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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



CONSULTANT

FUNCTIONAL SUPERVISOR

CALCULATED-
DESIGNED BY

CHECKED BY

DESIGNED BY

DATE

REVISOR

DATE

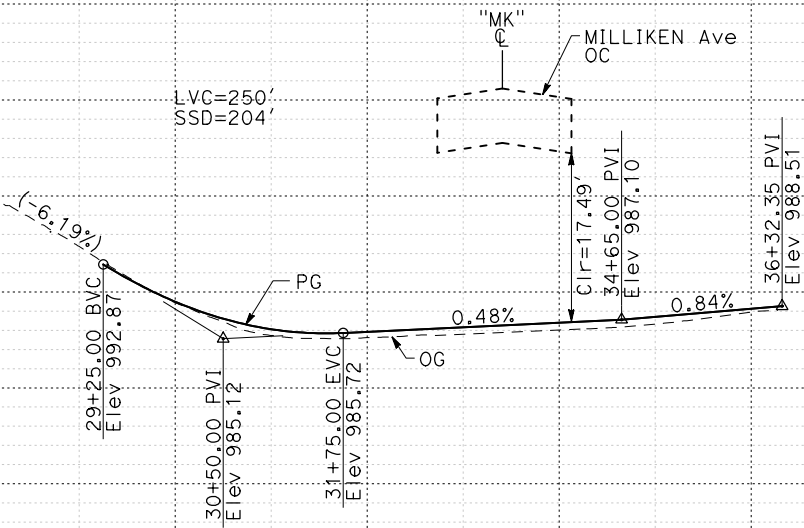
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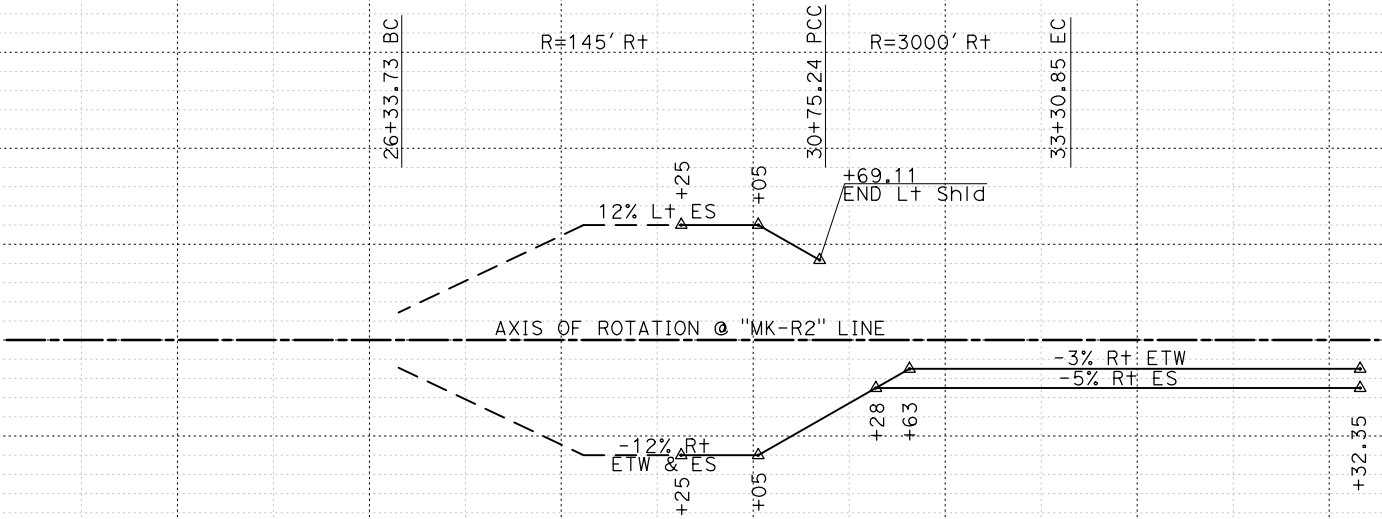
STATION
CY
Exc
Emb

20 1 2 3 4 25 6 7 8 9 30 1 2 3 4 35 6 7 8 9 40

PROFILE
"MK-R2" LINE
MILLIKEN Ave EB LOOP ON-RAMP



SUPERELEVATION DIAGRAM
"MK-R2" LINE
MILLIKEN Ave EB LOOP ON-RAMP



I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM

SCALE Horiz 1" = 100'
Vert 1" = 10'

MK-R2
PS-2

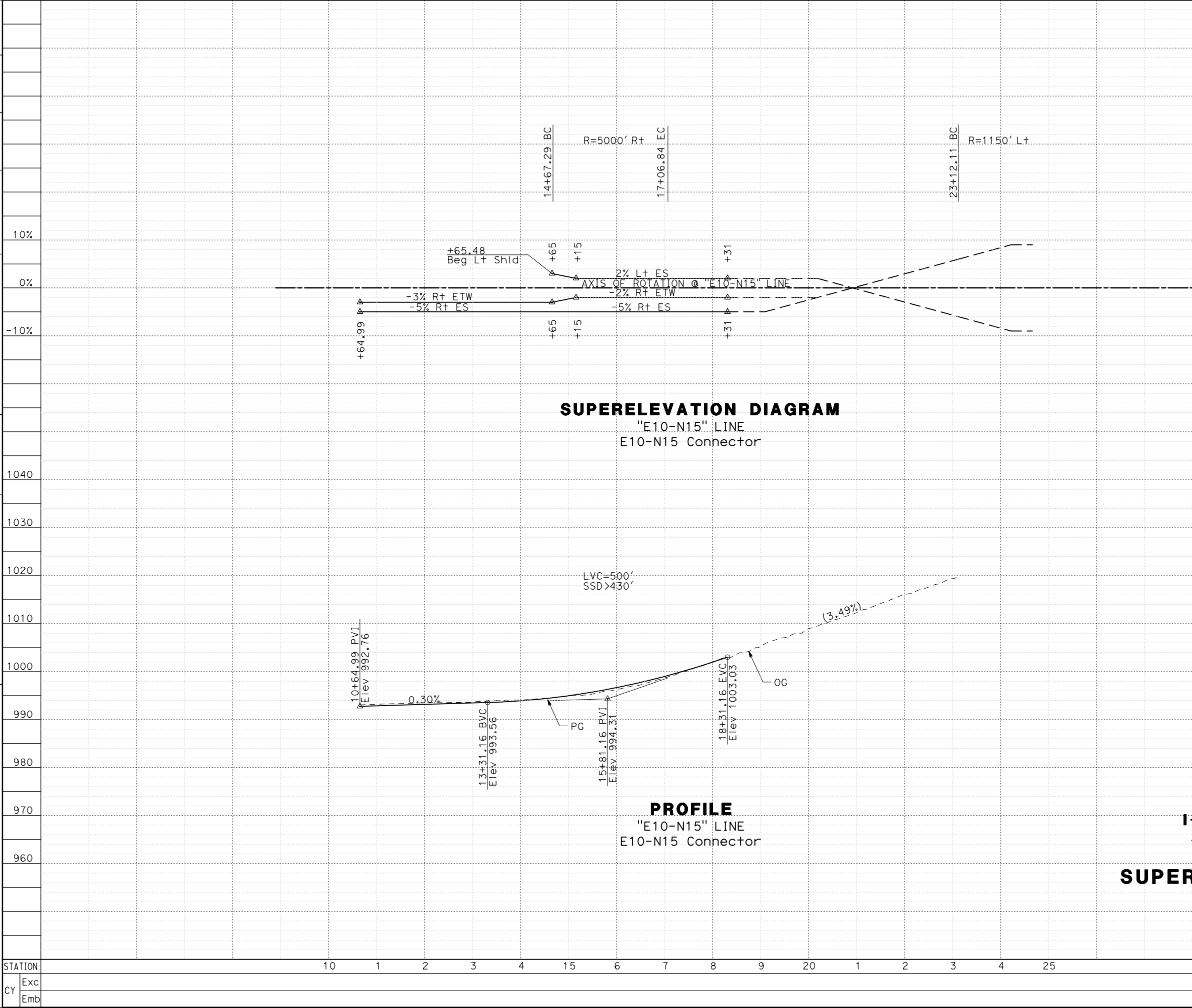
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REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		
10%					



LAST REVISION DATE PLOTTED => 7/29/2015
00-00-00 TIME PLOTTED => 9:24:20 AM

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT		FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		REVISD BY		DATE REVISED	
											



**I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM**

SCALE Horiz 1" = 100'
Vert 1" = 10'

**E10-N15
PS-3**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		

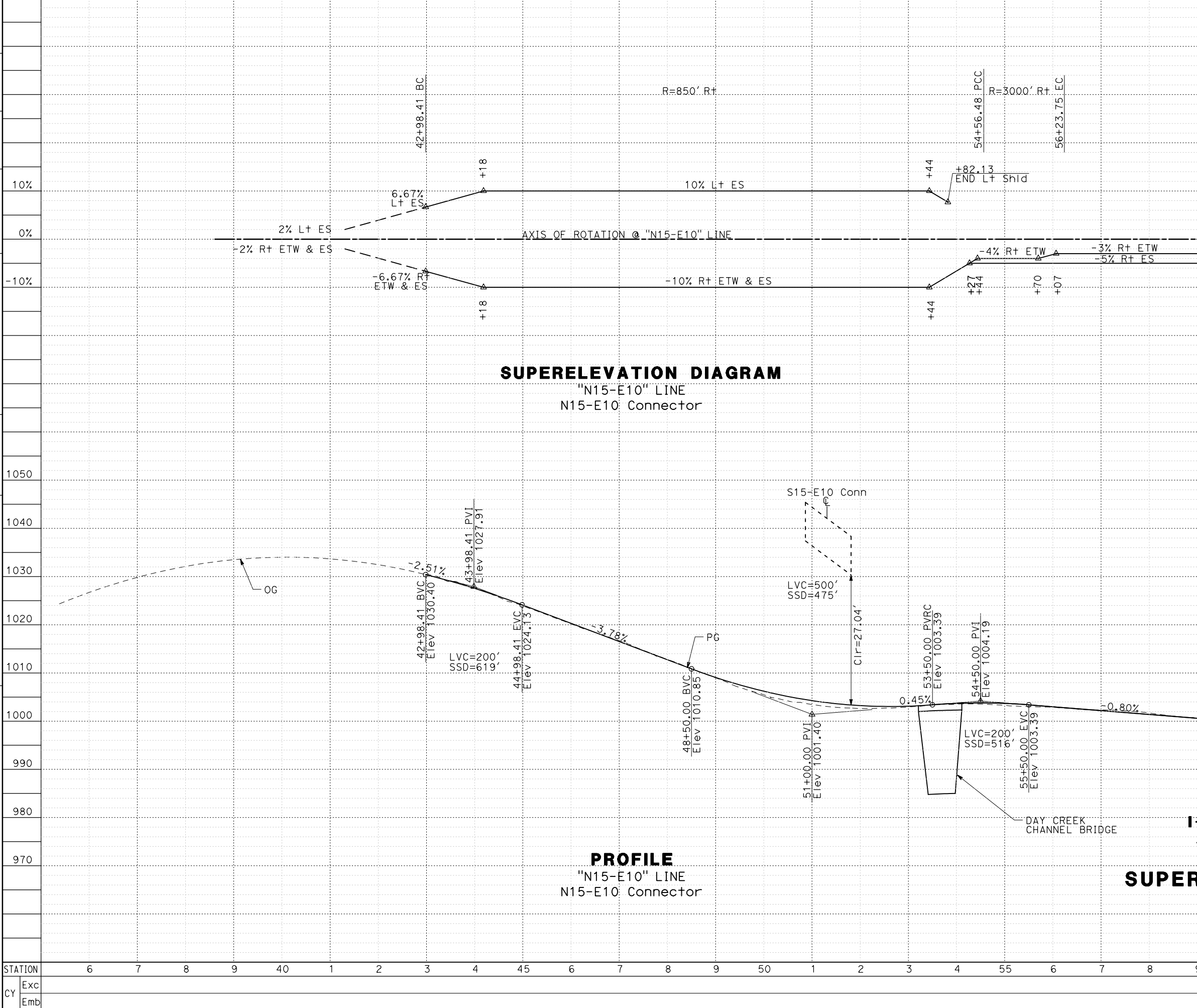


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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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7		
8		
9		
40		
1		
2		
3		
4		
45		
6		
7		
8		
9		
50		
1		
2		
3		
4		
55		
6		
7		
8		
9		
60		
TOTAL		

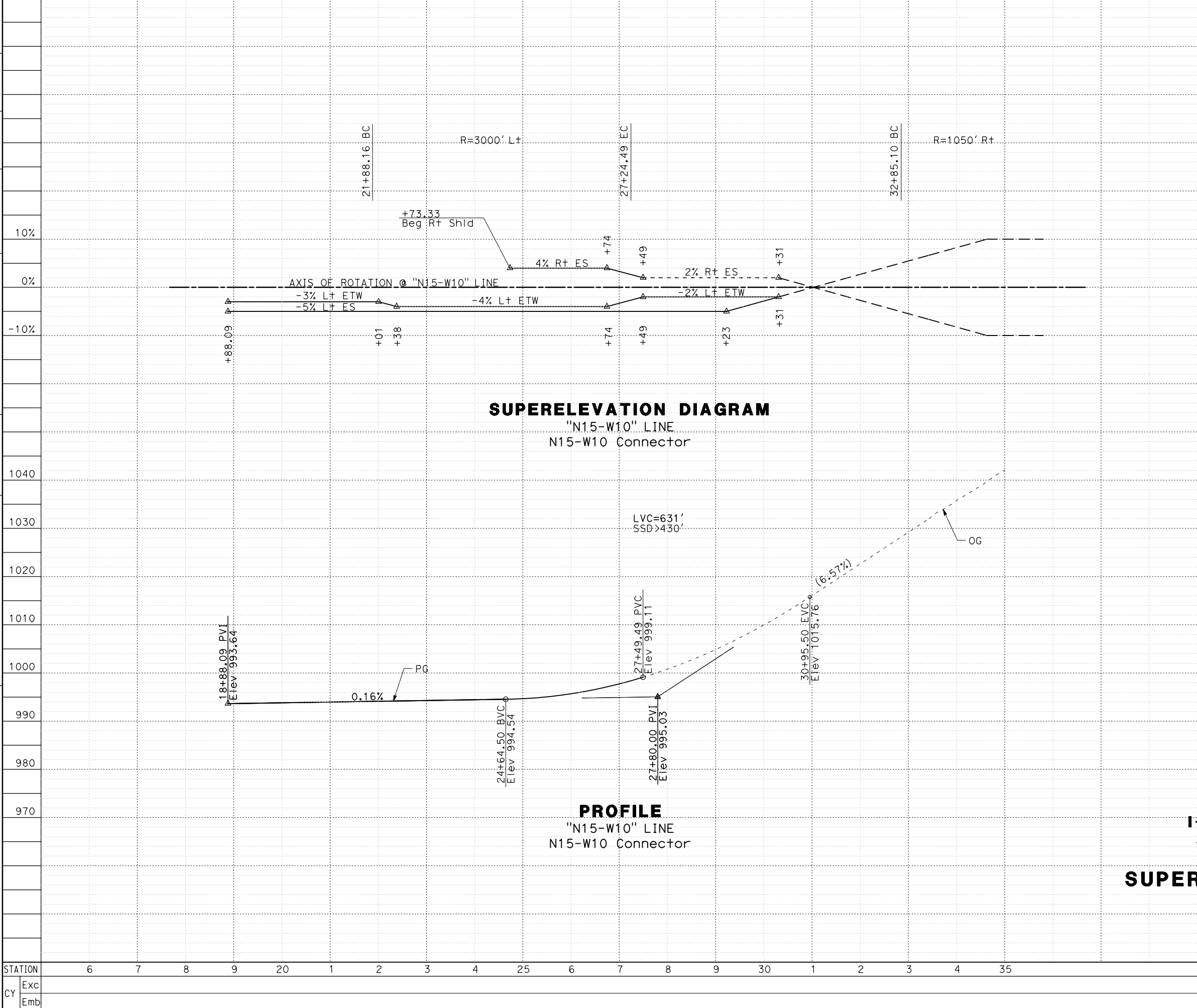


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REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		
10%					
0%					
-10%					
1050					
1040					
1030					
1020					
1010					
1000					
990					
980					
970					
TOTAL					

LAST REVISION DATE PLOTTED => 7/29/2015
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT		FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		CHECKED BY		REVISOR		DATE		REVISOR		DATE	
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**I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM**
SCALE Horiz 1" = 100'
Vert 1" = 10'
**N15-W10
PS-6**

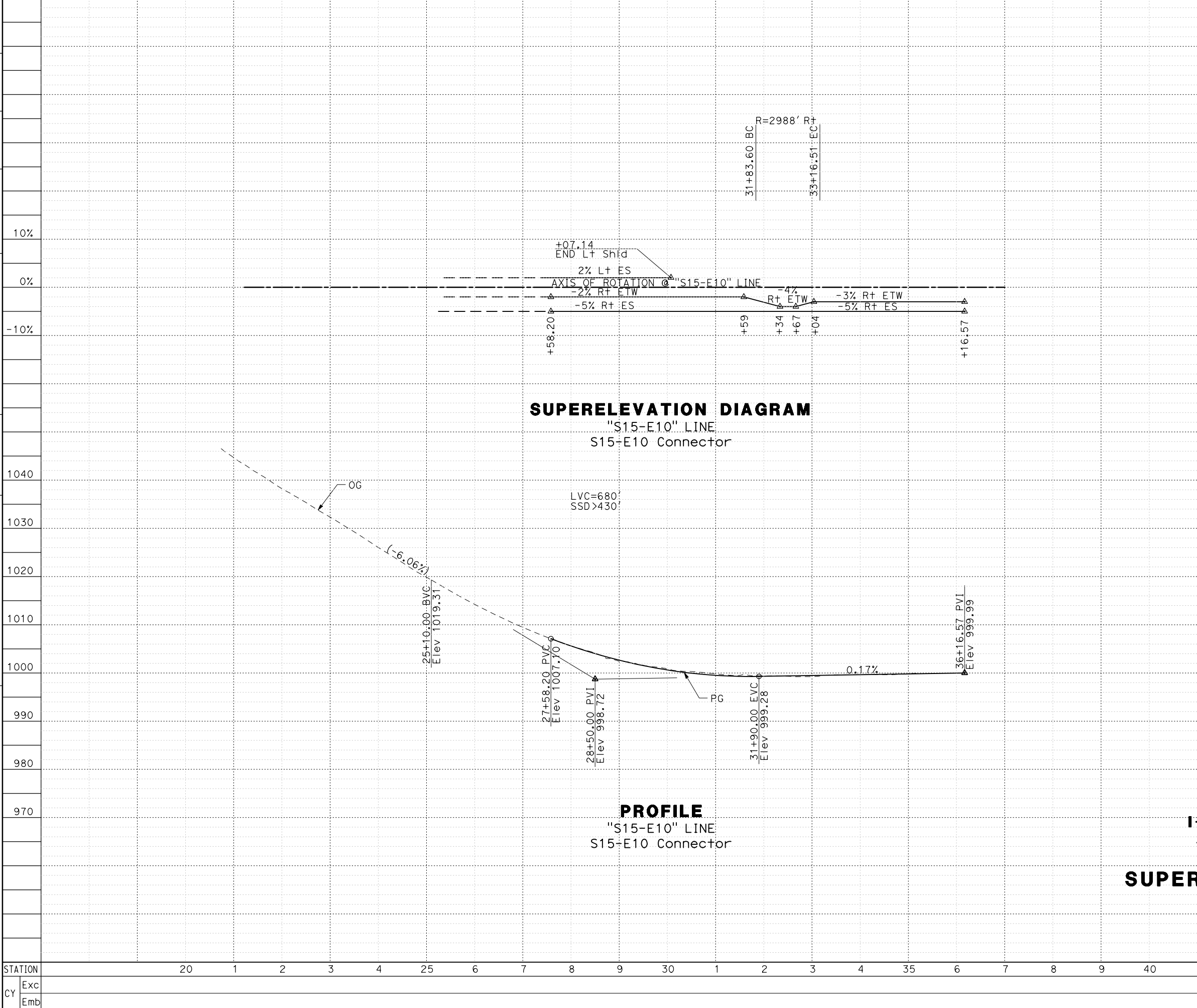
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PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		



10%	10%
0%	0%
-10%	-10%
1040	1040
1030	1030
1020	1020
1010	1010
1000	1000
990	990
980	980
970	970
TOTAL	TOTAL

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT		FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		CHECKED BY		REVISOR		DATE		REVISION	
CY		Exc													



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		



I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM
SCALE Horiz 1" = 100'
Vert 1" = 10'

S15-E10
PS-7





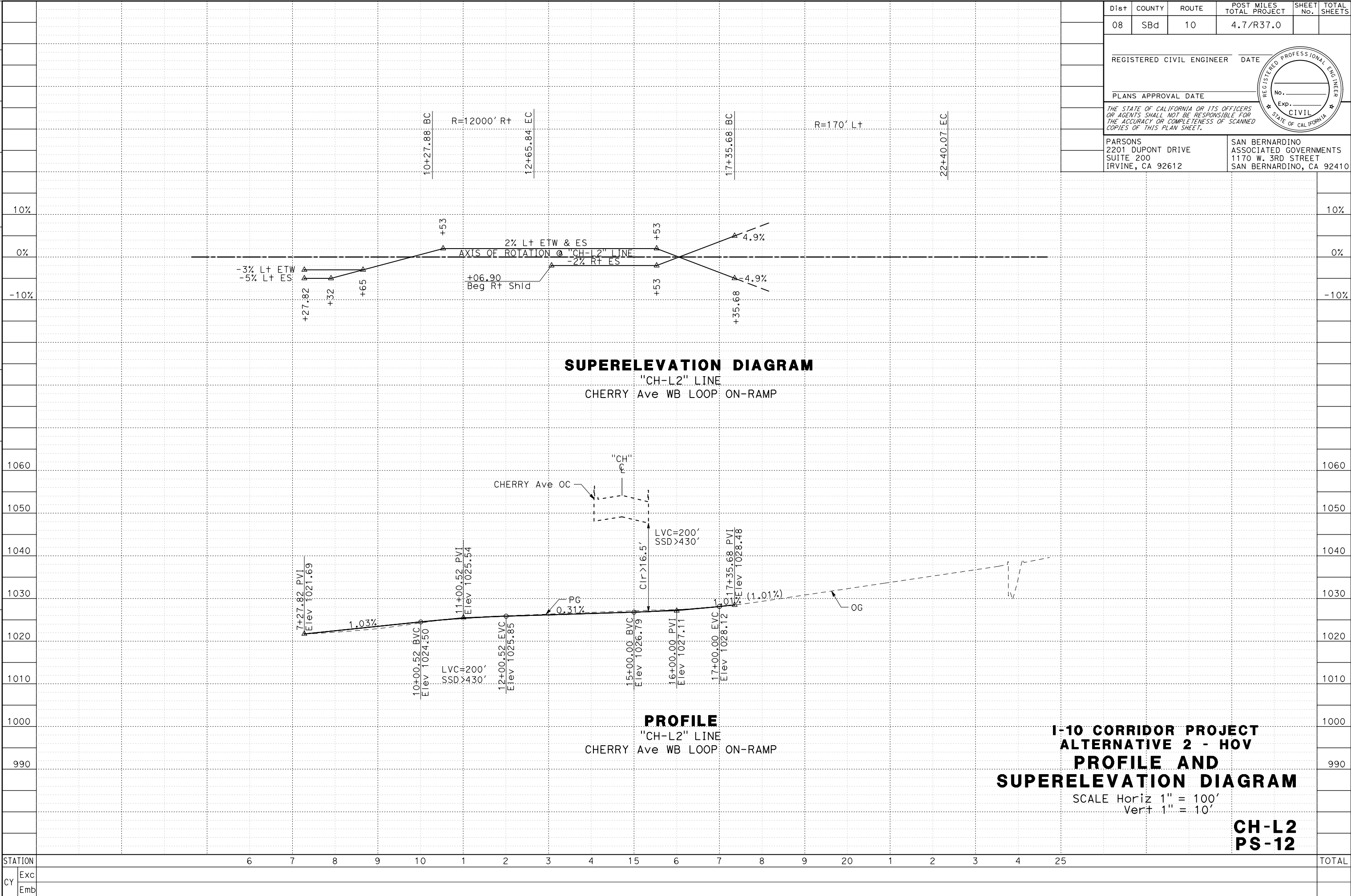
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S15-W10
PS-8

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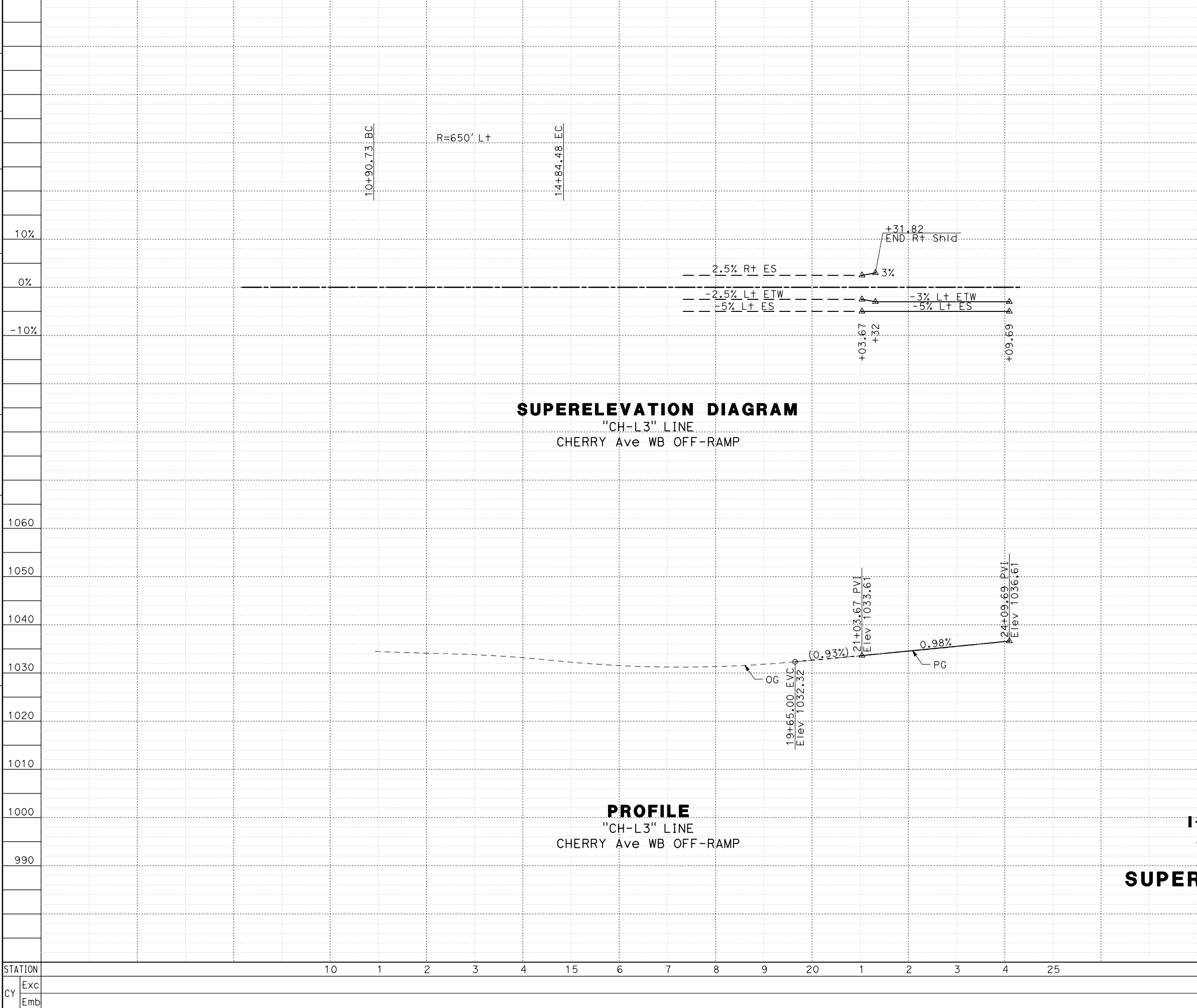
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT		FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		CHECKED BY		REVISOR		DATE		REVISION	
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT		FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		CHECKED BY		REVISD BY		DATE REVISED	
													



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		
10%					
0%					
-10%					
1060					
1050					
1040					
1030					
1020					
1010					
1000					
990					
TOTAL					

**I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM**

SCALE Horiz 1" = 100'
Vert 1" = 10'

**CH-L3
PS-13**

[illegible]

CI-L2
PS-15

[illegible]

SUPERELEVATION DIAGRAM
"CI-R1" LINE
CITRUS Ave EB OFF-RAMP

PROFILE
"CI-R1" LINE
CITRUS Ave EB OFF-RAMP

**I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM**

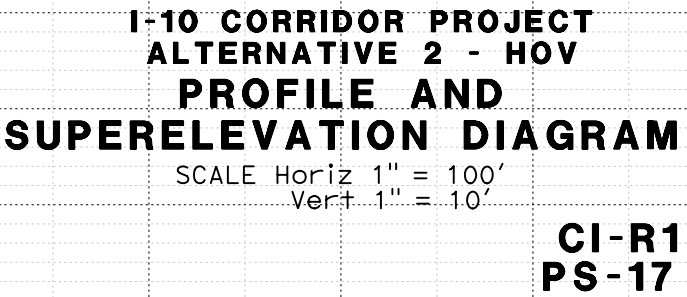
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**CI-R1
PS-17**

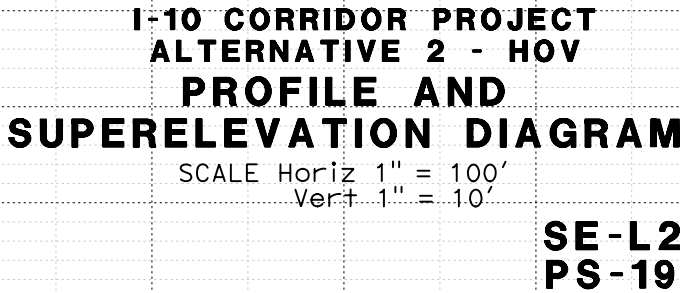
Key data points from the diagram:

Station	Point	Elevation
8+96.58	PVI	1080.22
12+38.50	BVC	1082.83
12+39.62	PVC	1082.84

Grades: -2.0% L+ ES, +1.9% L+ ES, 0.76%

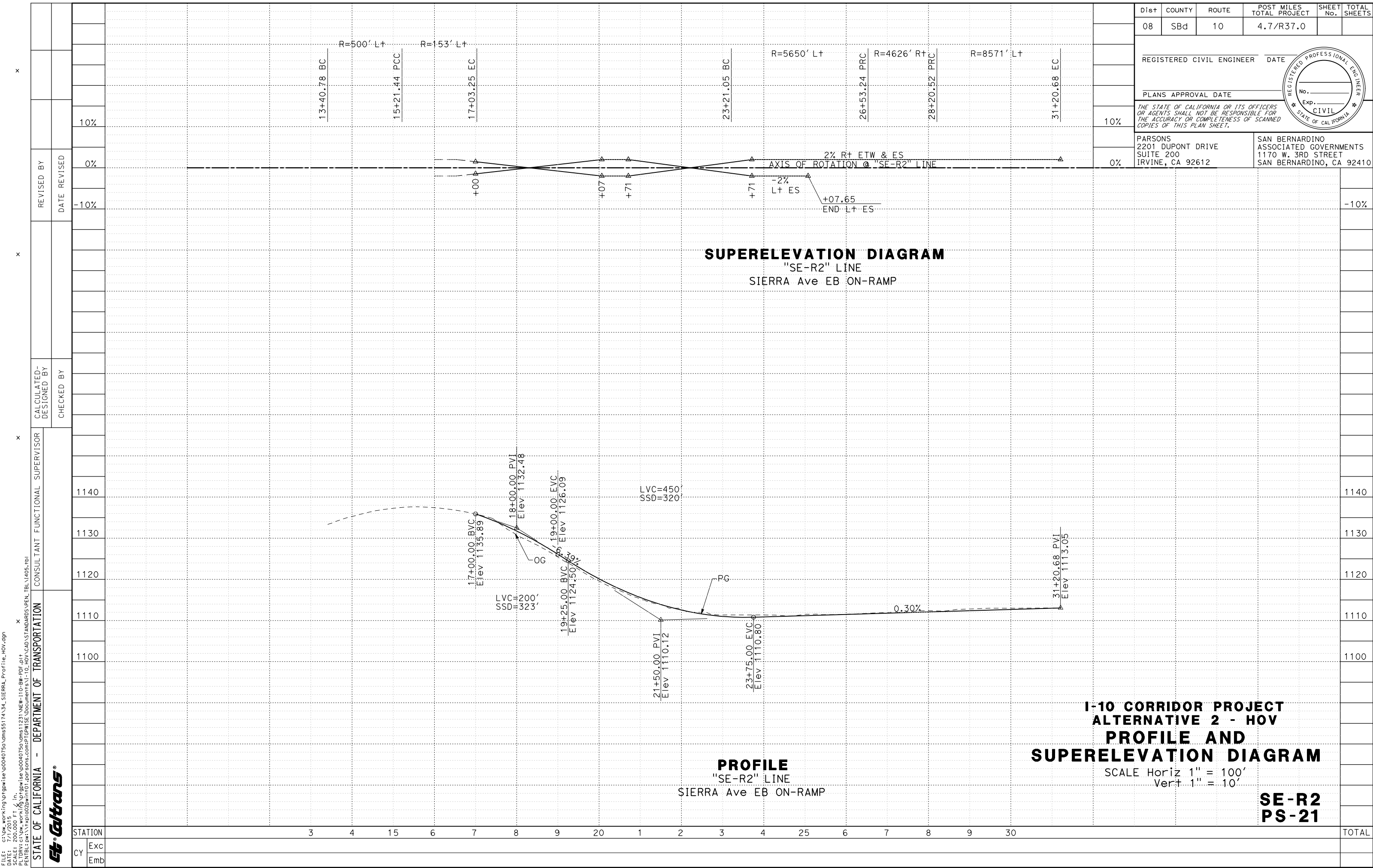


CI-R1
PS-17



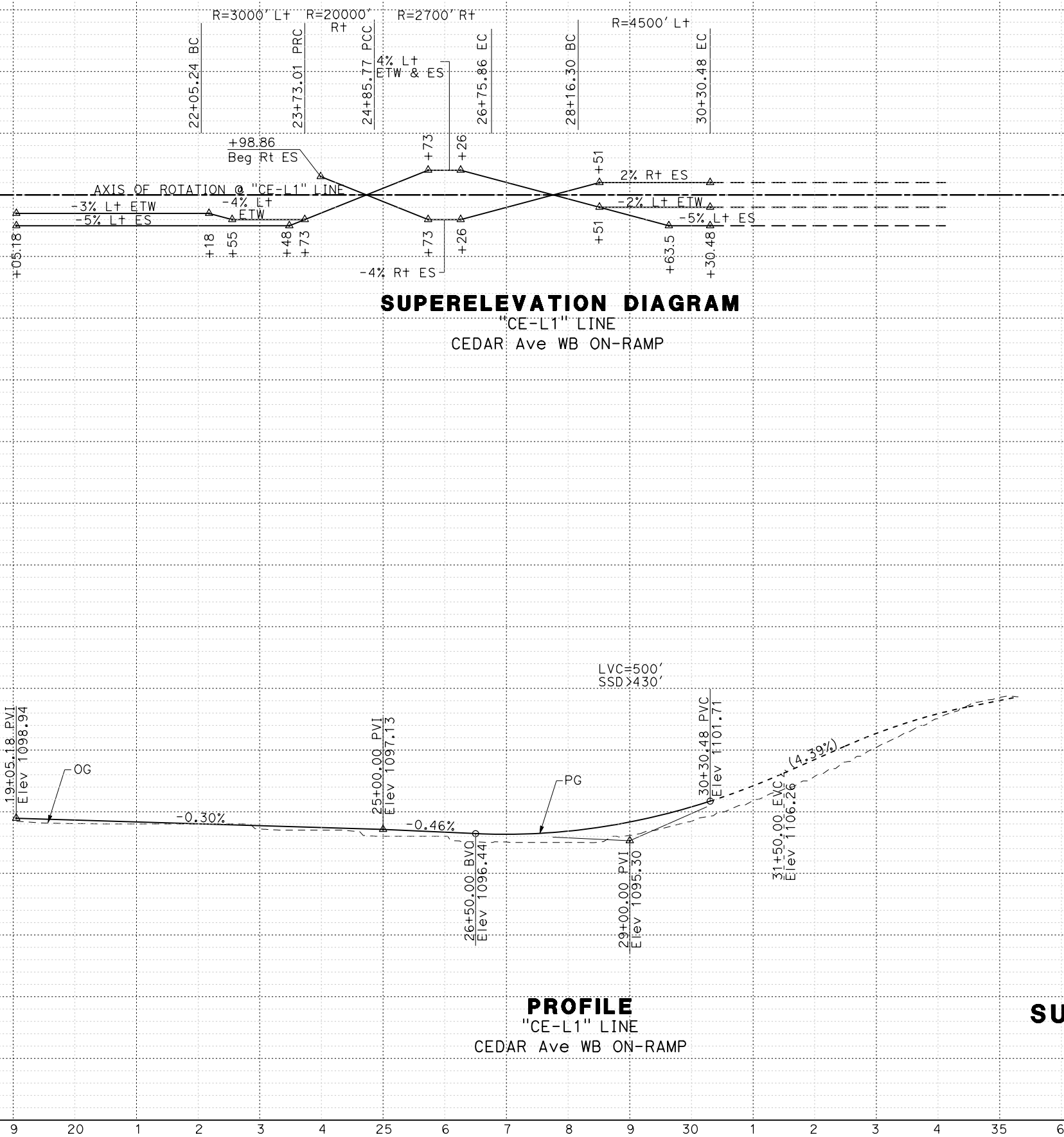
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		REVISED BY			
				CHECKED BY		DATE REVISED			

STATION	
CY	Exc
	Emb



I-10 CORRIDOR PROJECT ALTERNATIVE 2 - HOV PROFILE AND SUPERELEVATION DIAGRAM

SCALE Horiz 1" = 100'
Vert 1" = 10'

CE-L1
PS-22

	Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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	<i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i>					
10%	PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		

	0%
	-10%
	1120
	1110
	1100
	1090
	TOTAL

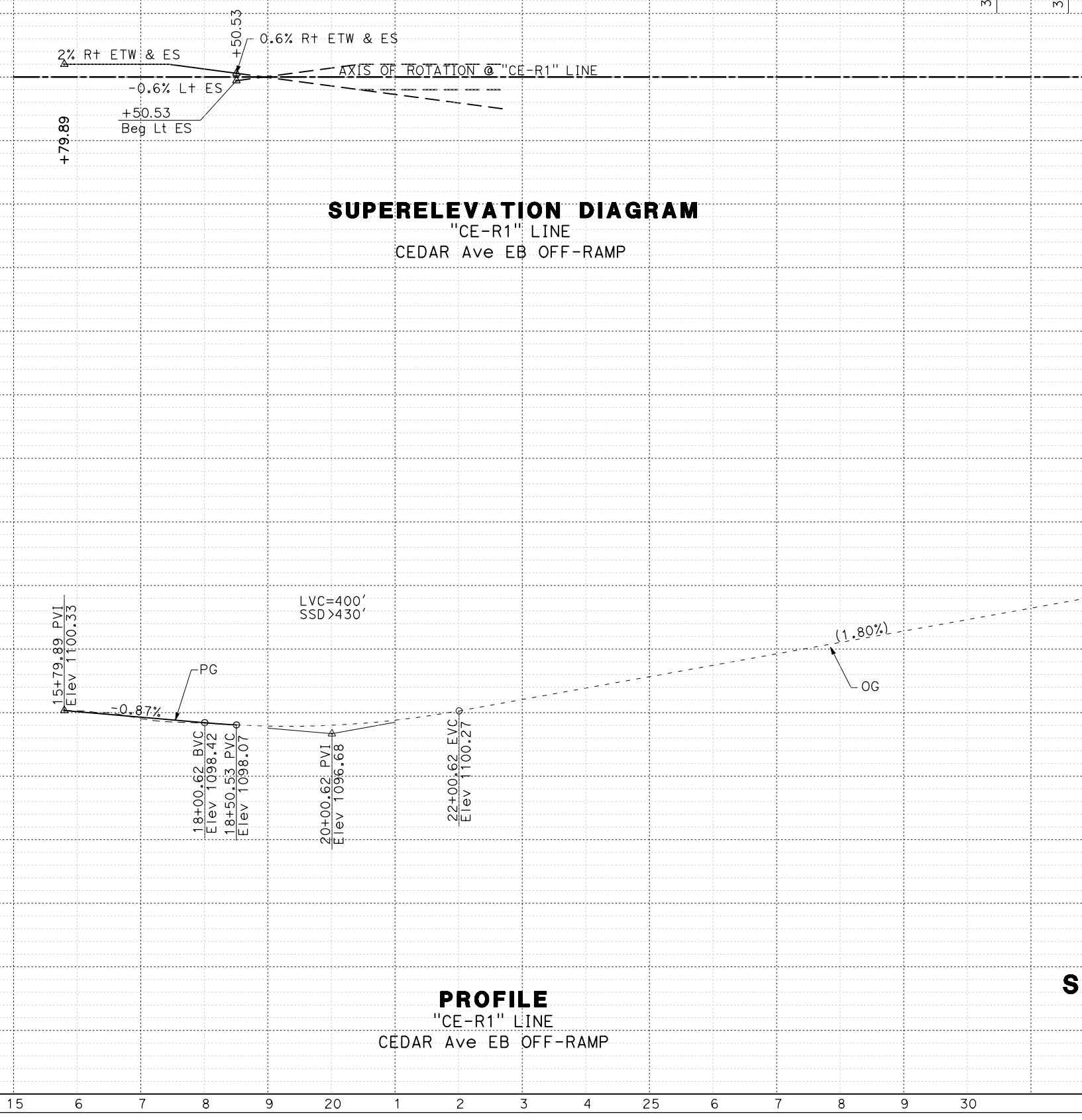
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



STATION		REVISOR		REVISION	
CY	Exc	BY	DATE	REVISED BY	DATE REVISED
	Emb				

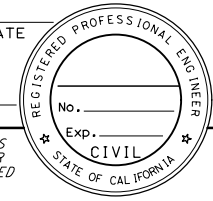
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1110	1100	1090													



**I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM**
SCALE Horiz 1" = 100'
Vert 1" = 10'

**CE-R1
PS-24**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		



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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



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DESIGNED BY

CHECKED BY

CONSULTANT

FUNCTIONAL SUPERVISOR

REVISOR

DATE REVISED

BY

DATE

STATION
CY Exc
Emb



OG

12+45.00 BVC
Elev 1093.79

(-6.04%)

LVC=400'
SSD=866'

14+33.07 PVI
Elev 1083.57

14+45.00 PVI
Elev 1081.71

16+45.00 PVCC
Elev 1074.77

LVC=510'
SSD=430'

19+00.00 PVI
Elev 1065.93

21+55.00 EVC
Elev 1066.86

24+86.64 PVI
Elev 1068.06

0.36%

PG

SUPERELEVATION DIAGRAM
"CE-R2" LINE
CEDAR Ave EB ON-RAMP

14+33.07 BC

R=12255' R+

R=3830' R+

R=17500' L+

20+19.38 PCC

21+86.54 PRC

24+86.64 EC

+33.07

+69

+08.56
END L+ ES

+19

+74

+49

+36

2% L+ ES

-2% R+ ETW

-5% R+ ES

-3% R+ ETW

2% R+ ETW & ES

AXIS OF ROTATION @ "CE-R2" LINE

**I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM**
SCALE Horiz 1" = 100'
Vert 1" = 10'

**CE-R2
PS-25**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.			Exp.		
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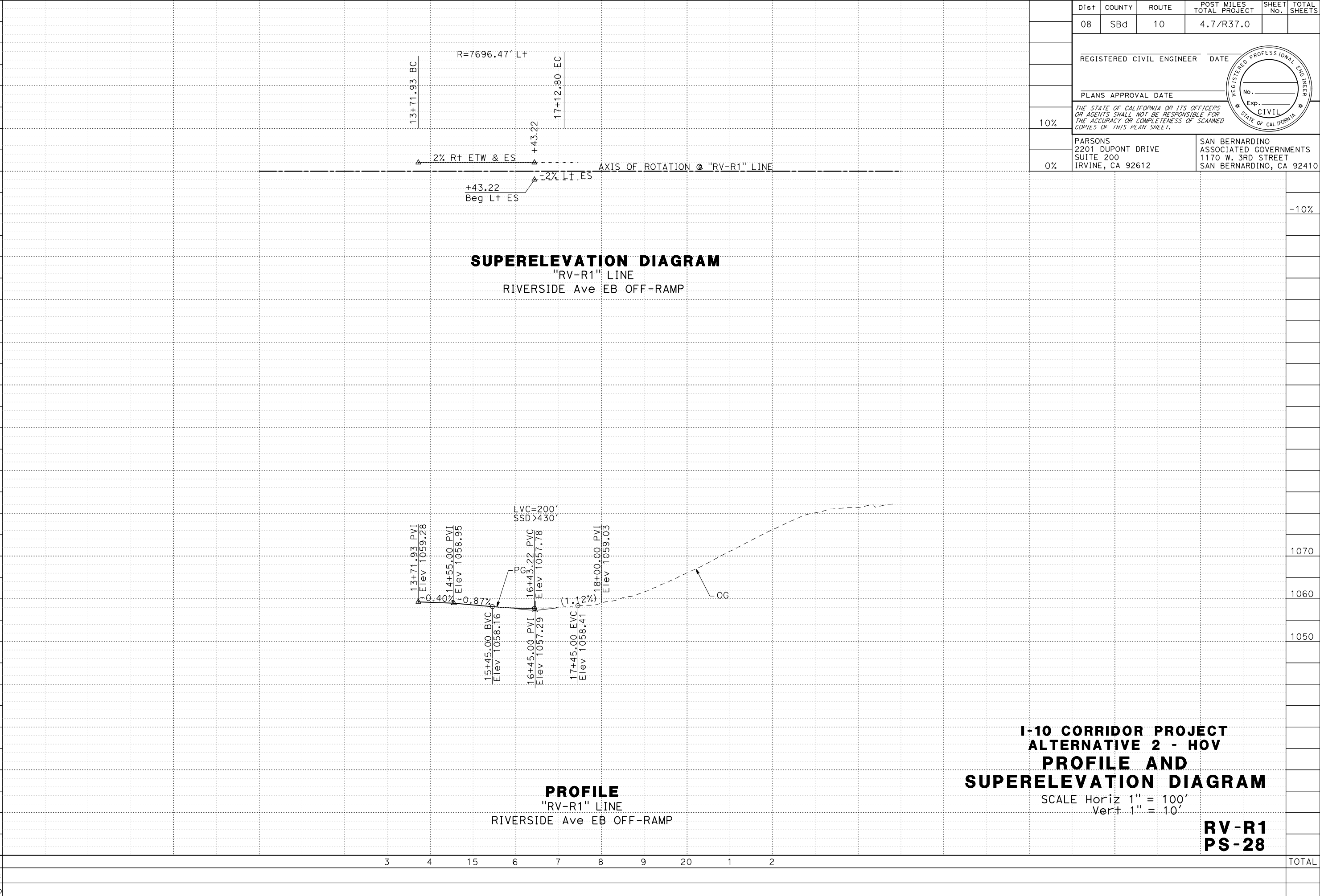


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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT		FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		REVISOR		DATE	
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STATION	
CY	Exc
	Emb

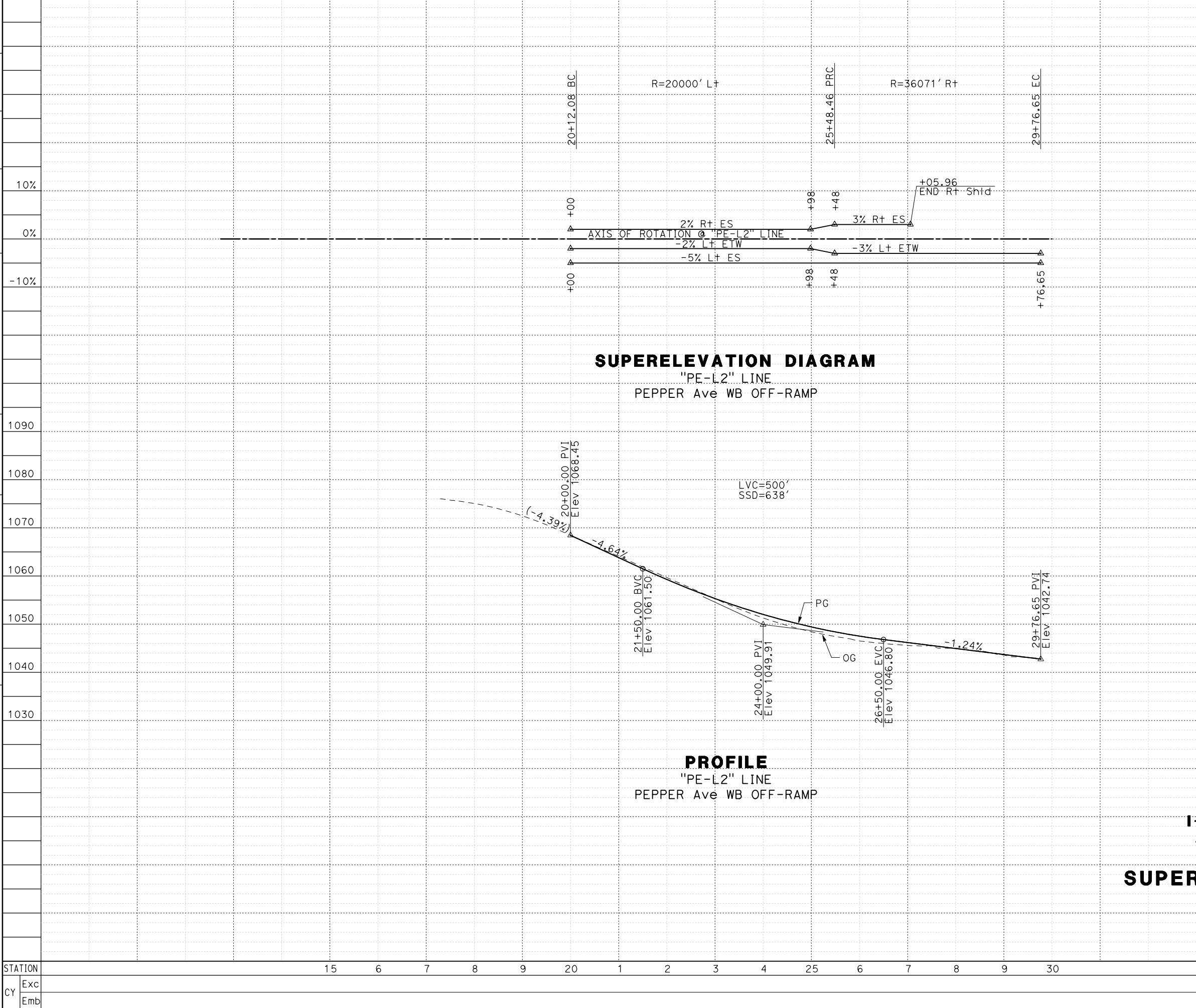


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
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PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		



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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT		FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		CHECKED BY		REVISOR		DATE		REVISION	
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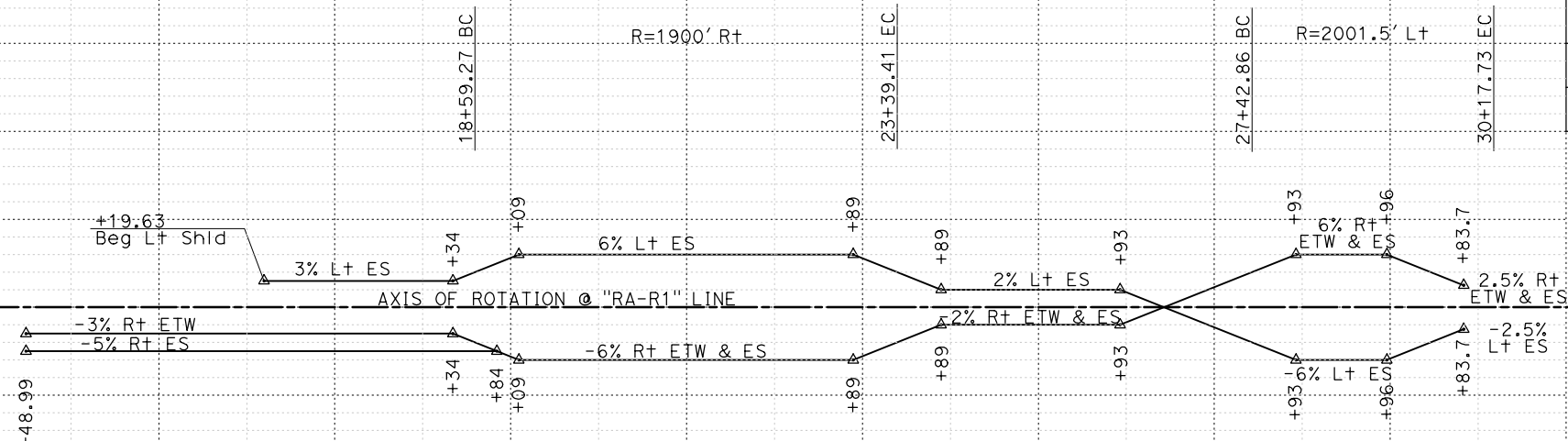
I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM
SCALE Horiz 1" = 100'
Vert 1" = 10'

PE-L2
PS-30

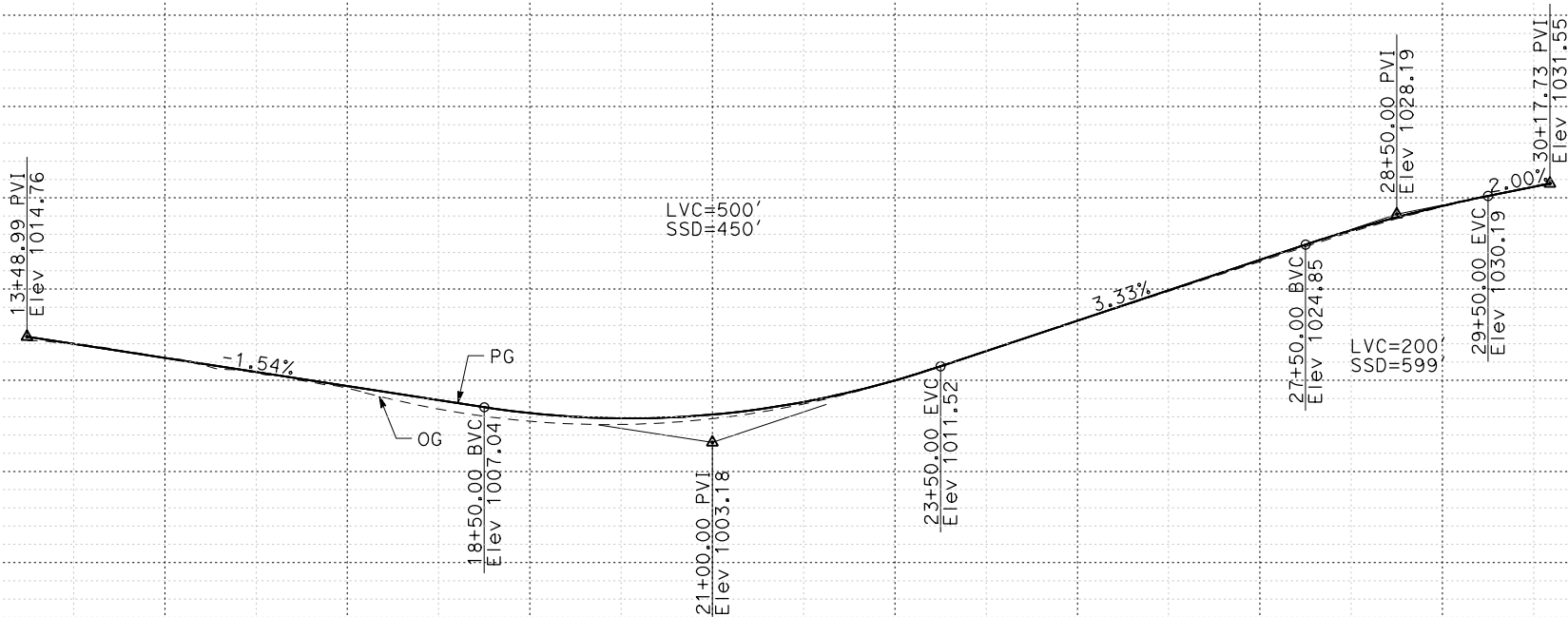
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PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE					
<i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i>					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		



SUPERELEVATION DIAGRAM
"RA-R1" LINE
RANCHO Ave EB OFF-RAMP



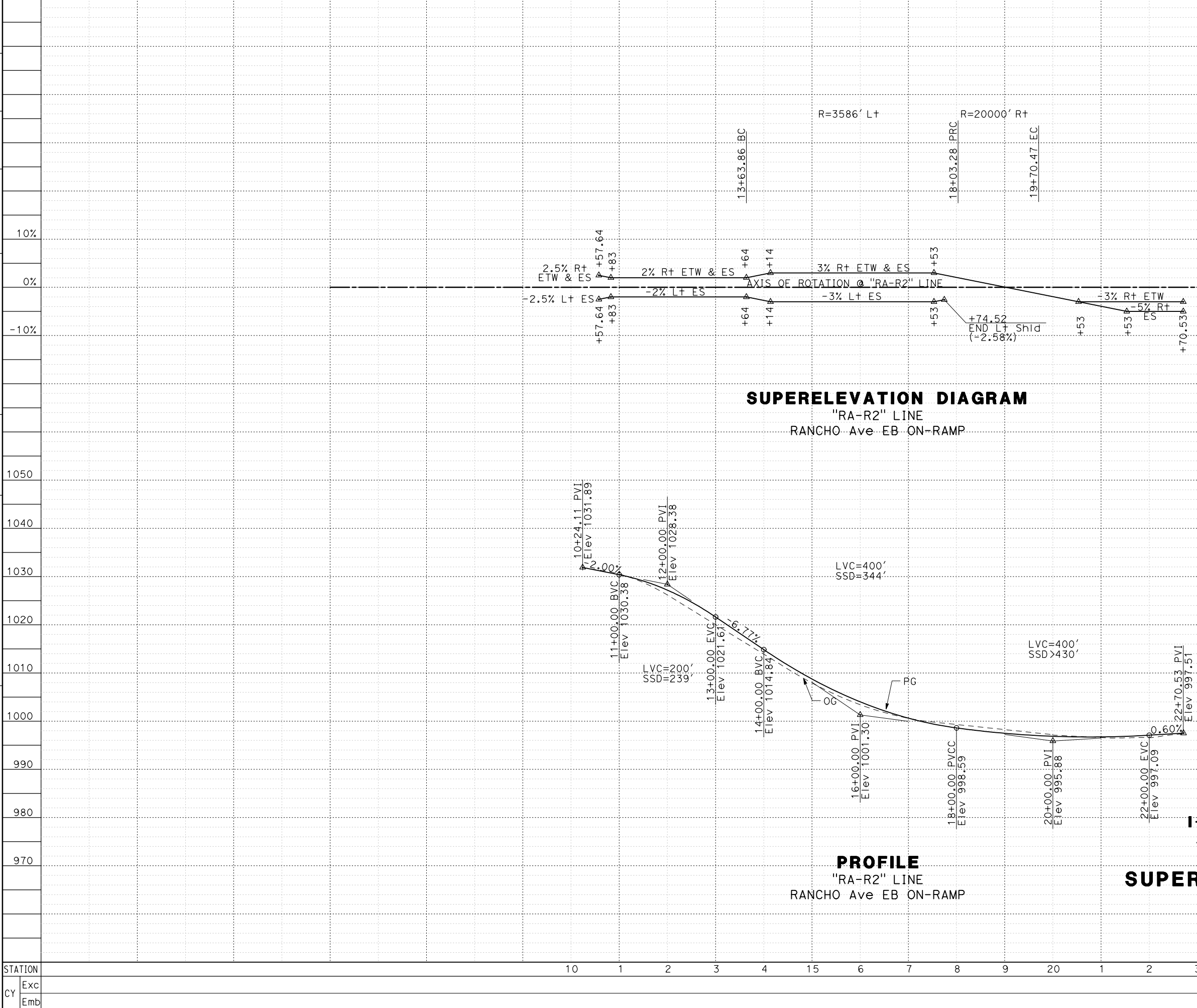
I-10 CORRIDOR PROJECT ALTERNATIVE 2 - HOV PROFILE AND SUPERELEVATION DIAGRAM

RA-R1
PS-35

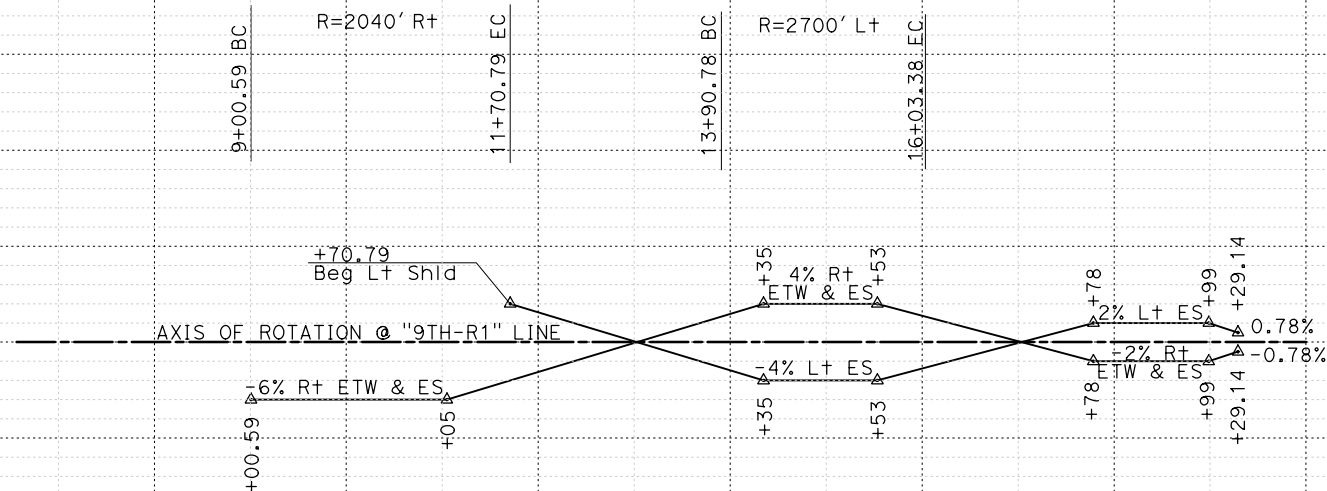
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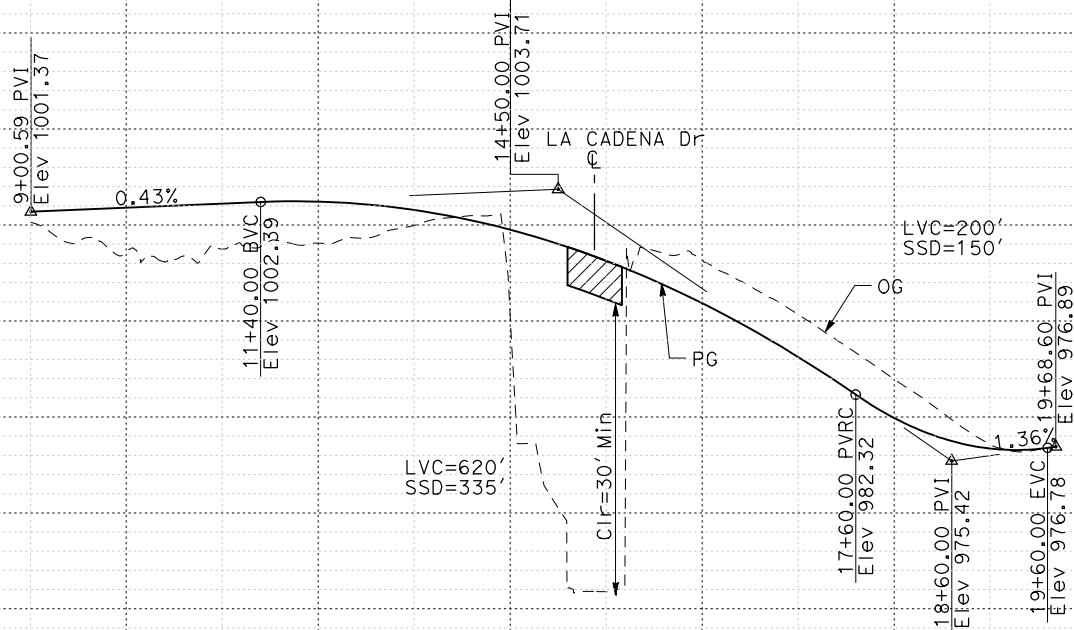
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION				CONSULTANT		FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		REVISD BY		DATE REVISED	
													



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		
			10%		
			0%		
			-10%		
			1050		
			1040		
			1030		
			1020		
			1010		
			1000		
			990		
			980		
			970		



SUPERELEVATION DIAGRAM
"9TH-R1" LINE
9TH ST EB OFF-RAMP



PROFILE
"9TH-R1" LINE
9TH ST EB OFF-RAMP

1-10 CORRIDOR PROJECT ALTERNATIVE 2 - HOV PROFILE AND SUPERELEVATION DIAGRAM

SCALE Horiz 1" = 100'
Vert 1" = 10'

9TH-R1
PS-37

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Sbd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		

[illegible]

TOTAL SHEETS	
INSTRUMENTS	
NO. 92410	
10%	
0%	
-10%	
1020	
1010	
1000	
990	
980	
970	
960	
950	
TOTAL	

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



CY
Exc
Emb

STATION

10%

0%

-10%

990

980

970

960

950

940

930

920

10

1

2

3

4

15

6

7

TOTAL

BORDER LAST REVISED 7/2/2010

USERNAME => p004075A
DGN FILE => 47_MOUNT_VERNON_Profile_HOV.dgn

RELATIVE BORDER SCALE
IS IN INCHES



UNIT 2232

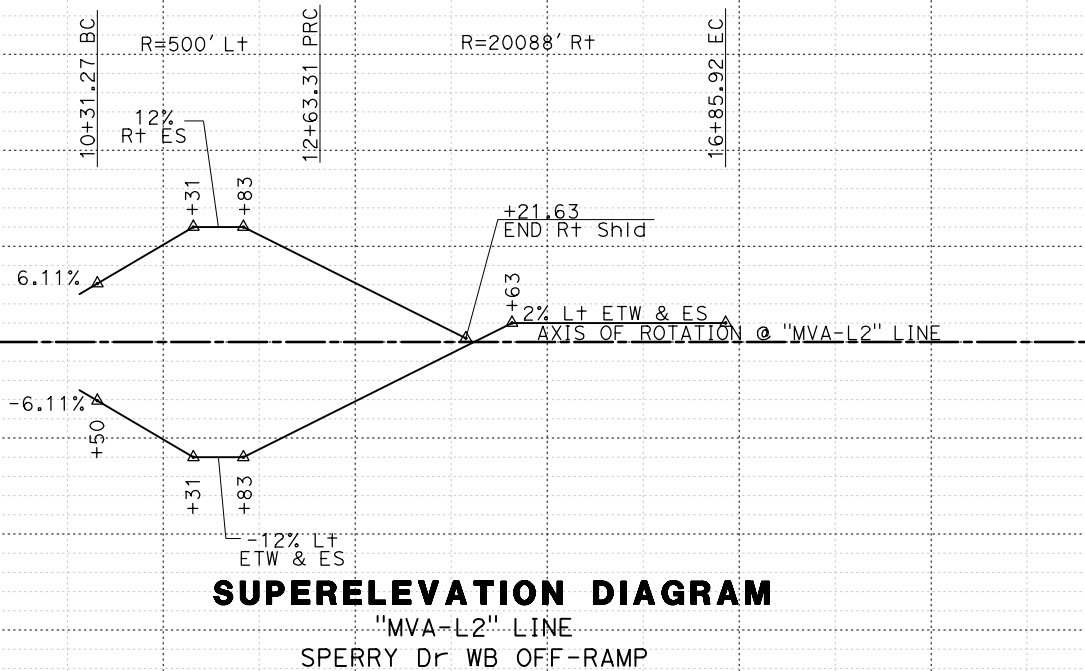
PROJECT NUMBER & PHASE

0800000040

I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM

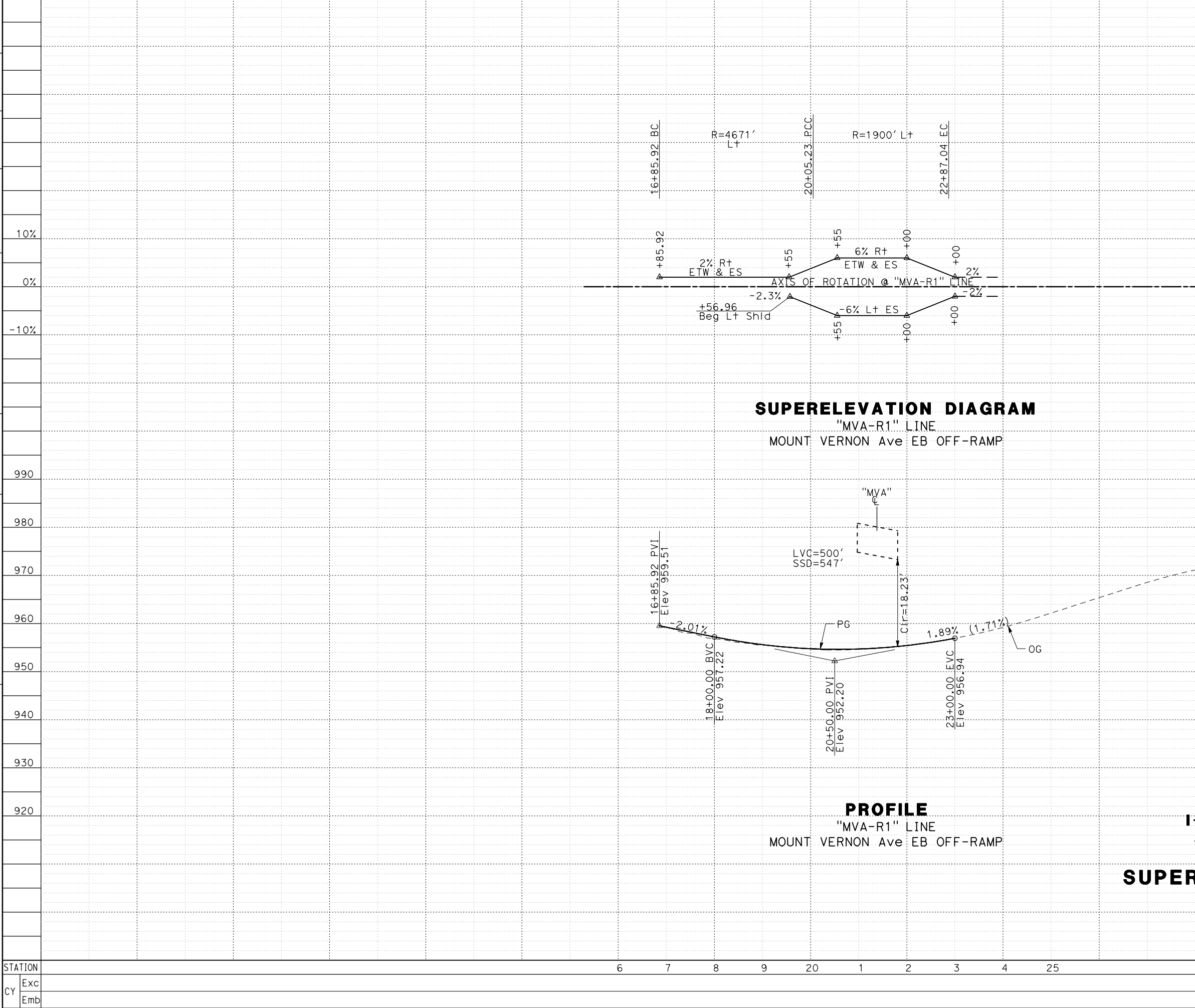
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Vert 1" = 10'

MVA-L2
PS-39



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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT		FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		REVISD BY		DATE REVISED	
Caltrans											



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		

**I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV**

**PROFILE AND
SUPERELEVATION DIAGRAM**

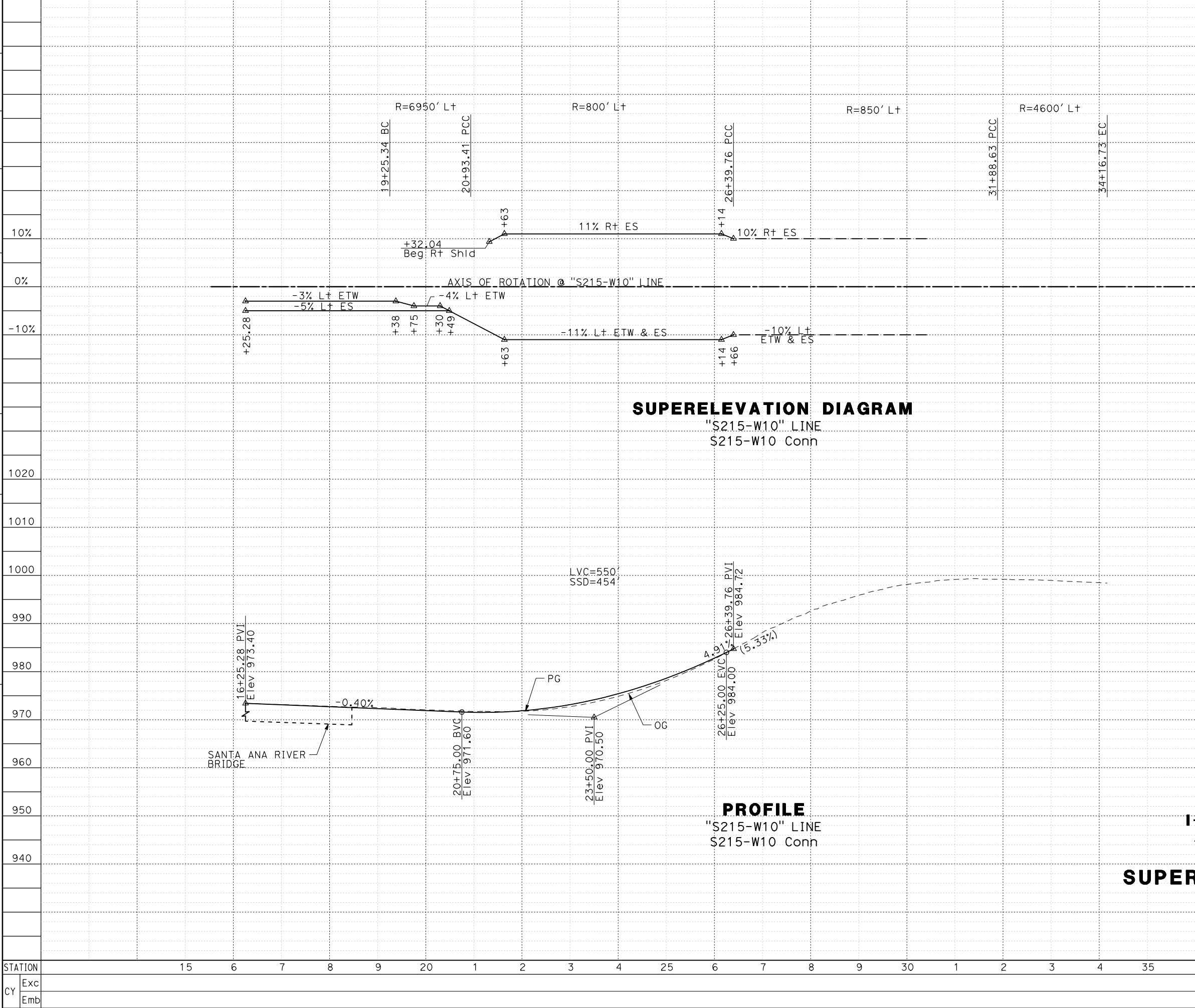
SCALE Horiz 1" = 100'
Vert 1" = 10'

**MVA-R1
PS-40**

STATION	6	7	8	9	20	1	2	3	4	25	TOTAL
CY	Exc										
	Emb										

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT		FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		CHECKED BY		REVISOR		DATE		REVISION	
x		x		x		x		x		x		x		x	



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		
					10%
					0%
					-10%
					1020
					1010
					1000
					990
					980
					970
					960
					950
					940
					</

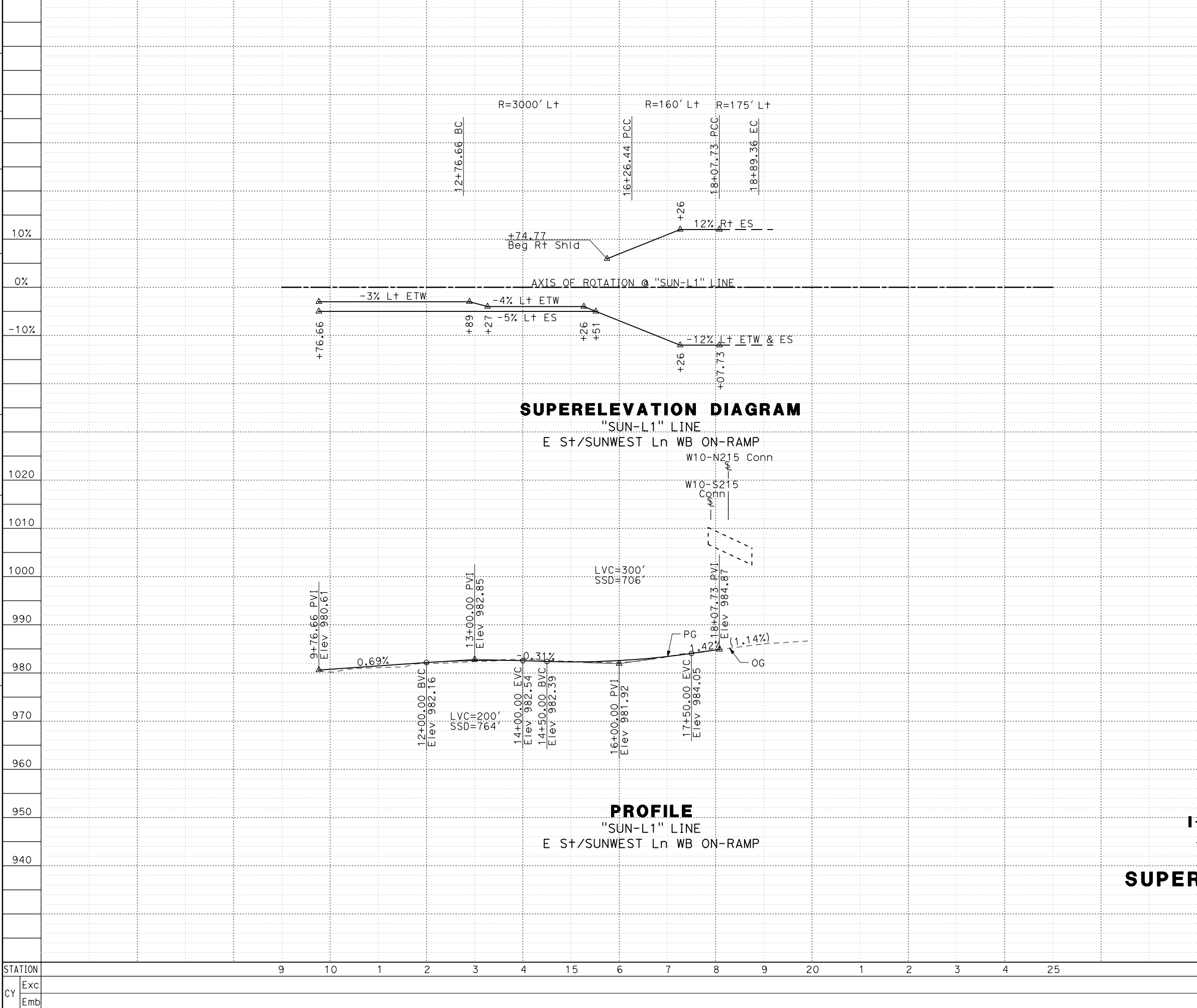
I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM
SCALE Horiz 1" = 100'
Vert 1" = 10'
S215-W10
PS-43

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT		FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		CHECKED BY		REVISIED BY		DATE REVISED	
x		x		x		x		x		x		x	



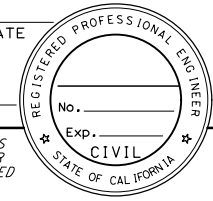
CY	Exc
	Emb



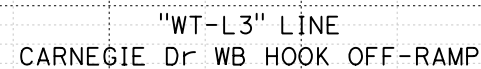
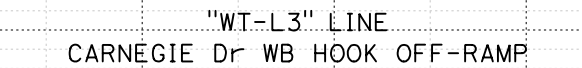
**I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM**
SCALE Horiz 1" = 100'
Vert 1" = 10'

**SUN-L1
PS-44**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBD	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		



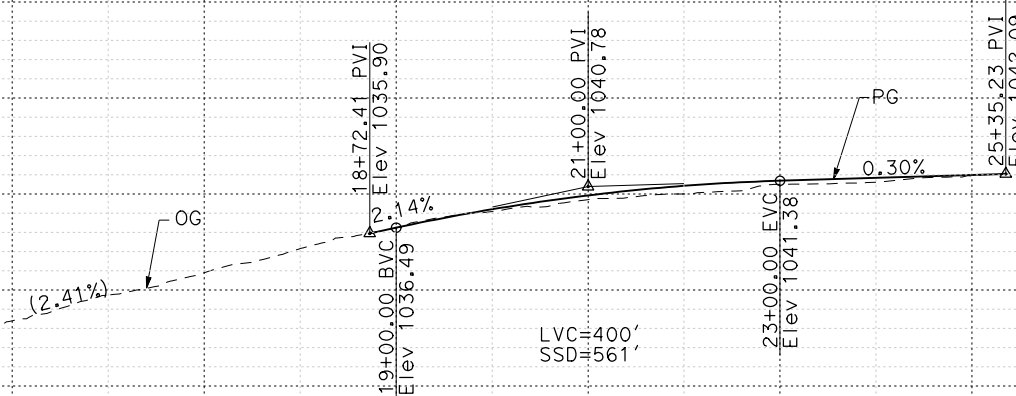
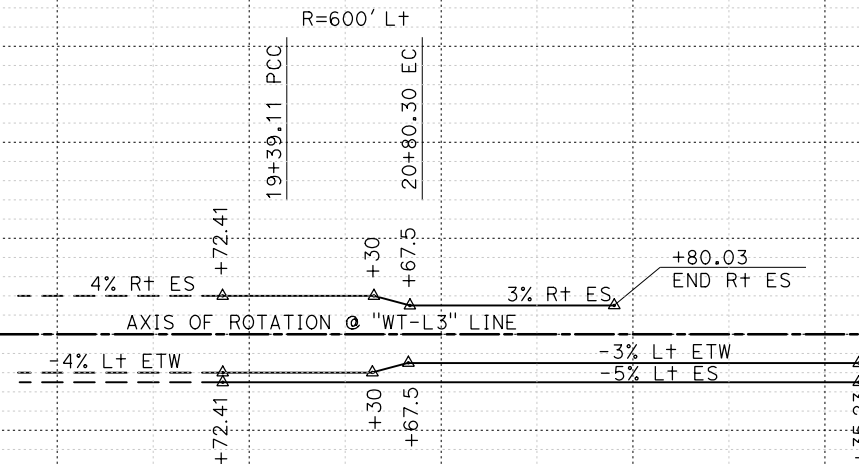
	0%
-10%	
	1060
	1050
	1040
	1030
TOTAL	



SCALE Horiz 1" = 100'
Vert 1" = 10'

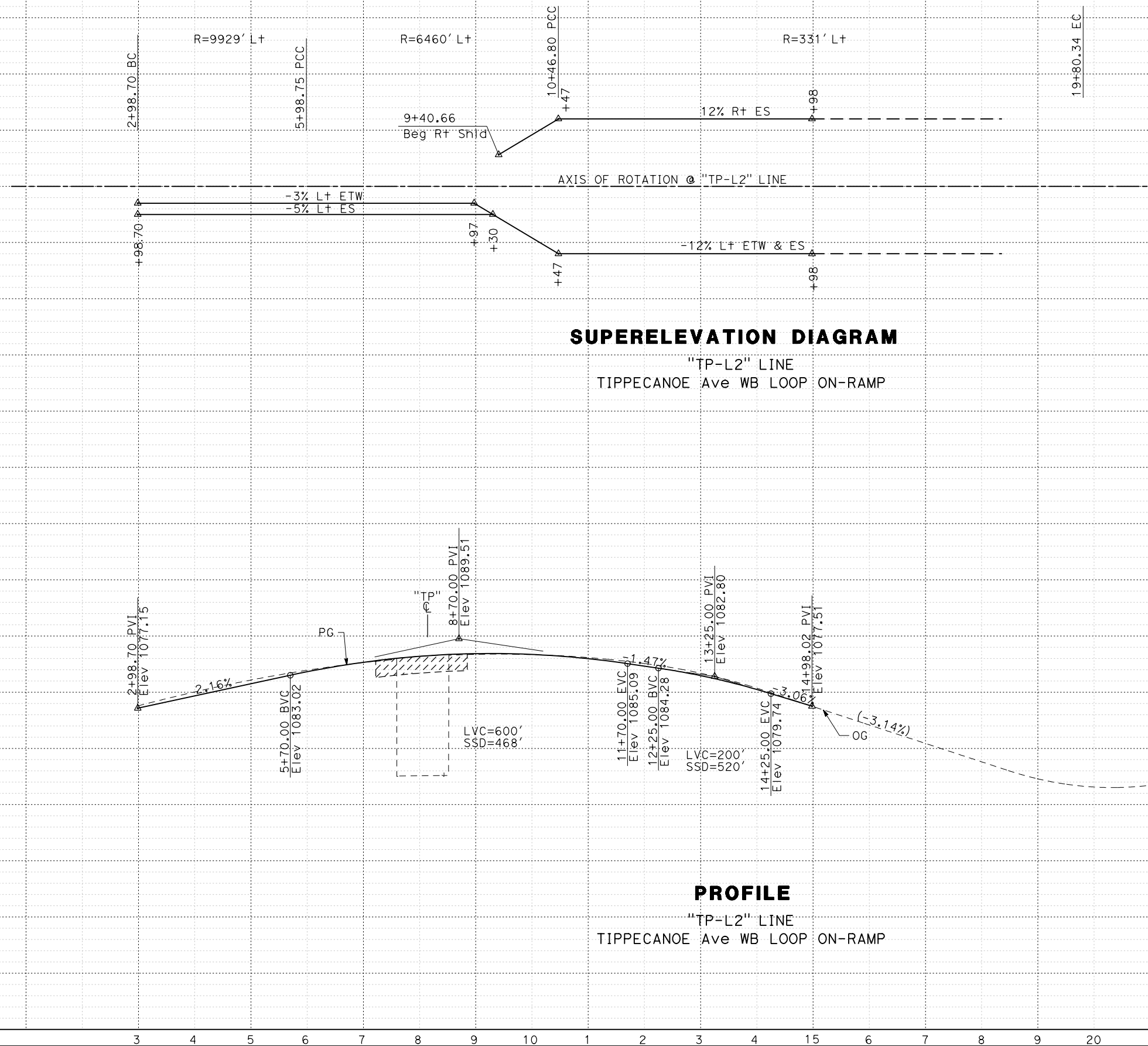
WT-L3
PS-47

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER _____ DATE _____ PLANS APPROVAL DATE _____  <i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i>					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		

[illegible]

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT FUNCTIONAL SUPERVISOR	
		CALCULATED- DESIGNED BY	REVISED BY
		CHECKED BY	DATE REVISED

CY	Exc
	Emb



SUPERELEVATION DIAGRAM

"TP-L2" LINE	
TIPPECANOE Ave WB LOOP ON-RAMP	

PROFILE

"TP-L2" LINE
TIPPECANOE Ave WB LOOP ON-RAMP

I-10 CORRIDOR PROJECT ALTERNATIVE 2 - HOV PROFILE AND SUPERELEVATION DIAGRAM

SCALE Horiz 1" = 100'
Vert 1" = 10'

TP-L2
PS-49

Dis*	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE					
<i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i>					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		REVISED BY			
				CHECKED BY		DATE REVISED			

[illegible]

	Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS
	08	SBd	10	4.7/R37.0	
	REGISTERED CIVIL ENGINEER DATE				
	PLANS APPROVAL DATE				
	THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.				
	PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410	
10%					

REGISTERED PROFESSIONAL ENGINEER
No. _____
Exp. ____
CIVIL
STATE OF CALIFORNIA

R=9929' L+

2+98.70 BC

5+98.75 PCC

R=6460' L+

9+40.66 Beg R+ Shld

10+46.80 PCC

R=331' L+

19+80.34 EC

12% R+ ES

-3% L+ ETW
-5% L+ ES

AXIS OF ROTATION @ "TP-L2" LINE

-12% L+ ETW & ES

SUPERELEVATION DIAGRAM

"TP-L2" LINE
TIPPECANOE Ave WB LOOP ON-RAMP

2+98.70 PVI Elev 1077.15

5+70.00 BVC Elev 1083.02

PG

"TP"

8+70.00 PVI Elev 1089.51

LVC=600'
SSD=468'

11+70.00 EVC Elev 1085.09

12+25.00 BVC Elev 1084.28

LVC=200'
SSD=520'

13+25.00 PVI Elev 1082.80

14+25.00 EVC Elev 1079.74

15+44+98.02 PVI Elev 1077.51

OG (-3.14%)

Grades: 2.16%, -1.47%, 3.06%

PROFILE

"TP-L2" LINE
TIPPECANOE Ave WB LOOP ON-RAMP

I-10 CORRIDOR PROJECT ALTERNATIVE 2 - HOV PROFILE AND SUPERELEVATION DIAGRAM

SCALE Horiz 1" = 100'
Vert 1" = 10'

TP-L2
PS-49

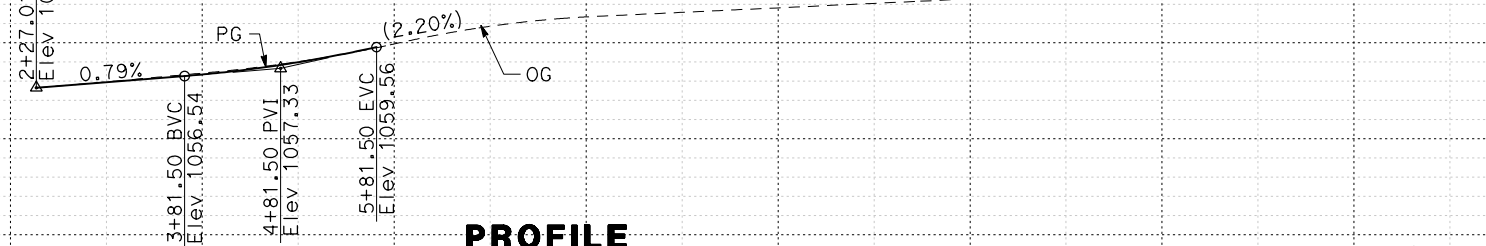
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TOTAL

DATE PLOTTED => 7/29/2015	TIME PLOTTED => 9:27:10 AM
LAST REVISION	
00-00-00	



TIPPECANOE Ave EB OFF-RAMP



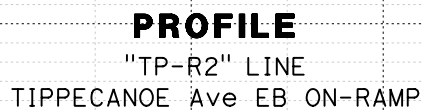
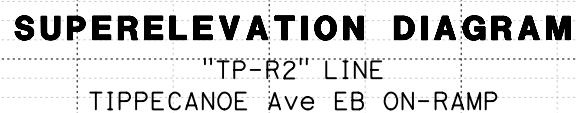
TIPPECANOE Ave EB OFF-RAMP

SCALE Horiz 1" = 100'
Vert 1" = 10'

TP-R1
PS-51

STATION	
CY	Exc
	Emb

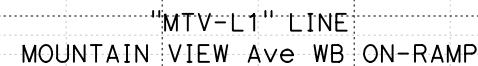
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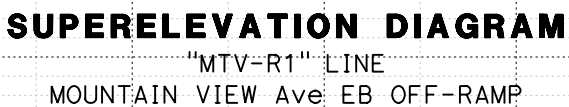


SCALE Horiz 1" = 100'
Vert 1" = 10'

TP-R2
PS-52

STATION		8	9	10	1	2	3	4	15	6	7	8	9	20	1	2	3
CY	Exc																
	Emb																



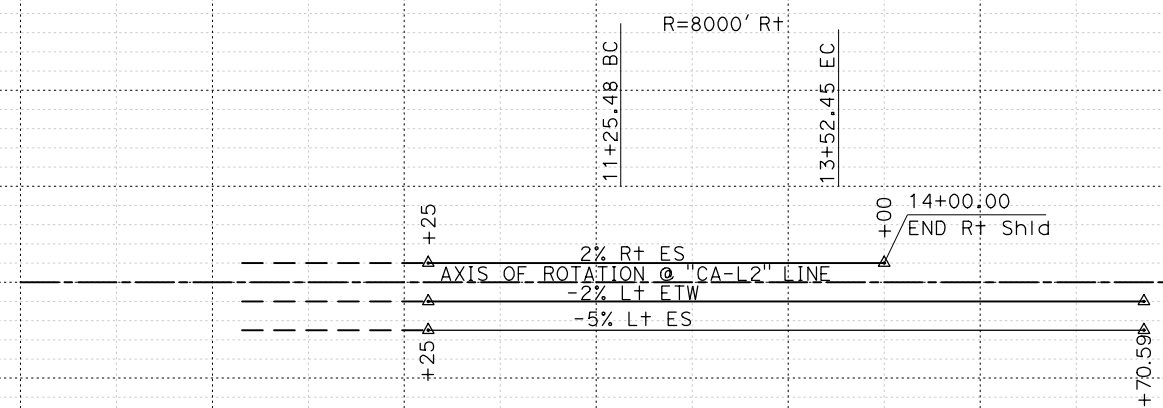


SCALE Horiz 1" = 100'
Vert 1" = 10'

MTV-R1
PS-56

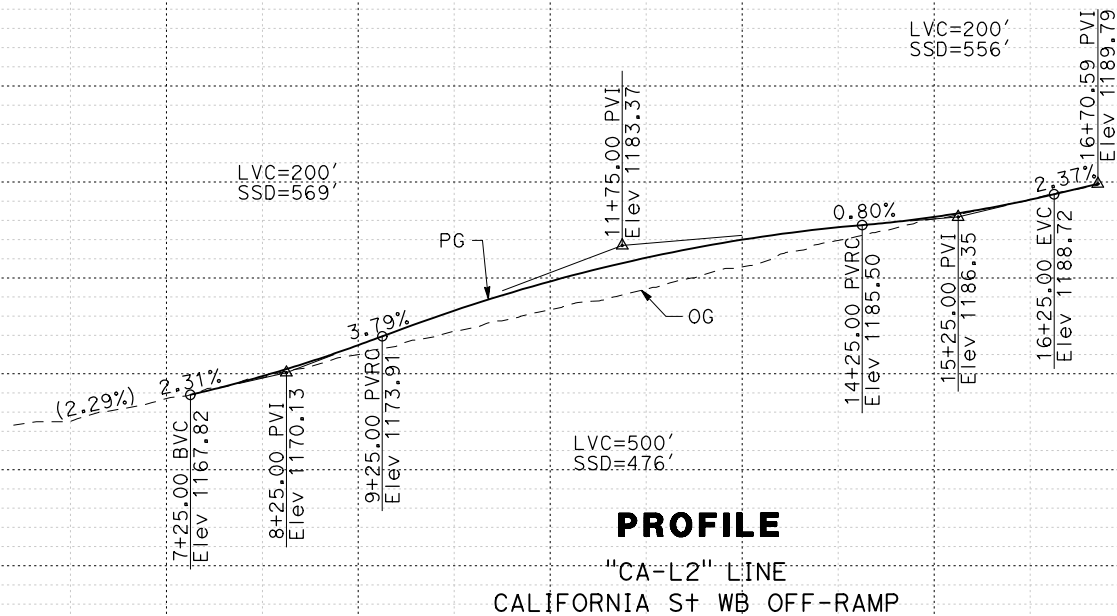
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DATE PLOTTED => 7/29/2015	TIME PLOTTED => 9:27:34 AM
LAST REVISION	
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SUPERELEVATION DIAGRAM

"CA-L2" LINE
CALIFORNIA ST WB OFF-RAMP



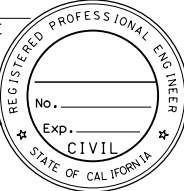
PROFILE

"CA-L2" LINE
CALIFORNIA ST WB OFF-RAMP

I-10 CORRIDOR PROJECT ALTERNATIVE 2 - HOV PROFILE AND SUPERELEVATION DIAGRAM

SCALE Horiz 1" = 100'
Vert 1" = 10'

CA-L2
PS-59

	Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
	08	SBd	10	4.7/R37.0		
	REGISTERED CIVIL ENGINEER DATE					
	PLANS APPROVAL DATE 					
	<i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i>					
10%	PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		

SUPERELEVATION DIAGRAM
 "CA-L2" LINE
 CALIFORNIA ST WB OFF-RAMP

PROFILE
 "CA-L2" LINE
 CALIFORNIA ST WB OFF-RAMP

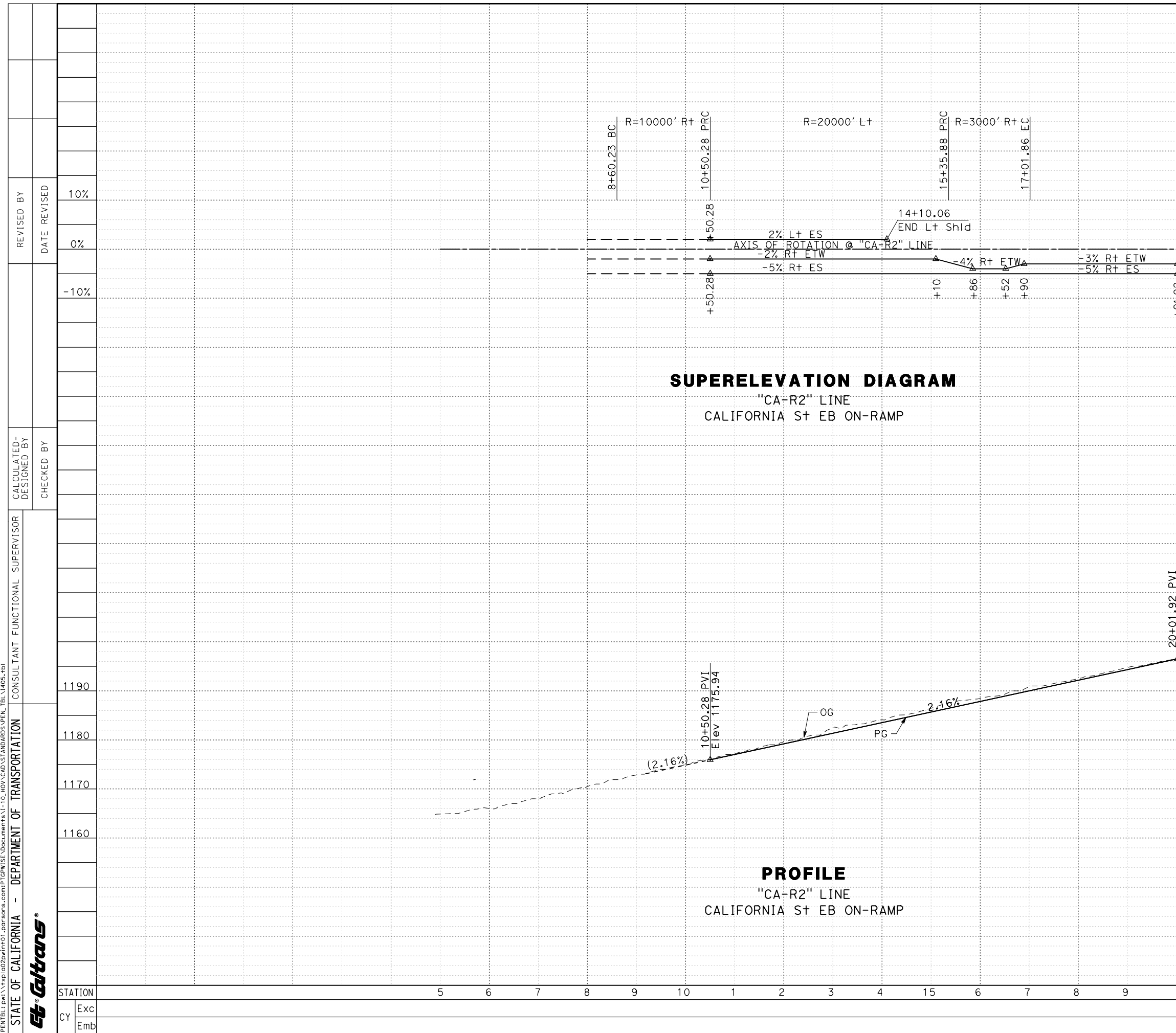
STATION

CY

Exc

Emb

TOTAL SHEETS	
	
INSTRUMENTS	
NO. 92410	
	0%
	-10%
	1210
	1200
	1190
	1180
	1170
	1160
	1150
TOTAL	



	Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
	08	SBd	10	4.7/R37.0		
	REGISTERED CIVIL ENGINEER					DATE
	PLANS APPROVAL DATE					
	<i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i>					
10%	PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		

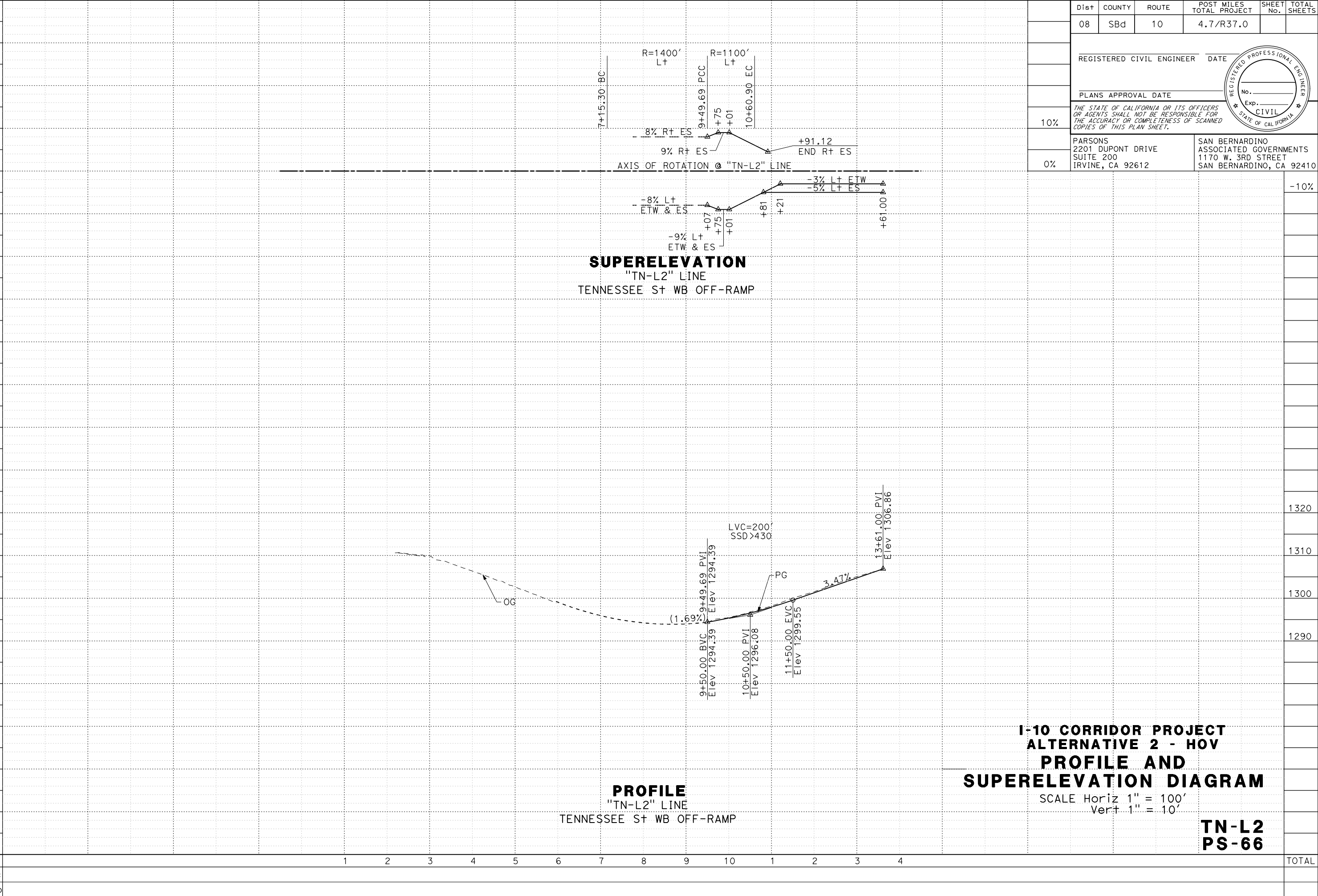
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT		FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		REVISOR		DATE	
x		x		x		x		REVISOR		DATE	
								DESIGNED BY		CHECKED BY	



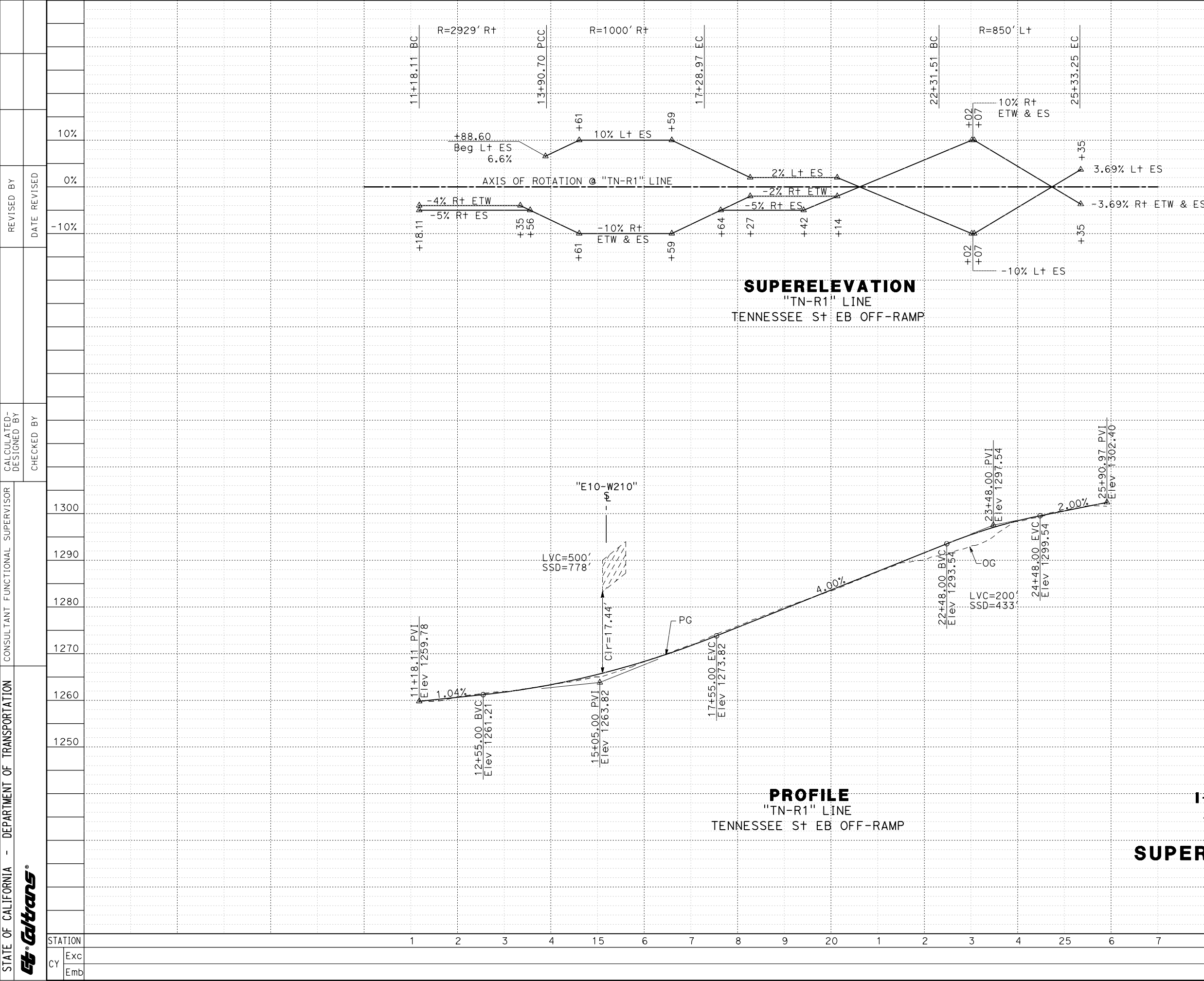
STATION		CY		Exc		Emb	
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1310							
1300							
1290							



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		



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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT
FUNCTIONAL SUPERVISOR
X
DESIGNED BY
CHECKED BY
X
REVISOR
DATE
X
REVISOR
DATE



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		

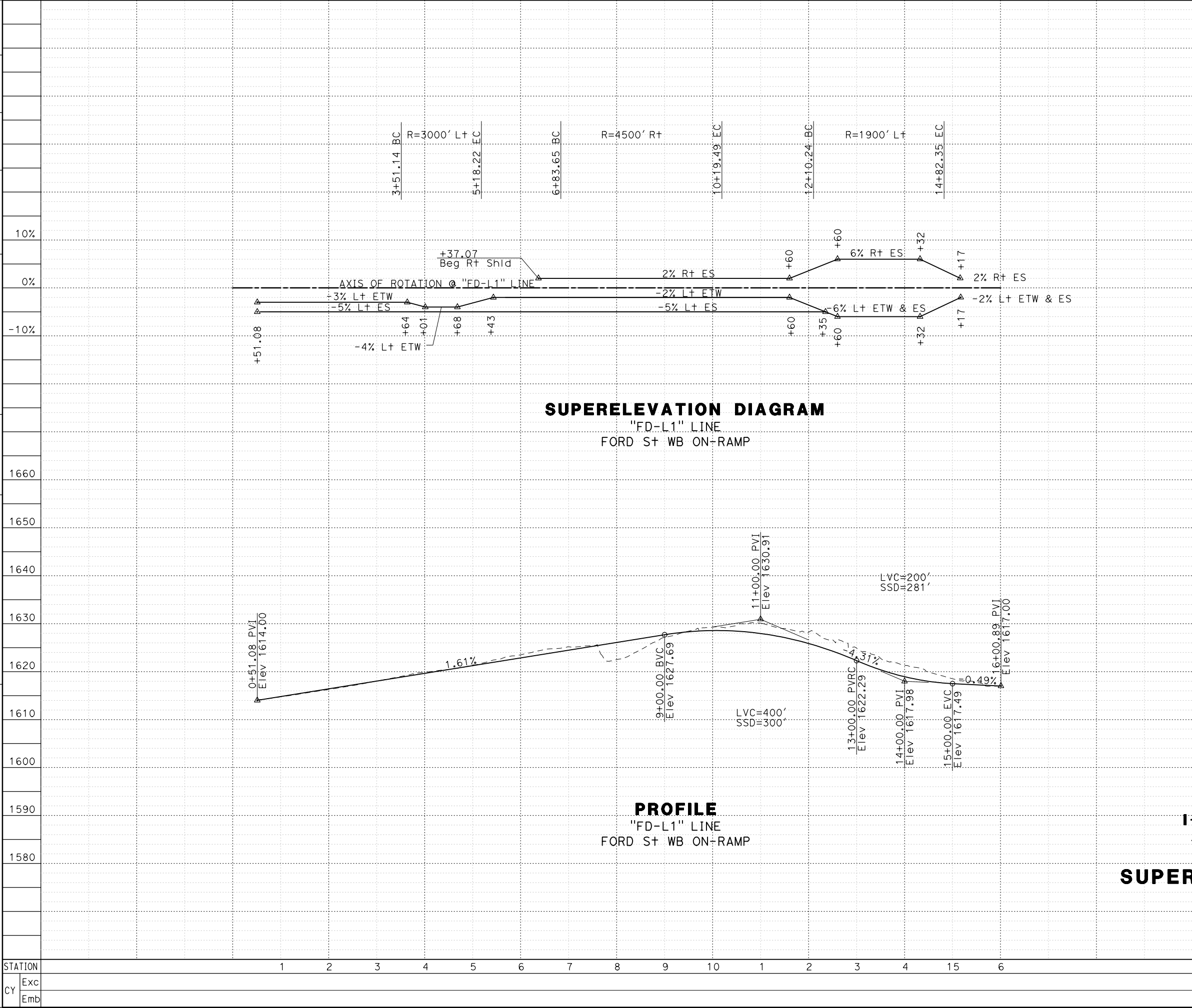


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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



STATION	Exc	Emb
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
1		
2		
3		
4		
15		
6		
TOTAL		



I-10 CORRIDOR PROJECT
ALTERNATIVE 2 - HOV
PROFILE AND
SUPERELEVATION DIAGRAM
SCALE Horiz 1" = 100'
Vert 1" = 10'

FD-L1
PS-69

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	10	4.7/R37.0		
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.			Exp.		
PARSONS 2201 DUPONT DRIVE SUITE 200 IRVINE, CA 92612			SAN BERNARDINO ASSOCIATED GOVERNMENTS 1170 W. 3RD STREET SAN BERNARDINO, CA 92410		



FILE: c:\pwworking\p0040750\dms517A\71_FORD_Profile_HOV.dgn

DATE: 7/1/2015

SCALE: 200,000 FT = 1 in.

PLTDR: c:\pwworking\p0040750\dms11231\NEW-110-BW-PDF.plt

PENTBL: p0040750\dms11231\p0040750.dgn

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

CALCULATED-DESIGNED BY

CHECKED BY

REVISED BY

DATE REVISED

Dist

COUNTY

ROUTE

POST MILES TOTAL PROJECT

SHEET No.

TOTAL SHEETS

08

SBD

10

4.7/R37.0

REGISTERED CIVIL ENGINEER

DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
2201 DUPONT DRIVE
SUITE 200
IRVINE, CA 92612

SAN BERNARDINO
ASSOCIATED GOVERNMENTS
1170 W. 3RD STREET
SAN BERNARDINO, CA 92410

REGISTERED PROFESSIONAL ENGINEER

No.

Exp.

CIVIL

STATE OF CALIFORNIA

10%

0%

-10%

10

1

2

3

4

15

6

7

8

9

20

1

2

3

4

25

6

7

8

9

30

Exc

Emb

10%

0%

-10%

1690

1680

1670

1660

1650

1640

1630

1620

1610

11+02.50 PVI
Elev 1621.11

12+00.00 BVC
Elev 1622.09

13+00.00 PVI
Elev 1623.09

14+00.00 EVC
Elev 1625.97

18+00.00 BVC
Elev 1637.49

19+00.00 PVI
Elev 1640.37

20+00.00 EVC
Elev 1643.62

22+10.00 BVC
Elev 1650.46

23+10.00 PVI
Elev 1653.72

24+10.00 EVC
Elev 1655.96

27+00.00 BVC
Elev 1662.45

28+00.00 PVI
Elev 1664.69

29+00.00 EVC
Elev 1667.45

29+69.98 PVI
Elev 1669.37

1.00%

2.88%

3.26%

2.24%

OG

PG

LVC=200'
SSD=2987'

LVC=200'
SSD=1970'

LVC=200'
SSD=754'

LVC=200'
SSD=1470'

2% L+ ES

-2% R+ ETW

-5% R+ ES

2% L+ ES

-2% R+ ETW

-5% R+ ES

2% R+ ETW & ES

R=5000' R+

R=5000' L+

18+95.98 BC

20+14.27 EC

23+31.46 BC

29+69.98 EC

AXIS OF ROTATION @ "FD-R2" LINE

"FD-R2" LINE

FORD ST EB ON-RAMP

SUPERELEVATION DIAGRAM

"FD-R2" LINE

FORD ST EB ON-RAMP

PROFILE

"FD-R2" LINE

FORD ST EB ON-RAMP

I-10 CORRIDOR PROJECT

ALTERNATIVE 2 - HOV

PROFILE AND

SUPERELEVATION DIAGRAM

SCALE Horiz 1" = 100'

Vert 1" = 10'

FD-R2

PS-71

TOTAL