



SHEET NO.	TOTAL SHEETS
1	363

SEE SHEET IL1 FOR INDEX OF SHEETS

PROPOSED PLANS
FOR SPARTANBURG / CHEROKEE COUNTIES
PROJECT NO. P027114
INTERSTATE 85 SEGMENT B
WIDENING IMPROVEMENTS
APPROXIMATELY MILE MARKER 86 TO MILE MARKER 90

BRIDGE PLANS BOUND
UNDER A SEPARATE COVER

Design Reference for these plans is the:

2001
AASHTO "A Policy on Geometric Design of
Highways and Streets"

Hydraulic Design Reference for these plans is the:

2009
Edition of SCDOT's "Requirements for
Hydraulic Design Studies"

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 checked="" type="checkbox"/> SC	<input type="checkbox"/> USCG	<input type="checkbox"/> USACE	<input type="checkbox"/> NA	

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			
55,500	ADT	2013	
83,000	ADT	2040	
TRUCKS <input checked="" type="checkbox"/> %			



SURVEY STATION 1185+00.00 BEGIN
SEGMENT B PROJECT ID P027114 I-85

LAYOUT SPARTANBURG / CHEROKEE COUNTIES
NOT TO SCALE

	PROPOSED PROJECT		
	I-85	SIDE ROADS	TOTAL
NET LENGTH OF ROADWAY	-	-	- MILES
NET LENGTH OF BRIDGES	-	-	- MILES
NET LENGTH OF PROJECT	-	-	- MILES
LENGTH OF EXCEPTIONS	-	-	- MILES
GROSS LENGTH OF PROJECT	-	-	- MILES

EQUALITIES IN STATIONING
NONE

NOTE: 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.

NPDES PERMIT INFORMATION	
DISTURBED AREA =	X.XXX ACRES
PERMITTED AREA =	X.XXX ACRES

APPROXIMATE LOCATION OF ROADWAY IS	
BEGIN	
LATITUDE	35° 03'54.0"N
LONGITUDE	81° 46'20.0"W
END	
LATITUDE	35° 05'45.0"N
LONGITUDE	81° 40'55.0"W

Hydraulic and NPDES Design
provided by:

Designs may be obtained from the
SCDOT Regional Production Group

SURVEY STATION 1485+00.00 END
SEGMENT B PROJECT ID P027114 I-85

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.

For Right Of Way Acquisition:

Consultant Engineer of Record
Date

Regional Production Engineer
Date

CONSULTING ENGINEERING FIRM

Mead
& Hunt

ENGINEER OF RECORD

PRELIMINARY
NOT FOR CONSTRUCTION

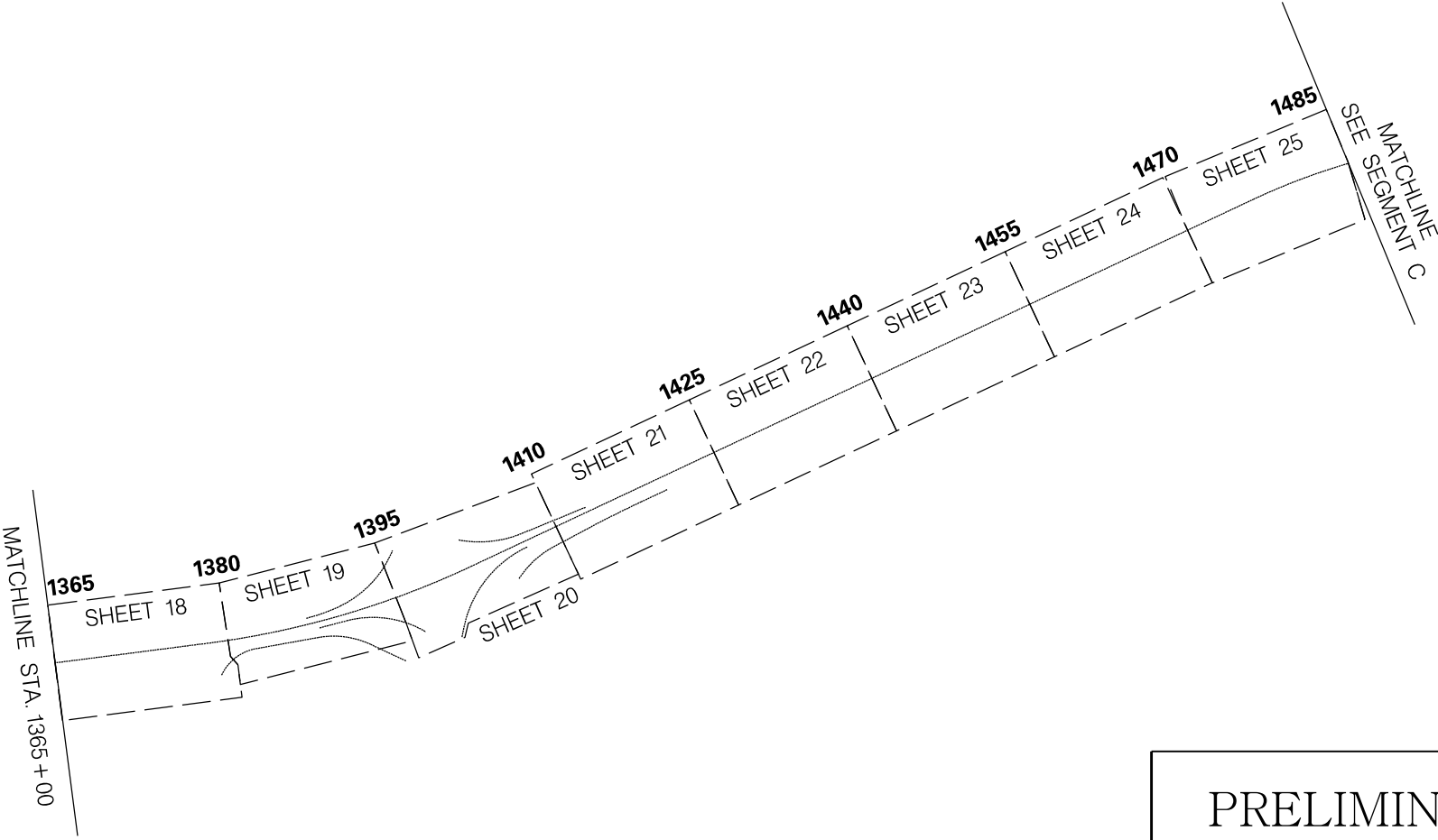
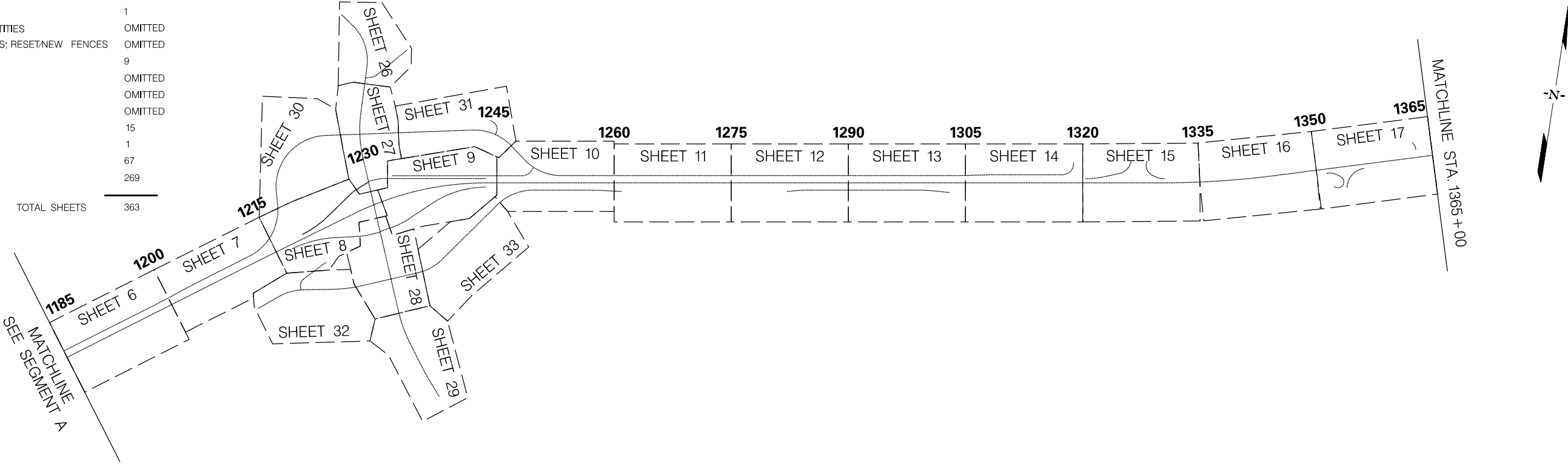
FOR CONSTRUCTION: _____
DATE

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3/24/2016

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	SHEET
1	TITLE SHEET	1
IL1	INDEX \ LAYOUT SHEET	1
2	SUMMARY OF ESTIMATED QUANTITIES	OMITTED
2A	DEMOLITION AND MOVING ITEMS; RESET/NEW FENCES	OMITTED
3 – 3H	TYPICAL SECTIONS	9
4	RIGHT-OF-WAY DATA SHEET	OMITTED
4A	PROPERTY STRIP MAP	OMITTED
5	GENERAL CONSTRUCTION NOTE	OMITTED
5A – 5O	REFERENCE DATA SHEETS	15
5P	INTERCHANGE OVERVIEW SHEET	1
6 – 52	PLAN AND PROFILE SHEETS	67
X1 – X269	CROSS SECTIONS	269

TOTAL SHEETS 363



PRELIMINARY
NOT FOR CONSTRUCTION

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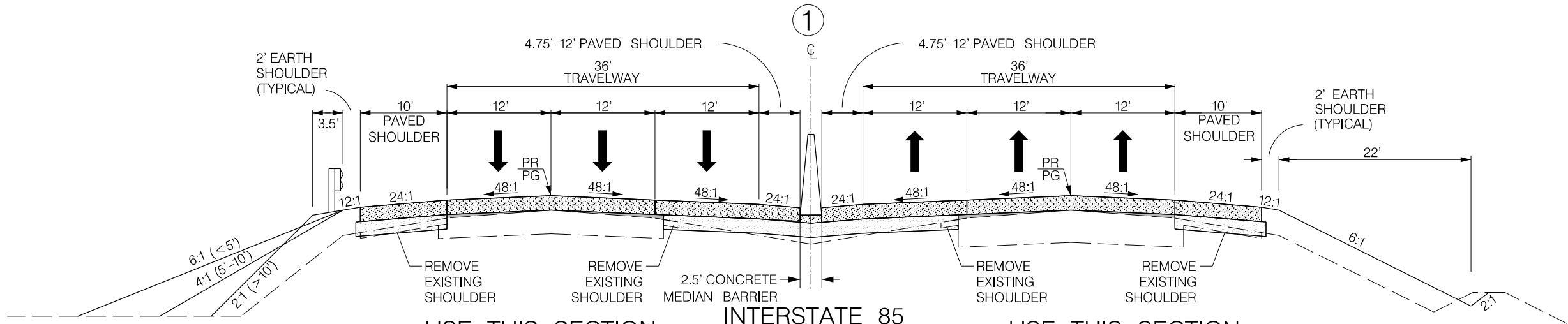
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

INDEX \ LAYOUT SHEET

INTERSTATE 85 MILE MARKER 86–90
SEGMENT B

TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

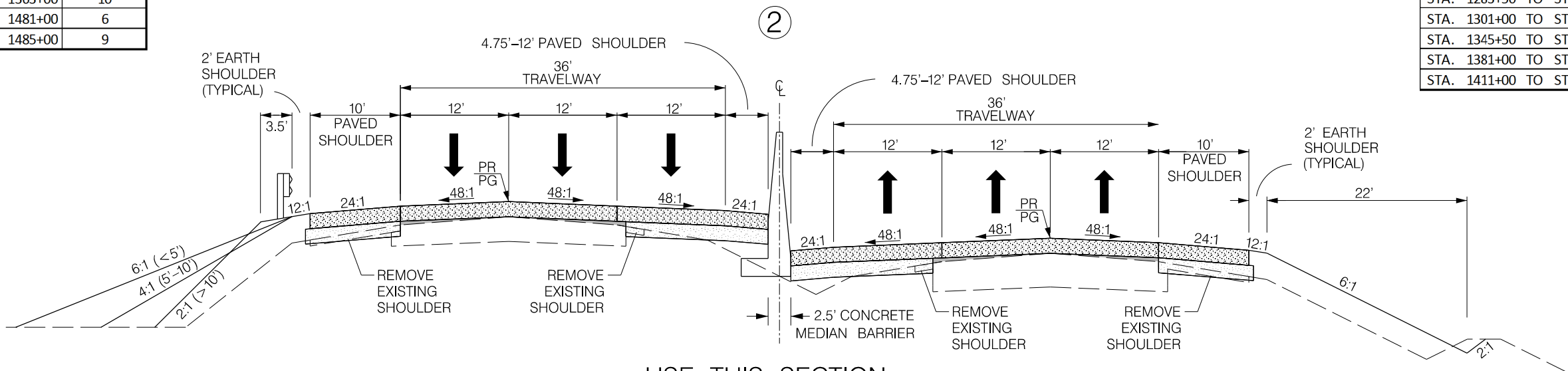


USE THIS SECTION
USE THIS SECTION
USE THIS SECTION

STA. 1206 + 00 TO STA. 1225 + 00	STA. 1229 + 00 TO STA. 1238 + 50
STA. 1249 + 00 TO STA. 1257 + 00	STA. 1261 + 00 TO STA. 1265 + 00
STA. 1269 + 00 TO STA. 1275 + 00	STA. 1297 + 00 TO STA. 1302 + 00
STA. 1321 + 00 TO STA. 1327 + 00	STA. 1332 + 00 TO STA. 1339 + 00
STA. 1342 + 82 TO STA. 1346 + 00	STA. 1352 + 00 TO STA. 1378 + 00
STA. 1410 + 00 TO STA. 1420 + 00	STA. 1479 + 00 TO STA. 1484 + 50

USE TYPICAL SECTION ON OUTSIDE LEFT	
STATION RANGE	TYPICAL NO.
STA. 1185+00 TO STA. 1197+50	12
STA. 1197+50 TO STA. 1205+00	7
STA. 1205+00 TO STA. 1216+00	11
STA. 1237+00 TO STA. 1318+00	12
STA. 1356+00 TO STA. 1363+00	10
STA. 1434+00 TO STA. 1481+00	6
STA. 1481+00 TO STA. 1485+00	9

USE TYPICAL SECTION ON OUTSIDE RIGHT	
STATION RANGE	TYPICAL NO.
STA. 1185+00 TO STA. 1186+00	6
STA. 1248+00 TO STA. 1259+00	12
STA. 1259+00 TO STA. 1260+00	6
STA. 1282+50 TO STA. 1283+50	8
STA. 1283+50 TO STA. 1301+00	12
STA. 1301+00 TO STA. 1302+00	8
STA. 1345+50 TO STA. 1351+00	10
STA. 1381+00 TO STA. 1388+00	8
STA. 1411+00 TO STA. 1427+00	8



STA. 1185 + 00 TO STA. 1206 + 00	STA. 1225 + 00 TO STA. 1229 + 00
STA. 1238 + 50 TO STA. 1249 + 00	STA. 1257 + 00 TO STA. 1261 + 00
STA. 1265 + 00 TO STA. 1269 + 00	STA. 1275 + 00 TO STA. 1297 + 00
STA. 1302 + 00 TO STA. 1321 + 00	STA. 1327 + 00 TO STA. 1332 + 00
STA. 1346 + 00 TO STA. 1352 + 00	STA. 1378 + 00 TO STA. 1410 + 00
STA. 1420 + 00 TO STA. 1479 + 00	STA. 1484 + 50 TO STA. 1485 + 00

FUNCTIONAL CLASSIFICATION: FREEWAY

- ① PORTLAND CEMENT CONCRETE PAVEMENT 12" UNIFORM
- ② HOT MIX ASPHALT BASE COURSE
- ③ HOT MIX ASPHALT SURFACE COURSE FOR WEDGING OR BUILD-UP

RTE. DESIGN SPEED		
MPH	FROM STA.	TO STA.
65		
EXCEPTIONS TO DESIGN SPEED		

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = NTS

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

TYPICAL SECTION SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

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3/24/2016

TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	SPARTANBURG CHEROKEE	P027114	INTERSTATE 85	3A

③

INTERSTATE 85
TYPICAL SECTION OMITTED

④

INTERSTATE 85
TYPICAL SECTION OMITTED

FUNCTIONAL CLASSIFICATION: FREEWAY

- ①

PORTLAND CEMENT CONCRETE PAVEMENT 12" UNIFORM
- ②

HOT MIX ASPHALT BASE COURSE
- ③

HOT MIX ASPHALT SURFACE COURSE
FOR WEDGING OR BUILD-UP

RTE.		DESIGN SPEED	
MPH	FROM STA.	TO STA.	
EXCEPTIONS TO DESIGN SPEED			

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = NTS

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

TYPICAL SECTION SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

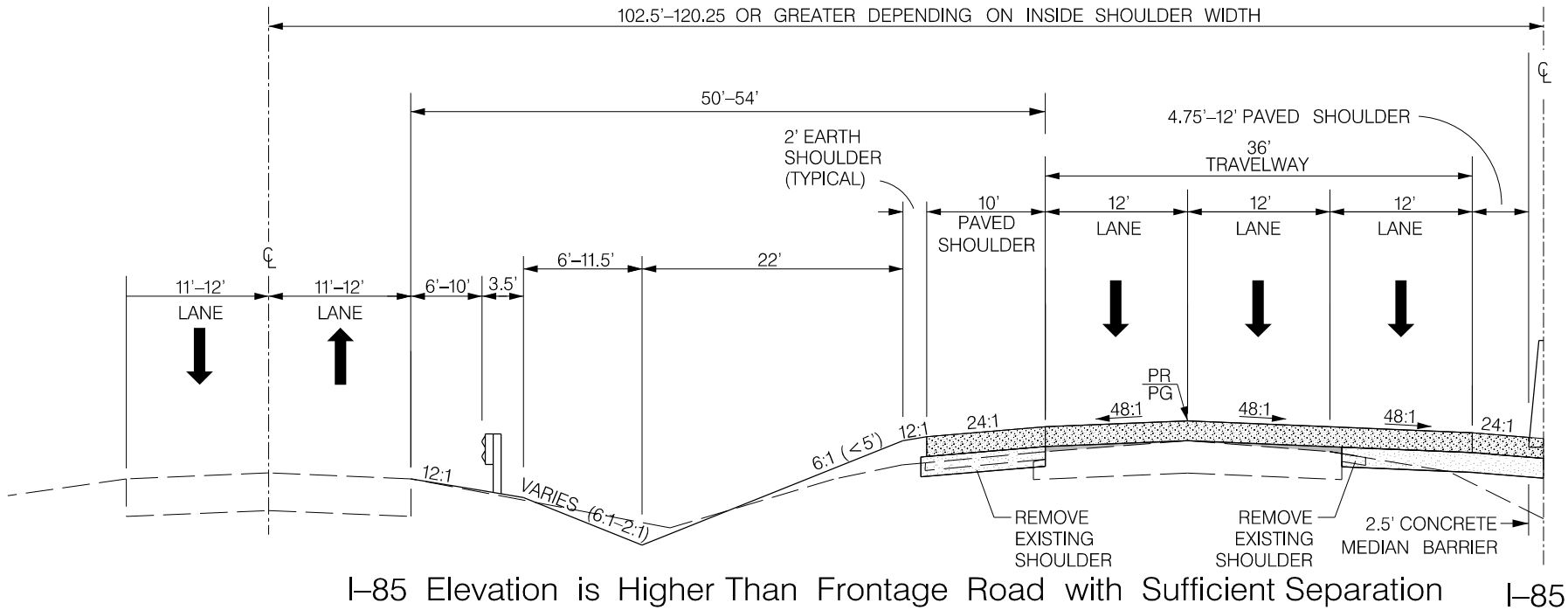
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SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	SPARTANBURG CHEROKEE	P027114	INTERSTATE 85	3B

5

INTERSTATE 85
TYPICAL SECTION OMITTED

6



FUNCTIONAL CLASSIFICATION: FREEWAY

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 12" UNIFORM
- 2 HOT MIX ASPHALT BASE COURSE
- 3 HOT MIX ASPHALT SURFACE COURSE FOR WEDGING OR BUILD-UP

RTE.	DESIGN SPEED	
	MPH	FROM STA. TO STA.
EXCEPTIONS TO DESIGN SPEED		

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NOT FOR CONSTRUCTION

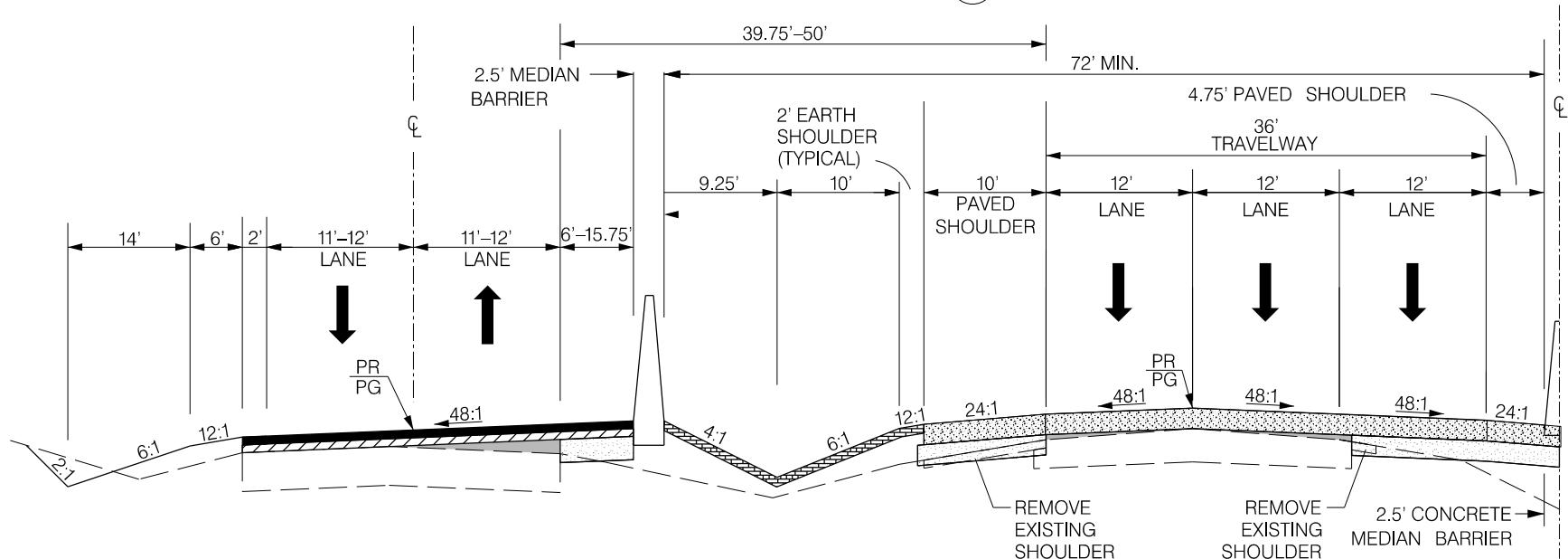
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

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TYPICAL SECTION SHEET
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B

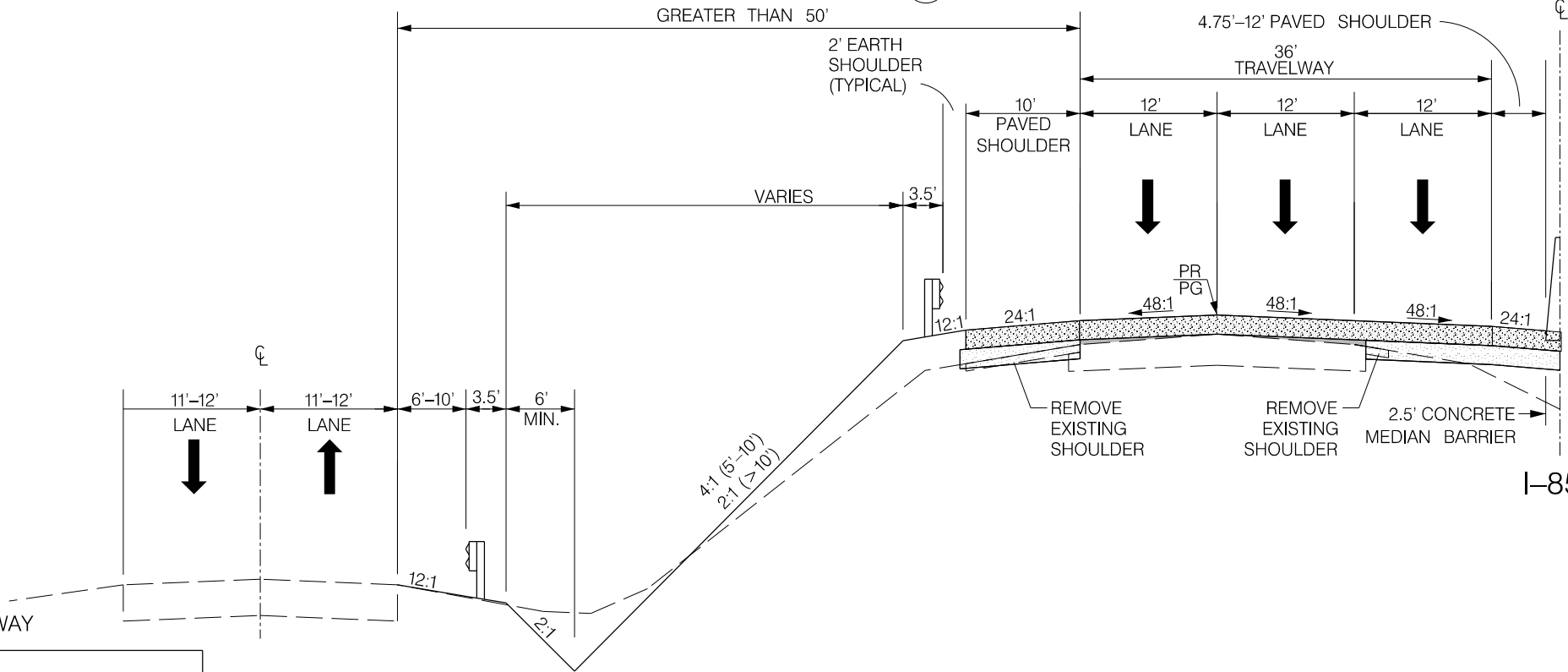
TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

7



I-85 Elevation is Approximately Same Elevation as Frontage Road with Insufficient Separation

8



FUNCTIONAL CLASSIFICATION: FREEWAY

I-85 Elevation is Higher Than Frontage Road with Insufficient Separation

	①	PORTLAND CEMENT CONCRETE PAVEMENT 12" UNIFORM
	②	HOT MIX ASPHALT SURFACE COURSE
	③	HOT MIX ASPHALT INTERMEDIATE COURSE
	④	HOT MIX ASPHALT BASE COURSE
	⑤	HOT MIX ASPHALT SURFACE COURSE FOR WEDGING OR BUILD-UP
	⑥	HOT MIX ASPHALT INTERMEDIATE COURSE (4 INCHES)

RTE. DESIGN SPEED		
MPH	FROM STA.	TO STA.
65		
EXCEPTIONS TO DESIGN SPEED		

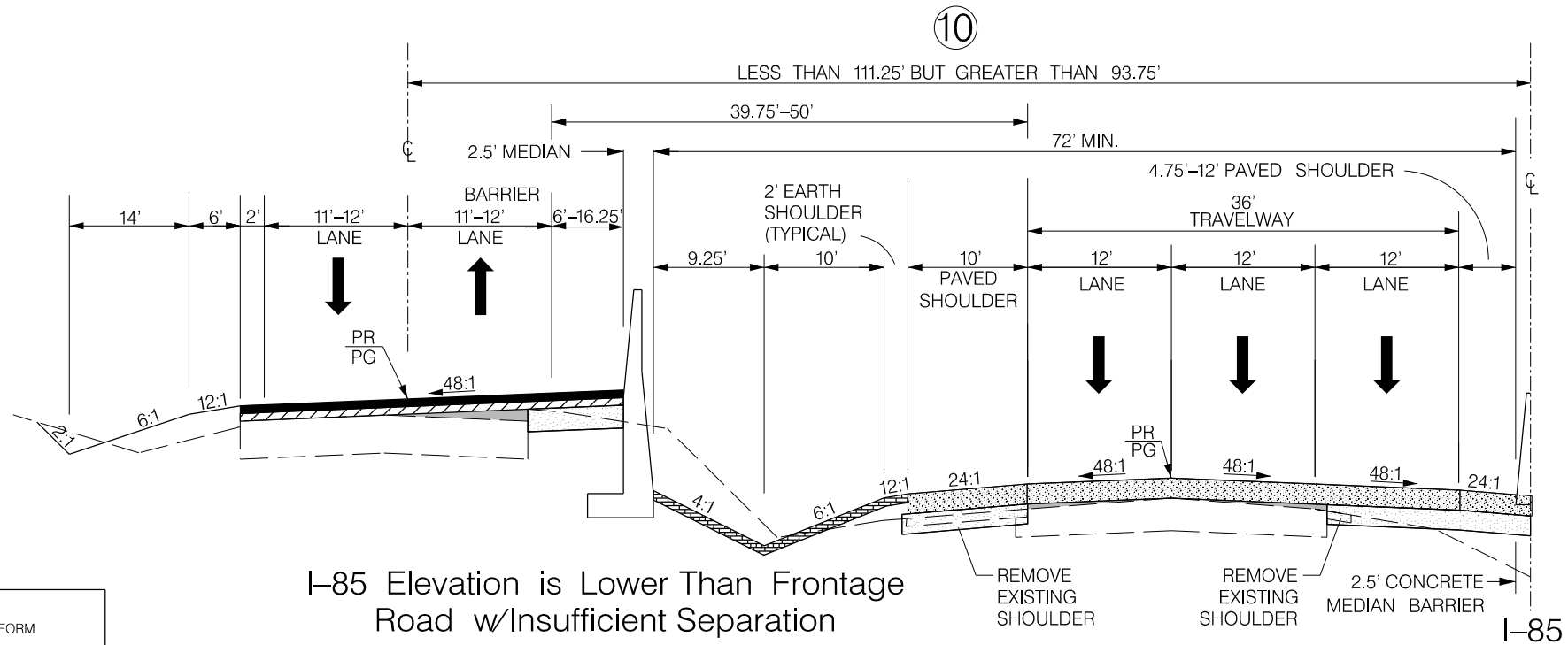
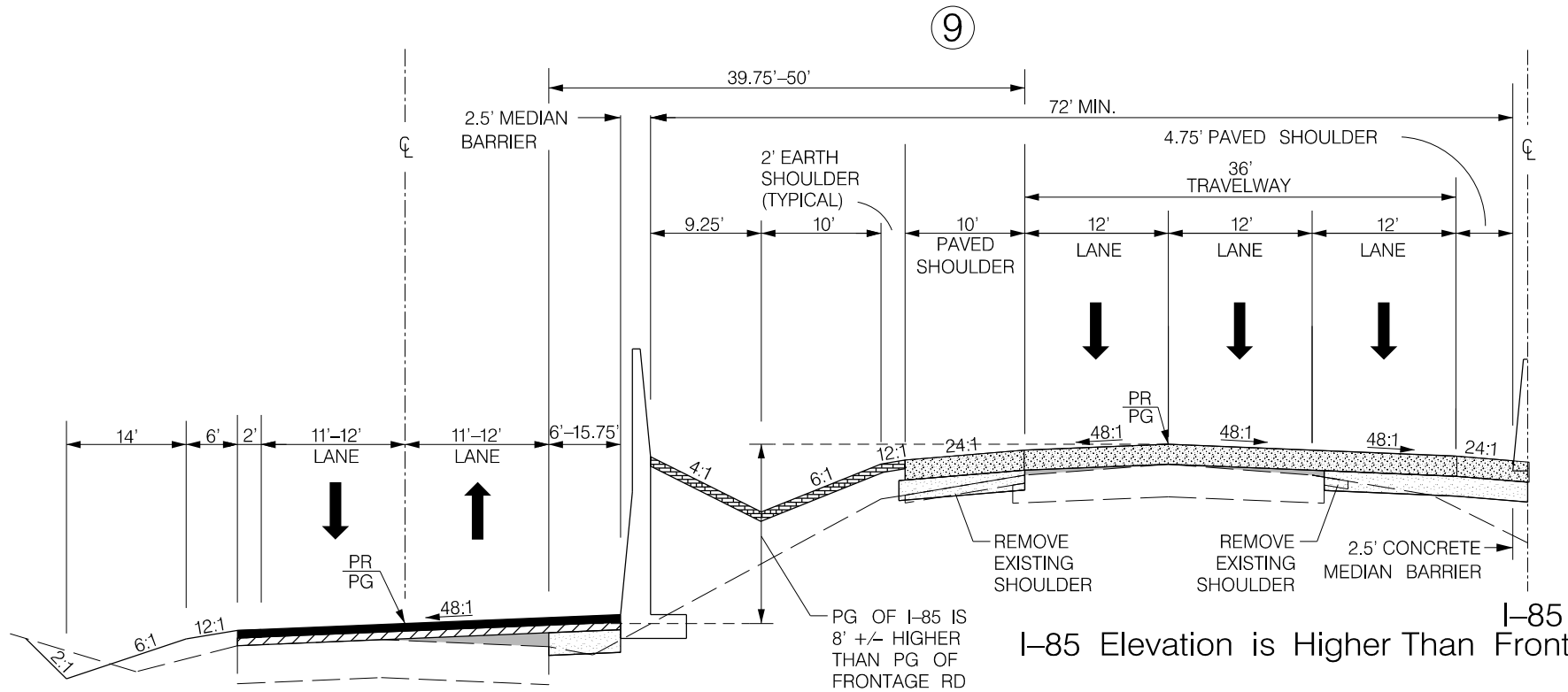
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SCALE: 1" = NTS				
REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85	
TYPICAL SECTION SHEET	
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B	

TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	SPARTANBURG CHEROKEE	P027114	INTERSTATE 85	3D



FUNCTIONAL CLASSIFICATION: FREEWAY

- | | | |
|--|---|--|
| | ① | PORTLAND CEMENT CONCRETE PAVEMENT 12" UNIFORM |
| | ② | HOT MIX ASPHALT SURFACE COURSE |
| | ③ | HOT MIX ASPHALT INTERMEDIATE COURSE |
| | ④ | HOT MIX ASPHALT BASE COURSE |
| | ⑤ | HOT MIX ASPHALT SURFACE COURSE FOR WEDGING OR BUILD-UP |
| | ⑥ | HOT MIX ASPHALT INTERMEDIATE COURSE (4 INCHES) |

RTE.	DESIGN SPEED	
	MPH	FROM STA. TO STA.
	65	
EXCEPTIONS TO DESIGN SPEED		

PRELIMINARY
NOT FOR CONSTRUCTION

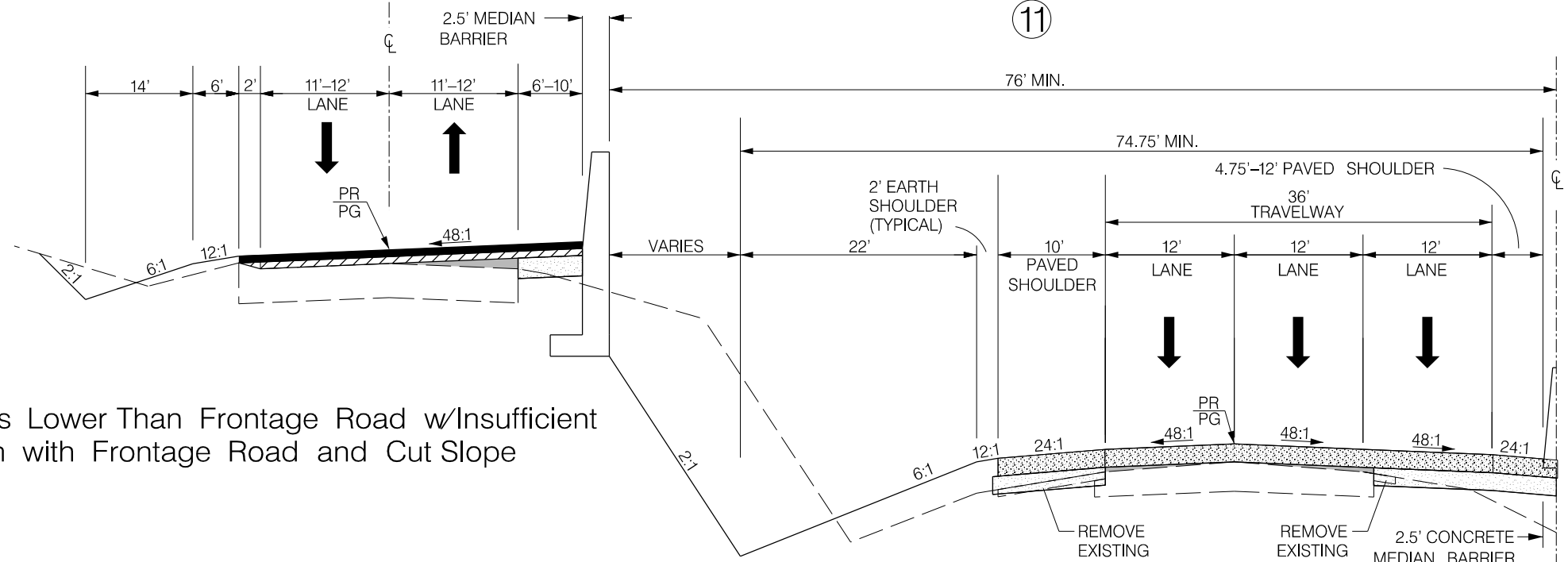
SCALE: 1" = NTS

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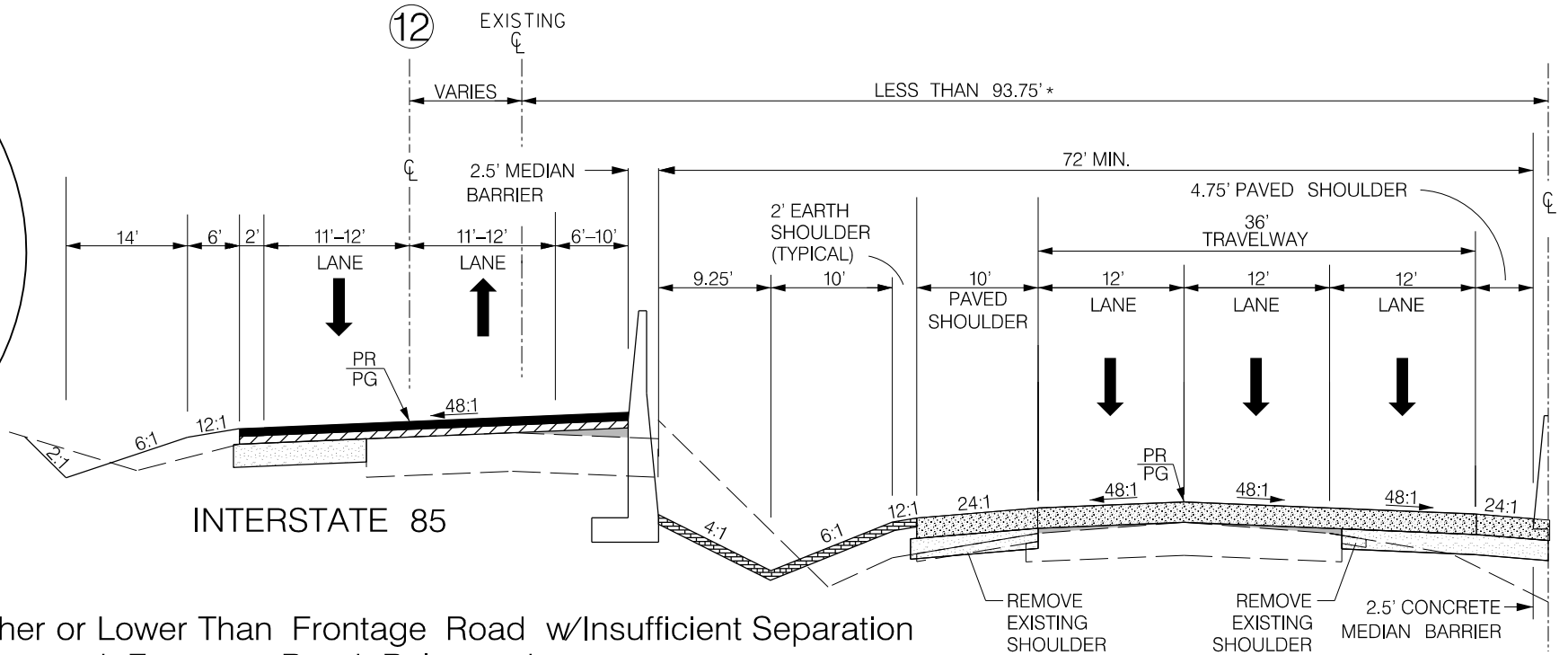
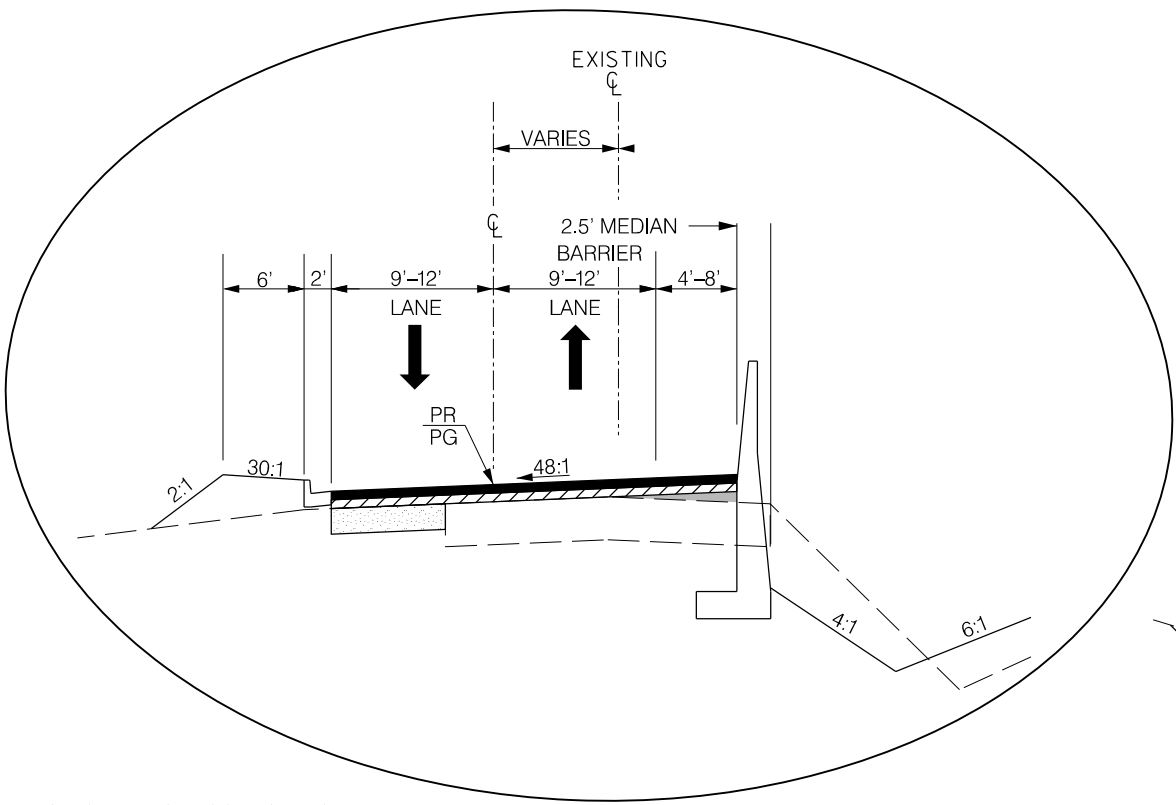
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85	
TYPICAL SECTION SHEET	
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B	

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3/24/2016

TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.



I-85 Elevation is Lower Than Frontage Road w/Insufficient Separation with Frontage Road and Cut Slope



INTERSTATE 85

I-85 Elevation is Higher or Lower Than Frontage Road w/Insufficient Separation and Frontage Road Relocated

NOTE:
* WHEN DISTANCE IS LESS THAN 93.75' RELOCATE FRONTAGE ROAD TO MATCH TYPICAL SECTION SHOWN.

FUNCTIONAL CLASSIFICATION: FREEWAY

	①	PORTLAND CEMENT CONCRETE PAVEMENT 12" UNIFORM
	②	HOT MIX ASPHALT SURFACE COURSE
	③	HOT MIX ASPHALT INTERMEDIATE COURSE
	④	HOT MIX ASPHALT BASE COURSE
	⑤	HOT MIX ASPHALT SURFACE COURSE FOR WEDGING OR BUILD-UP
	⑥	HOT MIX ASPHALT INTERMEDIATE COURSE (4 INCHES)

RTE. DESIGN SPEED		
MPH	FROM STA.	TO STA.
65		
EXCEPTIONS TO DESIGN SPEED		

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = NTS

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85	
TYPICAL SECTION SHEET	
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B	

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3/24/2016

TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

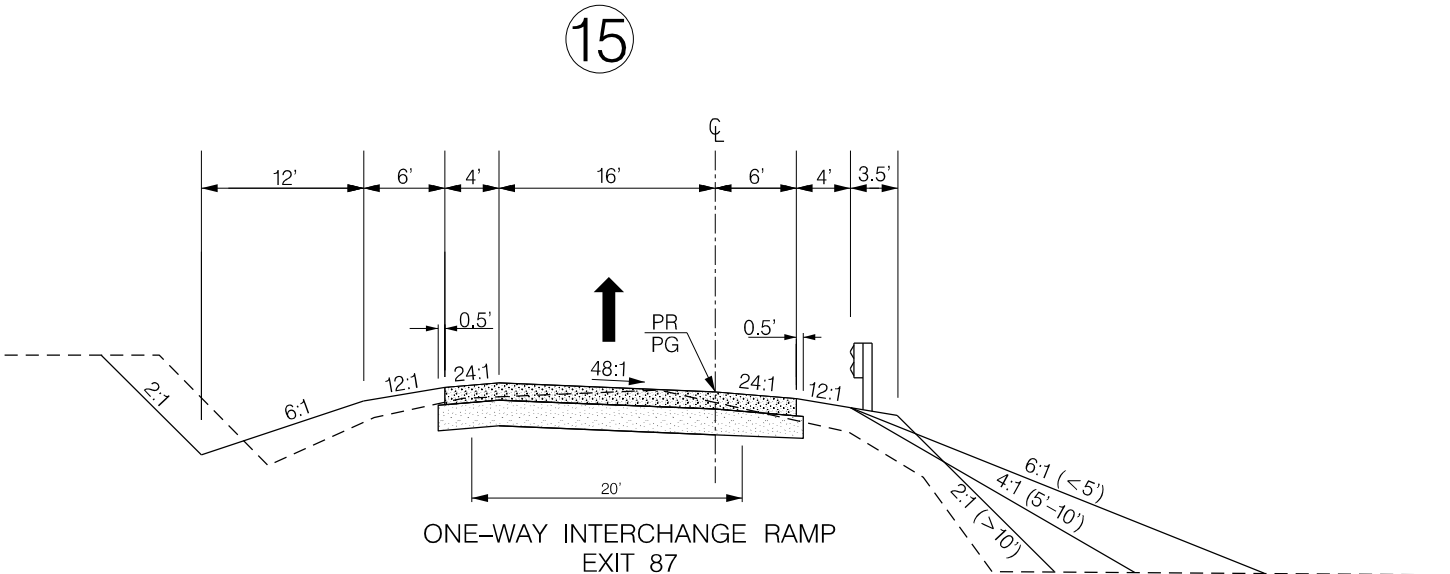
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	SPARTANBURG CHEROKEE	P027114	INTERSTATE 85	3F

13

TYPICAL SECTION OMITTED

14

TYPICAL SECTION OMITTED



RAMP A STA.1228 + 70.38 TO STA. 1243 + 61.07
RAMP B STA. 1219 + 00.00 TO STA. 1229 + 65.48
RAMP C STA. 1217 + 00.00 TO STA. 1228 + 35.90
RAMP D STA. 1228 + 86.43 TO STA. 1243 + 61.07

EXIT 90
RAMP A STA. 1404 + 10.00 TO STA. 1413 + 00.00
RAMP B STA. 1387 + 00.00 TO STA. 1393 + 00.00
RAMP C STA. 1387 + 90.00 TO STA. 1392 + 50.00
RAMP D STA. 1399 + 50.00 TO STA. 1407 + 00.00

REST AREA
RAMP A STA. 1328 + 10.00 TO STA. 1330 + 55.00
RAMP B STA. 1320 + 35.00 TO STA. 1324 + 70.00
RAMP C STA. 1351 + 26.52 TO STA. 1354 + 25.00
RAMP D STA. 1352 + 80.00 TO STA. 1356 + 12.96

RAMPS

FUNCTIONAL CLASSIFICATION: FREEWAY RAMPS

- 1

PORTLAND CEMENT CONCRETE PAVEMENT 12" UNIFORM
- 4

HOT MIX ASPHALT BASE COURSE

RTE.	DESIGN SPEED	
	MPH	FROM STA. TO STA
30-55		
EXCEPTIONS TO DESIGN SPEED		

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = NTS

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REV.NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

TYPICAL SECTION SHEET

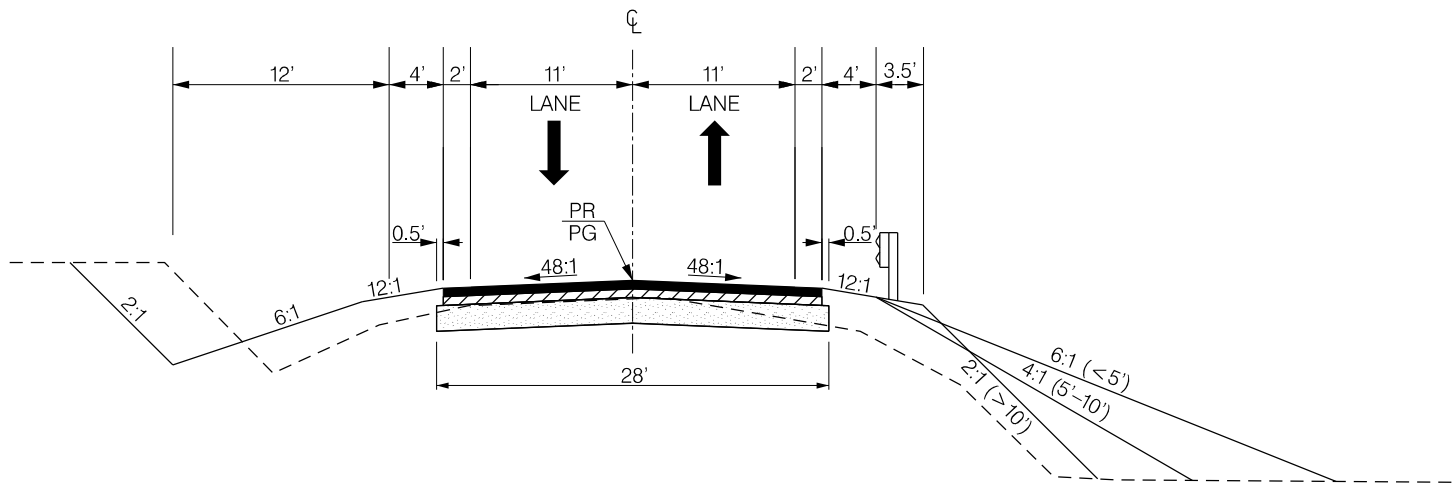
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SEGMENT B

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3/24/2016

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	SPARTANBURG CHEROKEE	P027114	INTERSTATE 85	3G

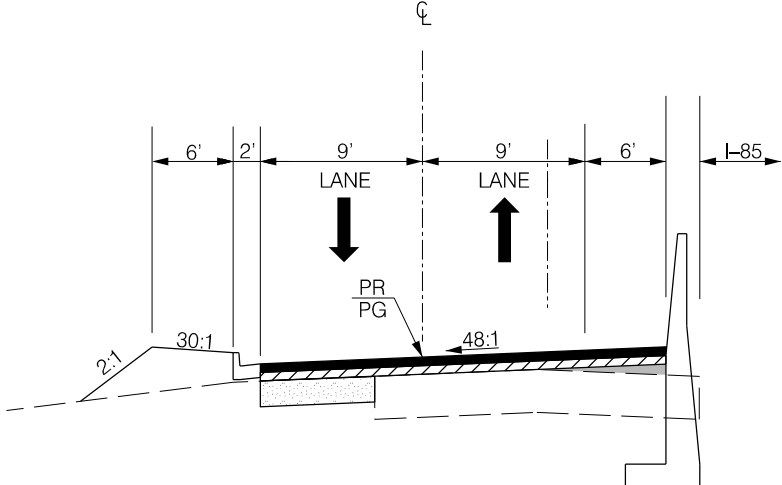
TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

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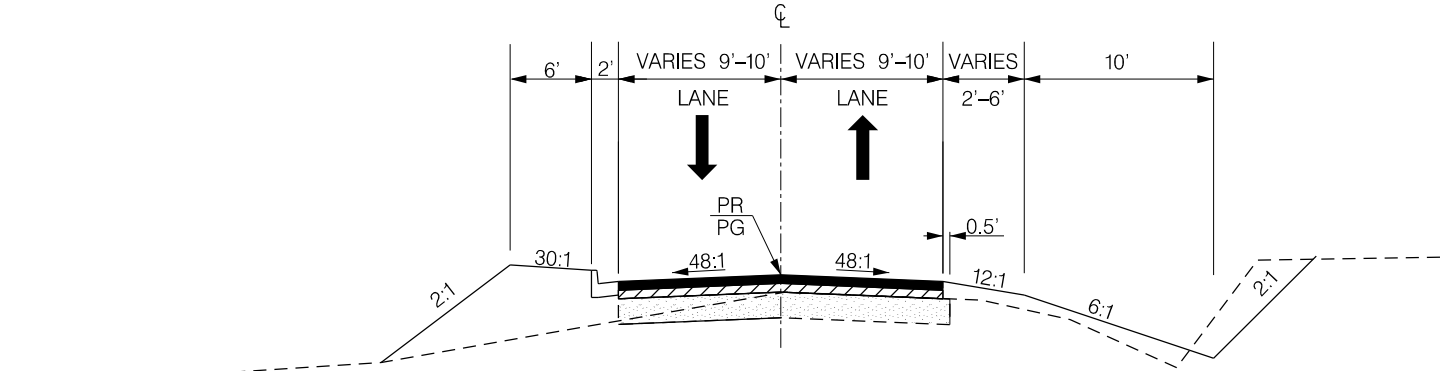
EXIT 87 FRONTAGE ROAD A STA. 1225+74.59 TO STA. 1252+00.00
EXIT 87 FRONTAGE ROAD A STA. 1318+00.00 TO STA. 1319+25.00
EXIT 87 FRONTAGE ROAD B STA. 1216+00.00 TO STA. 1235+29.20
EXIT 87 FRONTAGE ROAD C STA. 300+00.00 TO STA. 320+59.61
EXIT 87 FRONTAGE ROAD D STA. 1223+17.06 TO STA. 1248+00.00
S-645 (LEMMONS LANE) STA. 1378+75.00 TO STA. 1381+00.00
S-645 (LEMMONS LANE) STA. 1388+00.00 TO STA. 1391+00.00
S-659 (WINDSLOW AVENUE) STA. 1406+00.00 TO STA. 1411+00.00

17



S-665 (OLD POST ROAD)
STA. 1232+25.00 TO STA. 1250+04.85

18



S-39 (GREEN RIVER ROAD) STA. 300+19.50 TO STA. 302+10.00
S-234 (CANNONS CAMPGROUND ROAD) STA. 400+11.00 TO STA. 402+50.00
MALONE ROAD STA. 400+50.00 TO STA. 403+99.43
ZELURE ROAD STA. 100+00.00 TO STA. 101+08.81

FRONTAGE & SIDE ROADS

NOTES:

* SEE DESIGN FOR EXACT SHOULDER
OR CURB AND GUTTER LOCATIONS.

FUNCTIONAL CLASSIFICATION: COLLECTORS/LOCAL ROADS

	①	HOT MIX ASPHALT SURFACE COURSE
	②	HOT MIX ASPHALT INTERMEDIATE COURSE
	③	HOT MIX ASPHALT BASE COURSE
	④	HOT MIX ASPHALT SURFACE COURSE

RTE.			DESIGN SPEED	
	MPH	FROM STA.	TO STA.	
	45			
EXCEPTIONS TO DESIGN SPEED				

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = NTS

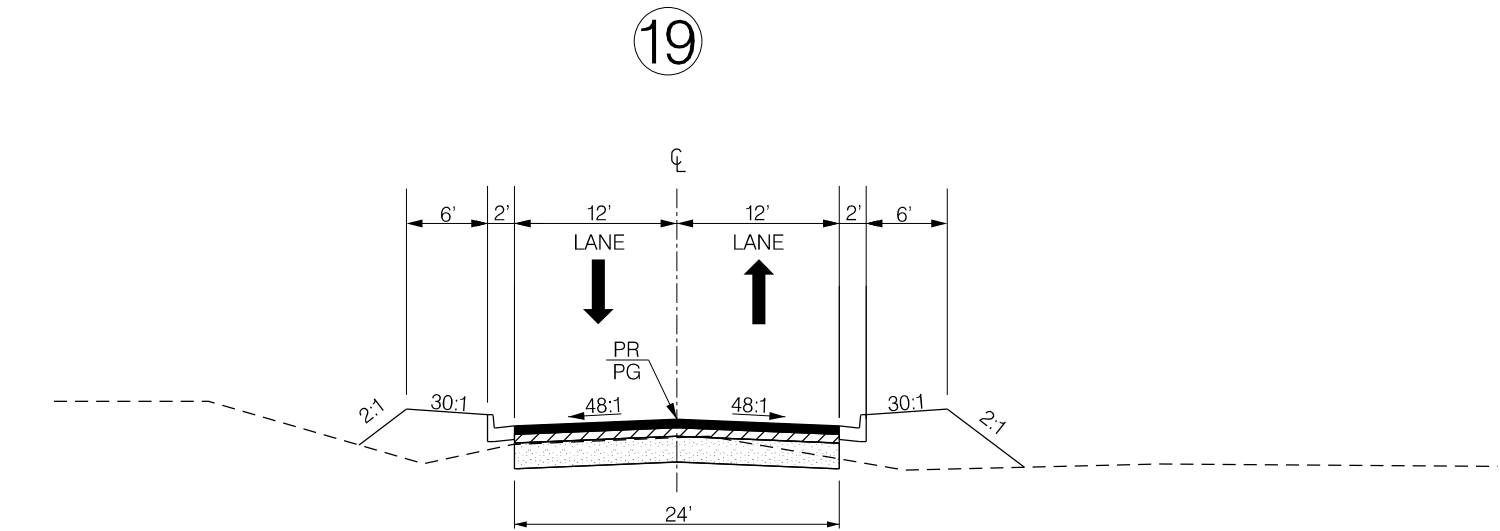
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85	
TYPICAL SECTION SHEET	
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B	

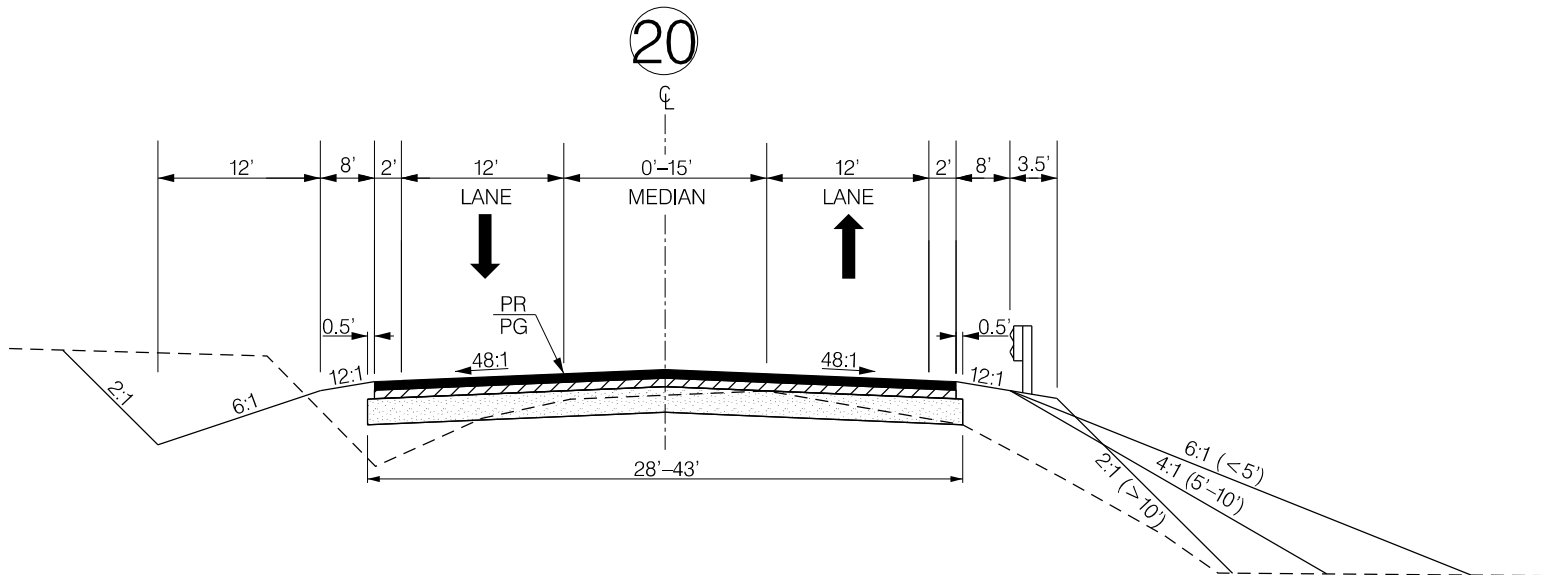
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3/24/2016

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	SPARTANBURG CHEROKEE	P027114	INTERSTATE 85	3H

TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.







S-39 / 59 (GREEN RIVER / MACEDONIA ROAD) STA. 106 + 75.00 TO STA. 109 + 50.00



S-39 / 59 (GREEN RIVER / MACEDONIA ROAD) STA. 109 + 50.00 TO STA. 147 + 20.00

CROSSOVER ROAD

FUNCTIONAL CLASSIFICATION: COLLECTORSLOCAL ROADS

	①	HOT MIX ASPHALT SURFACE COURSE
	②	HOT MIX ASPHALT INTERMEDIATE COURSE
	③	HOT MIX ASPHALT BASE COURSE
	④	HOT MIX ASPHALT SURFACE COURSE

RTE. DESIGN SPEED		
MPH	FROM STA.	TO STA.
30-55		
EXCEPTIONS TO DESIGN SPEED		

PRELIMINARY NOT FOR CONSTRUCTION	7			
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SCALE: 1" = NTS				

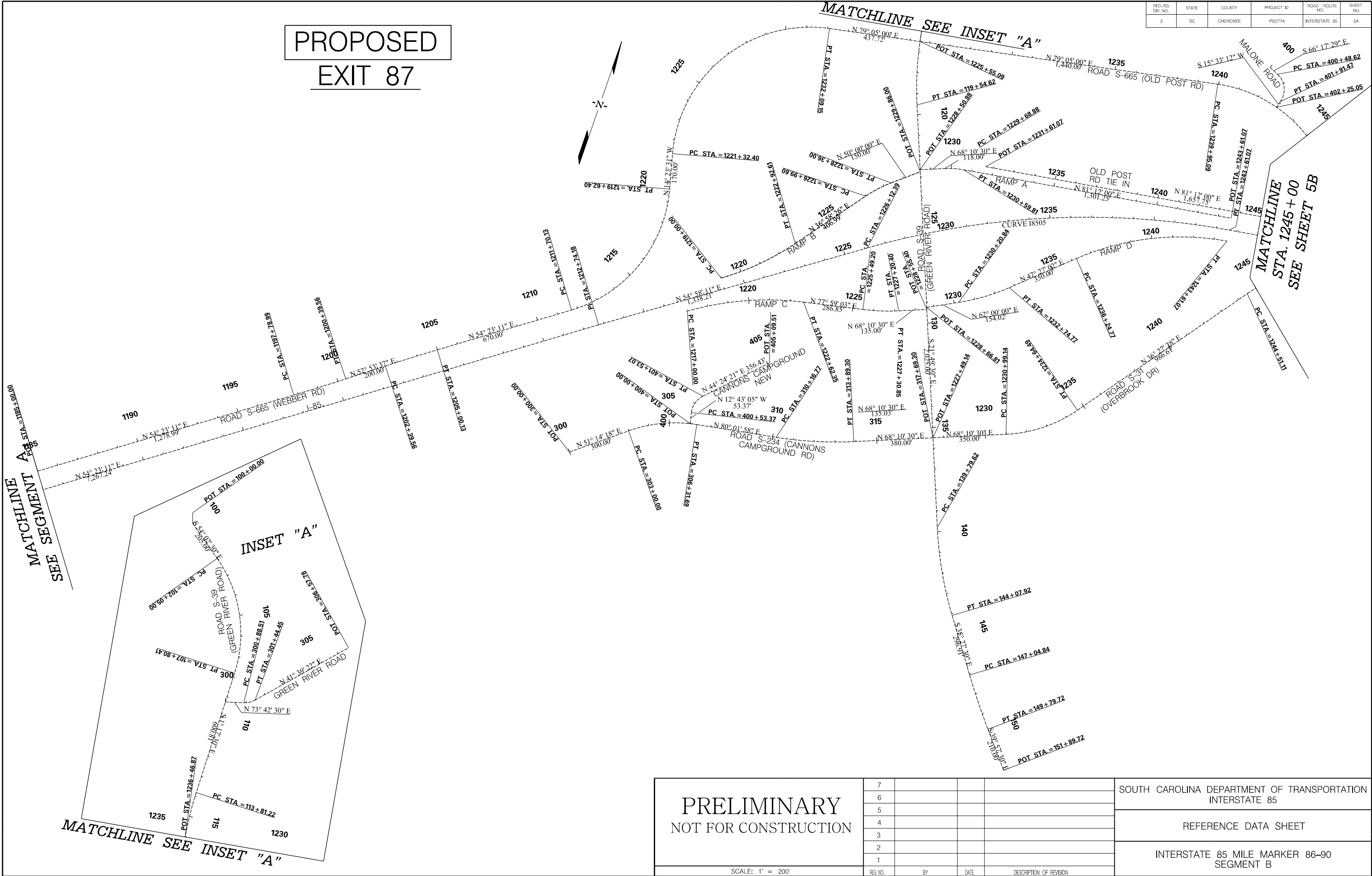
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85	TYPICAL SECTION SHEET		
	INTERSTATE 85 MILE MARKER 86-90 SEGMENT B		

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3/24/2016

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	5A

PROPOSED
EXIT 87



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 200'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

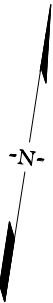
REFERENCE DATA SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

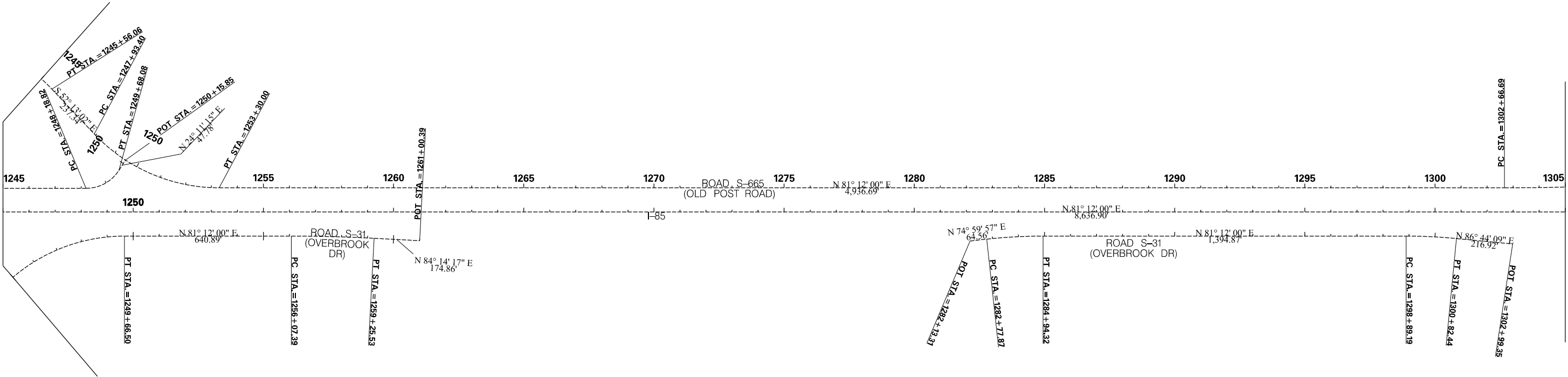
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3/24/2016

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	5B

PROPOSED



MATCHLINE STA. 1245 + 00
SEE SHEET 5A



MATCHLINE STA. 1305 + 00
SEE SHEET 5C

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 200'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
REFERENCE DATA SHEET
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B

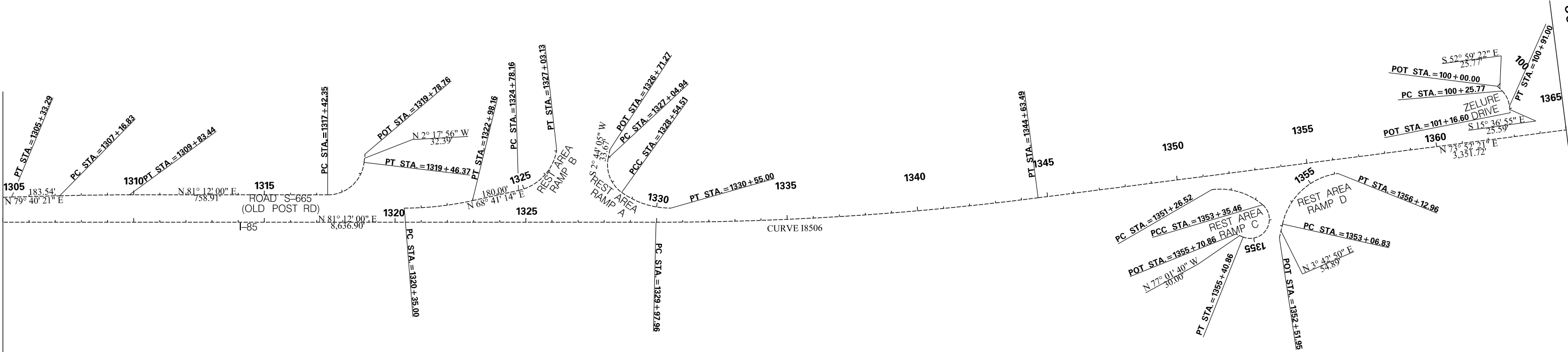
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3/24/2016

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	5C

PROPOSED

-N-

MATCHLINE STA. 1305 + 00
SEE SHEET 5B



MATCHLINE STA. 1365 + 00
SEE SHEET 5D

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 200'

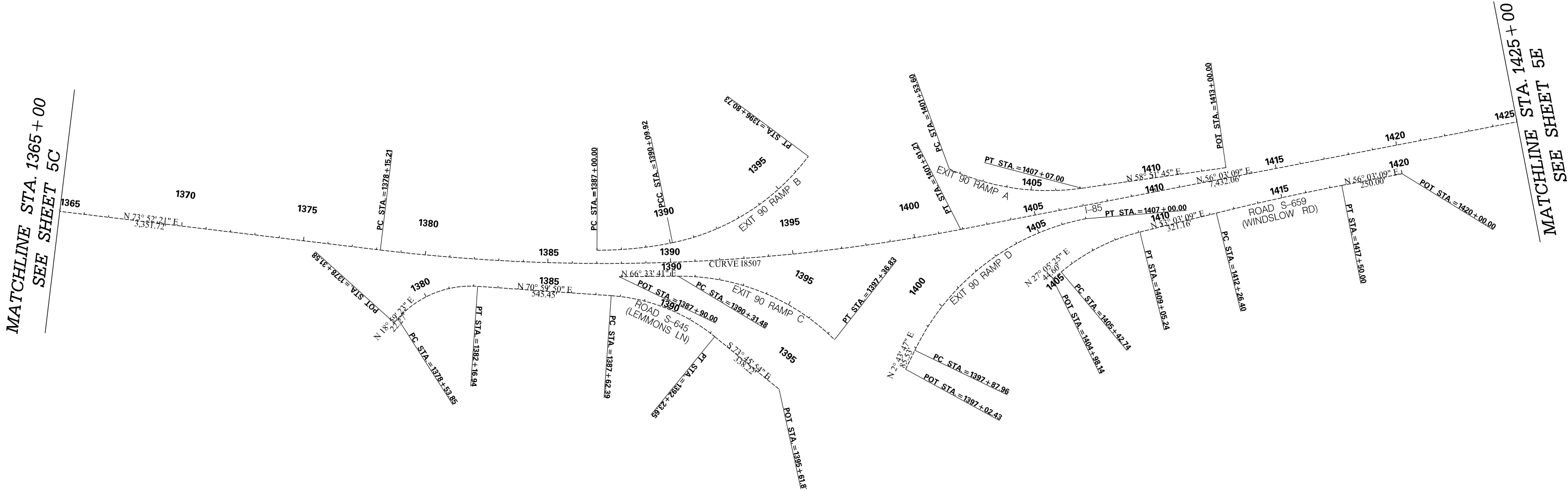
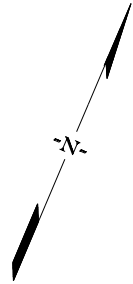
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85	REFERENCE DATA SHEET
	INTERSTATE 85 MILE MARKER 86-90 SEGMENT B

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3/24/2016

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	5D

PROPOSED
EXIT 90



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 200'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85	REFERENCE DATA SHEET
	INTERSTATE 85 MILE MARKER 86-90 SEGMENT B

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3/24/2016

MATCHLINE STA. 1425 + 00
SEE SHEET 5D

1425

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1485

N 56° 03' 09" E
7,432.06'

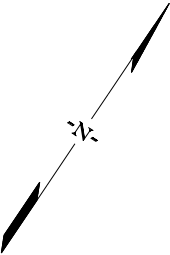
I-85

PC STA = 1476 + 23.27

CURVE 18508

MATCHLINE STA. 1485 + 00
SEE SEGMENT C

PROPOSED



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 200'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

REFERENCE DATA SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

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3/24/2016

PROPOSED DATA

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	5F

Beginning chain I85 description
=====

Course from PT I8502 to PC I8503 N 64° 03' 17.08" E Dist 15,028.5080

Curve Data

Curve I8503
P.I. Station = 1135+24.68 N 1,173,704.2937 E 1,764,737.6043
Delta = 9° 40' 05.67" (LT)
Degree = 1° 00' 00.00"
Tangent = 484.5624
Length = 966.8241
Radius = 5,729.5780
External = 20.4537
Long Chord = 965.6775
Mid. Ord. = 20.3810
P.C. Station = 1130+40.12 N 1,173,492.2918 E 1,764,301.8798
P.T. Station = 1140+06.94 N 1,173,986.4615 E 1,765,131.5359
C.C. = N 1,178,644.3998 E 1,761,795.1196
Back = N 64° 03' 17.08" E
Ahead = N 54° 23' 11.41" E
Chord Bear = N 59° 13' 14.24" E
DS = 65 MPH
e (max) = 8%
e = 3.20%
PC-LG% = 0.50%
PT-LG% = 0.50%

Course from PT I8503 to I8504 N 54° 23' 11.41" E Dist 7,267.2418

Point I8504 N 1,178,218.2818 E 1,771,039.5390 Sta 1212+74.18

Course from I8504 to PC I8505 N 54° 58' 11.41" E Dist 1,338.2053

Curve Data

Curve I8505
P.I. Station = 1235+02.33 N 1,179,497.2518 E 1,772,864.0524
Delta = 26° 13' 48.55" (RT)
Degree = 1° 30' 00.00"
Tangent = 889.9360
Length = 1,748.6769
Radius = 3,819.7186
External = 102.3008
Long Chord = 1,733.4463
Mid. Ord. = 99.6324
P.C. Station = 1222+12.39 N 1,178,986.4218 E 1,772,135.3283
P.T. Station = 1243+61.07 N 1,179,633.3996 E 1,773,743.5123
C.C. = N 1,175,858.6454 E 1,774,327.8759
Back = N 54° 58' 11.41" E
Ahead = N 81° 11' 59.96" E
Chord Bear = N 68° 05' 05.68" E
DS = 65 MPH
e (max) = 8%
e = 4.60%
PC-LG% = 0.50%
PT-LG% = 0.50%

Course from PT I8505 to PC I8506 N 81° 11' 59.96" E Dist 8,636.8984

Curve Data

Curve I8506
P.I. Station = 1337+31.73 N 1,181,066.9797 E 1,783,003.8642
Delta = 7° 19' 39.40" (LT)
Degree = 0° 30' 00.00"
Tangent = 733.7616
Length = 1,465.5224
Radius = 11,459.1559
External = 23.4684
Long Chord = 1,464.5238
Mid. Ord. = 23.4204
P.C. Station = 1329+97.96 N 1,180,954.7244 E 1,782,278.7402
P.T. Station = 1344+63.49 N 1,181,270.8024 E 1,783,708.7488
C.C. = N 1,192,278.9871 E 1,780,525.6494
Back = N 81° 11' 59.96" E
Ahead = N 73° 52' 20.56" E
Chord Bear = N 77° 32' 10.26" E
DS = 65 MPH
e (max) = 8%
e = 2.08%
PC-LG% = 0.50%
PT-LG% = 0.50%

Course from PT I8506 to PC I8507 N 73° 52' 20.56" E Dist 3,351.7235

Curve Data

Curve I8507
P.I. Station = 1390+12.88 N 1,182,534.5233 E 1,788,079.1036
Delta = 17° 49' 12.06" (LT)
Degree = 0° 45' 00.00"
Tangent = 1,197.6711
Length = 2,376.0021
Radius = 7,639.4373
External = 93.3124
Long Chord = 2,368.4372
Mid. Ord. = 92.1864
P.C. Station = 1378+15.21 N 1,182,201.8368 E 1,786,928.5664
P.T. Station = 1401+91.21 N 1,183,203.3448 E 1,789,072.6295
C.C. = N 1,189,540.6267 E 1,784,806.5001
Back = N 73° 52' 20.56" E
Ahead = N 56° 03' 08.50" E
Chord Bear = N 64° 57' 44.53" E
DS = 65 MPH
e (max) = 8%
e = 2.60%
PC-LG% = 0.50%
PT-LG% = 0.50%

Course from PT I8507 to PC I8508 N 56° 03' 08.50" E Dist 7,432.0620

Curve Data

Curve I8508
P.I. Station = 1496+68.67 N 1,188,495.8880 E 1,796,934.6363
Delta = 39° 17' 31.07" (RT)
Degree = 1° 00' 00.00"
Tangent = 2,045.3936
Length = 3,929.1963
Radius = 5,729.5780
External = 354.1461
Long Chord = 3,852.6540
Mid. Ord. = 333.5305
P.C. Station = 1476+23.27 N 1,187,353.6686 E 1,795,237.8836
P.T. Station = 1515+52.47 N 1,188,305.3783 E 1,798,971.1385
C.C. = N 1,182,600.7072 E 1,798,437.4807
Back = N 56° 03' 08.50" E
Ahead = S 84° 39' 20.43" E
Chord Bear = N 75° 41' 54.03" E
DS = 65 MPH
e (max) = 8%
e = 3.30%
PC-LG% = 0.50%
PT-LG% = 0.50%

Beginning chain S39 description
=====

Point 3901 N 1,181,482.8184 E 1,771,584.7737 Sta 100+00.00

Course from 3901 to PC 3902 S 54° 02' 30.00" E Dist 205.0000

Curve Data

Curve 3902
P.I. Station = 105+14.91 N 1,181,180.4632 E 1,772,001.5670
Delta = 52° 45' 00.00" (RT)
Degree = 9° 10' 02.37"
Tangent = 309.9129
Length = 575.4132
Radius = 625.0000
External = 72.6181
Long Chord = 555.3054
Mid. Ord. = 65.0589
P.C. Station = 102+05.00 N 1,181,362.4431 E 1,771,750.7098
P.T. Station = 107+80.41 N 1,180,870.6291 E 1,772,008.5530
C.C. = N 1,180,856.5404 E 1,771,383.7118
Back = S 54° 02' 30.00" E
Ahead = S 1° 17' 30.00" E
Chord Bear = S 27° 40' 00.00" E
DS = NA
e (max) = 8%
e = MATCH EXISTING

Course from PT 3902 to PC 3903 S 1° 17' 30.00" E Dist 600.8086

Curve Data

Curve 3903
P.I. Station = 116+71.03 N 1,179,980.2390 E 1,772,028.6292
Delta = 20° 32' 00.00" (LT)
Degree = 3° 34' 51.55"
Tangent = 289.8078
Length = 573.3988
Radius = 1,600.0000
External = 26.0346
Long Chord = 570.3353
Mid. Ord. = 25.6178
P.C. Station = 113+01.22 N 1,180,269.9732 E 1,772,022.0964
P.T. Station = 119+54.62 N 1,179,711.2036 E 1,772,136.3719
C.C. = N 1,180,306.0402 E 1,773,621.6898
Back = S 1° 17' 30.00" E
Ahead = S 21° 49' 30.00" E
Chord Bear = S 11° 33' 30.00" E
DS = 50 MPH
e (max) = 8%
e = 5.90%
PC-LG% = 0.50%
PT-LG% = 0.50%

Course from PT 3903 to PC 3904 S 21° 49' 30.00" E Dist 2,025.0000

Curve Data

Curve 3904
P.I. Station = 141+94.79 N 1,177,631.6025 E 1,772,969.2058
Delta = 13° 38' 00.00" (LT)
Degree = 3° 10' 59.16"
Tangent = 215.1681
Length = 428.3038
Radius = 1,800.0000
External = 12.8147
Long Chord = 427.2941
Mid. Ord. = 12.7242
P.C. Station = 139+79.62 N 1,177,831.3481 E 1,772,889.2121
P.T. Station = 144+07.92 N 1,177,456.3400 E 1,773,094.0271
C.C. = N 1,178,500.5393 E 1,774,560.1948
Back = S 21° 49' 30.00" E
Ahead = S 35° 27' 30.00" E
Chord Bear = S 28° 38' 30.00" E
DS = 50 MPH
e (max) = 8%
e = 5.50%
PC-LG% = 0.50%
PT-LG% = 0.50%

Course from PT 3904 to PC 3905 S 35° 27' 30.00" E Dist 296.9107

Curve Data

Curve 3905
P.I. Station = 148+42.35 N 1,177,102.4836 E 1,773,346.0423
Delta = 4° 30' 00.00" (LT)
Degree = 1° 38' 13.28"
Tangent = 137.5154
Length = 274.8894
Radius = 3,500.0000
External = 2.7005
Long Chord = 274.8187
Mid. Ord. = 2.6894
P.C. Station = 147+04.84 N 1,177,214.4951 E 1,773,266.2681
P.T. Station = 149+79.72 N 1,176,997.0765 E 1,773,434.3588
C.C. = N 1,179,244.8827 E 1,776,117.1498
Back = S 35° 27' 30.00" E
Ahead = S 39° 57' 30.00" E
Chord Bear = S 37° 42' 30.00" E
DS = 50 MPH
e (max) = 8%
e = 3.20%
PC-LG% = 0.50%
PT-LG% = 0.50%

Course from PT 3905 to 3906 S 39° 57' 30.00" E Dist 210.0000

Point 3906 N 1,176,836.1090 E 1,773,569.2272 Sta 151+89.72

Ending chain S39 description
=====

Beginning chain 87RPA description
=====

Point RPA8701 N 1,179,423.0711 E 1,772,251.7625 Sta 1228+50.88

Course from RPA8701 to PC RPA8702 N 68° 10' 30.00" E Dist 118.0003

Curve Data

Curve RPA8702
P.I. Station = 1230+14.55 N 1,179,483.9166 E 1,772,403.6947
Delta = 13° 01' 29.96" (RT)
Degree = 14° 19' 26.20"
Tangent = 45.6626
Length = 90.9316
Radius = 400.0000
External = 2.5979
Long Chord = 90.7359
Mid. Ord. = 2.5811
P.C. Station = 1229+68.88 N 1,179,466.9405 E 1,772,361.3051
P.T. Station = 1230+59.81 N 1,179,490.9023 E 1,772,448.8198
C.C. = N 1,179,095.6110 E 1,772,510.0142
Back = N 68° 10' 30.00" E
Ahead = N 81° 11' 59.96" E
Chord Bear = N 74° 41' 14.98" E
DS = 25 MPH
e (max) = 8%
e = NC - STOP CONDITION
PC-LG% = 0.70%
PT-LG% = 0.70%

Course from PT RPA8702 to RPA8703 N 81° 11' 59.96" E Dist 1,301.2520

Point RPA8703 N 1,179,689.9757 E 1,773,734.7539 Sta 1243+61.07

Ending chain 87RPA description
=====

Beginning chain 87RPB description
=====

Point RPB8701 N 1,178,621.7226 E 1,771,520.9917 Sta 1219+00.00

Curve Data

Curve RPB8702
P.I. Station = 1220+97.93 N 1,178,735.3382 E 1,771,683.0699
Delta = 17° 59' 45.02" (LT)
Degree = 4° 35' 01.18"
Tangent = 197.9340
Length = 392.6083
Radius = 1,250.0000
External = 15.5741
Long Chord = 390.9965
Mid. Ord. = 15.3825
P.C. Station = 1219+00.00 N 1,178,621.7226 E 1,771,520.9917
P.T. Station = 1222+92.61 N 1,178,893.4694 E 1,771,802.1178
C.C. = N 1,179,645.2851 E 1,770,803.4822
Back = N 54° 58' 11.41" E
Ahead = N 36° 58' 26.39" E
Chord Bear = N 45° 58' 18.90" E
DS = 45 MPH
e (max) = 8%
e = 6.10%
PC-LG% = 0.54%
PT-LG% = 0.54%

Course from PT RPB8702 to PC RPB8703 N 36° 58' 26.39" E Dist 406.9867

Curve Data

Curve RPB8703
P.I. Station = 1227+68.09 N 1,179,273.3392 E 1,772,088.1001
Delta = 13° 01' 33.61" (RT)
Degree = 9° 32' 57.47"
Tangent = 68.4993
Length = 136.4080
Radius = 600.0000
External = 3.8975
Long Chord = 136.1144
Mid. Ord. = 3.8723
P.C. Station = 1226+99.60 N 1,179,218.6146 E 1,772,046.9010
P.T. Station = 1228+36.00 N 1,179,317.3697 E 1,772,140.5736
C.C. = N 1,178,857.7431 E 1,772,526.2462
Back = N 36° 58' 26.39" E
Ahead = N 50° 00' 00.00" E
Chord Bear = N 43° 29' 13.20" E
DS = 25 MPH
e (max) = 8%
e = 4.80%
PC-LG% = 0.70%
PT-LG% = 0.70%

Course from PT RPB8703 to RPB8704 N 50° 00' 00.00" E Dist 150.0000

Point RPB8704 N 1,179,413.7879 E 1,772,255.4803 Sta 1229+86.00

Ending chain 87RPB description
=====

Beginning chain 87RPC description
=====

Point RPC8701 N 1,178,418.4853 E 1,771,419.2145 Sta 1217+00.00

Curve Data

Curve RPC8702
P.I. Station = 1219+85.02 N 1,178,582.0865 E 1,771,652.5996
Delta = 23° 00' 51.63" (RT)
Degree = 4° 05' 33.20"
Tangent = 285.0157
Length = 562.3464
Radius = 1,400.0000
External = 28.7176
Long Chord = 558.5736
Mid. Ord. = 28.1404
P.C. Station = 1217+00.00 N 1,178,418.4853 E 1,771,419.2145
P.T. Station = 1222+62.35 N 1,178,641.4215 E 1,771,931.3706
C.C. = N 1,177,272.0953 E 1,772,222.8251
Back = N 54° 58' 11.41" E
Ahead = N 77° 59' 03.04" E
Chord Bear = N 66° 28' 37.22" E
DS = 45 MPH
e (max) = 8%
e = 5.60%
PC-LG% = 0.54%
PT-LG% = 0.54%

Course from PT RPC8702 to PC RPC8703 N 77° 59' 03.04" E Dist 286.8498

Curve Data

Curve RPC8703
P.I. Station = 1226+35.01 N 1,178,719.0027 E 1,772,295.8664
Delta = 9° 48' 33.04" (LT)
Degree = 5° 43' 46.48"
Tangent = 85.8109
Length = 171.2024
Radius = 1,000.0000
External = 3.6750
Long Chord = 170.9934
Mid. Ord. = 3.6615
P.C. Station = 1225+48.20 N 1,178,701.1384 E 1,772,211.9356
P.T. Station = 1227+20.40 N 1,178,750.9049 E 1,772,376.5267
C.C. = N 1,179,679.2286 E 1,772,003.7538
Back = N 77° 59' 03.04" E
Ahead = N 68° 10' 30.00" E
Chord Bear = N 73° 04' 46.52" E
DS = 25 MPH
e (max) = 8%
e = 3.30%
PC-LG% = 0.70%
PT-LG% = 0.70%

Course from PT RPC8703 to RPC8704 N 68° 10' 30.00" E Dist 135.0000

Point RPC8704 N 1,178,801.0942 E 1,772,500.8504 Sta 1228+55.40

Ending chain 87RPC description
=====

Beginning chain 87RPD description
=====

Point RPD8701 N 1,178,810.3775 E 1,772,497.1327 Sta 1228+66.81

Course from RPD8701 to PC RPD8702 N 62° 00' 00.00" E Dist 154.0243

Curve Data

Curve RPD8702
P.I. Station = 1231+48.49 N 1,178,942.6173 E 1,772,745.8396
Delta = 14° 32' 57.67" (LT)
Degree = 5° 43' 46.48"
Tangent = 127.6538
Length = 253.9341
Radius = 1,000.0000
External = 8.1148
Long Chord = 253.2524
Mid. Ord. = 8.0495
P.C. Station = 1230+20.84 N 1,178,882.6875 E 1,772,633.1281
P.T. Station = 1232+74.77 N 1,179,028.9400 E 1,772,839.8615
C.C. = N 1,179,765.6351 E 1,772,163.6565
Back = N 62° 00' 00.00" E
Ahead = N 47° 27' 02.33" E
Chord Bear = N 54° 43' 31.16" E
DS = 25 MPH
e (max) = 8%
e = 3.30%
PC-LG% = 0.70%
PT-LG% = 0.70%

Course from PT RPD8702 to PC RPD8703 N 47° 27' 02.33" E Dist 350.0000

Curve Data

Curve RPD8703
P.I. Station = 1240+03.95 N 1,179,522.0267 E 1,773,377.0616
Delta = 33° 44' 57.63" (RT)
Degree = 4° 35' 01.18"
Tangent = 379.1755
Length = 736.2964
Radius = 1,250.0000
External = 56.2443
Long Chord = 725.6980
Mid. Ord. = 53.8225
P.C. Station = 1238+24.77 N 1,179,265.6187 E 1,773,097.7248
P.T. Station = 1243+61.07 N 1,179,580.0353 E 1,773,751.7736
C.C. = N 1,178,344.7498 E 1,773,943.0061
Back = N 47° 27' 02.33" E
Ahead = N 81° 11' 59.96" E
Chord Bear = N 64° 19' 31.14" E
DS = 45 MPH
e (max) = 8%
e = 6.10%
PC-LG% = 0.54%
PT-LG% = 0.54%

Point RPD8704 N 1,179,580.0353 E 1,773,751.7736 Sta 1243+61.07

Ending chain 87RPD description
=====

PRELIMINARY NOT FOR CONSTRUCTION	7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
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	5				
	4				REFERENCE DATA SHEET
	3				
SCALE: 1" = NTS	2				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
	1				
	REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

PROPOSED DATA

Beginning chain 87FRA description - S-11-665 (WEBBER ROAD)

Point FRA8721 N 1,180,003.0331 E 1,772,050.6435 Sta 1225+55.09
Course from FRA8721 to PC FRA8722 N 79° 05' 00.00" E Dist 1,440.0000

Curve Data

Curve FRA8722
P.I. Station 1242+93.78 N 1,180,332.3083 E 1,773,757.8708
Delta = 48° 41' 58.02" (RT)
Degree = 8° 40' 52.24"
Tangent = 298.6913
Length = 560.9774
Radius = 660.0000
External = 64.4422
Long Chord = 544.2428
Mid. Ord. = 58.7098
P.C. Station 1239+95.09 N 1,180,275.7418 E 1,773,464.5848
P.T. Station 1245+56.06 N 1,180,149.3092 E 1,773,993.9382
C.C. Station N 1,179,627.6854 E 1,773,589.5763
Back = N 79° 05' 00.00" E
Ahead = S 52° 13' 01.98" E
Chord Bear = S 76° 34' 00.99" E
DS = 45 MPH
e (max) = 6%
e = 6.00%
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRA8722 to PC FRA8723 S 52° 13' 01.98" E Dist 237.3404

Curve Data

Curve FRA8723
P.I. Station 1250+77.53 N 1,179,829.8241 E 1,774,406.0715
Delta = 46° 34' 58.06" (LT)
Degree = 8° 40' 52.24"
Tangent = 284.1234
Length = 536.5953
Radius = 660.0000
External = 58.5584
Long Chord = 521.9380
Mid. Ord. = 53.7862
P.C. Station 1247+93.40 N 1,180,003.8979 E 1,774,181.5176
P.T. Station 1253+30.00 N 1,179,873.2911 E 1,774,686.8504
C.C. Station N 1,180,525.5218 E 1,774,585.8796
Back = S 52° 13' 01.98" E
Ahead = N 81° 11' 59.96" E
Chord Bear = S 75° 30' 31.01" E
DS = 45 MPH
e (max) = 6%
e = 6.00%
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRA8723 to PC FRA8704 N 81° 11' 59.96" E Dist 4,936.6904

Curve Data

Curve FRA8704
P.I. Station 1304+00.00 N 1,180,648.9302 E 1,779,697.1681
Delta = 1° 31' 39.09" (LT)
Degree = 0° 34' 22.65"
Tangent = 133.3096
Length = 266.6035
Radius = 10,000.0000
External = 0.8885
Long Chord = 266.5956
Mid. Ord. = 0.8885
P.C. Station 1302+66.69 N 1,180,628.5357 E 1,779,565.4277
P.T. Station 1305+33.29 N 1,180,672.8293 E 1,779,828.3180
C.C. Station N 1,190,510.8192 E 1,778,035.5675
Back = N 81° 11' 59.96" E
Ahead = N 79° 40' 20.87" E
Chord Bear = N 80° 26' 10.41" E
DS = 45 MPH
e (max) = 6%
e = NC
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRA8704 to PC FRA8705 N 79° 40' 20.87" E Dist 183.5407

Curve Data

Curve FRA8705
P.I. Station 1308+50.14 N 1,180,729.6327 E 1,780,140.0350
Delta = 1° 31' 39.09" (RT)
Degree = 0° 34' 22.65"
Tangent = 133.3096
Length = 266.6035
Radius = 10,000.0000
External = 0.8885
Long Chord = 266.5956
Mid. Ord. = 0.8885
P.C. Station 1307+16.83 N 1,180,705.7336 E 1,780,008.8851
P.T. Station 1309+83.44 N 1,180,750.0272 E 1,780,271.7754
C.C. Station N 1,170,867.7437 E 1,781,801.6357
Back = N 79° 40' 20.87" E
Ahead = N 81° 11' 59.96" E
Chord Bear = N 80° 26' 10.41" E
DS = 45 MPH
e (max) = 6%
e = NC
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRA8705 to PC FRA8706 N 81° 11' 59.96" E Dist 758.9081

Curve Data

Curve FRA8706
P.I. Station 1318+67.30 N 1,180,885.2455 E 1,781,145.2313
Delta = 83° 29' 55.88" (LT)
Degree = 40° 55' 32.00"
Tangent = 124.9523
Length = 204.0262
Radius = 140.0000 (TIE TO EXISTING)
External = 47.6515
Long Chord = 186.4448
Mid. Ord. = 35.5510
P.C. Station 1317+42.35 N 1,180,866.1295 E 1,781,021.7499
P.T. Station 1319+46.37 N 1,181,010.0972 E 1,781,140.2192
C.C. Station N 1,181,004.4815 E 1,781,000.3319
Back = N 81° 11' 59.96" E
Ahead = N 2° 17' 55.92" W
Chord Bear = N 39° 27' 02.02" E
DS = NA
e (max) = 6%
e = 6.00%

Course from PT FRA8706 to FRA8707 N 2° 17' 55.92" W Dist 32.3901

Point FRA8707 N 1,181,042.4612 E 1,781,138.9200 Sta 1319+78.76

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Ending chain 87FRA description

Beginning chain 87FRB description

Point FRB8701 N 1,176,678.2363 E 1,768,730.2184 Sta 1185+00.00
Course from FRB8701 to PC FRB8702 N 54° 23' 11.41" E Dist 1,278.9896

Curve Data

Curve FRB8702
P.I. Station 1199+09.28 N 1,177,498.8813 E 1,769,875.9128
Delta = 1° 29' 34.61" (LT)
Degree = 0° 34' 22.65"
Tangent = 130.2917
Length = 260.5686
Radius = 10,000.0000
External = 0.8488
Long Chord = 260.5613
Mid. Ord. = 0.8487
P.C. Station 1197+78.99 N 1,177,423.0105 E 1,769,769.9904
P.T. Station 1200+39.56 N 1,177,577.4860 E 1,769,979.8225
C.C. Station N 1,185,552.6465 E 1,763,946.8453
Back = N 54° 23' 11.41" E
Ahead = N 52° 33' 36.79" E
Chord Bear = N 53° 38' 24.10" E
DS = 45 MPH
e (max) = 6%
e = NC
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRB8702 to PC FRB8703 N 52° 53' 36.79" E Dist 200.0000

Curve Data

Curve FRB8703
P.I. Station 1203+69.85 N 1,177,776.7502 E 1,770,243.2354
Delta = 1° 29' 34.61" (RT)
Degree = 0° 34' 22.65"
Tangent = 130.2917
Length = 260.5686
Radius = 10,000.0000
External = 0.8488
Long Chord = 260.5613
Mid. Ord. = 0.8487
P.C. Station 1202+39.56 N 1,177,698.1455 E 1,770,139.3257
P.T. Station 1205+00.13 N 1,177,852.6209 E 1,770,349.1578
C.C. Station N 1,169,722.9849 E 1,776,172.3029
Back = N 52° 53' 36.79" E
Ahead = N 54° 23' 11.41" E
Chord Bear = N 53° 38' 24.10" E
DS = 45 MPH
e (max) = 6%
e = NC
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRB8703 to PC FRB8724 N 54° 23' 11.41" E Dist 670.0000

Curve Data

Curve FRB8724
P.I. Station 1216+21.86 N 1,178,505.8195 E 1,771,261.0820
Delta = 68° 42' 02.02" (LT)
Degree = 8° 40' 52.24"
Tangent = 451.7282
Length = 792.2696
Radius = 660.0000
External = 139.7864
Long Chord = 745.5505
Mid. Ord. = 115.3546
P.C. Station 1211+70.13 N 1,178,242.7716 E 1,770,893.8434
P.T. Station 1219+62.40 N 1,178,943.3718 E 1,771,148.8041
C.C. Station N 1,178,779.3276 E 1,770,509.5159
Back = N 54° 23' 11.41" E
Ahead = N 14° 23' 30.61" W
Chord Bear = N 19° 59' 50.40" E
e (max) = 6%
e = 6.00%
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRB8724 to PC FRB8725 N 14° 23' 30.61" W Dist 170.0000

Curve Data

Curve FRB8725
P.I. Station 1228+33.69 N 1,179,787.3254 E 1,770,932.2418
Delta = 93° 28' 30.61" (RT)
Degree = 8° 40' 52.24"
Tangent = 701.2961
Length = 1,076.7566
Radius = 660.0000
External = 303.0249
Long Chord = 961.2537
Mid. Ord. = 207.6751
P.C. Station 1221+32.40 N 1,179,108.0370 E 1,771,106.5503
P.T. Station 1232+09.15 N 1,179,920.1377 E 1,771,620.8471
C.C. Station N 1,179,272.0812 E 1,771,745.8386
Back = N 14° 23' 30.61" W
Ahead = N 79° 05' 00.00" E
Chord Bear = N 32° 20' 44.70" E
e (max) = 6%
e = 6.00%
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRB8725 to FRB8716 N 79° 05' 00.00" E Dist 437.7175

Point FRB8716 N 1,180,003.0331 E 1,772,050.6435 Sta 1236+46.87

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Ending chain 87FRB description

Beginning chain 87FRC description - S-11-234 (CANNONS CAMPGROUND ROAD)

Point FRC8701 N 1,177,597.1764 E 1,771,106.9046 Sta 300+00.00
Course from FRC8701 to PC FRC8702 N 51° 14' 18.35" E Dist 300.0000

Curve Data

Curve FRC8702
P.I. Station 304+69.43 N 1,177,891.0746 E 1,771,472.9427
Delta = 28° 47' 40.09" (RT)
Degree = 8° 40' 52.24"
Tangent = 169.4252
Length = 331.6885
Radius = 660.0000
External = 21.3992
Long Chord = 328.2089
Mid. Ord. = 20.7272
P.C. Station 303+00.00 N 1,177,785.0007 E 1,771,340.8320
P.T. Station 306+31.69 N 1,177,920.3992 E 1,771,639.8109
C.C. Station N 1,177,270.3604 E 1,771,754.0455
Back = N 51° 14' 18.35" E
Ahead = N 80° 01' 58.44" E
Chord Bear = N 65° 38' 08.39" E
DS = 45 MPH
e (max) = 6%
e = 6.00%
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRC8702 to PC FRC8703 N 80° 01' 58.44" E Dist 385.0864

Curve Data

Curve FRC8703
P.I. Station 312+03.71 N 1,178,019.4055 E 1,772,203.1951
Delta = 11° 51' 28.44" (LT)
Degree = 3° 10' 59.16"
Tangent = 186.9312
Length = 372.5269
Radius = 1,800.0000
External = 9.6804
Long Chord = 371.8624
Mid. Ord. = 9.6286
P.C. Station 310+16.77 N 1,177,987.0510 E 1,772,019.0853
P.T. Station 313+89.30 N 1,178,088.9014 E 1,772,376.7277
C.C. Station N 1,179,759.8841 E 1,771,707.5365
Back = N 80° 01' 58.44" E
Ahead = N 68° 10' 30.00" E
Chord Bear = N 74° 06' 14.22" E
DS = 45 MPH
e (max) = 6%
e = 4.10%
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRC8703 to FRC8704 N 68° 10' 30.00" E Dist 380.0000

Point FRC8704 N 1,178,230.1752 E 1,772,729.4907 Sta 317+69.30

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Ending chain 87FRC description

Beginning chain GREENRIVER description

Point GRR01 N 1,180,726.0791 E 1,772,011.8123 Sta 300+00.00
Course from GRR01 to PC GRR02 N 73° 42' 30.00" E Dist 88.5076

Curve Data

Curve GRR02
P.I. Station 301+17.23 N 1,180,758.9657 E 1,772,124.3364
Delta = 32° 03' 07.87" (LT)
Degree = 57° 17' 44.81"
Tangent = 28.7238
Length = 55.9416
Radius = 100.0000
External = 4.0435
Long Chord = 55.2150
Mid. Ord. = 3.8864
P.C. Station 300+88.51 N 1,180,750.9079 E 1,772,096.7659
P.T. Station 301+44.45 N 1,180,780.4266 E 1,772,143.4279
C.C. Station N 1,180,846.8925 E 1,772,068.7132
Back = N 73° 42' 30.00" E
Ahead = N 41° 39' 22.13" E
Chord Bear = N 57° 40' 56.06" E
DS = NA
e (max) = 6%
e = MATCH EXISTING

Course from PT GRR02 to GRR03 N 41° 39' 22.13" E Dist 513.3313

Point GRR03 N 1,181,163.9607 E 1,772,484.6181 Sta 306+57.78

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Ending chain GREENRIVER description

Beginning chain 87FRD description - S-11-31 (OVERBROOK ROAD)

Point FRD8701 N 1,178,230.1752 E 1,772,729.4907 Sta 1227+49.14
Course from FRD8701 to PC FRD8702 N 68° 10' 30.00" E Dist 350.0000

Curve Data

Curve FRD8702
P.I. Station 1232+86.63 N 1,178,429.9996 E 1,773,228.4559
Delta = 31° 43' 01.95" (LT)
Degree = 8° 40' 52.24"
Tangent = 187.4905
Length = 365.3560
Radius = 660.0000
External = 26.1142
Long Chord = 360.7089
Mid. Ord. = 25.1203
P.C. Station 1230+99.14 N 1,178,360.2957 E 1,773,054.4040
P.T. Station 1234+64.49 N 1,178,580.7972 E 1,773,339.8685
C.C. Station N 1,178,972.9893 E 1,772,809.0339
Back = N 68° 10' 30.00" E
Ahead = N 36° 27' 28.05" E
Chord Bear = N 52° 18' 59.02" E
DS = 45 MPH
e (max) = 6%
e = 6.00%
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRD8702 to PC FRD8704 N 36° 27' 28.05" E Dist 986.6138

Curve Data

Curve FRD8704
P.I. Station 1247+22.75 N 1,179,592.8067 E 1,774,087.5630
Delta = 44° 44' 31.91" (RT)
Degree = 8° 40' 52.24"
Tangent = 271.6430
Length = 515.3931
Radius = 660.0000
External = 53.7156
Long Chord = 502.3972
Mid. Ord. = 49.6728
P.C. Station 1244+51.11 N 1,179,374.3257 E 1,773,926.1444
P.T. Station 1249+66.50 N 1,179,834.3643 E 1,774,356.0083
C.C. Station N 1,178,982.1336 E 1,774,456.9790
Back = N 36° 27' 28.05" E
Ahead = N 81° 11' 59.96" E
Chord Bear = N 58° 49' 44.00" E
DS = 45 MPH
e (max) = 6%
e = 6.00%
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRD8704 to PC FRD8705 N 81° 11' 59.96" E Dist 640.8916

Curve Data

Curve FRD8705
P.I. Station 1257+66.50 N 1,179,756.7531 E 1,775,146.5910
Delta = 3° 02' 16.93" (RT)
Degree = 0° 57' 17.75"
Tangent = 159.1084
Length = 318.1423
Radius = 6,000.0000
External = 2.1093
Long Chord = 318.1050
Mid. Ord. = 2.1085
P.C. Station 1256+07.39 N 1,179,732.4117 E 1,774,989.3555
P.T. Station 1259+25.53 N 1,179,772.7270 E 1,775,304.8955
C.C. Station N 1,173,803.0416 E 1,775,907.2717
Back = N 81° 11' 59.96" E
Ahead = N 84° 14' 16.89" E
Chord Bear = N 82° 43' 08.42" E
DS = 45 MPH
e (max) = 6%
e = 2.08%
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT FRD8705 to FRD8706 N 84° 14' 16.89" E Dist 174.8609

Point FRD8706 N 1,179,790.2823 E 1,775,478.8730 Sta 1261+00.39

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Ending chain 87FRD description

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P02714	INTERSTATE 85	5G

Beginning chain CANNONS description

Point FRC8711 N 1,177,914.1675 E 1,771,608.7443 Sta 400+00.00
Course from FRC8711 to PC FRC8712 N 12° 43' 05.00" W Dist 53.3721

Curve Data

Curve FRC8712
P.I. Station 401+07.81 N 1,178,019.3303 E 1,771,585.0100
Delta = 57° 07' 26.27" (RT)
Degree = 57° 17' 44.81"
Tangent = 54.4357
Length = 99.7001
Radius = 100.0000 (STOP CONDITION)
External = 13.8563
Long Chord = 95.6218
Mid. Ord. = 12.1700
P.C. Station 400+53.37 N 1,177,966.2301 E 1,771,596.9942
P.T. Station 401+53.07 N 1,178,058.2192 E 1,771,623.1007
C.C. Station N 1,177,988.2455 E 1,771,694.5408
Back = N 12° 43' 05.00" W
Ahead = N 44° 24' 21.27" E
Chord Bear = N 15° 50' 38.13" E
DS = NA
e (max) = 6%
e = MATCH EXISTING

Course from PT FRC8712 to FRC8713 N 44° 24' 21.27" E Dist 356.4332

Point FRC8713 N 1,178,312.8553 E 1,771,872.5102 Sta 405+09.51

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Ending chain CANNONS description

Beginning chain OLDPOST description

Point FRA8711 N 1,179,539.4981 E 1,772,543.7548 Sta 1231+61.07
Course from FRA8711 to PC FRA8712 N 81° 11' 59.96" E Dist 1,657.7529

Curve Data

Curve FRA8712
P.I. Station 1249+00.28 N 1,179,805.5741 E 1,774,262.4988
Delta = 57° 00' 44.96" (LT)
Degree = 38° 11' 49.87"
Tangent = 81.4645
Length = 149.2583
Radius = 150.0000 (STOP CONDITION)
External = 20.6941
Long Chord = 143.1764
Mid. Ord. = 18.1852
P.C. Station 1248+18.82 N 1,179,793.1111 E 1,774,181.9933
P.T. Station 1249+68.08 N 1,179,879.8868 E 1,774,295.8768
C.C. Station N 1,179,941.3454 E 1,774,159.0454
Back = N 81° 11' 59.96" E
Ahead = N 24° 11' 15.00" E
Chord Bear = N 52° 41' 37.48" E
DS = NA
e (max) = 6%
e = MATCH EXISTING

Course from PT FRA8712 to FRA8713 N 24° 11' 15.00" E Dist 47.7755

Point FRA8713 N 1,179,923.4681 E 1,774,315.4516 Sta 1250+15.85

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Ending chain OLDPOST description

Beginning chain MALONE description

Point M100 N 1,180,433.7890 E 1,773,674.8994 Sta 400+00.00
Course from M100 to PC M101 S 66° 17' 29.28" E Dist 48.6239

Curve Data

Curve M101
P.I. Station 401+35.32 N 1,180,379.3809 E 1,773,798.7944
Delta = 81° 50' 41.48" (RT)
Degree = 57° 17' 44.81"
Tangent = 86.6913
Length = 142.8462
Radius = 100.0000 (STOP CONDITION)
External = 32.3457
Long Chord = 131.0073
Mid. Ord. = 24.4403
P.C. Station 400+48.62 N 1,180,414.2381 E 1,773,719.4196
P.T. Station 401+91.47 N 1,180,295.8642 E 1,773,775.5493
C.C. Station N 1,180,322.6778 E 1,773,679.2112
Back = S 66° 17' 29.28" E
Ahead = S 15° 33' 12.19" W
Chord Bear = S 25° 22' 08.55" E
DS = NA
e (max) = 6%
e = MATCH EXISTING

Course from PT M101 to M102 S 15° 33' 12.19" W Dist 33.5769

Point M102 N 1,180,263.5169 E 1,773,766.5461 Sta 402+25.05

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Ending chain MALONE description

PRELIMINARY
NOT FOR CONSTRUCTION

X:\3286900\41416.0\XXXXX (SCDOT Number)\roadway\sheet\SHT_B_05H.dgn 3/24/2016

PROPOSED DATA

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	5H

Beginning chain S659 description - S-11-659 (WINDSLOW ROAD)

Point 65901 N 1,183,163.9023 E 1,789,497.1935 Sta 1404+98.14
Course from 65901 to PC 65902 N 27° 05' 25.00" E Dist 44.6000

Curve Data
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Curve 65902
P.I. Station 1407+27.16 N 1,183,367.7927 E 1,789,601.4859
Delta = 25° 57' 43.50" (RT)
Degree = 7° 09' 43.10"
Tangent = 184.4158
Length = 362.4891
Radius = 800.0000
External = 20.9806
Long Chord = 359.4058
Mid. Ord. = 20.4444
P.C. Station 1405+42.74 N 1,183,203.6092 E 1,789,517.5041
P.T. Station 1409+05.24 N 1,183,478.6423 E 1,789,748.8682
C.C. N 1,182,839.2941 E 1,790,229.7362
Back = N 27° 05' 25.00" E
Ahead = N 53° 03' 08.50" E
Chord Bear = N 40° 04' 16.75" E
DS = 45 MPH
e (max) = 6%
e = 5.90%
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT 65902 to PC 65903 N 53° 03' 08.50" E Dist 321.1593

Curve Data
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Curve 65903
P.I. Station 1414+88.26 N 1,183,829.0859 E 1,790,214.8080
Delta = 3° 00' 00.00" (RT)
Degree = 0° 34' 22.65"
Tangent = 261.8592
Length = 523.5390
Radius = 10,000.0000
External = 3.4279
Long Chord = 523.5390
Mid. Ord. = 3.4268
P.C. Station 1412+26.40 N 1,183,671.6863 E 1,790,005.5340
P.T. Station 1417+50.00 N 1,183,975.3172 E 1,790,432.0328
C.C. N 1,175,679.8347 E 1,796,016.3831
Back = N 53° 03' 08.50" E
Ahead = N 56° 03' 08.50" E
Chord Bear = N 54° 33' 08.50" E
DS = 45 MPH
e (max) = 6%
e = NC
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT 65903 to 65904 N 56° 03' 08.50" E Dist 250.0000
Point 65904 N 1,184,114.9260 E 1,790,639.4199 Sta 1420+00.00
Ending chain S659 description

Beginning chain ZELURE description

Point Z100 N 1,181,961.7782 E 1,785,379.8261 Sta 100+00.00
Course from Z100 to PC Z101 S 52° 59' 21.82" E Dist 25.7731

Curve Data
-----*
Curve Z101
P.I. Station 100+59.60 N 1,181,925.9035 E 1,785,427.4151
Delta = 37° 22' 27.30" (RT)
Degree = 57° 17' 44.81"
Tangent = 33.8231
Length = 65.2304
Radius = 100.0000 (STOP CONDITION)
External = 5.6652
Long Chord = 64.0800
Mid. Ord. = 5.2718
P.C. Station 100+25.77 N 1,181,946.2638 E 1,785,400.4065
P.T. Station 100+91.00 N 1,181,893.3288 E 1,785,436.5194
C.C. N 1,181,866.4114 E 1,785,340.2102
Back = S 52° 59' 21.82" E
Ahead = S 15° 36' 54.52" E
Chord Bear = S 34° 18' 08.17" E
DS = NA
e (max) = 6%
e = TIE TO EXISTING

Course from PT Z101 to Z102 S 15° 36' 54.52" E Dist 25.5947

Point Z102 N 1,181,868.6787 E 1,785,443.4088 Sta 101+16.60
Ending chain ZELURE description

Beginlnng chain RARPA description - REST AREA RAMP A

Point RA100 N 1,181,203.1613 E 1,782,062.0788 Sta 1326+71.27
Course from RA100 to PC RA101 S 2° 44' 05.00" W Dist 33.6723

Curve Data
-----*
Curve RA101
P.I. Station 1327+89.24 N 1,181,085.3249 E 1,782,056.4502
Delta = 65° 55' 21.96" (LT)
Degree = 44° 04' 25.24"
Tangent = 84.2985
Length = 149.5740
Radius = 130.0000 (MATCH EXISTING)
External = 24.9394
Long Chord = 141.4591
Mid. Ord. = 20.9251
P.C. Station 1327+04.94 N 1,181,169.5273 E 1,782,060.4722
P.T. Station 1328+54.51 N 1,181,047.3009 E 1,782,131.6658
C.C. N 1,181,163.3248 E 1,782,190.3241
Back = S 2° 44' 05.00" W
Ahead = S 63° 11' 16.96" E
Chord Bear = S 30° 13' 35.98" E
DS = 20 MPH
e (max) = 8%
e = 8.00%
PC-LG% = -0.74%
PT-LG% = -0.74%

Curve Data
-----*
Curve RA102
P.I. Station 1329+58.17 N 1,181,000.5450 E 1,782,224.1987
Delta = 35° 54' 17.75" (LT)
Degree = 17° 54' 17.75"
Tangent = 103.6568
Length = 200.4875
Radius = 320.0000
External = 16.3699
Long Chord = 197.2244
Mid. Ord. = 15.5733
P.C. Station 1328+54.51 N 1,181,047.3009 E 1,782,131.6858
P.T. Station 1330+55.00 N 1,181,016.9127 E 1,782,326.5551
C.C. N 1,181,332.8962 E 1,782,276.0263
Back = S 63° 11' 16.96" E
Ahead = N 80° 54' 53.33" E
Chord Bear = S 81° 08' 11.81" E
DS = 30 MPH
e (max) = 8%
e = 8.00%
PC-LG% = -0.66%
PT-LG% = -0.66%

Point RA103 N 1,181,016.9127 E 1,782,326.5551 Sta 1330+55.00
Ending chain RARPA description

Beginlnng chain RARPB description - REST AREA RAMP B

Point RA200 N 1,180,860.7685 E 1,781,318.8497 Sta 1320+35.00

Curve Data
-----*
Curve RA201
P.I. Station 1321+67.11 N 1,180,880.9788 E 1,781,449.4000
Delta = 12° 30' 46.15" (LT)
Degree = 4° 45' 17.41"
Tangent = 132.1054
Length = 263.1599
Radius = 1,205.0000
External = 7.2198
Long Chord = 262.6372
Mid. Ord. = 7.1768
P.C. Station 1320+35.00 N 1,180,860.7685 E 1,781,318.8497
P.T. Station 1322+98.16 N 1,180,928.9938 E 1,781,572.4707
C.C. N 1,182,051.5837 E 1,781,134.5015
Back = N 81° 11' 59.96" E
Ahead = N 68° 41' 13.81" E
Chord Bear = N 74° 56' 36.88" E
DS = 45 MPH
e (max) = 8%
e = 6.20%
PC-LG% = -0.50%
PT-LG% = -0.50%

Course from PT RA201 to PC RA202 N 68° 41' 13.81" E Dist 180.0000

Curve Data
-----*
Curve RA202
P.I. Station 1326+05.93 N 1,181,040.8574 E 1,781,859.1962
Delta = 67° 50' 28.81" (LT)
Degree = 30° 09' 20.42"
Tangent = 127.7742
Length = 224.9704
Radius = 190.0000
External = 38.9678
Long Chord = 212.0569
Mid. Ord. = 32.3359
P.C. Station 1324+78.16 N 1,180,994.4166 E 1,781,740.1604
P.T. Station 1327+03.13 N 1,181,168.6177 E 1,781,861.0824
C.C. N 1,181,171.4225 E 1,781,671.1031
Back = N 68° 41' 13.81" E
Ahead = N 0° 50' 45.00" E
Chord Bear = N 34° 45' 59.40" E
DS = NA
e (max) = 6%
e = TIE TO EXISTING

Point RA203 N 1,181,168.6177 E 1,781,861.0824 Sta 1327+03.13
Ending chain RARPB description

Beginning chain RARPC description - REST AREA RAMP C

Curve Data
-----*
Curve RA301
P.I. Station 1352+37.53 N 1,181,433.9388 E 1,784,467.3274
Delta = 47° 53' 13.45" (RT)
Degree = 22° 55' 05.92"
Tangent = 111.0121
Length = 208.9468
Radius = 250.0000 (MATCH EXISTING)
External = 23.5392
Long Chord = 202.9181
Mid. Ord. = 21.5135
P.C. Station 1351+26.52 N 1,181,403.1021 E 1,784,360.6841
P.T. Station 1353+35.46 N 1,181,375.5072 E 1,784,561.7171
C.C. N 1,181,162.9408 E 1,784,430.1286
Back = N 73° 52' 20.56" E
Ahead = S 58° 14' 25.99" E
Chord Bear = S 82° 11' 02.71" E
DS = 30 MPH
e (max) = 8%
e = 8.00%
PC-LG% = -0.66%
PT-LG% = -0.66%

Curve Data
-----*
Curve RA302
P.I. Station 1357+76.73 N 1,181,143.2468 E 1,784,936.9074
Delta = 161° 12' 45.99" (RT)
Degree = 78° 29' 14.53"
Tangent = 441.2625
Length = 205.3996
Radius = 73.0000 (MATCH EXISTING)
External = 374.2601
Long Chord = 144.0422
Mid. Ord. = 61.0852
P.C. Station 1353+35.46 N 1,181,375.5072 E 1,784,561.7171
P.T. Station 1355+40.86 N 1,181,242.3008 E 1,784,506.9063
C.C. N 1,181,313.4378 E 1,784,523.2933
Back = S 58° 14' 25.99" E
Ahead = N 77° 01' 40.00" W
Chord Bear = S 22° 21' 57.01" W
DS = 15 MPH
e (max) = 8%
e = 8.00%
PC-LG% = -0.78%
PT-LG% = -0.78%

Course from PT RA302 to RA303 N 77° 01' 40.00" W Dist 30.0000

Point RA303 N 1,181,249.0352 E 1,784,477.6720 Sta 1355+70.86

Beginning chain RARPD description - REST AREA RAMP D

Point RA400 N 1,181,259.4834 E 1,784,644.3972 Sta 1352+51.95
Course from RA400 to PC RA401 N 3° 42' 50.00" E Dist 54.8893

Curve Data
-----*
Curve RA401
P.I. Station 1354+82.40 N 1,181,489.4564 E 1,784,659.3249
Delta = 70° 09' 30.56" (RT)
Degree = 22° 55' 05.92"
Tangent = 175.5677
Length = 306.1242
Radius = 250.0000 (MATCH EXISTING)
External = 55.4898
Long Chord = 287.3544
Mid. Ord. = 45.4105
P.C. Station 1353+06.83 N 1,181,314.2574 E 1,784,647.9526
P.T. Station 1356+12.96 N 1,181,538.2252 E 1,784,827.9832
C.C. N 1,181,298.0638 E 1,784,897.4276
Back = N 3° 42' 50.00" E
Ahead = N 73° 52' 20.56" E
Chord Bear = N 38° 47' 35.28" E
DS = 30 MPH
e (max) = 8%
e = 8.00%
PC-LG% = -0.66%
PT-LG% = -0.66%

Beginning chain RARPD description

Beginning chain 90RPA description

Curve Data
-----*
Curve RPA903
P.I. Station 1404+38.14 N 1,183,403.6007 E 1,789,217.8554
Delta = 32° 51' 26.74" (LT)
Degree = 5° 56' 14.59"
Tangent = 284.5405
Length = 553.3988
Radius = 965.0000
External = 41.0757
Long Chord = 545.8468
Mid. Ord. = 39.3987
P.C. Station 1401+53.60 N 1,183,412.1409 E 1,788,933.4431
P.T. Station 1407+07.00 N 1,183,550.7348 E 1,789,461.4019
C.C. N 1,184,376.7062 E 1,788,962.4065
Back = S 88° 16' 48.26" E
Ahead = N 58° 51' 45.00" E
Chord Bear = N 75° 17' 28.37" E
DS = 45 MPH
e (max) = 8%
e = 7.00%
PC-LG% = -0.54%
PT-LG% = -0.54%

Course from PT RPA903 to RPA904 N 58° 51' 45.00" E Dist 593.0000

Point RPA904 N 1,183,857.3714 E 1,789,968.9677 Sta 1413+00.00
Ending chain 90RPA description

Beginning chain 90RPB description

Curve Data
-----*
Curve RPB902
P.I. Station 1388+55.51 N 1,182,606.1949 E 1,787,884.9248
Delta = 11° 50' 16.77" (LT)
Degree = 3° 49' 10.99"
Tangent = 155.5126
Length = 309.9179
Radius = 1,500.0000
External = 8.0398
Long Chord = 309.3669
Mid. Ord. = 7.9970
P.C. Station 1387+00.00 N 1,182,546.0226 E 1,787,741.5251
P.T. Station 1390+09.92 N 1,182,694.5051 E 1,788,012.9304
C.C. N 1,183,929.1869 E 1,787,161.1318
Back = N 67° 14' 11.25" E
Ahead = N 55° 23' 54.48" E
Chord Bear = N 61° 19' 02.86" E
DS = 45 MPH
e (max) = 8%
e = 5.40%
PC-LG% = -0.54%
PT-LG% = -0.54%

Curve Data
-----*
Curve RPB903
P.I. Station 1393+61.02 N 1,182,893.8830 E 1,788,301.9286
Delta = 41° 46' 36.48" (LT)
Degree = 6° 13' 40.09"
Tangent = 351.1004
Length = 670.8113
Radius = 920.0000
External = 64.7190
Long Chord = 656.0499
Mid. Ord. = 60.4655
P.C. Station 1390+09.92 N 1,182,694.5051 E 1,788,012.9304
P.T. Station 1396+80.73 N 1,183,235.1077 E 1,788,384.6162
C.C. N 1,183,451.7766 E 1,787,490.4939
Back = N 55° 23' 54.48" E
Ahead = N 13° 37' 18.00" E
Chord Bear = N 34° 30' 36.24" E
DS = 45 MPH
e (max) = 3%
e = 7.20%
PC-LG% = -0.54%
PT-LG% = -0.54%

Ending chain 90RPB description

Beginning chain 90RPC description

Point RPC901 N 1,182,481.9960 E 1,787,866.6814 Sta 1387+90.00
Course from RPC901 to PC RPC902 N 66° 33' 41.25" E Dist 241.4759

Curve Data
-----*
Curve RPC902
P.I. Station 1394+03.62 N 1,182,726.0718 E 1,788,429.6682
Delta = 45° 09' 18.75" (RT)
Degree = 6° 24' 06.35"
Tangent = 372.1422
Length = 705.3558
Radius = 895.0000
External = 74.2857
Long Chord = 687.2426
Mid. Ord. = 68.5925
P.C. Station 1390+31.48 N 1,182,578.0467 E 1,788,088.2325
P.T. Station 1397+36.83 N 1,182,588.3729 E 1,788,775.3975
C.C. N 1,181,756.8956 E 1,788,444.2323
Back = N 66° 33' 41.25" E
Ahead = S 68° 17' 00.00" E
Chord Bear = N 89° 08' 20.63" E
DS = 45 MPH
e (max) = 8%
e = MATCH EXISTING

Ending chain 90RPC description

Beginning chain 90RPD description

Point RPD901 N 1,182,590.9554 E 1,789,089.1534 Sta 1397+02.43
Course from RPD901 to PC RPD902 N 2° 43' 47.04" E Dist 85.5304

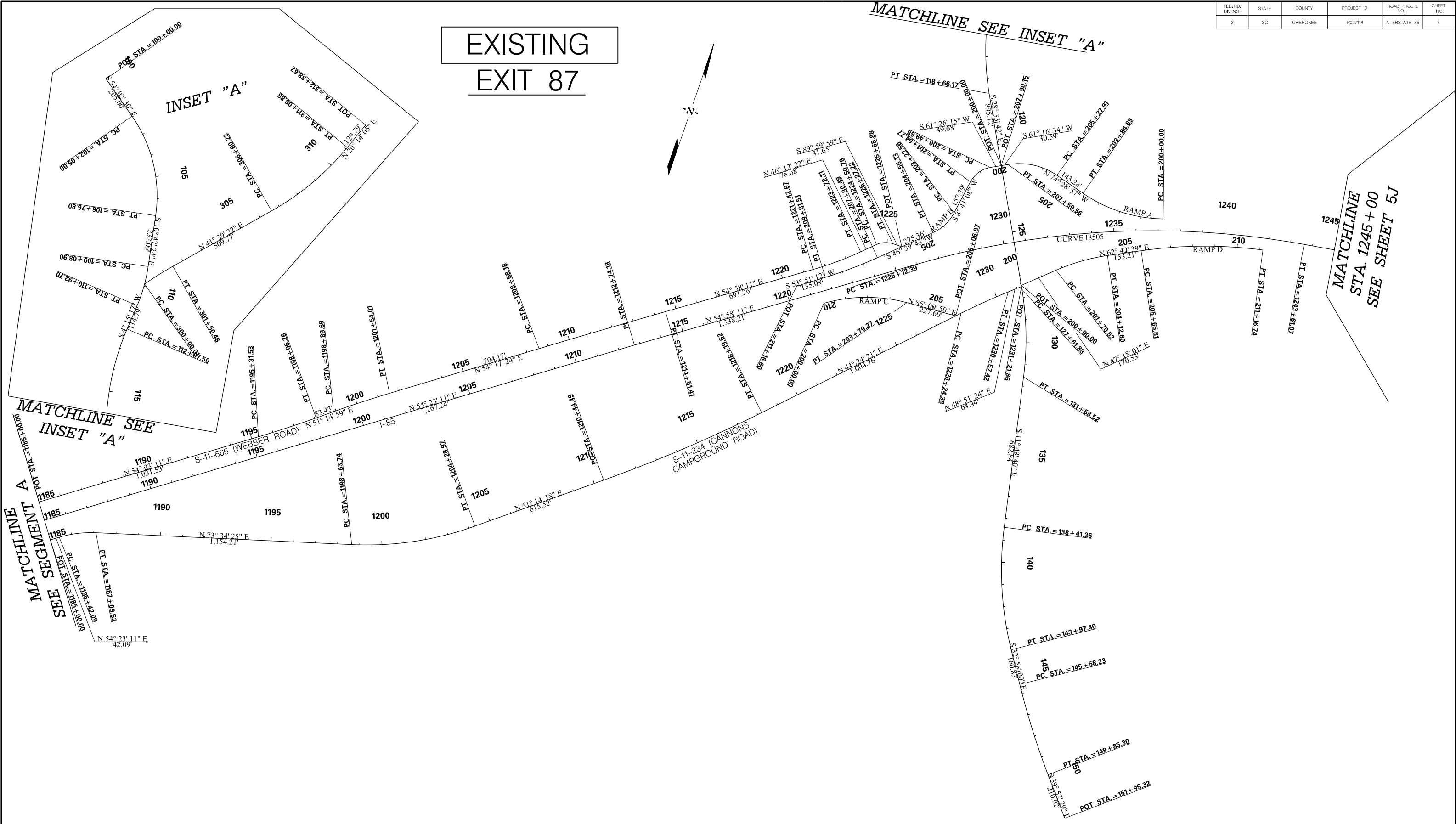
Curve Data
-----*
Curve RPD902
P.I. Station 1402+80.02 N 1,183,167.8903 E 1,789,116.6611
Delta = 53° 19' 21.46" (RT)
Degree = 5° 50' 47.43"
Tangent = 492.0598
Length = 912.0423
Radius = 980.0000
External = 116.5960
Long Chord = 879.4827
Mid. Ord. = 104.1989
P.C. Station 1397+87.96 N 1,182,676.3887 E 1,789,093.2268
P.T. Station 1407+00.00 N 1,183,442.6737 E 1,789,524.8485
C.C. N 1,182,629.7164 E 1,790,072.1148
Back = N 2° 43' 47.04" E
Ahead = N 56° 03' 08.50" E
Chord Bear = N 29° 23' 27.77" E
DS = 45 MPH
e (max) = 8%
e = 6.90%
PC-LG% = -0.50%
PT-LG% = -0.50%

Point RPD903 N 1,183,442.6737 E 1,789,524.8485 Sta 1407+00.00
Ending chain 90RPD description

PRELIMINARY NOT FOR CONSTRUCTION	7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
	6				
	5				REFERENCE DATA SHEET
	4				
	3				
	2				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
	1				
SCALE: 1" = NTS	REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

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3/24/2016

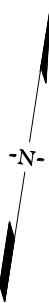
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3	SC	CHEROKEE	P027114	INTERSTATE 85	5I



PRELIMINARY NOT FOR CONSTRUCTION		7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
		6				
		5				REFERENCE DATA SHEET
		4				
		3				
		2				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
		1				
SCALE: 1" = 200'		REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	5J

EXISTING



MATCHLINE STA. 1245 + 00
SEE SHEET 5I

1245125012551260126512701275128012851290129513001305

I-85

N. 81° 12' 00" E.
8,636.90'

MATCHLINE STA. 1305 + 00
SEE SHEET 5K

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 200'

7			
6			
5			
4			
3			
2			
1			
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

REFERENCE DATA SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

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3/24/2016

MATCHLINE STA. 1305 + 00
SEE SHEET 5J

1305

1310

1315

1320

1325

1330

1335

1340

1345

1350

1355

1360

1365

N 81° 12' 00" E
8,636.90'

I-85

CURVE 18506

PT STA = 1329 + 97.96

PT STA = 1344 + 63.49

N 73° 52' 21" E
3,351.72'

MATCHLINE STA. 1365 + 00
SEE SHEET 5L

EXISTING

-N-

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 200'

7			
6			
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1			
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

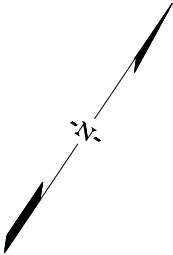
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INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

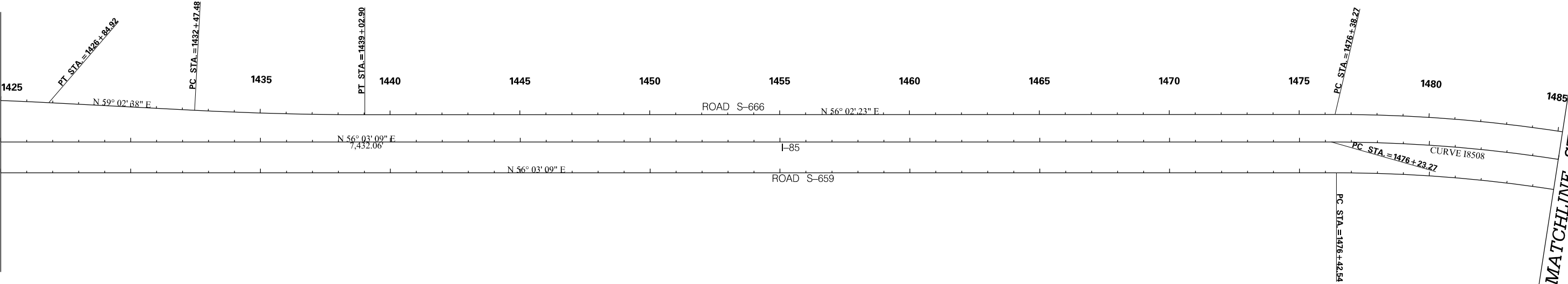
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3/24/2016

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	5M

EXISTING



MATCHLINE STA. 1425 + 00
SEE SHEET 5L



PRELIMINARY NOT FOR CONSTRUCTION	7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
	6				
	5				
	4				REFERENCE DATA SHEET
	3				
	2				
	1				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
SCALE: 1" = 200'	REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

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EXISTING DATA

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	5N

Beginning chain S39 EX description

Point 391 N 1,181,482.8184 E 1,771,584.7737 Sta 100+00.00
Course from 391 to PC 392 S 54° 02' 30.00" E Dist 205.0000

Curve Data
Curve 392
P.I. Station 104+52.78 N 1,181,216.9470 E 1,771,951.2745
Delta = 43° 15' 05.82" (RT)
Degree = 9° 10' 02.37"
Tangent = 247.7807
Length = 471.8020
Radius = 625.0000
External = 47.3245
Long Chord = 460.6792
Mid. Ord. = 43.9334
P.C. Station 102+05.00 N 1,181,362.4431 E 1,771,750.7098
P.T. Station 106+76.80 N 1,180,973.5471 E 1,771,997.6617
C.C. N 1,180,856.5404 E 1,771,383.7118
Back = S 54° 02' 30.00" E
Ahead = S 10° 47' 24.18" E
Chord Bear = S 32° 24' 57.09" E

Course from PT 392 to PC 393 S 10° 47' 24.18" E Dist 232.0944

Curve Data
Curve 393
P.I. Station 110+01.33 N 1,180,654.7548 E 1,772,058.4172
Delta = 15° 02' 41.56" (RT)
Degree = 8° 11' 06.40"
Tangent = 92.4357
Length = 183.8079
Radius = 700.0000
External = 6.0767
Long Chord = 183.2803
Mid. Ord. = 6.0244
P.C. Station 109+08.90 N 1,180,745.5562 E 1,772,041.1122
P.T. Station 110+92.70 N 1,180,562.5739 E 1,772,051.5591
C.C. N 1,180,614.5087 E 1,771,353.4884
Back = S 10° 47' 24.18" E
Ahead = S 4° 15' 17.39" W
Chord Bear = S 3° 16' 03.39" E

Course from PT 393 to PC 394 S 4° 15' 17.39" W Dist 114.7937

Curve Data
Curve 394
P.I. Station 115+46.14 N 1,180,110.3875 E 1,772,017.9176
Delta = 32° 48' 59.10" (LT)
Degree = 4° 58' 56.07"
Tangent = 338.6424
Length = 658.6677
Radius = 1,150.0000
External = 48.8239
Long Chord = 649.7014
Mid. Ord. = 46.8355
P.C. Station 112+07.50 N 1,180,448.0966 E 1,772,043.0423
P.T. Station 118+66.17 N 1,179,812.9566 E 1,772,179.8236
C.C. N 1,180,362.7752 E 1,773,189.8728
Back = S 4° 15' 17.39" W
Ahead = S 28° 33' 41.71" E
Chord Bear = S 12° 09' 12.16" E

Course from PT 394 to PC 395 S 28° 33' 41.71" E Dist 895.7169

Curve Data
Curve 395
P.I. Station 129+61.64 N 1,178,850.7967 E 1,772,703.5737
Delta = 16° 50' 01.90" (RT)
Degree = 4° 14' 38.87"
Tangent = 199.7583
Length = 396.6385
Radius = 1,350.0000
External = 14.6990
Long Chord = 395.2135
Mid. Ord. = 14.5407
P.C. Station 127+61.88 N 1,179,026.2451 E 1,772,608.0686
P.T. Station 131+58.52 N 1,178,555.2084 E 1,772,744.1767
C.C. N 1,178,380.8060 E 1,771,422.3586
Back = S 28° 33' 41.71" E
Ahead = S 11° 43' 39.81" E
Chord Bear = S 20° 08' 40.76" E

Course from PT 395 to PC 396 S 11° 43' 39.81" E Dist 682.8374

Curve Data
Curve 396
P.I. Station 141+22.61 N 1,177,711.2501 E 1,772,940.1375
Delta = 21° 14' 20.63" (LT)
Degree = 3° 49' 10.99"
Tangent = 281.2467
Length = 556.0374
Radius = 1,500.0000
External = 26.1388
Long Chord = 552.8592
Mid. Ord. = 25.6911
P.C. Station 138+41.36 N 1,177,986.6256 E 1,772,882.9710
P.T. Station 143+97.40 N 1,177,475.2880 E 1,773,093.1787
C.C. N 1,178,291.5172 E 1,774,351.6579
Back = S 11° 43' 39.81" E
Ahead = S 32° 58' 00.43" E
Chord Bear = S 22° 20' 50.12" E

Course from PT 396 to PC 397 S 32° 58' 00.43" E Dist 160.8324

Curve Data
Curve 397
P.I. Station 147+72.03 N 1,177,160.9741 E 1,773,297.0376
Delta = 6° 59' 28.75" (LT)
Degree = 1° 38' 13.28"
Tangent = 213.8031
Length = 427.0754
Radius = 3,500.0000
External = 6.5242
Long Chord = 426.8105
Mid. Ord. = 6.5120
P.C. Station 145+58.23 N 1,177,340.3519 E 1,773,180.6961
P.T. Station 149+85.30 N 1,176,997.0910 E 1,773,434.3478
C.C. N 1,179,244.8866 E 1,776,117.1475
Back = S 32° 58' 00.43" E
Ahead = S 39° 57' 29.19" E
Chord Bear = S 36° 27' 44.81" E

Course from PT 397 to 398 S 39° 57' 29.19" E Dist 210.0182

Point 398 N 1,176,836.1090 E 1,773,569.2272 Sta 151+95.32
=====

Ending chain S39 EX description

Beginning chain 87RPA EX description

Point RPA871 N 1,179,534.6161 E 1,773,106.0187 Sta 200+00.00

Curve Data
Curve RPA872
P.I. Station 201+98.13 N 1,179,472.1233 E 1,772,918.0077
Delta = 33° 54' 13.89" (RT)
Degree = 8° 48' 53.05"
Tangent = 198.1288
Length = 384.6271
Radius = 650.0000
External = 29.5256
Long Chord = 379.0400
Mid. Ord. = 28.2427
P.C. Station 200+00.00 N 1,179,534.6173 E 1,773,106.0224
P.T. Station 203+84.63 N 1,179,525.1296 E 1,772,727.1011
C.C. N 1,180,151.4360 E 1,772,900.9985
Back = S 71° 36' 49.49" W
Ahead = N 74° 28' 56.62" W
Chord Bear = S 88° 33' 56.44" W

Course from PT RPA872 to PC RPA873 N 74° 28' 56.62" W Dist 143.2783

Curve Data
Curve RPA873
P.I. Station 206+49.85 N 1,179,596.0858 E 1,772,471.5463
Delta = 44° 14' 29.79" (LT)
Degree = 19° 05' 54.94"
Tangent = 121.9443
Length = 231.6485
Radius = 300.0000
External = 23.8370
Long Chord = 225.9364
Mid. Ord. = 22.0824
P.C. Station 205+27.91 N 1,179,563.4615 E 1,772,589.0455
P.T. Station 207+59.56 N 1,179,537.4804 E 1,772,364.6079
C.C. N 1,179,274.3970 E 1,772,508.7852
Back = N 74° 28' 56.62" W
Ahead = S 61° 16' 33.59" W
Chord Bear = S 83° 23' 48.49" W

Course from PT RPA873 to RPA874 S 61° 16' 33.59" W Dist 30.5909

Point RPA874 N 1,179,522.7788 E 1,772,337.7814 Sta 207+90.15
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Ending chain 87RPA EX description

Beginning chain 87RPB EX description

Point RPB871 N 1,179,522.7788 E 1,772,337.7814 Sta 200+00.00
Course from RPB871 to PC RPB872 S 61° 26' 15.37" W Dist 49.6804

Curve Data
Curve RPB872
P.I. Station 201+11.67 N 1,179,469.3897 E 1,772,239.7057
Delta = 52° 45' 07.33" (LT)
Degree = 45° 50' 11.84"
Tangent = 61.9853
Length = 115.0871
Radius = 125.0000
External = 14.5248
Long Chord = 111.0651
Mid. Ord. = 13.0128
P.C. Station 200+49.68 N 1,179,499.0258 E 1,772,294.1473
P.T. Station 201+64.77 N 1,179,408.1152 E 1,772,230.3452
C.C. N 1,179,389.2387 E 1,772,353.9117
Back = S 61° 26' 15.37" W
Ahead = S 8° 41' 08.05" W
Chord Bear = S 35° 03' 41.71" W

Course from PT RPB872 to PC RPB873 S 8° 41' 08.05" W Dist 157.7949

Curve Data
Curve RPB873
P.I. Station 203+91.38 N 1,179,184.0995 E 1,772,196.1237
Delta = 37° 58' 35.31" (RT)
Degree = 28° 38' 52.40"
Tangent = 68.8196
Length = 132.5629
Radius = 200.0000
External = 11.5092
Long Chord = 130.1496
Mid. Ord. = 10.8829
P.C. Station 203+22.56 N 1,179,252.1298 E 1,772,206.5163
P.T. Station 204+55.13 N 1,179,136.8685 E 1,772,146.0700
C.C. N 1,179,282.3322 E 1,772,008.8099
Back = S 8° 41' 08.05" W
Ahead = S 46° 39' 43.36" W
Chord Bear = S 27° 40' 25.70" W

Course from PT RPB873 to PC RPB874 S 46° 39' 43.36" W Dist 275.3616

Curve Data
Curve RPB874
P.I. Station 208+56.16 N 1,178,861.6365 E 1,771,854.3882
Delta = 7° 11' 28.45" (RT)
Degree = 2° 51' 53.24"
Tangent = 126.6758
Length = 251.0215
Radius = 2,000.0000
External = 3.9447
Long Chord = 250.5567
Mid. Ord. = 3.9369
P.C. Station 207+30.49 N 1,178,947.8878 E 1,771,945.7945
P.T. Station 209+81.51 N 1,178,787.5060 E 1,771,752.9039
C.C. N 1,180,402.5244 E 1,770,573.1939
Back = S 46° 39' 43.36" W
Ahead = S 53° 51' 11.81" W
Chord Bear = S 50° 15' 27.58" W

Course from PT RPB874 to RPB875 S 53° 51' 11.81" W Dist 135.0879

Point RPB875 N 1,178,707.8237 E 1,771,643.8192 Sta 211+16.60

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Ending chain 87RPB EX description

Beginning chain 87RPC EX description

Point RPC871 N 1,178,674.8371 E 1,771,784.9129 Sta 200+00.00

Curve Data
Curve RPC872
P.I. Station 201+94.42 N 1,178,786.4342 E 1,771,944.1116
Delta = 31° 02' 38.53" (RT)
Degree = 8° 11' 06.40"
Tangent = 194.4169
Length = 379.2744
Radius = 700.0000
External = 26.4970
Long Chord = 374.6521
Mid. Ord. = 25.5306
P.C. Station 200+00.00 N 1,178,674.8374 E 1,771,784.9133
P.T. Station 203+79.27 N 1,178,799.9491 E 1,772,138.0582
C.C. N 1,178,101.6424 E 1,772,186.7187
Back = N 54° 58' 11.41" E
Ahead = N 86° 00' 49.93" E
Chord Bear = N 70° 29' 30.67" E

Course from PT RPC872 to RPC873 N 86° 00' 49.93" E Dist 227.5950

Point RPC873 N 1,178,815.7703 E 1,772,365.1026 Sta 206+06.87

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Ending chain 87RPC EX description

Beginning chain 87RPD EX description

Point RPD871 N 1,179,041.9865 E 1,772,599.4998 Sta 200+00.00

Course from RPD871 to PC RPD872 N 47° 18' 01.19" E Dist 170.5305

Curve Data
Curve RPD872
P.I. Station 202+92.30 N 1,179,240.2105 E 1,772,814.3155
Delta = 15° 24' 37.54" (RT)
Degree = 6° 21' 58.31"
Tangent = 121.7682
Length = 242.0664
Radius = 900.0000
External = 8.2001
Long Chord = 241.3374
Mid. Ord. = 8.1261
P.C. Station 201+70.53 N 1,179,157.6327 E 1,772,724.8258
P.T. Station 204+12.60 N 1,179,296.0391 E 1,772,922.5313
C.C. N 1,178,496.2061 E 1,773,335.1657
Back = N 47° 18' 01.19" E
Ahead = N 62° 42' 38.72" E
Chord Bear = N 55° 00' 19.96" E

Course from PT RPD872 to PC RPD873 N 62° 42' 38.72" E Dist 153.2128

Curve Data
Curve RPD873
P.I. Station 208+43.03 N 1,179,493.3847 E 1,773,305.0576
Delta = 15° 46' 58.53" (RT)
Degree = 2° 51' 53.24"
Tangent = 277.2192
Length = 550.9280
Radius = 2,000.0000
External = 19.1212
Long Chord = 549.1878
Mid. Ord. = 18.9401
P.C. Station 205+65.81 N 1,179,366.2845 E 1,773,058.6920
P.T. Station 211+16.74 N 1,179,548.6833 E 1,773,576.7055
C.C. N 1,177,588.8778 E 1,773,975.6575
Back = N 62° 42' 38.72" E
Ahead = N 78° 29' 37.26" E
Chord Bear = N 70° 36' 07.99" E

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Ending chain 87RPD EX description

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = NTS

REV. NO.

BY

DATE

DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

REFERENCE DATA SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

X:\3286900\41416.0\XXXXX (SCDOT Number)\roadway\sheets\SHT_B_050.dgn 3/24/2016

EXISTING DATA

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	50

Beginning chain 87FRB EX description
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Point FRB871 N 1,176,672.7488 E 1,768,734.1490 Sta 1185+00.00

Course from FRB871 to PC FRB872 N 54° 23' 11.41" E Dist 1,031.5315

Curve Data

Curve FRB872
P.I. Station 1196+68.43 N 1,177,353.1435 E 1,769,684.0413
Delta = 3° 08' 12.24" (LT)
Degree = 1° 08' 45.30"
Tangent = 136.9000
Length = 273.7316
Radius = 5,000.0000
External = 1.8738
Long Chord = 273.6975
Mid. Ord. = 1.8731
P.C. Station 1195+31.53 N 1,177,273.4246 E 1,769,572.7466
P.T. Station 1198+05.26 N 1,177,438.8328 E 1,769,790.8072
C.C. = N 1,181,338.2426 E 1,766,661.1741
Back = N 54° 23' 11.41" E
Ahead = N 51° 14' 59.17" E
Chord Bear = N 52° 49' 05.29" E

Course from PT FRB872 to PC FRB873 N 51° 14' 59.17" E Dist 83.4293

Curve Data

Curve FRB873
P.I. Station 1200+21.38 N 1,177,574.1064 E 1,769,959.3531
Delta = 3° 02' 24.97" (RT)
Degree = 1° 08' 45.30"
Tangent = 132.6879
Length = 265.3136
Radius = 5,000.0000
External = 1.7603
Long Chord = 265.2825
Mid. Ord. = 1.7697
P.C. Station 1198+88.69 N 1,177,491.0534 E 1,769,855.8722
P.T. Station 1201+54.01 N 1,177,651.5540 E 1,770,067.0933
C.C. = N 1,173,591.8437 E 1,772,985.5053
Back = N 51° 14' 59.17" E
Ahead = N 54° 17' 24.14" E
Chord Bear = N 52° 46' 11.65" E

Course from PT FRB873 to PC FRB874 N 54° 17' 24.14" E Dist 704.1718

Curve Data

Curve FRB874
P.I. Station 1211+54.80 N 1,178,235.6991 E 1,770,879.7191
Delta = 0° 40' 47.27" (RT)
Degree = 0° 06' 52.53"
Tangent = 296.6209
Length = 593.2348
Radius = 50,000.0000
External = 0.8798
Long Chord = 593.2313
Mid. Ord. = 0.8798
P.C. Station 1208+58.18 N 1,178,062.5667 E 1,770,638.8682
P.T. Station 1214+51.41 N 1,178,405.9617 E 1,771,122.6071
C.C. = N 1,137,463.4637 E 1,799,822.9878
Back = N 54° 17' 24.14" E
Ahead = N 54° 58' 11.41" E
Chord Bear = N 54° 37' 47.77" E

Course from PT FRB874 to PC FRB875 N 54° 58' 11.41" E Dist 691.2619

Curve Data

Curve FRB875
P.I. Station 1222+57.61 N 1,178,868.7275 E 1,771,782.7651
Delta = 8° 45' 49.00" (LT)
Degree = 3° 49' 10.99"
Tangent = 114.9396
Length = 229.4308
Radius = 1,500.0000
External = 4.3973
Long Chord = 229.2072
Mid. Ord. = 1.3844
P.C. Station 1221+42.67 N 1,178,802.7513 E 1,771,698.6468
P.T. Station 1223+72.11 N 1,178,948.2731 E 1,771,865.7326
C.C. = N 1,180,031.0262 E 1,770,827.6354
Back = N 54° 58' 11.41" E
Ahead = N 46° 12' 22.41" E
Chord Bear = N 50° 35' 16.91" E

Course from PT FRB875 to PC FRB876 N 46° 12' 22.41" E Dist 78.6838

Curve Data

Curve FRB876
P.I. Station 1224+90.98 N 1,179,030.5440 E 1,771,951.5425
Delta = 43° 47' 38.53" (RT)
Degree = 57° 17' 44.81"
Tangent = 40.1937
Length = 76.4350
Radius = 100.0000
External = 7.7754
Long Chord = 74.5879
Mid. Ord. = 7.2144
P.C. Station 1224+50.79 N 1,179,002.7274 E 1,771,922.5293
P.T. Station 1225+27.22 N 1,179,030.5439 E 1,771,991.7362
C.C. = N 1,178,930.5439 E 1,771,991.7358
Back = N 46° 12' 22.41" E
Ahead = S 89° 59' 59.06" E
Chord Bear = N 68° 06' 11.67" E

Course from PT FRB876 to FRB877 S 89° 59' 59.06" E Dist 41.6542

Point FRB877 N 1,179,030.5437 E 1,772,033.3904 Sta 1225+68.88

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Ending chain 87FRB EX description

Beginning chain 87FRC EX description
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Point FRC871 N 1,176,527.6348 E 1,768,838.0921 Sta 1185+00.00

Course from FRC871 to PC FRC872 N 54° 23' 11.41" E Dist 42.0866

Curve Data

Curve FRC872
P.I. Station 1186+26.60 N 1,176,601.3540 E 1,768,941.0108
Delta = 19° 11' 13.16" (RT)
Degree = 11° 27' 32.96"
Tangent = 84.5103
Length = 167.4381
Radius = 500.0000
External = 7.0917
Long Chord = 166.6568
Mid. Ord. = 6.9925
P.C. Station 1185+42.09 N 1,176,552.1425 E 1,768,872.3070
P.T. Station 1187+09.52 N 1,176,625.2523 E 1,769,022.0716
C.C. = N 1,176,145.6607 E 1,769,163.4643
Back = N 54° 23' 11.41" E
Ahead = N 73° 34' 24.56" E
Chord Bear = N 63° 58' 47.99" E

Course from PT FRC872 to PC FRC873 N 73° 34' 24.56" E Dist 1,154.2105

Curve Data

Curve FRC873
P.I. Station 1201+49.99 N 1,177,032.5945 E 1,770,403.7410
Delta = 22° 20' 06.21" (LT)
Degree = 3° 57' 05.16"
Tangent = 286.2539
Length = 565.2395
Radius = 1,450.0000
External = 27.9855
Long Chord = 561.6674
Mid. Ord. = 27.4566
P.C. Station 1198+63.74 N 1,176,951.6461 E 1,770,129.1710
P.T. Station 1204+26.97 N 1,177,211.8125 E 1,770,626.9497
C.C. = N 1,178,342.4618 E 1,769,719.1324
Back = N 73° 34' 24.56" E
Ahead = N 51° 14' 18.35" E
Chord Bear = N 62° 24' 21.46" E

Course from PT FRC873 to PC FRC874 N 51° 14' 18.35" E Dist 615.5177

Curve Data

Curve FRC874
P.I. Station 1214+32.51 N 1,177,840.1099 E 1,771,409.4683
Delta = 6° 49' 57.08" (LT)
Degree = 0° 52' 53.30"
Tangent = 388.0225
Length = 775.1252
Radius = 6,500.0000
External = 11.5714
Long Chord = 774.6660
Mid. Ord. = 11.5508
P.C. Station 1210+44.49 N 1,177,597.1764 E 1,771,106.9046
P.T. Station 1218+19.62 N 1,178,117.3134 E 1,771,680.9820
C.C. = N 1,182,665.6039 E 1,767,037.3785
Back = N 51° 14' 18.35" E
Ahead = N 44° 24' 21.27" E
Chord Bear = N 47° 49' 19.81" E

Course from PT FRC874 to PC FRC875 N 44° 24' 21.27" E Dist 1,004.7584

Curve Data

Curve FRC875
P.I. Station 1229+40.95 N 1,178,918.3974 E 1,772,465.6232
Delta = 4° 27' 02.69" (RT)
Degree = 1° 54' 35.49"
Tangent = 116.5789
Length = 233.0406
Radius = 3,000.0000
External = 2.2643
Long Chord = 232.9820
Mid. Ord. = 2.2625
P.C. Station 1228+24.38 N 1,178,835.1134 E 1,772,384.0487
P.T. Station 1230+57.42 N 1,178,995.1000 E 1,772,553.4149
C.C. = N 1,176,735.9024 E 1,774,527.2503
Back = N 44° 24' 21.27" E
Ahead = N 48° 51' 23.96" E
Chord Bear = N 46° 37' 52.61" E

Course from PT FRC875 to FRC876 N 48° 51' 23.96" E Dist 64.4407

Point FRC876 N 1,179,037.4984 E 1,772,601.9429 Sta 1231+21.86

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Ending chain 87FRC EX description

Beginning chain S645 EX description
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Point 6451 N 1,181,951.3464 E 1,787,096.4134 Sta 1378+24.90

Course from 6451 to PC 6452 N 18° 59' 22.78" E Dist 24.3047

Curve Data

Curve 6452
P.I. Station 1379+23.06 N 1,182,044.1724 E 1,787,128.3572
Delta = 15° 17' 52.36" (RT)
Degree = 10° 25' 02.69"
Tangent = 73.8639
Length = 146.8401
Radius = 550.0000
External = 4.9377
Long Chord = 146.4133
Mid. Ord. = 4.8938
P.C. Station 1378+49.20 N 1,181,974.3284 E 1,787,104.3221
P.T. Station 1379+96.05 N 1,182,105.2002 E 1,787,169.9681
C.C. = N 1,181,795.3597 E 1,787,624.3896
Back = N 18° 59' 22.78" E
Ahead = N 34° 17' 15.13" E
Chord Bear = N 26° 38' 18.96" E

Curve Data

Curve 6453
P.I. Station 1380+82.08 N 1,182,176.2805 E 1,787,218.4331
Delta = 32° 00' 08.79" (RT)
Degree = 19° 05' 54.94"
Tangent = 86.0305
Length = 167.5644
Radius = 300.0000
External = 12.0917
Long Chord = 165.3947
Mid. Ord. = 11.6233
P.C. Station 1379+96.05 N 1,182,105.2002 E 1,787,169.9681
P.T. Station 1381+63.61 N 1,182,210.8740 E 1,787,297.2020
C.C. = N 1,181,936.1963 E 1,787,417.8344
Back = N 34° 17' 15.13" E
Ahead = N 66° 17' 23.92" E
Chord Bear = N 50° 17' 19.53" E

Curve Data

Curve 6454
P.I. Station 1382+39.14 N 1,182,241.2428 E 1,787,366.3511
Delta = 2° 53' 03.09" (RT)
Degree = 1° 54' 35.49"
Tangent = 75.5239
Length = 151.0160
Radius = 3,000.0000
External = 0.9505
Long Chord = 151.0000
Mid. Ord. = 0.9502
P.C. Station 1381+63.61 N 1,182,210.8740 E 1,787,297.2020
P.T. Station 1383+14.63 N 1,182,268.0937 E 1,787,436.9407
C.C. = N 1,179,464.0972 E 1,788,503.5258
Back = N 66° 17' 23.92" E
Ahead = N 69° 10' 27.02" E
Chord Bear = N 67° 43' 55.47" E

Course from PT 6454 to PC 6455 N 69° 10' 27.02" E Dist 316.3358

Curve Data

Curve 6455
P.I. Station 1389+49.39 N 1,182,493.7694 E 1,788,030.2306
Delta = 37° 03' 38.78" (RT)
Degree = 6° 01' 52.08"
Tangent = 318.4259
Length = 614.4909
Radius = 950.0000
External = 51.3456
Long Chord = 603.8343
Mid. Ord. = 49.2525
P.C. Station 1386+30.97 N 1,182,380.5600 E 1,787,732.6089
P.T. Station 1392+45.46 N 1,182,404.7450 E 1,788,335.9587
C.C. = N 1,181,492.6278 E 1,788,070.3608
Back = N 69° 10' 27.02" E
Ahead = S 73° 45' 54.20" E
Chord Bear = N 87° 42' 16.41" E

Course from PT 6455 to 6456 S 73° 45' 54.20" E Dist 322.9149

Point 6456 N 1,182,314.4655 E 1,788,645.9969 Sta 1395+68.37

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Ending chain S645 EX description

Beginhng chain S659 EX description
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Point 6591 N 1,182,954.3433 E 1,789,420.7861 Sta 1402+74.47

Course from 6591 to PC 6592 N 14° 54' 09.54" E Dist 23.5139

Curve Data

Curve 6592
P.I. Station 1406+36.21 N 1,183,303.9176 E 1,789,513.8180
Delta = 37° 22' 26.18" (RT)
Degree = 5° 43' 46.48"
Tangent = 338.2279
Length = 652.2983
Radius = 1,000.0000
External = 55.6505
Long Chord = 640.7951
Mid. Ord. = 52.7168
P.C. Station 1402+97.98 N 1,182,977.0663 E 1,789,426.8334
P.T. Station 1409+50.28 N 1,183,510.8624 E 1,789,781.3473
C.C. = N 1,182,719.8888 E 1,790,393.1976
Back = N 14° 54' 09.54" E
Ahead = N 52° 16' 35.72" E
Chord Bear = N 33° 35' 22.63" E

Course from PT 6592 to PC 6593 N 52° 16' 35.72" E Dist 135.1289

Curve Data

Curve 6593
P.I. Station 1412+83.18 N 1,183,714.5471 E 1,790,044.6620
Delta = 3° 46' 32.78" (RT)
Degree = 0° 57' 17.75"
Tangent = 197.7706
Length = 395.3981
Radius = 6,000.0000
External = 3.2585
Long Chord = 395.3265
Mid. Ord. = 3.2568
P.C. Station 1410+85.41 N 1,183,593.5411 E 1,789,888.2307
P.T. Station 1414+80.80 N 1,183,824.9891 E 1,790,208.7223
C.C. = N 1,178,847.6996 E 1,793,559.3325
Back = N 52° 16' 35.72" E
Ahead = N 56° 03' 08.50" E
Chord Bear = N 54° 09' 52.11" E

Course from PT 6593 to PC 6594 N 56° 03' 08.50" E Dist 6,161.7398

Curve Data

Curve 6594
P.I. Station 1480+71.29 N 1,187,505.3494 E 1,795,675.8514
Delta = 8° 54' 53.64" (RT)
Degree = 1° 02' 30.27"
Tangent = 428.7498
Length = 855.7689
Radius = 5,500.0000
External = 16.6862
Long Chord = 854.9059
Mid. Ord. = 16.6357
P.C. Station 1476+42.54 N 1,187,265.9205 E 1,795,320.1828
P.T. Station 1484+98.31 N 1,187,686.7689 E 1,796,064.3271
C.C. = N 1,182,703.4051 E 1,798,391.5754
Back = N 56° 03' 08.50" E
Ahead = N 64° 58' 02.14" E
Chord Bear = N 60° 30' 35.32" E

Course from PT 6594 to 6595 N 64° 58' 02.14" E Dist 1.3347

Point 6595 N 1,187,687.3336 E 1,796,065.5364 Sta 1484+99.65

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Ending chain S659 EX description

Beginning chain S666 EX description
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Point 6661 N 1,183,675.5722 E 1,788,299.9318 Sta 1394+98.30

Course from 6661 to PC 6662 N 58° 45' 36.23" E Dist 5.7116

Curve Data

Curve 6662
P.I. Station 1395+68.10 N 1,183,711.7752 E 1,788,359.6161
Delta = 68° 00' 48.19" (RT)
Degree = 60° 18' 40.85"
Tangent = 64.0945
Length = 112.7703
Radius = 95.0000
External = 19.5997
Long Chord = 106.2651
Mid. Ord. = 16.2476
P.C. Station 1395+04.01 N 1,183,678.5343 E 1,788,304.8152
P.T. Station 1396+16.78 N 1,183,673.4049 E 1,788,410.9564
C.C. = N 1,183,597.3090 E 1,788,354.0844
Back = N 58° 45' 36.23" E
Ahead = S 53° 13' 35.57" E
Chord Bear = S 87° 13' 59.67" E

Course from PT 6662 to PC 6663 S 53° 13' 35.57" E Dist 122.2108

Curve Data

Curve 6663
P.I. Station 1402+42.83 N 1,183,298.6208 E 1,788,912.4248
Delta = 70° 43' 15.93" (LT)
Degree = 8° 04' 11.38"
Tangent = 503.8353
Length = 876.3643
Radius = 710.0000
External = 160.6032
Long Chord = 821.7820
Mid. Ord. = 130.9762
P.C. Station 1397+38.99 N 1,183,600.2431 E 1,788,508.8483
P.T. Station 1406+15.36 N 1,183,579.9801 E 1,789,330.3805
C.C. = N 1,184,168.9593 E 1,788,933.8916
Back = S 53° 13' 35.57" E
Ahead = N 56° 03' 08.50" E
Chord Bear = S 88° 35' 13.54" E

Course from PT 6663 to PC 6664 N 56° 03' 08.50" E Dist 1,416.9100

Curve Data

Curve 6664
P.I. Station 1423+58.67 N 1,184,553.5051 E 1,790,776.5398
Delta = 2° 59' 29.51" (RT)
Degree = 0° 27' 30.12"
Tangent = 326.3965
Length = 652.6506
Radius = 12,500.0000
External = 4.2607
Long Chord = 652.5765
Mid. Ord. = 4.2593
P.C. Station 1420+32.27 N 1,184,371.2322 E 1,790,505.7757
P.T. Station 1426+84.92 N 1,184,721.3989 E 1,791,056.4474
C.C. = N 1,174,001.8790 E 1,797,486.2136
Back = N 56° 03' 08.50" E
Ahead = N 59° 02' 38.01" E
Chord Bear = N 57° 32' 53.25" E

Course from PT 6664 to PC 6665 N 59° 02' 38.01" E Dist 562.5621

Curve Data

Curve 6665
P.I. Station 1435+75.26 N 1,185,179.3771 E 1,791,819.9754
Delta = 3° 00' 15.22" (LT)
Degree = 0° 27' 30.12"
Tangent = 327.7856
Length = 655.4210
Radius = 12,500.0000
External = 4.2970
Long Chord = 655.3459
Mid. Ord. = 4.2955
P.C. Station 1432+47.48 N 1,185,010.7703 E 1,791,538.8791
P.T. Station 1439+02.90 N 1,185,362.4843 E 1

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	6P



PRELIMINARY
NOT FOR CONSTRUCTION

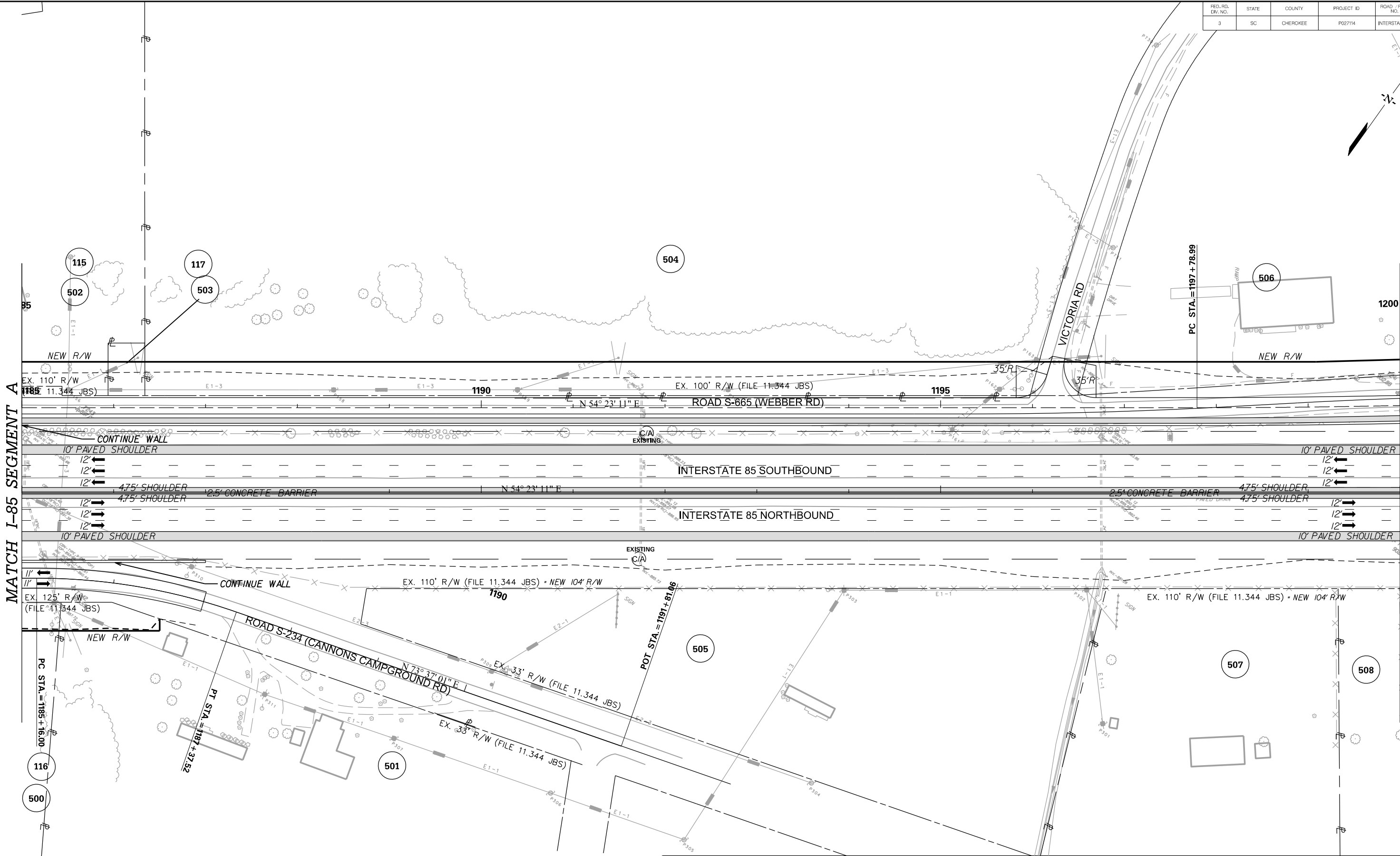
SCALE: 1" = 200'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85	
INTERCHANGE OVERVIEW SHEET	
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B	

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3/24/2016

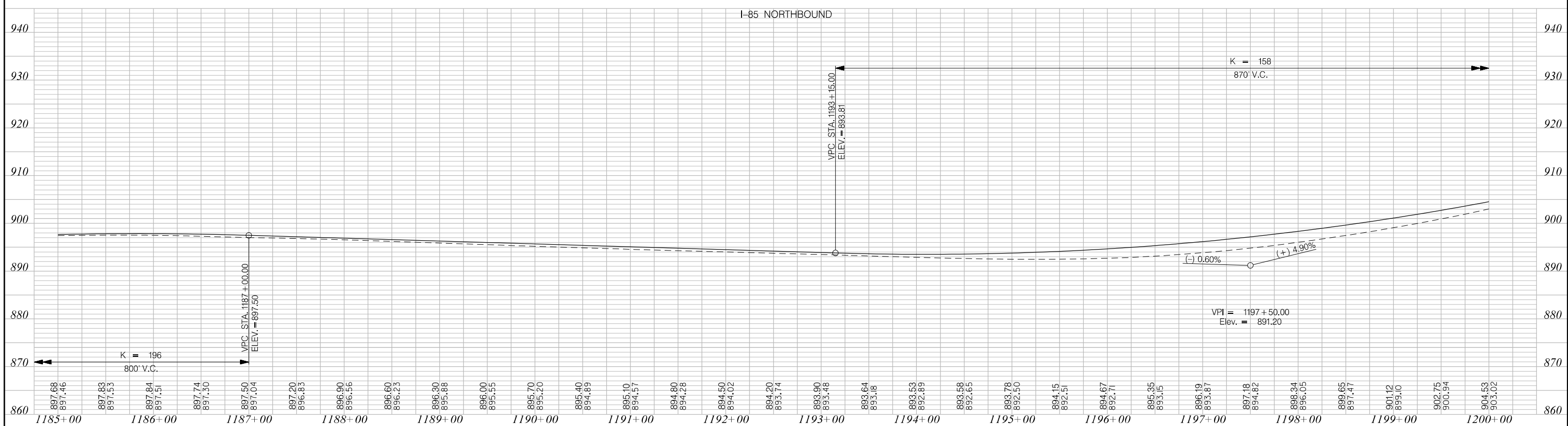
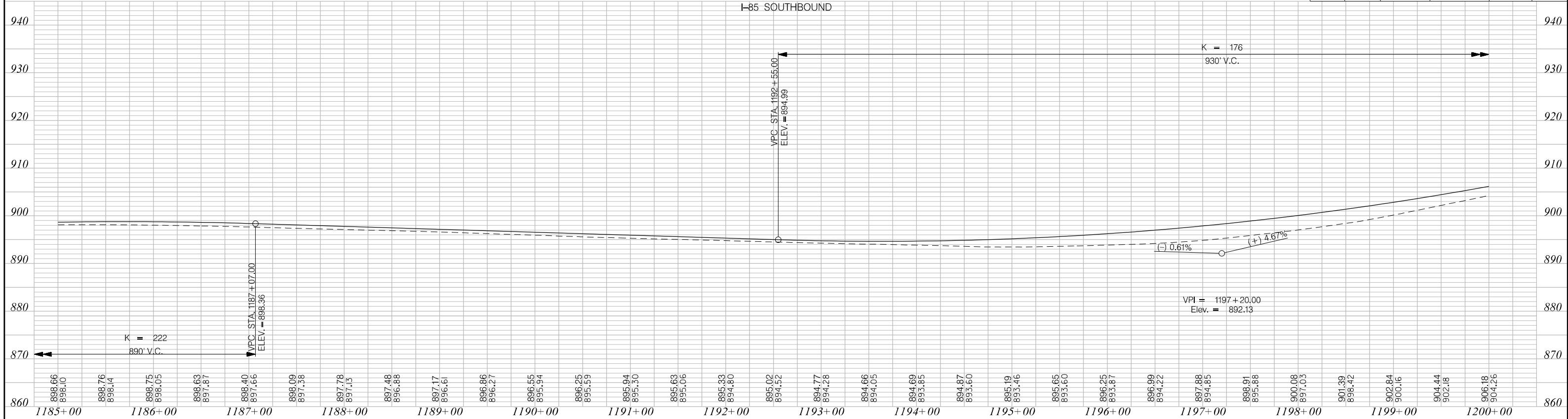
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	6



PRELIMINARY NOT FOR CONSTRUCTION		7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
		6				
		5				PLAN SHEET
		4				
		3				
		2				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
		1				
SCALE: 1" = 50'		REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

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3/24/2016

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	6A



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ /10' VERT (TYP)

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

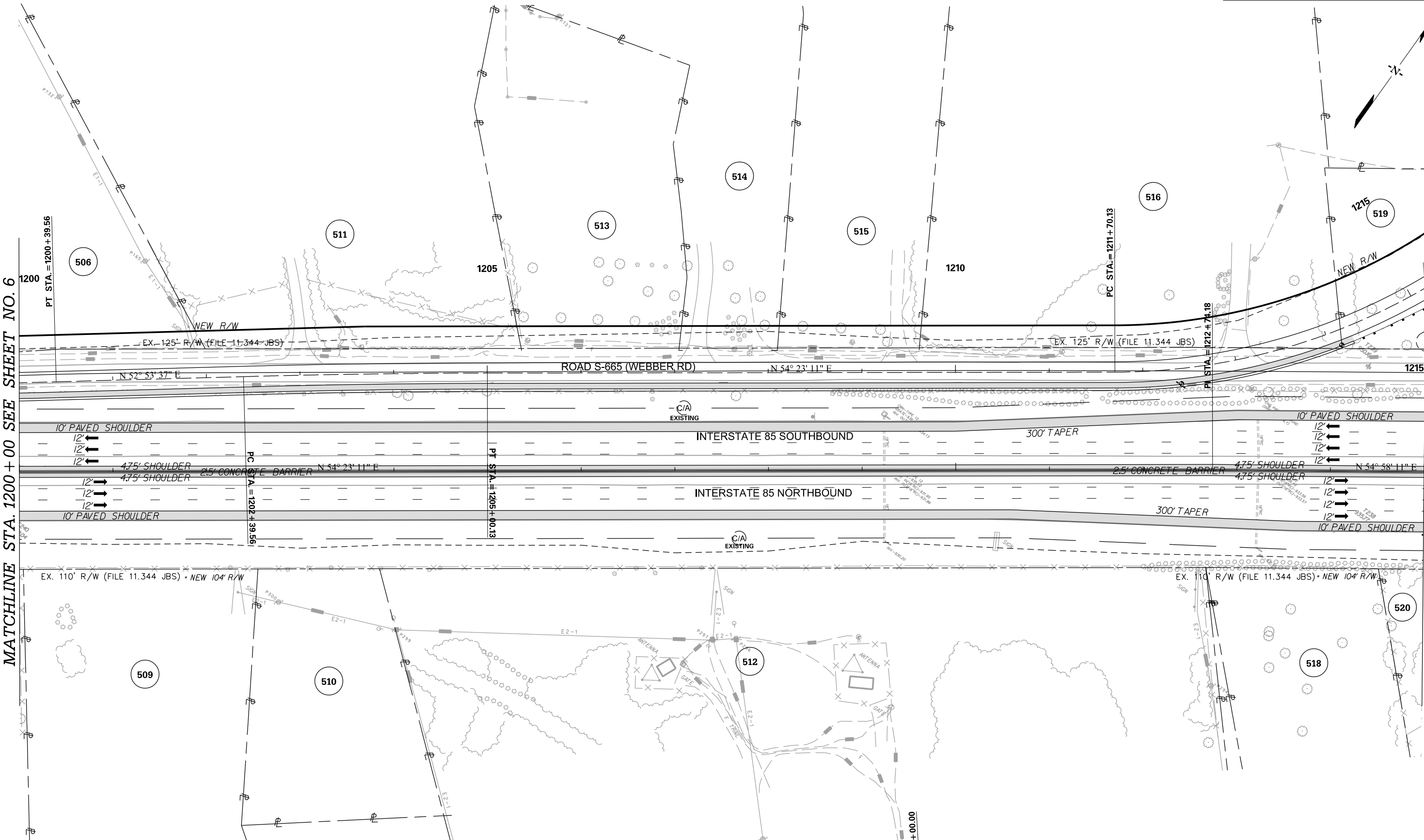
PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	7

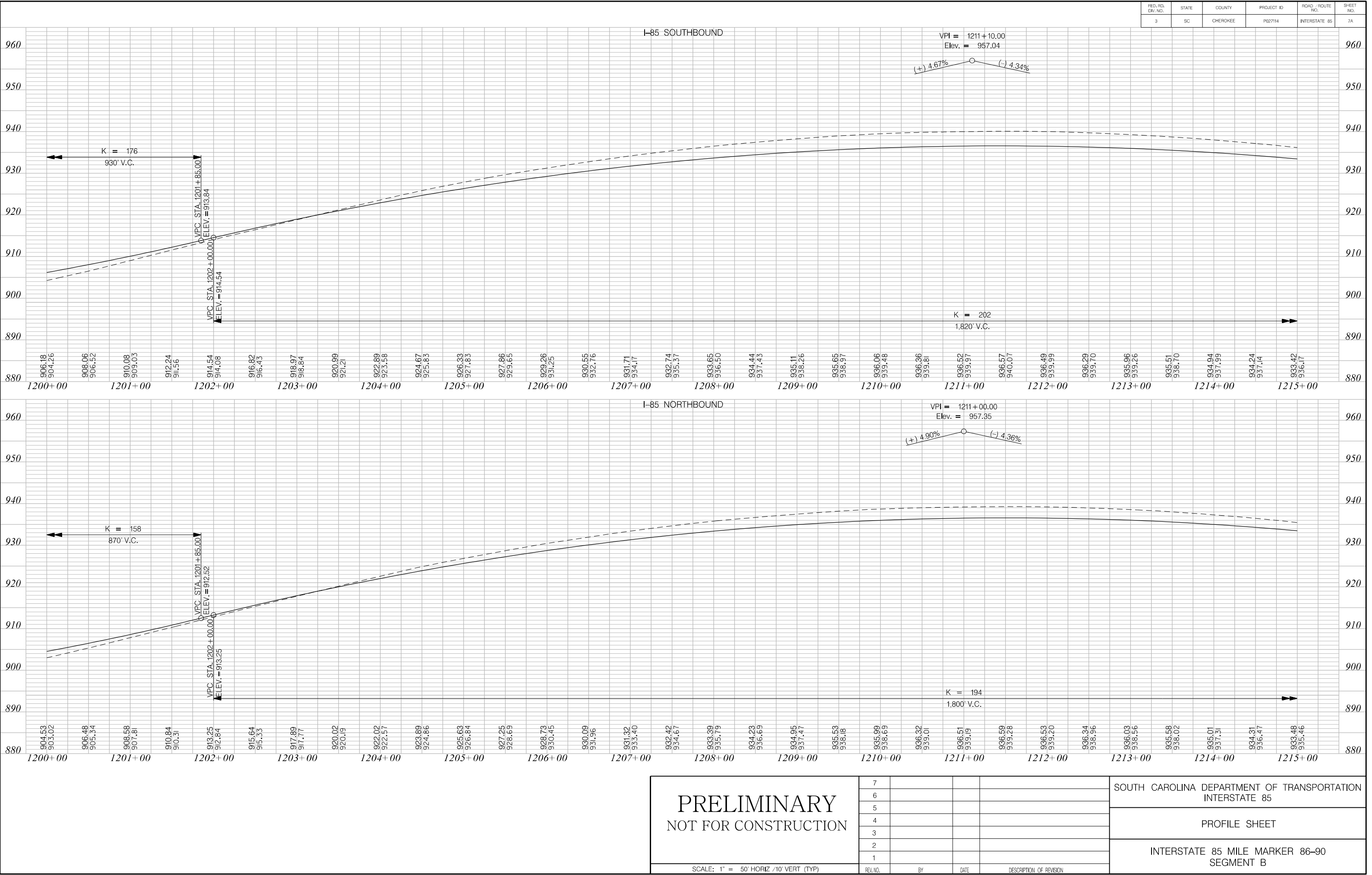
MATCHLINE STA. 1200+00 SEE SHEET NO. 6

MATCHLINE STA. 1215+00 SEE SHEET NO. 8

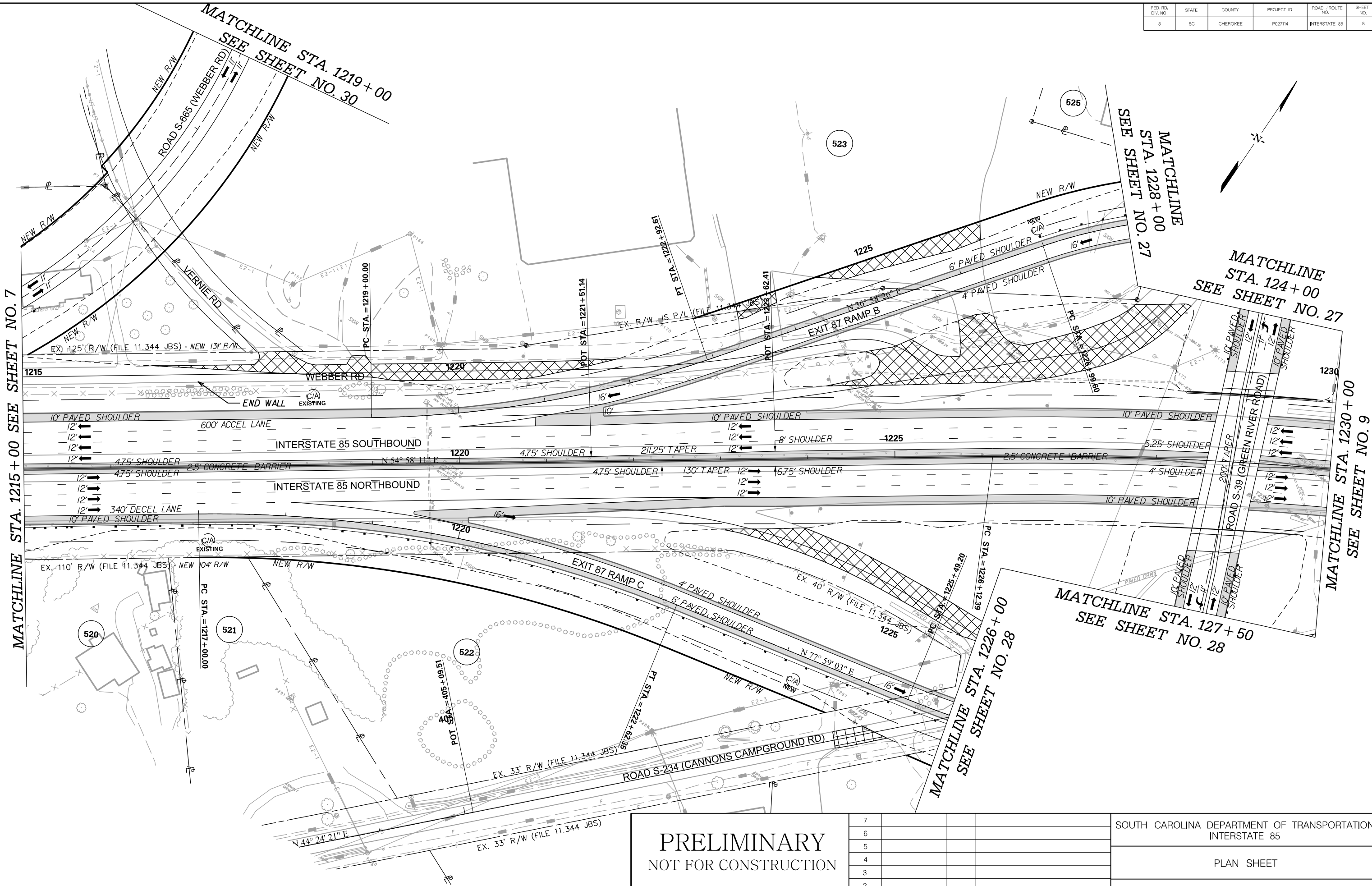


PRELIMINARY NOT FOR CONSTRUCTION	7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
	6				
	5				PLAN SHEET
	4				
	3				
	2				INTERSTATE 85 MILE MARKER 86–90 SEGMENT B
	1				
SCALE: 1" = 50'	REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

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3/24/2016



FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	8



PRELIMINARY
NOT FOR CONSTRUCTION

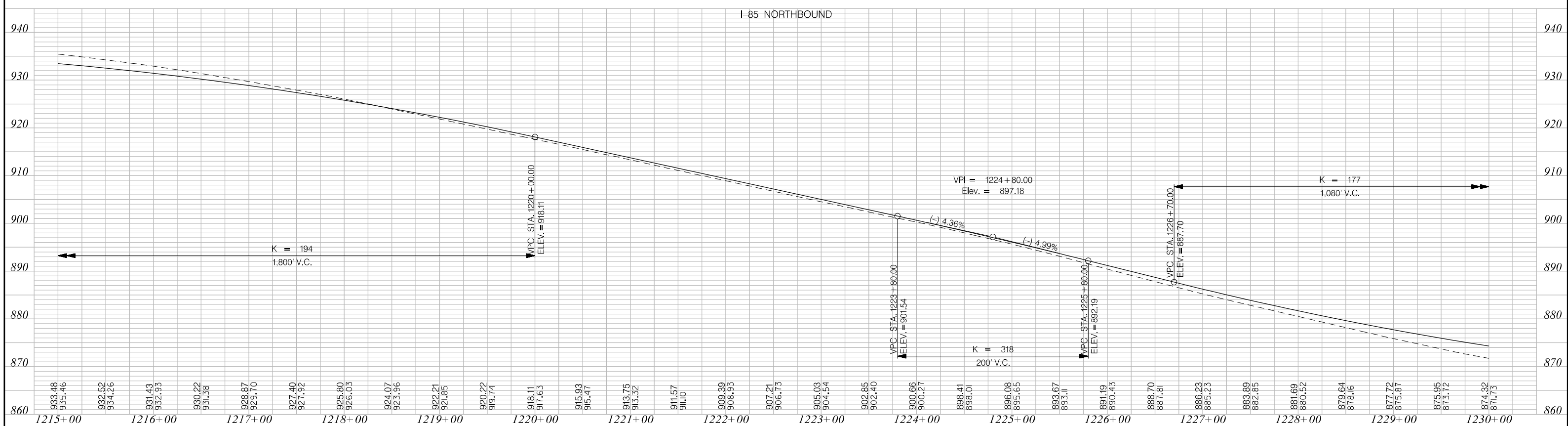
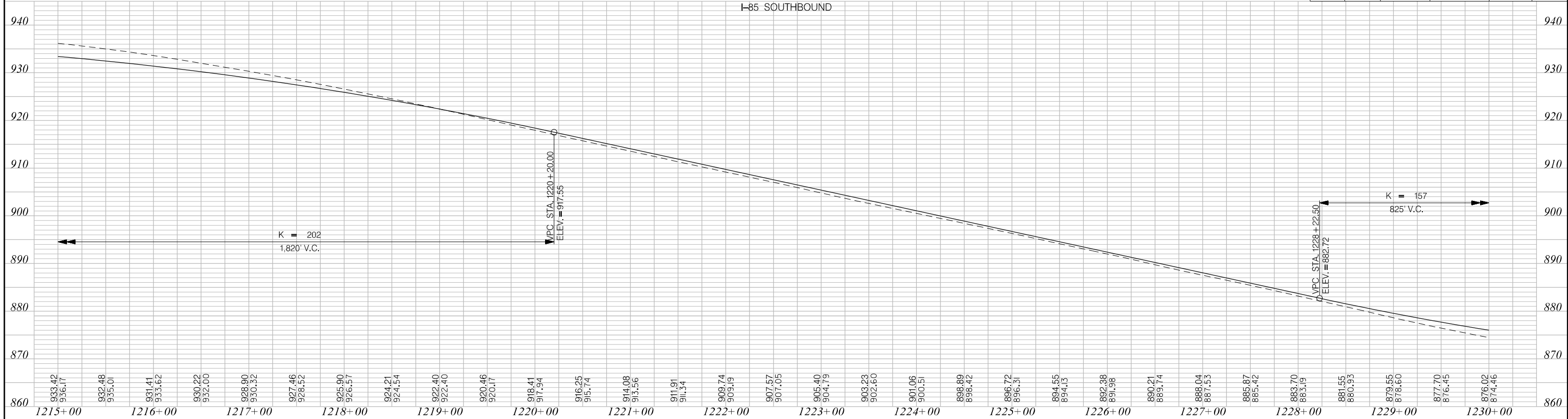
SCALE: 1" = 50'

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
PLAN SHEET
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B

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3/24/2016

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	8A



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ /10' VERT (TYP)

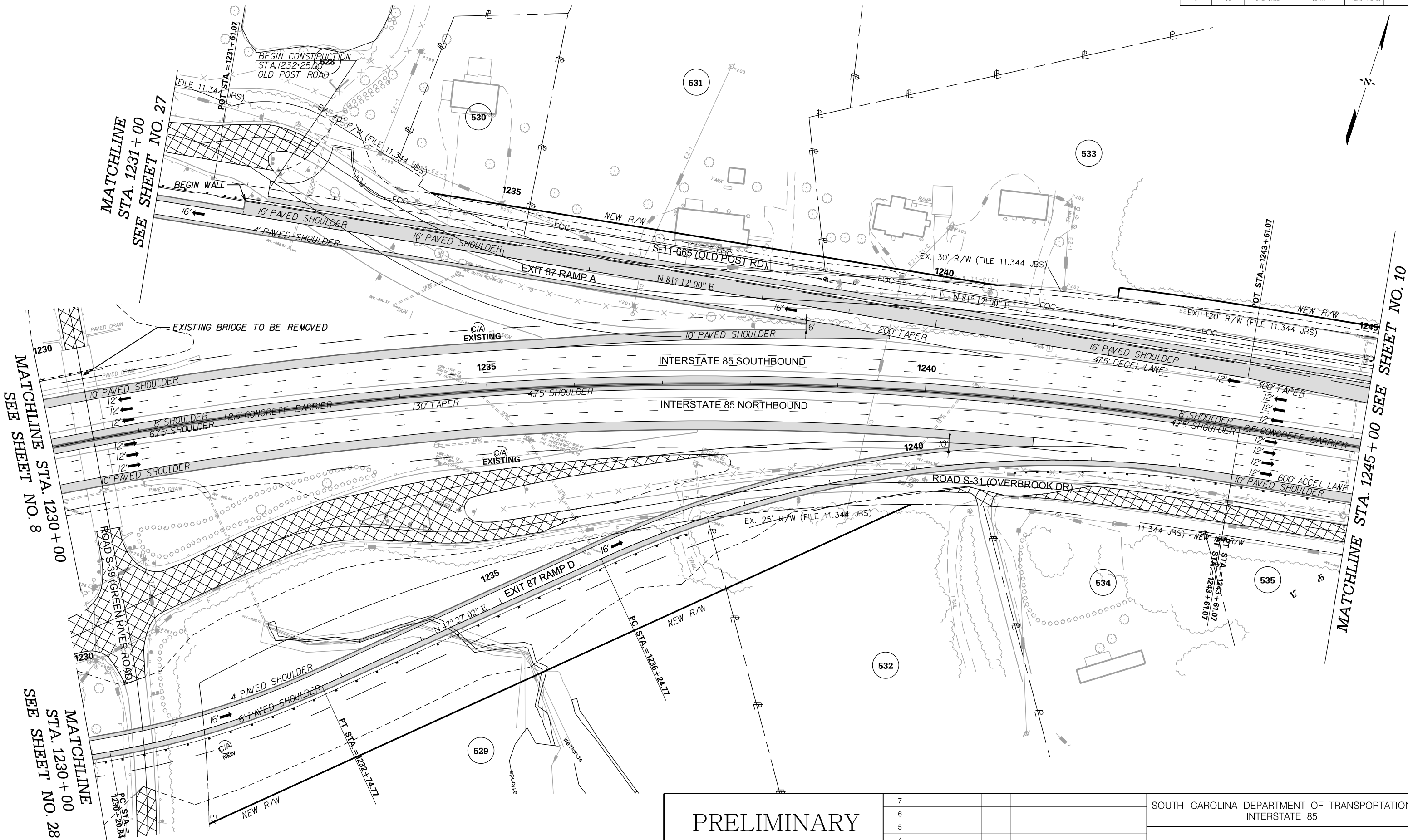
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

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3/24/2016



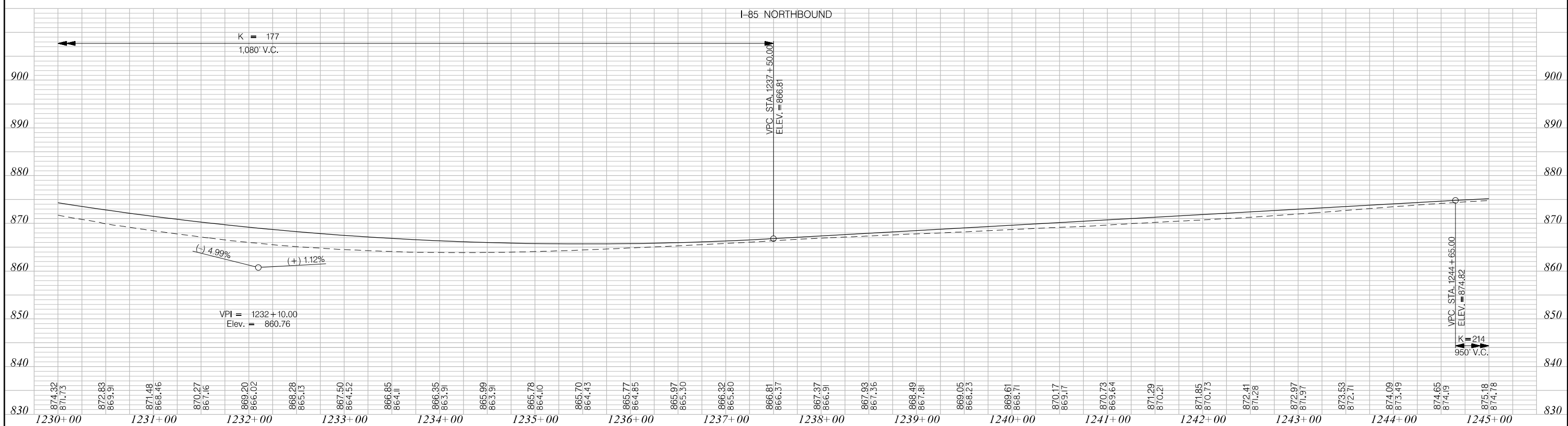
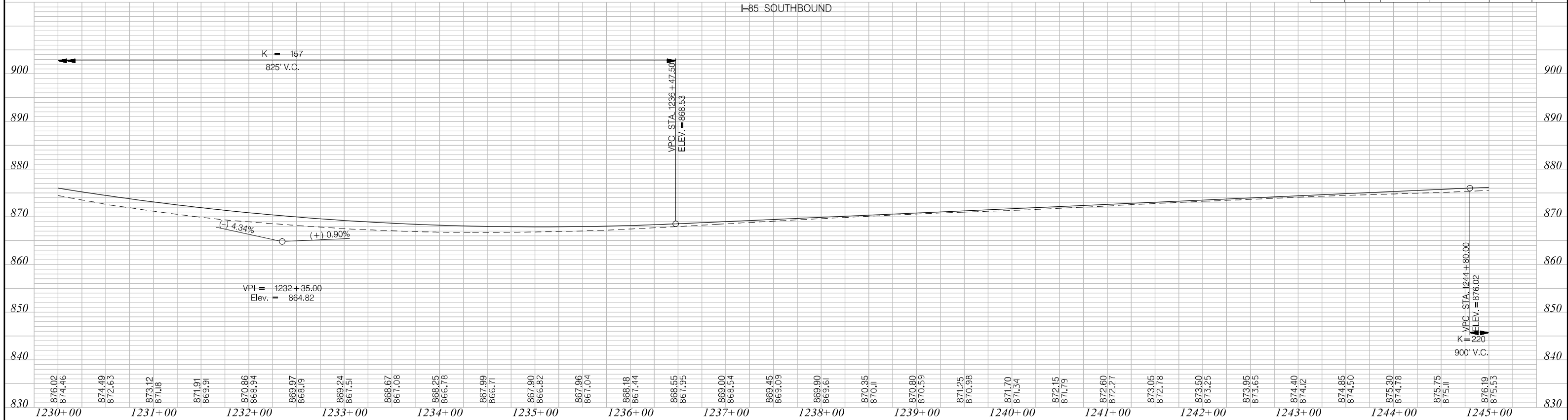
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
PLAN SHEET
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	9A



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ /10' VERT (TYP)

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	11

MATCHLINE STA. 1260 + 00 SEE SHEET NO. 10

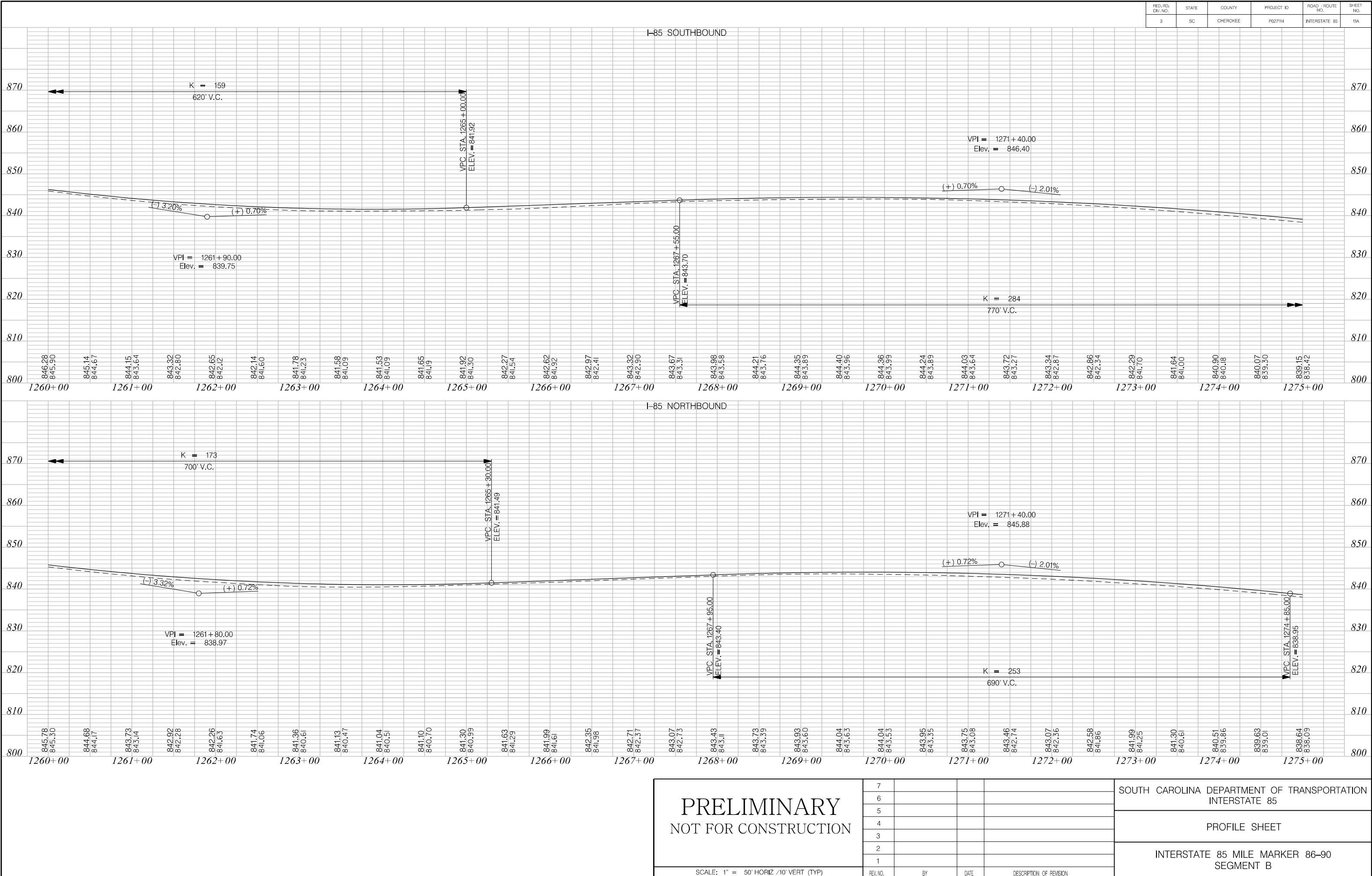
MATCHLINE STA. 1275 + 00 SEE SHEET NO. 12

-N-

PRELIMINARY NOT FOR CONSTRUCTION	7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
	6				
	5				PLAN SHEET
	4				
	3				
	2				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
	1				
SCALE: 1" = 50'	REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

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3/24/2016

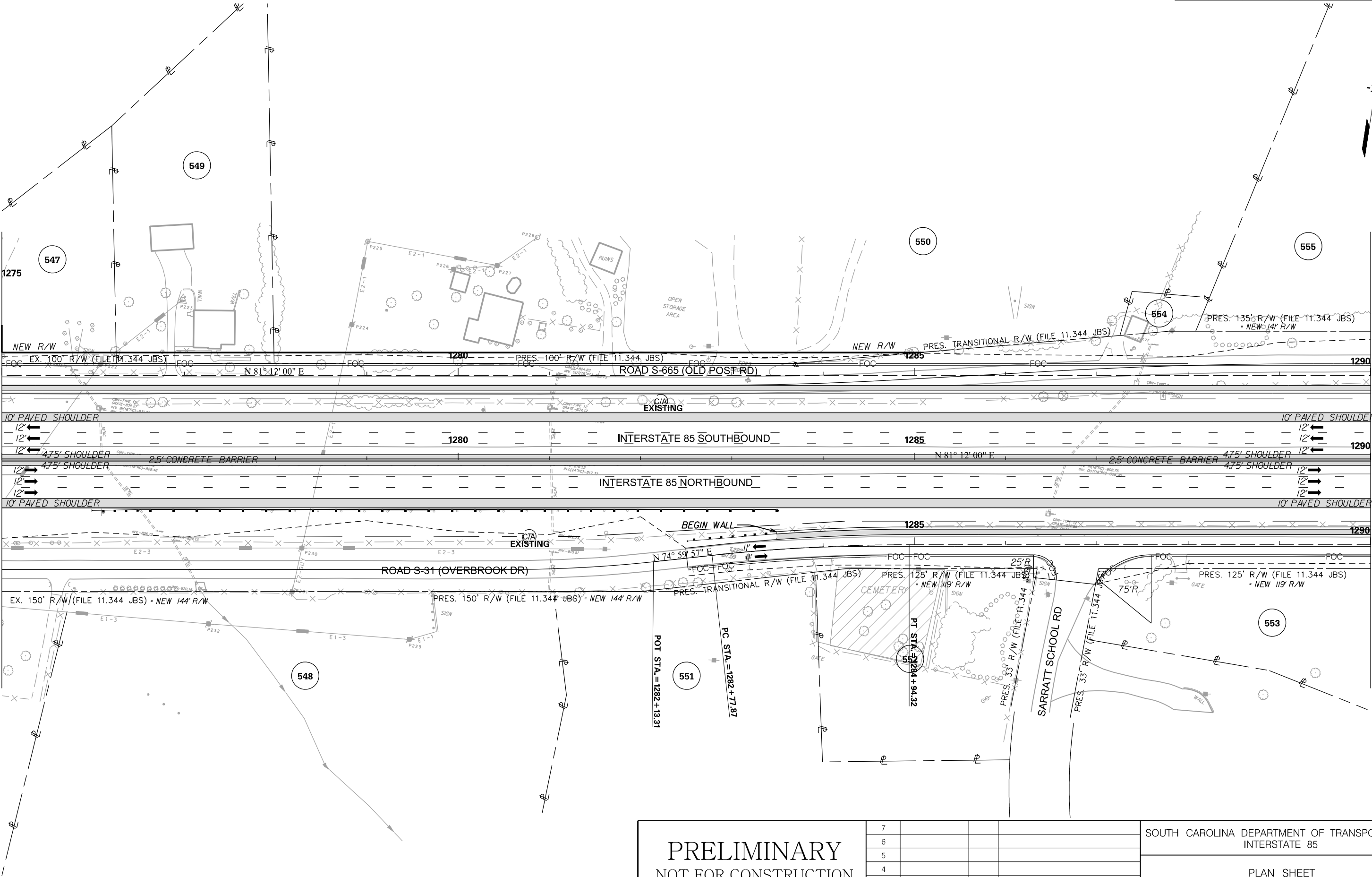
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3/24/2016



FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	12

MATCHLINE STA. 1275 + 00 SEE SHEET NO. 11

MATCHLINE STA. 1290 + 00 SEE SHEET NO. 13



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

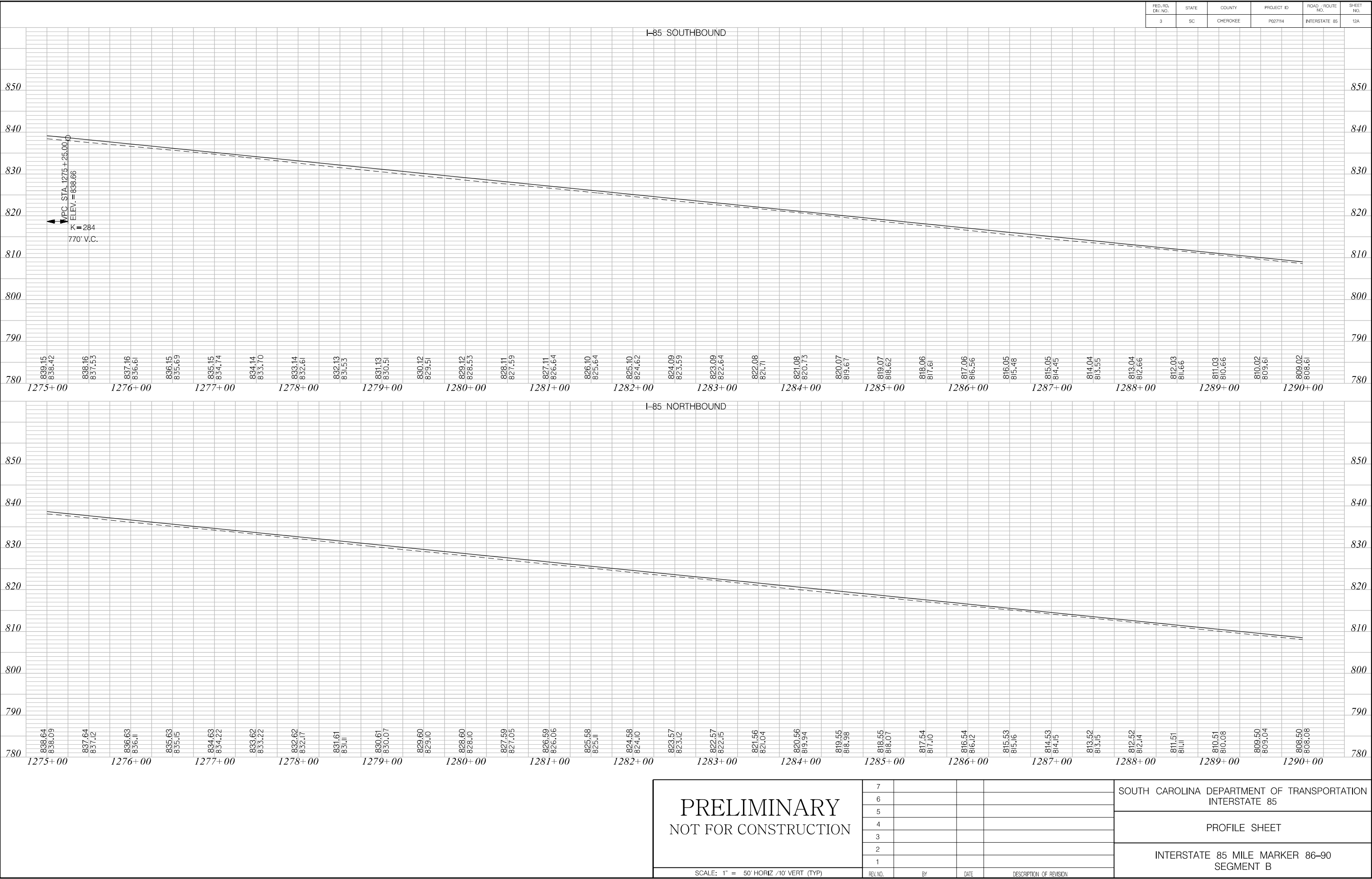
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PLAN SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

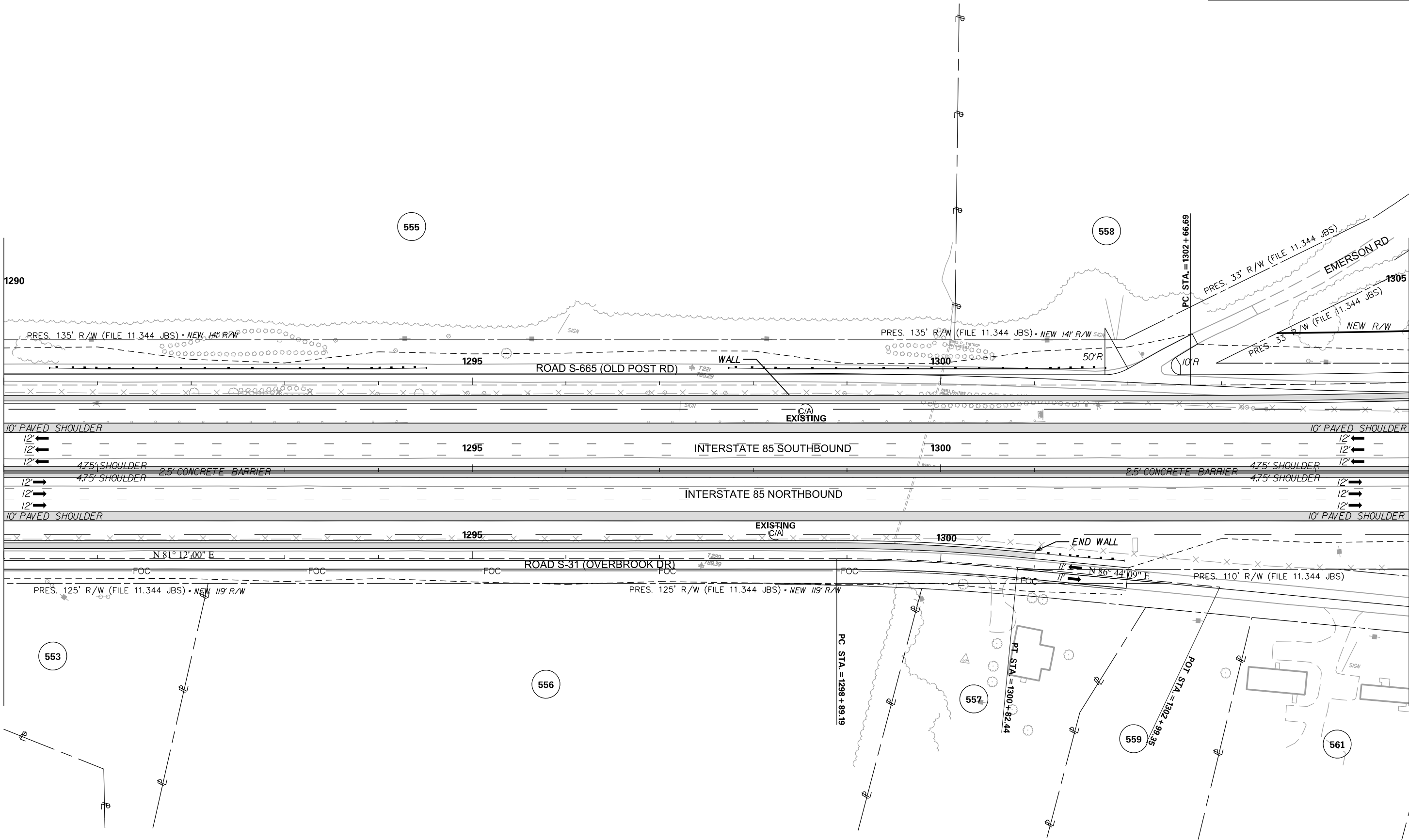
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3/24/2016



FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	13

MATCHLINE STA. 1290 + 00 SEE SHEET NO. 12

MATCHLINE STA. 1305 + 00 SEE SHEET NO. 14



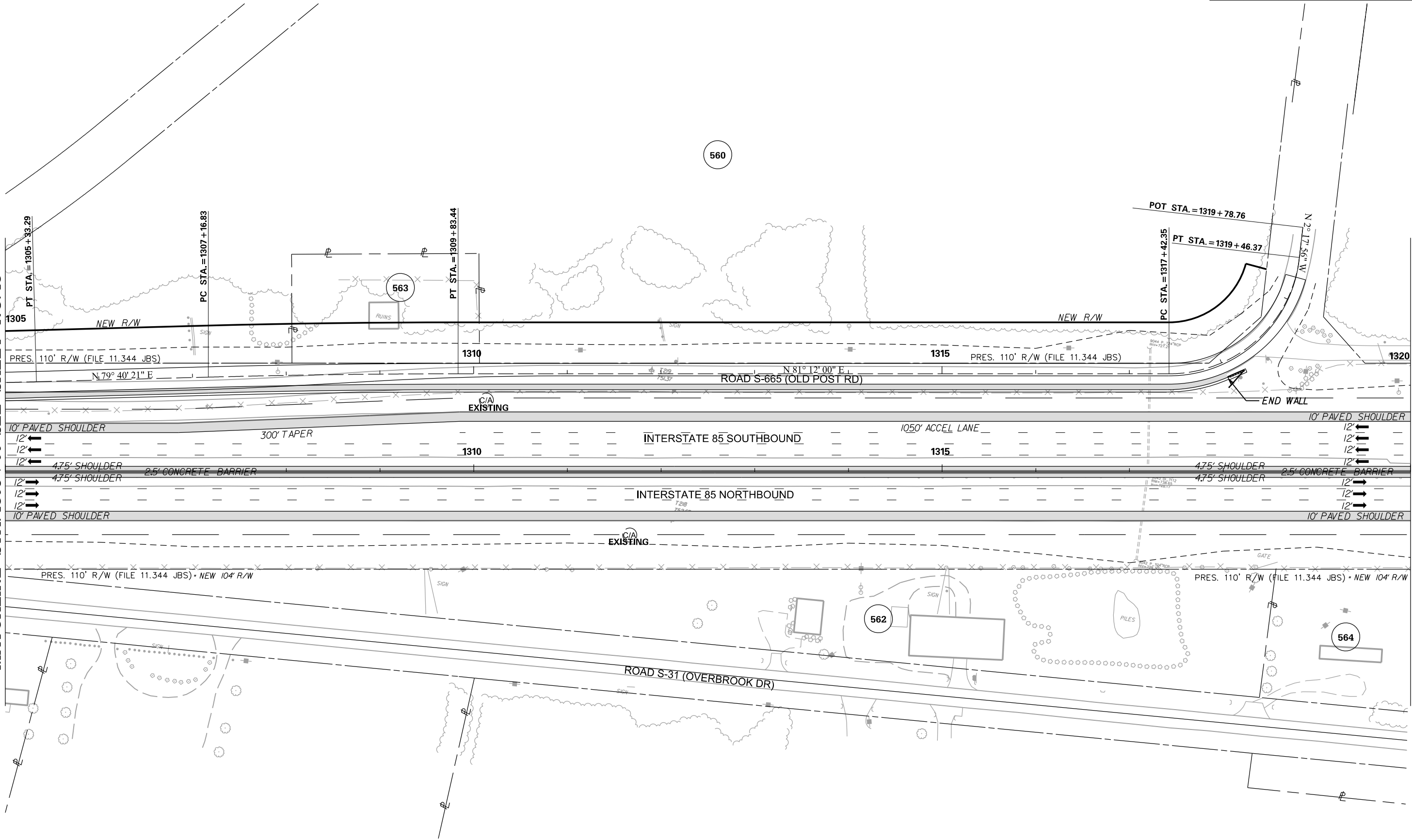
PRELIMINARY NOT FOR CONSTRUCTION		7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
		6				
		5				PLAN SHEET
		4				
		3				
		2				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
SCALE: 1" = 50'		1				
		REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

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3/24/2016

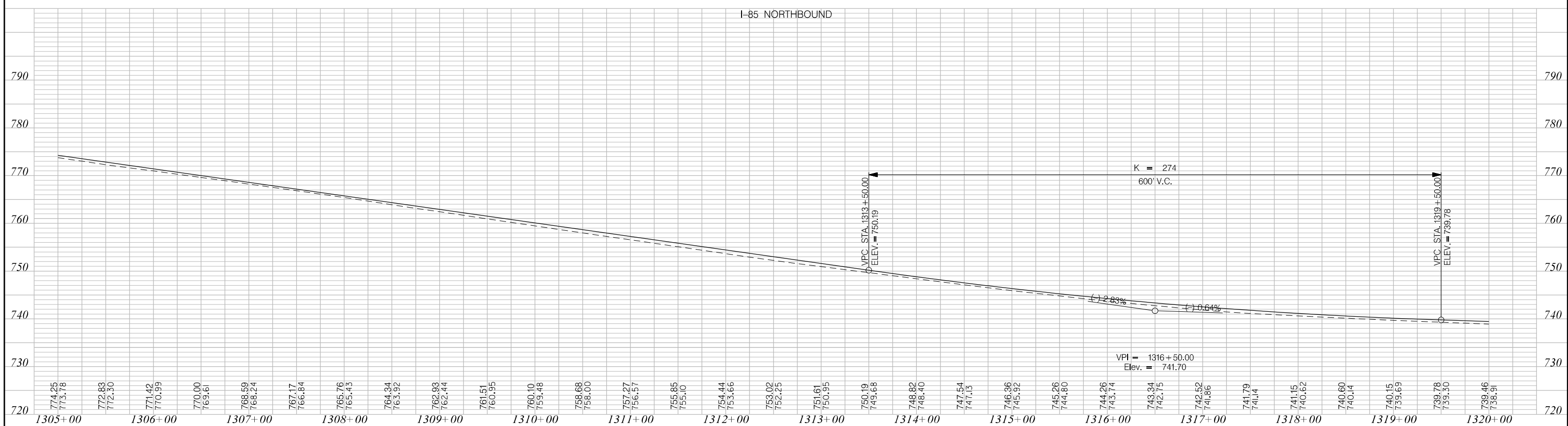
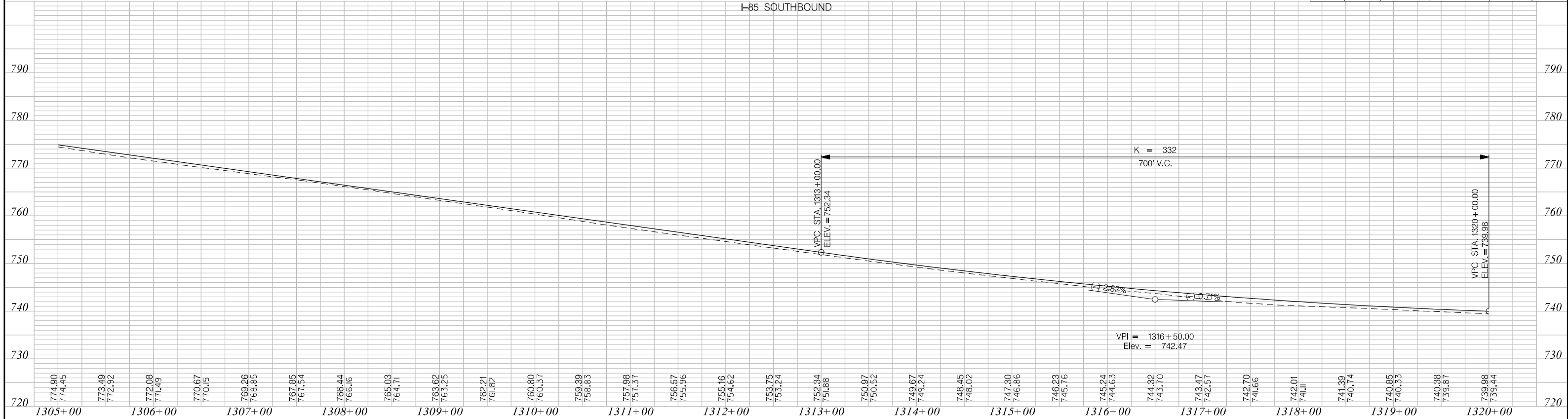
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	14

MATCHLINE STA. 1305 + 00 SEE SHEET NO. 13

MATCHLINE STA. 1320 + 00 SEE SHEET NO. 15



PRELIMINARY NOT FOR CONSTRUCTION	7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
	6				
	5				PLAN SHEET
	4				
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	2				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
	1				
SCALE: 1" = 50'	REV. NO.	BY	DATE	DESCRIPTION OF REVISION	



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ /10' VERT (TYP)

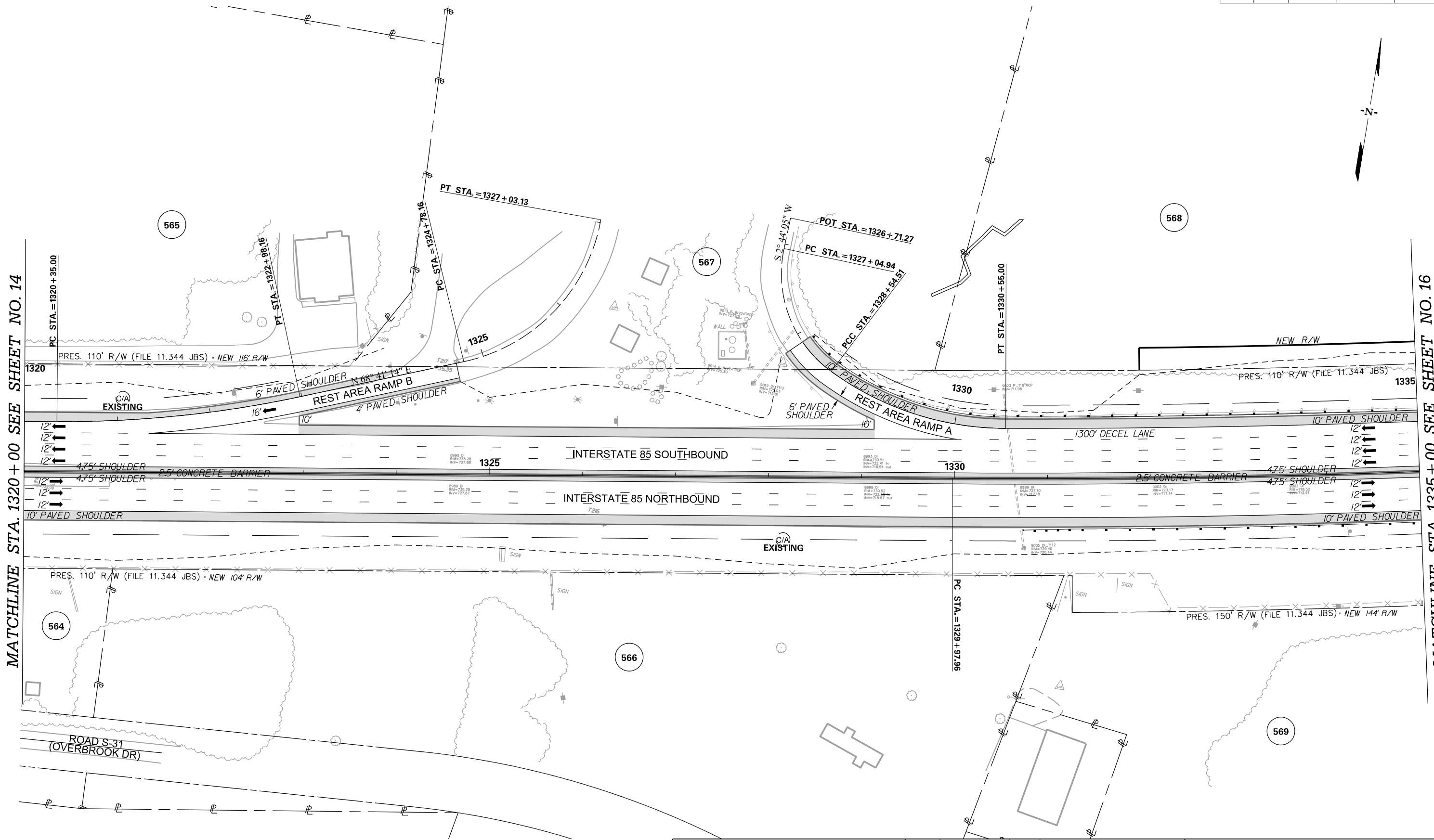
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90 SEGMENT B

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	15



PRELIMINARY
NOT FOR CONSTRUCTION

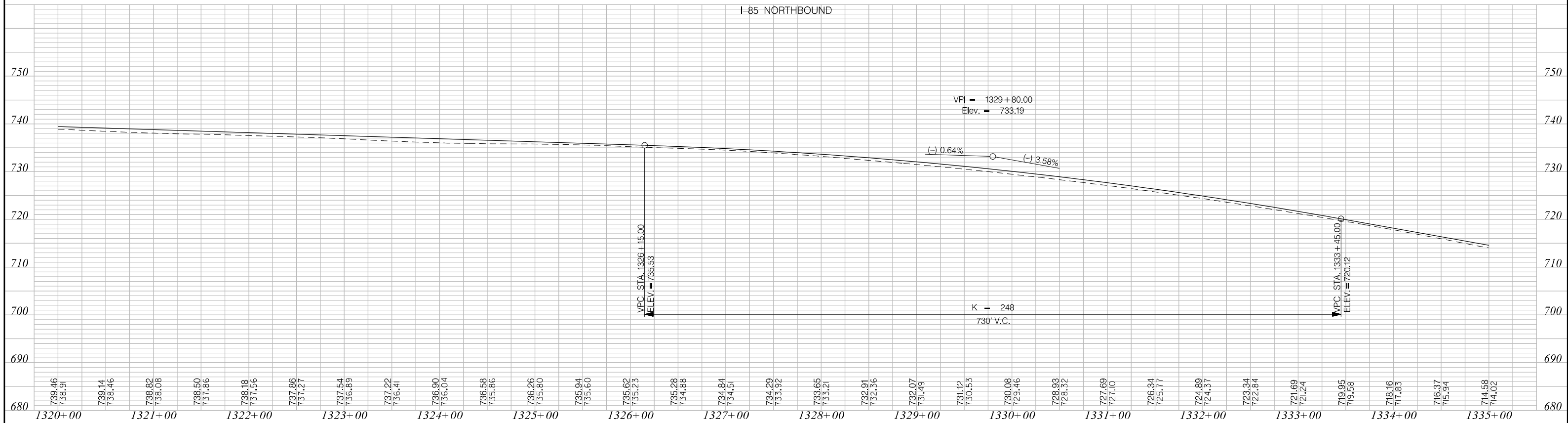
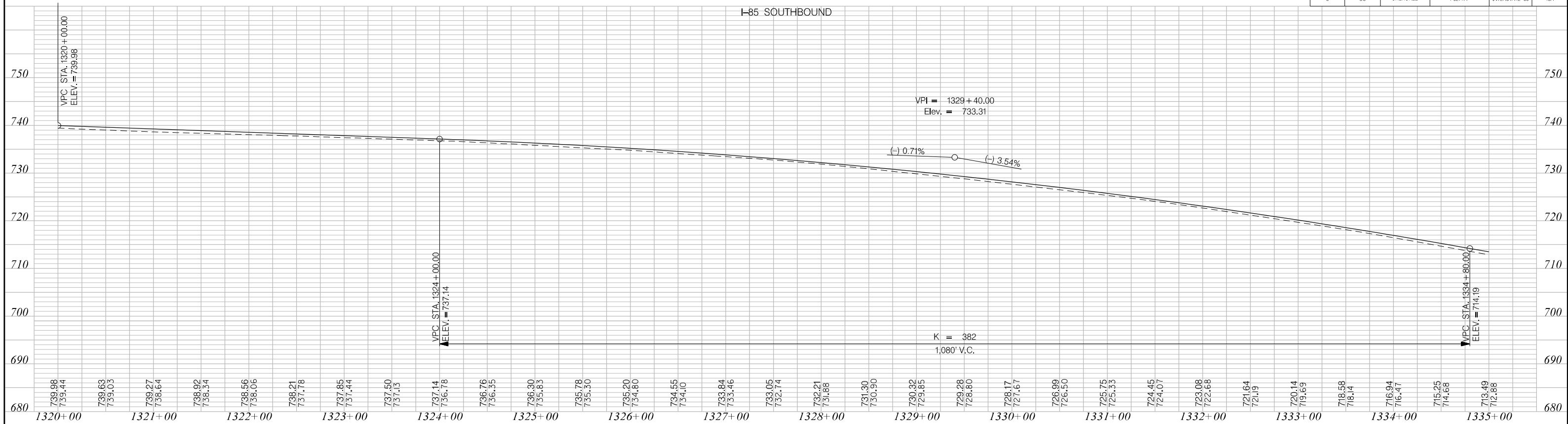
SCALE: 1" = 50'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PLAN SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ /10' VERT (TYP)

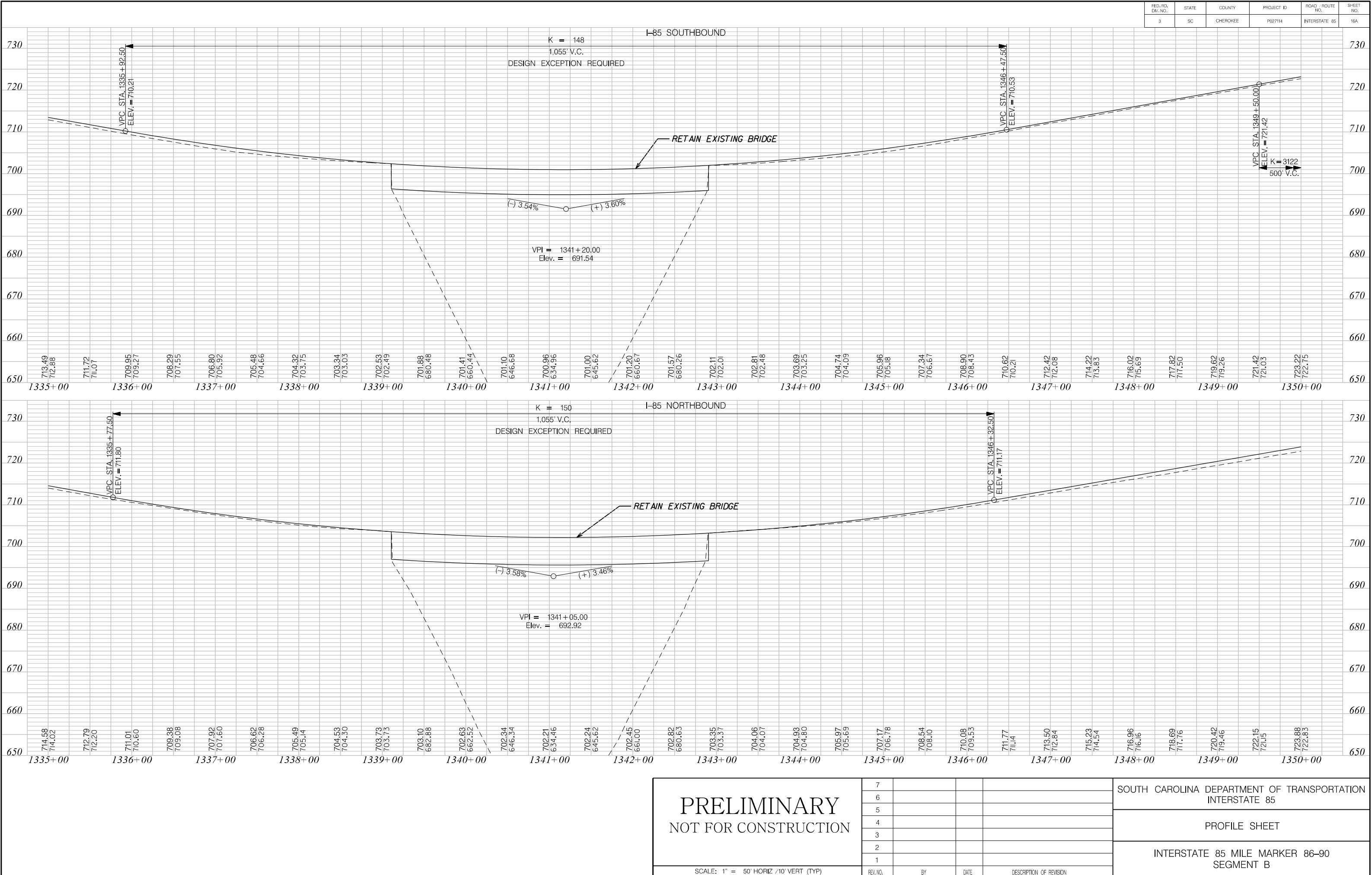
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

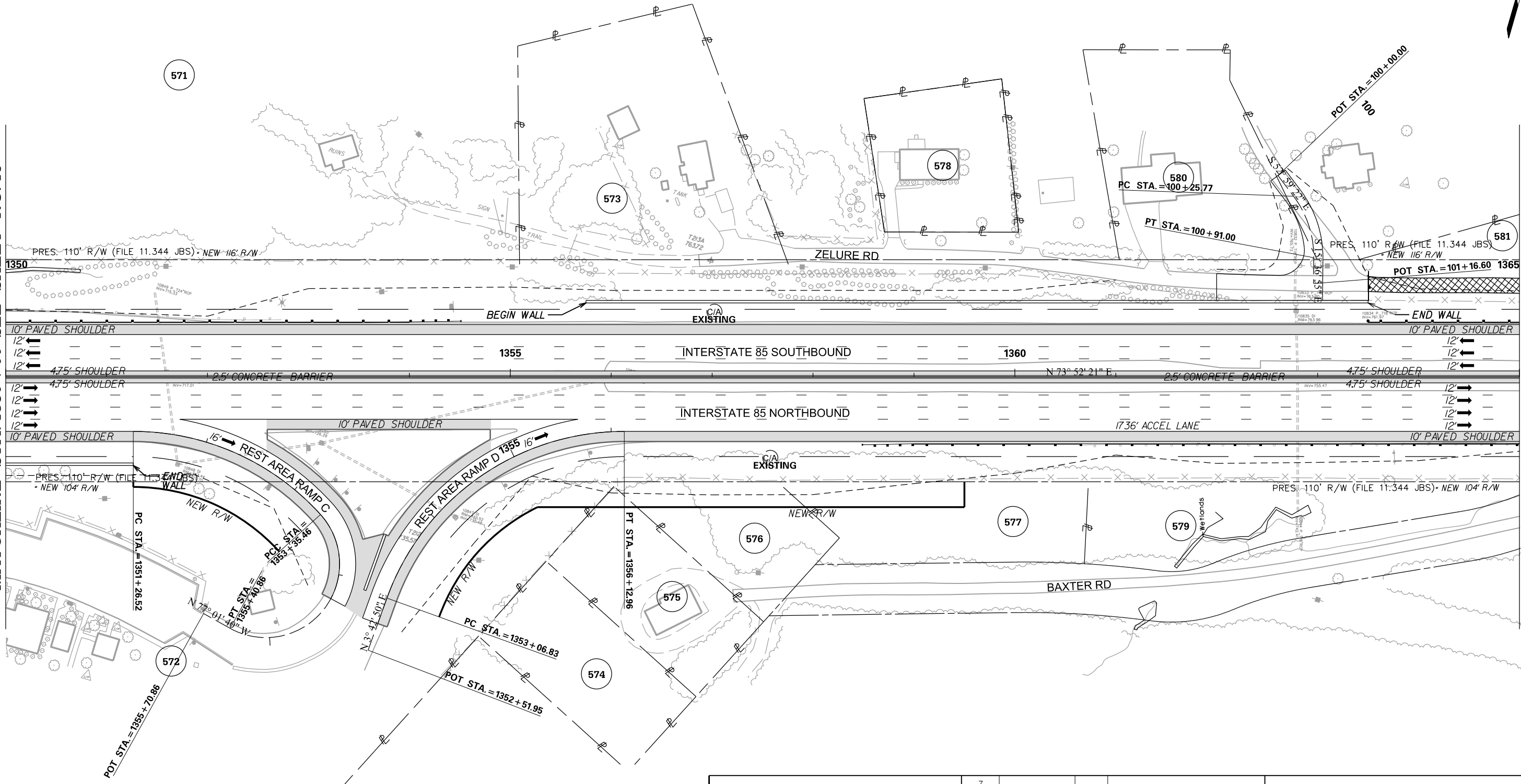
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B

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3/24/2016



MATCHLINE STA. 1350 + 00 SEE SHEET NO. 16

MATCHLINE STA. 1365 + 00 SEE SHEET NO. 18



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

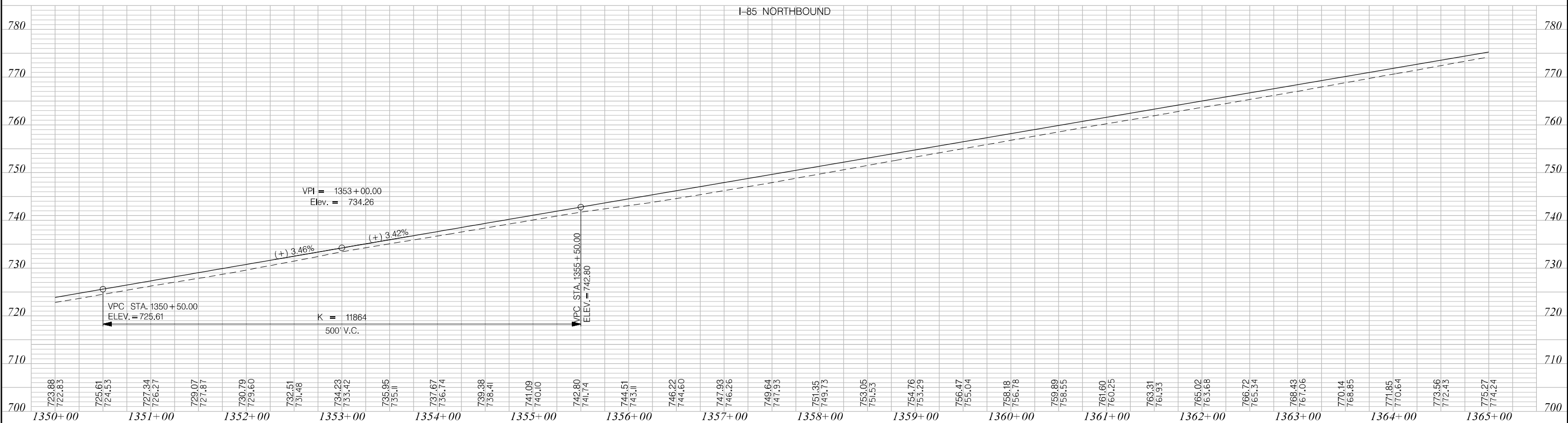
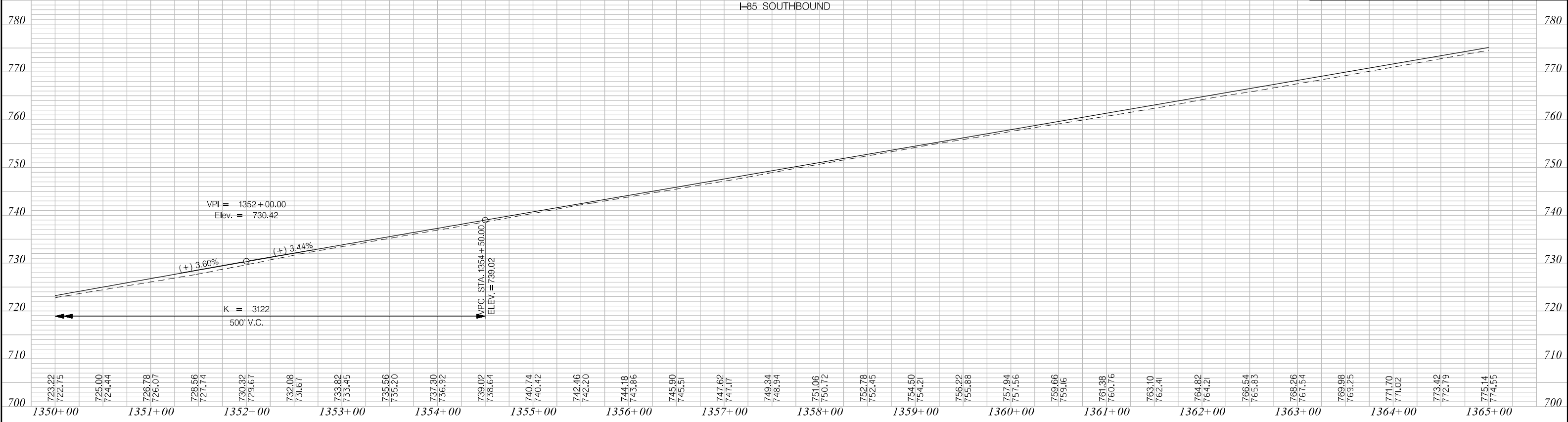
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PLAN SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

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3/24/2016

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	17A

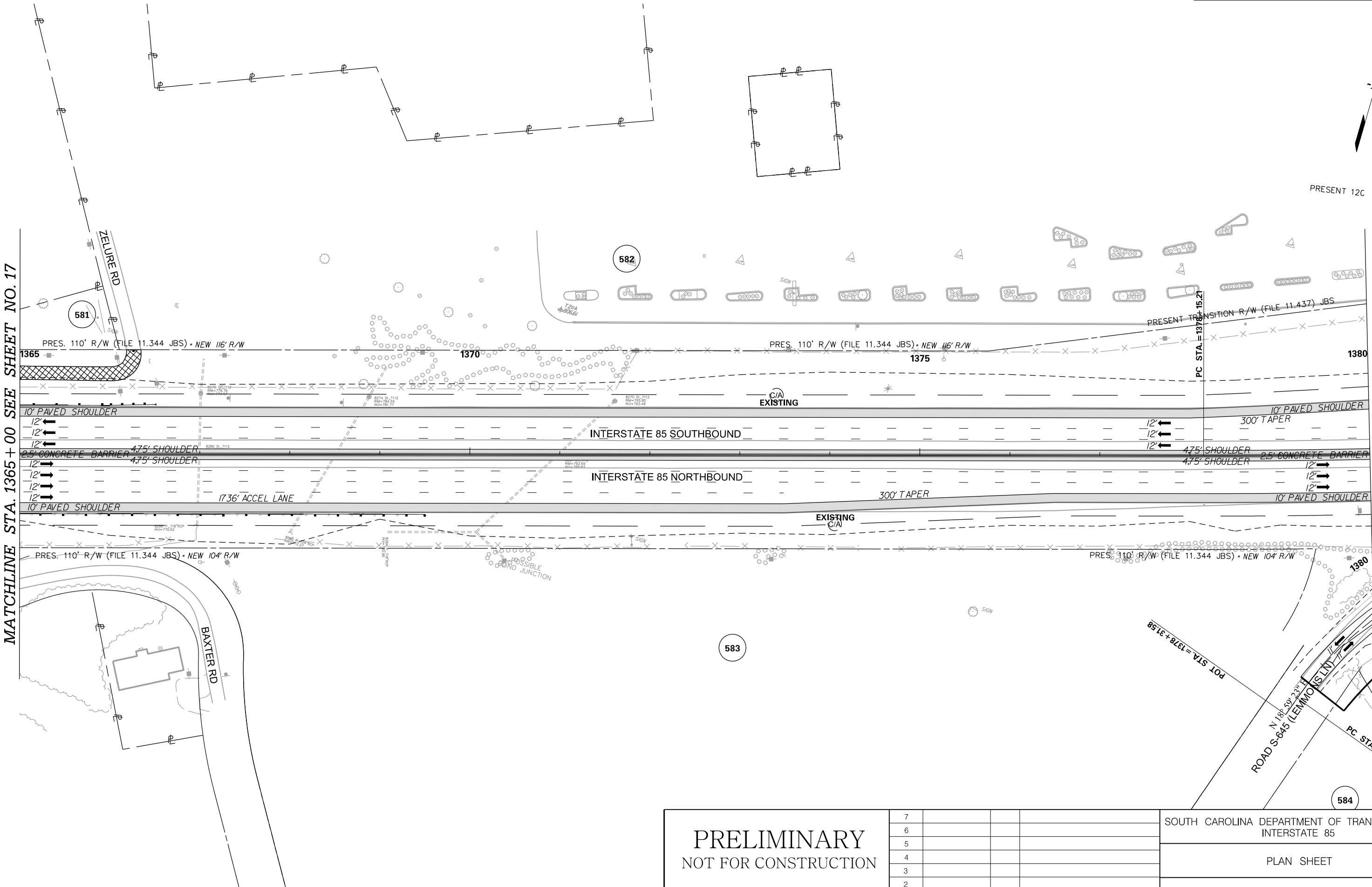


PRELIMINARY NOT FOR CONSTRUCTION		7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
		6				
		5				PROFILE SHEET
		4				
		3				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
SCALE: 1" = 50' HORIZ /10' VERT (TYP)		2				
		1				
REV. NO.	BY	DATE	DESCRIPTION OF REVISION			

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	18

MATCHLINE STA. 1365 + 00 SEE SHEET NO. 17

MATCHLINE STA. 1380 + 00
SEE SHEET NO. 19



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

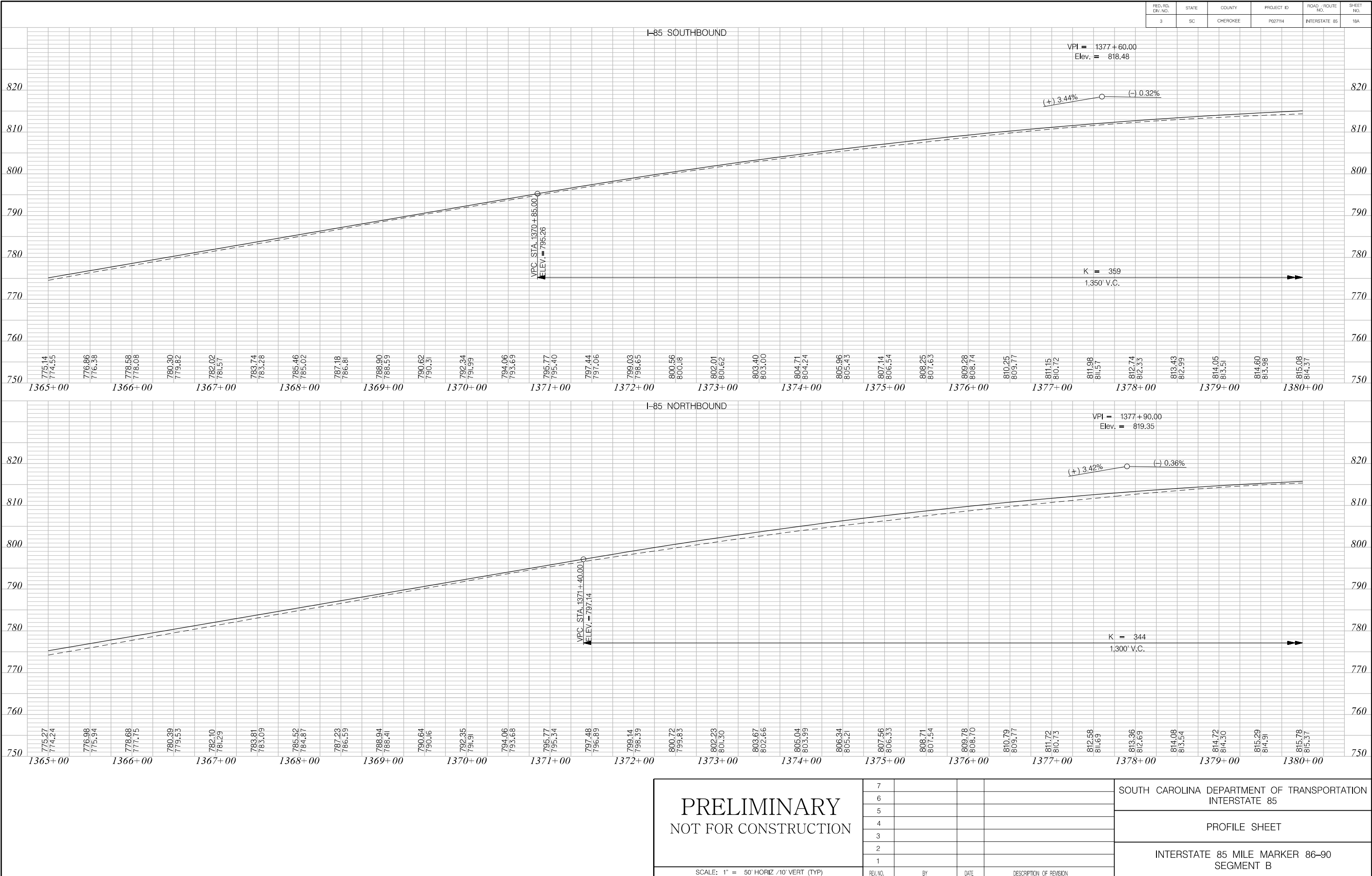
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

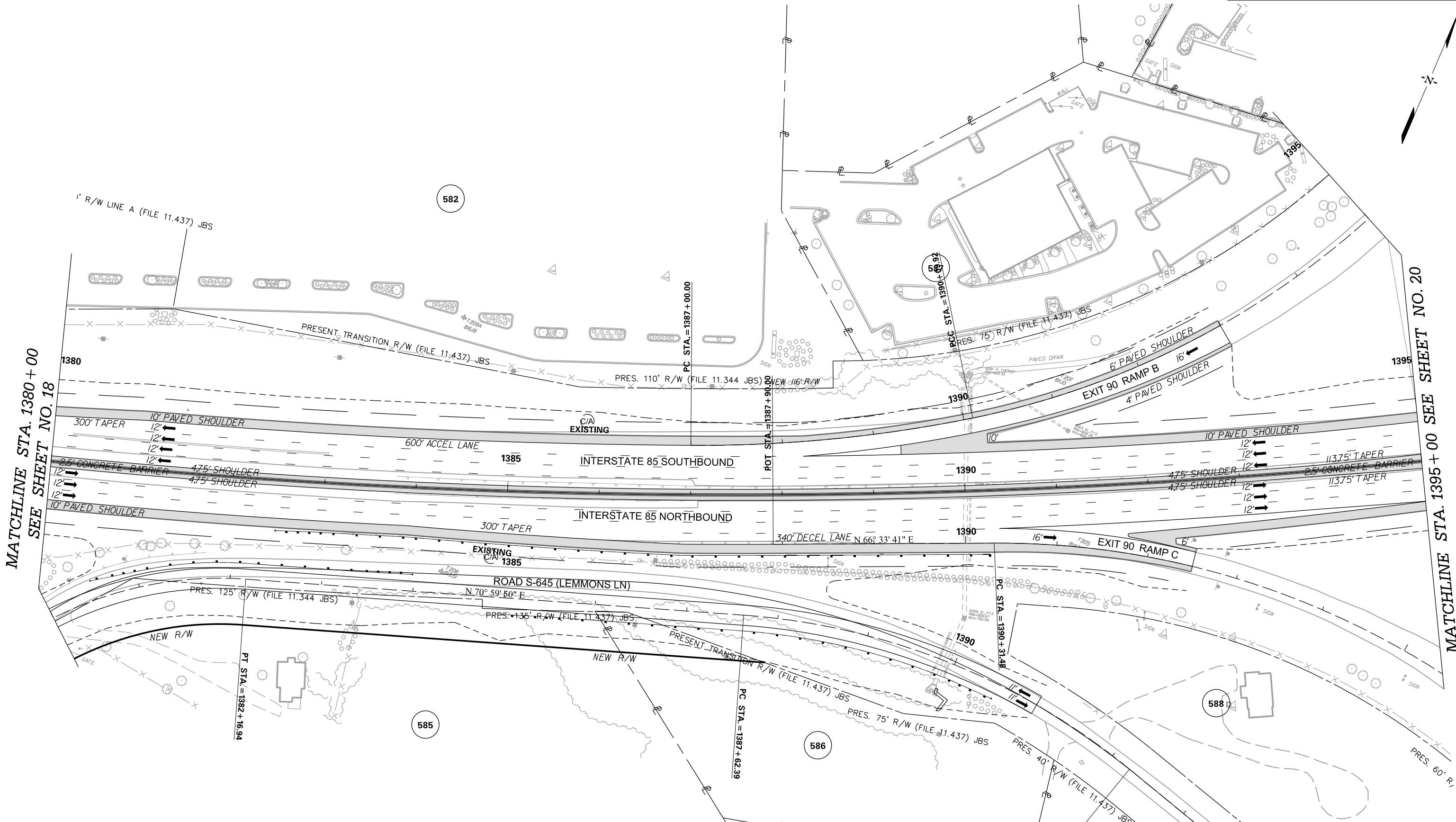
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PLAN SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

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3/24/2016





PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

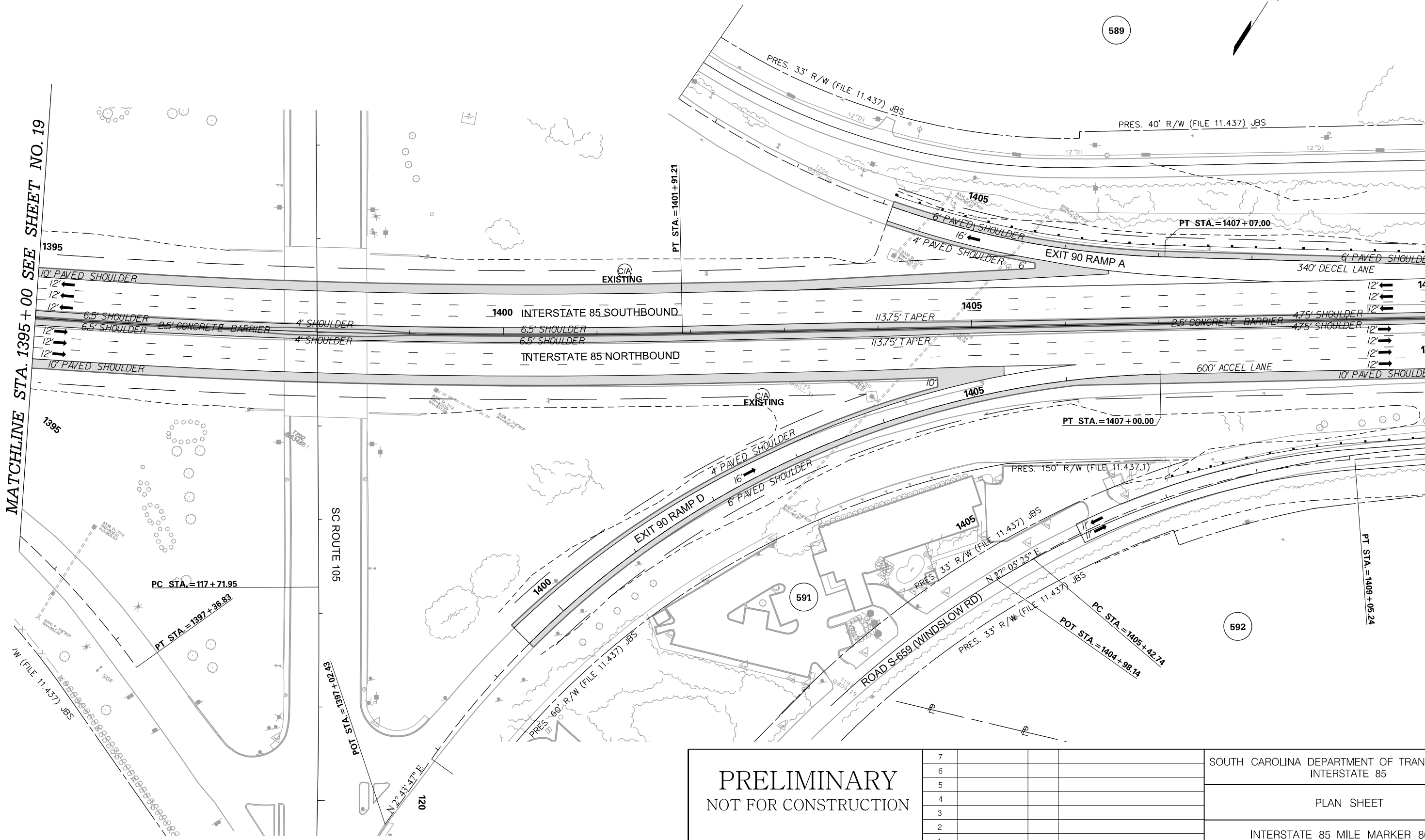
PLAN SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	20

MATCHLINE STA. 1395 + 00 SEE SHEET NO. 19

MATCHLINE STA. 1410 + 00 SEE SHEET NO. 21



PRELIMINARY
NOT FOR CONSTRUCTION

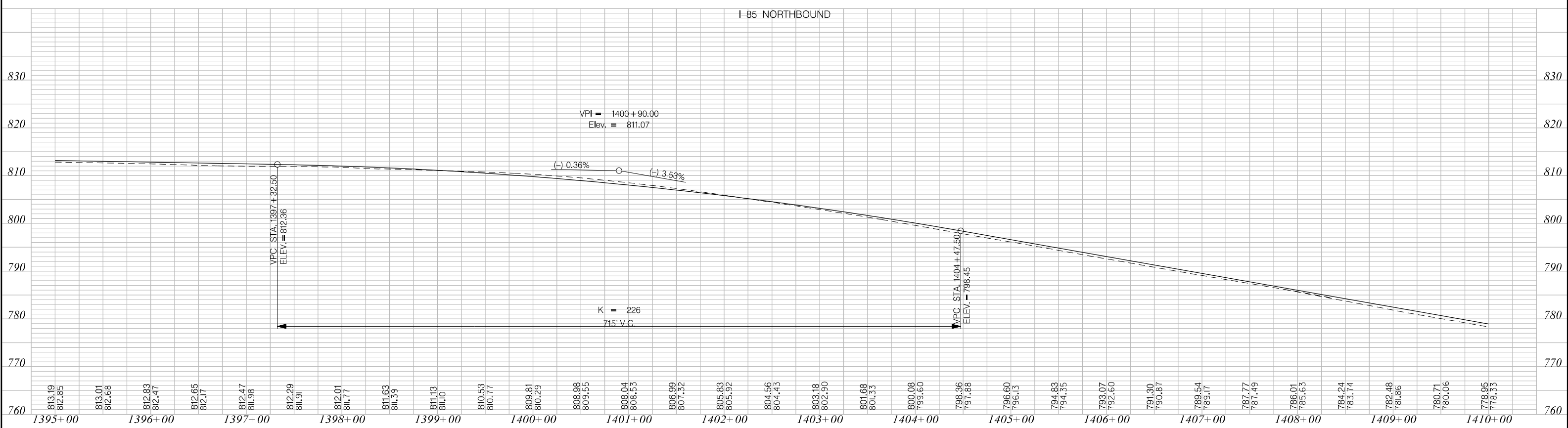
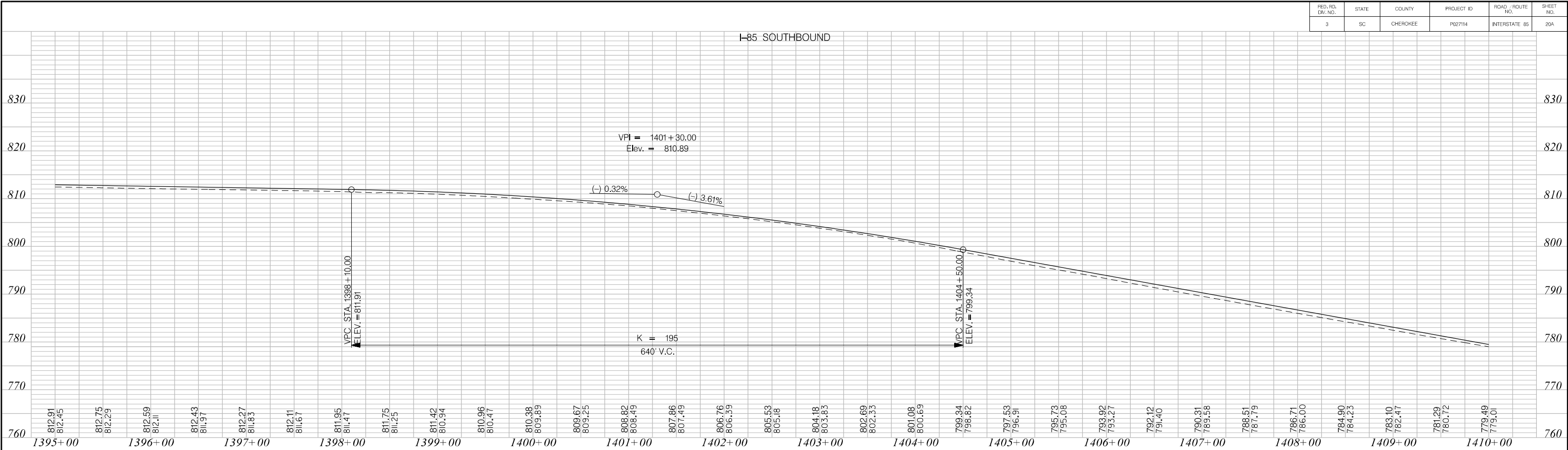
SCALE: 1" = 50'

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
PLAN SHEET
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B

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3/24/2016

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	20A

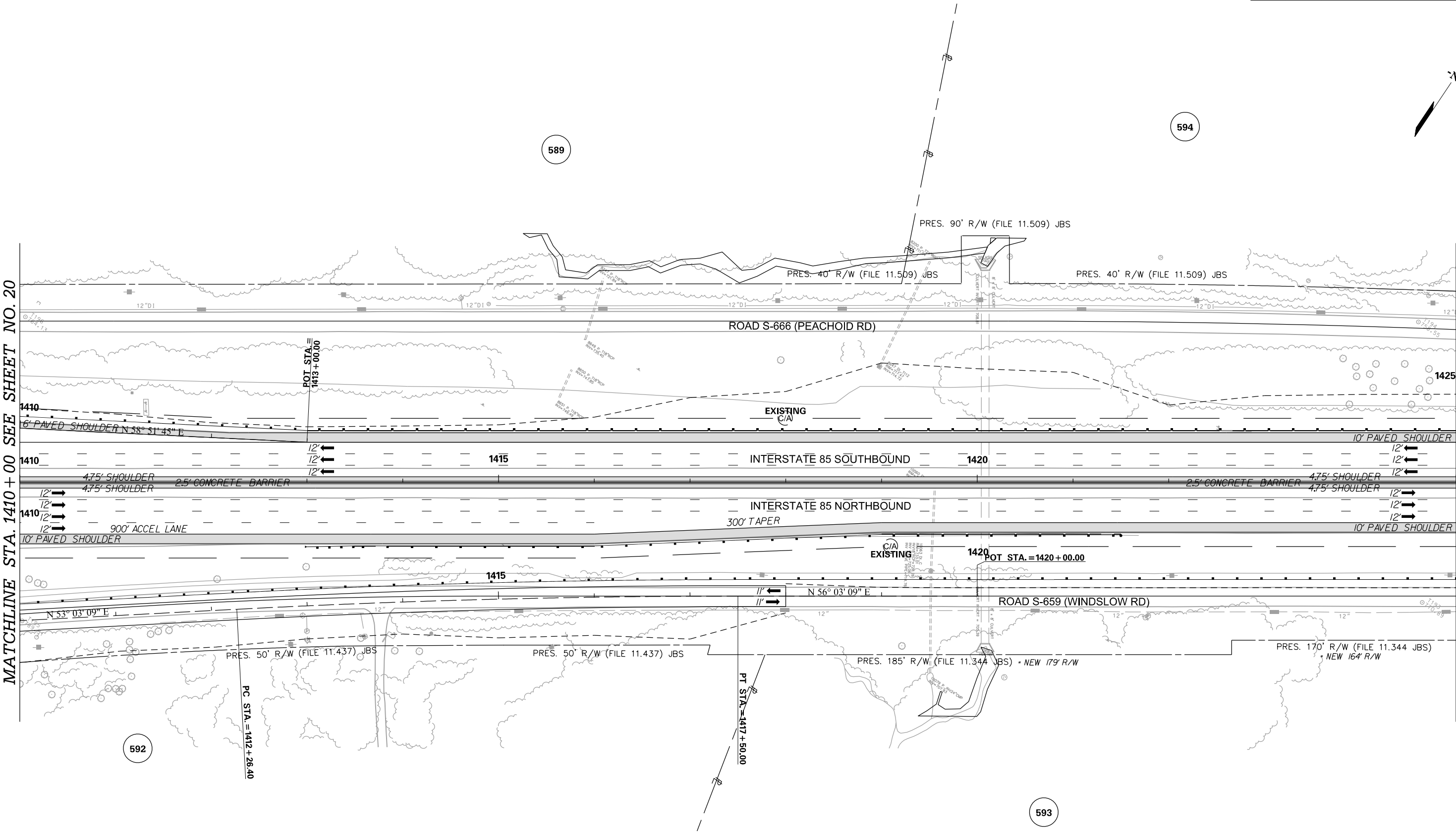


PRELIMINARY NOT FOR CONSTRUCTION		7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
		6				
		5				PROFILE SHEET
		4				
		3				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
SCALE: 1" = 50' HORIZ /10' VERT (TYP)		2				
		1				
REV. NO.	BY	DATE	DESCRIPTION OF REVISION			

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	21

MATCHLINE STA. 1410 + 00 SEE SHEET NO. 20

MATCHLINE STA. 1425 + 00 SEE SHEET NO. 22



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

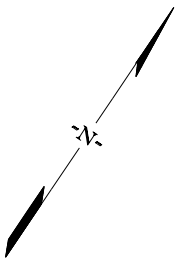
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PLAN SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

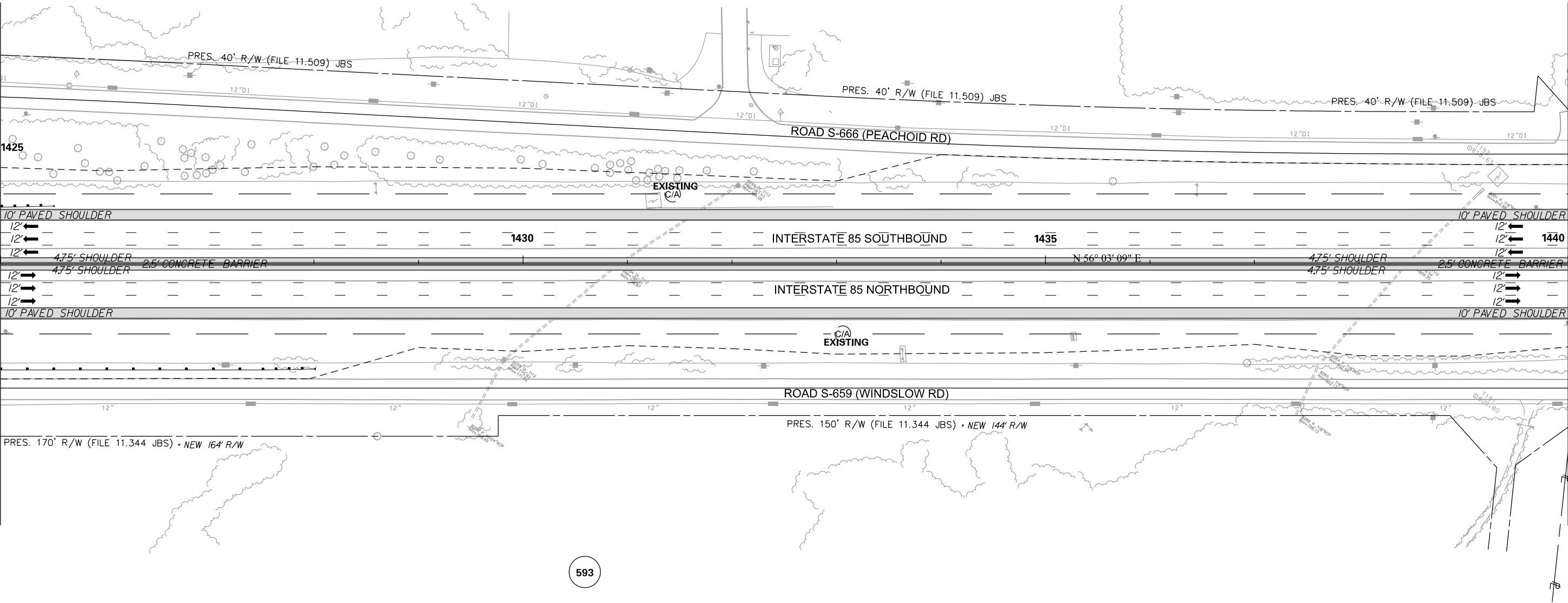
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	22



594

MATCHLINE STA. 1425 + 00 SEE SHEET NO. 21

MATCHLINE STA. 1440 + 00 SEE SHEET NO. 23



593

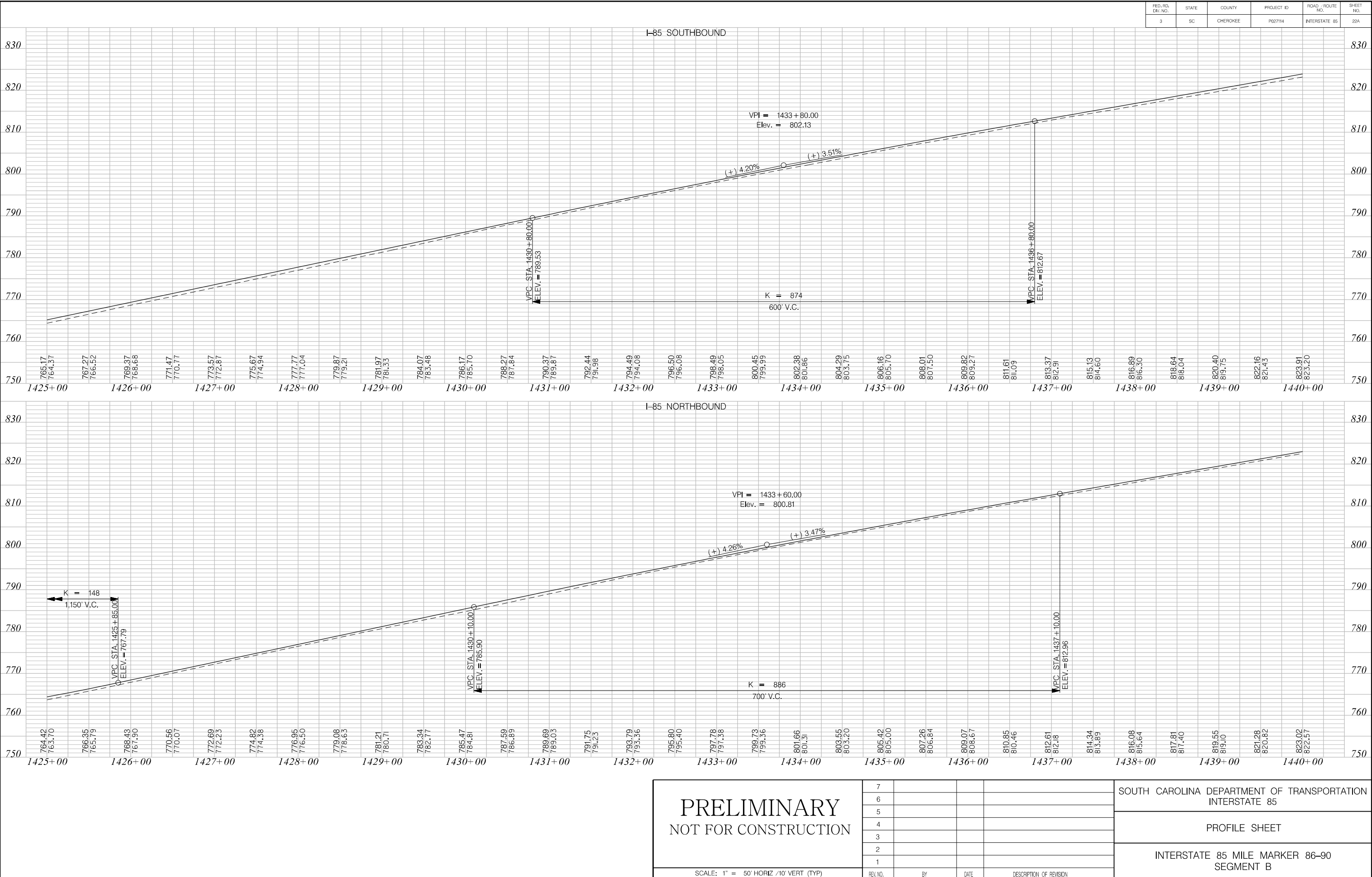
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
PLAN SHEET
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B

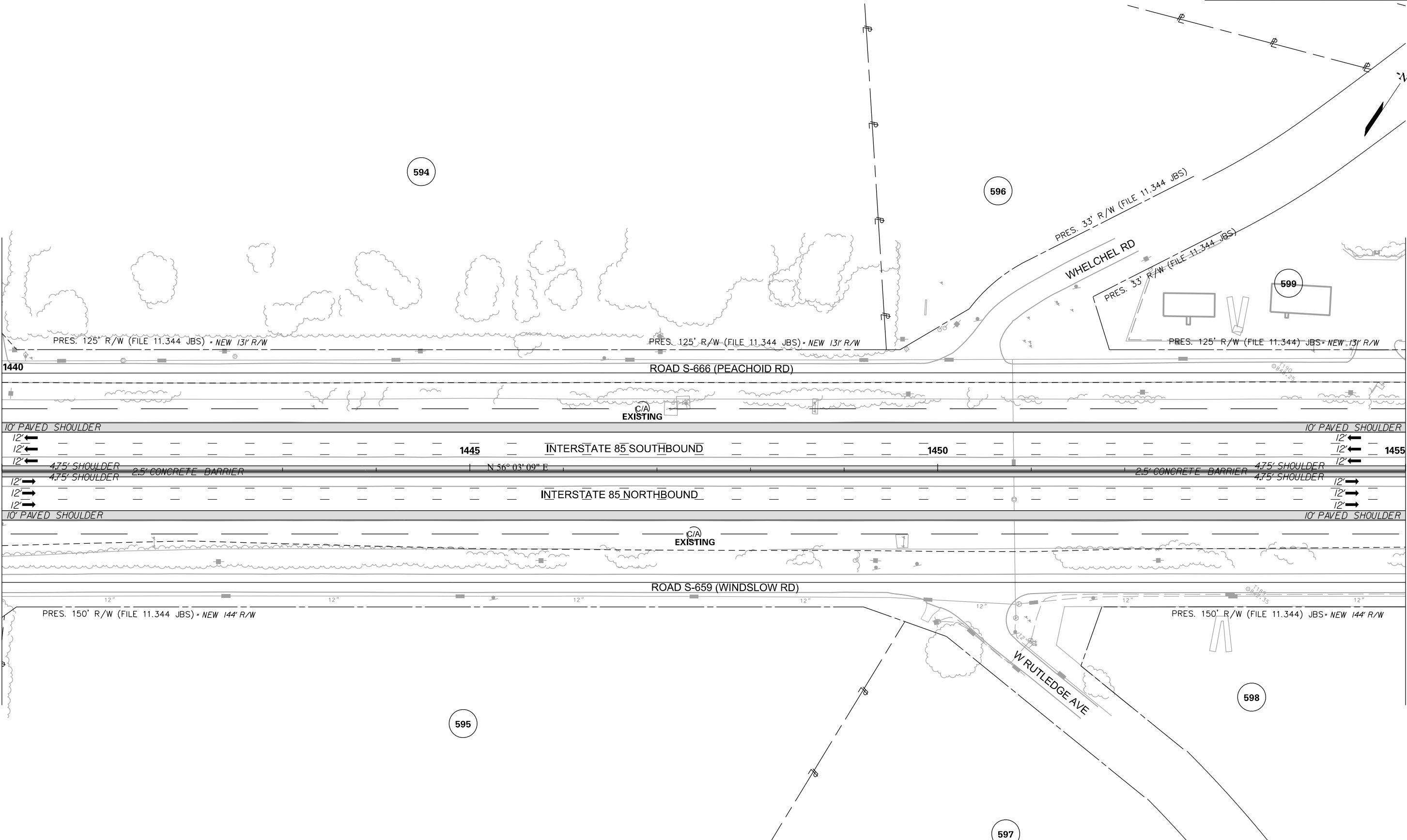
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3/24/2016



FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	23

MATCHLINE STA. 1440 + 00 SEE SHEET NO. 22

MATCHLINE STA. 1455 + 00 SEE SHEET NO. 24



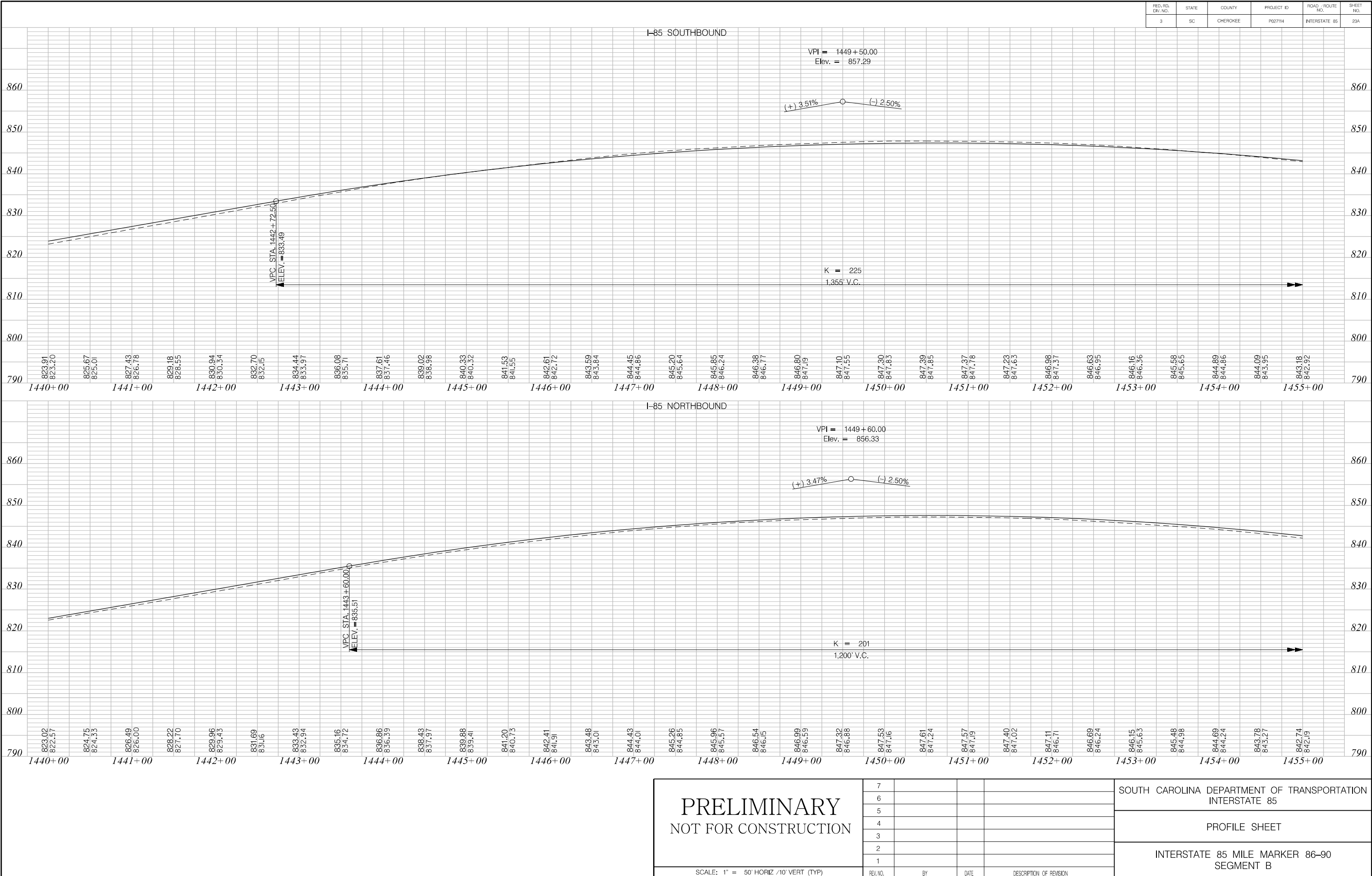
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
PLAN SHEET
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B

X:\3286900\41416.0\XXXXX (SCDOT Number)\roadway\sheets\SHT_B_23A.dgn
3/24/2016

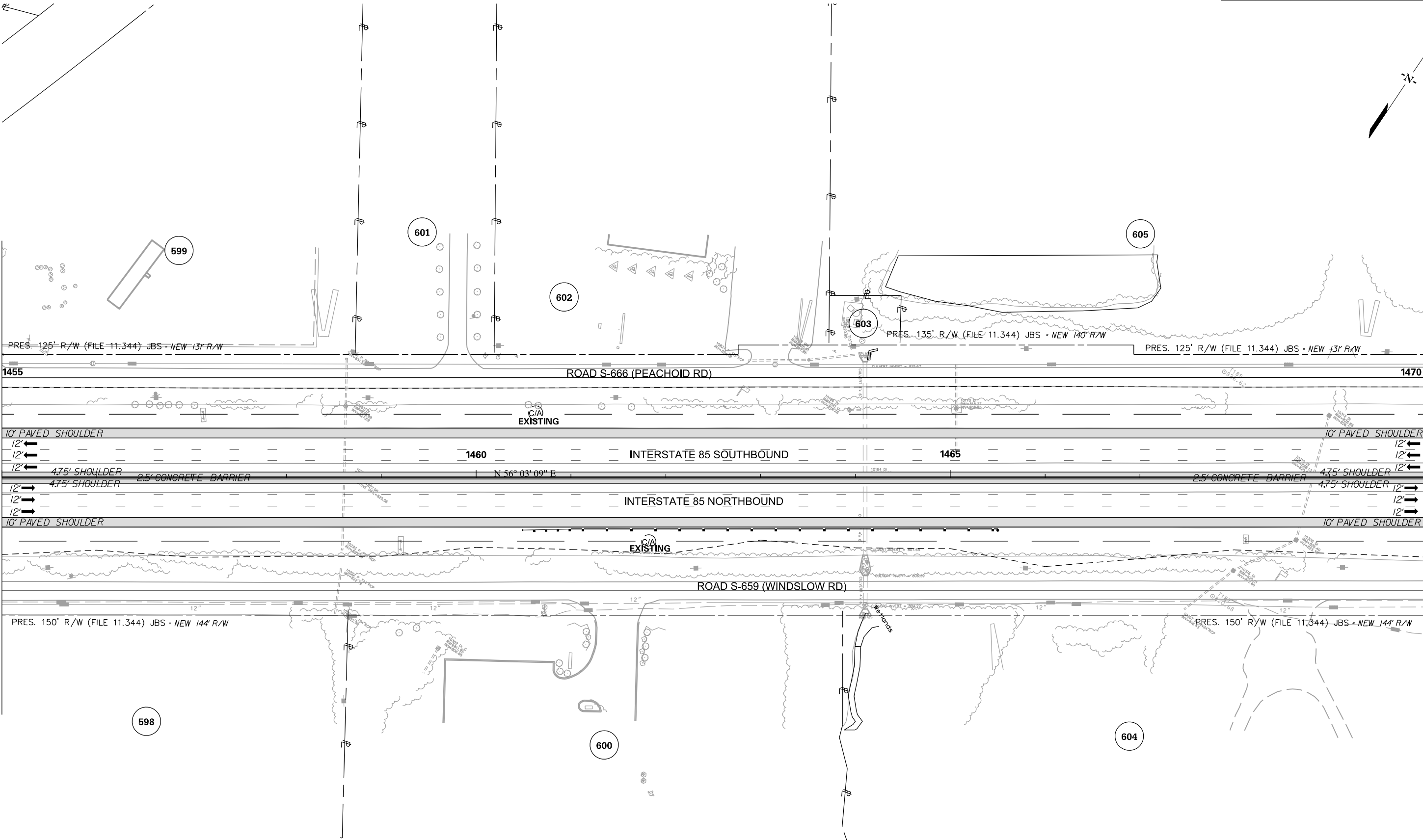


FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	24

X:\3286900\41416.0\XXXXX (SCDOT Number)\roadway\sheets\SHT_B_24.dgn
3/24/2016

MATCHLINE STA. 1455 + 00 SEE SHEET NO. 23

MATCHLINE STA. 1470 + 00 SEE SHEET NO. 25



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

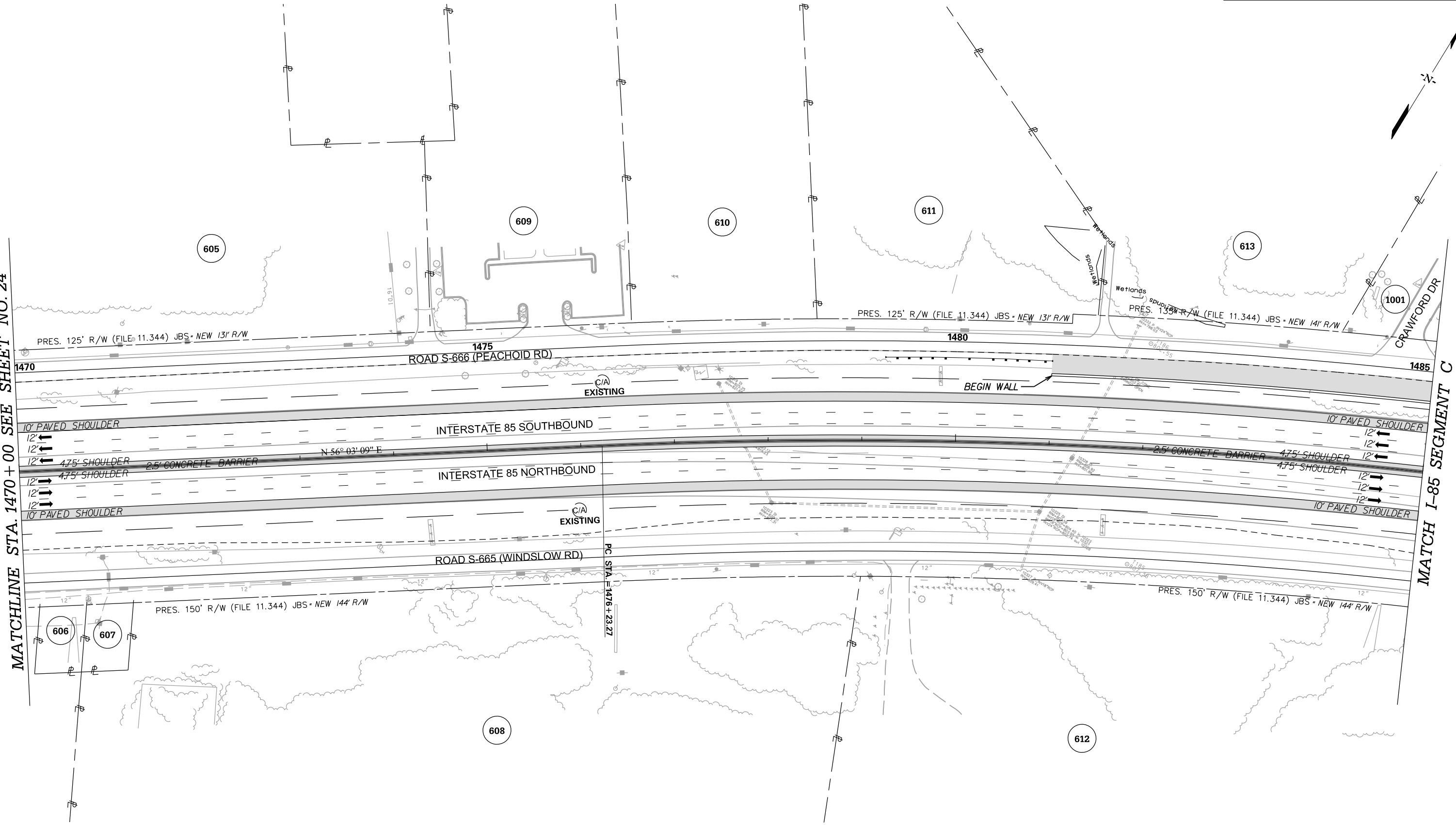
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PLAN SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	25

MATCHLINE STA. 1470+00 SEE SHEET NO. 24



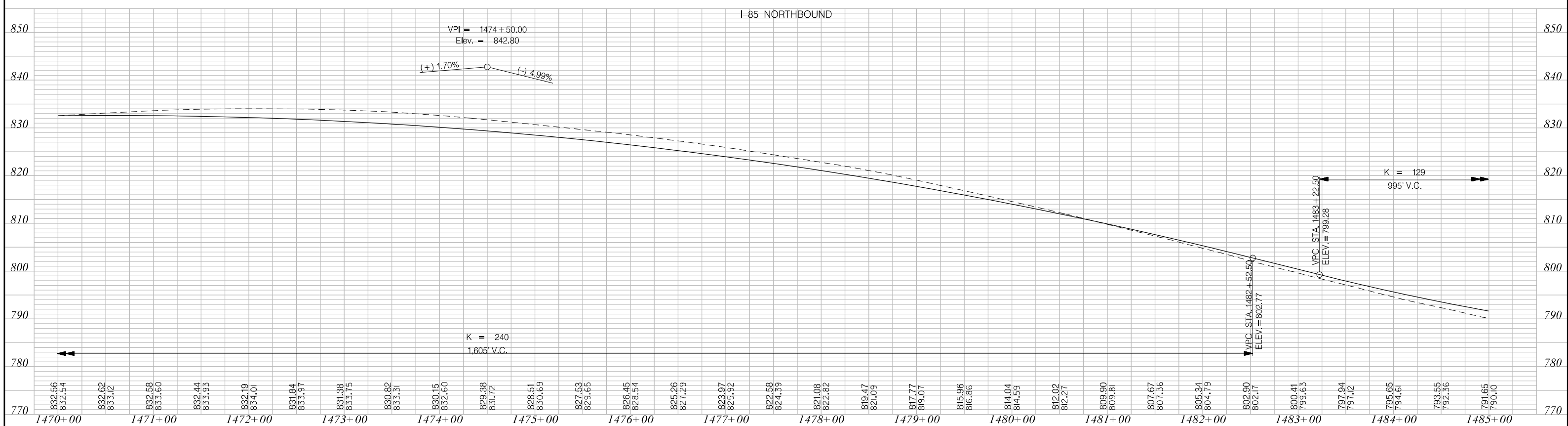
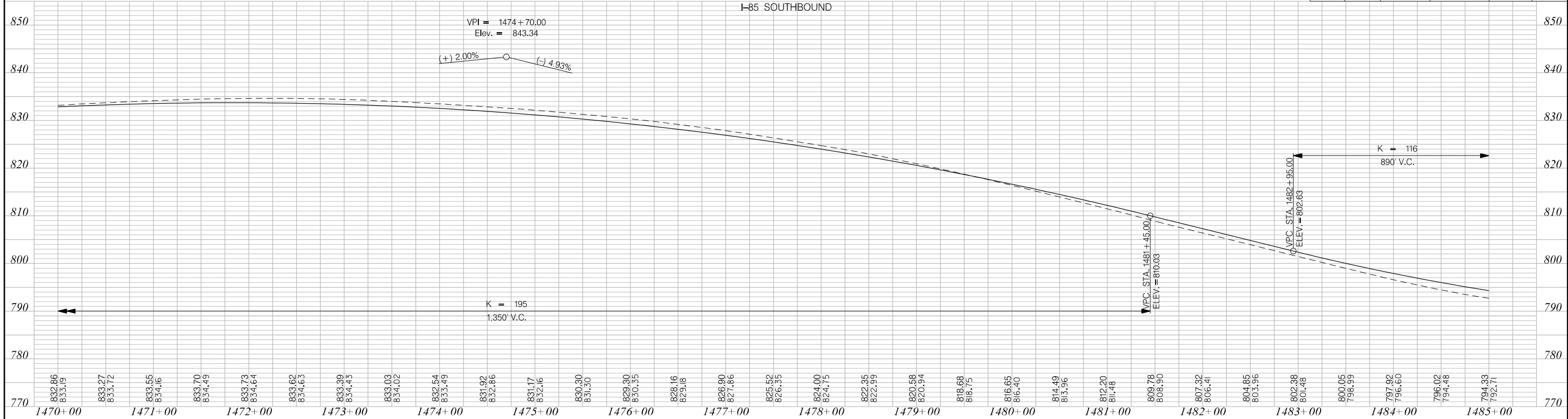
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
PLAN SHEET
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	25A



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ /10' VERT (TYP)

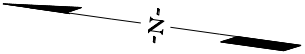
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	26



PRELIMINARY
NOT FOR CONSTRUCTION

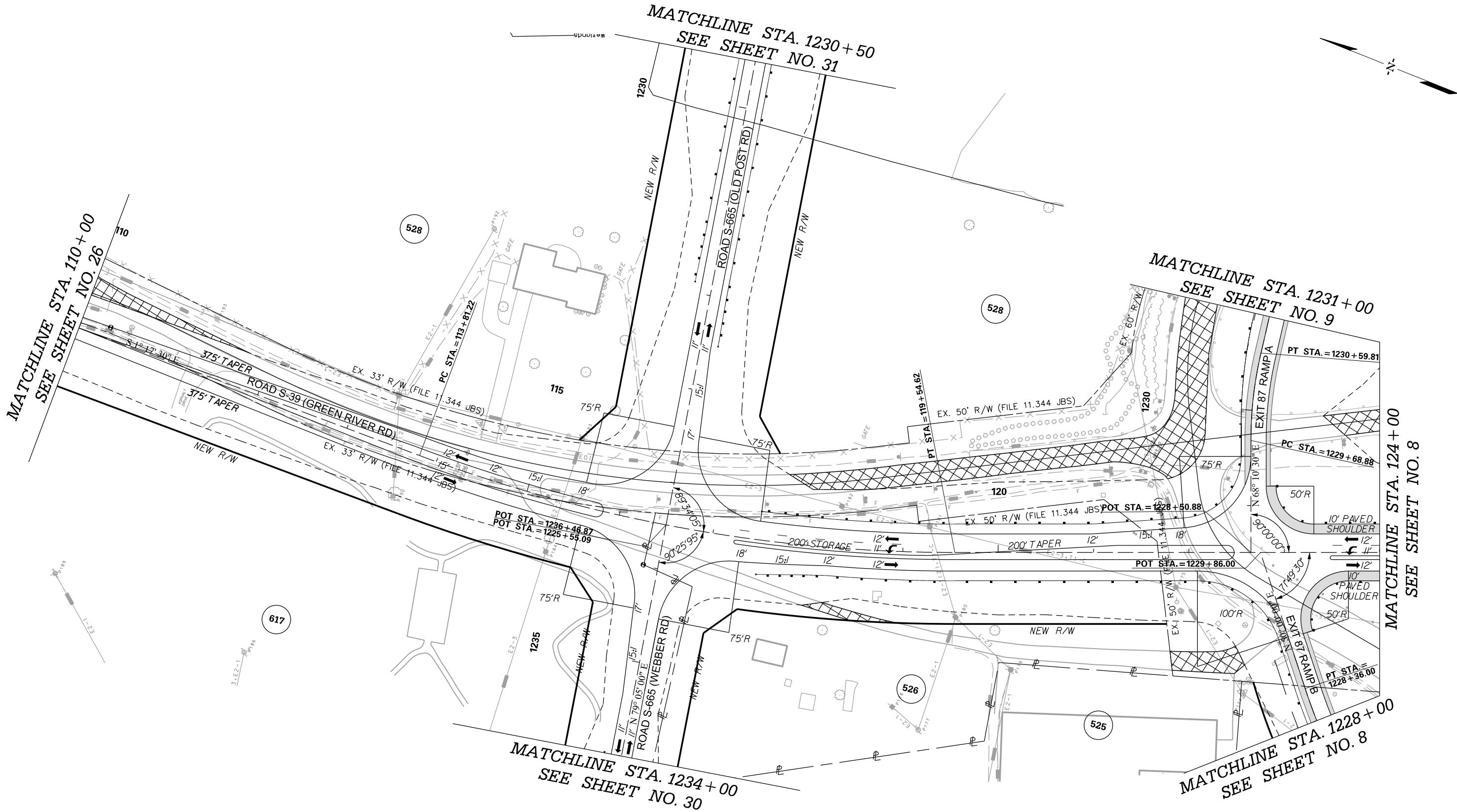
SCALE: 1" = 50'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

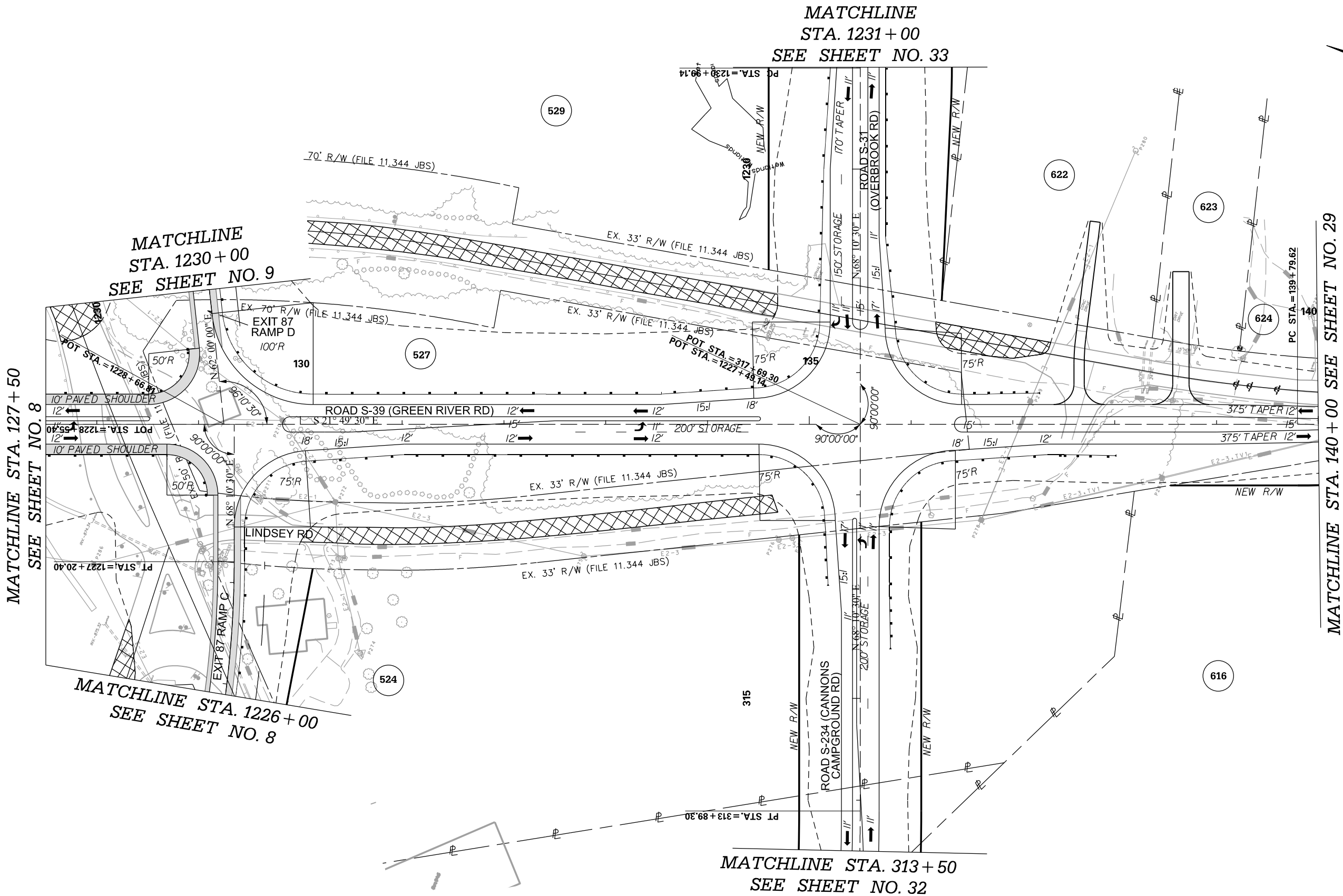
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PLAN SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

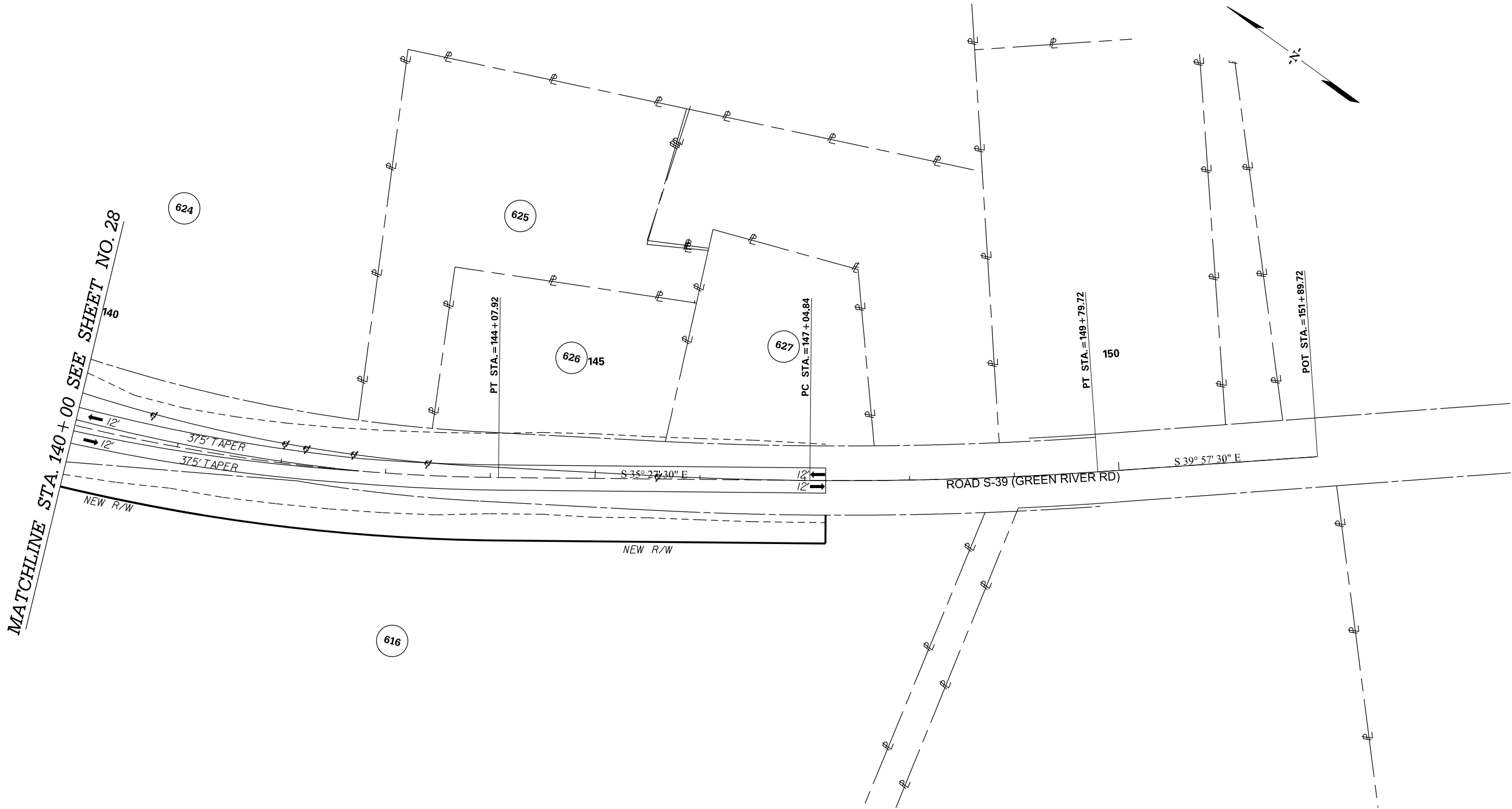


PRELIMINARY NOT FOR CONSTRUCTION	7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
	6				
	5				PLAN SHEET
	4				
	3				
	2				INTERSTATE 85 MILE MARKER 86–90 SEGMENT B
	1				
SCALE: 1" = 50'	REV.NO.	BY	DATE	DESCRIPTION OF REVISION	



PRELIMINARY NOT FOR CONSTRUCTION		7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
		6				
		5				PLAN SHEET
		4				
		3				
		2				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
		1				
SCALE: 1" = 50'		REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	29



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

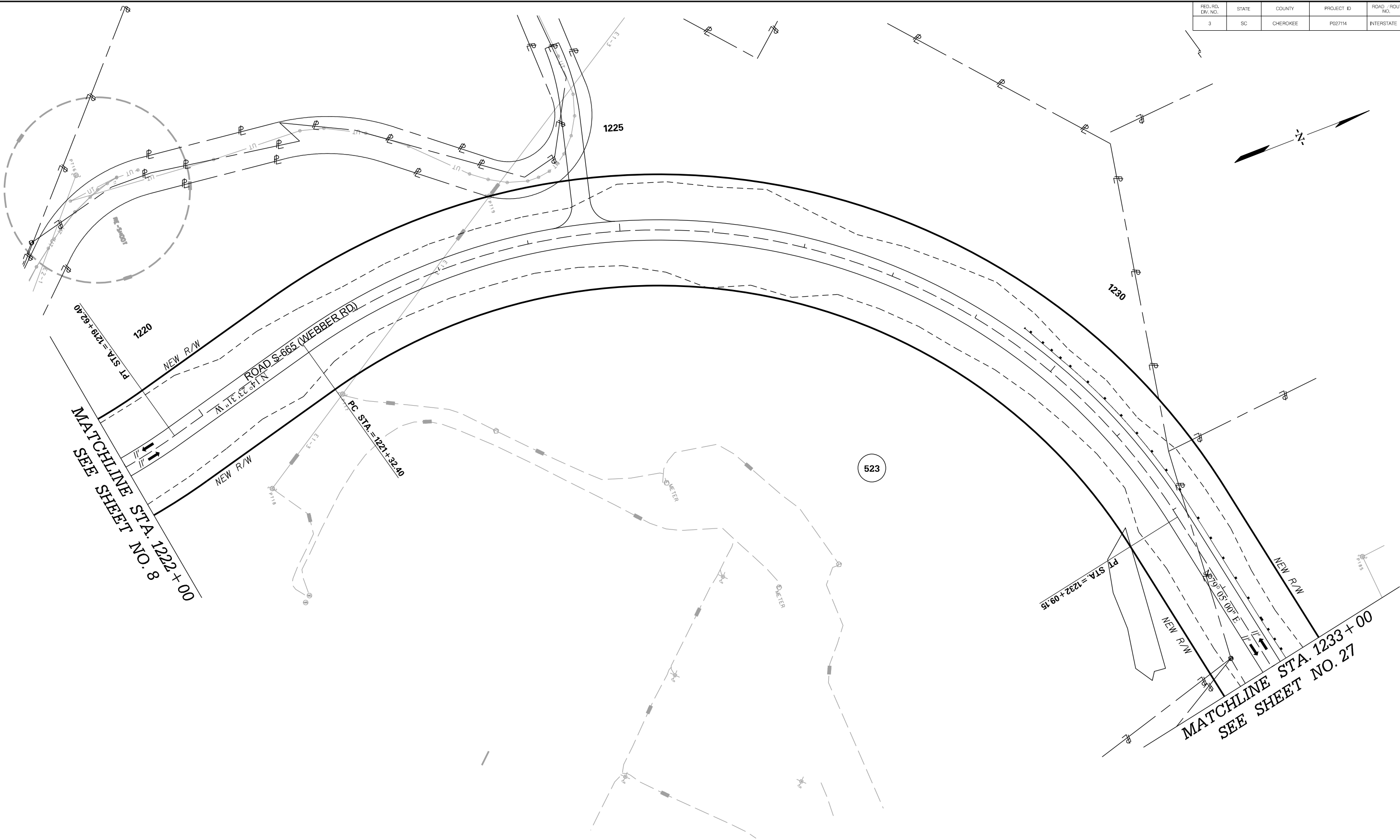
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PLAN SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

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3/24/2016

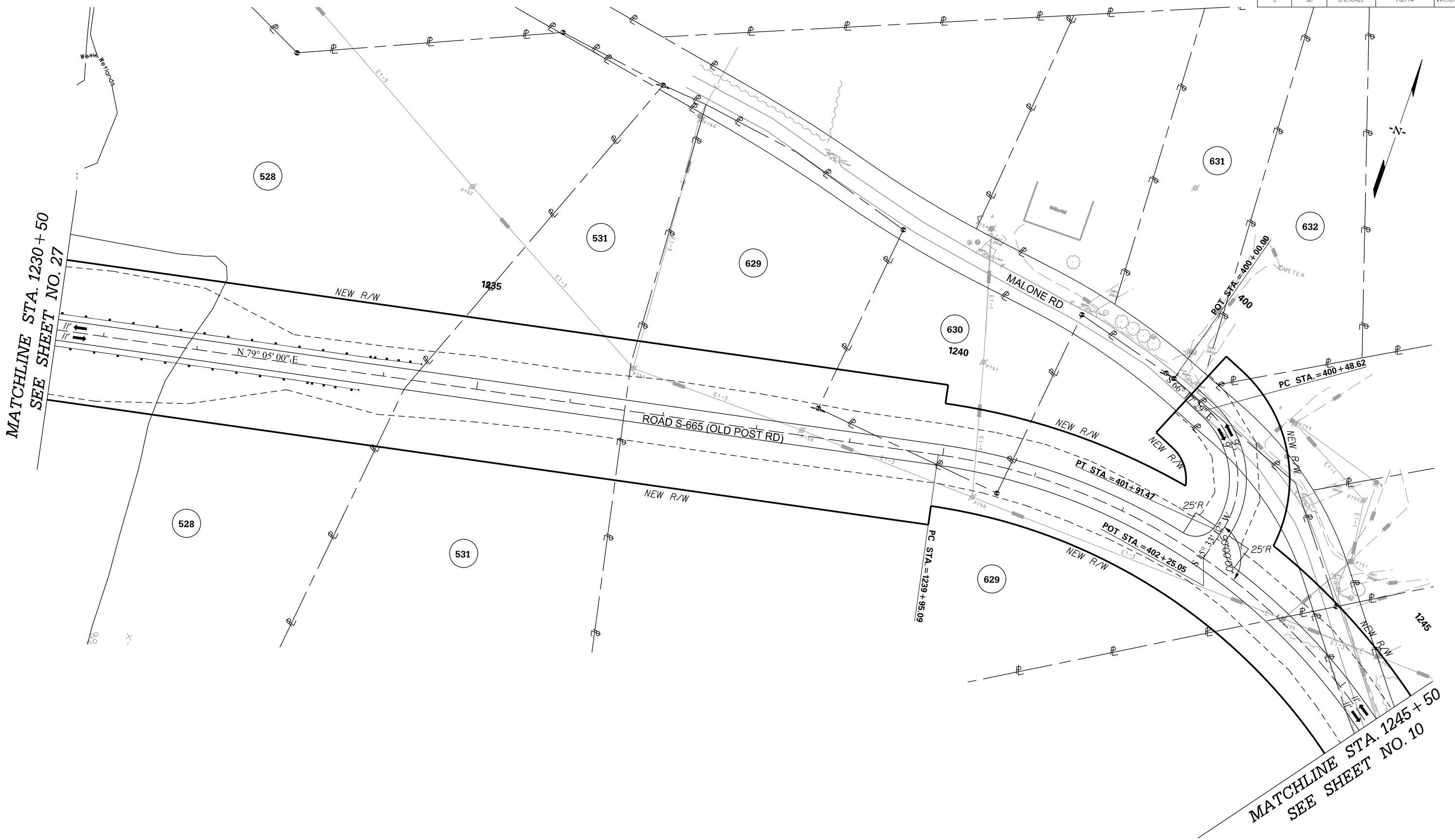
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	30



PRELIMINARY NOT FOR CONSTRUCTION	7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
	6				
	5				PLAN SHEET
	4				
	3				
	2				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
	1				
SCALE: 1" = 50'	REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	31

MATCHLINE STA. 1230+50
SEE SHEET NO. 27



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

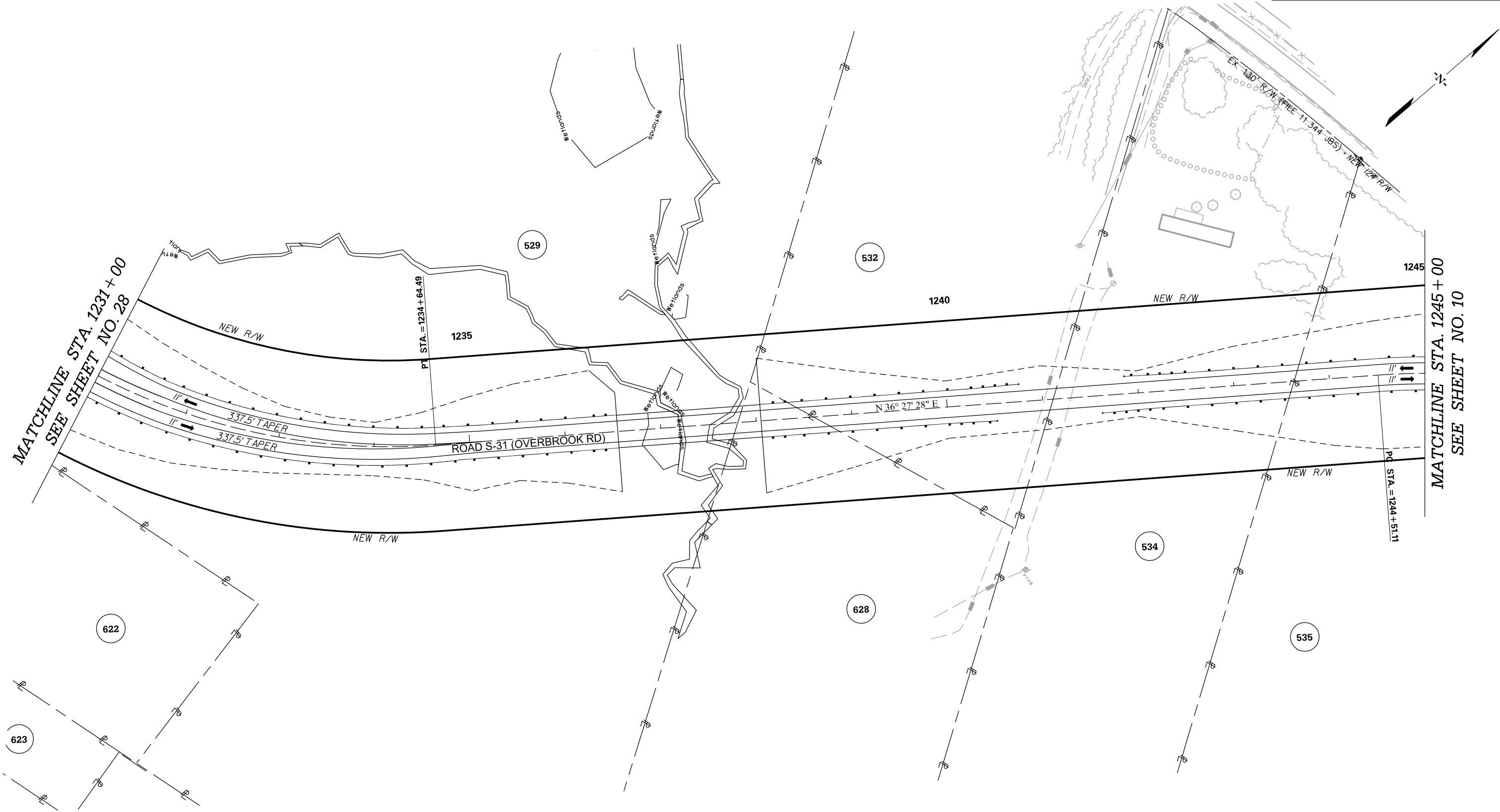
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PLAN SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	33



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50'

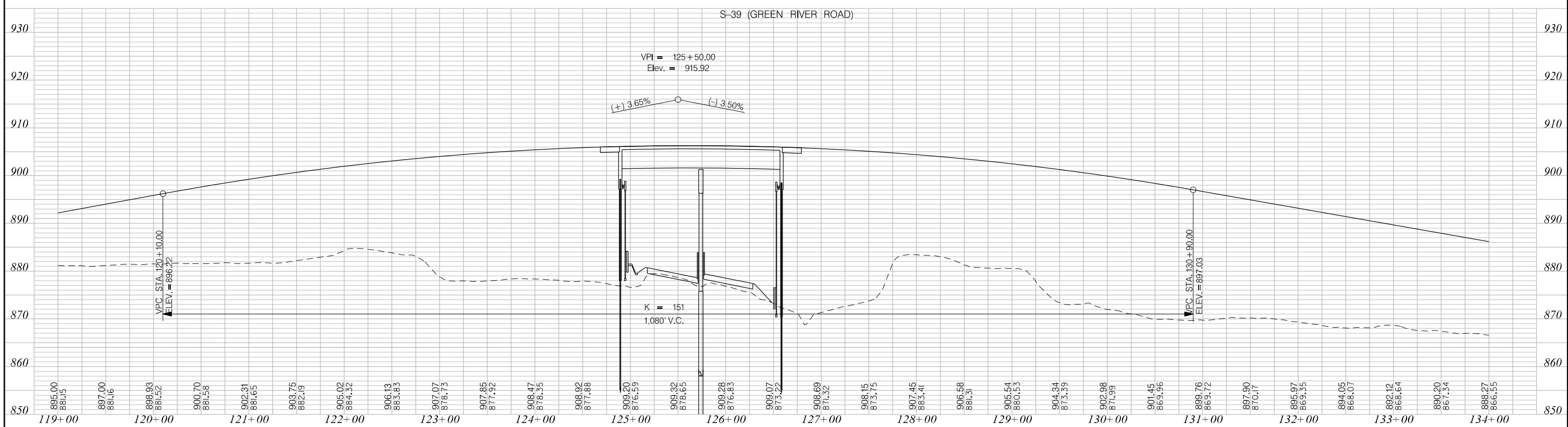
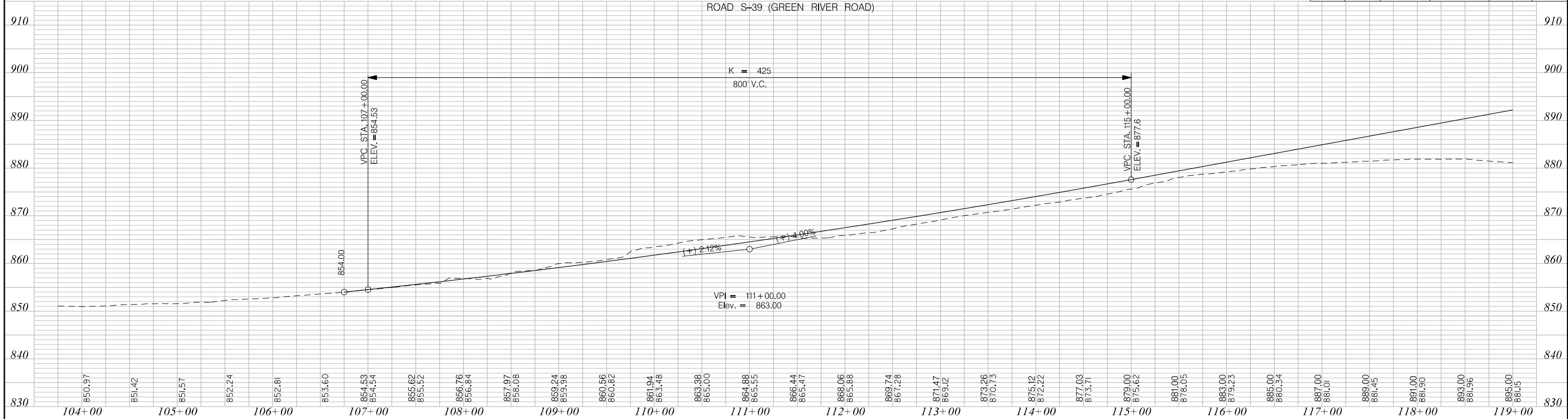
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PLAN SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	35



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ /10' VERT (TYP.)

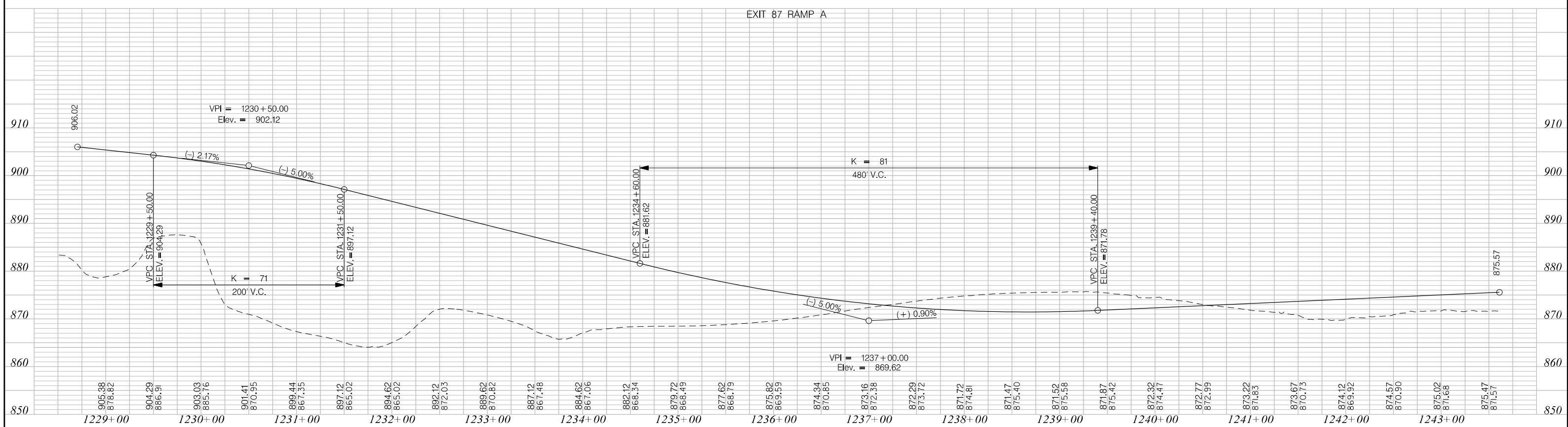
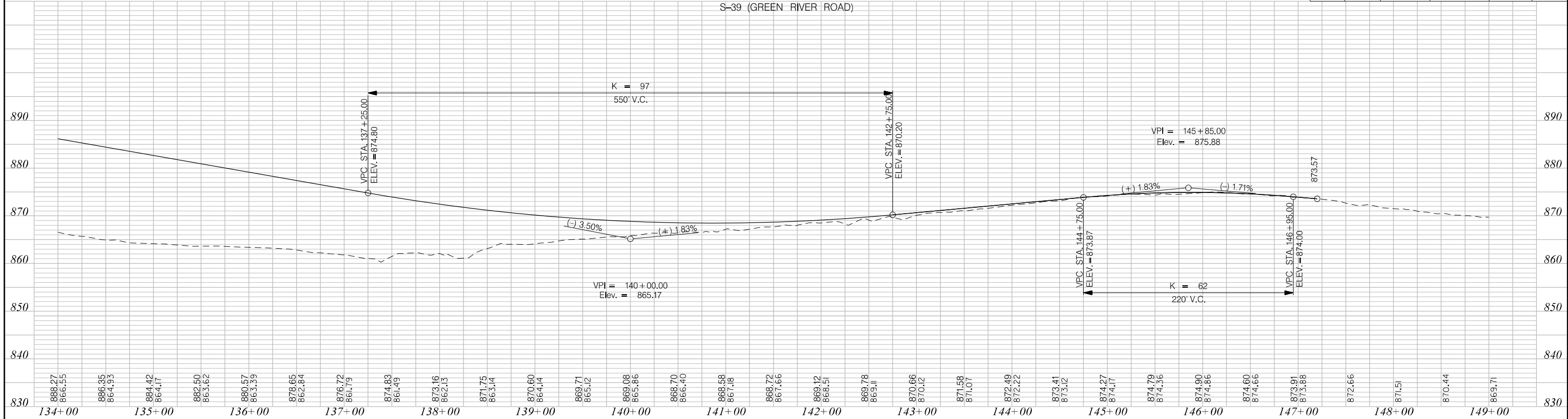
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	35



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ /10' VERT (TYP.)

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

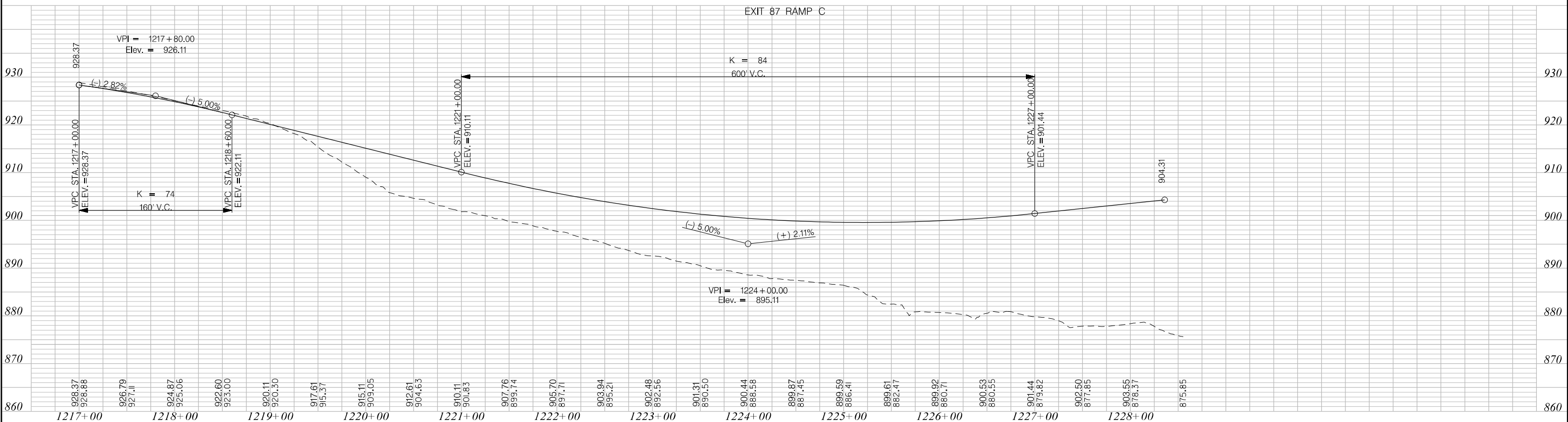
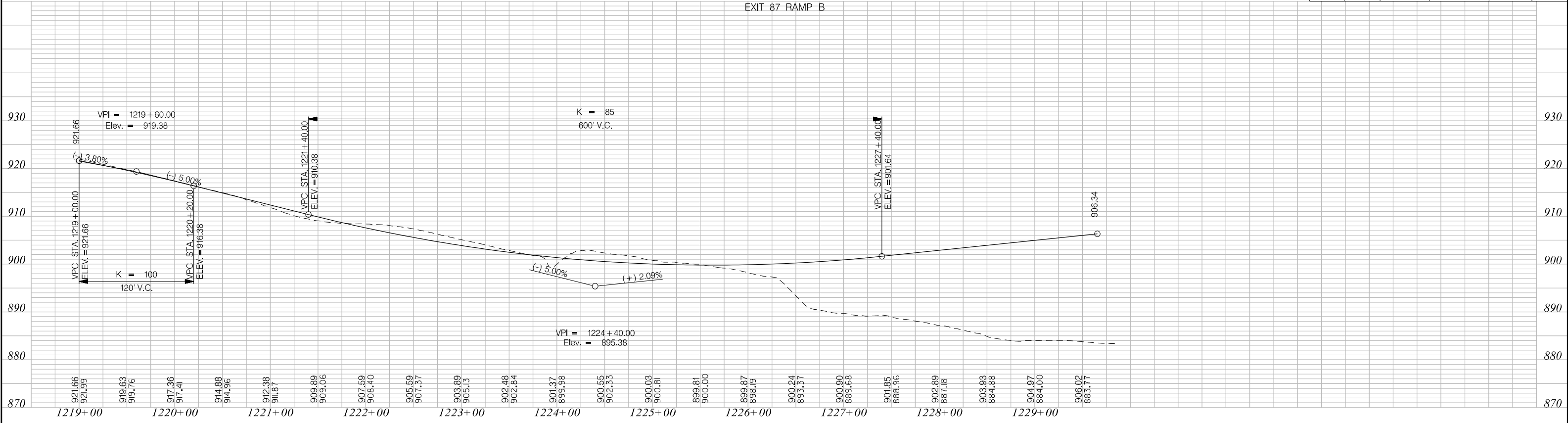
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

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3/24/2016

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	36



PRELIMINARY
NOT FOR CONSTRUCTION

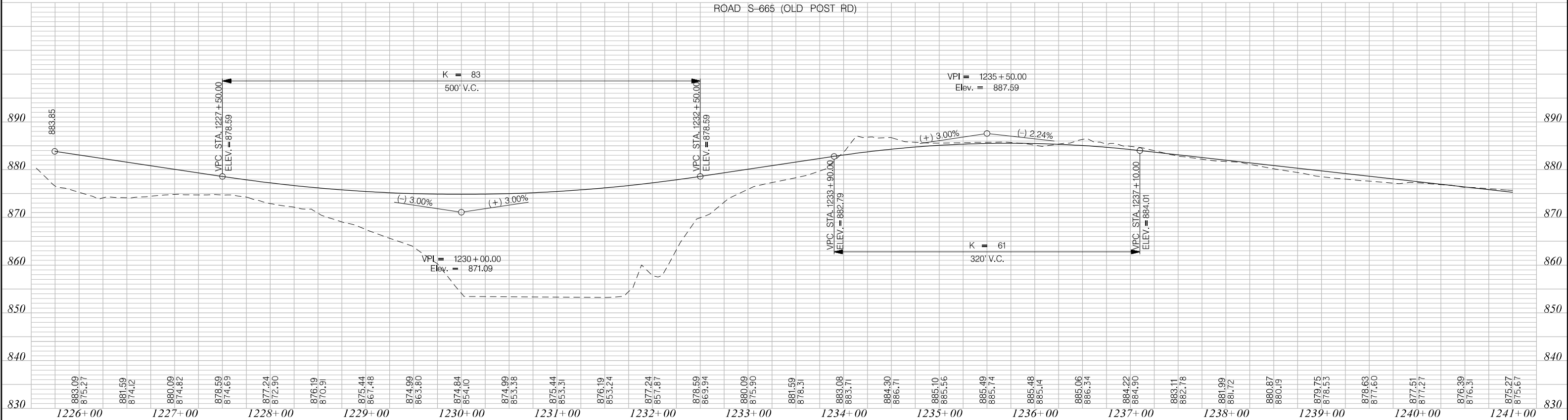
SCALE: 1" = 50' HORIZ /10' VERT (TYP.)

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85	
PROFILE SHEET	
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B	

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3/24/2016

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	37



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ / 10' VERT (TYP.)

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

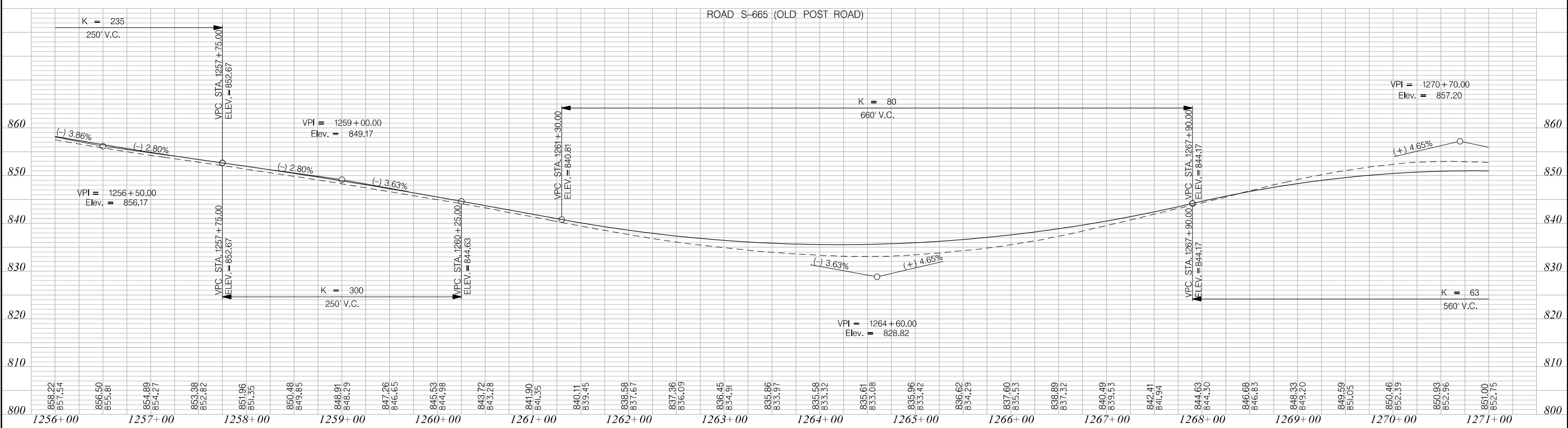
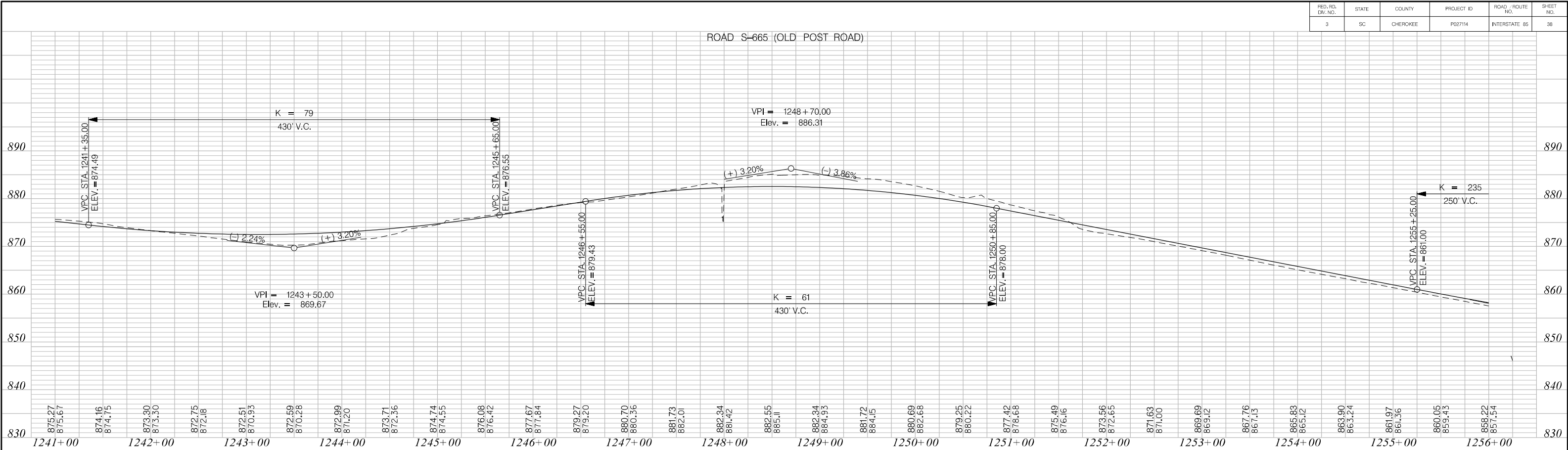
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

X:\3286900\41416.0\XXXXX (SCDOT Number)\roadway\sheets\SHT_B_38_87FRA.dgn
3/24/2016

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	38



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ / 10' VERT (TYP.)

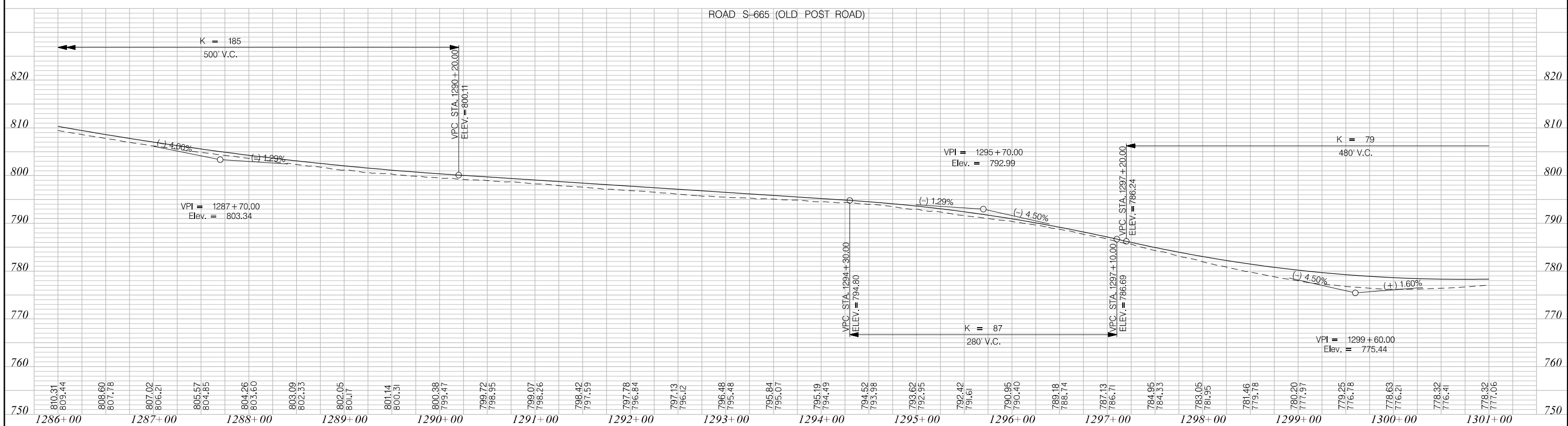
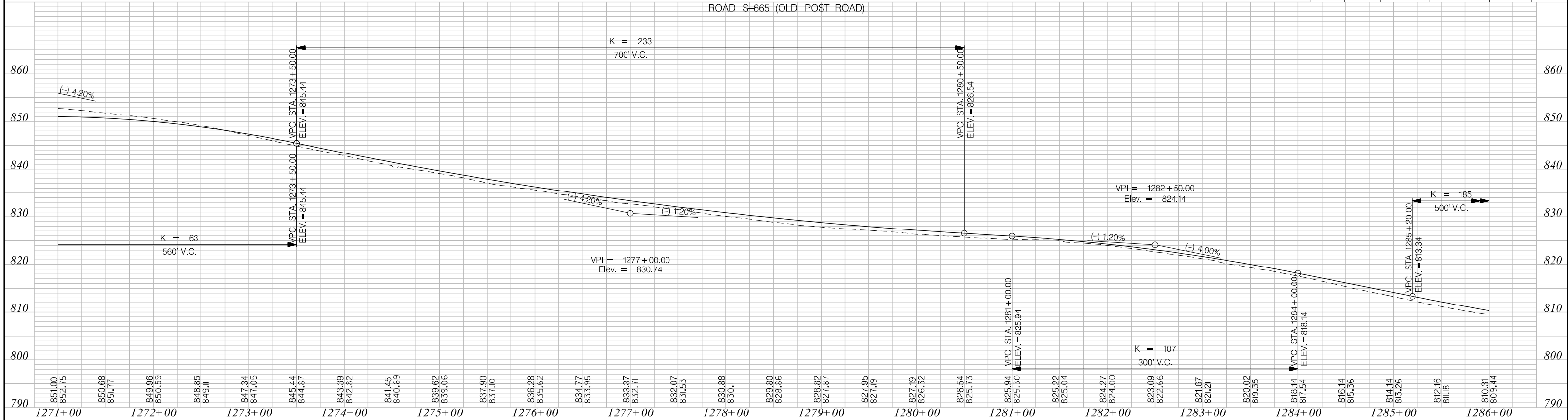
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	39



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ /10' VERT (TYP.)

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

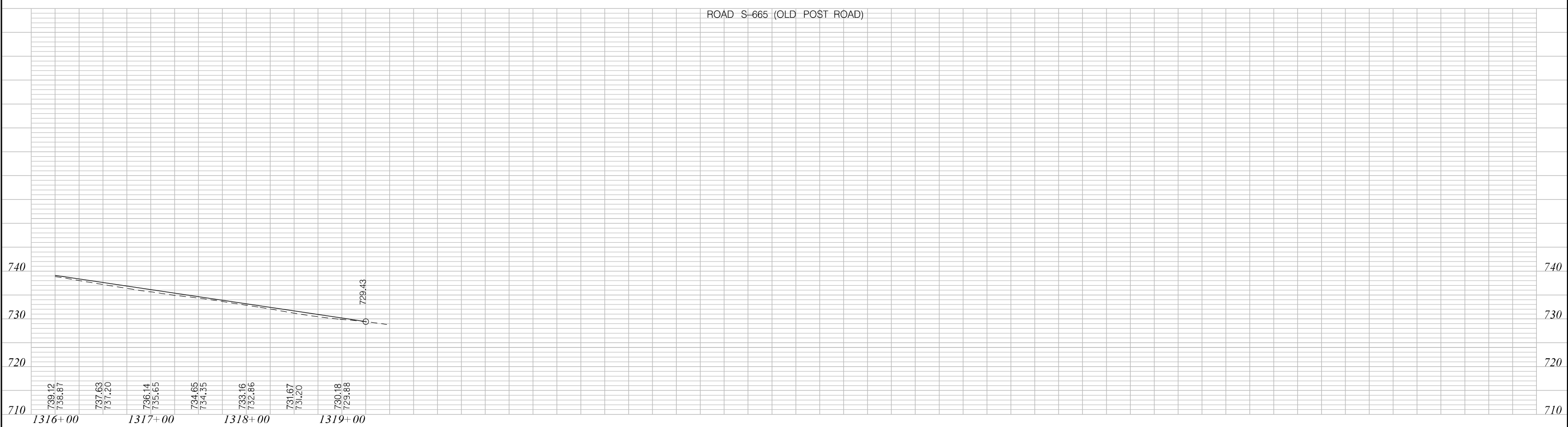
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

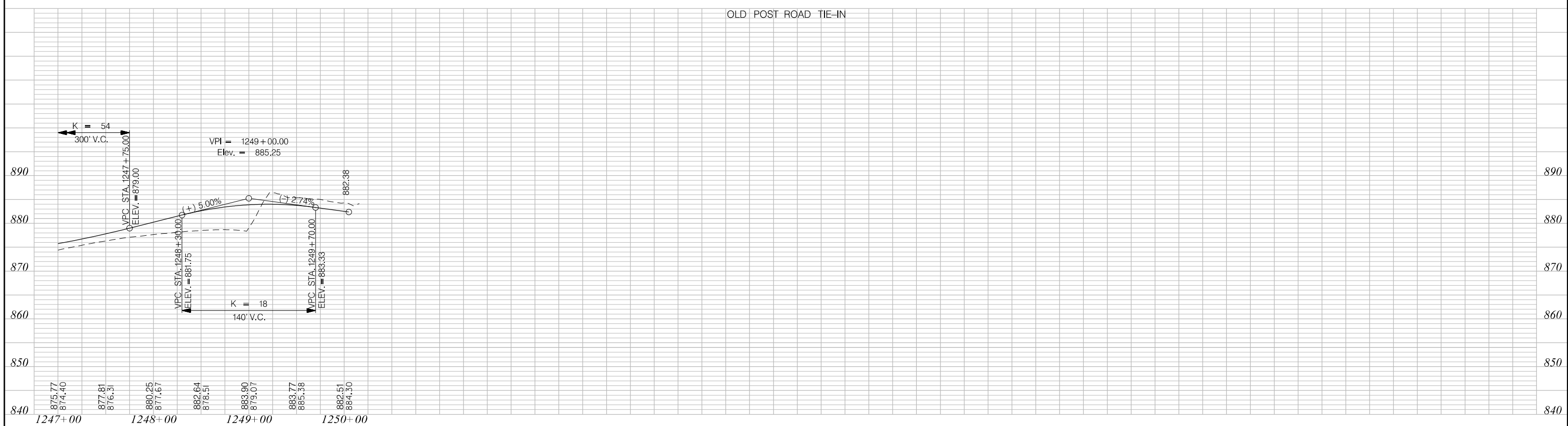
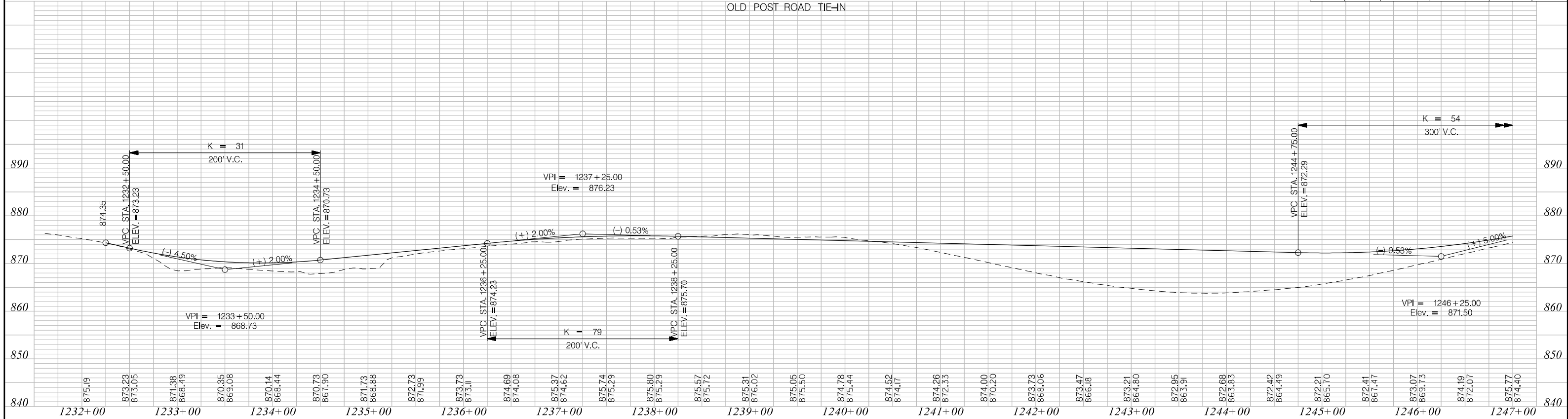
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3/24/2016

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	40



PRELIMINARY NOT FOR CONSTRUCTION	7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
	6				
	5				
	4				PROFILE SHEET
	3				
	2				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
SCALE: 1" = 50' HORIZ /10' VERT (TYP.)	1				
	REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	41



PRELIMINARY
NOT FOR CONSTRUCTION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

SCALE: 1" = 50' HORIZ /10' VERT (TYP.)

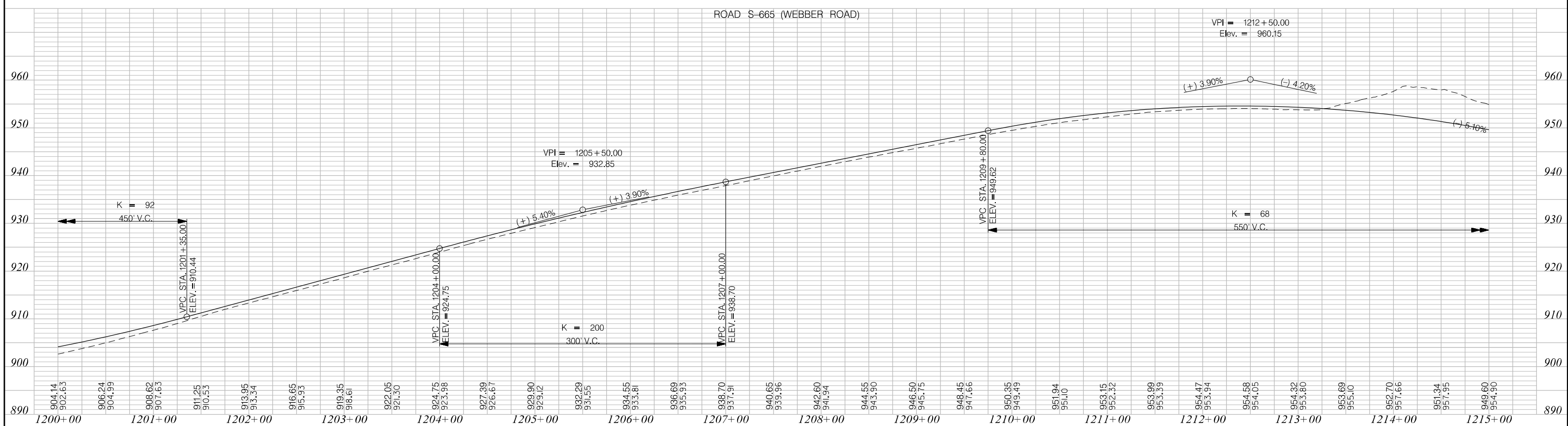
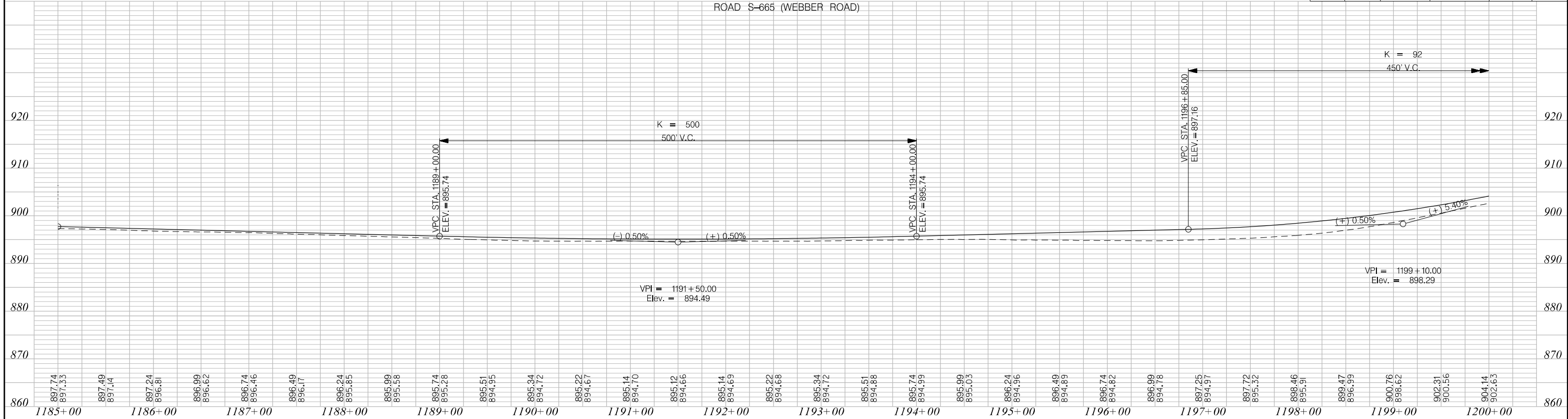
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DESCRIPTION OF REVISION

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	42



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ /10' VERT (TYP.)

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

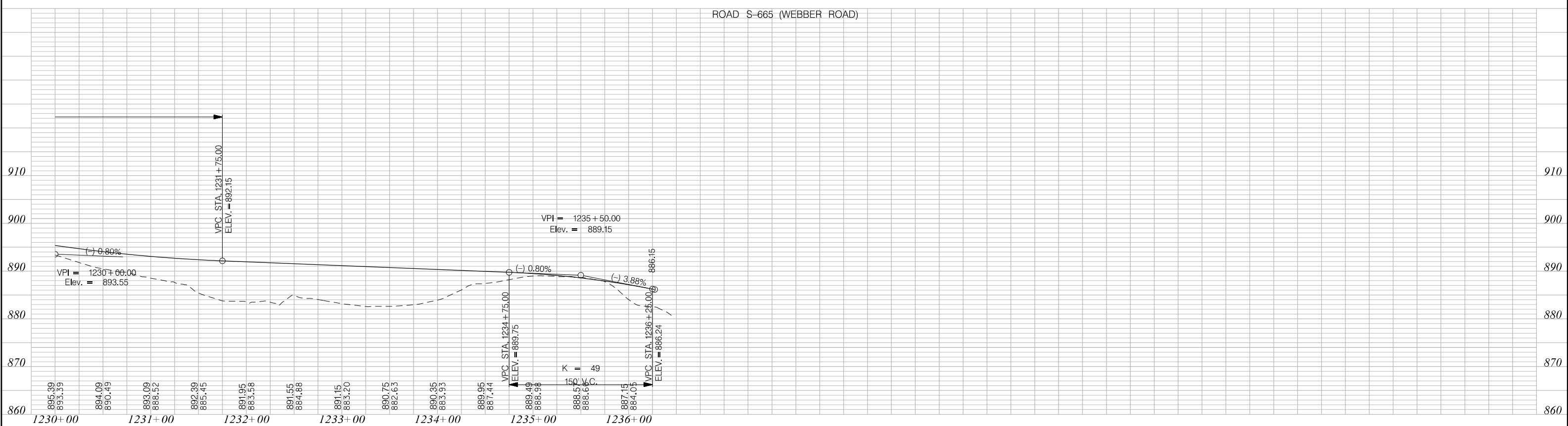
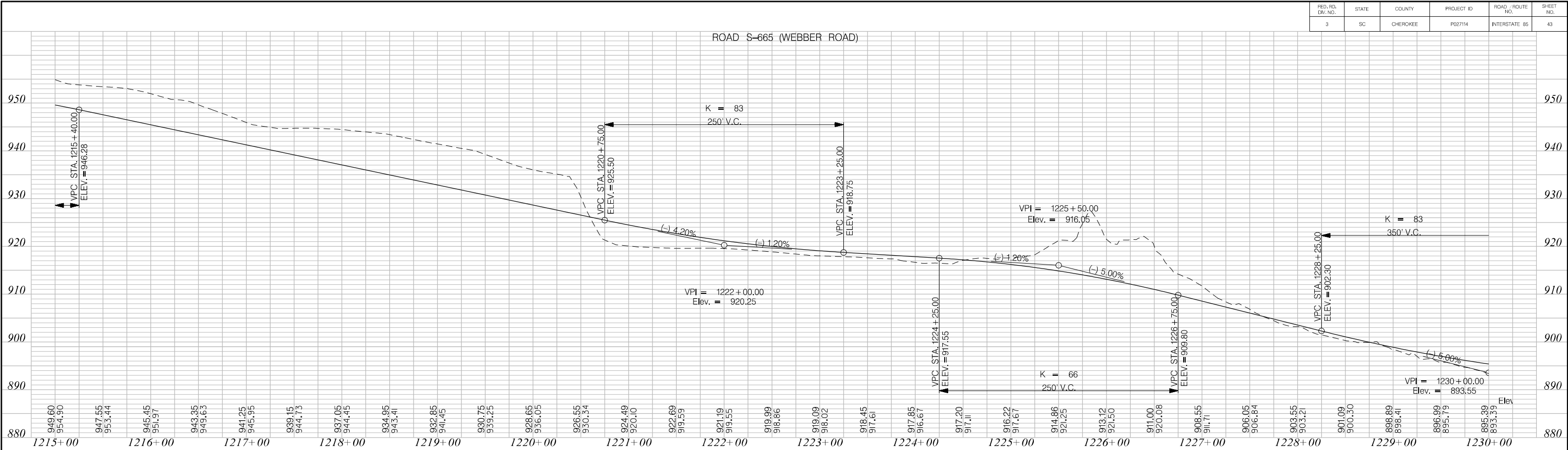
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

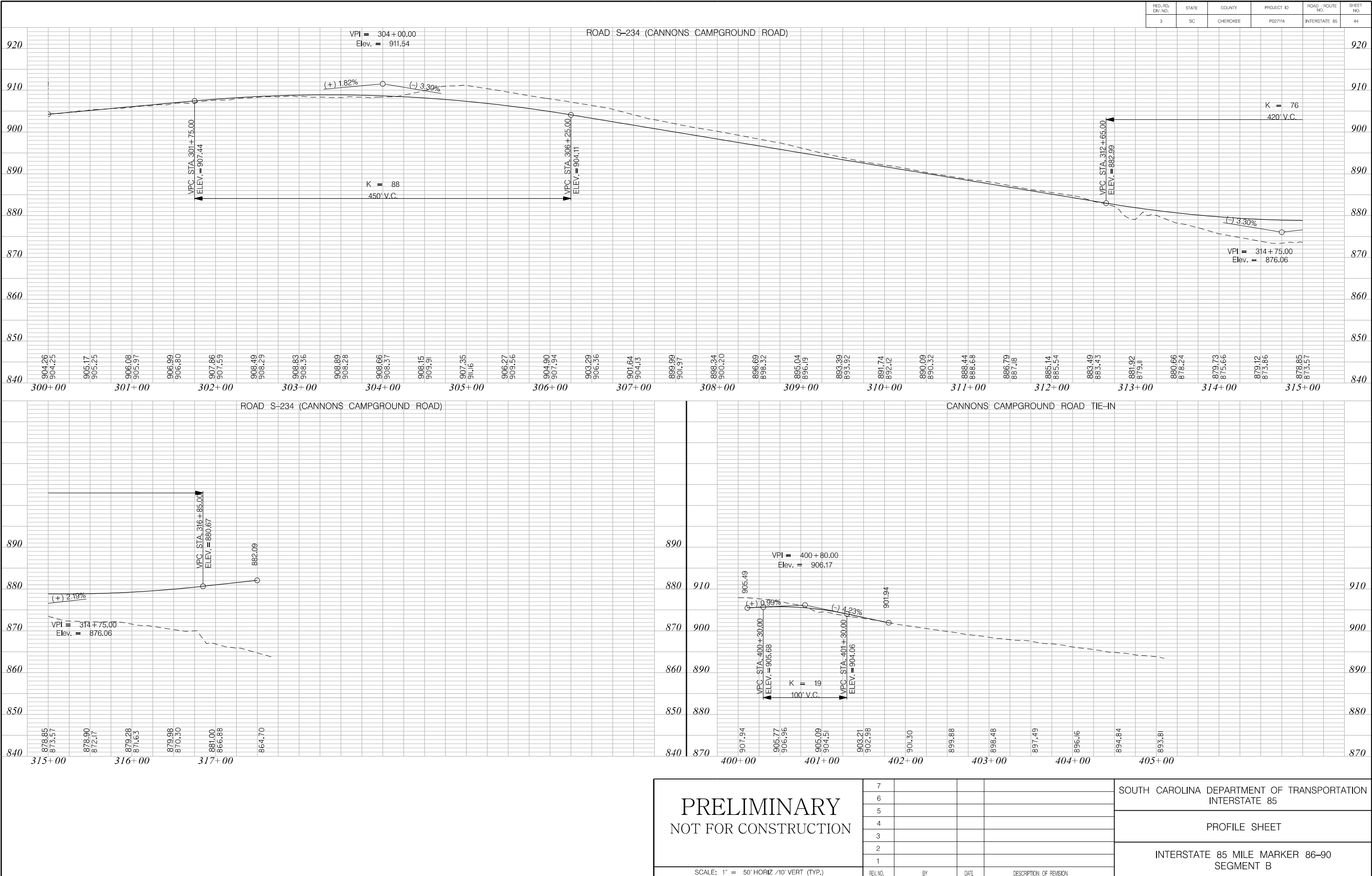
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3/24/2016

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	43

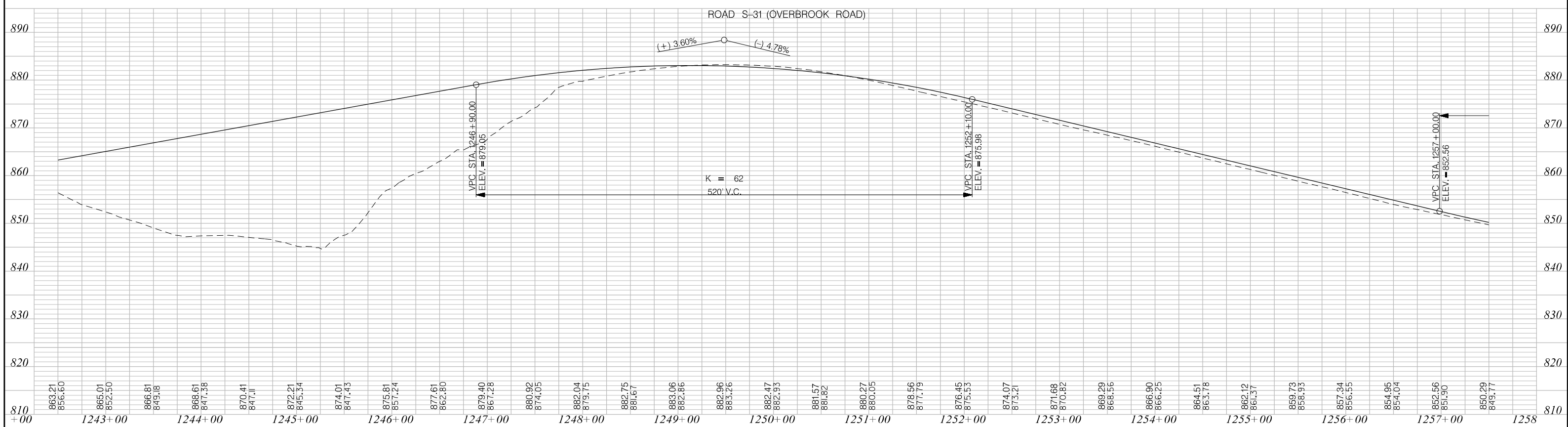
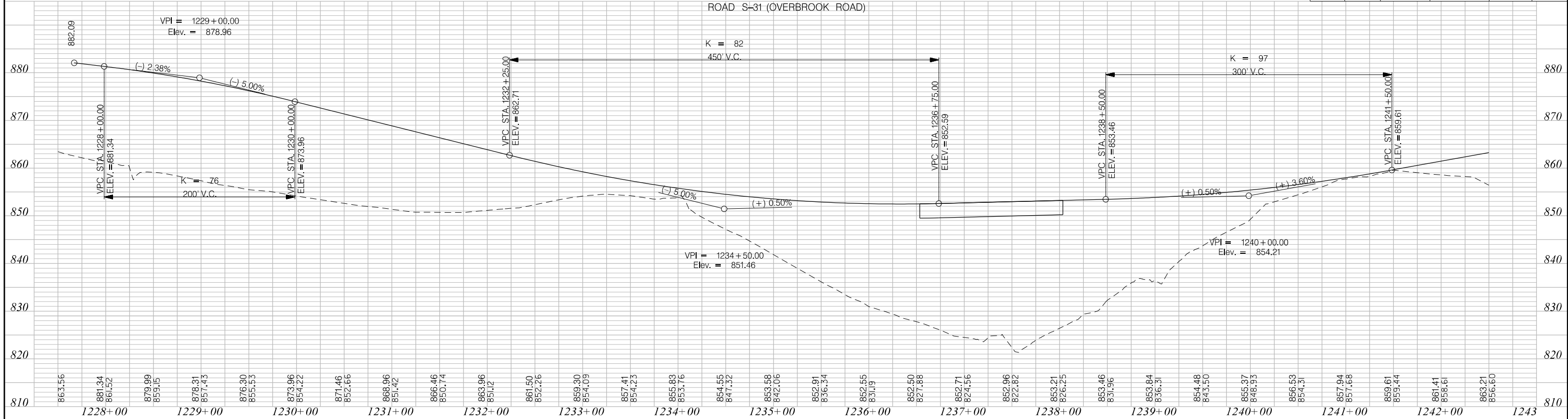


PRELIMINARY NOT FOR CONSTRUCTION		7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
		6				
		5				PROFILE SHEET
		4				
		3				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
SCALE: 1" = 50' HORIZ /10' VERT (TYP.)		2				
		1				
REV. NO.	BY	DATE	DESCRIPTION OF REVISION			

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3/24/2016



FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD /ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	45



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ /10' VERT (TYP.)

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

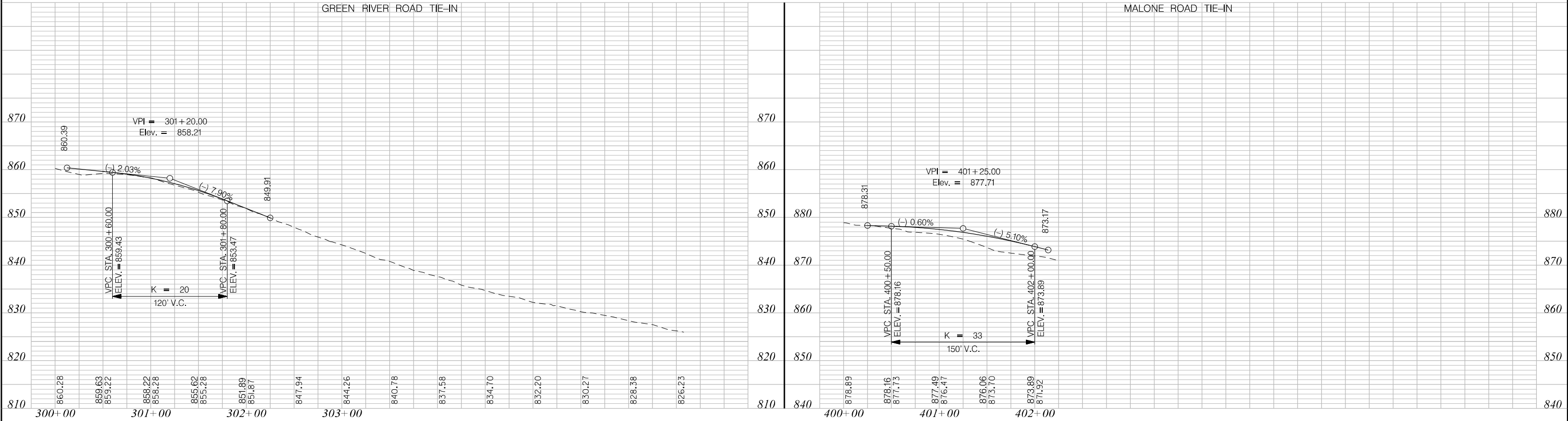
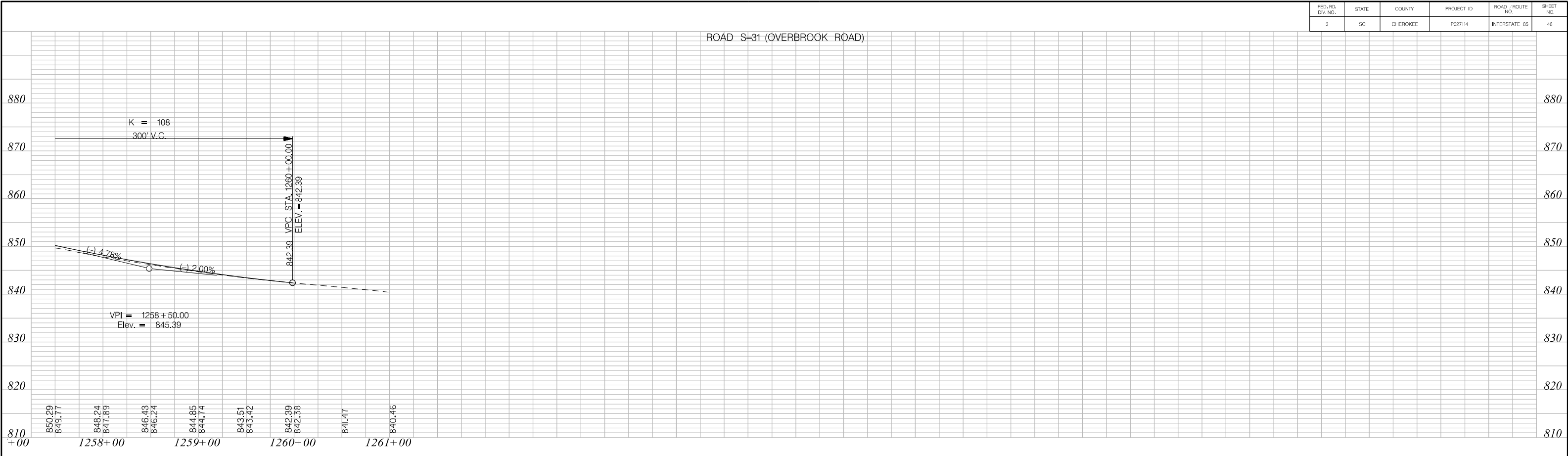
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

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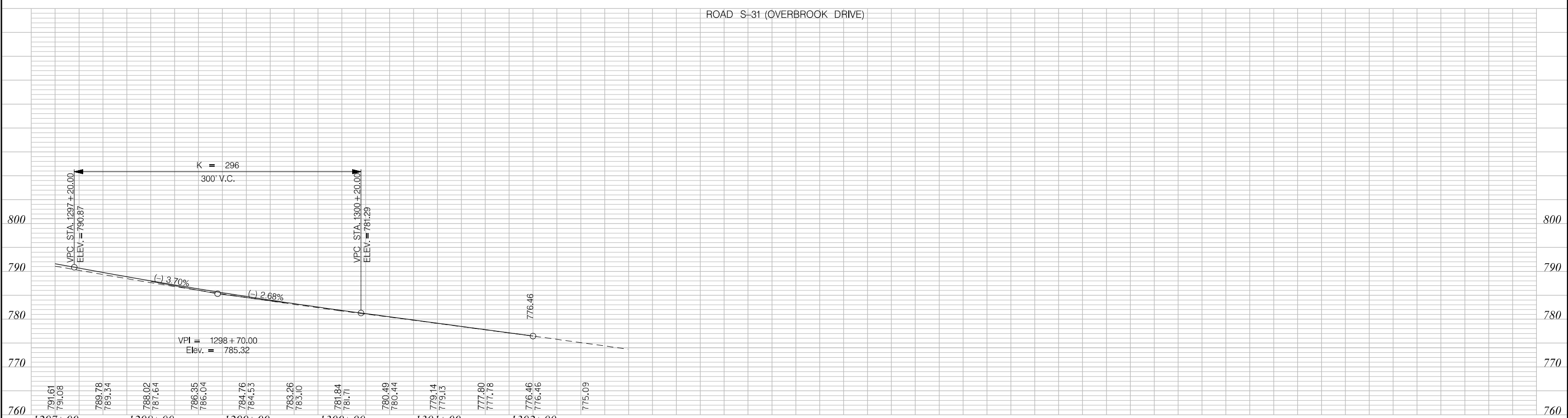
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	46



PRELIMINARY NOT FOR CONSTRUCTION	7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
	6				
	5				PROFILE SHEET
	4				
	3				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
	2				
	1				
SCALE: 1" = 50' HORIZ /10' VERT (TYP.)	REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

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3/24/2016

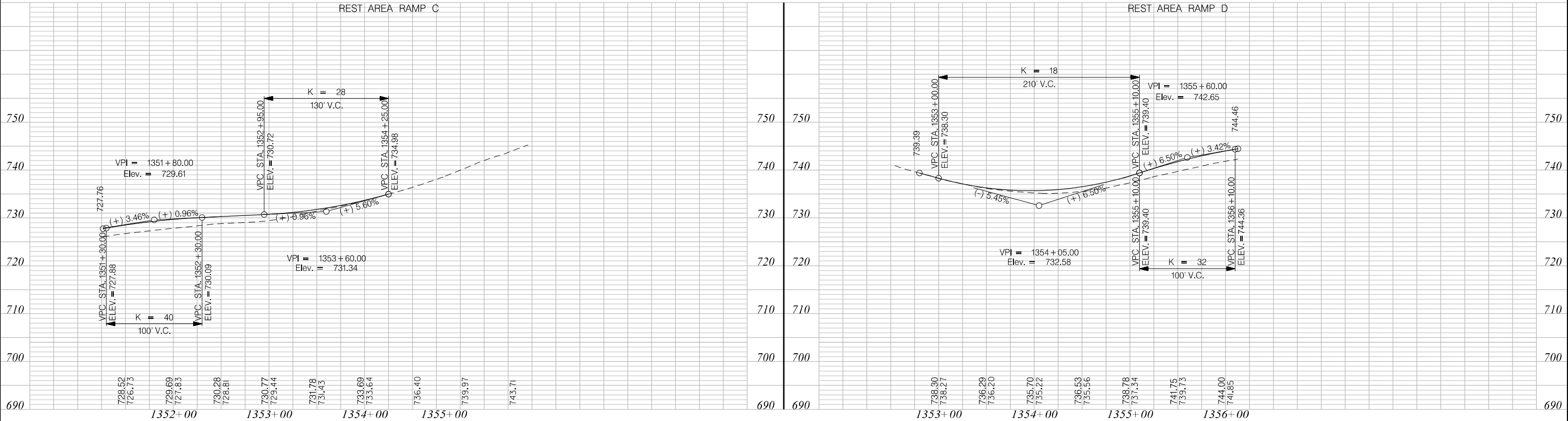
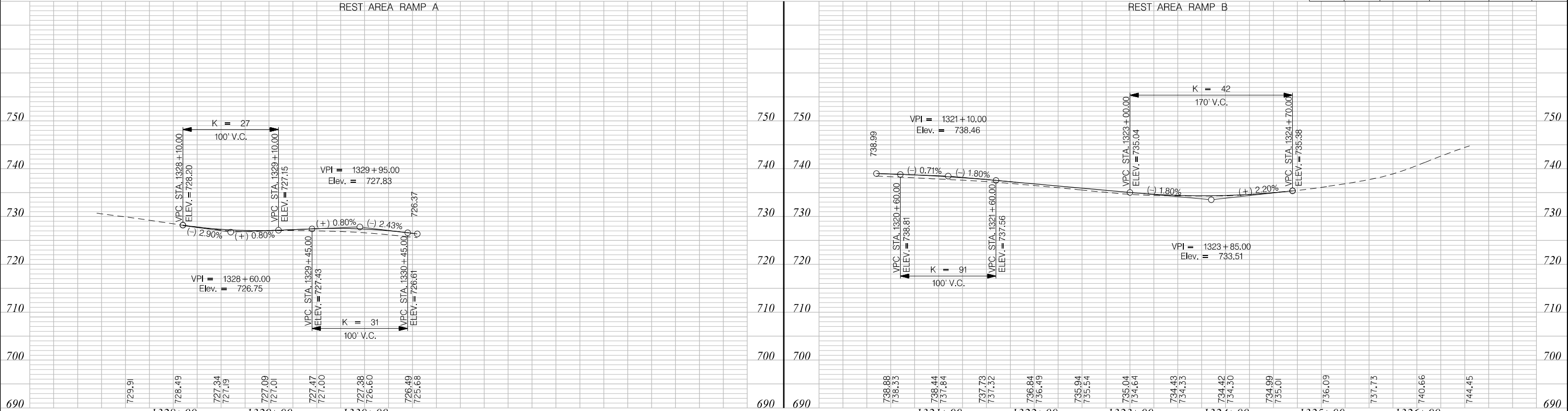
FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	47



PRELIMINARY NOT FOR CONSTRUCTION	7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
	6				
	5				
	4				PROFILE SHEET
	3				
	2				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
SCALE: 1" = 50' HORIZ /10' VERT (TYP.)	1				
	REV. NO.	BY	DATE	DESCRIPTION OF REVISION	

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3/24/2016

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	48



PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ / 10' VERT (TYP.)

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

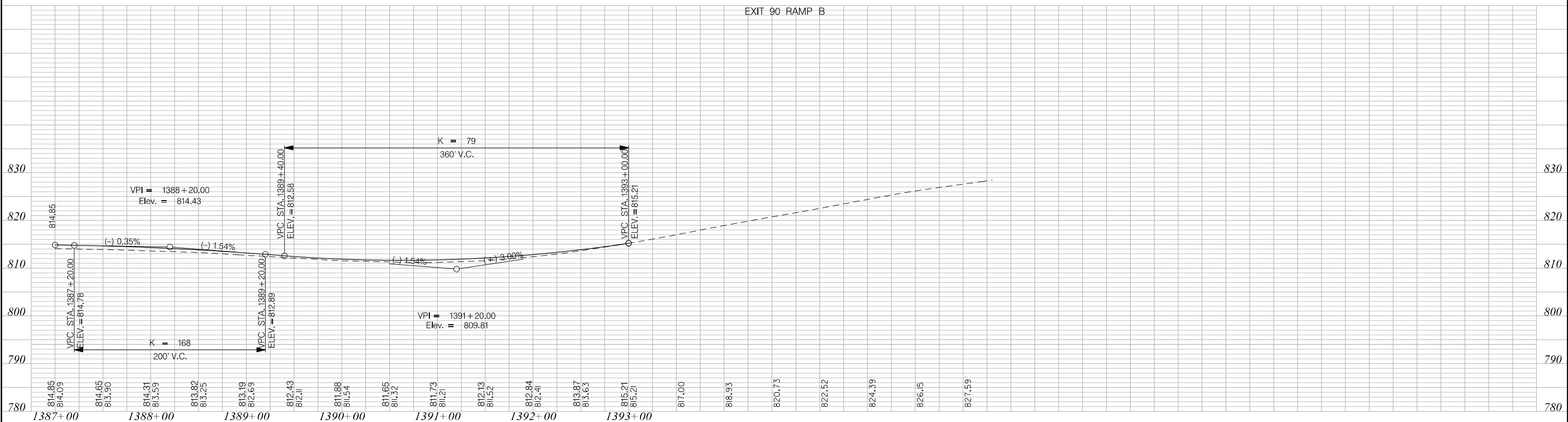
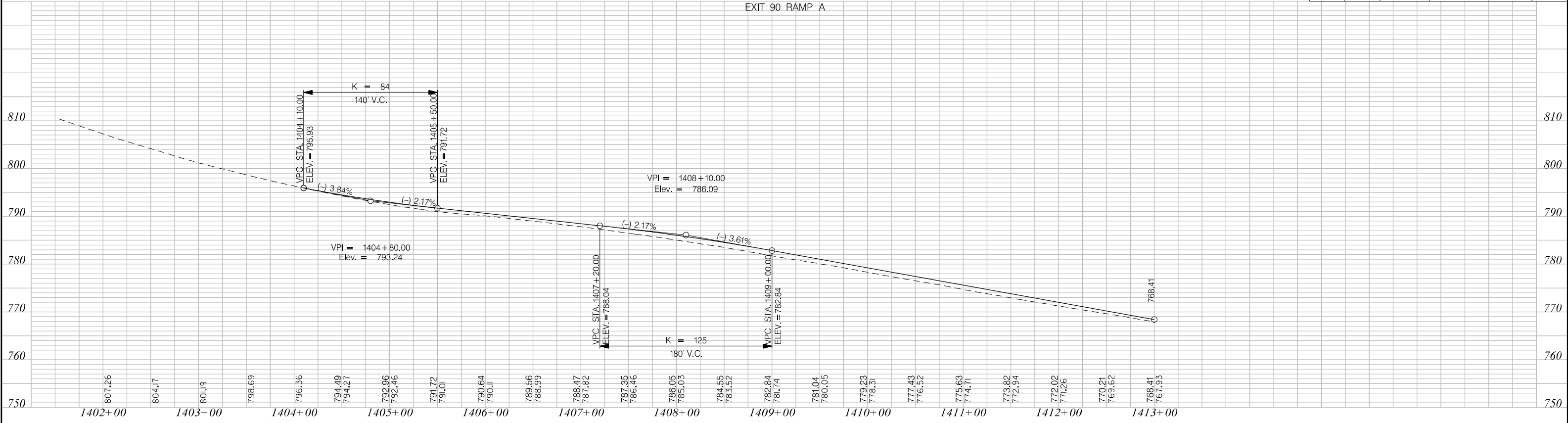
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
INTERSTATE 85

PROFILE SHEET

INTERSTATE 85 MILE MARKER 86-90
SEGMENT B

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3/24/2016

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	49



PRELIMINARY
NOT FOR CONSTRUCTION

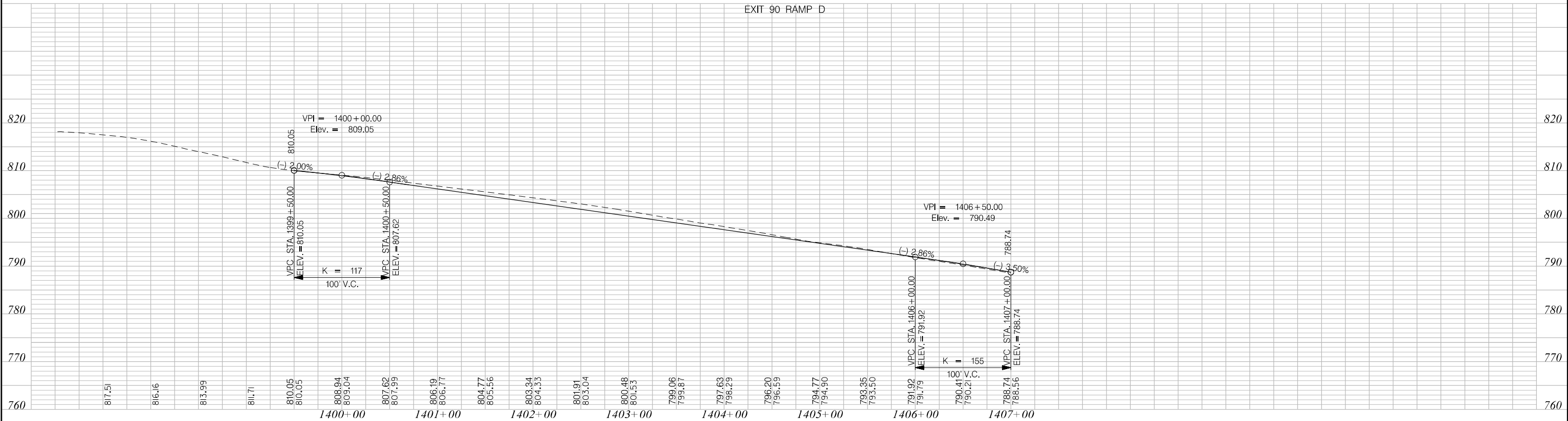
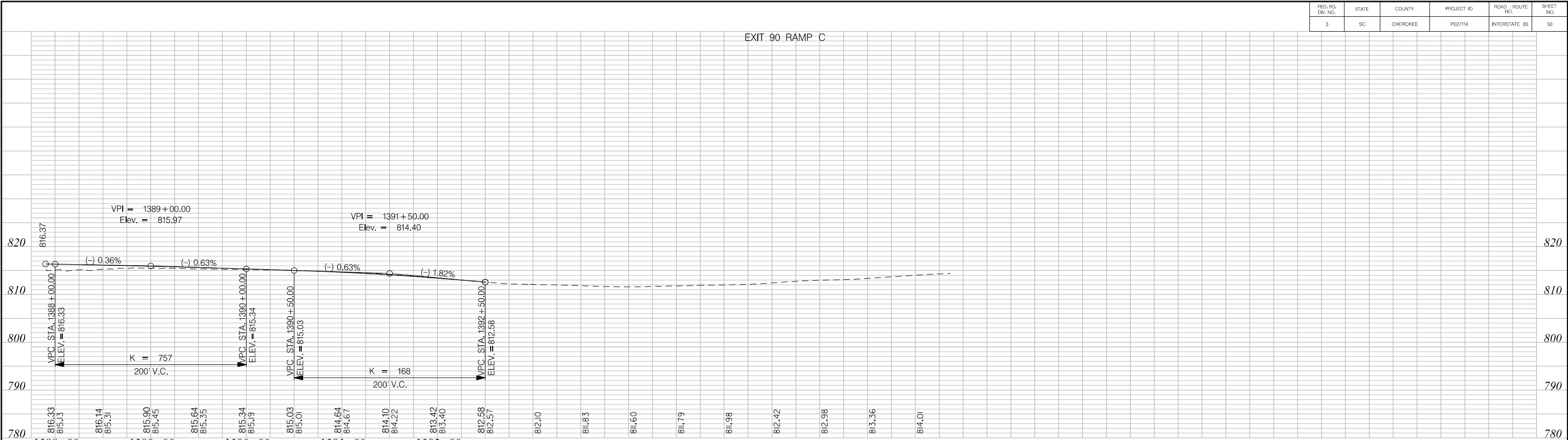
SCALE: 1" = 50' HORIZ /10' VERT (TYP.)

7			
6			
5			
4			
3			
2			
1			
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85	
PROFILE SHEET	
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B	

X:\3286900\41416.0\XXXXX (SCDOT Number)\roadway\sheets\SHT_B_50_90RPC_90RPD.dgn 3/24/2016

FED. RD. DIST. NO.	STATE	COUNTY	PROJECT ID	ROAD / ROUTE NO.	SHEET NO.
3	SC	CHEROKEE	P027114	INTERSTATE 85	50



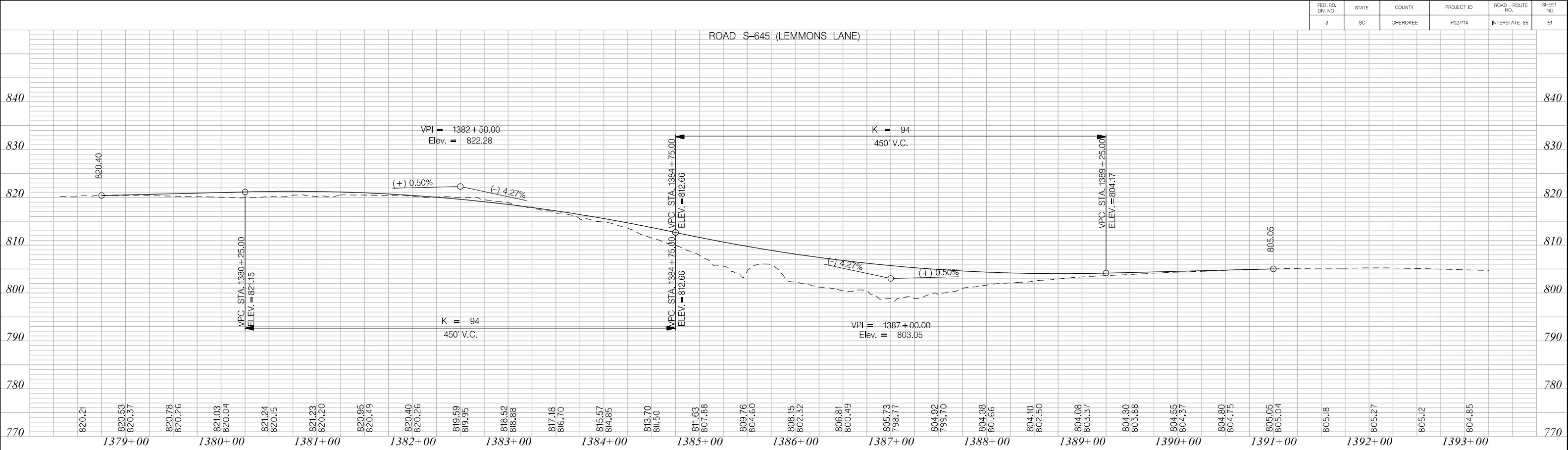
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 50' HORIZ /10' VERT (TYP.)

7			
6			
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1			
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85	
PROFILE SHEET	
INTERSTATE 85 MILE MARKER 86-90 SEGMENT B	

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3/24/2016



ROAD S-645 (LEMMONS LANE)

840

830

820

810

800

790

780

770

VPI = 1382+50.00
Elev. = 822.28

K = 94
450' V.C.

VPC STA. 1380+25.00
ELEV. = 821.15

VPI = 1387+00.00
Elev. = 803.05

K = 94
450' V.C.

VPC STA. 1384+75.00
ELEV. = 812.66

VPC STA. 1389+25.00
ELEV. = 804.17

(+) 0.50%

(-) 4.27%

(-) 4.27%

(+) 0.50%

820.40

820.53

820.57

820.78

820.26

821.03

820.04

821.24

820.15

821.23

820.20

820.95

820.49

820.40

820.26

819.59

819.95

818.52

818.88

817.18

816.70

815.57

814.85

813.70

811.50

811.63

807.88

809.76

804.60

808.15

802.32

806.81

800.49

805.73

798.77

804.92

799.70

804.38

801.66

804.10

802.50

804.08

803.37

804.30

803.88

804.55

804.37

804.80

804.15

805.05

805.04

805.18

805.27

805.12

804.85

1379+00

1380+00

1381+00

1382+00

1383+00

1384+00

1385+00

1386+00

1387+00

1388+00

1389+00

1390+00

1391+00

1392+00

1393+00

PRELIMINARY NOT FOR CONSTRUCTION	7				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION INTERSTATE 85
	6				
	5				
	4				PROFILE SHEET
	3				
	2				INTERSTATE 85 MILE MARKER 86-90 SEGMENT B
SCALE: 1" = 50' HORIZ /10' VERT (TYP.)	1				
	REV.NO.	BY	DATE	DESCRIPTION OF REVISION	

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