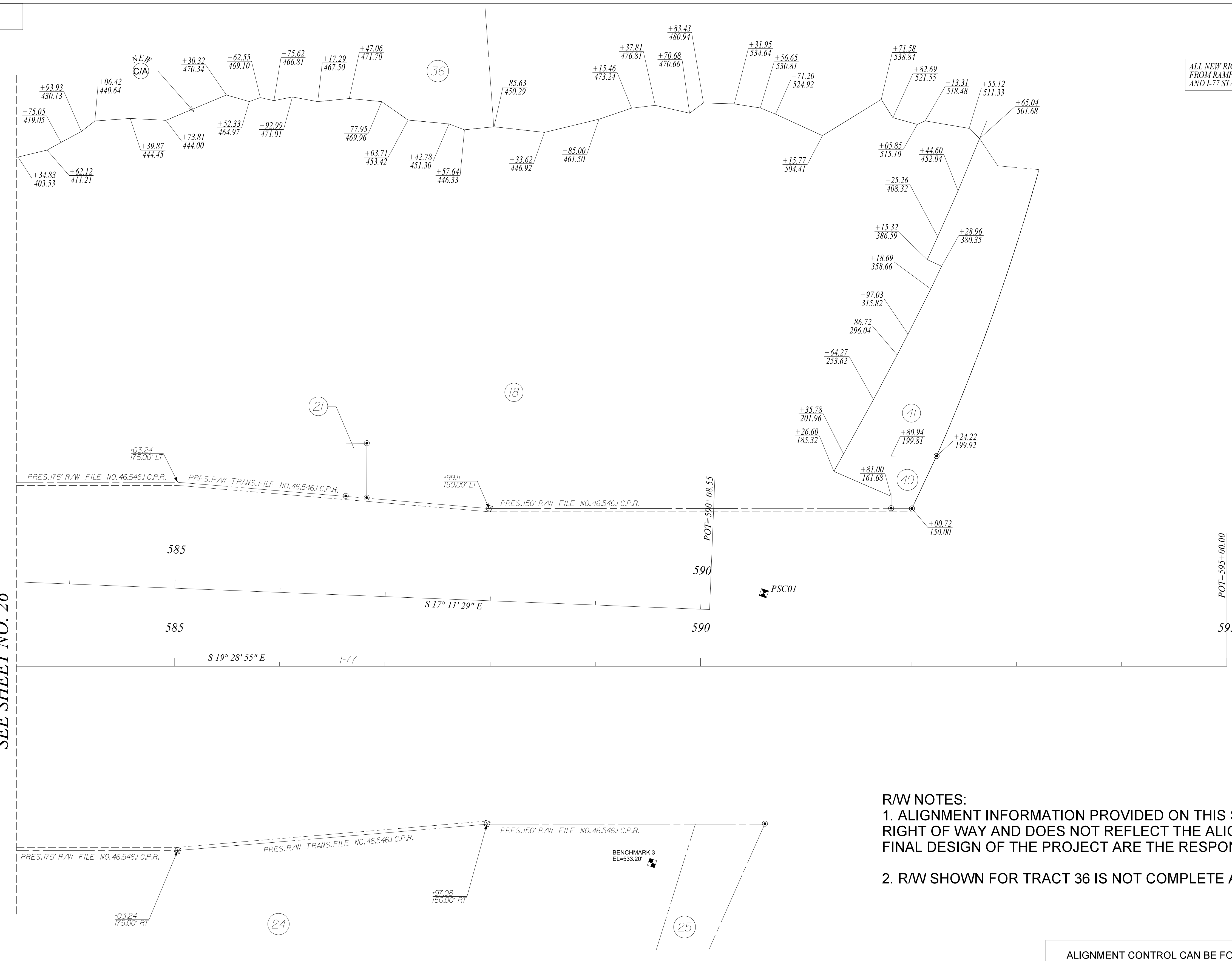
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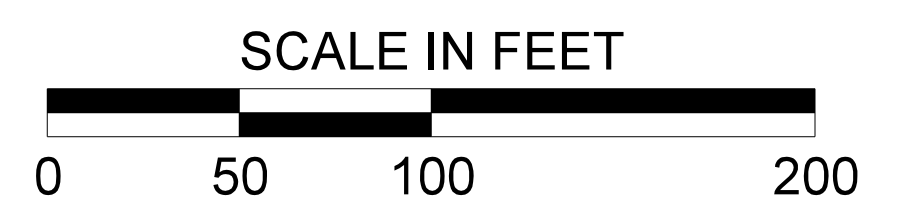
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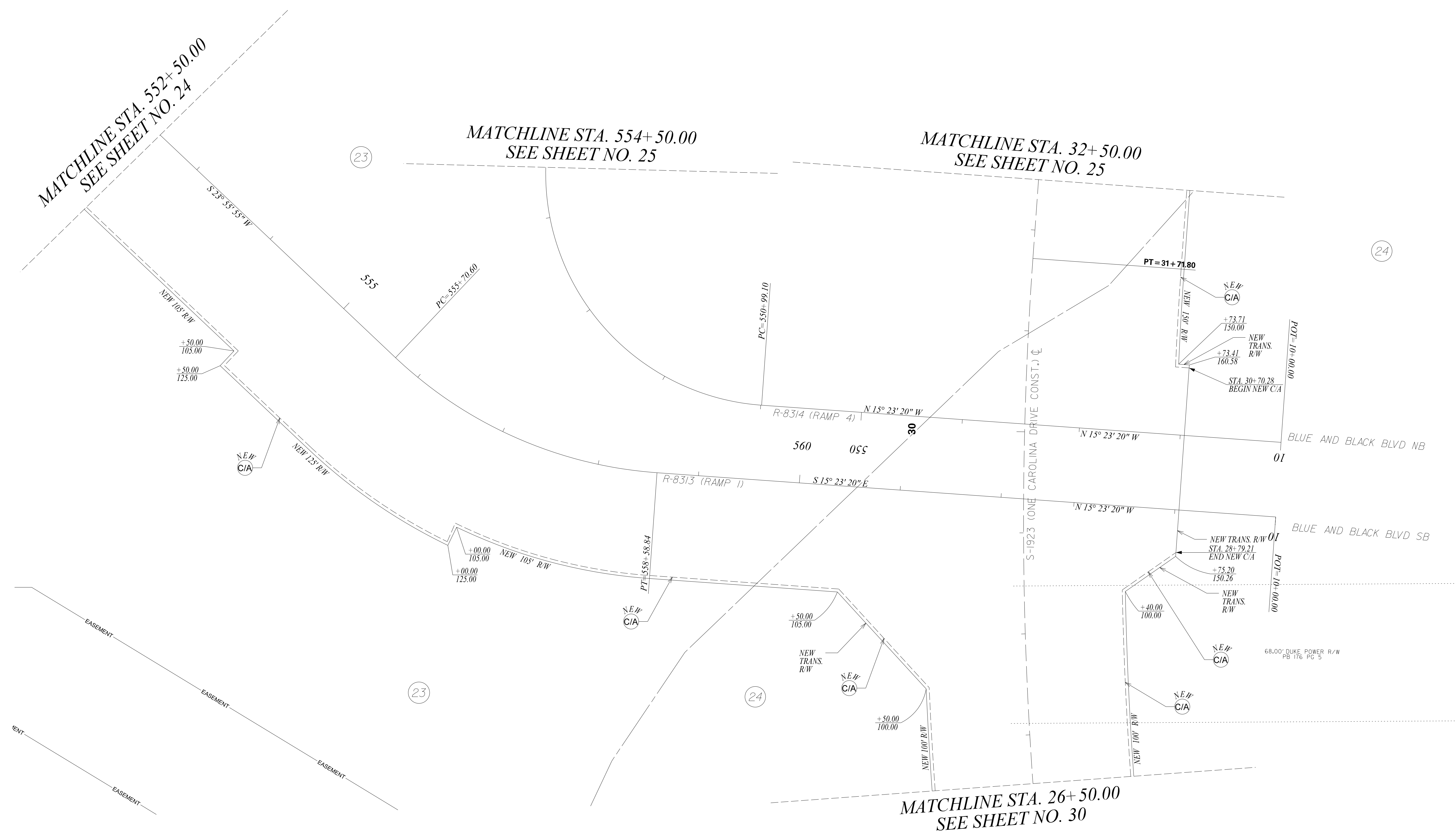
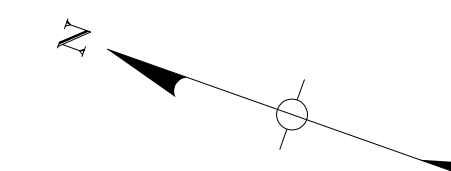
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SOUTH CAROLINA  
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I-77 INTERCHANGE AT EXIT 81  
PROJECT RIGHT OF WAY PLAN SHEET

SCALE 1"=50' RTE. I-77 DWG. NO. 27

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	YORK	P038652	I-77	28



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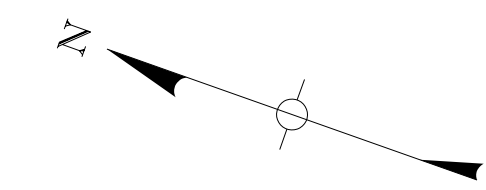
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SOUTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
ROAD DESIGN COLUMBIA, S.C.

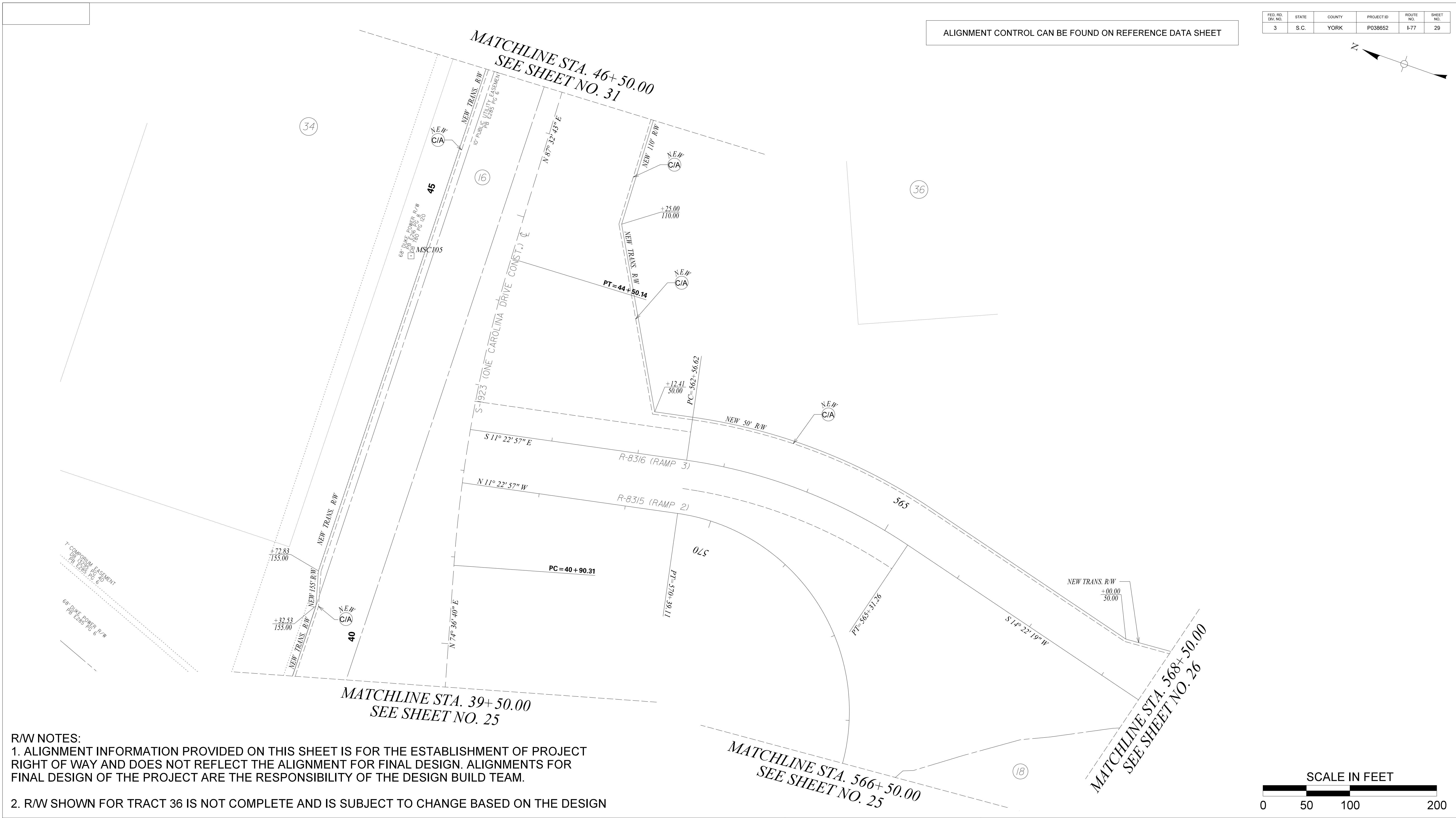
I-77 INTERCHANGE AT EXIT 81  
PROJECT RIGHT OF WAY PLAN SHEET

SCALE 1"=50'    RTE. I-77    DWG. NO. 28

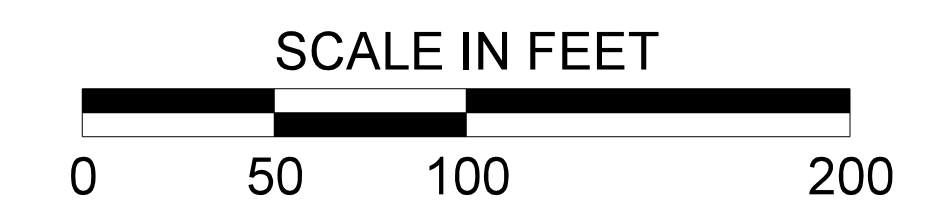
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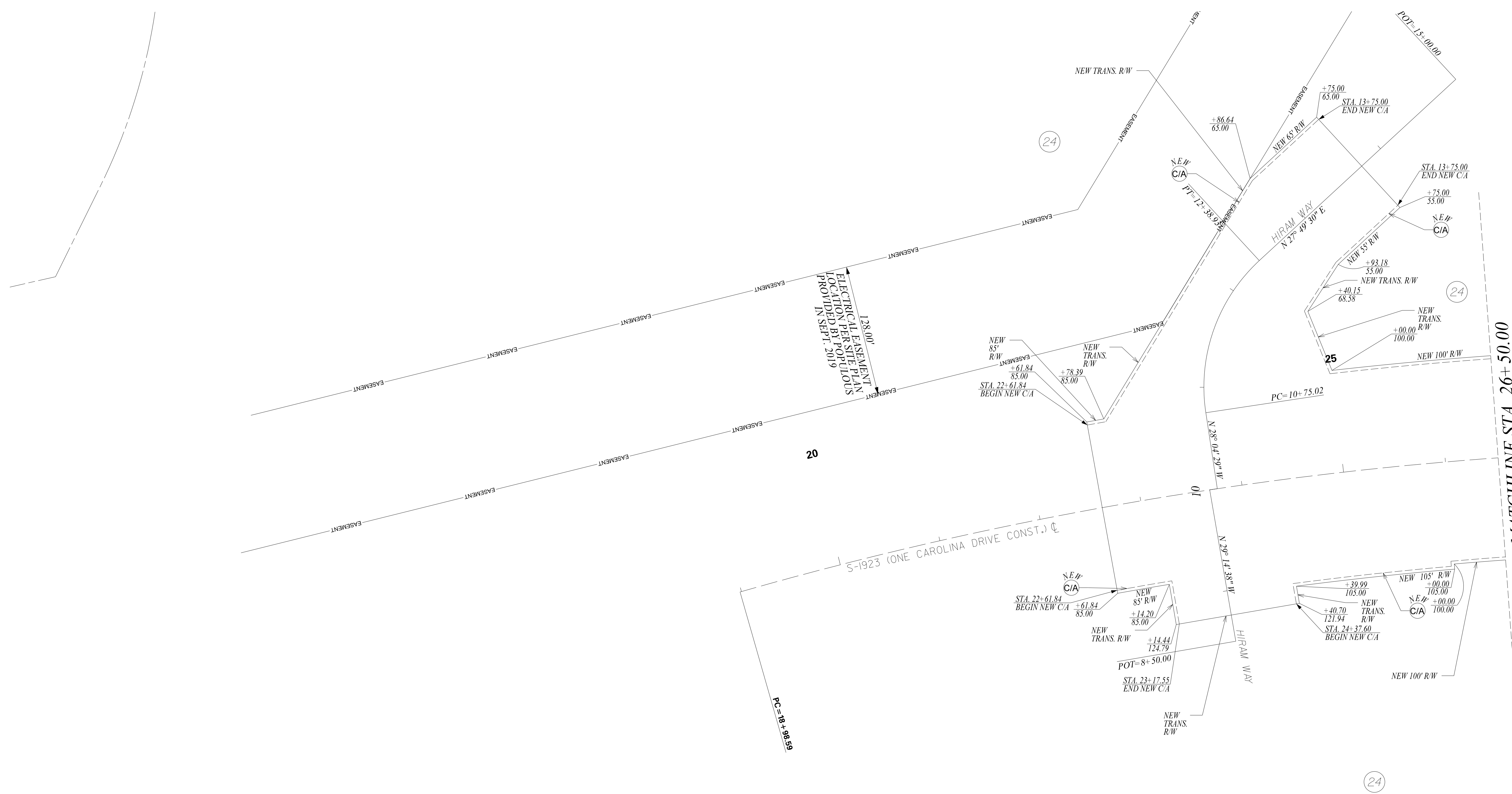
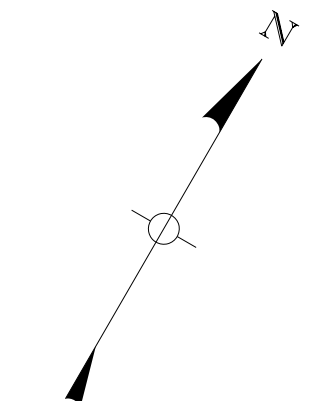
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PLANS PREPARED BY:  <b>NEEL-SCHAFFER</b> <i>Solutions you can build upon</i>	<b>PRELIMINARY PLANS NOT FOR CONSTRUCTION</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;">4</td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 65%;"></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> <th>REV. NO.</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION OF REVISION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	4				3				2				1				REV. NO.	BY	DATE	DESCRIPTION OF REVISION													SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION ROAD DESIGN COLUMBIA, S.C.  I-77 INTERCHANGE AT EXIT 81 PROJECT RIGHT OF WAY PLAN SHEET  SCALE 1"=50'    RTE. I-77    DWG. NO. 29
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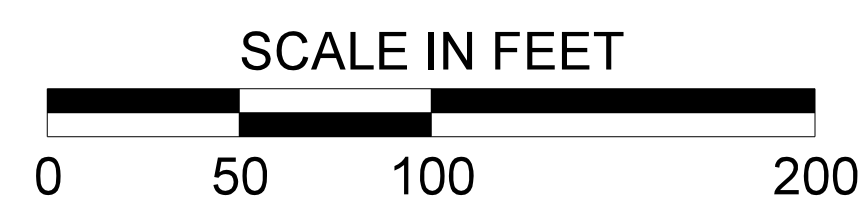




MATCHLINE STA. 26+50.00  
SEE SHEET NO. 28

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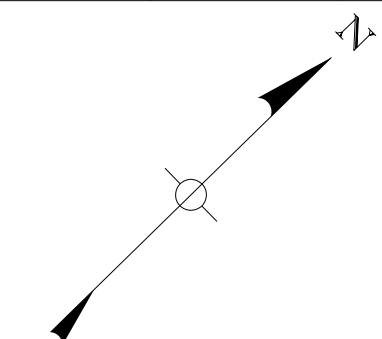
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SOUTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
ROAD DESIGN COLUMBIA, S.C.

I-77 INTERCHANGE AT EXIT 81  
PROJECT RIGHT OF WAY PLAN SHEET

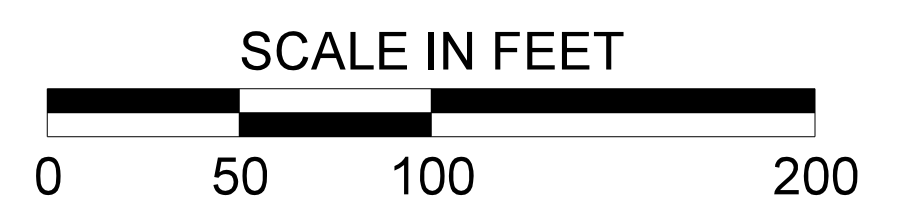
SCALE 1"=50'     RTE. I-77     DWG. NO. 30

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	YORK	P038652	I-77	31



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 11/9/2020

PLANS PREPARED BY:



**PRELIMINARY PLANS  
NOT FOR CONSTRUCTION**

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I-77 INTERCHANGE AT EXIT 81  
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SCALE 1"=50'    RTE. I-77    DWG. NO. 31