

California High-Speed Rail Authority

Palmdale to Burbank Project Section

Draft Environmental Impact Report/Environmental Impact Statement

Appendix 2-A Roadway and Grade Separation

August 2022



The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being or have been carried out by the State of California pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated July 23, 2019, and executed by the Federal Railroad Administration and the State of California.

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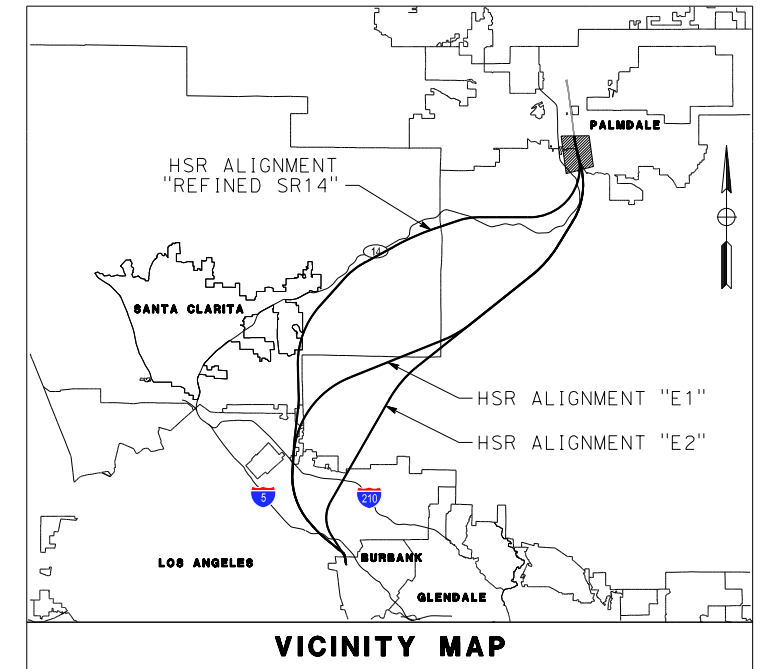
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cordo



E1



LEGEND:

-  ROADWAY PLAN AND ACCESS ROAD PLAN
-  GRADE SEPARATION PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



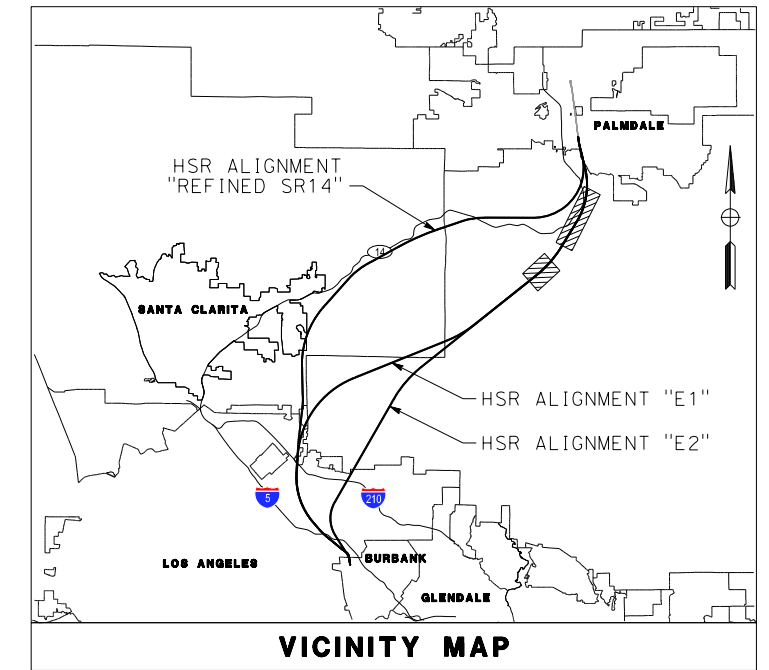
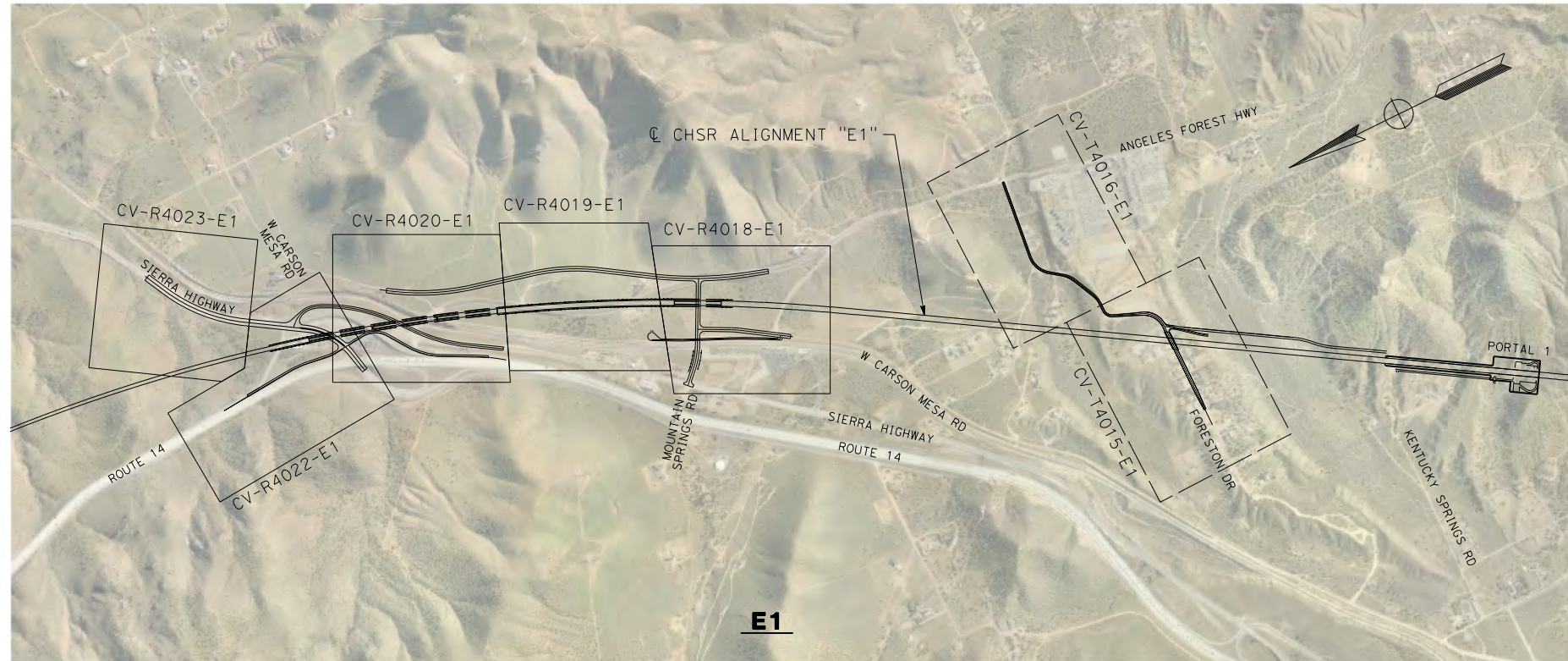
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY AND GRADE SEPARATION PLAN
KEY MAP
SHEET 1 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0001-E1
SCALE
AS SHOWN
SHEET NO.

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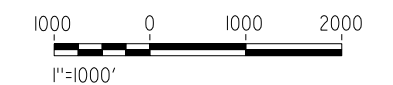
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LEGEND:

- ROADWAY PLAN AND ACCESS ROAD PLAN
- GRADE SEPARATION PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
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W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY AND GRADE SEPARATION PLAN
KEY MAP
SHEET 2 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0002-E1
SCALE
AS SHOWN
SHEET NO.

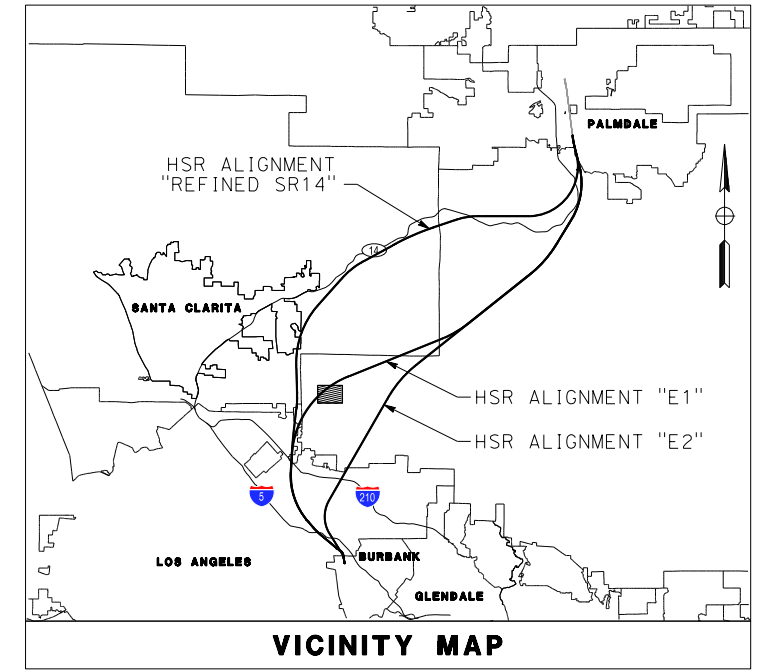
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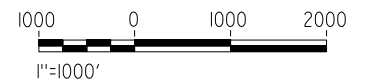


E1



LEGEND:

-  ROADWAY PLAN AND ACCESS ROAD PLAN
-  GRADE SEPARATION PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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A. RELANO
DATE
04/30/2021

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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY AND GRADE SEPARATION PLAN
KEY MAP
SHEET 3 OF 4



CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0003-E1
SCALE
AS SHOWN
SHEET NO.

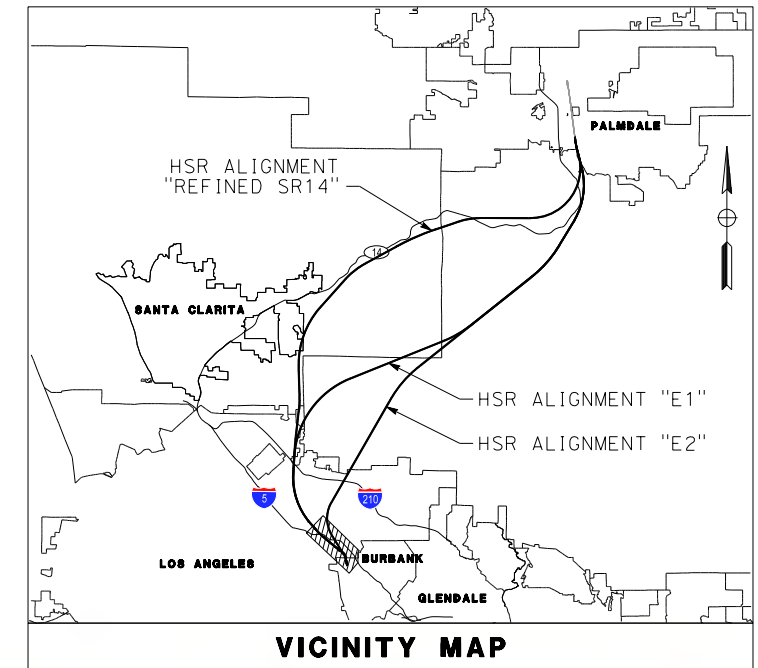
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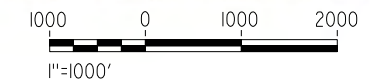
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LEGEND:

-  ROADWAY PLAN
-  GRADE SEPARATION PLAN



E1



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

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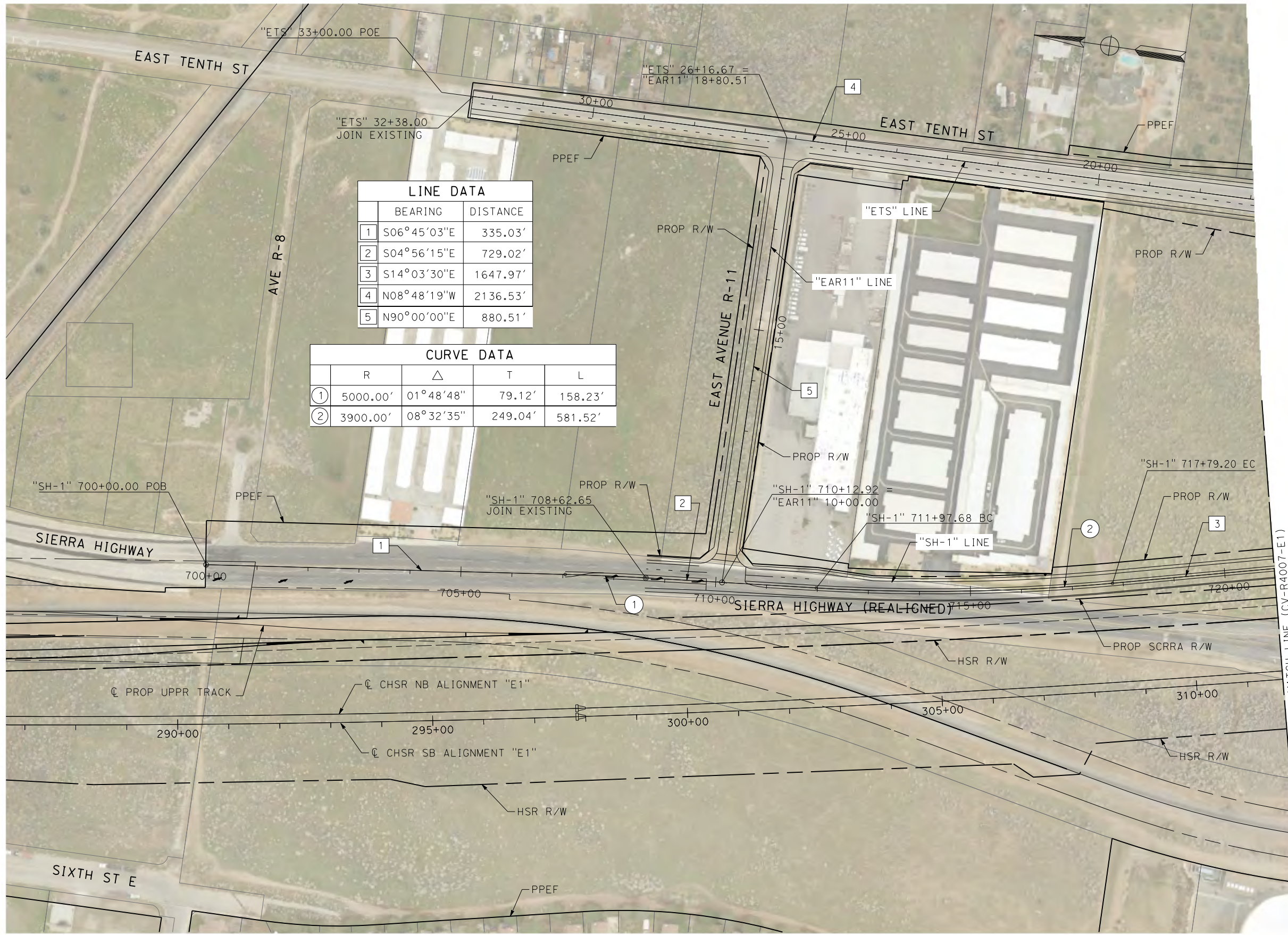
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY AND GRADE SEPARATION PLAN
KEY MAP
SHEET 4 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0004-E1
SCALE
AS SHOWN
SHEET NO.

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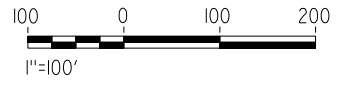
5/9/2021 6:03:43 AM

cordo



LINE DATA		
	BEARING	DISTANCE
1	S06°45'03"E	335.03'
2	S04°56'15"E	729.02'
3	S14°03'30"E	1647.97'
4	N08°48'19"W	2136.53'
5	N90°00'00"E	880.51'

CURVE DATA				
	R	Δ	T	L
①	5000.00'	01°48'48"	79.12'	158.23'
②	3900.00'	08°32'35"	249.04'	581.52'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
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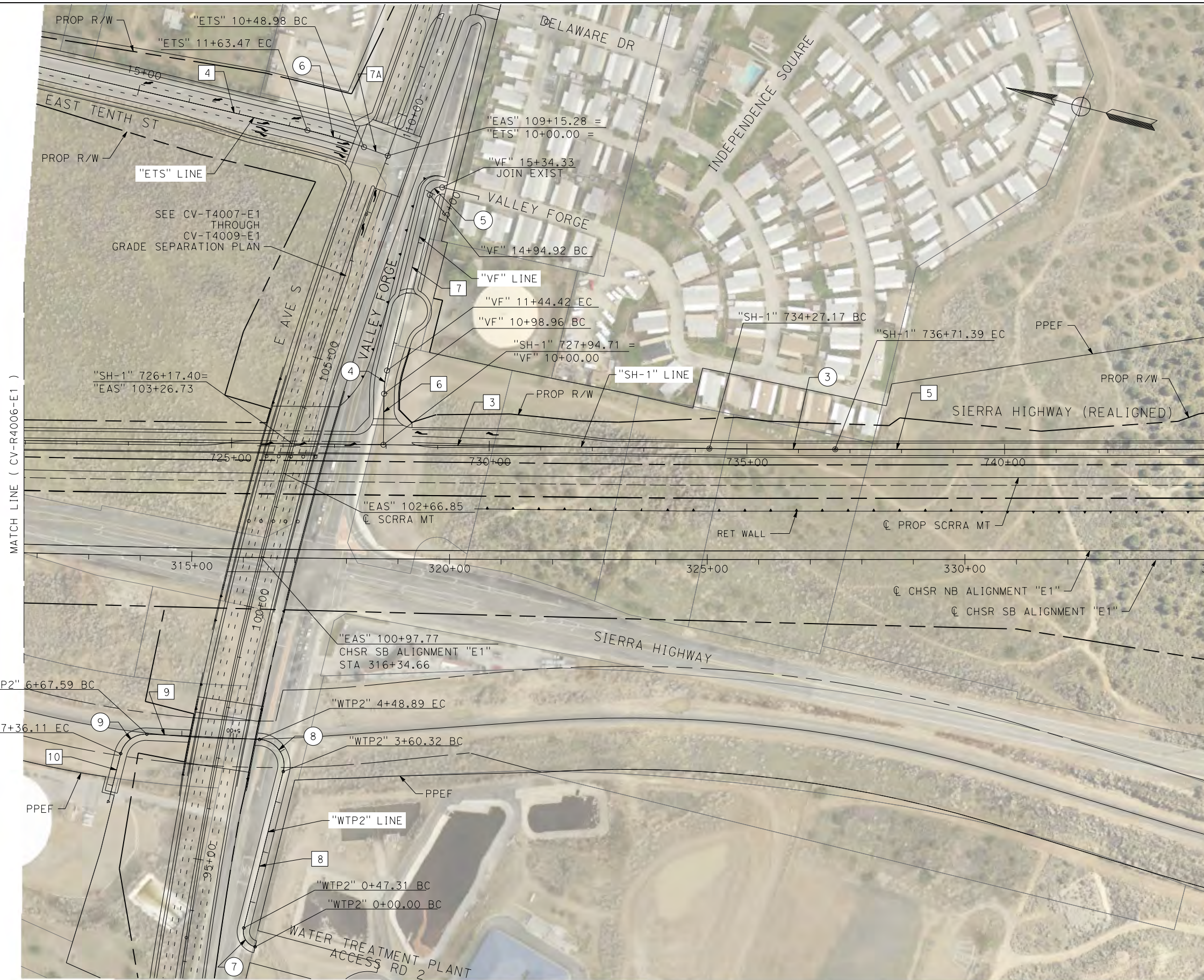
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1"
SHEET 1 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4006-E1
SCALE
AS SHOWN
SHEET NO.

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cordo



LINE DATA		
	BEARING	DISTANCE
3	S13°28'51"E	1647.97'
4	N0°48'19"W	2136.53'
5	S14°10'49"E	3404.81'
6	N76°31'09"E	98.96'
7	N89°32'35"E	350.5'
7A	N05°45'15"E	48.98'
8	S90°00'00"E	313.01'
9	N11°29'20"W	218.71'
10	N90°00'00"W	81.31'

CURVE DATA				
	R	Δ	T	L
3	2000.00'	00°41'59"	122.11'	244.21'
4	200.00'	13°01'26"	22.83'	45.46'
5	20.00'	90°00'00"	20.00'	31.42'
6	1000.00'	06°33'34"	57.30'	114.48'
7	30.00'	90°21'40"	30.19'	47.13'
8	50.00'	01°29'20"	61.18'	88.56'
9	50.00'	78°30'39"	40.86'	114.48'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

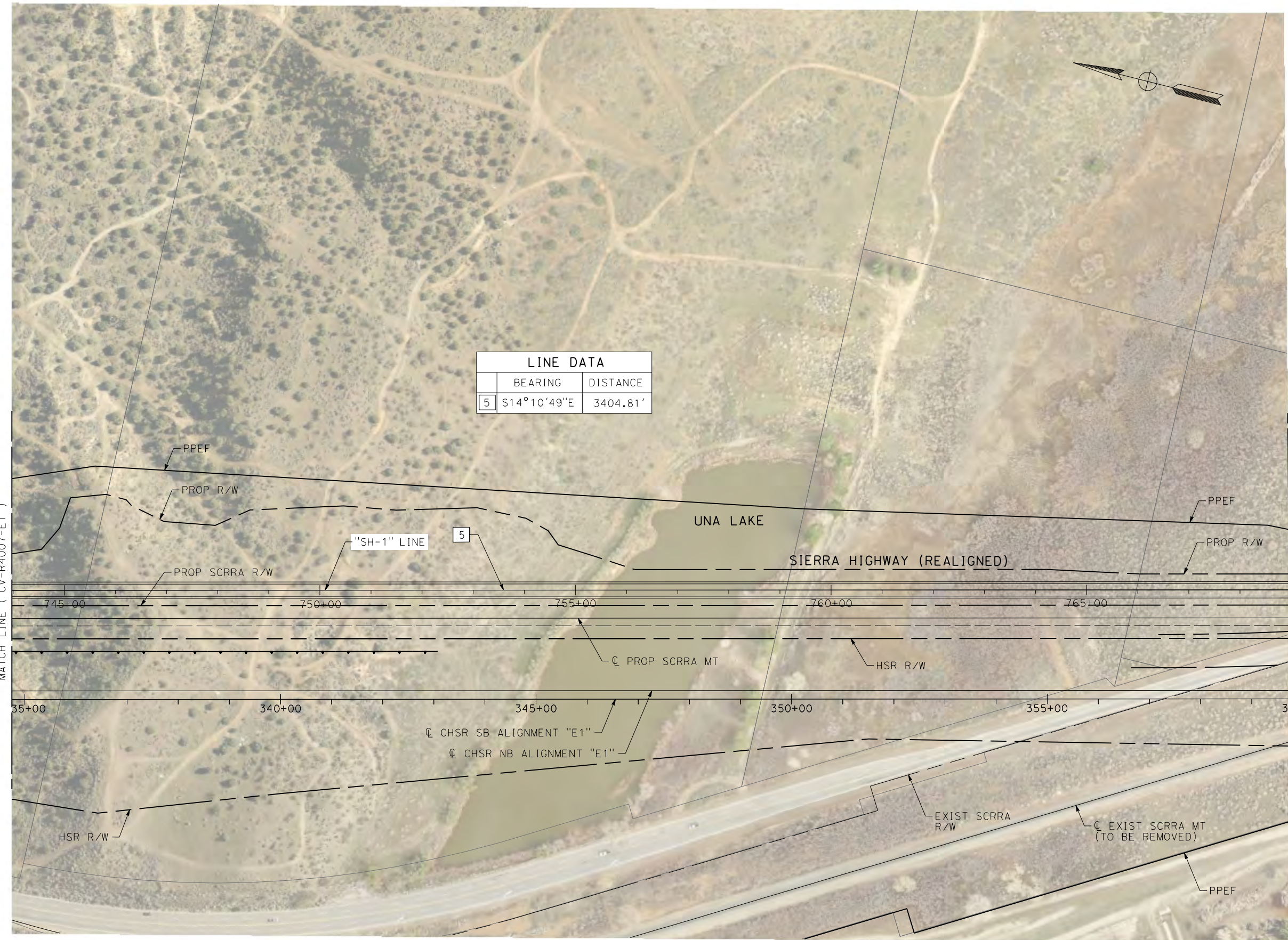
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REV 02
NOT FOR
CONSTRUCTION**



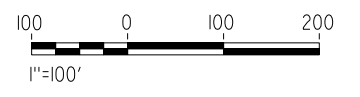
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PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1" AND WATER TREATMENT PLANT
ACCESS RD 2 - SHEET 2 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4007-E1
SCALE
AS SHOWN
SHEET NO.

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LINE DATA		
	BEARING	DISTANCE
5	S14°10'49"E	3404.81'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA

DRAWN BY
A. SANZ

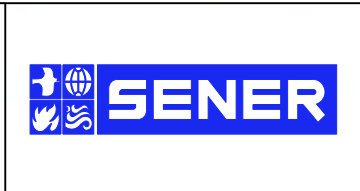
CHECKED BY
W. GUO

IN CHARGE
A. RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK

ALIGNMENT "E1"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1"
SHEET 3 OF 4

CONTRACT NO.
HSR14-42

DRAWING NO.
CV-R4008-E1

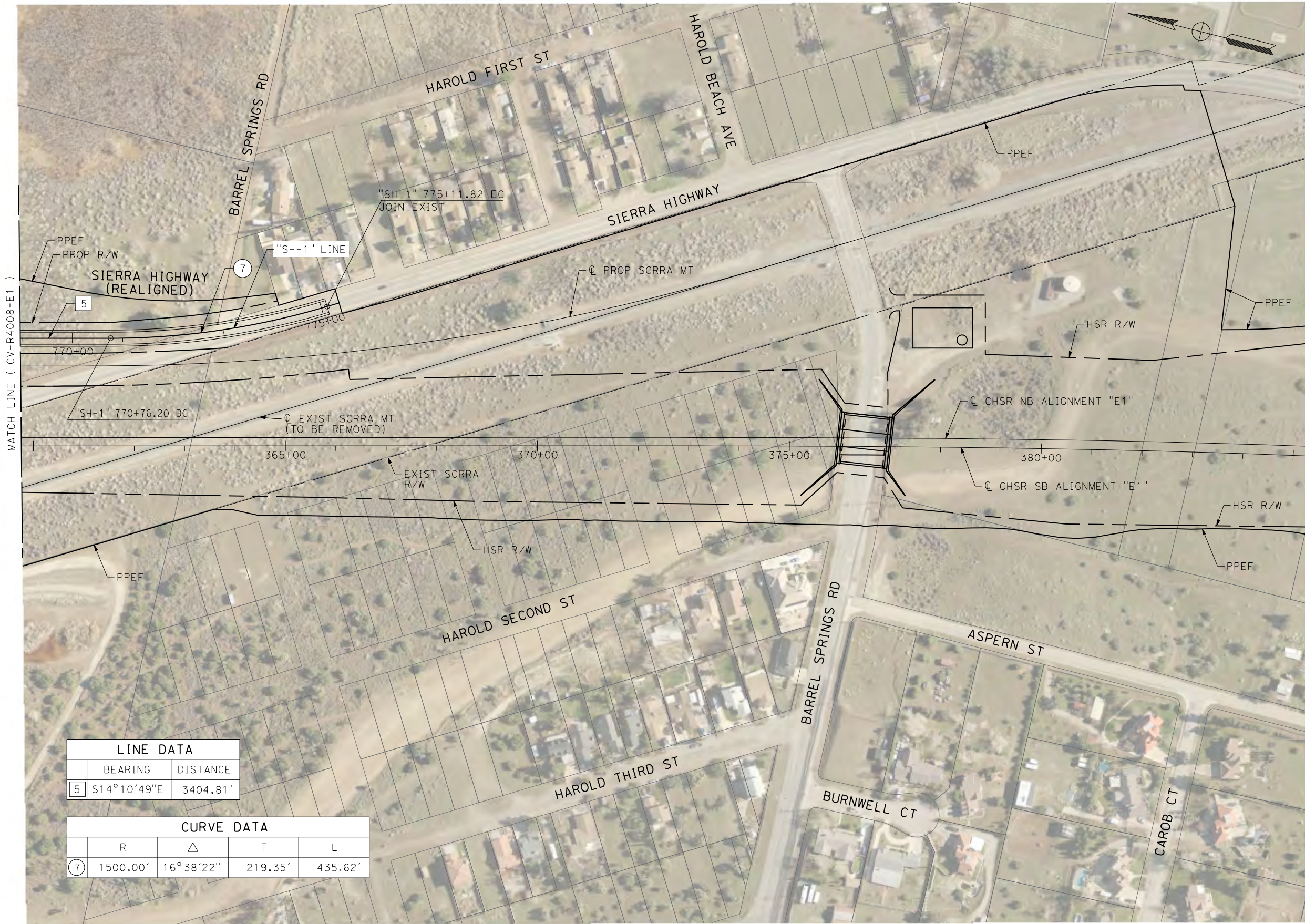
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AS SHOWN

SHEET NO.

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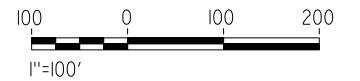
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cordo



LINE DATA	
BEARING	DISTANCE
5 S14°10'49"E	3404.81'

CURVE DATA			
R	Δ	T	L
7 1500.00'	16°38'22"	219.35'	435.62'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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A. SANZ
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W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
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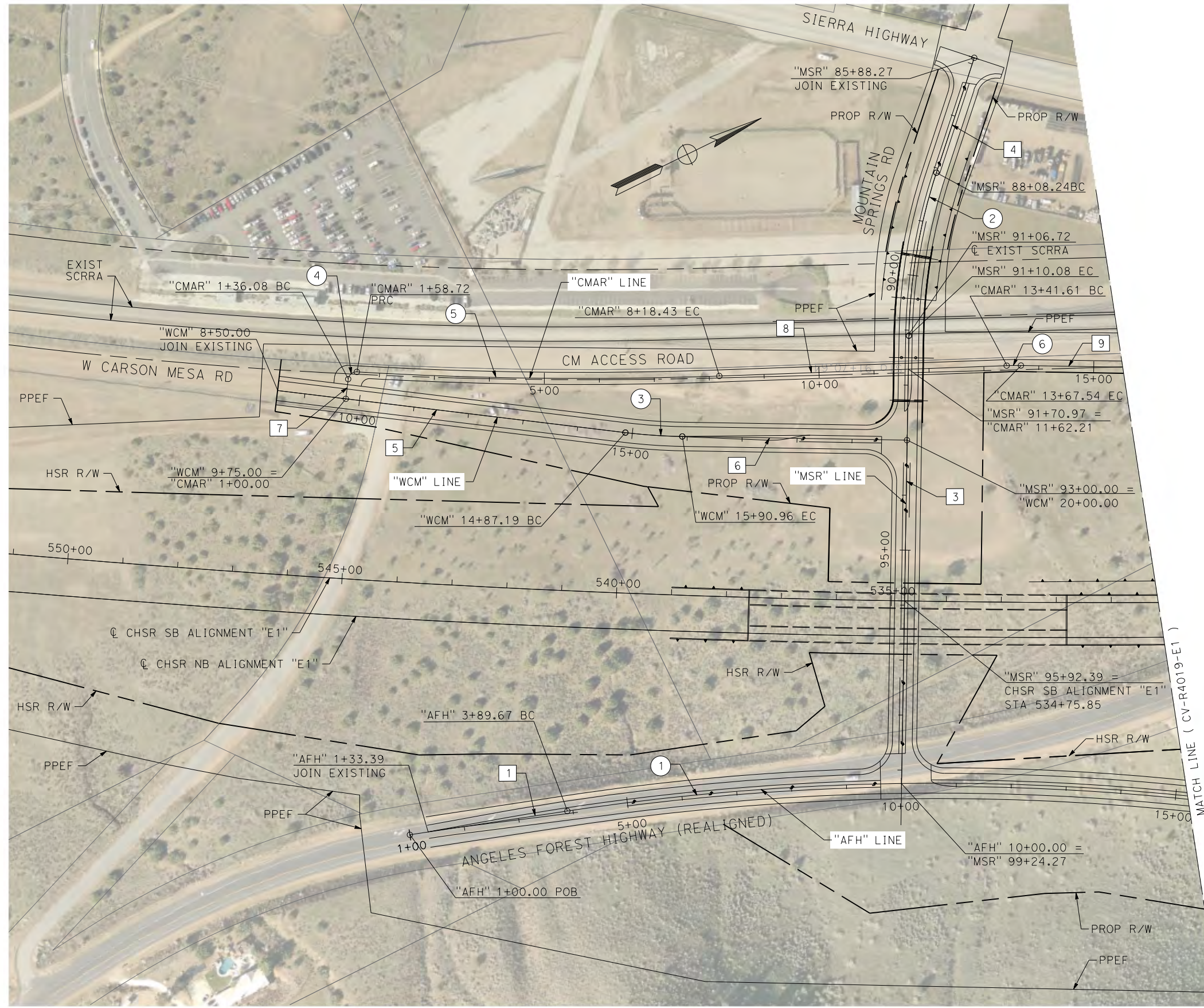
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1"
SHEET 4 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4009-E1
SCALE
AS SHOWN
SHEET NO.

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LINE DATA		
	BEARING	DISTANCE
1	N17°29'36"E	256.29'
3	S62°58'16"E	814.19'
4	S45°40'37"E	219.97'
5	N32°58'29"E	664.55'
6	N27°01'44"E	409.04'
7	N57°01'31"W	36.08'
8	N24°02'23"E	523.18'
9	N27°01'44"E	360.52'

CURVE DATA				
	R	Δ	T	L
①	4500.00'	15°15'24"	602.75'	1198.37'
②	1000.00'	17°17'39"	152.08'	301.84'
③	1000.00'	05°56'46"	51.94'	103.78'
④	15.00'	86°27'45"	14.10'	22.64'
⑤	7003.00'	05°23'51"	330.10'	659.71'
⑥	497.00'	2°59'20"	12.97'	25.93'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



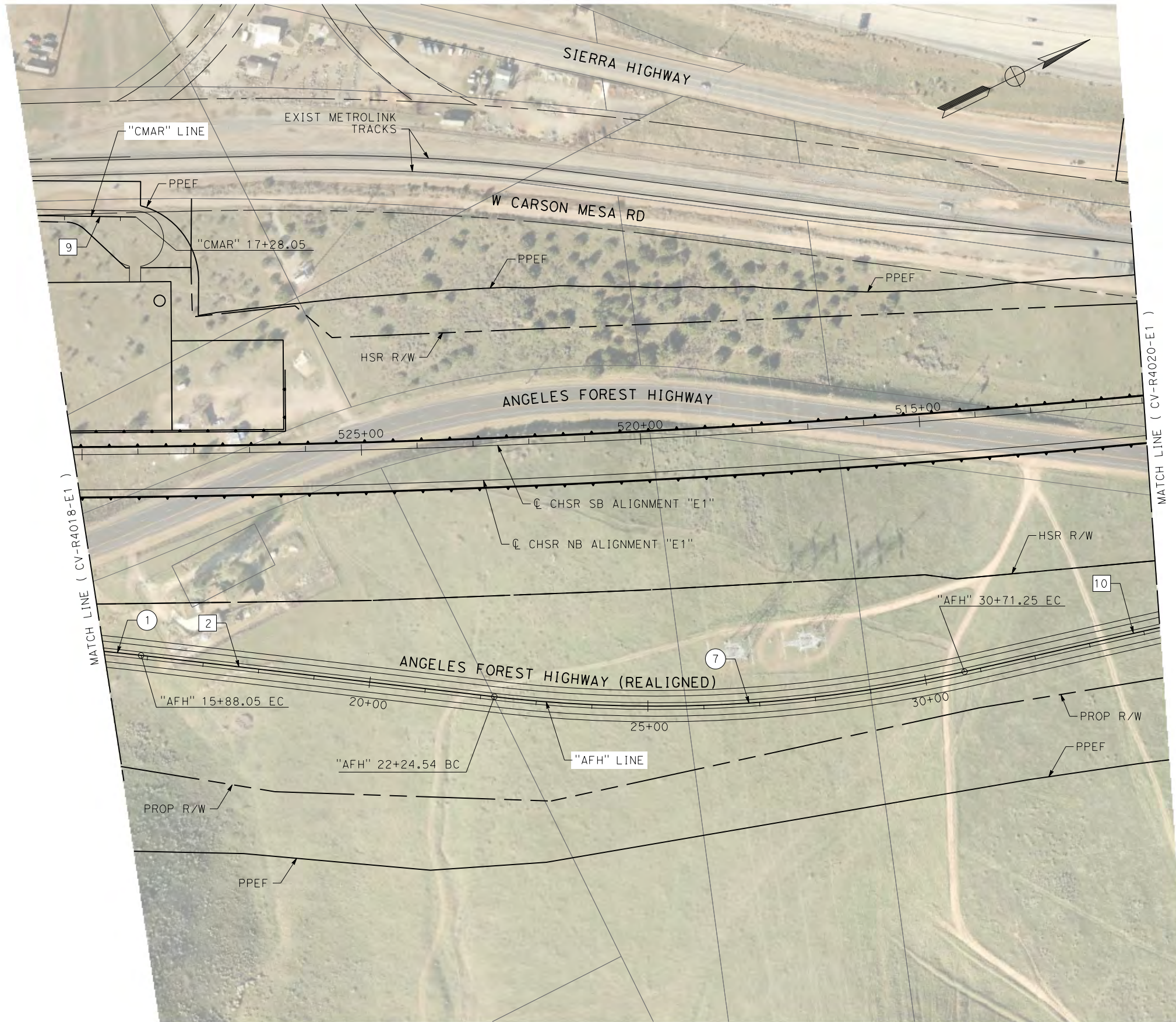
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PLAN
ANGELES FOREST HIGHWAY, W CARSON MESA ROAD
AND MOUNTAIN SPRINGS ROAD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4018-E1
SCALE
AS SHOWN
SHEET NO.

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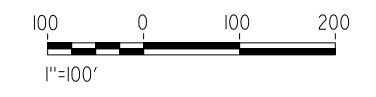
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cordo



LINE DATA		
	BEARING	DISTANCE
2	N32°45'05"E	636.49'
9	N27°01'44"E	360.52'
10	N13°20'47"E	731.75'

CURVE DATA				
	R	Δ	T	L
1	4500.00'	15°15'29"	602.75'	1198.37"
7	2500.00'	19°24'18"	427.45'	846.71'



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IN CHARGE
A. RELANO
DATE
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PEPD RECORD SET
REV 02

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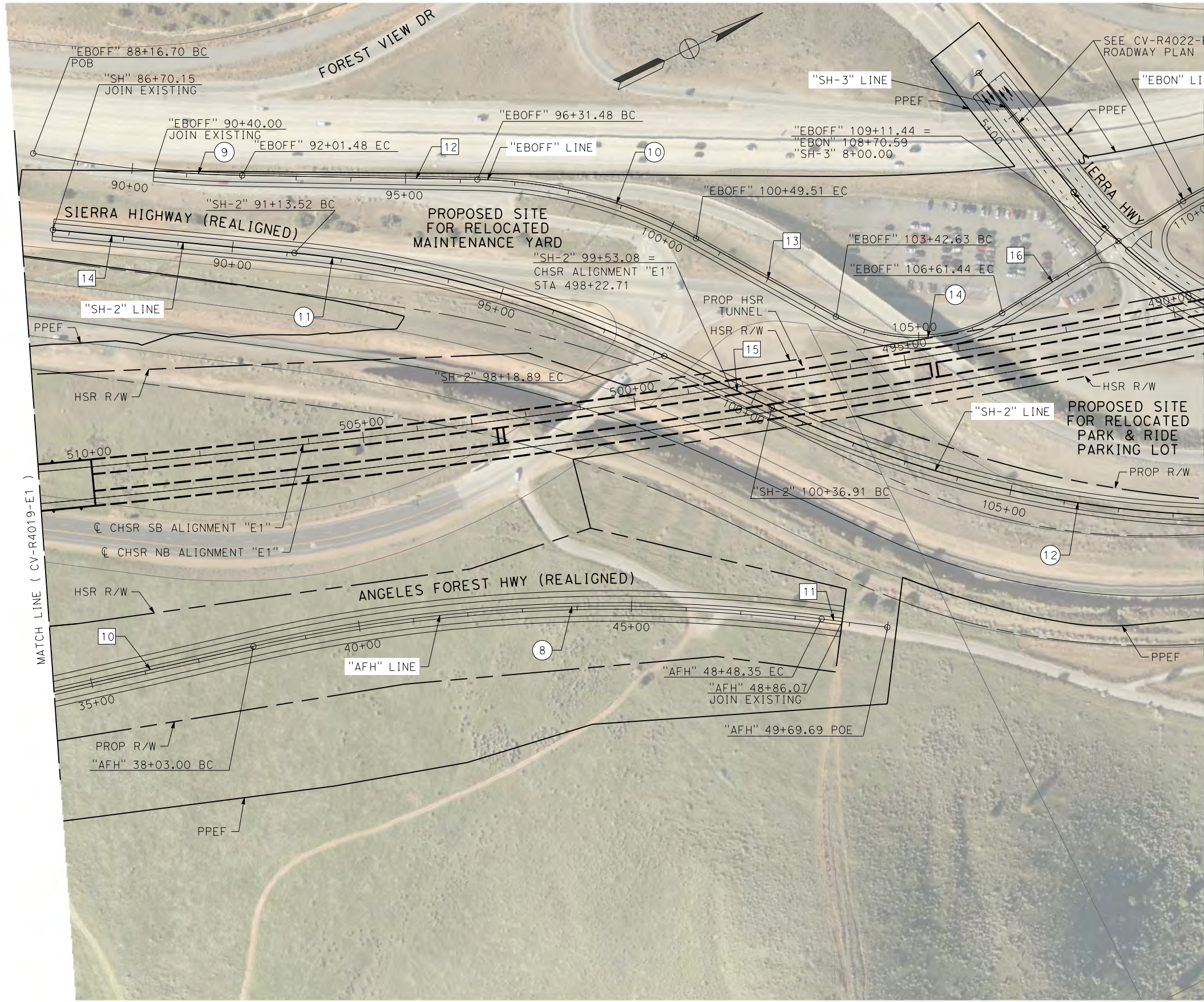
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PLAN
ANGELES FOREST HIGHWAY

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4019-E1
SCALE
AS SHOWN
SHEET NO.

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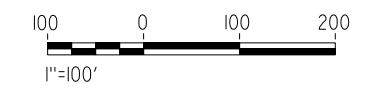
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cordo



LINE DATA		
	BEARING	DISTANCE
10	N13°20'47"E	731.75'
11	S33°18'40"E	121.14'
12	N27°05'44"E	430.00'
13	N55°16'24"E	293.12'
14	N31°32'53"E	443.36'
15	N51°45'19"E	218.02'
16	N05°36'55"W	250.00'

CURVE DATA				
	R	Δ	T	L
8	3000.00'	19°57'53"	528.03'	1045.35'
9	2200.00'	10°01'16"	192.88'	384.78'
10	850.00'	28°10'40"	213.33'	418.03'
11	2000.00'	20°12'27"	356.39'	705.37'
12	2000.00'	29°08'56"	520.01'	1017.49'
14	300.00'	60°53'19"	176.32'	318.81'



REV	DATE	BY	CHK	APP	DESCRIPTION

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04/30/2021

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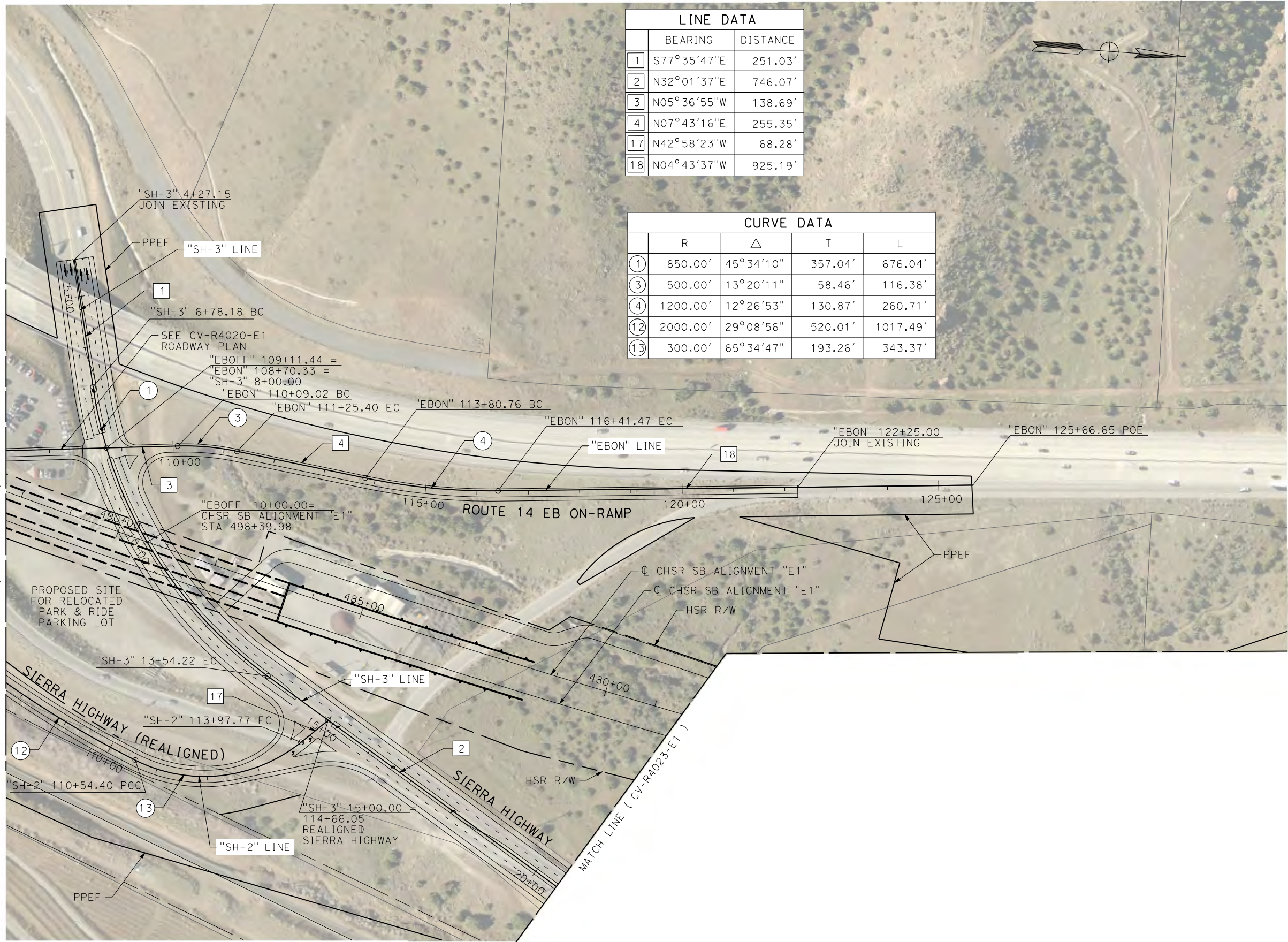
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PLAN
ANGELES FOREST HIGHWAY AND ROUTE 14 EB OFF-RAMP

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4020-E1
SCALE
AS SHOWN
SHEET NO.

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cordo



LINE DATA		
	BEARING	DISTANCE
1	S77°35'47"E	251.03'
2	N32°01'37"E	746.07'
3	N05°36'55"W	138.69'
4	N07°43'16"E	255.35'
17	N42°58'23"W	68.28'
18	N04°43'37"W	925.19'

CURVE DATA				
	R	Δ	T	L
1	850.00'	45°34'10"	357.04'	676.04'
3	500.00'	13°20'11"	58.46'	116.38'
4	1200.00'	12°26'53"	130.87'	260.71'
12	2000.00'	29°08'56"	520.01'	1017.49'
13	300.00'	65°34'47"	193.26'	343.37'



REV	DATE	BY	CHK	APP	DESCRIPTION

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W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



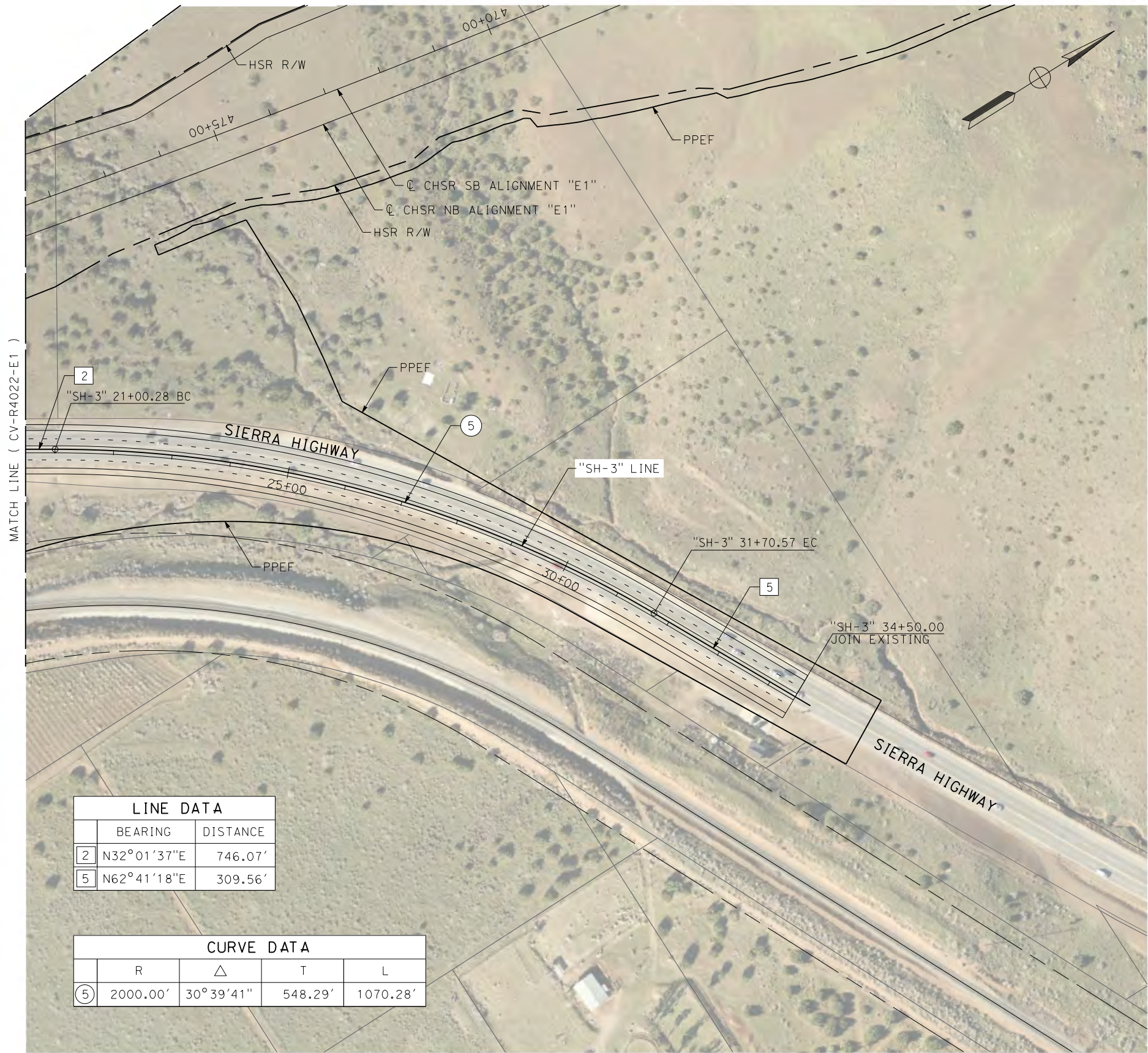
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PLAN
SIERRA HIGHWAY "SH-2" AND ROUTE 14 EB ON-RAMP

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4022-E1
SCALE
AS SHOWN
SHEET NO.

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LINE DATA		
	BEARING	DISTANCE
2	N32°01'37"E	746.07'
5	N62°41'18"E	309.56'

CURVE DATA				
	R	Δ	T	L
5	2000.00'	30°39'41"	548.29'	1070.28'



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04/30/2021

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PLAN
SIERRA HIGHWAY "SH-3"

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4023-E1
SCALE
AS SHOWN
SHEET NO.

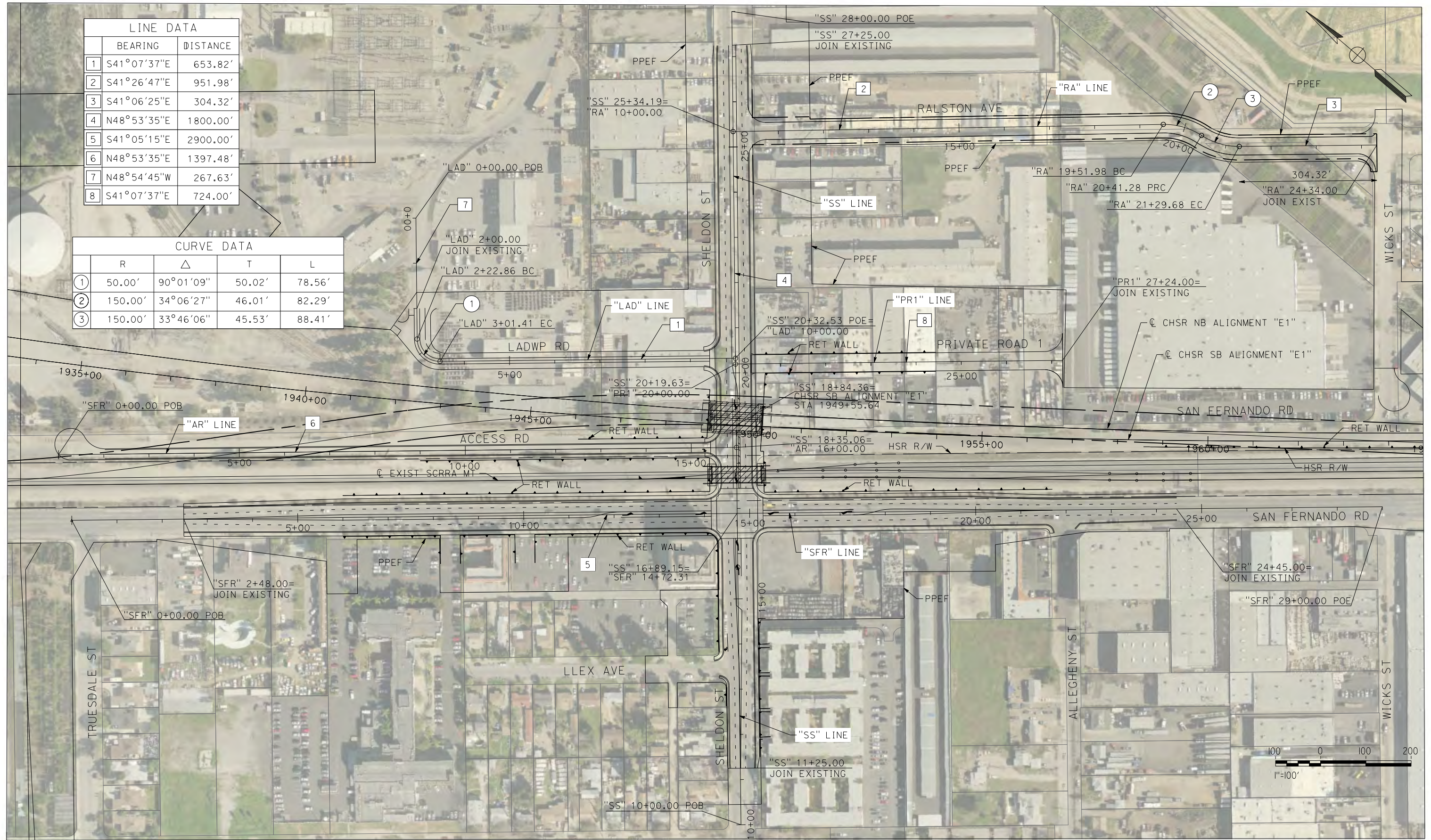
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cordo

LINE DATA		
	BEARING	DISTANCE
1	S41°07'37"E	653.82'
2	S41°26'47"E	951.98'
3	S41°06'25"E	304.32'
4	N48°53'35"E	1800.00'
5	S41°05'15"E	2900.00'
6	N48°53'35"E	1397.48'
7	N48°54'45"W	267.63'
8	S41°07'37"E	724.00'

CURVE DATA				
	R	Δ	T	L
①	50.00'	90°01'09"	50.02'	78.56'
②	150.00'	34°06'27"	46.01'	82.29'
③	150.00'	33°46'06"	45.53'	88.41'



REV	DATE	BY	CHK	APP	DESCRIPTION

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04/30/2021

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PLAN
SHELDON ST, PRIVATE RD 1, RALSTON AVE, LADWP RD
AND ACCESS RD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4030-E1
SCALE
AS SHOWN
SHEET NO.

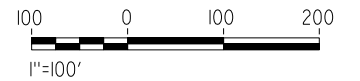
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5/27/2021 5:01:04 PM

cordo



LINE DATA		
	BEARING	DISTANCE
1	N48°55'47"E	1700.00'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PLAN
TUXFORD ST

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4040-E1
SCALE
AS SHOWN
SHEET NO.

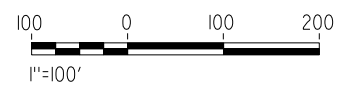
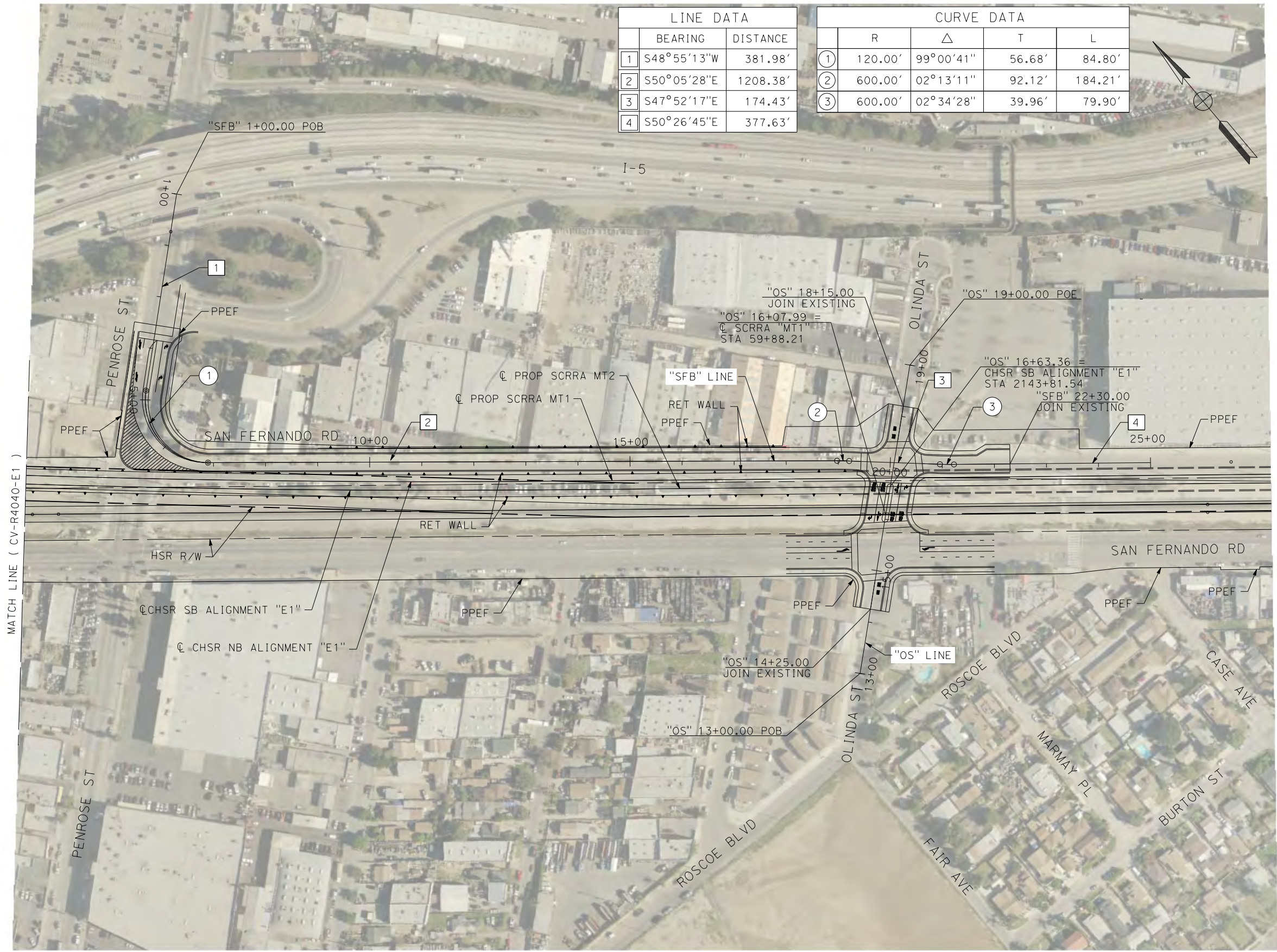
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5/27/2021 5:04:16 PM

cordo

LINE DATA		
	BEARING	DISTANCE
1	S48°55'13"W	381.98'
2	S50°05'28"E	1208.38'
3	S47°52'17"E	174.43'
4	S50°26'45"E	377.63'

CURVE DATA				
	R	Δ	T	L
①	120.00'	99°00'41"	56.68'	84.80'
②	600.00'	02°13'11"	92.12'	184.21'
③	600.00'	02°34'28"	39.96'	79.90'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



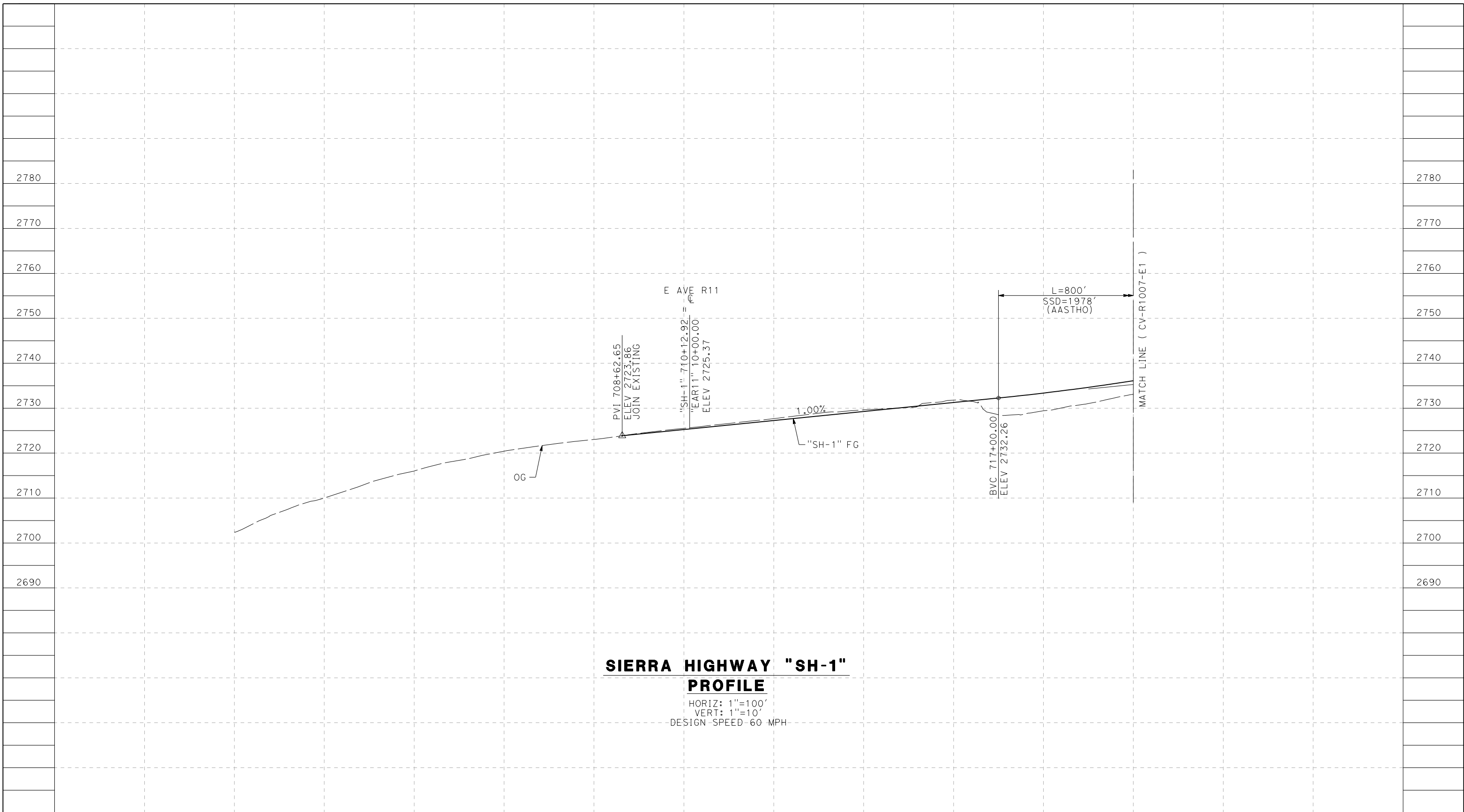
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PLAN
OLINDA ST AND SAN FERNANDO RD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4041-E1
SCALE
AS SHOWN
SHEET NO.

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5/23/2021 10:11:14 PM

cordo



SIERRA HIGHWAY "SH-1"
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 60 MPH

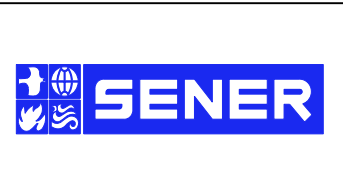
STATION	700+00	702+00	704+00	706+00	708+00	710+00	712+00	714+00	716+00	718+00	720+00	TOTAL
CY	Exc											
	Emb											

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

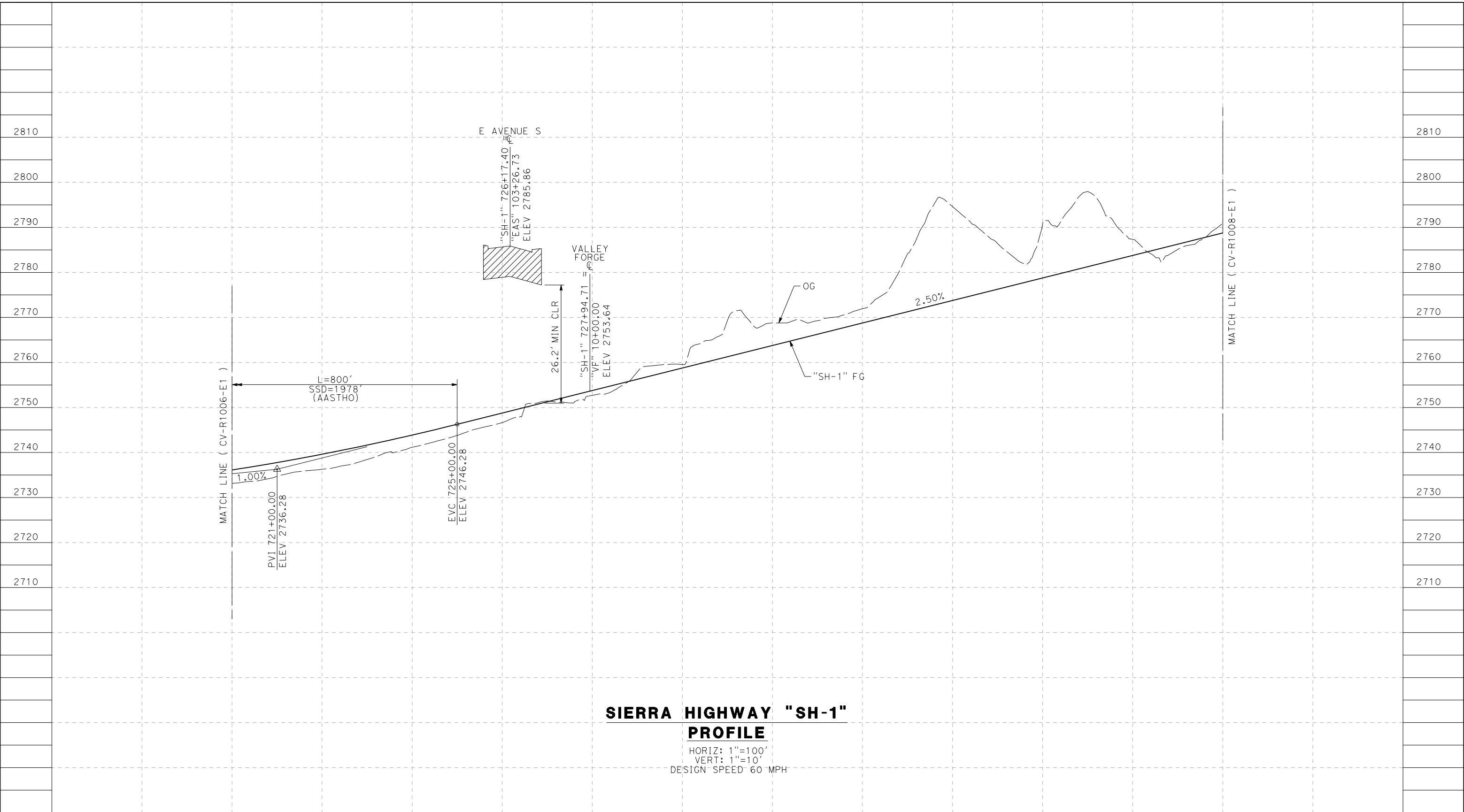
ALIGNMENT "E1"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-1"
SHEET 1 OF 4

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1006-E1
 SCALE
AS SHOWN
 SHEET NO.

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5/23/2021 10:12:53 PM

cordo



**SIERRA HIGHWAY "SH-1"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION	720+00	722+00	724+00	726+00	728+00	730+00	732+00	734+00	736+00	738+00	740+00	742+00	TOTAL
CY	Exc												
	Emb												

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



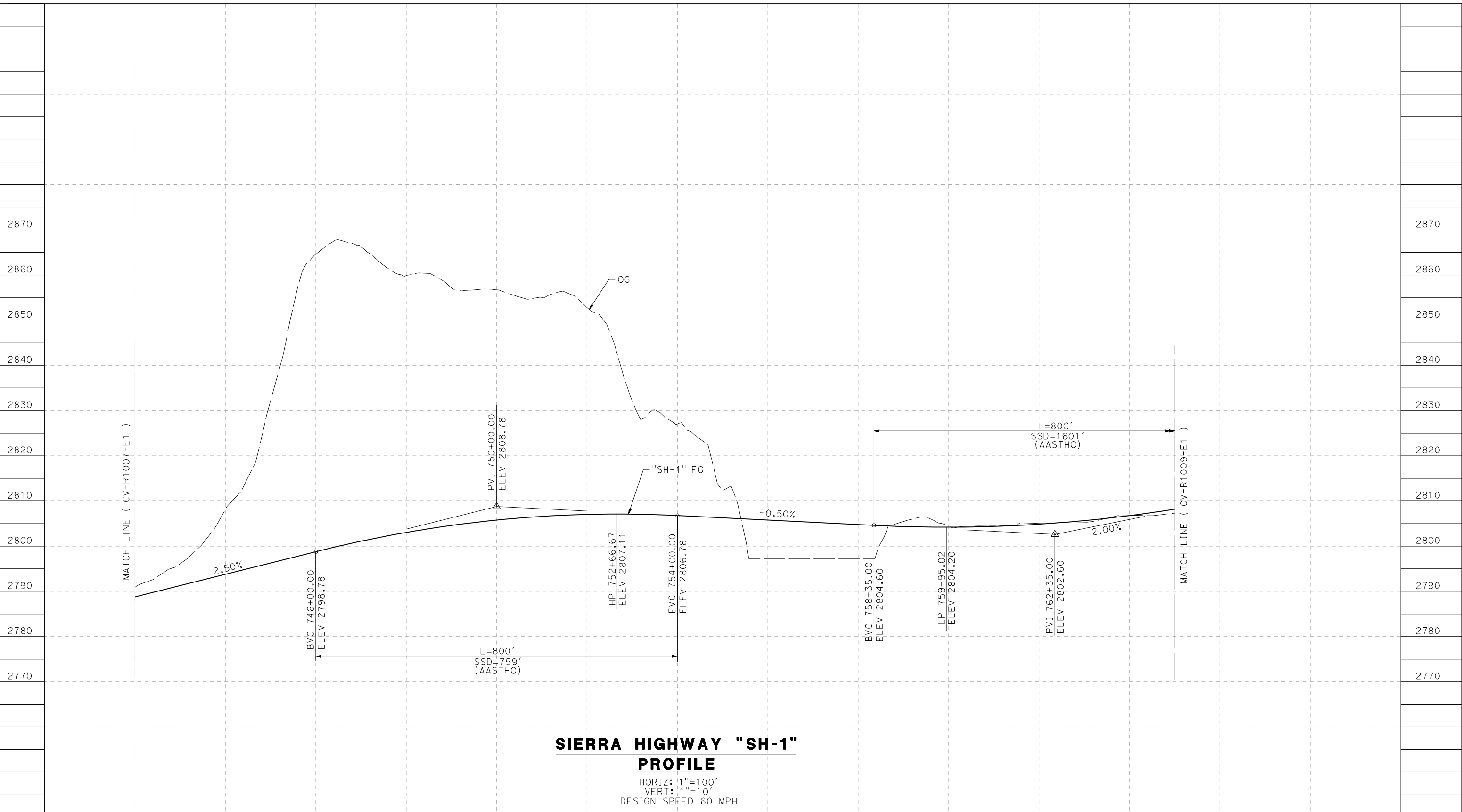
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-1"
SHEET 2 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1007-E1
SCALE
AS SHOWN
SHEET NO.

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5/23/2021 10:15:29 PM

cordo



**SIERRA HIGHWAY "SH-1"
PROFILE**
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 60 MPH

STATION	742+00	744+00	746+00	748+00	750+00	752+00	754+00	756+00	758+00	760+00	762+00	764+00	765+00	TOTAL
CY	Exc													
	Emb													

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 SIERRA HIGHWAY
 ROADWAY PROFILE "SH-1"
 SHEET 3 OF 4

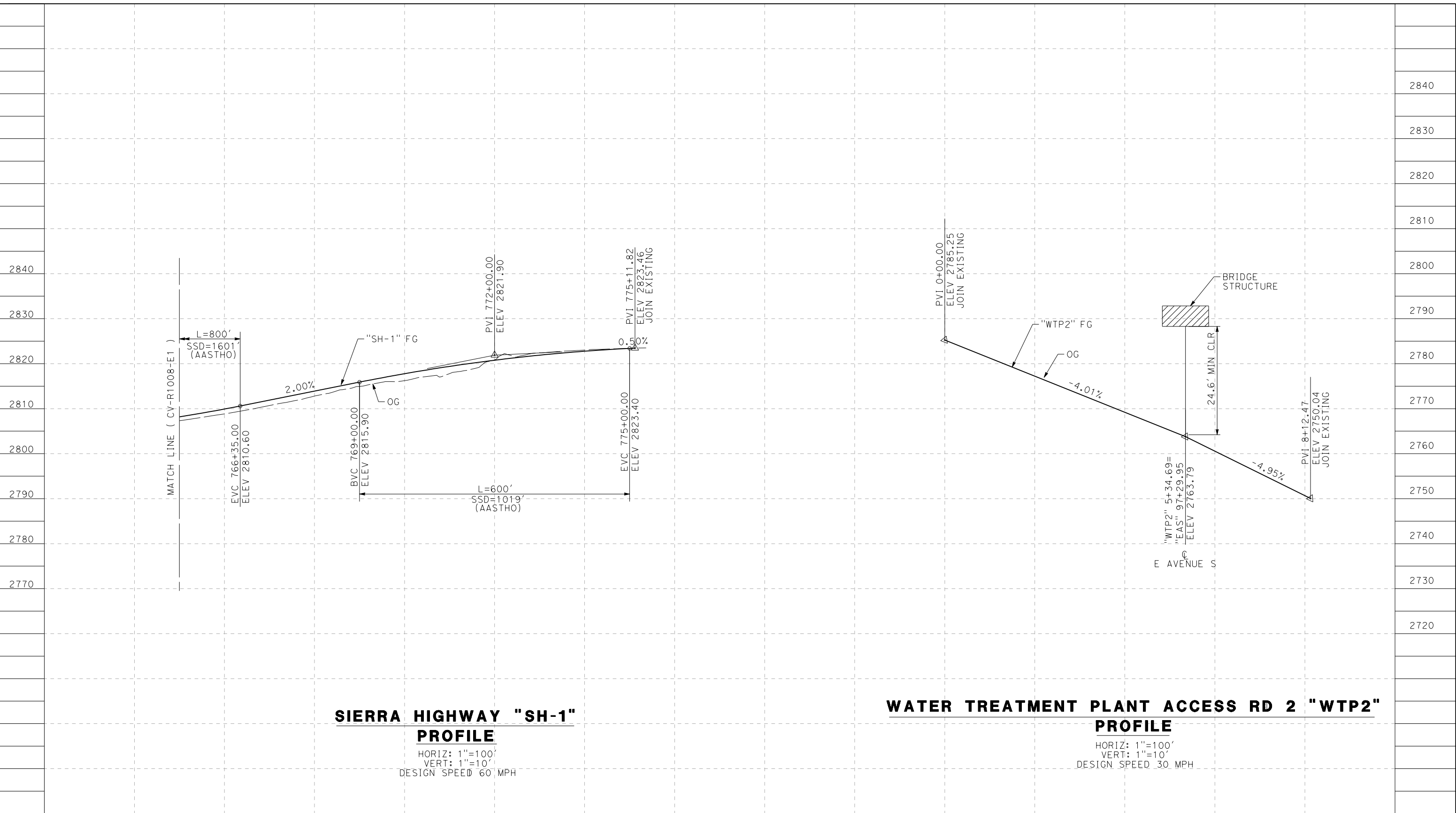
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1008-E1
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



SIERRA HIGHWAY "SH-1" PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 60 MPH

WATER TREATMENT PLANT ACCESS RD 2 "WTP2" PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 30 MPH

STATION	766+00	768+00	770+00	772+00	774+00	776+00	0+00	2+00	4+00	6+00	8+00	TOTAL
CY	Exc											
	Emb											

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GOU
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



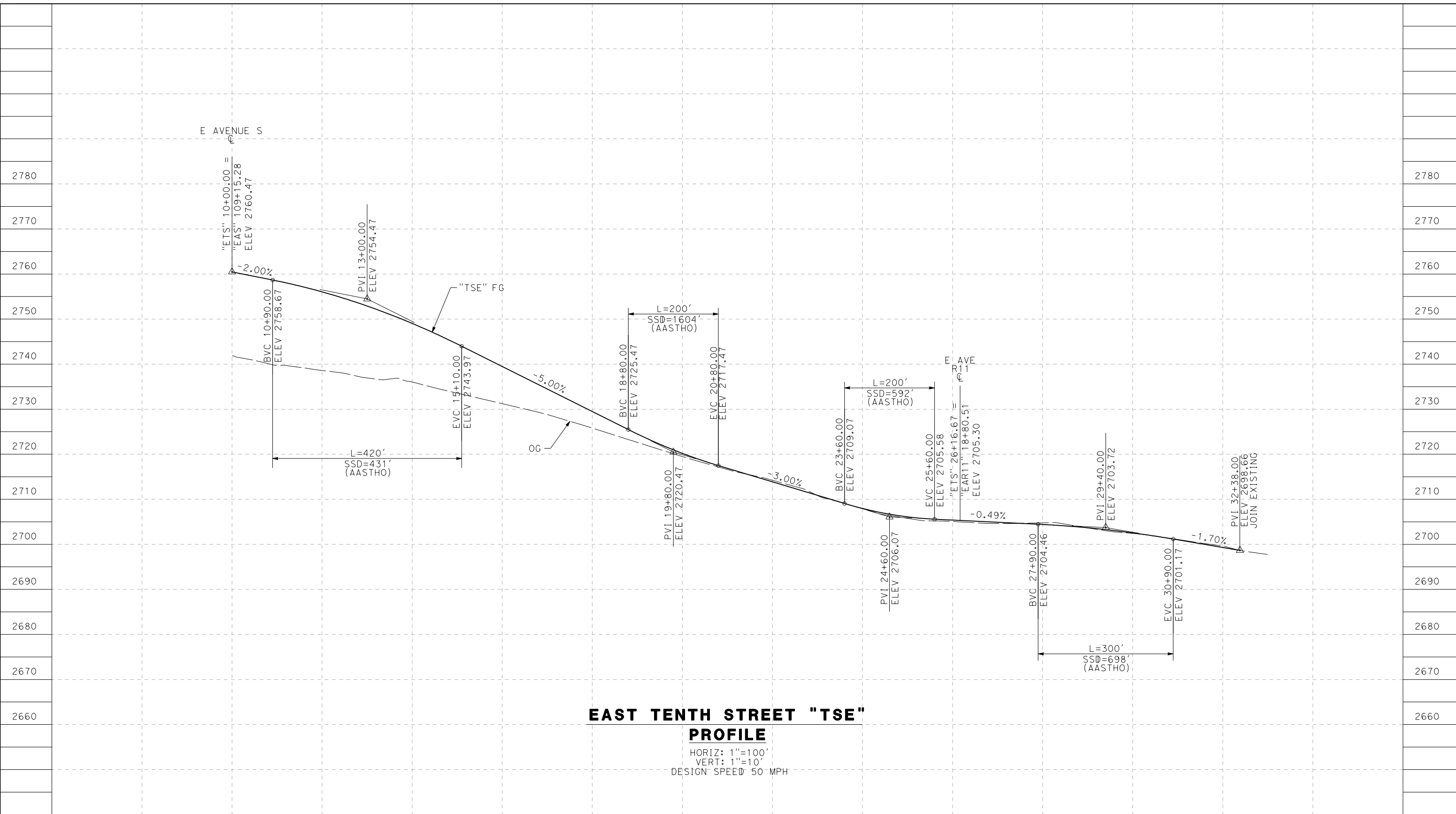
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 SIERRA HIGHWAY
 ROADWAY PROFILE "SH-1" AND WATER TREATMENT PLANT
 ACCESS RD 2 - SHEET 4 OF 4

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1009-E1
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



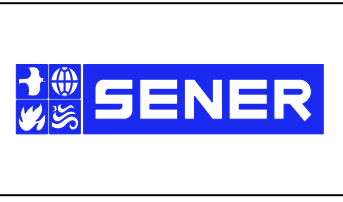
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CY	Exc													
	Emb													

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

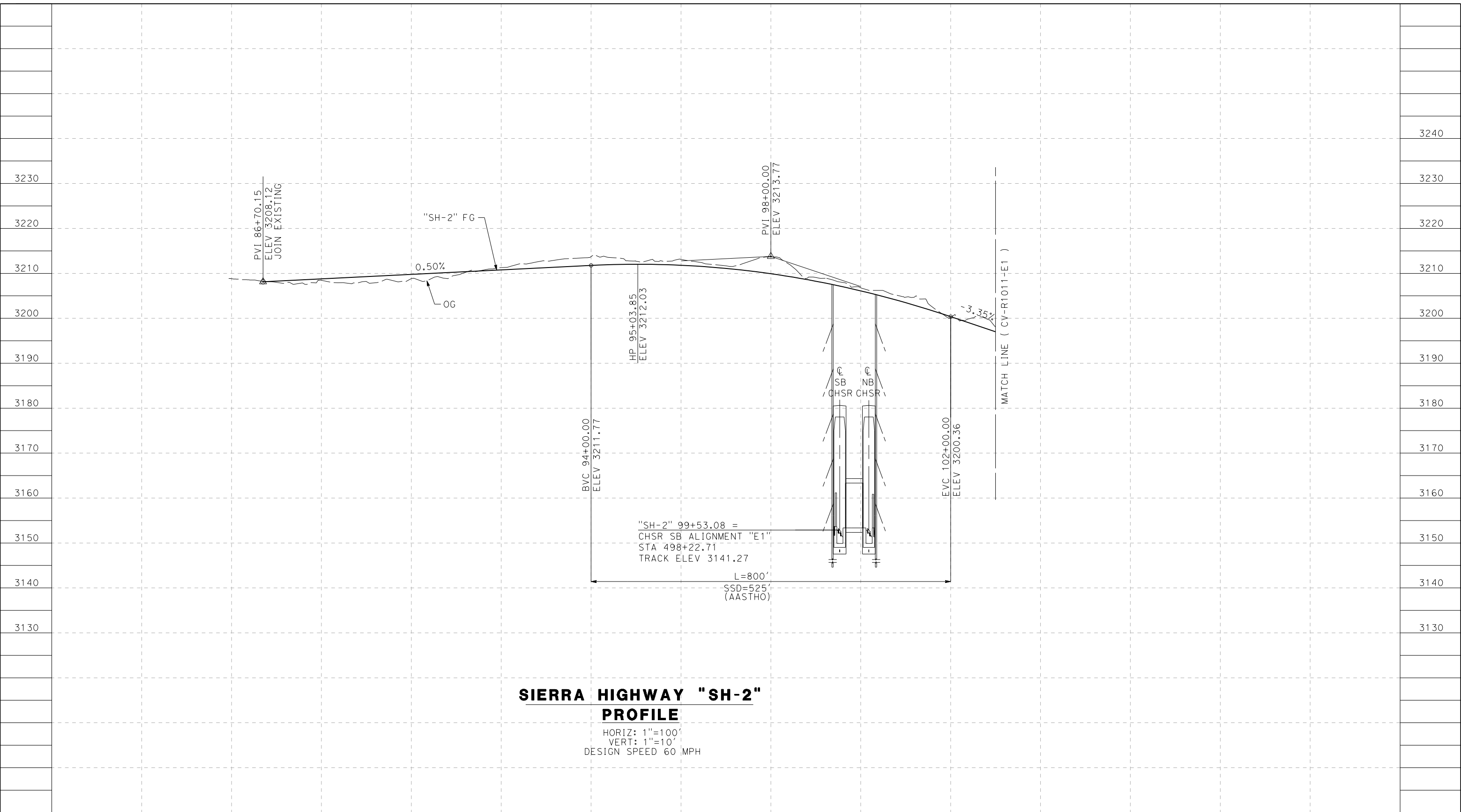
ALIGNMENT "E1"
ROADWAY PROFILE
EAST TENTH STREET

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1009A-E1
 SCALE
AS SHOWN
 SHEET NO.

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cordo



SIERRA HIGHWAY "SH-2" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 60 MPH

STATION	86+00	88+00	90+00	92+00	94+00	96+00	98+00	100+00	102+00	104+00	TOTAL
CY	Exc										
	Emb										

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 ROADWAY PROFILE
 SIERRA HIGHWAY "SH-2"
 SHEET 1 OF 2

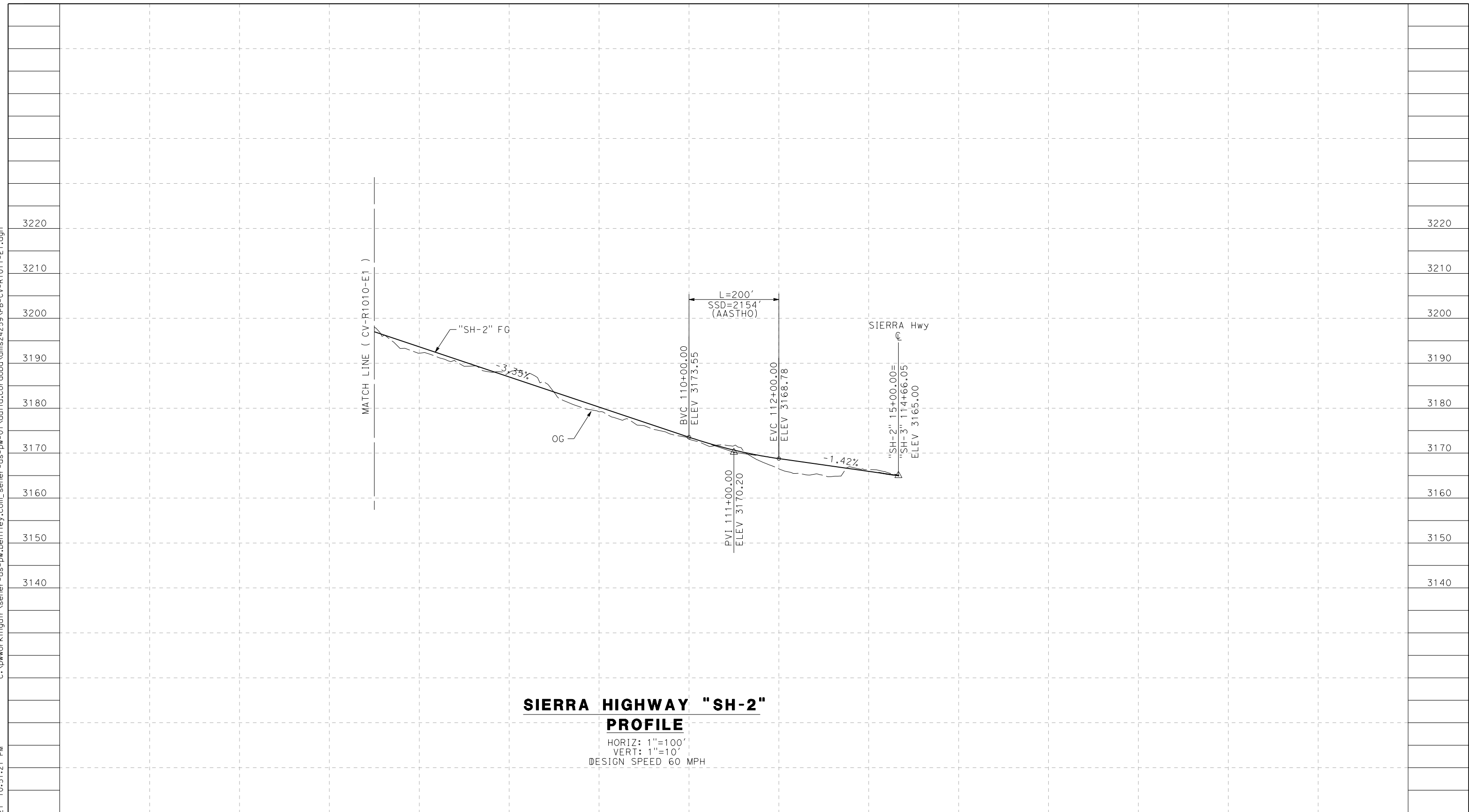
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1010-E1
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/23/2021 10:51:21 PM

cordo



**SIERRA HIGHWAY "SH-2"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION	102+00	104+00	106+00	108+00	110+00	112+00	114+00	116+00	TOTAL
CY	Exc								
	Emb								

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-2"
SHEET 2 OF 2

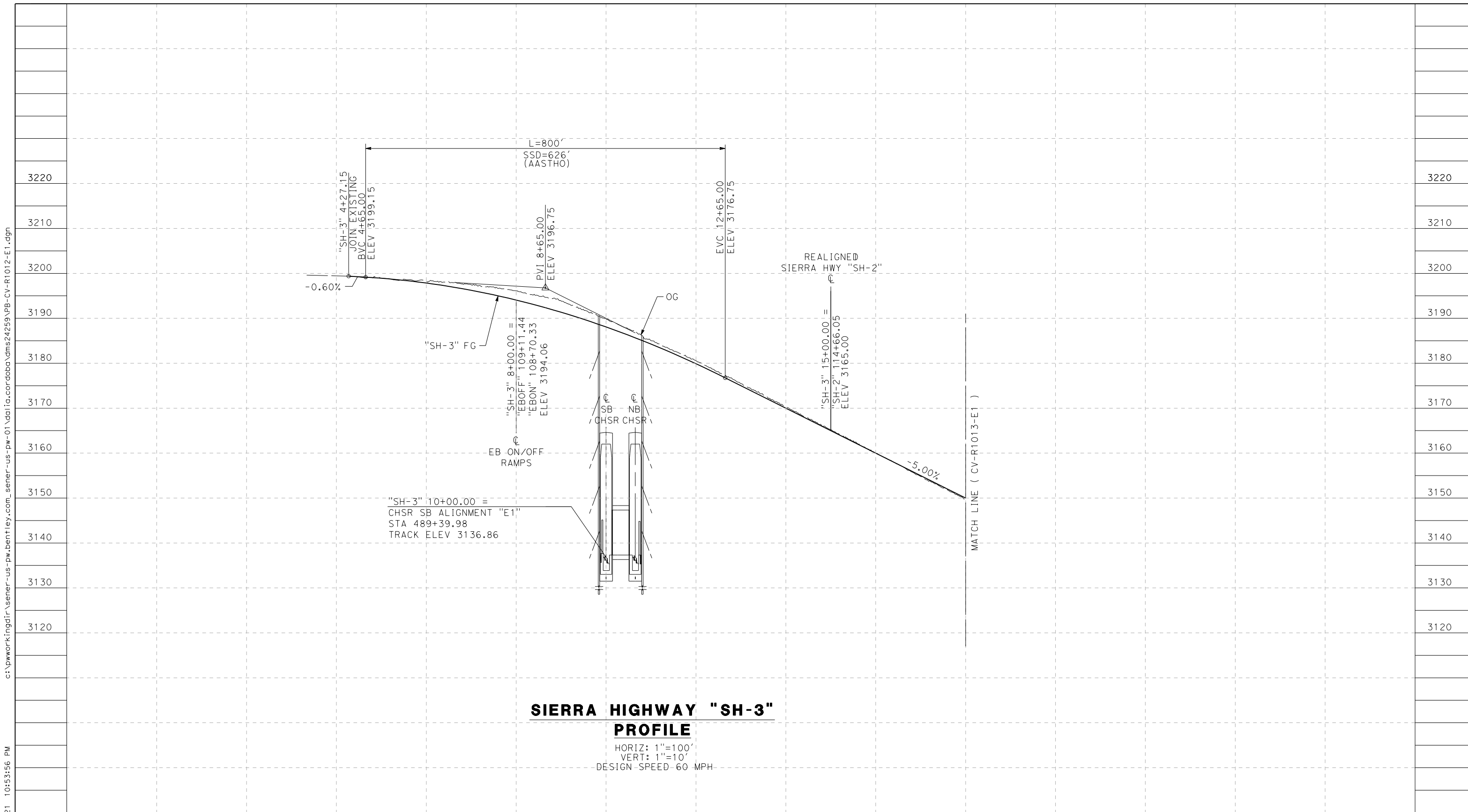
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1011-E1
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



**SIERRA HIGHWAY "SH-3"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	18+00	TOTAL
CY	Exc										
	Emb										

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-3"
SHEET 1 OF 2

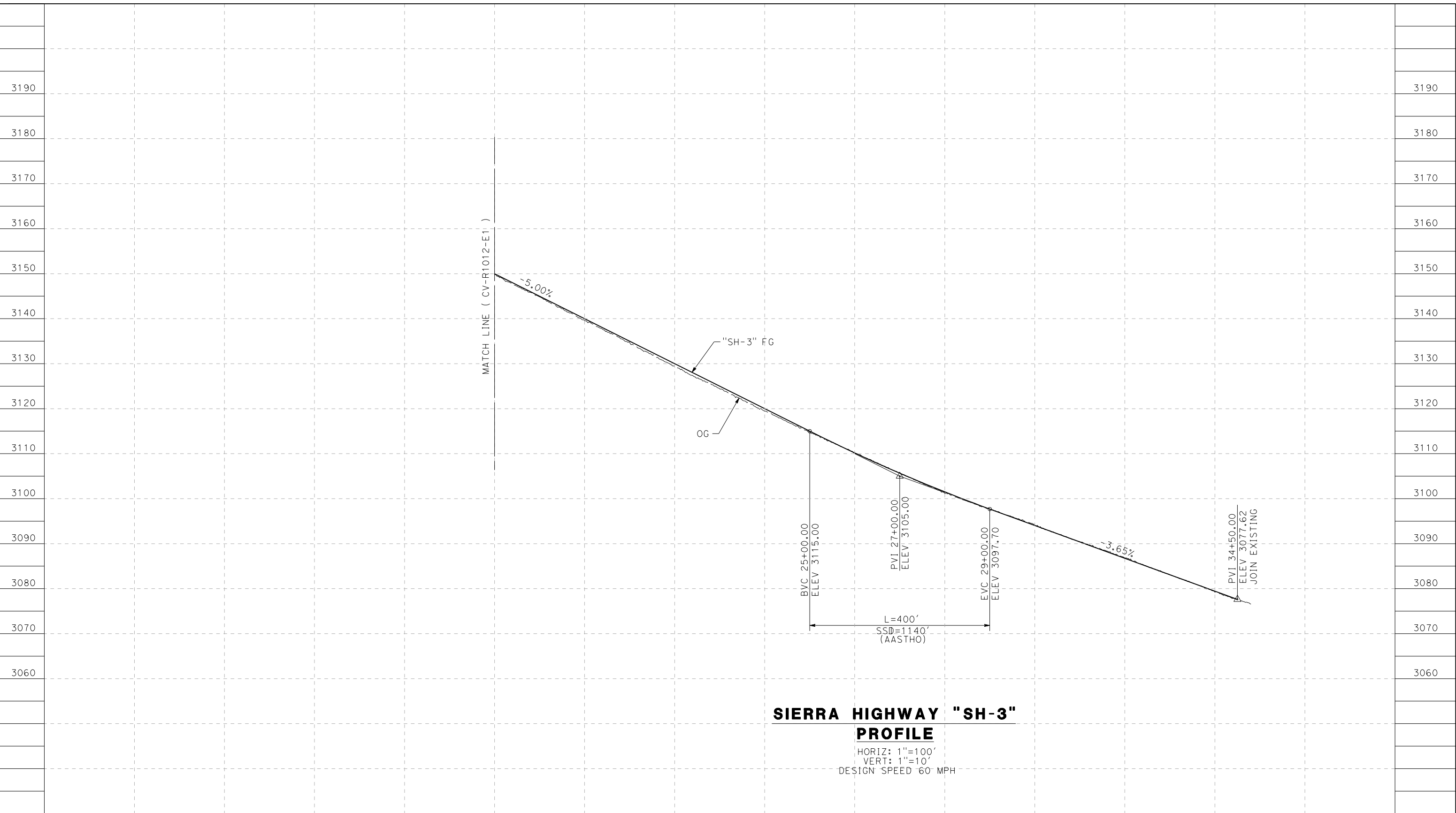
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1012-E1
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



**SIERRA HIGHWAY "SH-3"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION		18+00	20+00	22+00	24+00	26+00	28+00	30+00	32+00	34+00	TOTAL
CY	Exc										
	Emb										

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



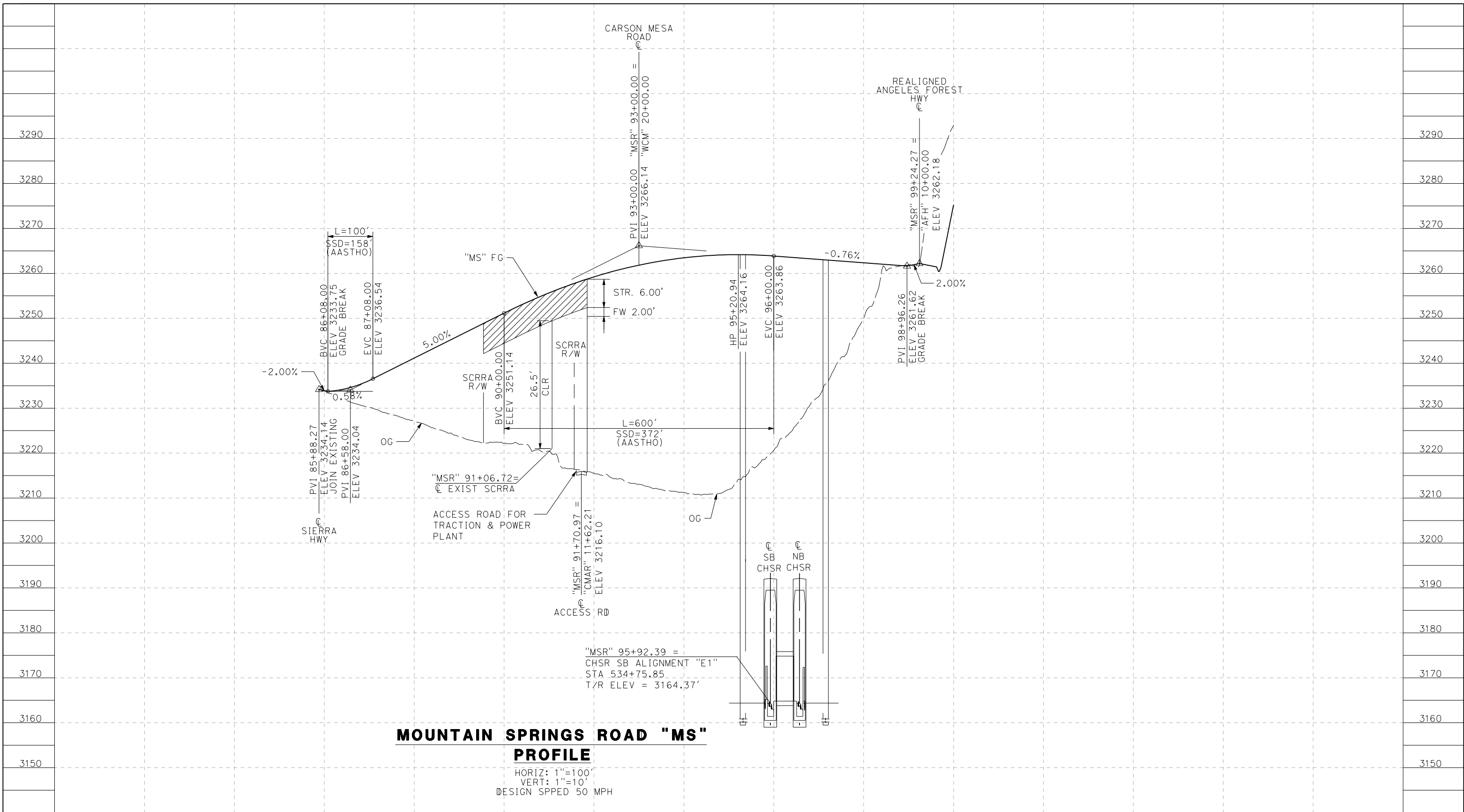
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-3"
SHEET 2 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1013-E1
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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**MOUNTAIN SPRINGS ROAD "MS"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPPED 50 MPH

STATION	86+00	88+00	90+00	92+00	94+00	96+00	98+00	100+00	TOTAL
CY	Exc								
	Emb								

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



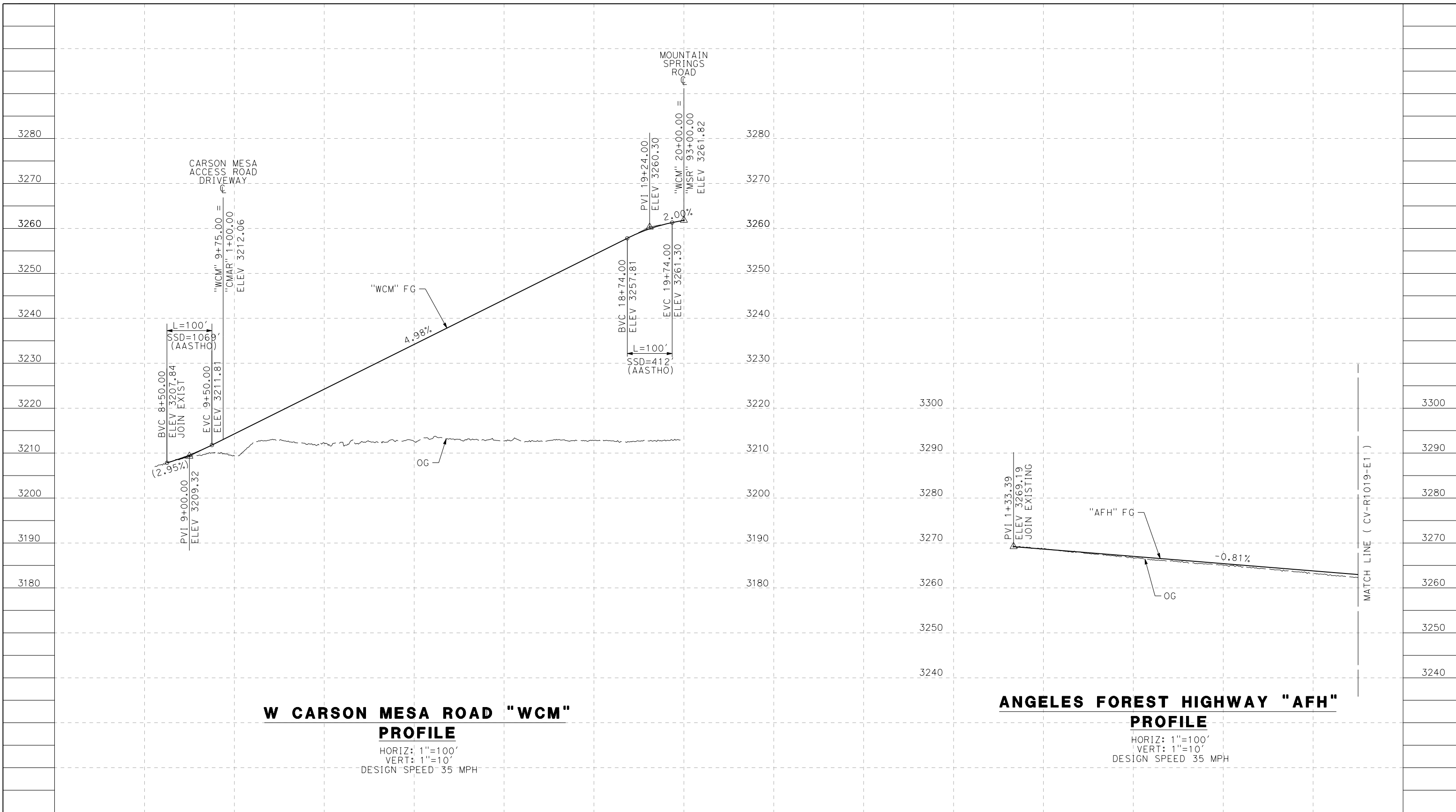
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PROFILE
MOUNTAIN SPRINGS ROAD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1014-E1
SCALE
AS SHOWN
SHEET NO.

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5/23/2021 11:00:19 PM

cordo



W CARSON MESA ROAD "WCM" PROFILE

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 35 MPH

ANGELES FOREST HIGHWAY "AFH" PROFILE

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 35 MPH

STATION	8+00	10+00	12+00	14+00	16+00	18+00	20+00	0+00	2+00	4+00	6+00	8+00	TOTAL
CY	Exc												
	Emb												

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**

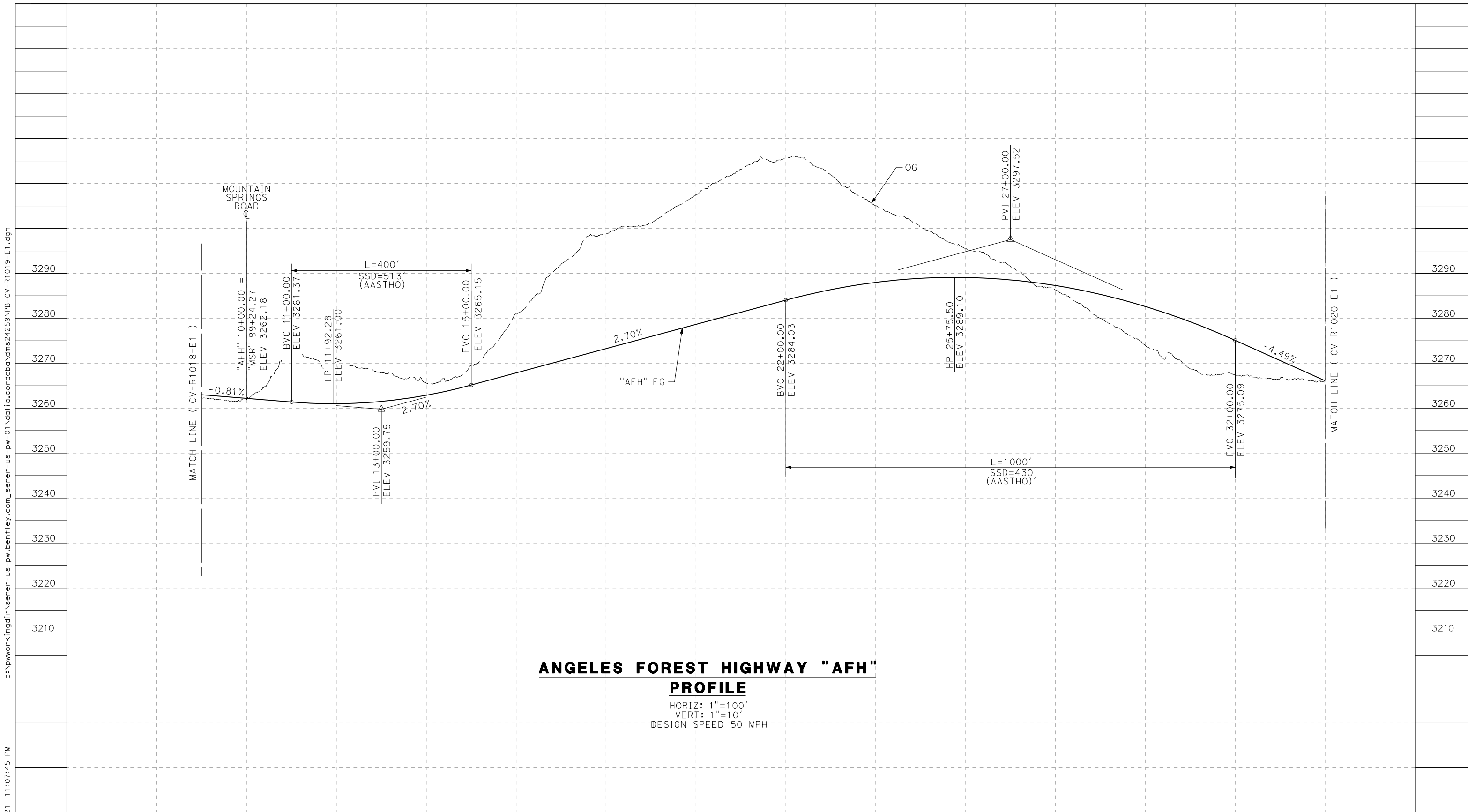


**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PROFILE
ANGELES FOREST HIGHWAY AND W CARSON MESA ROAD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1018-E1
SCALE
AS SHOWN
SHEET NO.

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cordo



ANGELES FOREST HIGHWAY "AFH"
PROFILE

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 50 MPH

STATION	10+00	12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	30+00	32+00	34+00	TOTAL
CY	Exc													
	Emb													

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION

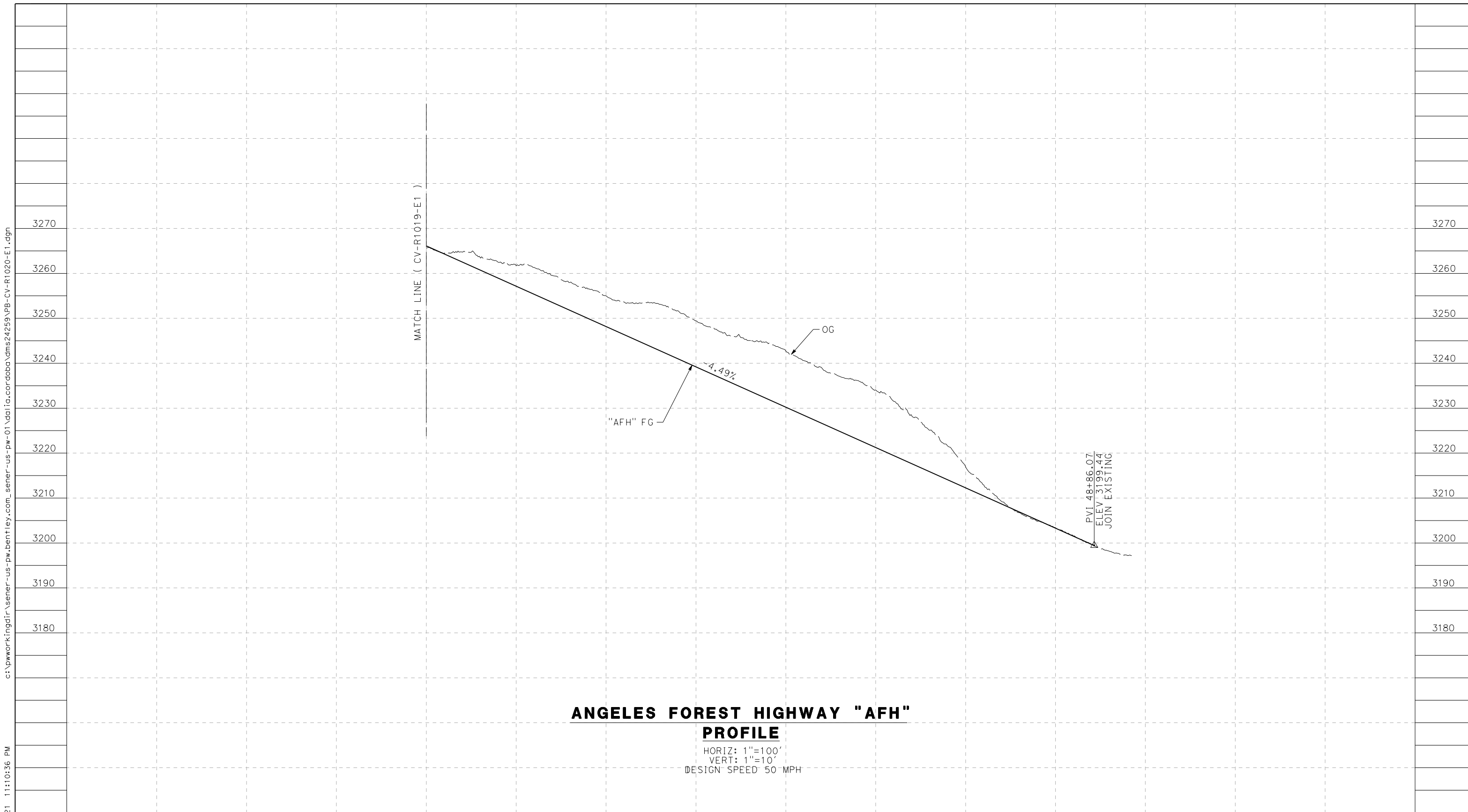


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PROFILE
ANGELES FOREST HIGHWAY
SHEET 1 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1019-E1
SCALE
AS SHOWN
SHEET NO.

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cordo



ANGELES FOREST HIGHWAY "AFH" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 50 MPH

STATION	34+00	36+00	38+00	40+00	42+00	44+00	46+00	48+00	50+00	TOTAL
CY	Exc									
	Emb									

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02**
**NOT FOR
 CONSTRUCTION**



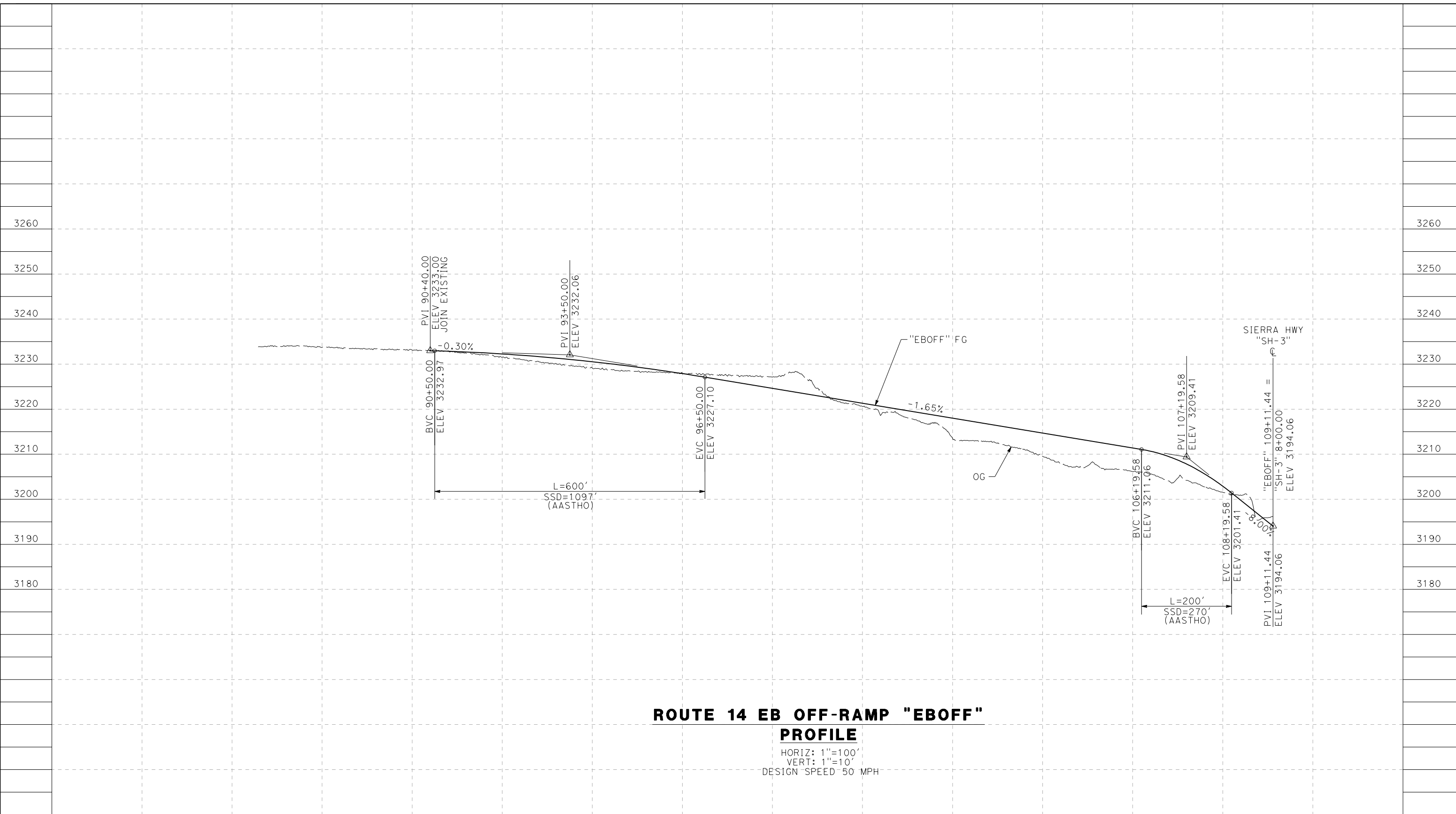
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 ROADWAY PROFILE
 ANGELES FOREST HIGHWAY
 SHEET 2 OF 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1020-E1
 SCALE
AS SHOWN
 SHEET NO.

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5/23/2021 11:13:10 PM

cordo



ROUTE 14 EB OFF-RAMP "EBOFF" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 50 MPH

STATION	84+00	86+00	88+00	90+00	92+00	94+00	96+00	98+00	100+00	102+00	104+00	106+00	108+00	110+00	TOTAL
Exc															
Emb															

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



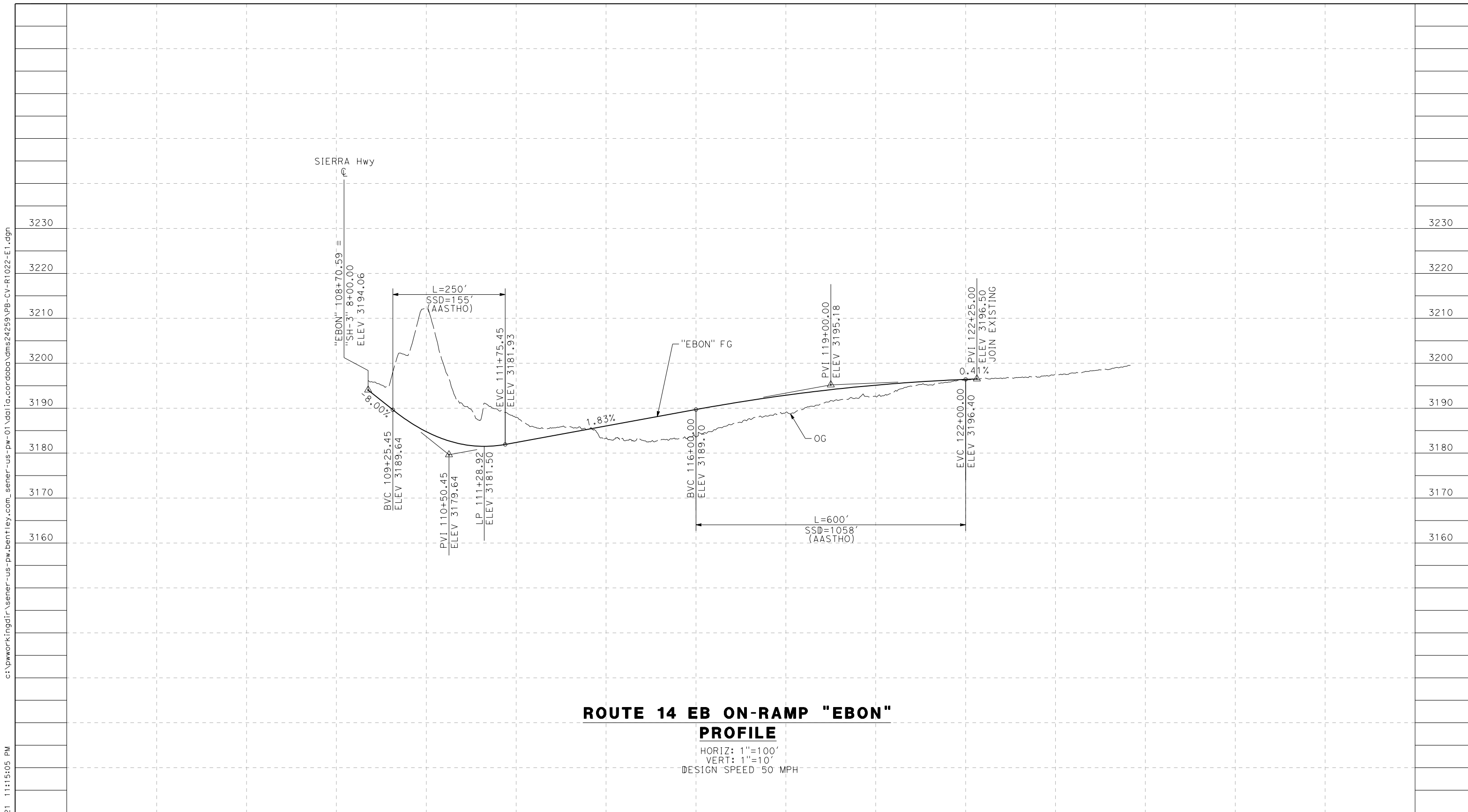
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 ROADWAY PROFILE
 ROUTE 14 EB OFF-RAMP

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1021-E1
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



**ROUTE 14 EB ON-RAMP "EBON"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 50 MPH

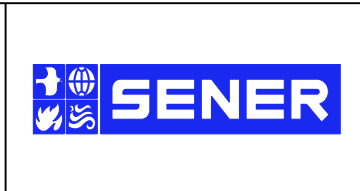
STATION	108+00	110+00	112+00	114+00	116+00	118+00	120+00	122+00	124+00	126+00	TOTAL
CY	Exc										
	Emb										

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



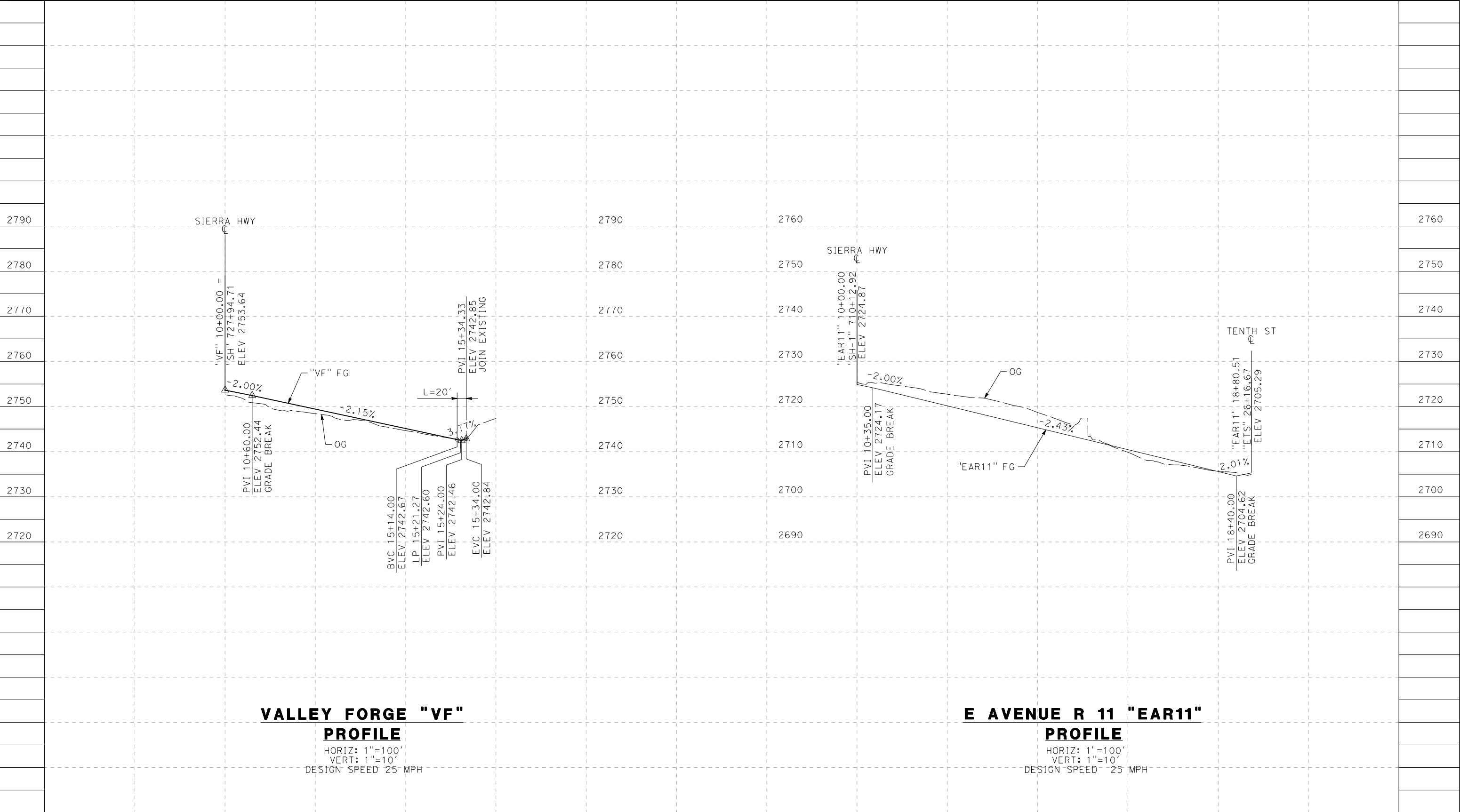
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PROFILE
ROUTE 14 EB ON-RAMP

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1022-E1
SCALE
AS SHOWN
SHEET NO.

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5/23/2021 11:17:16 PM

cordo



STATION	10+00	12+00	14+00	16+00	18+00	TOTAL
CY	Exc					
	Emb					

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

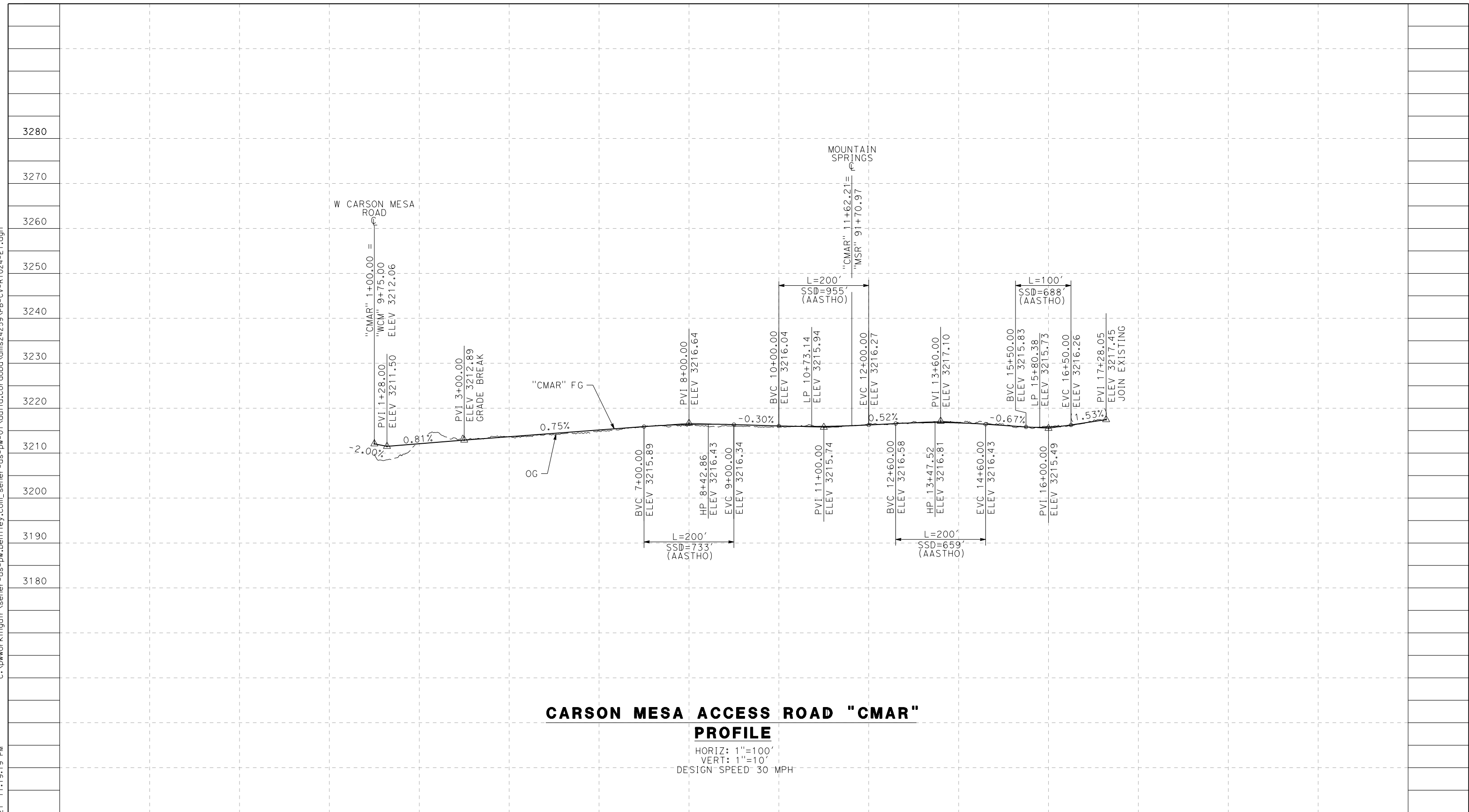
ALIGNMENT "E1"
 ROADWAY PROFILE
 VALLEY FORGE AND EAST AVENUE R 11

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1023-E1
 SCALE
AS SHOWN
 SHEET NO.

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5/23/2021 11:19:19 PM

cordo



CARSON MESA ACCESS ROAD "CMAR" PROFILE

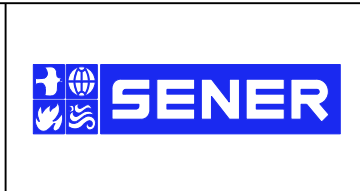
HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 30 MPH

STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	18+00	20+00	TOTAL
CY	Exc											
	Emb											

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02**
**NOT FOR
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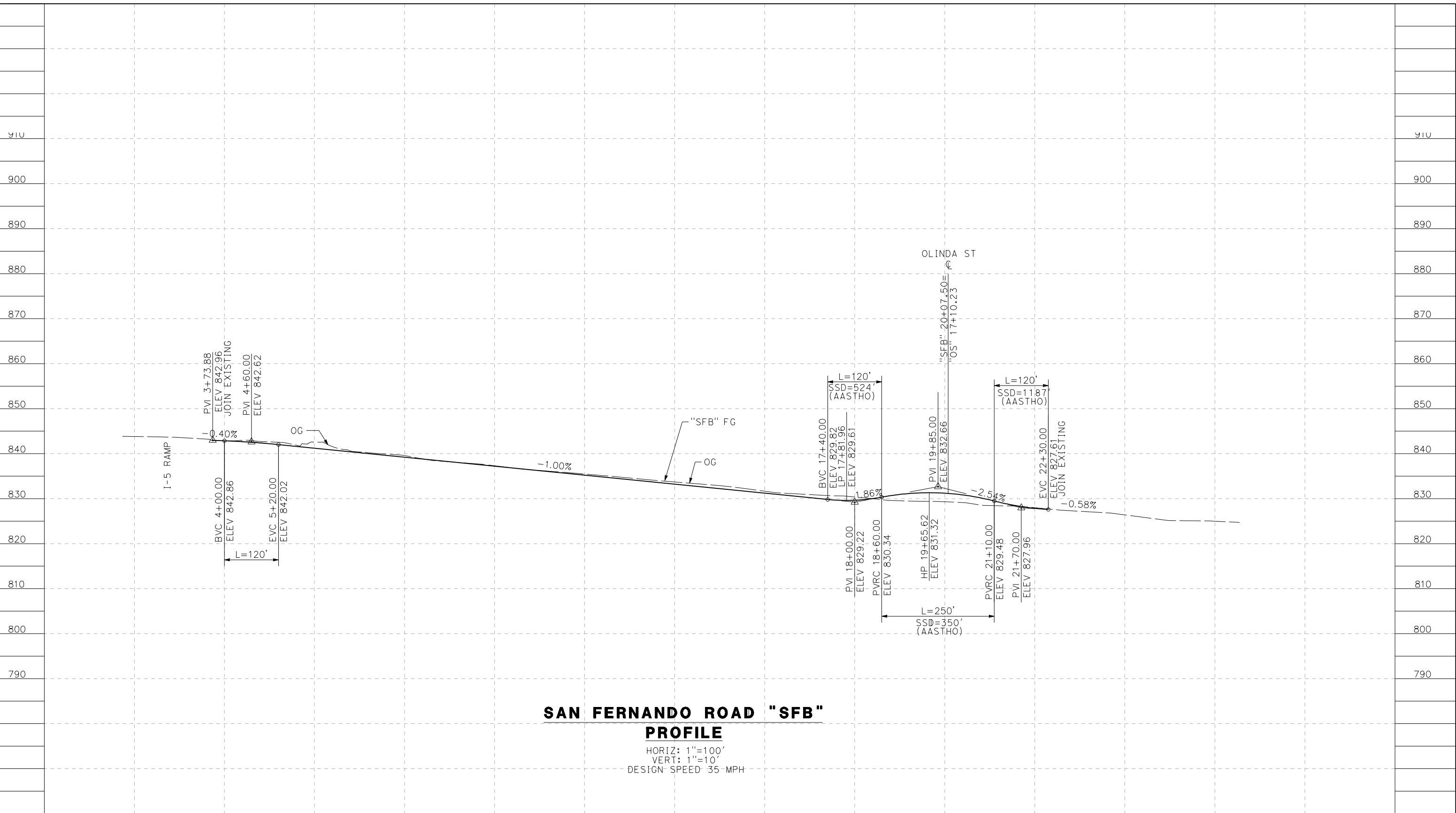
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 ROADWAY PROFILE
 CARSON MESA ACCESS ROAD

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1024-E1
 SCALE
AS SHOWN
 SHEET NO.

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5/23/2021 11:25:15 PM

cordo



SAN FERNANDO ROAD "SFB" PROFILE

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED: 35 MPH

STATION	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	TOTAL
CY	Exc													
	Emb													

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



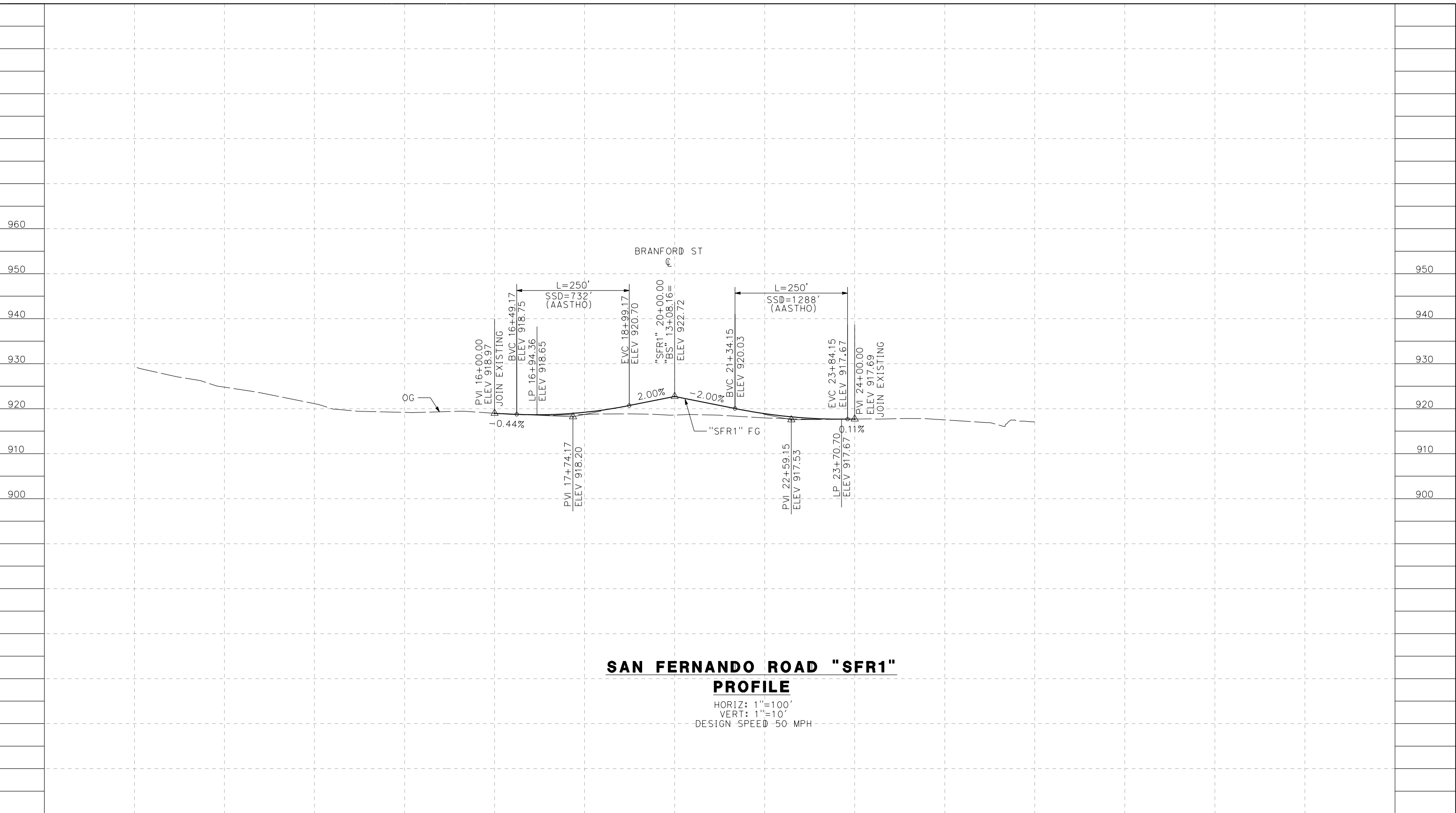
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PROFILE
SAN FERNANDO ROAD "SFB"

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1026-E1
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



SAN FERNANDO ROAD "SFR1"
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 50 MPH

STATION	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	TOTAL
CY	Exc								
	Emb								

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 ROADWAY PROFILE
 SAN FERNANDO ROAD "SFR1"

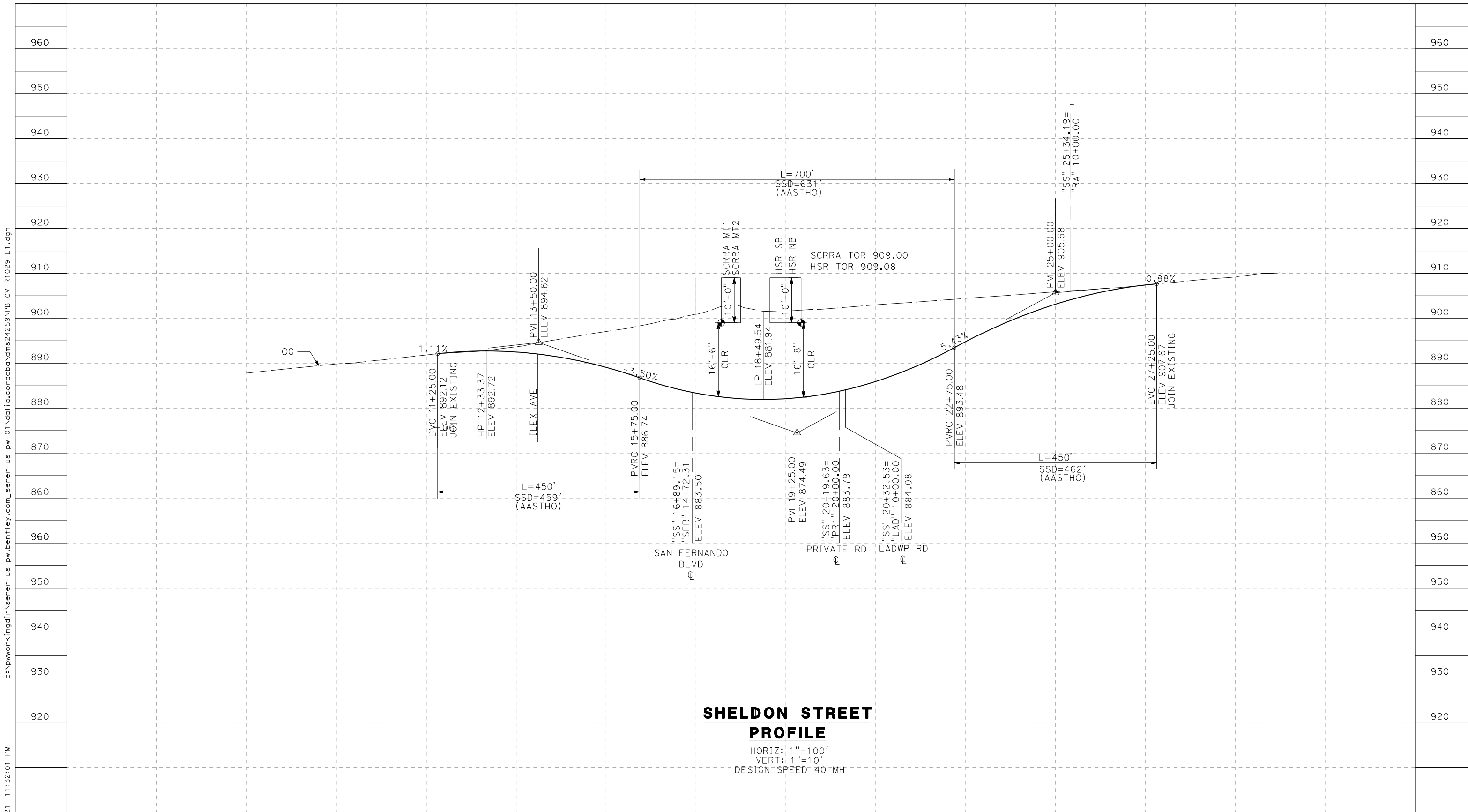
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1027-E1
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/23/2021 11:32:01 PM

cordo



**SHELDON STREET
PROFILE**
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 40 MH

STATION	9+00	11+00	13+00	15+00	17+00	19+00	21+00	23+00	25+00	27+00	29+00	TOTAL
CY	Exc											
	Emb											

REV	DATE	BY	CHK	APP	DESCRIPTION
	04/30/2021				

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
REV 02**

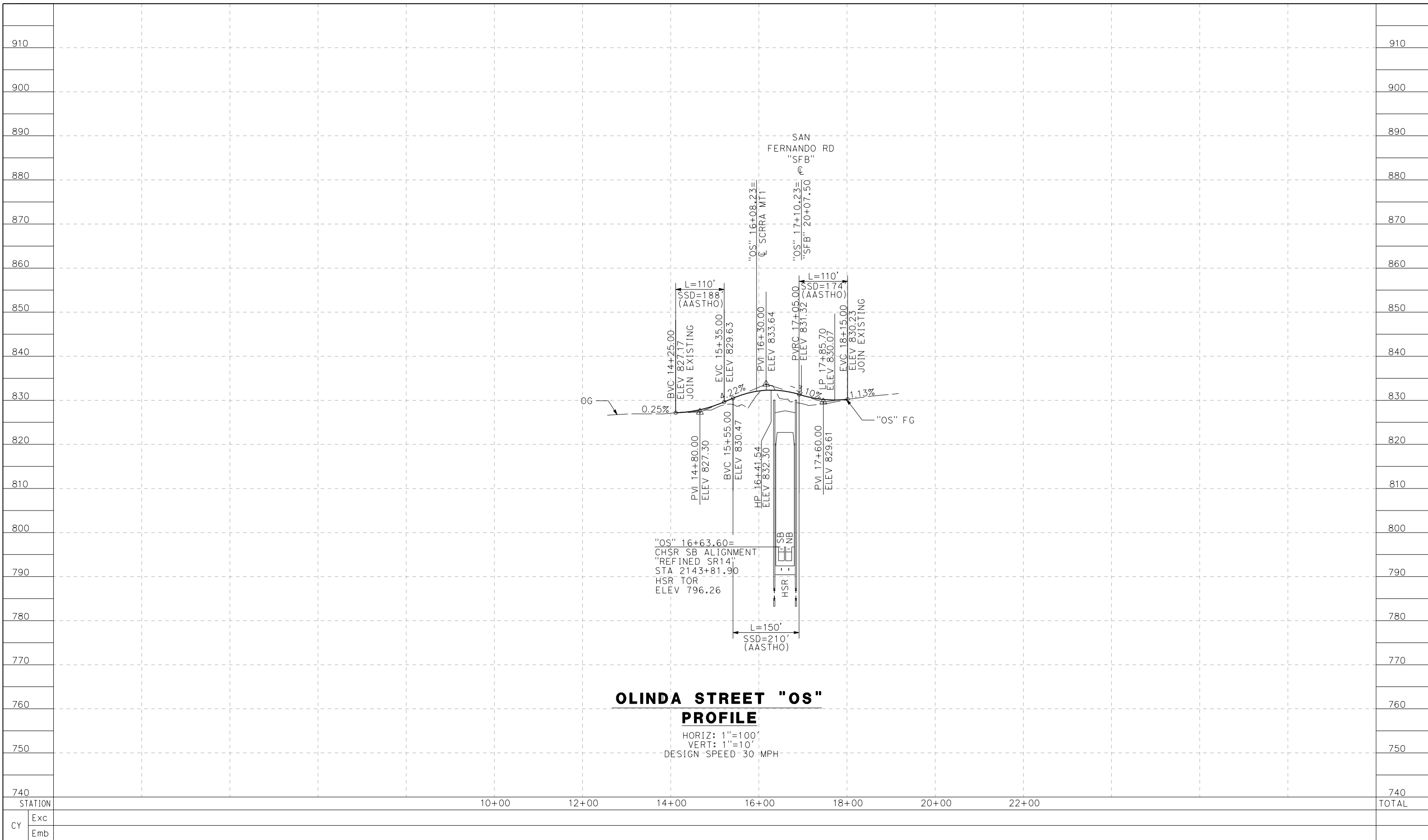
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 ROADWAY PROFILE
 SHELDON STREET

CONTRACT NO.	HSR14-42
DRAWING NO.	CV-R1029-E1
SCALE	AS SHOWN
SHEET NO.	

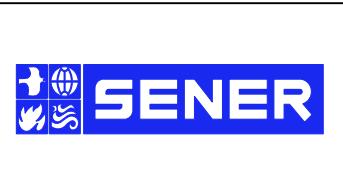
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
REV 02**
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 ROADWAY PROFILE
 OLINDA STREET

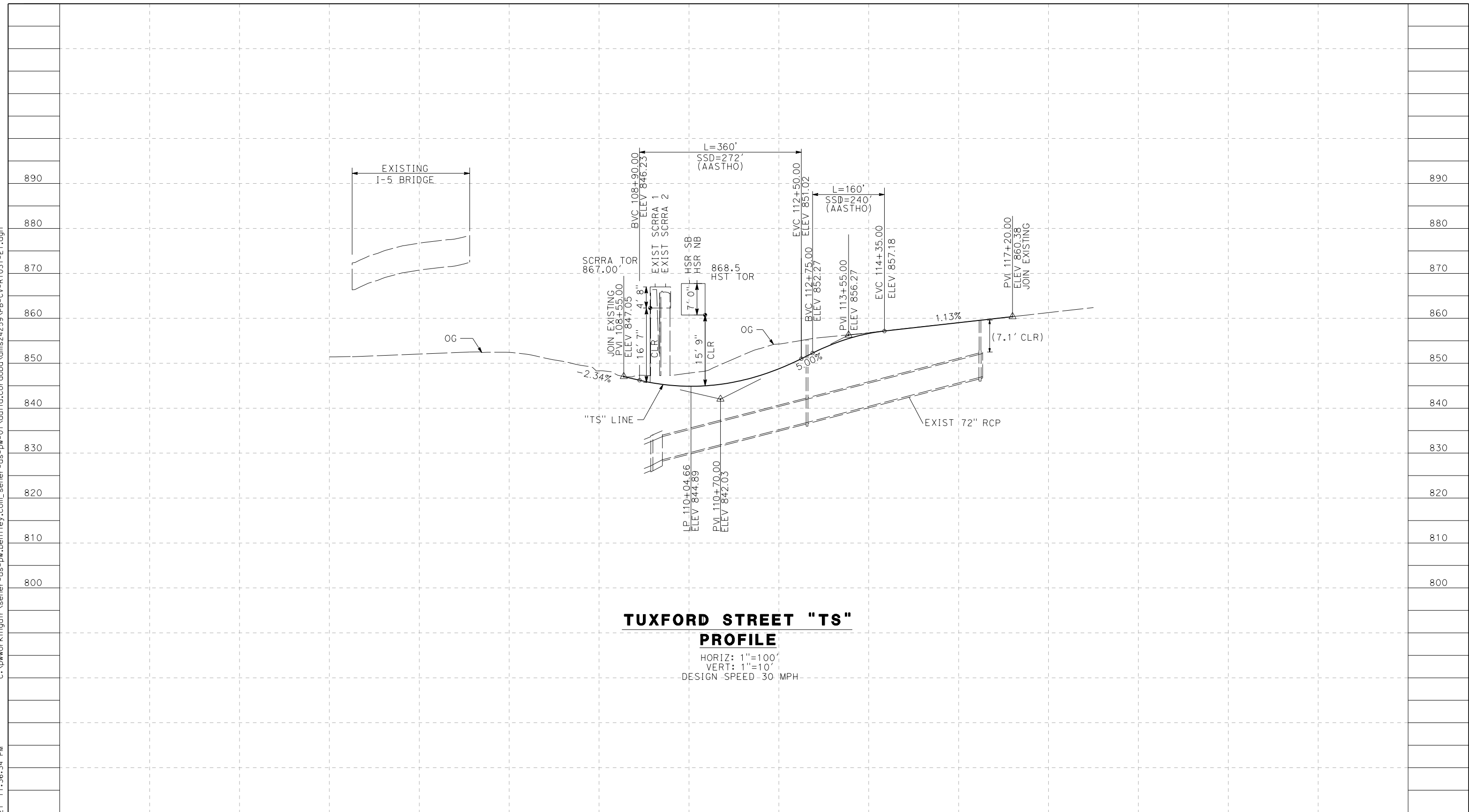
CONTRACT NO. HSR14-42
DRAWING NO. CV-R1030-E1
SCALE AS SHOWN
SHEET NO.

STATION	10+00	12+00	14+00	16+00	18+00	20+00	22+00	TOTAL
Exc								
Emb								

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5/23/2021 11:36:34 PM

cordo



TUXFORD STREET "TS"
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 30 MPH

STATION	102+00	104+00	106+00	108+00	110+00	112+00	114+00	116+00	118+00	120+00	TOTAL
CY	Exc										
	Emb										

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION



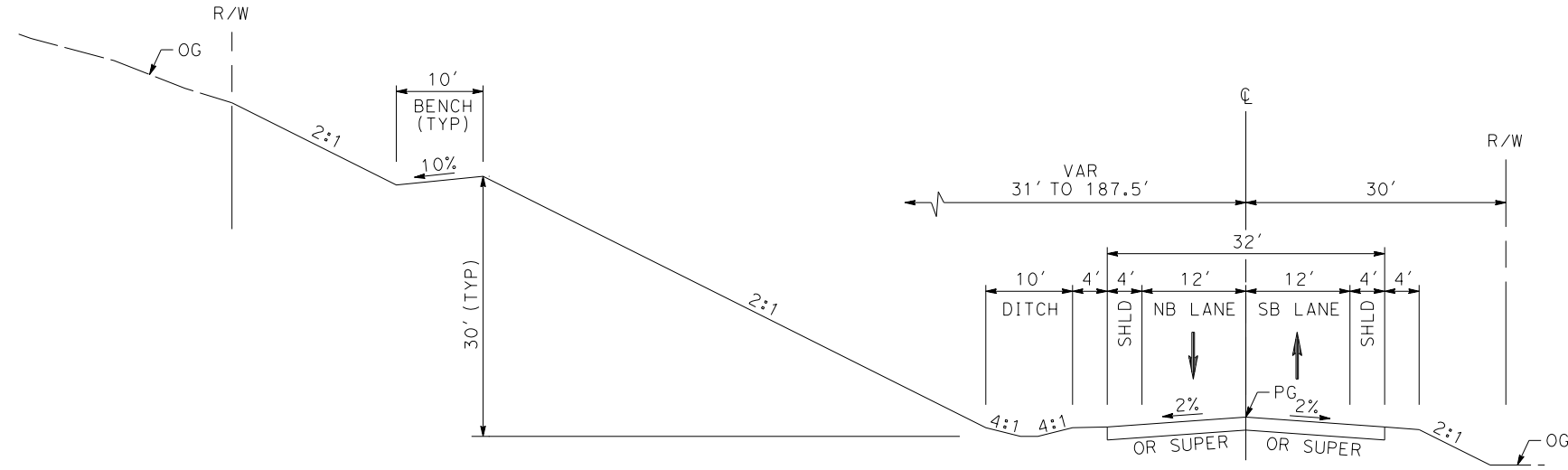
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 ROADWAY PROFILE
 TUXFORD STREET

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1031-E1
 SCALE
AS SHOWN
 SHEET NO.

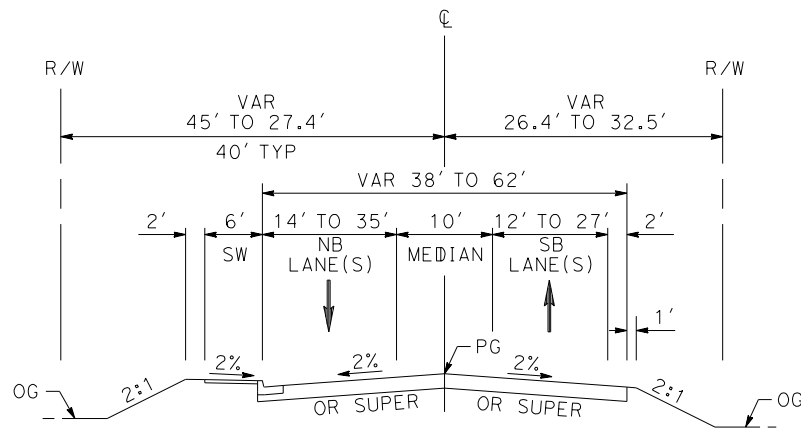
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cordo



SIERRA HIGHWAY
 STA 728+50 TO 775+12
 MAJOR ARTERIAL (B1)
 PER CITY OF PALMDALE GENERAL PLAN



SIERRA HIGHWAY
 STA 708+63 TO STA 728+50
 MAJOR ARTERIAL (B1)
 PER CITY OF PALMDALE GENERAL PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION



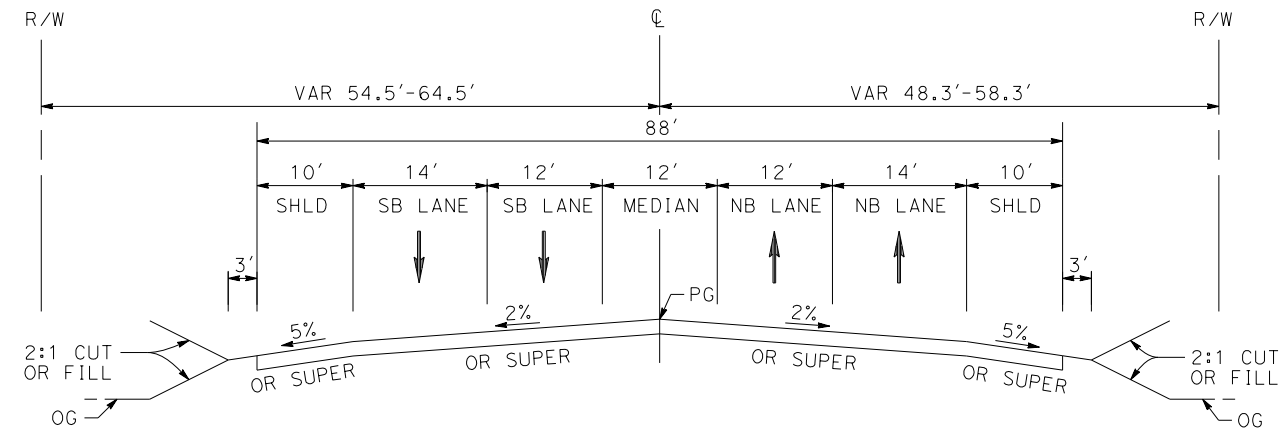
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 SIERRA HIGHWAY
 SHEET 1 OF 2

CONTRACT NO.	HSR14-42
DRAWING NO.	CV-R3001-E1
SCALE	NO SCALE
SHEET NO.	

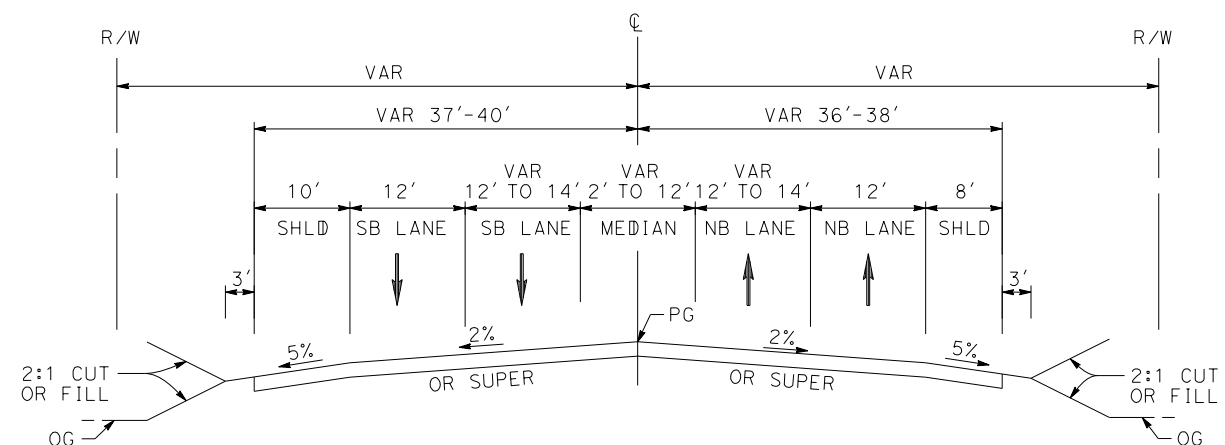
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4/27/2021 8:48:44 AM

cordo



SIERRA HIGHWAY
 STA 8+00 TO STA 34+50
 MAJOR HIGHWAY
 PER LOS ANGELES COUNTY
 MASTER PLAN OF HIGHWAYS

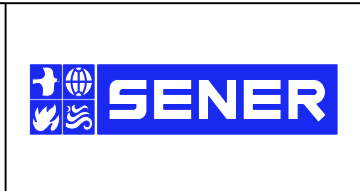


SIERRA HIGHWAY
 STA 4+27 TO STA 8+00
 MAJOR HIGHWAY
 PER LOS ANGELES COUNTY
 MASTER PLAN OF HIGHWAYS

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



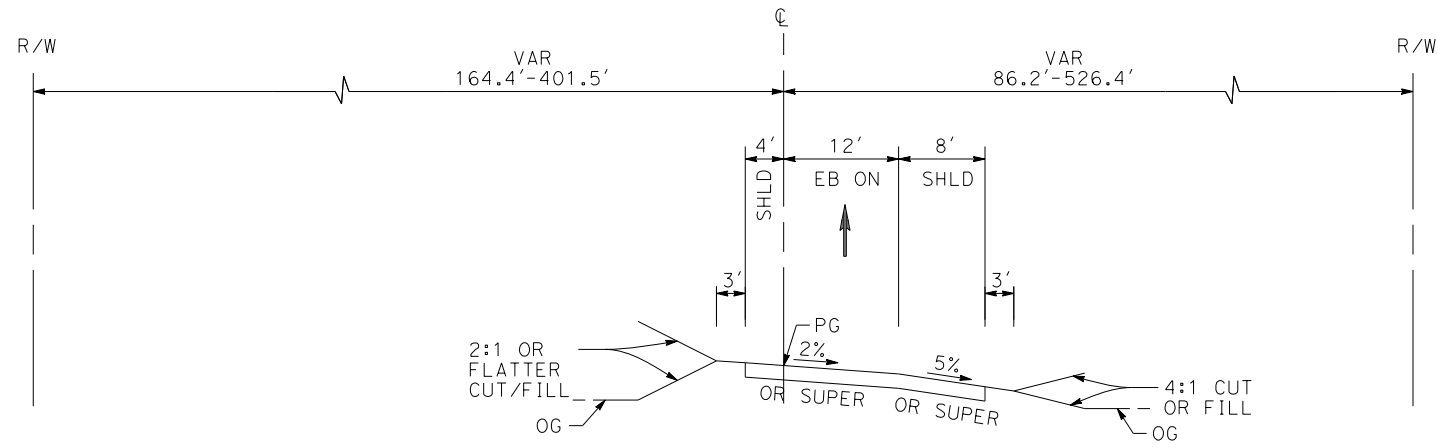
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 SIERRA HIGHWAY
 SHEET 2 OF 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R3002-E1
 SCALE
NO SCALE
 SHEET NO.

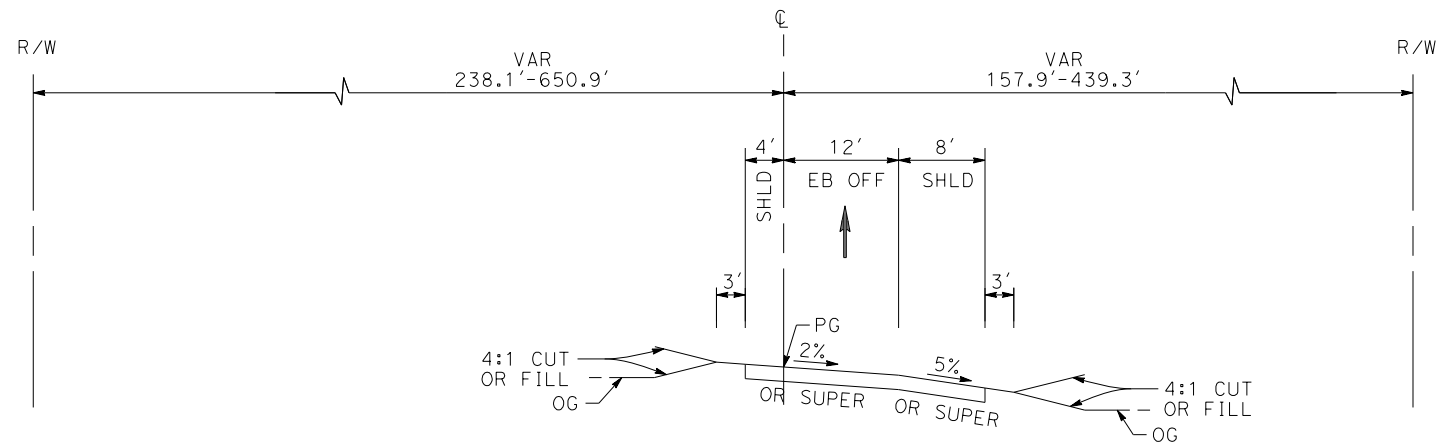
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4/27/2021 8:52:05 AM

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ROUTE 14 EB ON-RAMP
STA 109+30 TO STA 122+25



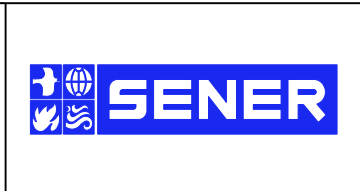
ROUTE 14 EB OFF-RAMP
STA 90+40 TO STA 108+68

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



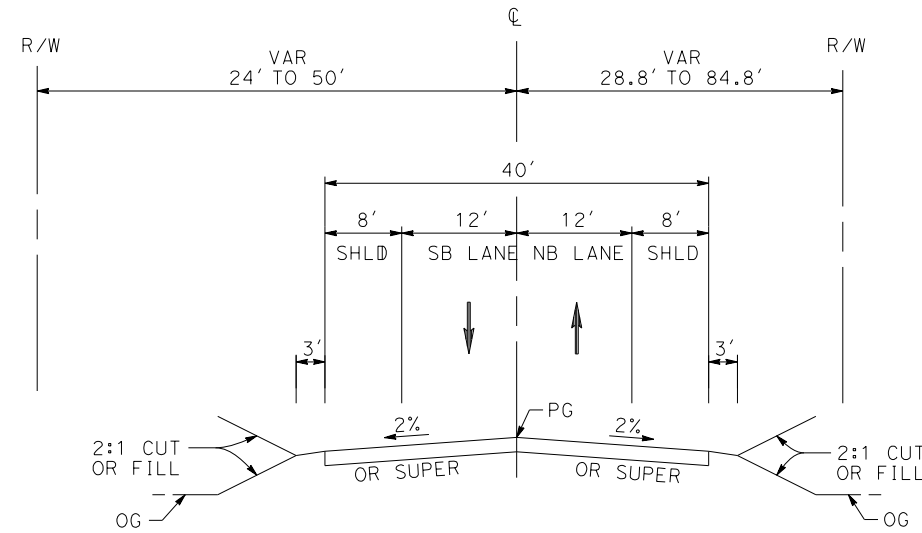
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
TYPICAL SECTIONS
ROUTE 14 EB ON-RAMP AND ROUTE 14 EB OFF-RAMP

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R3003-E1
SCALE
NO SCALE
SHEET NO.

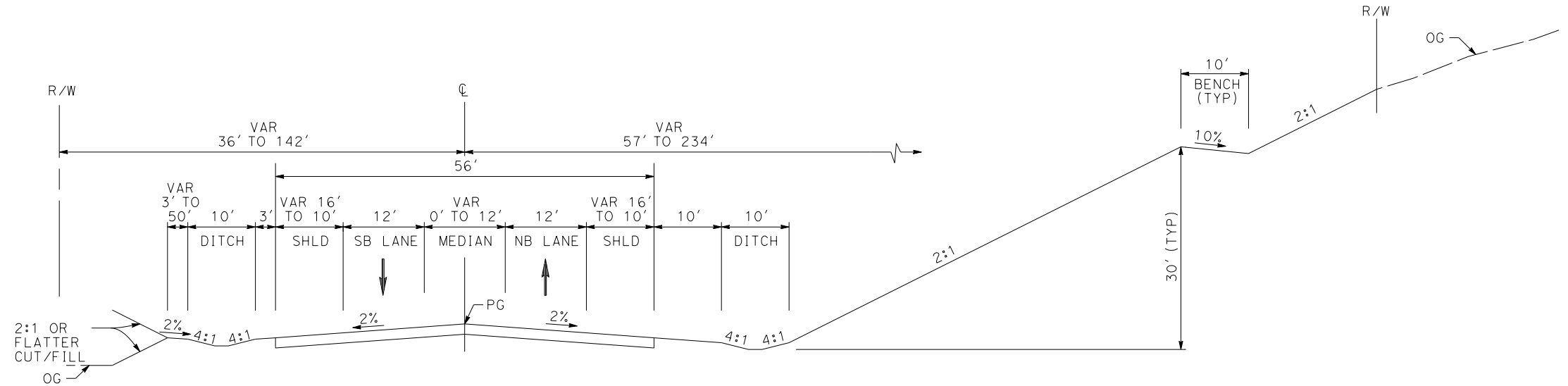
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4/27/2021 8:53:52 AM

cordo



SIERRA HIGHWAY
 STA 86+80 TO STA 114+66
 MAJOR HIGHWAY
 PER LOS ANGELES COUNTY
 MASTER PLAN OF HIGHWAYS



ANGELES FOREST HIGHWAY
 STA 1+33 TO STA 48+86
 MAJOR HIGHWAY
 PER LOS ANGELES COUNTY
 MASTER PLAN OF HIGHWAYS

REV	DATE	BY	CHK	APP	DESCRIPTION

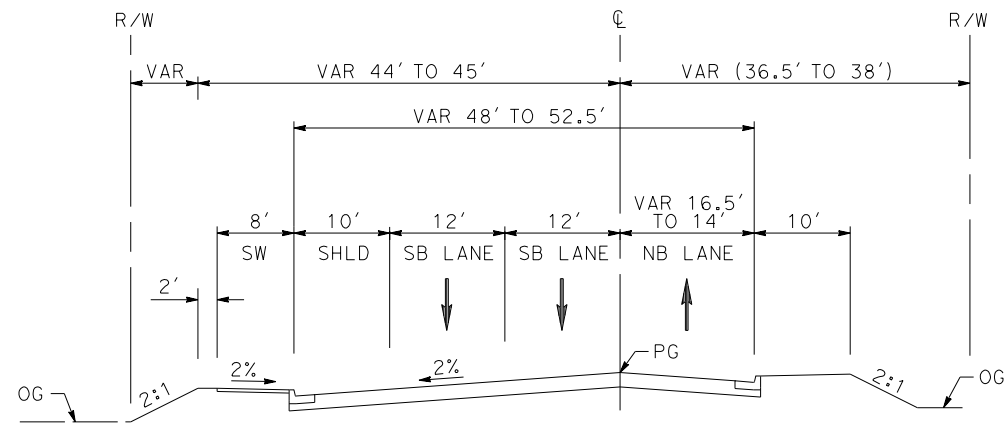
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
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 CONSTRUCTION**

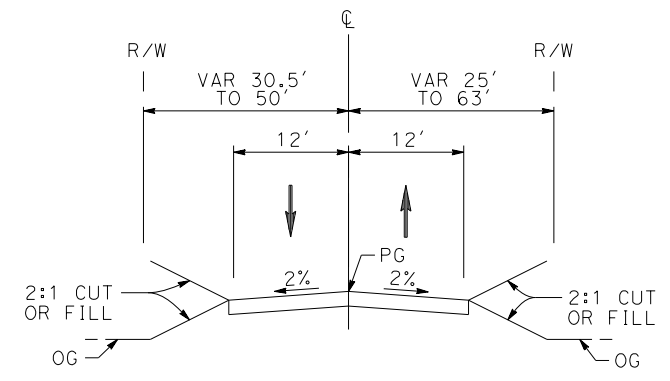


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 SIERRA HIGHWAY AND ANGELES FOREST HIGHWAY

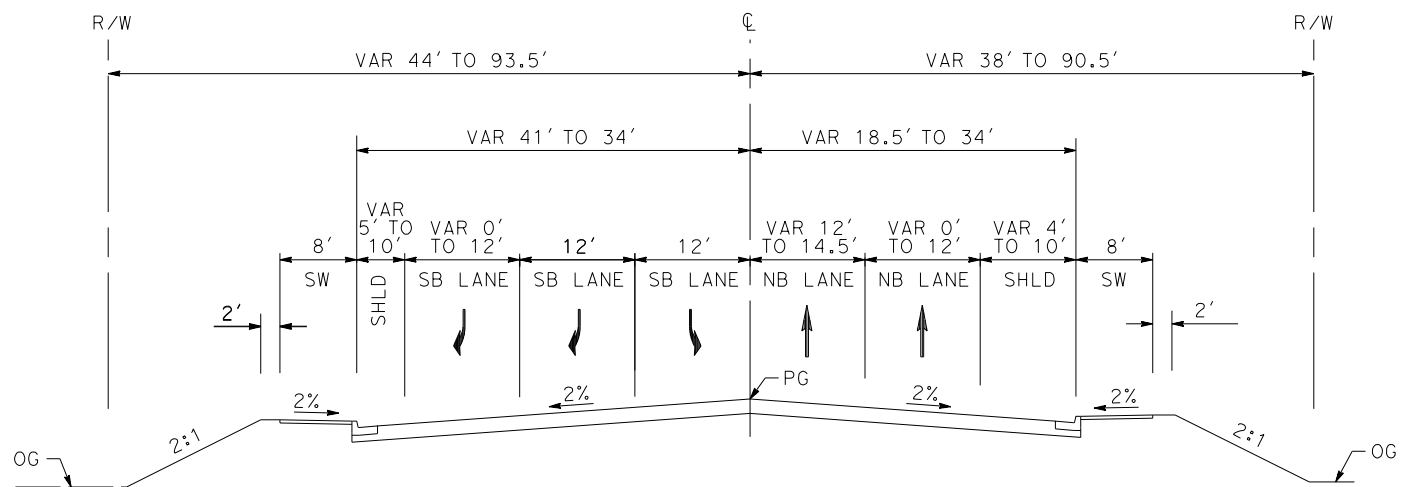
CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-R3004-E1
 SCALE
 NO SCALE
 SHEET NO.



EAST TENTH STREET
 STA 22+71 TO STA 32+38
 SECONDARY ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



WATER TREATMENT PLANT ACCESS RD 2
 STA 0+00 TO STA 8+00



EAST TENTH STREET
 STA 10+49 TO STA 22+71
 SECONDARY ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN

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5/27/2021 6:12:31 AM

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



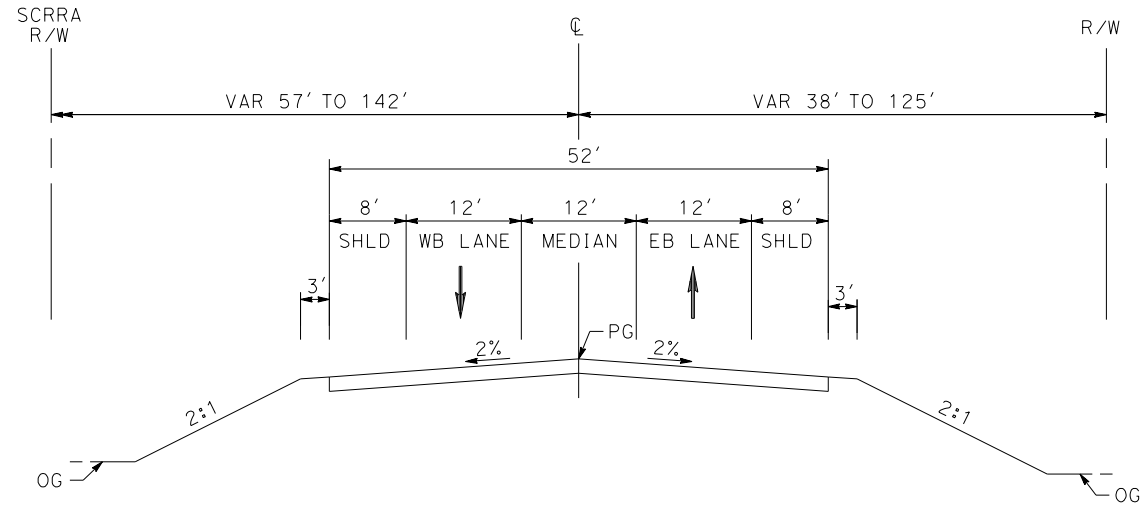
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 EAST TENTH STREET AND
 WATER TREATMENT PLANT ACCESS RD 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R3005-E1
 SCALE
NO SCALE
 SHEET NO.

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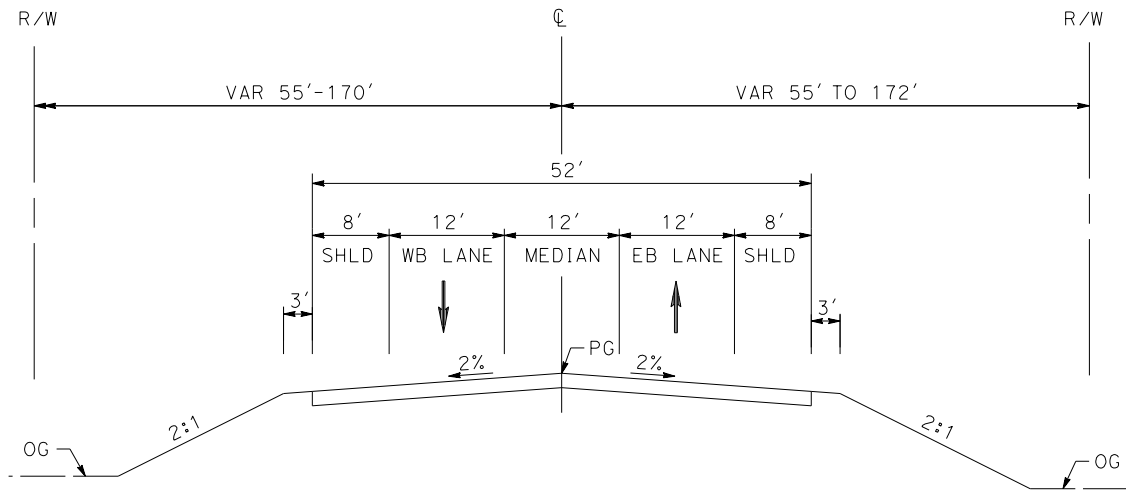
5/23/2021 11:38:40 PM

cordo



W CARSON MESA ROAD

STA 8+50 TO STA 20+00
 LOCAL ROADWAY
 PER LOS ANGELES COUNTY MUNICIPAL CODE
 CHAPTER 21 PARTS 2 AND 3



MOUNTAIN SPRINGS ROAD

STA 85+88 TO STA 98+94
 COLLECTOR STREET
 PER LOS ANGELES COUNTY MUNICIPAL CODE
 CHAPTER 21 PARTS 2 AND 3

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



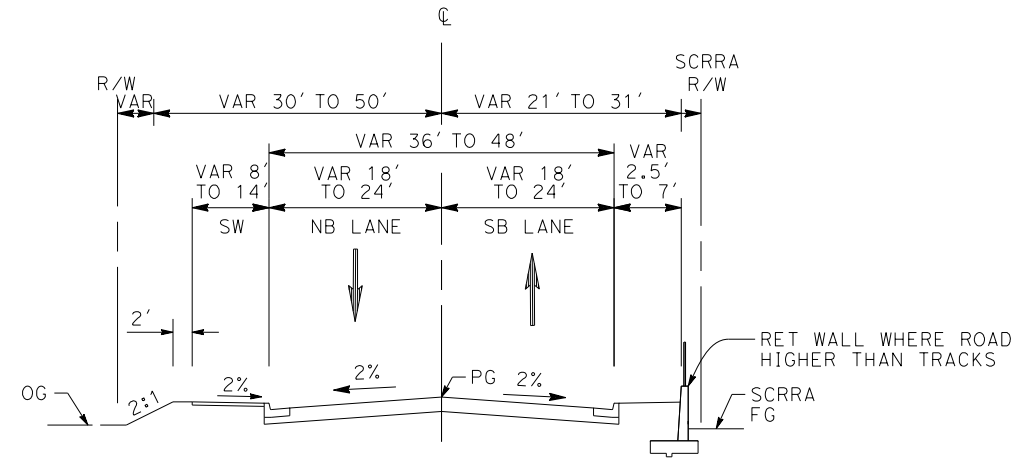
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 W CARSON MESA ROAD AND MOUNTAIN SPRINGS RD

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R3006-E1
 SCALE
NO SCALE
 SHEET NO.

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4/27/2021 8:59:14 AM

cordo



SAN FERNANDO ROAD AT BRANDFORD
STA 16+00 TO STA 24+00

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



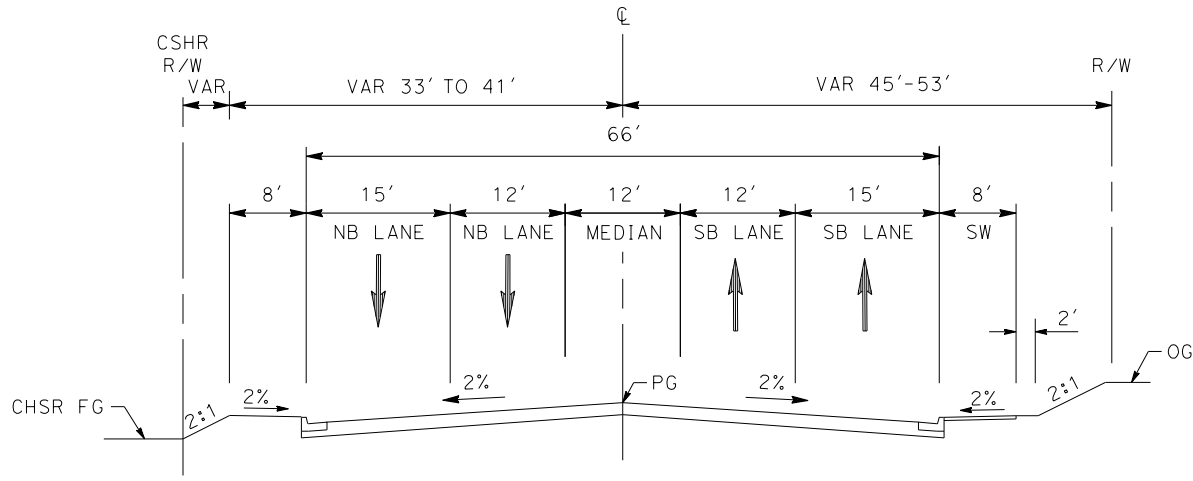
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
TYPICAL SECTIONS
SAN FERNANDO ROAD
SHEET 1 OF 2

CONTRACT NO. HSR14-42
DRAWING NO. CV-R3009-E1
SCALE NO SCALE
SHEET NO.

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cordo

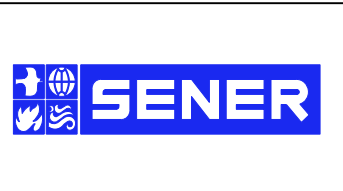


SAN FERNANDO ROAD AT SHELDON
STA 2+48 TO STA 24+00

REV	DATE	BY	CHK	APP	DESCRIPTION

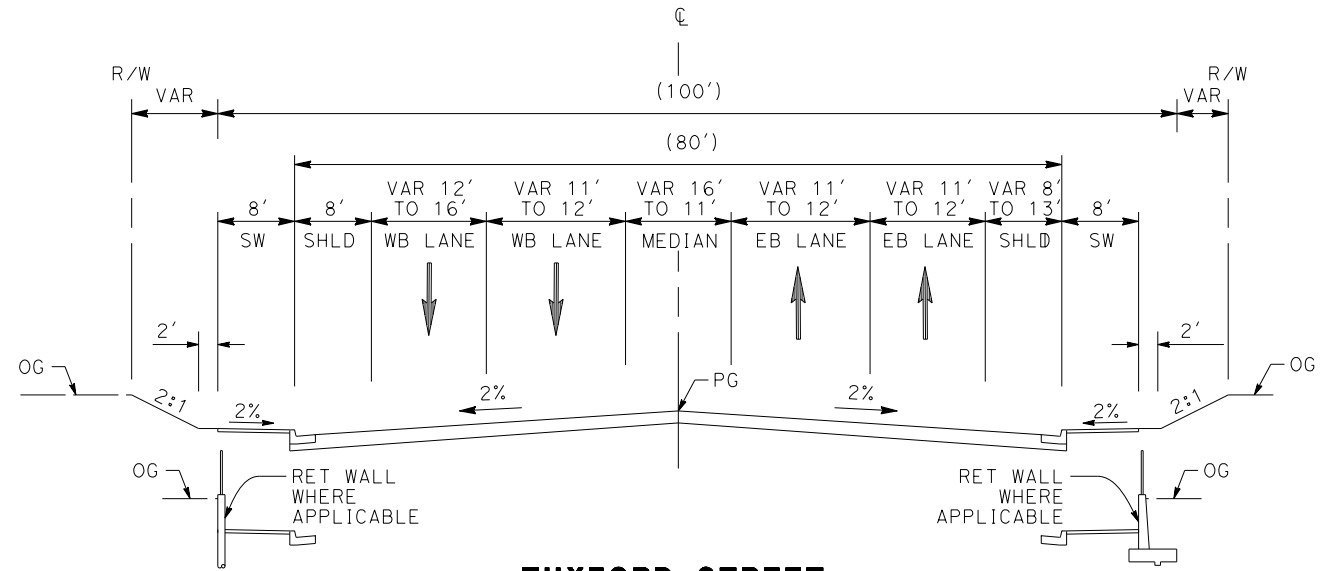
DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



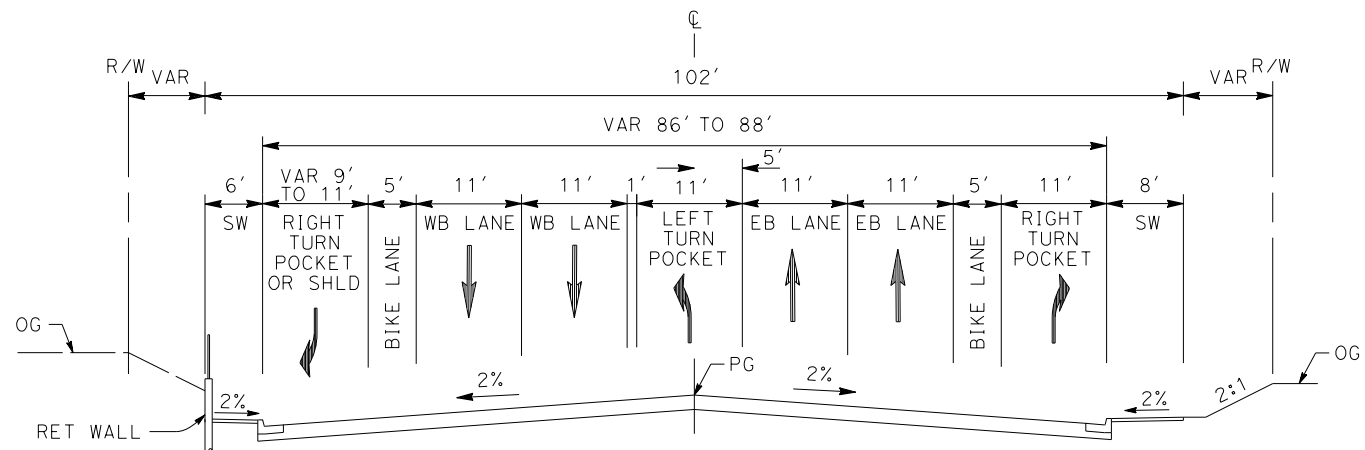
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
TYPICAL SECTIONS
SAN FERNANDO ROAD
SHEET 2 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R3010-E1
SCALE
NO SCALE
SHEET NO.



TUXFORD STREET

STA 108+33 TO STA 117+00
 BOULEVARD II (MAJOR HIGHWAY CLASS II)
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



TUXFORD STREET

STA 105+00 TO STA 108+33
 BOULEVARD II (MAJOR HIGHWAY CLASS II)
 PER CITY OF LOS ANGELES GENERAL PLAN 2035

c:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalila.cordoba\dms24259\VPB-CV-R3011-E1.dgn

4/27/2021 9:41:02 AM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA

DRAWN BY
A. SANZ

CHECKED BY
W. GUO

IN CHARGE
A. RELANO

DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 TUXFORD STREET

CONTRACT NO.
HSR14-42

DRAWING NO.
CV-R3011-E1

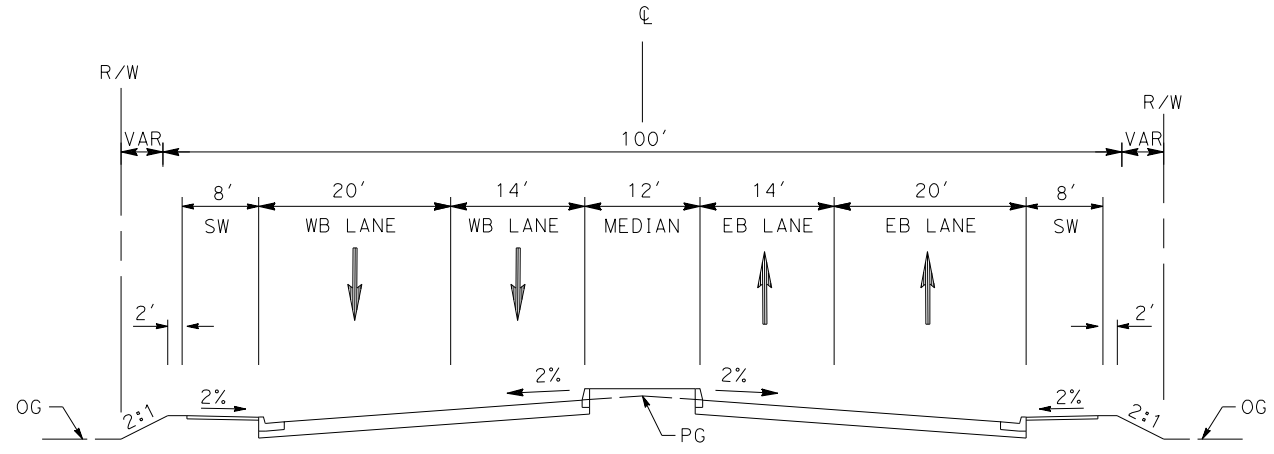
SCALE
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SHEET NO.

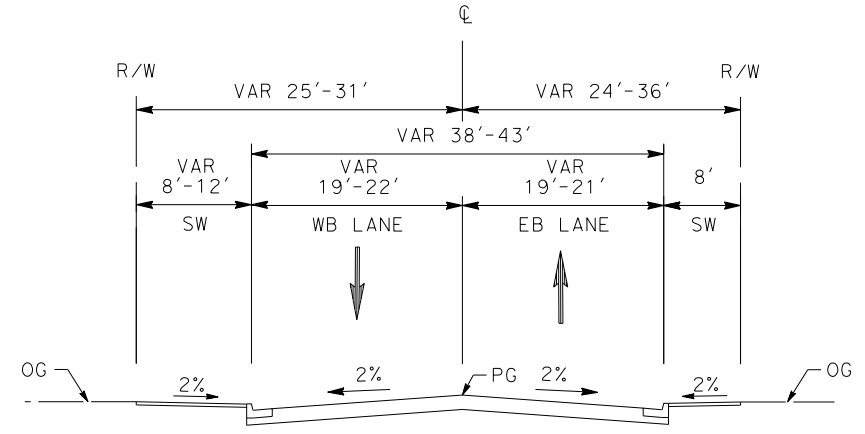
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cordo



OLINDA STREET
 STA 15+00 TO STA 17+50
 COLLECTOR STREET
 PER CITY OF LOS ANGELES GENERAL PLAN 2035

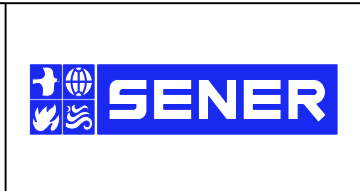


OLINDA STREET
 STA 13+50 TO STA 15+00
 AND STA 17+50 TO STA 18+20
 COLLECTOR STREET
 PER CITY OF LOS ANGELES GENERAL PLAN 2035

REV	DATE	BY	CHK	APP	DESCRIPTION

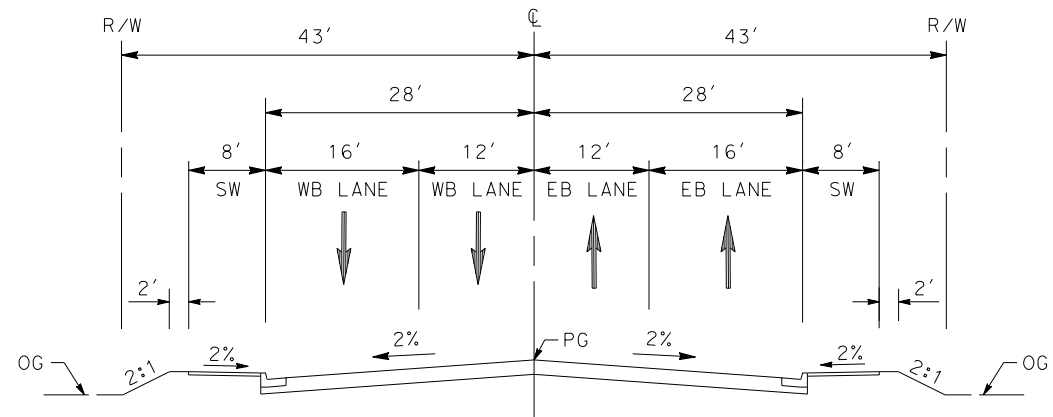
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION

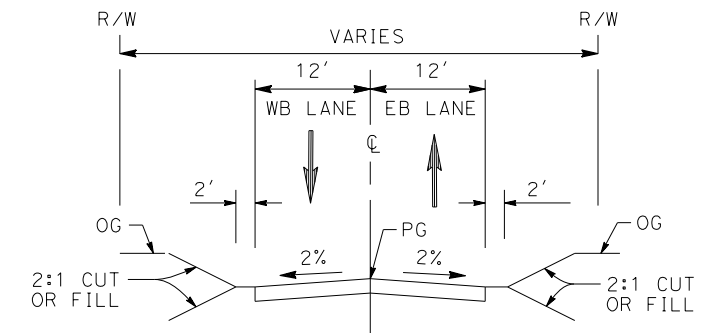


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 OLINDA STREET

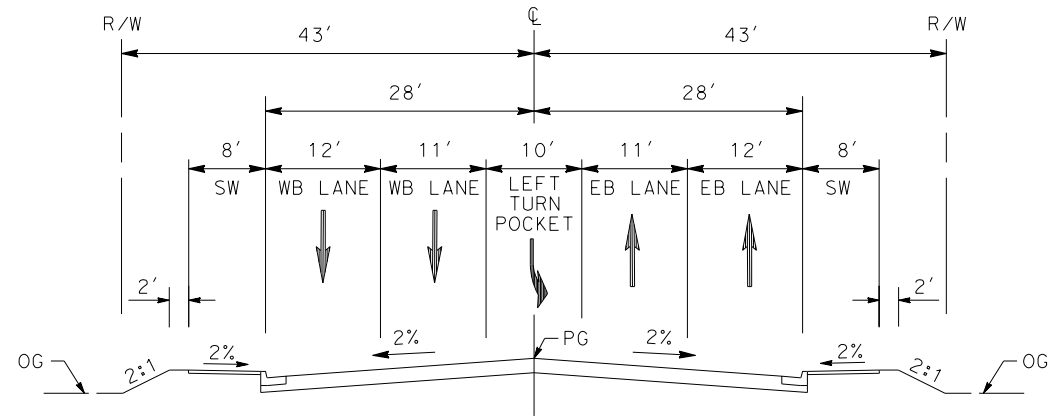
CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-R3012-E1
 SCALE
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 SHEET NO.



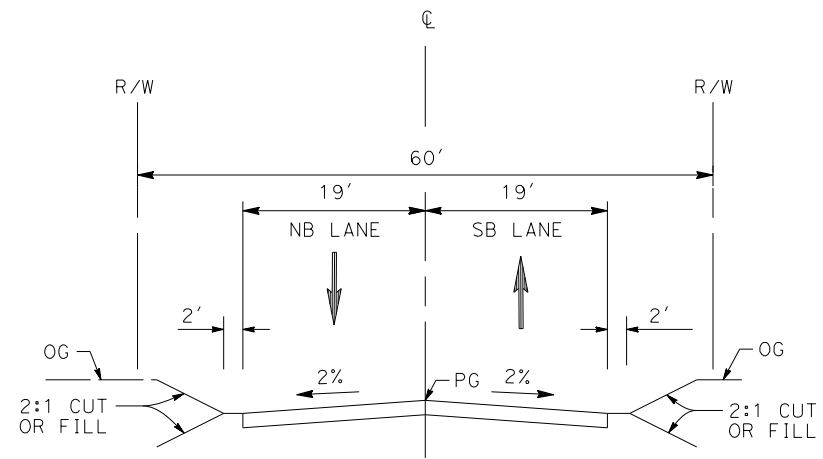
BRANFORD STREET
 STA 14+51 TO STA 25+80
 AVENUE II (SECONDARY HIGHWAY)
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



ACCESS ROAD
 STA 1+00 TO STA 16+00
 LOCAL STREET
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



BRANFORD STREET
 STA 13+34 TO STA 15+00
 AVENUE II (SECONDARY HIGHWAY)
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



RALSTON AVENUE
 STA 10+31 TO STA 24+34
 LOCAL STREET
 PER CITY OF LOS ANGELES GENERAL PLAN 2035

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4/27/2021 9:47:20 AM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION



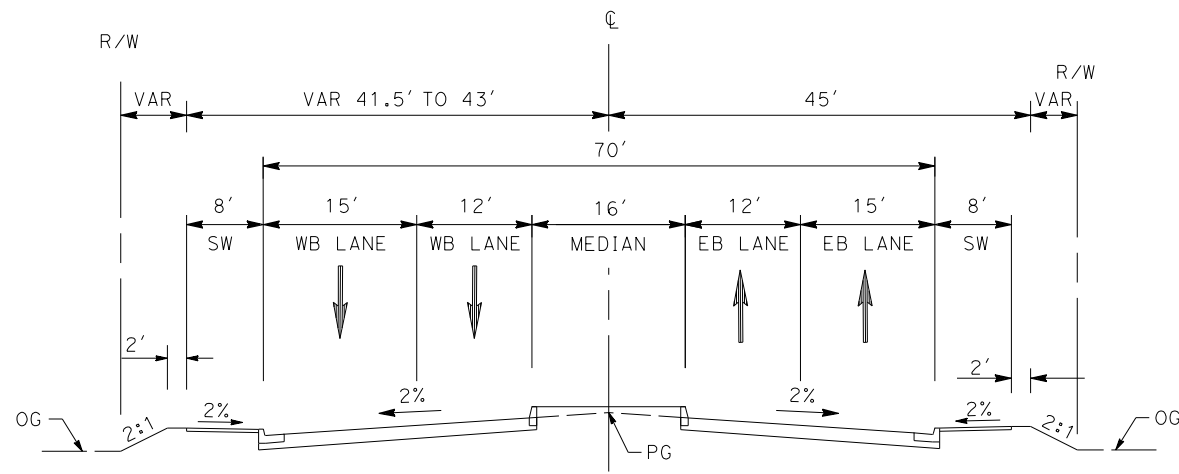
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 BRANFORD ST, RALSTON AVE AND ACCESS RD

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R3013-E1
 SCALE
NO SCALE
 SHEET NO.

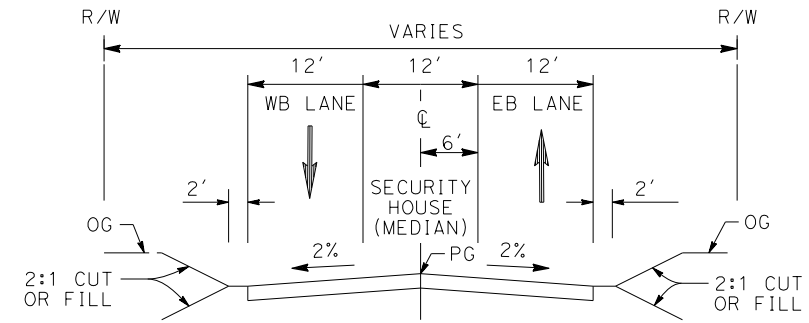
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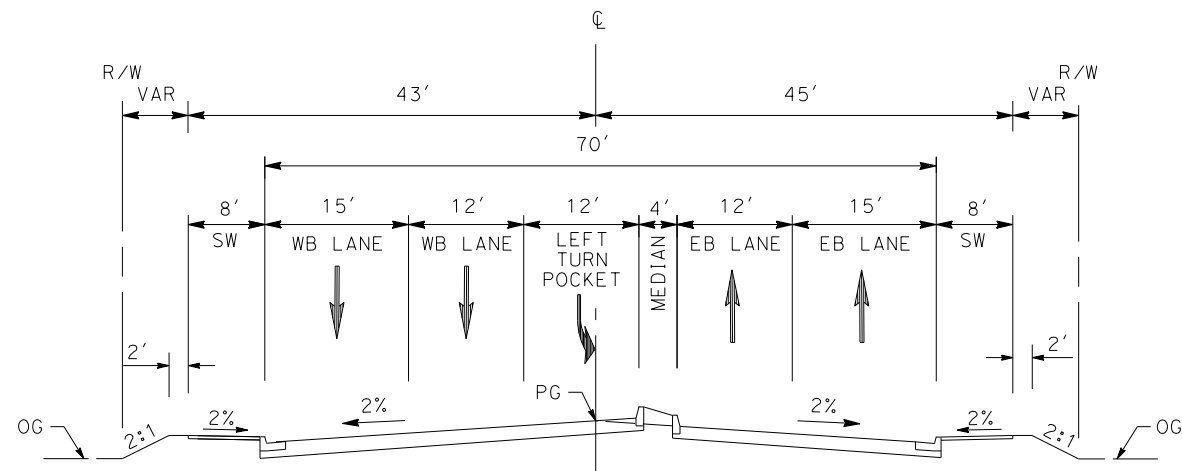
cordo



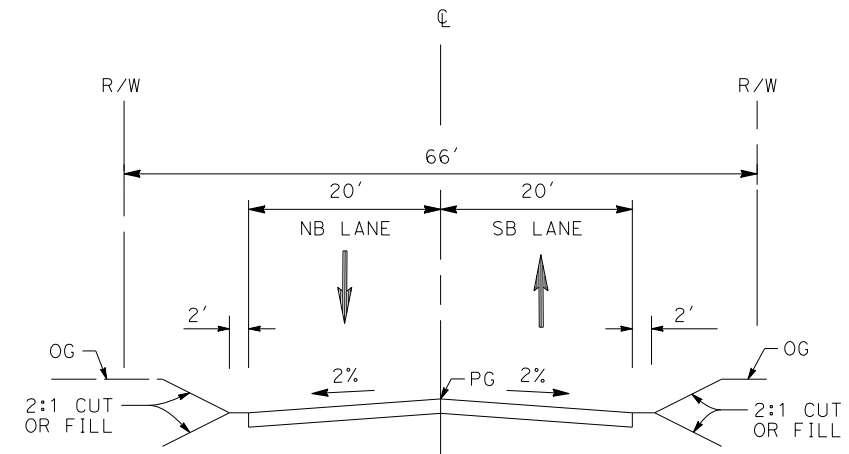
SHELDON STREET
 STA 10+25 TO STA 12+70
 AVENUE II (SECONDARY HIGHWAY)
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



LADWP ROAD
 STA 1+00 TO STA 10+00



SHELDON STREET
 STA 8+88 TO STA 10+25
 AVENUE II (SECONDARY HIGHWAY)
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



PRIVATE ROAD 1
 STA 12+64 TO STA 27+24

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION



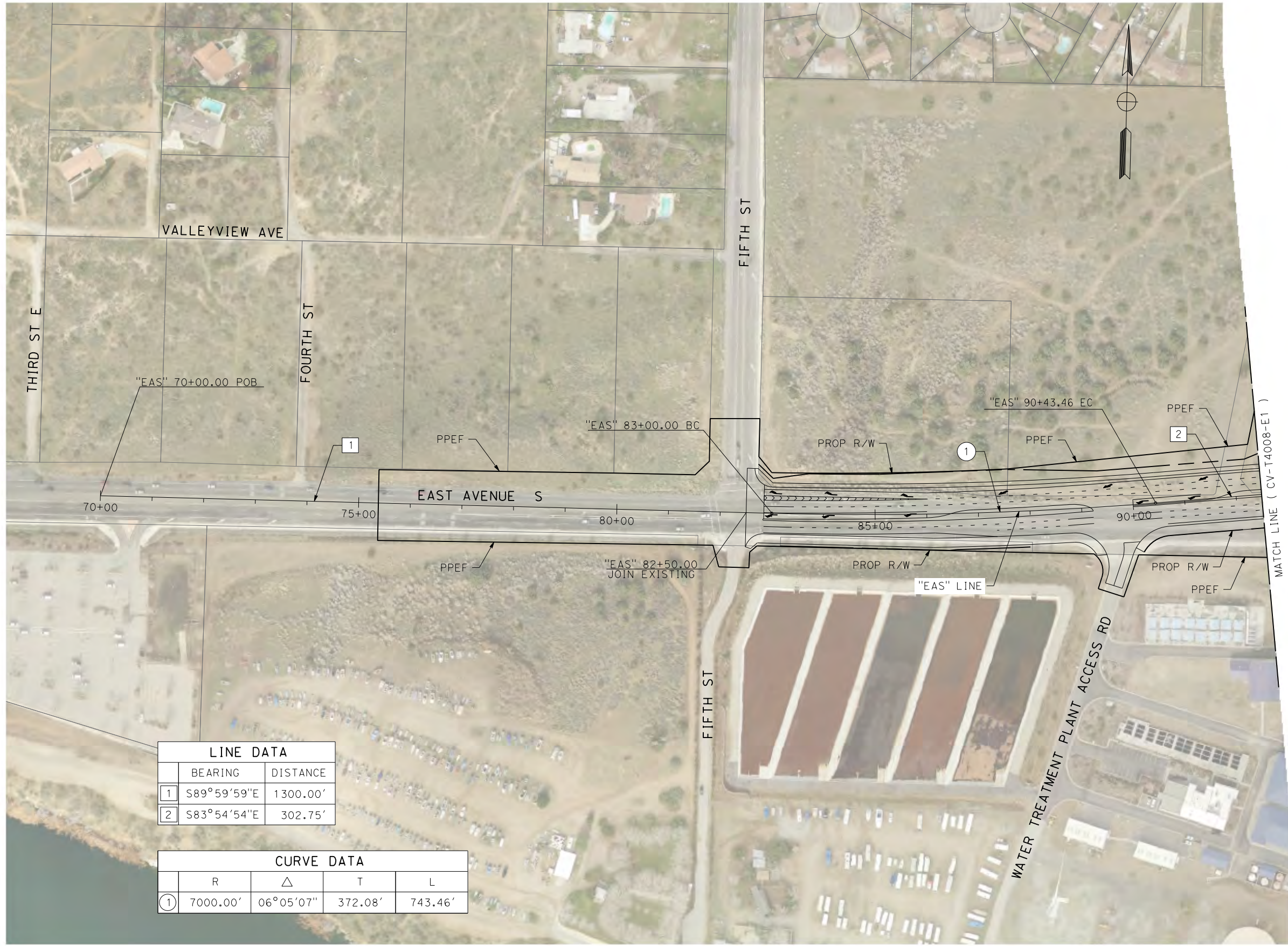
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 SHELDON ST, PRIVATE RD 1 AND LADWP RD

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-R3014-E1
 SCALE
 NO SCALE
 SHEET NO.

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cordo



LINE DATA		
	BEARING	DISTANCE
1	S89°59'59"E	1300.00'
2	S83°54'54"E	302.75'

CURVE DATA				
	R	Δ	T	L
1	7000.00'	06°05'07"	372.08'	743.46'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



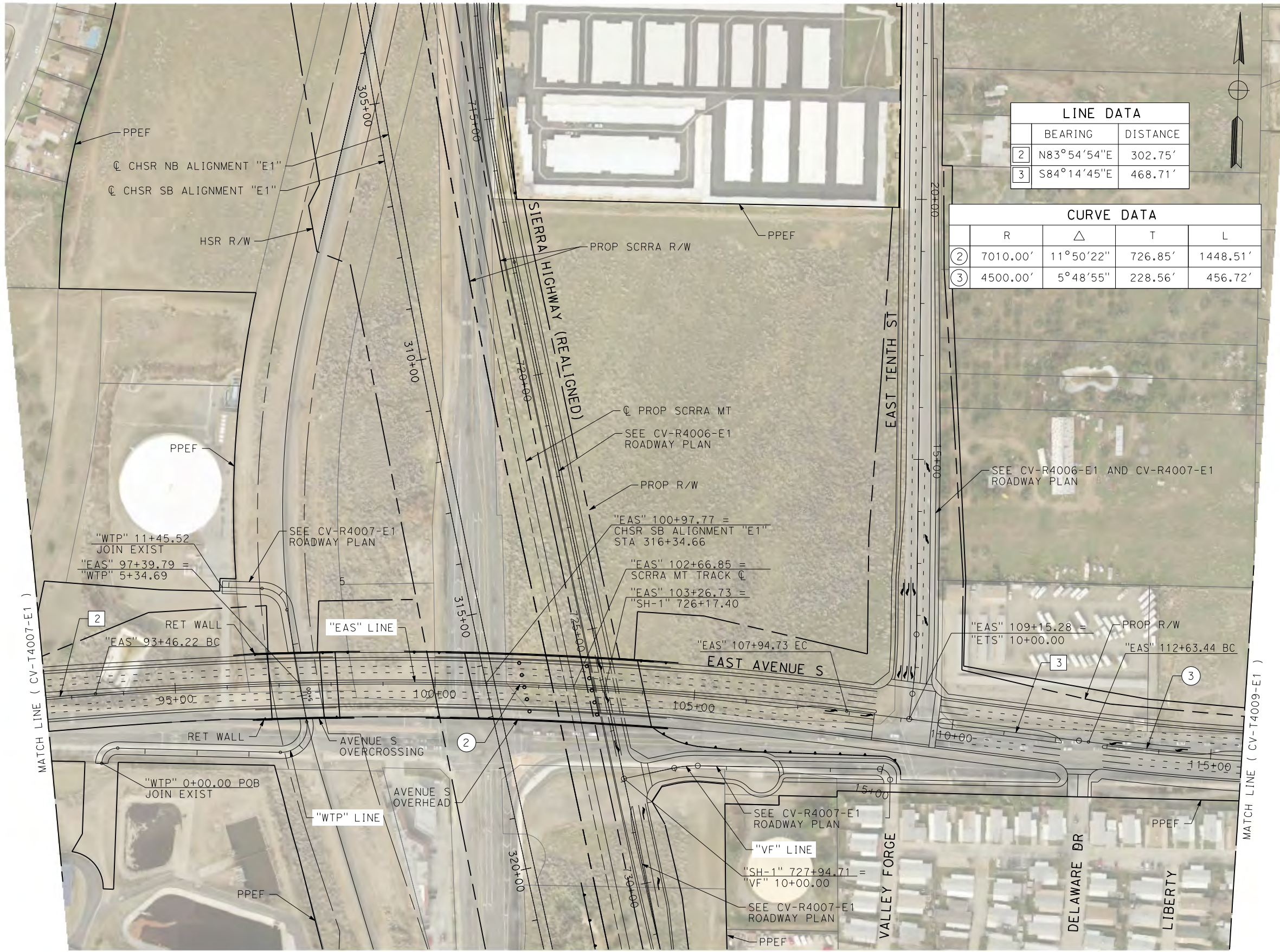
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 1 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4007-E1
SCALE
AS SHOWN
SHEET NO.

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cordo



LINE DATA		
	BEARING	DISTANCE
②	N83°54'54"E	302.75'
③	S84°14'45"E	468.71'

CURVE DATA				
	R	Δ	T	L
②	7010.00'	11°50'22"	726.85'	1448.51'
③	4500.00'	5°48'55"	228.56'	456.72'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 2 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4008-E1
SCALE
AS SHOWN
SHEET NO.

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cordo



LINE DATA	
BEARING	DISTANCE
7 N89°56'21"E	279.84'

CURVE DATA				
	R	Δ	T	L
3	4500.00'	5°48'55"	228.56'	456.72'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 3 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4009-E1
SCALE
AS SHOWN
SHEET NO.

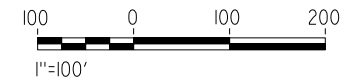
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5/23/2021 11:53:19 PM

cordo



LINE DATA		
	BEARING	DISTANCE
1	N48°51'49"E	3,000.00'
2	S41°05'16"E	1,000.00'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PLAN
BRANFORD ST AND SAN FERNANDO ROAD "SFR1"
SHEET 1 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4010-E1
SCALE
AS SHOWN
SHEET NO.

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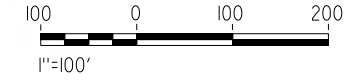
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cordo



MATCH LINE (CV-T4010-E1)

LINE DATA		
	BEARING	DISTANCE
1	N48°51'49"E	3000.00'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



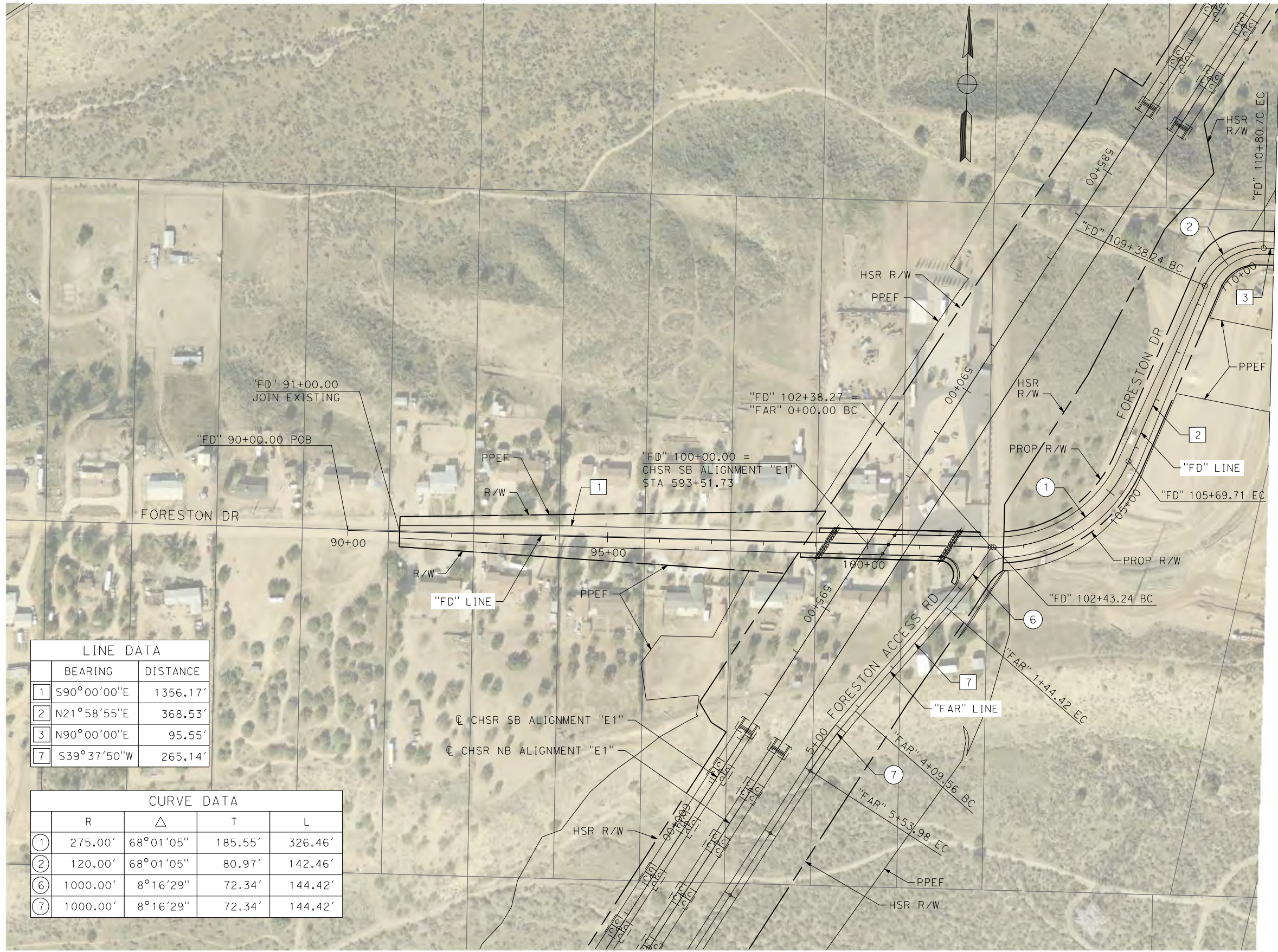
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PLAN
BRANFORD ST
SHEET 2 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4011-E1
SCALE
AS SHOWN
SHEET NO.

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5/27/2021 5:13:39 PM

cordo



LINE DATA		
	BEARING	DISTANCE
1	S90°00'00"E	1356.17'
2	N21°58'55"E	368.53'
3	N90°00'00"E	95.55'
7	S39°37'50"W	265.14'

CURVE DATA				
	R	Δ	T	L
1	275.00'	68°01'05"	185.55'	326.46'
2	120.00'	68°01'05"	80.97'	142.46'
6	1000.00'	8°16'29"	72.34'	144.42'
7	1000.00'	8°16'29"	72.34'	144.42'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



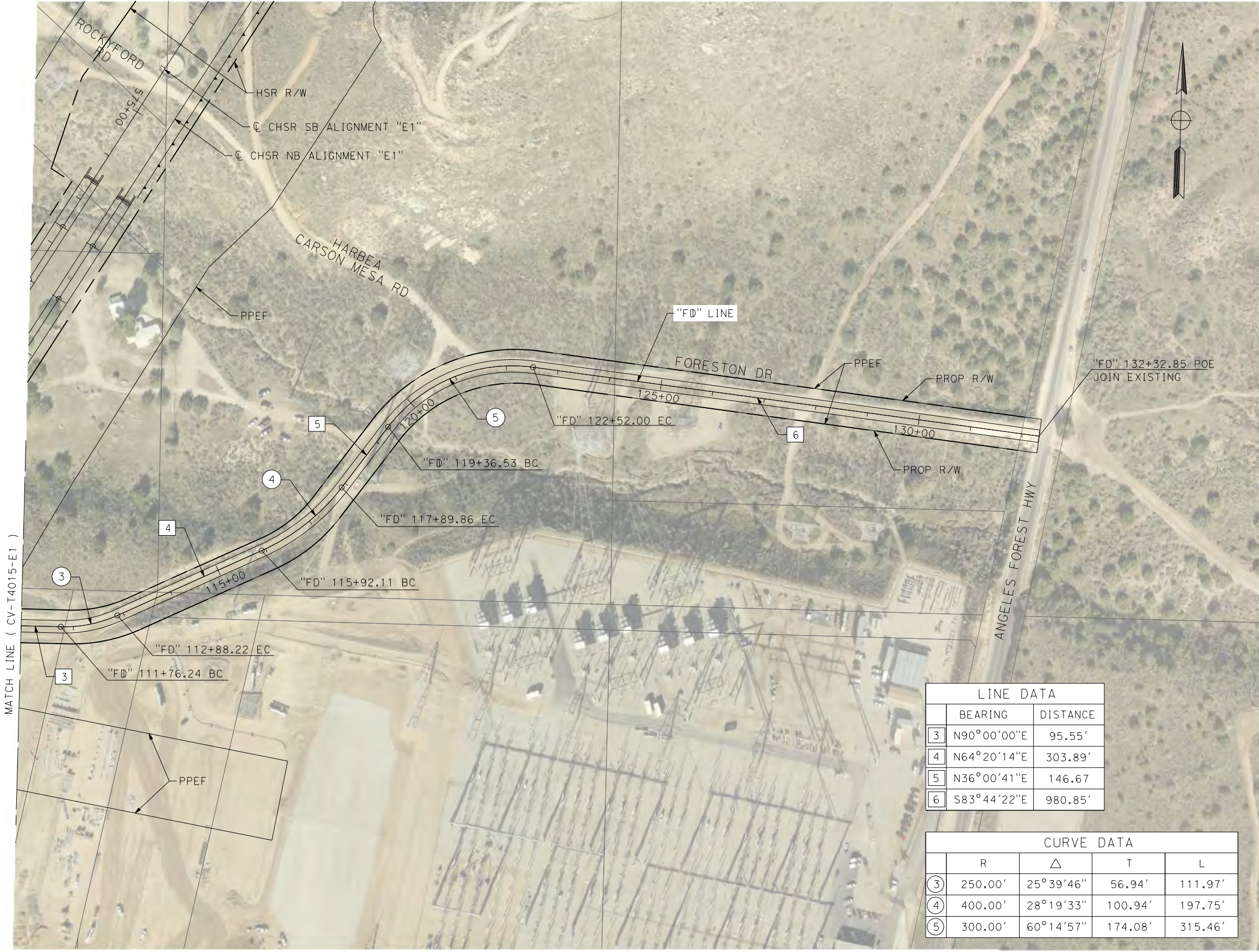
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PLAN
FORESTON DRIVE AND FORESTON ACCESS ROAD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4015-E1
SCALE
AS SHOWN
SHEET NO.

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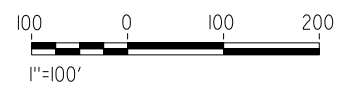
5/27/2021 5:11:02 PM

cordo



LINE DATA	
BEARING	DISTANCE
3	N90°00'00"E 95.55'
4	N64°20'14"E 303.89'
5	N36°00'41"E 146.67'
6	S83°44'22"E 980.85'

CURVE DATA				
	R	Δ	T	L
3	250.00'	25°39'46"	56.94'	111.97'
4	400.00'	28°19'33"	100.94'	197.75'
5	300.00'	60°14'57"	174.08'	315.46'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



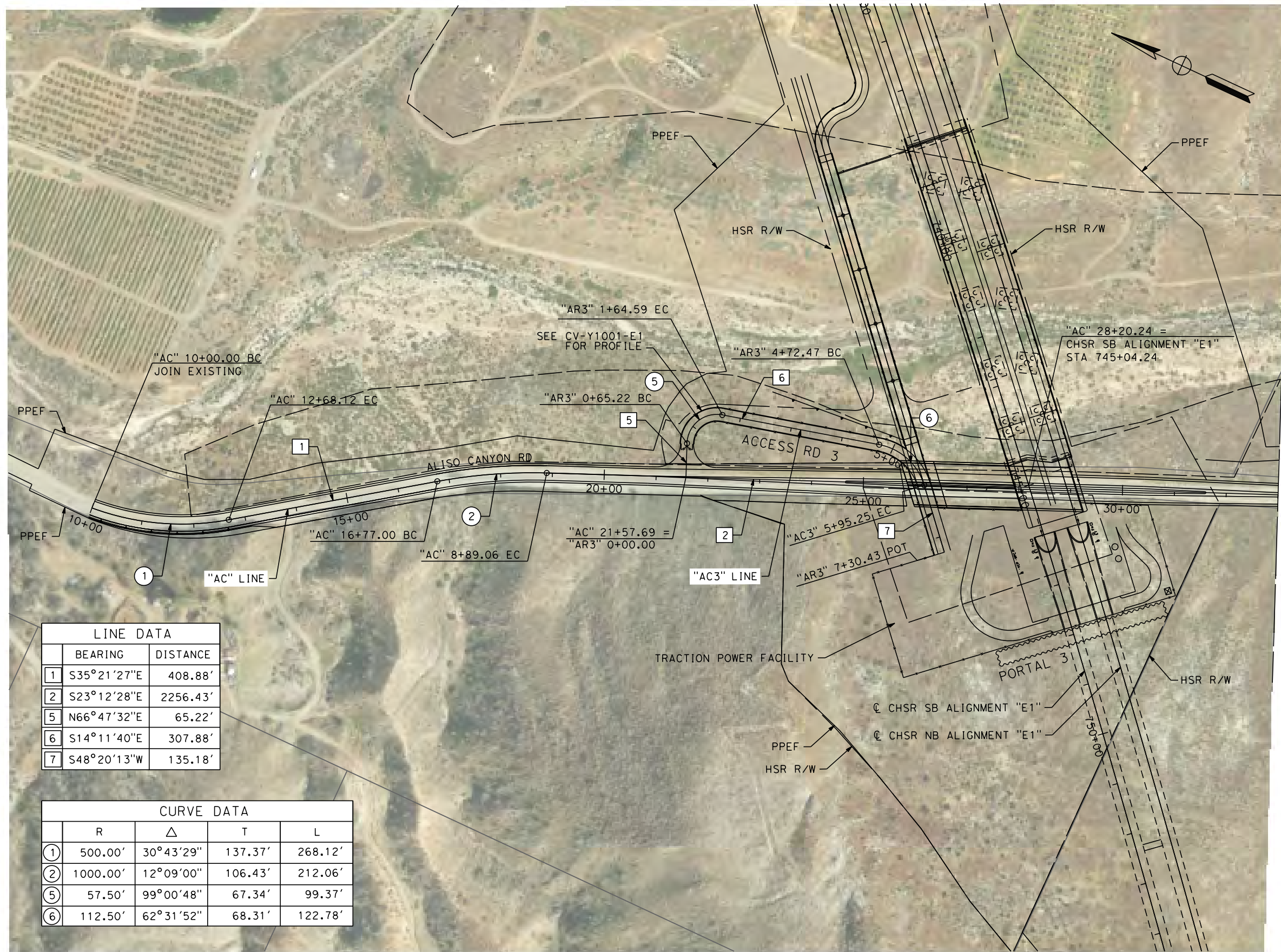
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PLAN
FORESTON DRIVE

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4016-E1
SCALE
AS SHOWN
SHEET NO.

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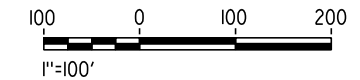
cordo



MATCH LINE (CV-T4018-E1)

LINE DATA		
	BEARING	DISTANCE
1	S35°21'27"E	408.88'
2	S23°12'28"E	2256.43'
5	N66°47'32"E	65.22'
6	S14°11'40"E	307.88'
7	S48°20'13"W	135.18'

CURVE DATA				
	R	Δ	T	L
1	500.00'	30°43'29"	137.37'	268.12'
2	1000.00'	12°09'00"	106.43'	212.06'
5	57.50'	99°00'48"	67.34'	99.37'
6	112.50'	62°31'52"	68.31'	122.78'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



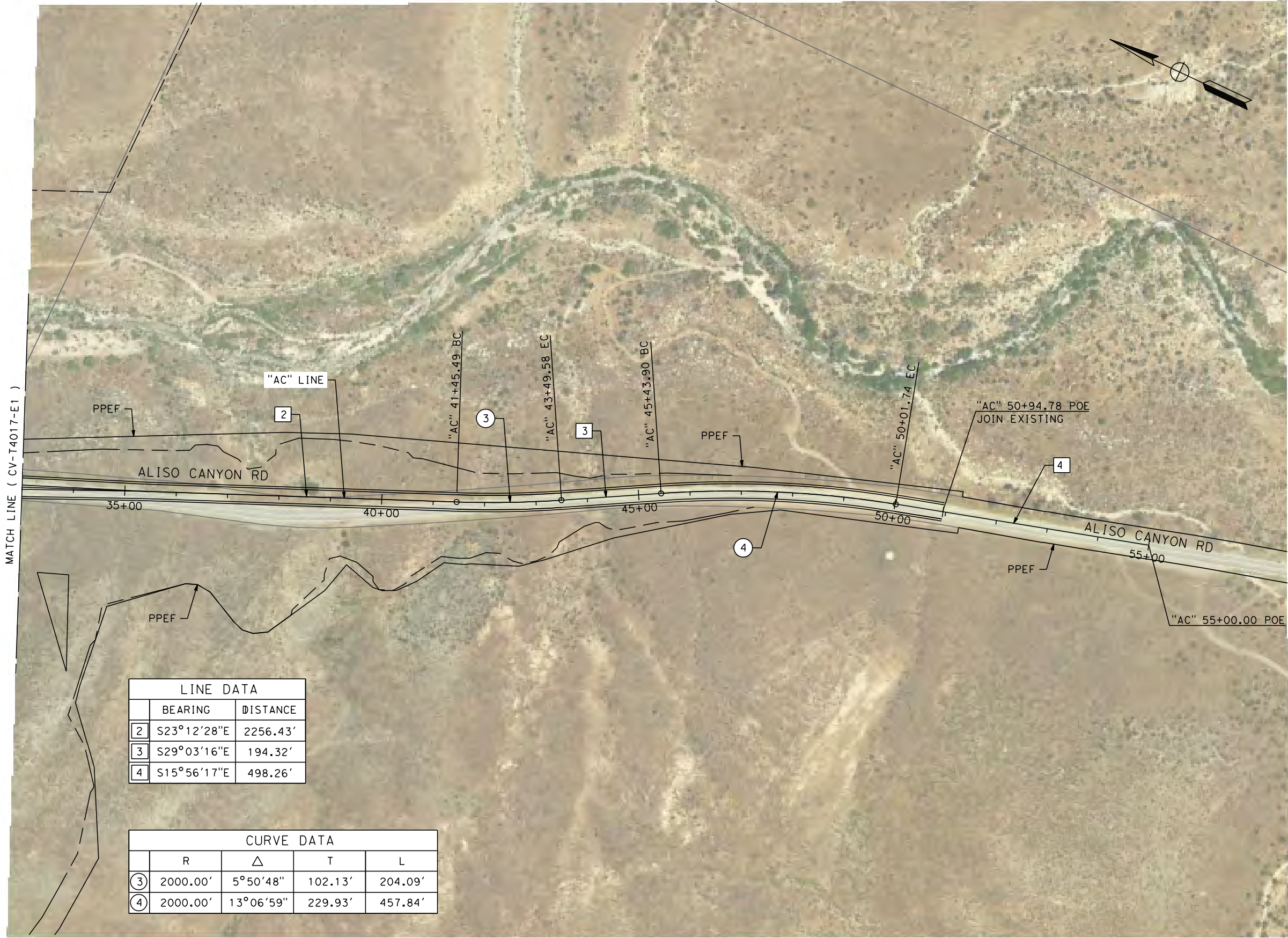
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE DEPARATION PLAN
ALISO CANYON ROAD AND ACCESS ROAD 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4017-E1
SCALE
AS SHOWN
SHEET NO.

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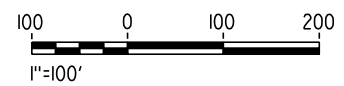
7/22/2021 12:35:26 AM

cordo



LINE DATA		
	BEARING	DISTANCE
2	S23°12'28"E	2256.43'
3	S29°03'16"E	194.32'
4	S15°56'17"E	498.26'

CURVE DATA				
	R	Δ	T	L
3	2000.00'	5°50'48"	102.13'	204.09'
4	2000.00'	13°06'59"	229.93'	457.84'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



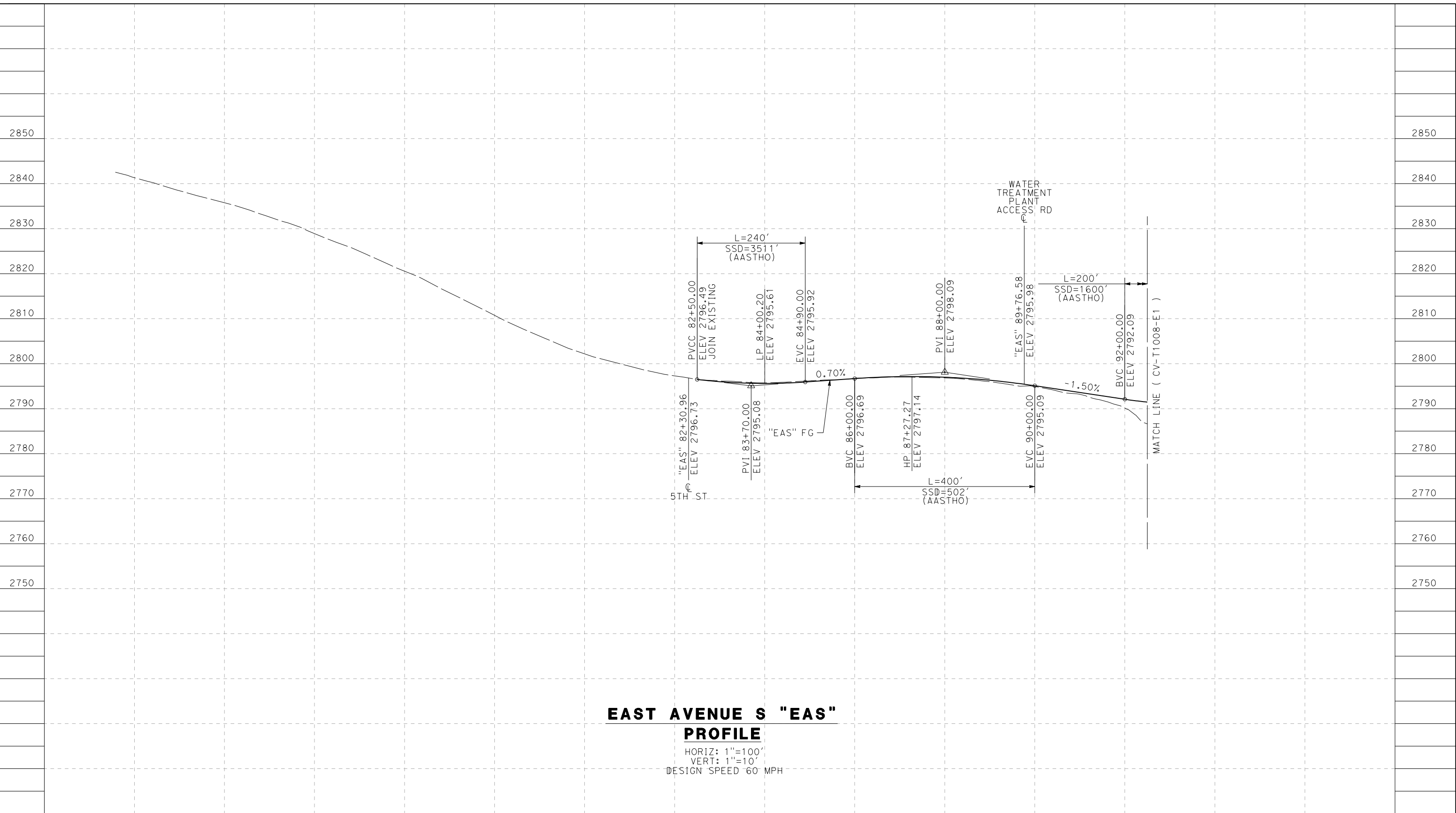
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PLAN
ALISO CANYON ROAD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4018-E1
SCALE
AS SHOWN
SHEET NO.

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5/23/2021 11:55:48 PM

cordo



EAST AVENUE S "EAS" PROFILE

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION	70+00	72+00	74+00	76+00	78+00	80+00	82+00	84+00	86+00	88+00	90+00	92+00	94+00	96+00	TOTAL
CY	Exc														
	Emb														

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PROFILE
EAST AVENUE S
SHEET 1 OF 3

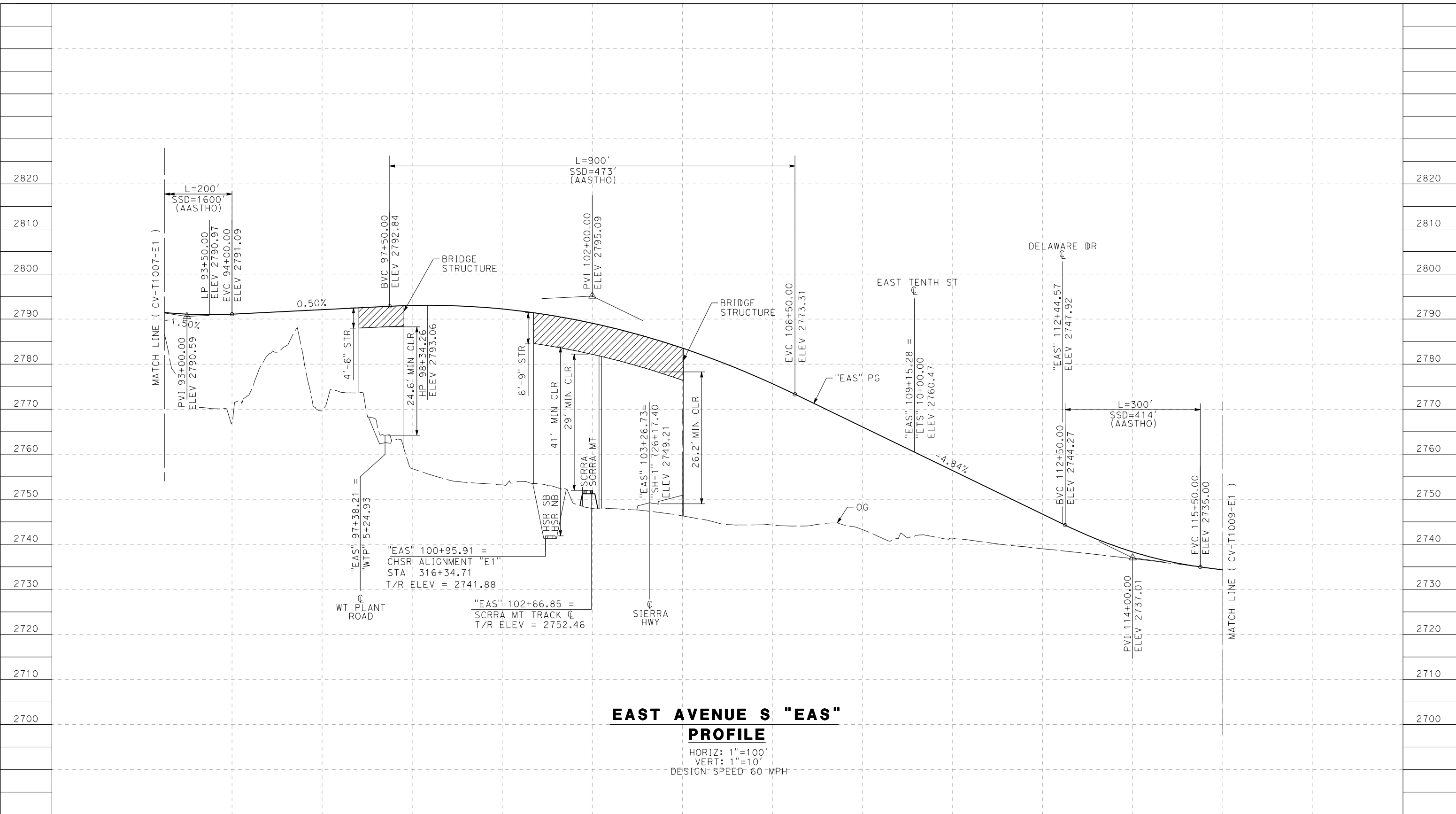
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T1007-E1
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/27/2021 6:16:38 PM

cordo



EAST AVENUE S "EAS" PROFILE

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION	92+00	94+00	96+00	98+00	100+00	102+00	104+00	106+00	108+00	110+00	112+00	114+00	116+00	118+00	2690	TOTAL
Exc																
Emb																

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**

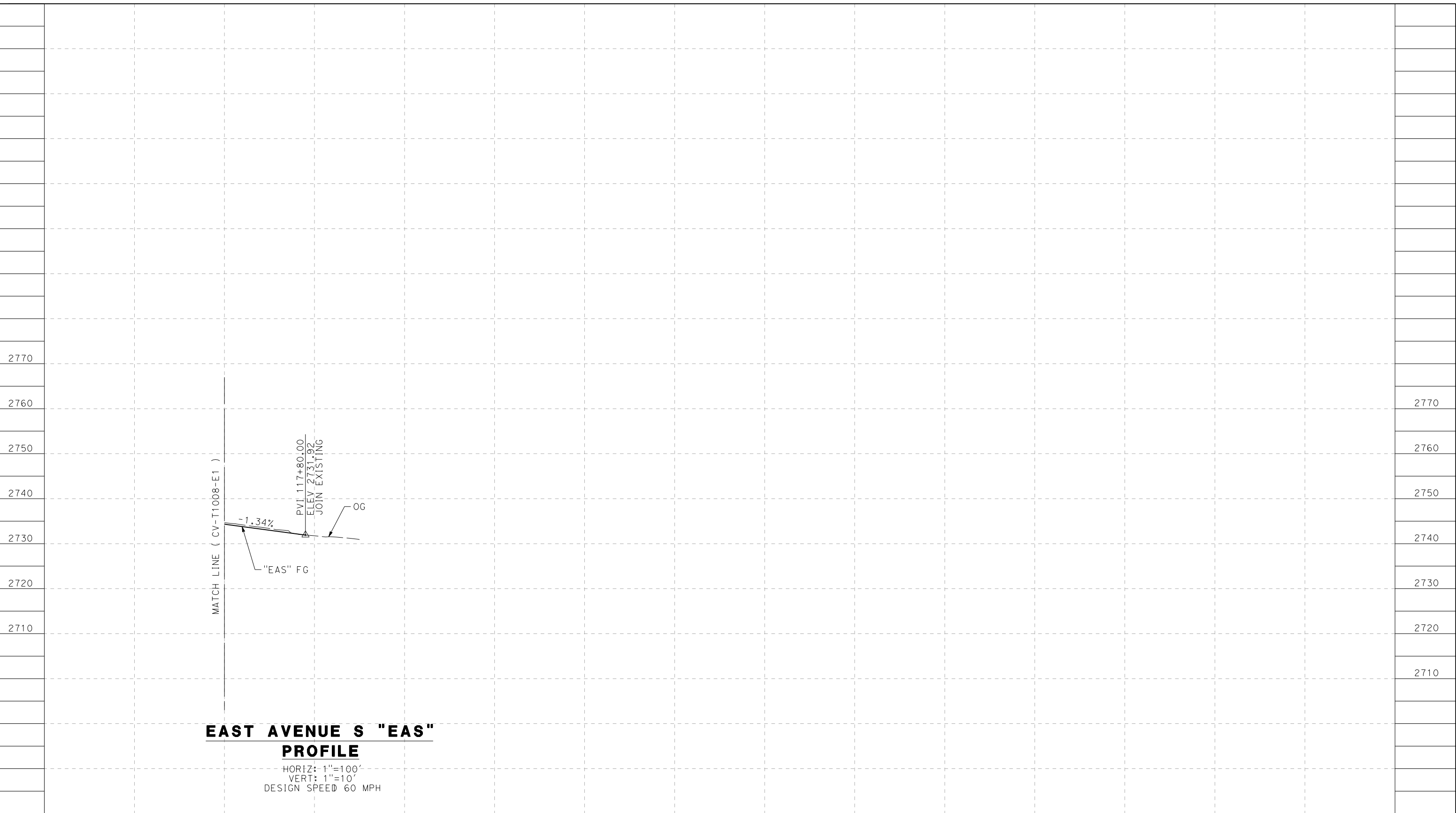


**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PROFILE
EAST AVENUE S
SHEET 2 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T1008-E1
SCALE
AS SHOWN
SHEET NO.

5/24/2021 12:02:52 AM c:\pwworkingdir\sener-us-pw.bentley.com_sener-us-pw-01\dalila.cordoba\dms24259\VPB-CV-T1009-E1.dgn

cordo



**EAST AVENUE S "EAS"
PROFILE**
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 60 MPH

STATION	116+00	118+00	TOTAL
CY	Exc		
	Emb		

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



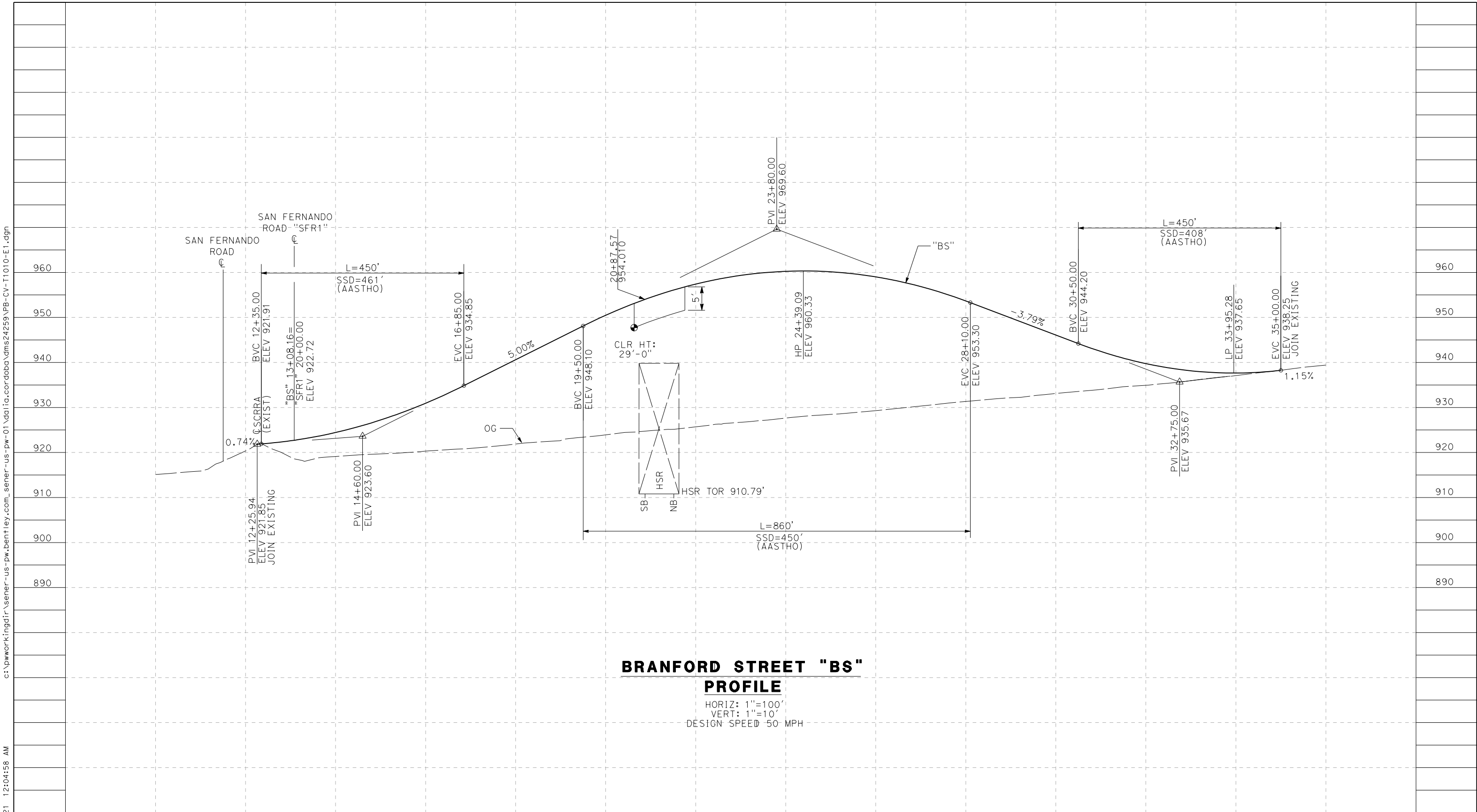
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 GRADE SEPARATION PROFILE
 EAST AVENUE S
 SHEET 3 OF 3

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1009-E1
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

5/24/2021 12:04:58 AM c:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalila.cordoba\dms24259\FB-CV-T1010-E1.dgn

cordo



BRANFORD STREET "BS"
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 50 MPH

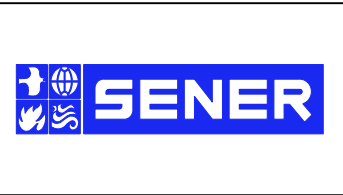
STATION	10+00	12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	30+00	TOTAL
Exc												
Emb												

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



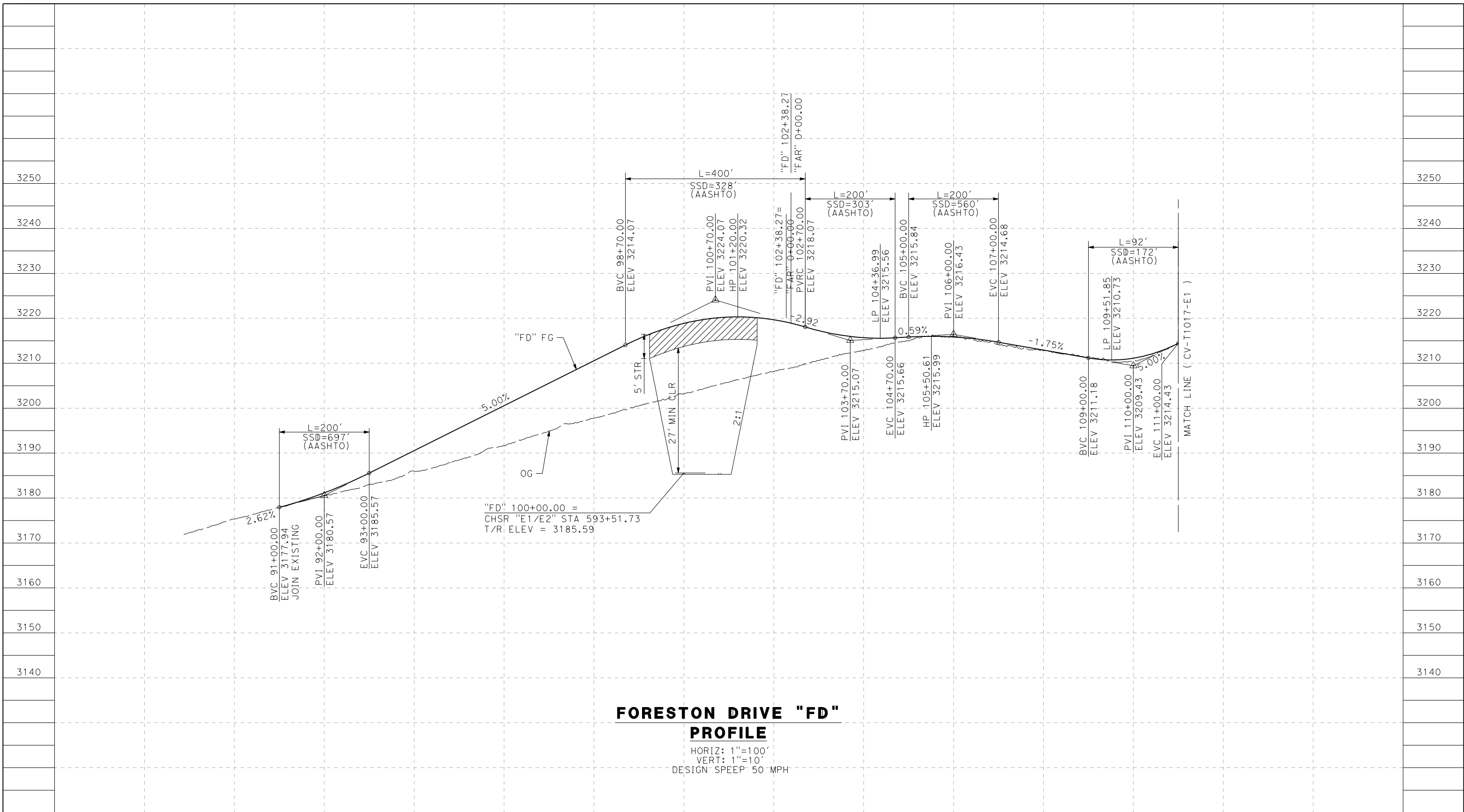
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 GRADE SEPARATION PROFILE
 BRANFORD STREET

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1010-E1
 SCALE
AS SHOWN
 SHEET NO.

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5/24/2021 12:07:05 AM

cordo



**FORESTON DRIVE "FD"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 50 MPH

STATION	88+00	90+00	92+00	94+00	96+00	98+00	100+00	102+00	104+00	106+00	108+00	110+00	112+00	TOTAL
CY	Exc													
	Emb													

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**

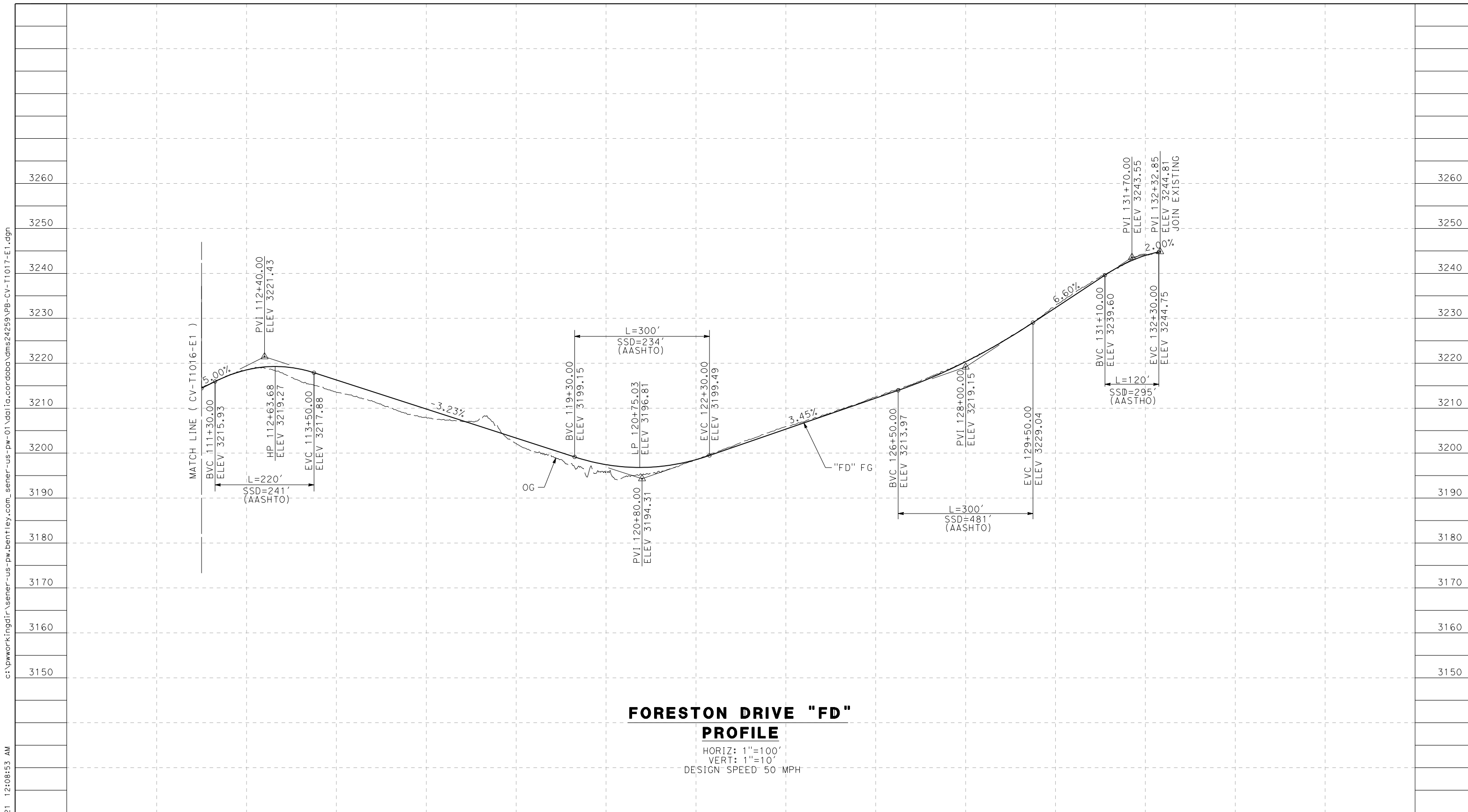


**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PROFILE
FORESTON DRIVE
SHEET 1 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T1016-E1
SCALE
AS SHOWN
SHEET NO.

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cordo



FORESTON DRIVE "FD" PROFILE

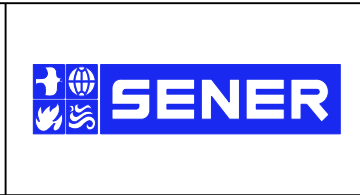
HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 50 MPH

STATION	110+00	112+00	114+00	116+00	118+00	120+00	122+00	124+00	126+00	128+00	130+00	132+00	134+00	TOTAL
CY	Exc													
	Emb													

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02**
**NOT FOR
 CONSTRUCTION**

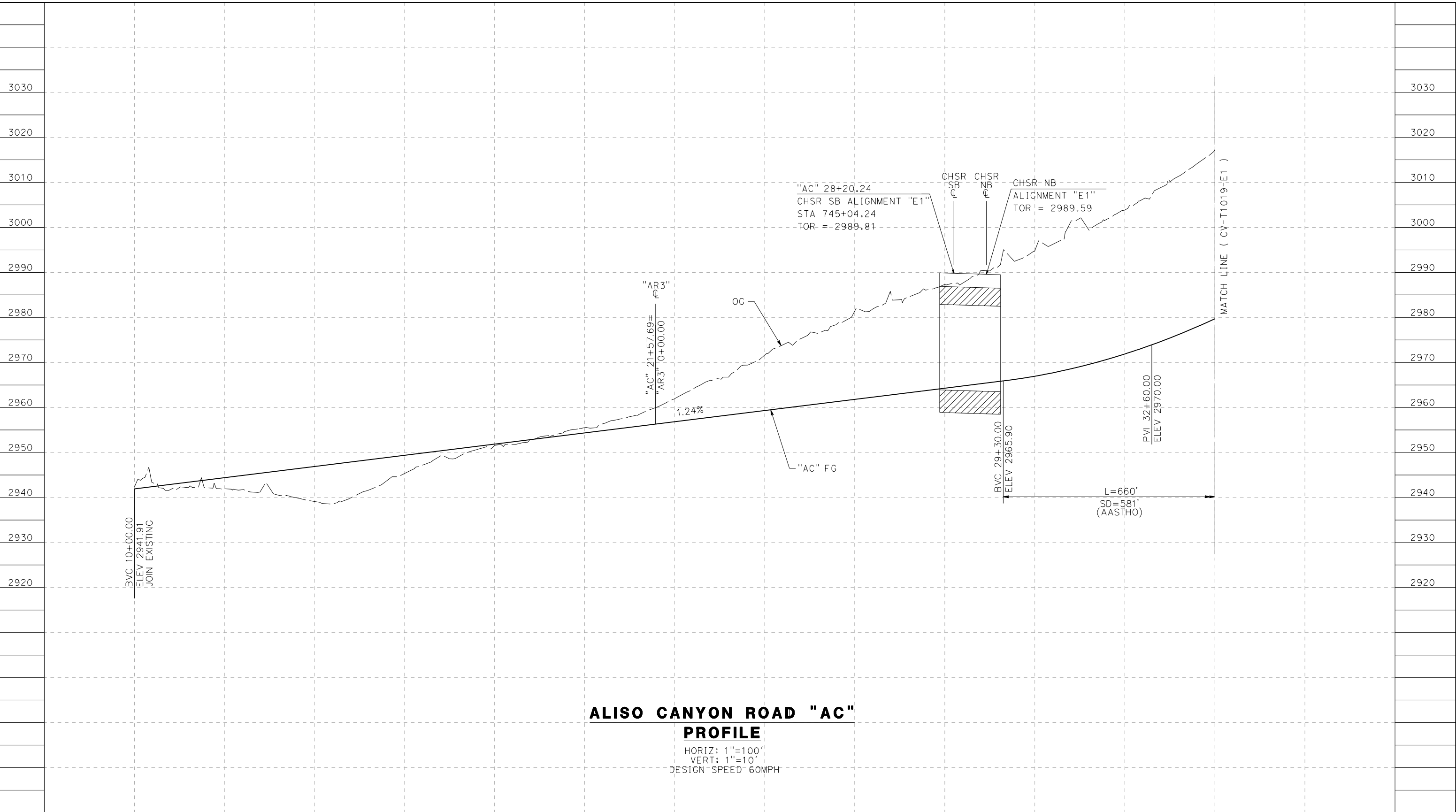


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 GRADE SEPARATION PROFILE
 FORESTON DRIVE
 SHEET 2 OF 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1017-E1
 SCALE
AS SHOWN
 SHEET NO.

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cordo



ALISO CANYON ROAD "AC" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 60MPH

STATION	10+00	12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	30+00	32+00	34+00	TOTAL
CY	Exc													
	Emb													

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



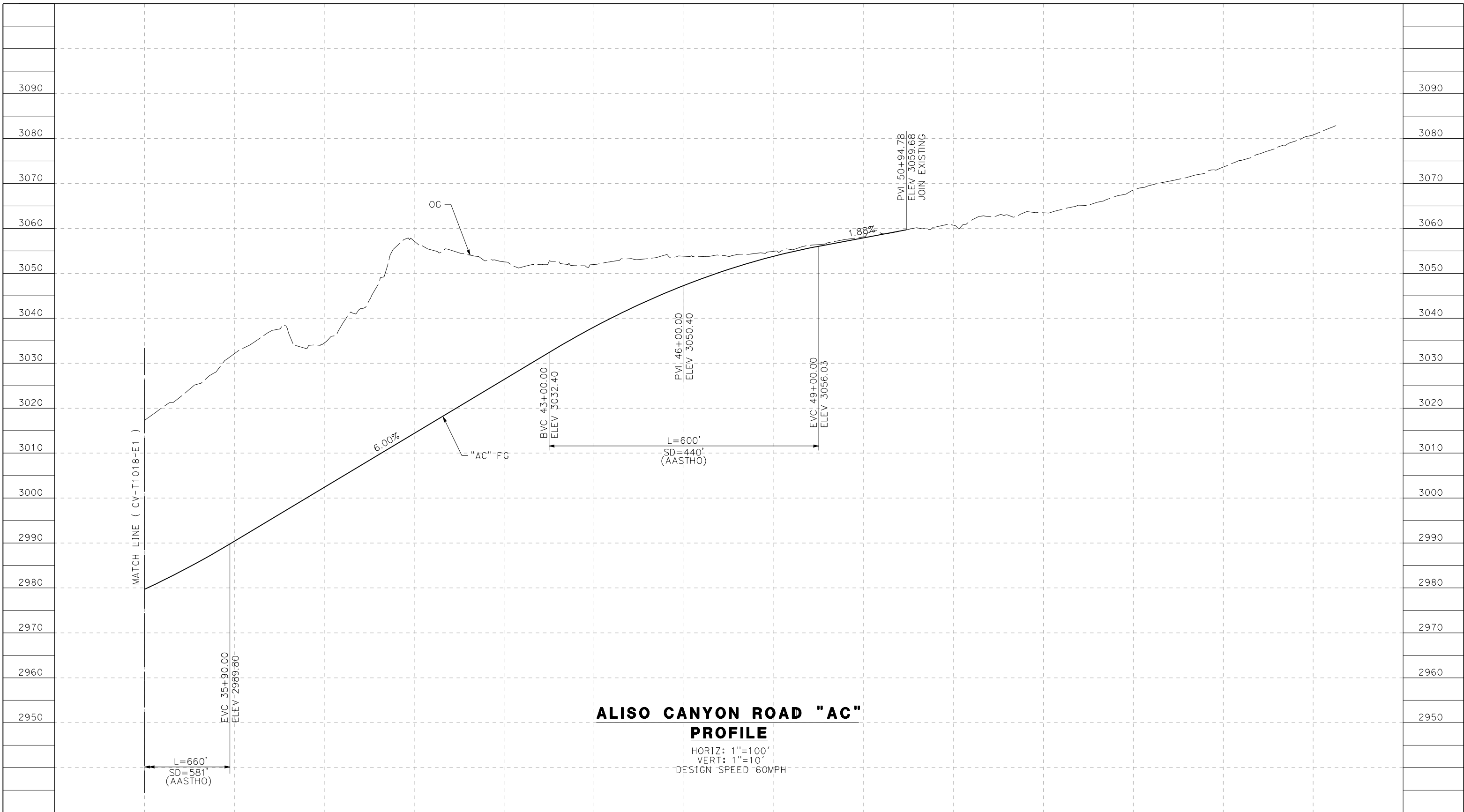
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 GRADE SEPARATION PROFILE
 ALISO CANYON ROAD
 SHEET 1 OF 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1018-E1
 SCALE
AS SHOWN
 SHEET NO.

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5/24/2021 12:12:19 AM

cordo



ALISO CANYON ROAD "AC" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 60MPH

STATION	34+00	36+00	38+00	40+00	42+00	44+00	46+00	48+00	50+00	52+00	54+00	56+00	58+00	60+00	TOTAL
CY	Exc														
	Emb														

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



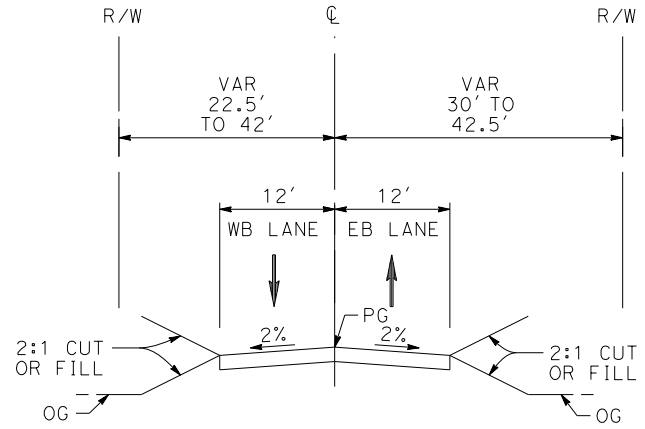
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 GRADE SEPARATION PROFILE
 ALISO CANYON ROAD
 SHEET 2 OF 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1019-E1
 SCALE
AS SHOWN
 SHEET NO.

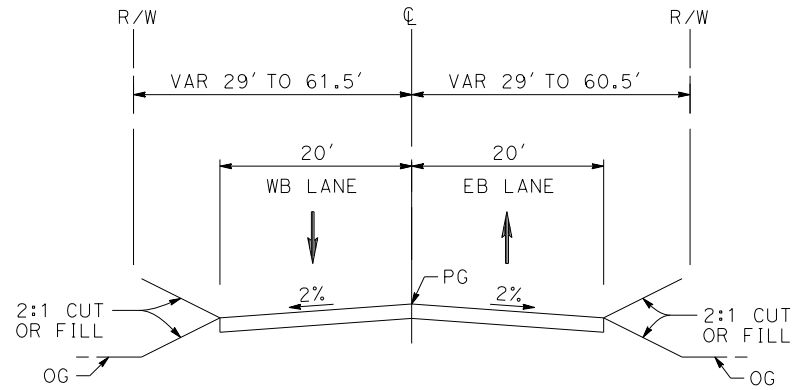
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4/27/2021 12:37:31 PM

cordo



FORESTON DRIVE
 STA 105+64 TO STA 132+32
 LOCAL ROADWAY
 PER LOS ANGELES COUNTY MUNICIPAL CODE
 CHAPTER 21 PARTS 2 AND 3



FORESTON DRIVE
 STA 91+00 TO STA 105+64
 LOCAL ROADWAY
 PER LOS ANGELES COUNTY MUNICIPAL CODE
 CHAPTER 21 PARTS 2 AND 3

REV	DATE	BY	CHK	APP	DESCRIPTION

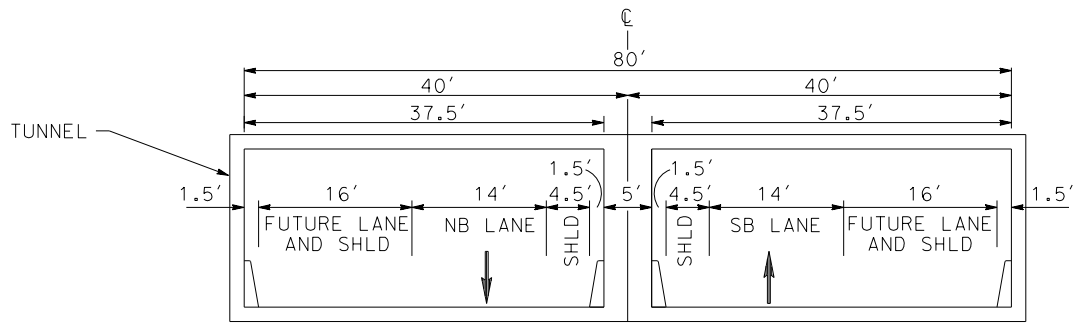
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**

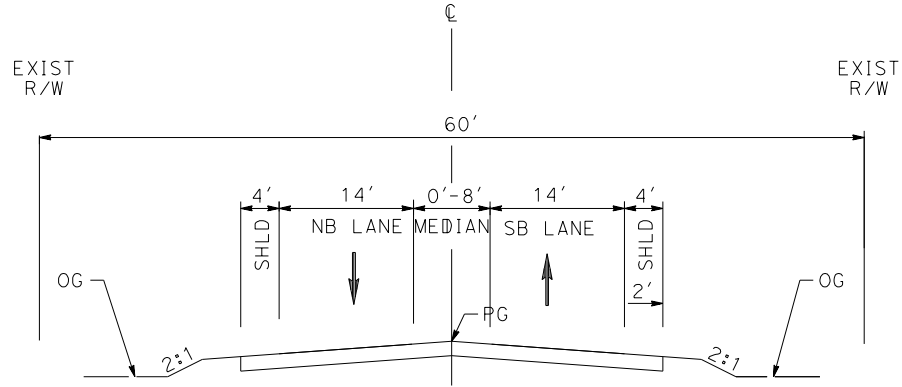


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 FORESTON DRIVE

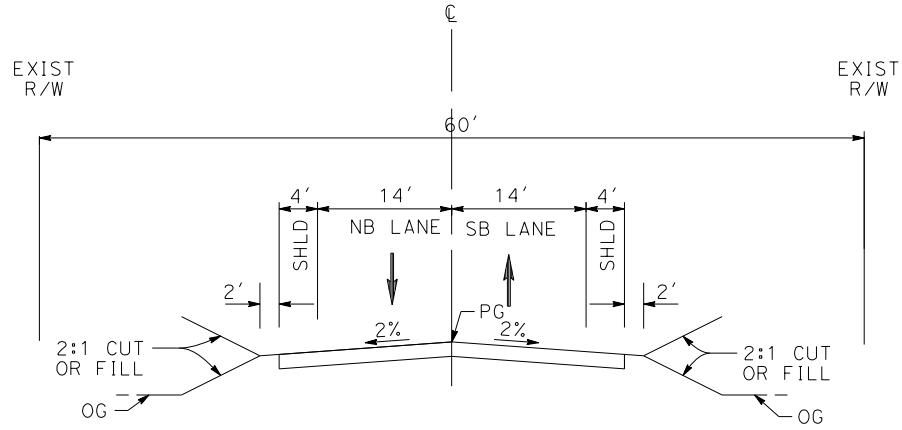
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T3001-E1
 SCALE
NO SCALE
 SHEET NO.



ALISO CANYON ROAD
 STA 25+85 TO STA 27+92
 SECONDARY HIGHWAY
 PER LOS ANGELES COUNTY MASTER PLAN



ALISO CANYON ROAD
 STA 21+00 TO STA 25+85
 AND
 STA 27+92 TO STA 35+41
 SECONDARY HIGHWAY
 PER LOS ANGELES COUNTY MASTER PLAN



ALISO CANYON ROAD
 STA 10+00 TO STA 21+00
 AND
 STA 35+41 TO STA 51+00
 SECONDARY HIGHWAY
 PER LOS ANGELES COUNTY MASTER PLAN

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4/27/2021 12:39:44 PM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



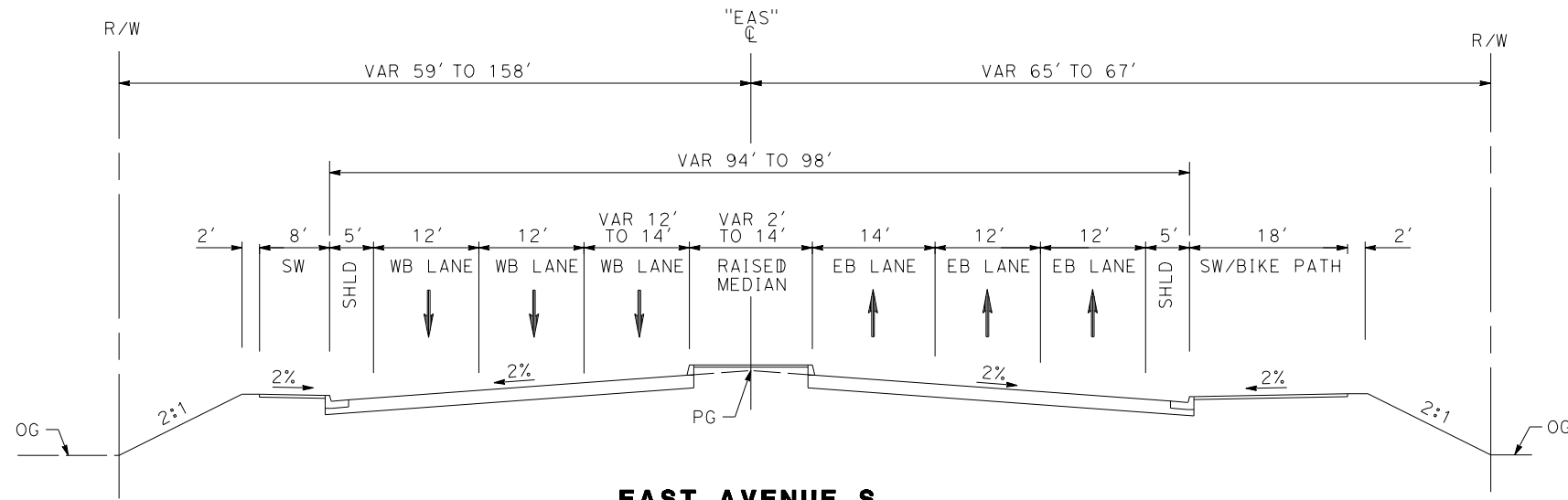
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 ALISO CANYON ROAD

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T3002-E1
 SCALE
NO SCALE
 SHEET NO.

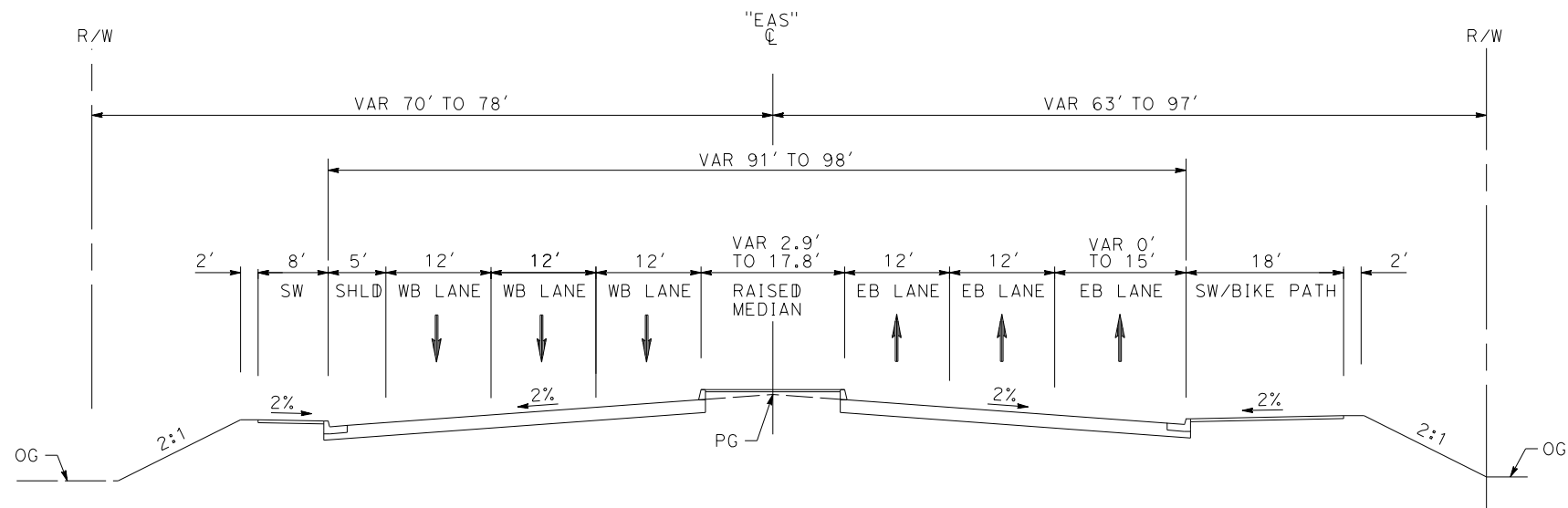
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4/27/2021 12:41:22 PM

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EAST AVENUE S
 STA 90+00 TO STA 100+00
 MAJOR ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



EAST AVENUE S
 STA 83+84 TO STA 90+00
 MAJOR ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION



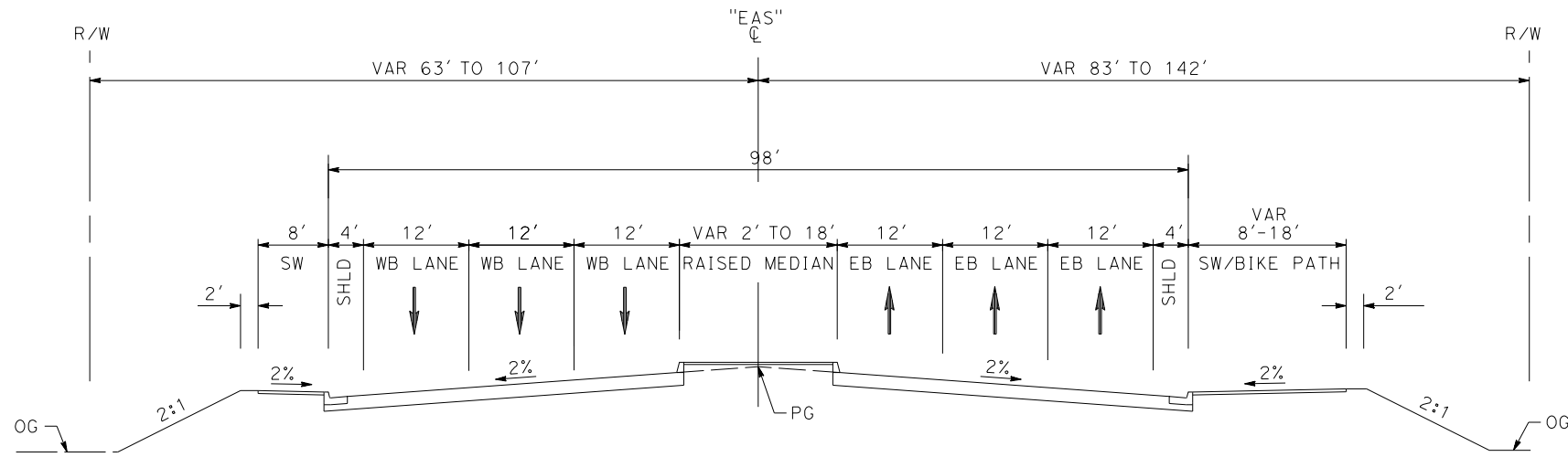
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 EAST AVENUE S
 SHEET 1 OF 2

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-T3003-E1
 SCALE
 NO SCALE
 SHEET NO.

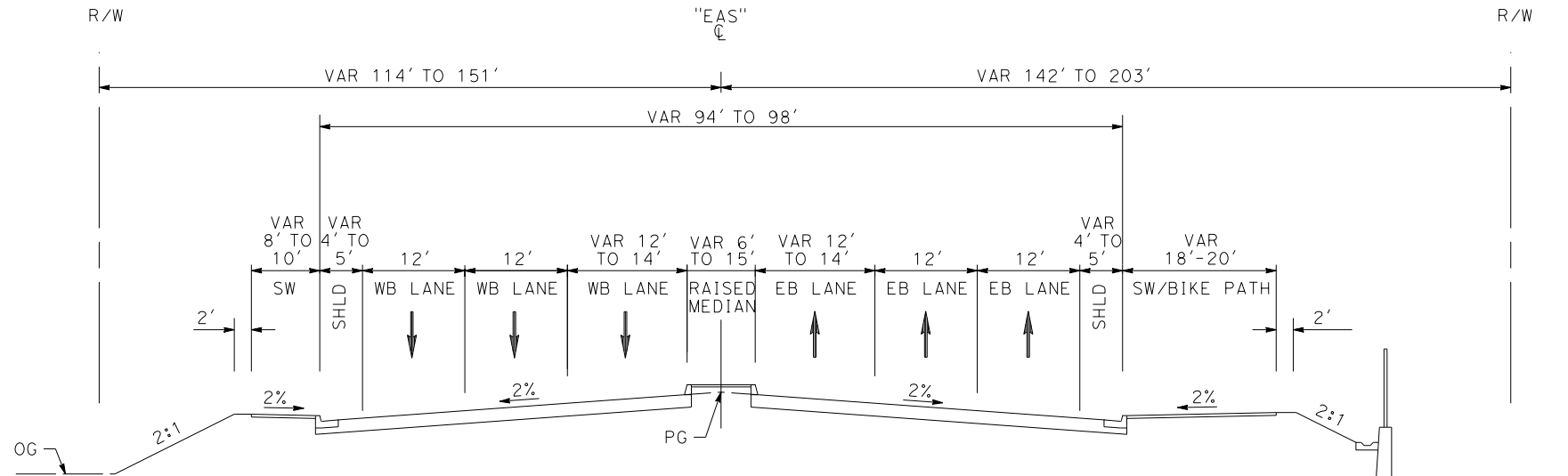
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4/27/2021 12:42:47 PM

cordo



EAST AVENUE S
 STA 109+12 TO STA 117+80
 MAJOR ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



EAST AVENUE S
 STA 104+00 TO STA 109+12
 MAJOR ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
 REV 02
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 EAST AVENUE S
 SHEET 2 OF 2

CONTRACT NO.	HSR14-42
DRAWING NO.	CV-T3004-E1
SCALE	NO SCALE
SHEET NO.	

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5/27/2021 5:22:56 PM

cordo



LINE DATA		
	BEARING	DISTANCE
1	N41°33'09"E	836.04'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**

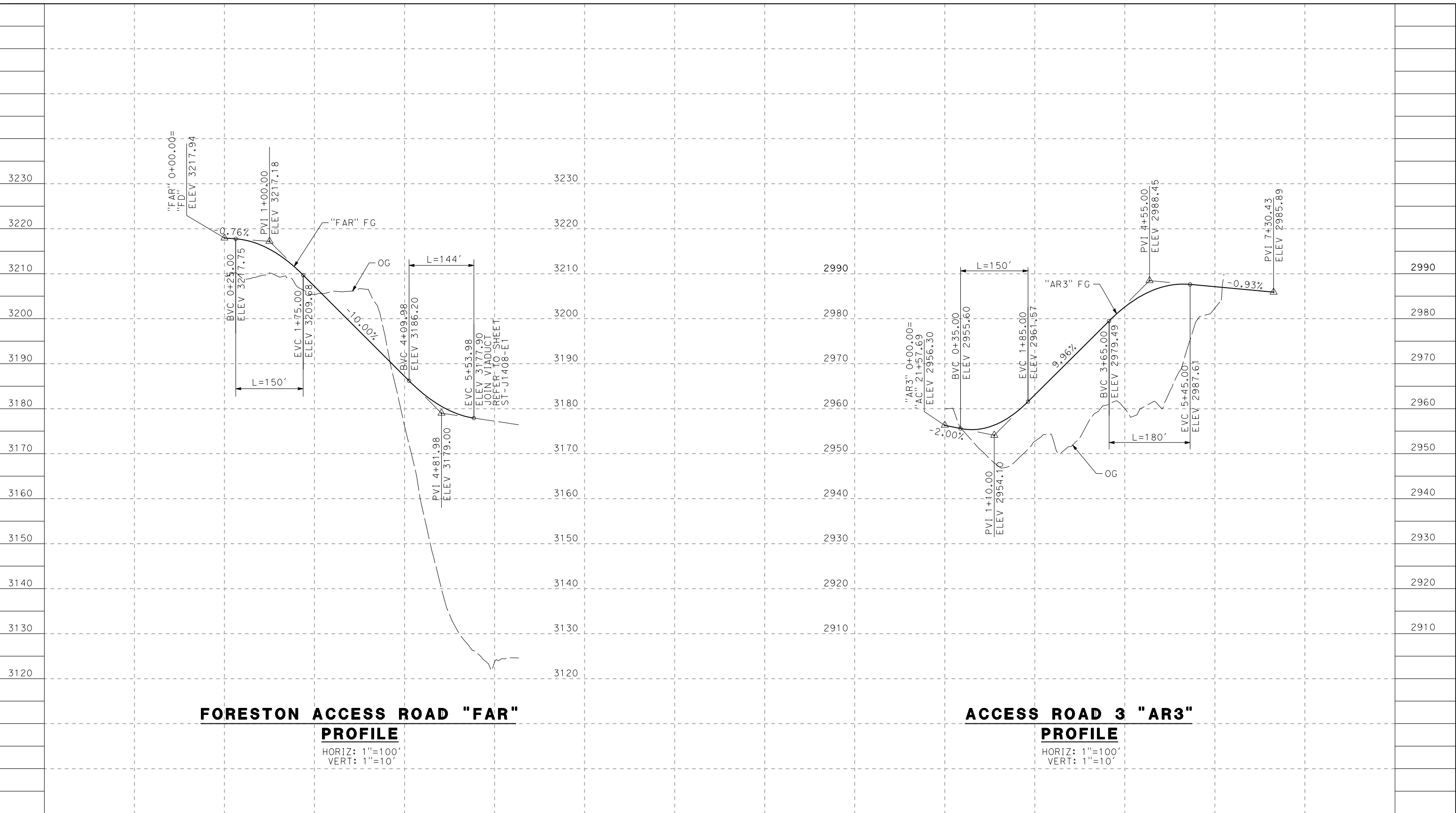


**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ACCESS ROAD PLAN
EAST ADIT ACCESS ROAD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4001-E1
SCALE
AS SHOWN
SHEET NO.

5/10/2021 4:57:33 AM c:\pwworkingdir\sener-us-pw.bentley.com_sener-us-pw-01\dalila.cordoba\dms24259\FB-CV-Y1001-E1.dgn

cordo



FORESTON ACCESS ROAD "FAR" PROFILE

HORIZ: 1"=100'
VERT: 1"=10'

ACCESS ROAD 3 "AR3" PROFILE

HORIZ: 1"=100'
VERT: 1"=10'

STATION	0+00	2+00	4+00	6+00		0+00	2+00	4+00	6+00	TOTAL
CY	Exc									
	Emb									

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ACCESS ROAD PROFILE
FORESTON ACCESS ROAD AND ACCESS ROAD 3 - PORTAL 3

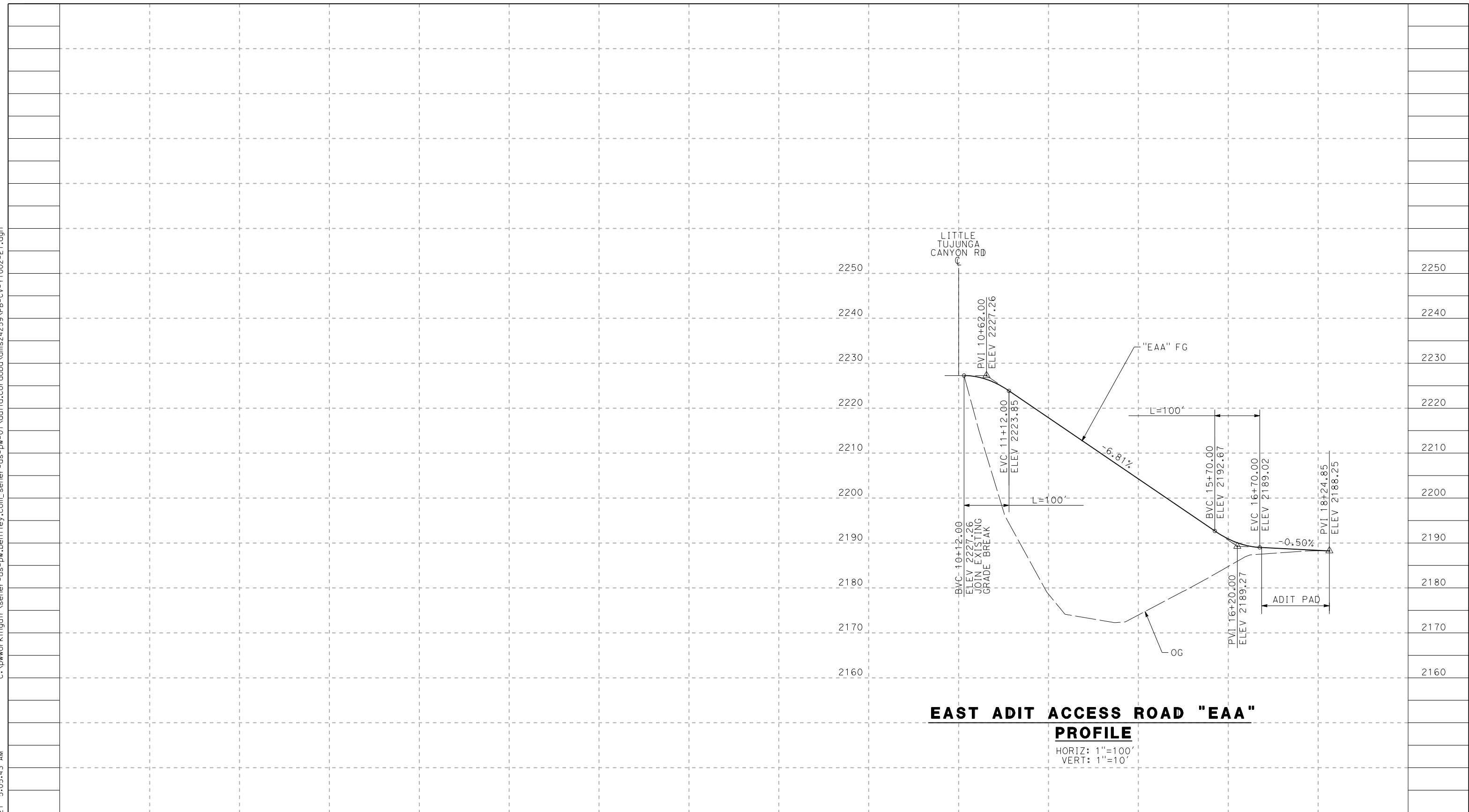
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1001-E1
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/10/2021 5:05:43 AM

cordo



**EAST ADIT ACCESS ROAD "EAA"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'

STATION	14+00	16+00	18+00	20+00	22+00	10+00	12+00	14+00	16+00	18+00	TOTAL
CY	Exc										
	Emb										

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



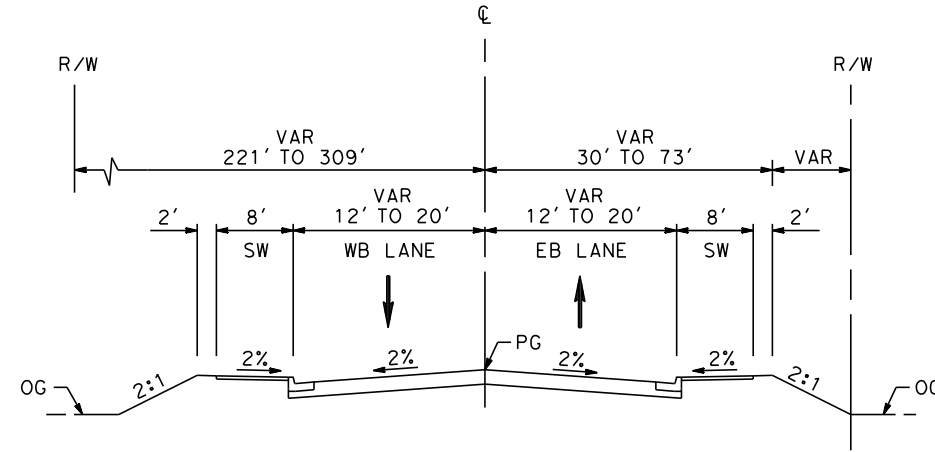
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ACCESS ROAD PROFILE
EAST ADIT ACCESS ROAD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1002-E1
SCALE
AS SHOWN
SHEET NO.

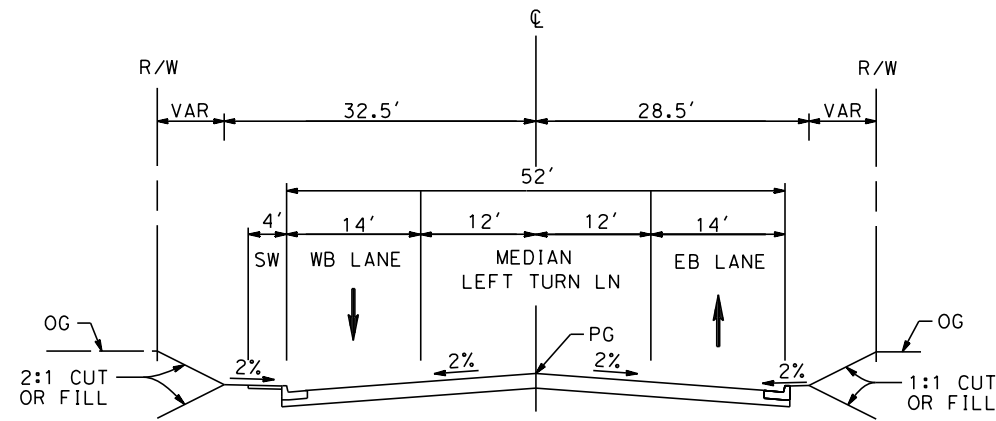
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7/22/2021 12:39:29 AM

cordo



VALLEY FORGE
 STA 10+34 TO 15+34
 RESIDENTIAL STREET (E)
 PER CITY OF PALMDALE GENERAL PLAN

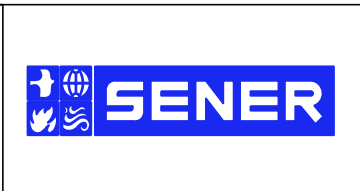


EAST AVENUE R11
 STA 10+00 TO STA 18+73
 LOCAL INTERIOR STREET
 PER CITY OF PALMDALE GENERAL PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02**
**NOT FOR
 CONSTRUCTION**



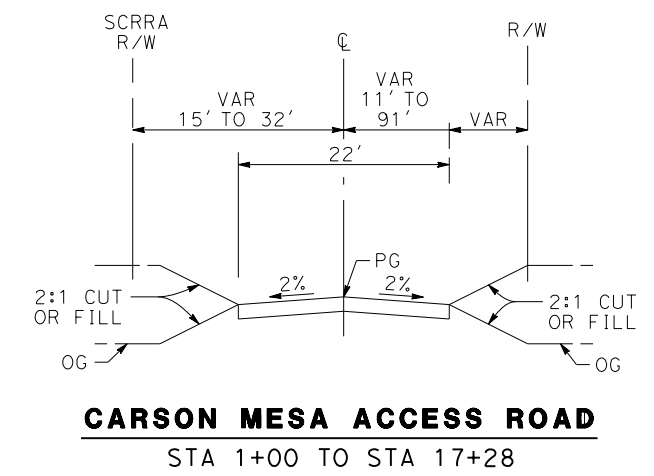
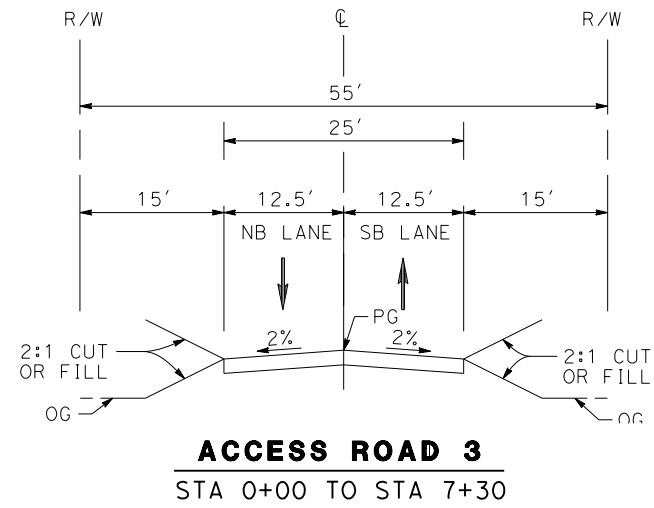
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 VALLEY FORGE AND EAST AVE R11

CONTRACT NO. HSR14-42
DRAWING NO. CV-Y3001-E1
SCALE NO SCALE
SHEET NO.

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4/27/2021 1:00:27 PM

cordo



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA

DRAWN BY
A. SANZ

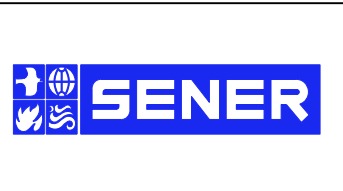
CHECKED BY
W. GUO

IN CHARGE
A. RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
TYPICAL SECTIONS
CARSON MESA ACCESS ROAD AND ACCESS ROAD 3

CONTRACT NO.
HSR14-42

DRAWING NO.
CV-Y3002-E1

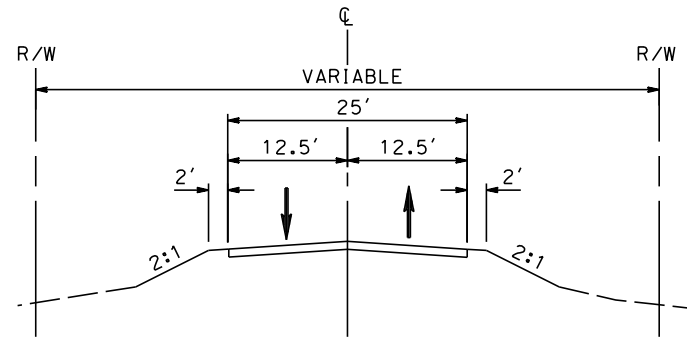
SCALE
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SHEET NO.

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7/22/2021 12:41:29 AM

cordo



EAST ADIT ACCESS ROAD
STA 10+00 TO STA 18+25

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



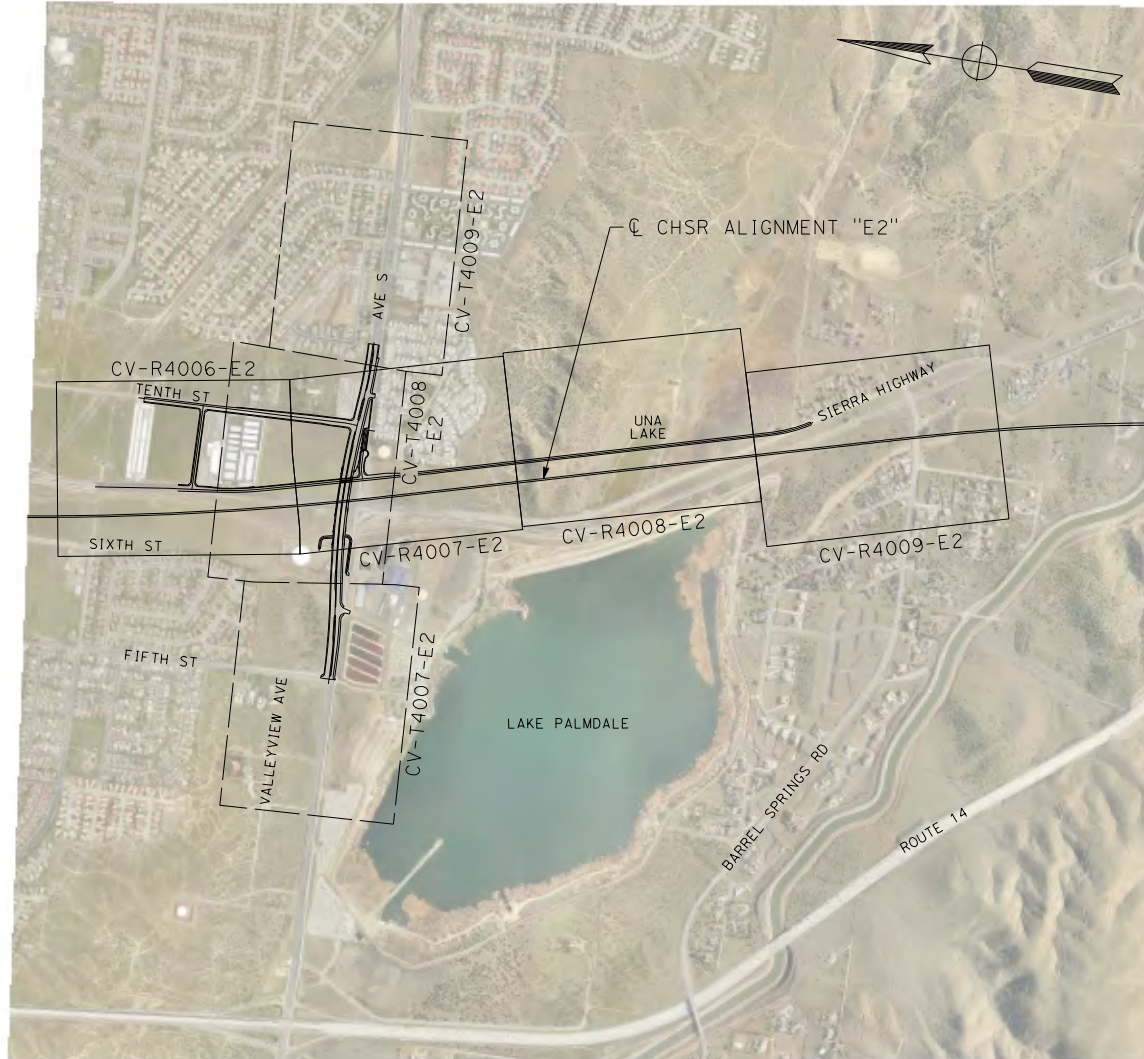
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
TYPICAL SECTIONS
EAST ADIT ACCESS ROAD

CONTRACT NO. HSR14-42
DRAWING NO. CV-Y3003-E1
SCALE NO SCALE
SHEET NO.

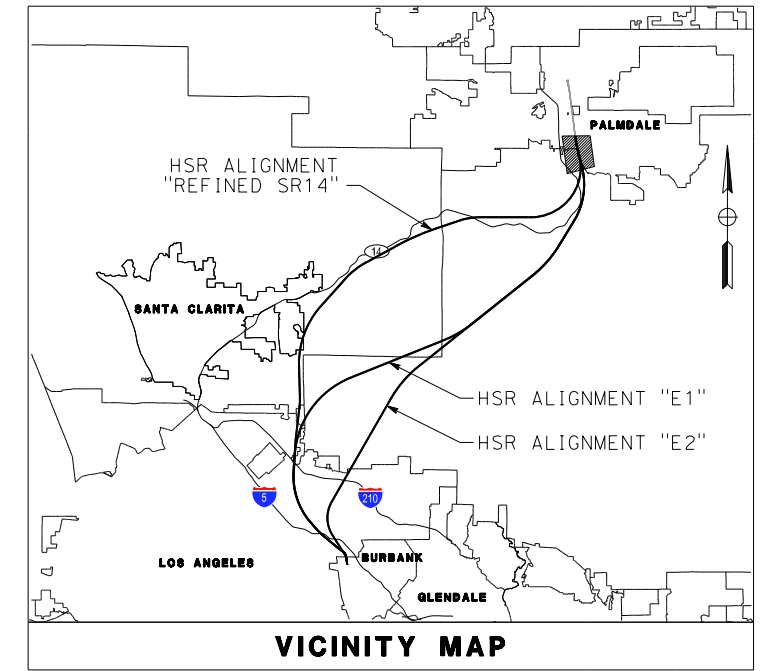
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5/24/2021 12:37:04 AM


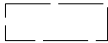
cordo



E2



LEGEND:

-  ROADWAY PLAN AND ACCESS ROAD PLAN
-  GRADE SEPARATION PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



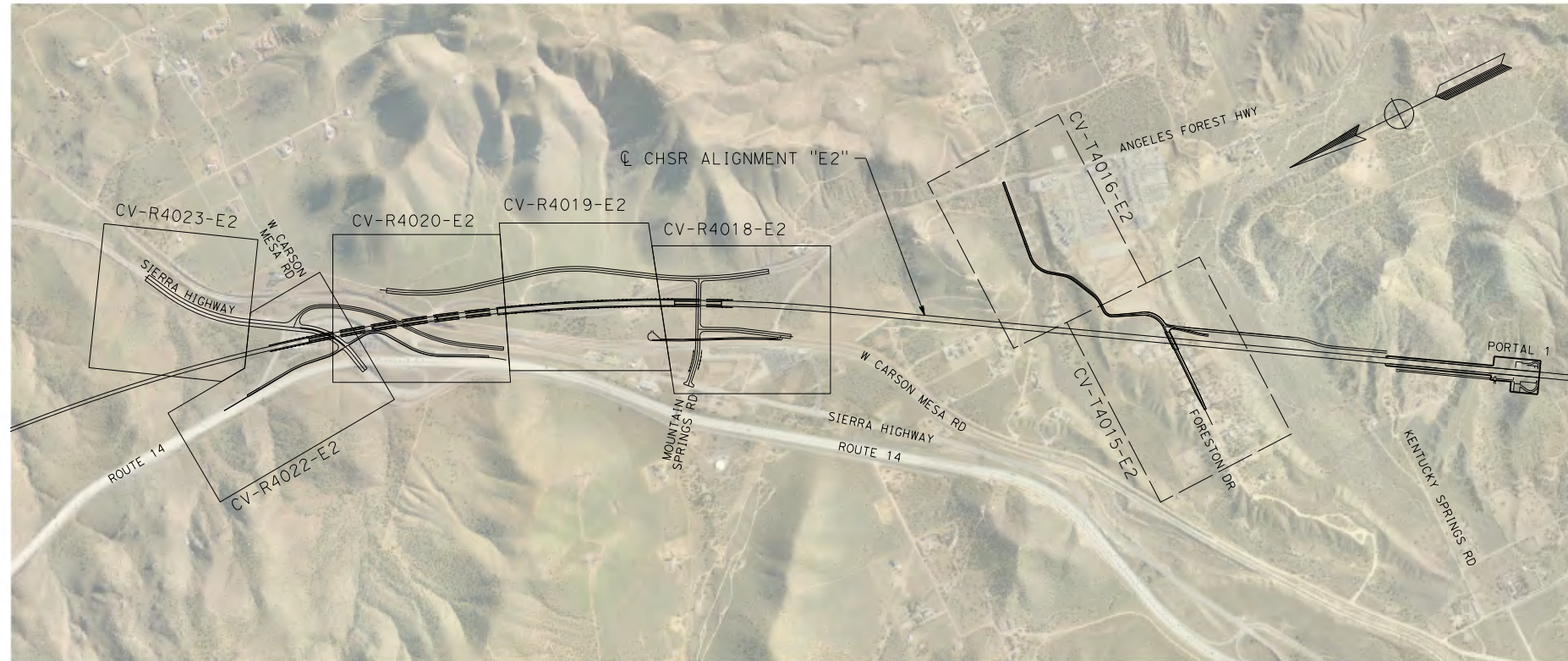
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY AND GRADE SEPARATION PLAN
KEY MAP
SHEET 1 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0001-E2
SCALE
AS SHOWN
SHEET NO.

ct:\pwworkingdir\sener-us-pw\bentley.com_sener-us-pw\01\dalila.cordoba\dms24260\FB-CV-B0002-E2.dgn

5/24/2021 12:39:49 AM

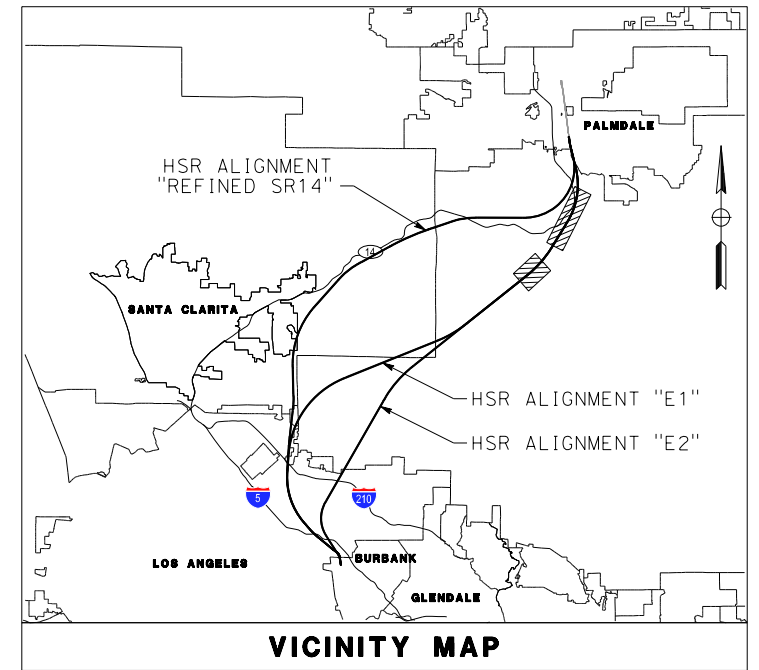
cordo



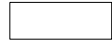

E2



E2



LEGEND:

-  ROADWAY PLAN AND ACCESS ROAD PLAN
-  GRADE SEPARATION PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY AND GRADE SEPARATION PLAN
KEY MAP
SHEET 2 OF 3



CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0002-E2
SCALE
AS SHOWN
SHEET NO.

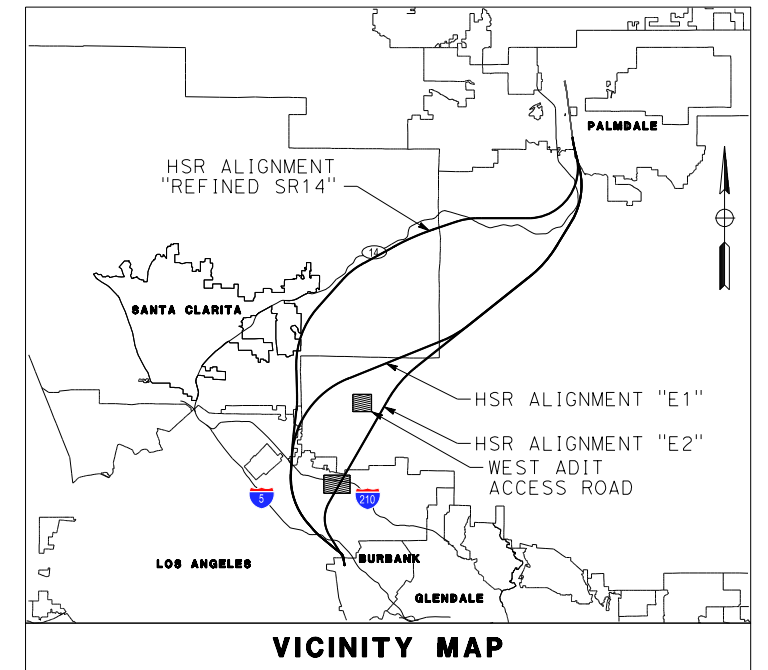


E2

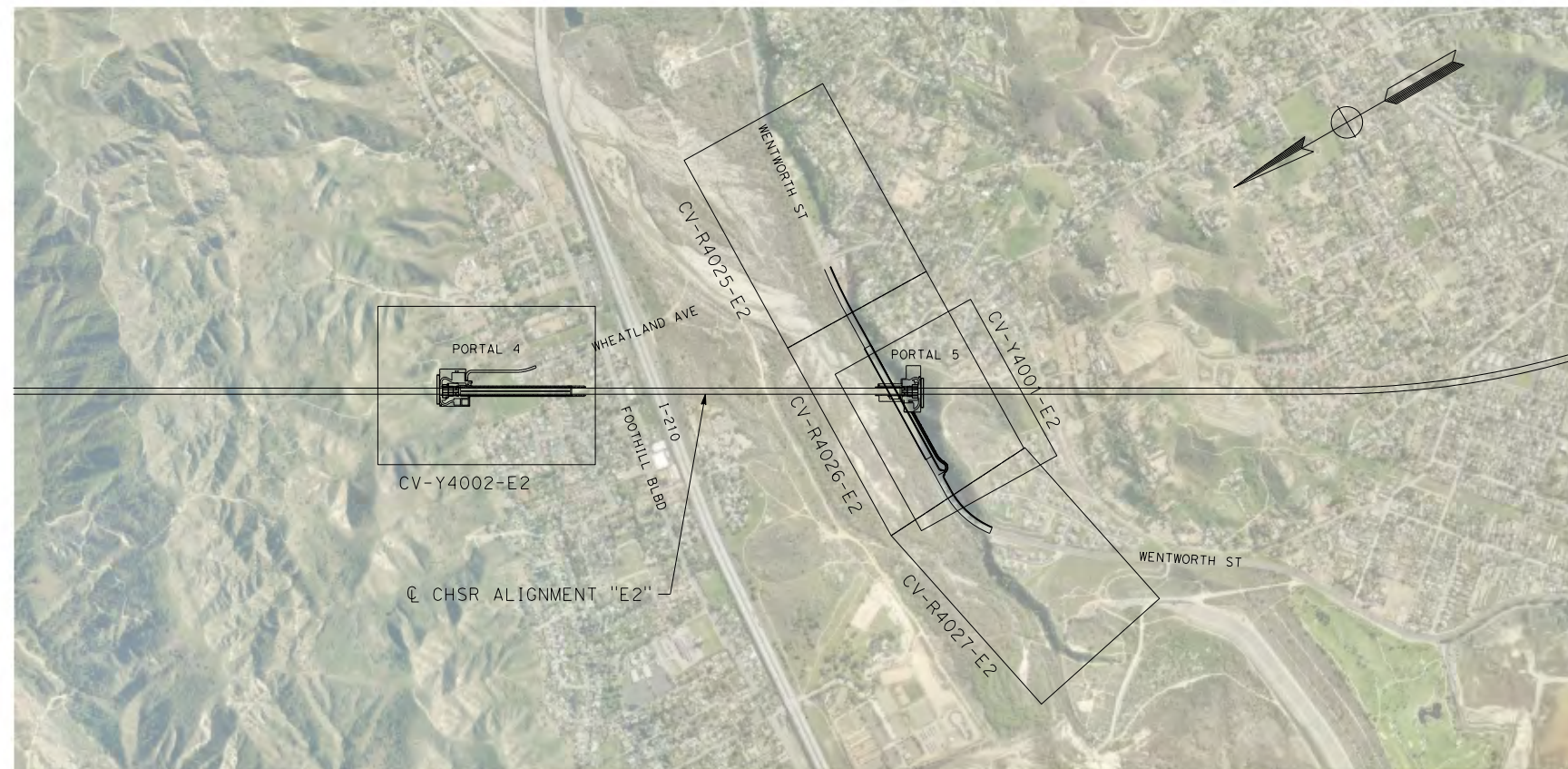
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LEGEND:

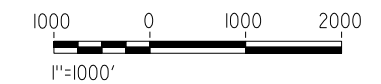
-  ROADWAY PLAN AND ACCESS ROAD PLAN
-  GRADE SEPARATION PLAN



VICINITY MAP



E2



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5/24/2021 12:44:31 AM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



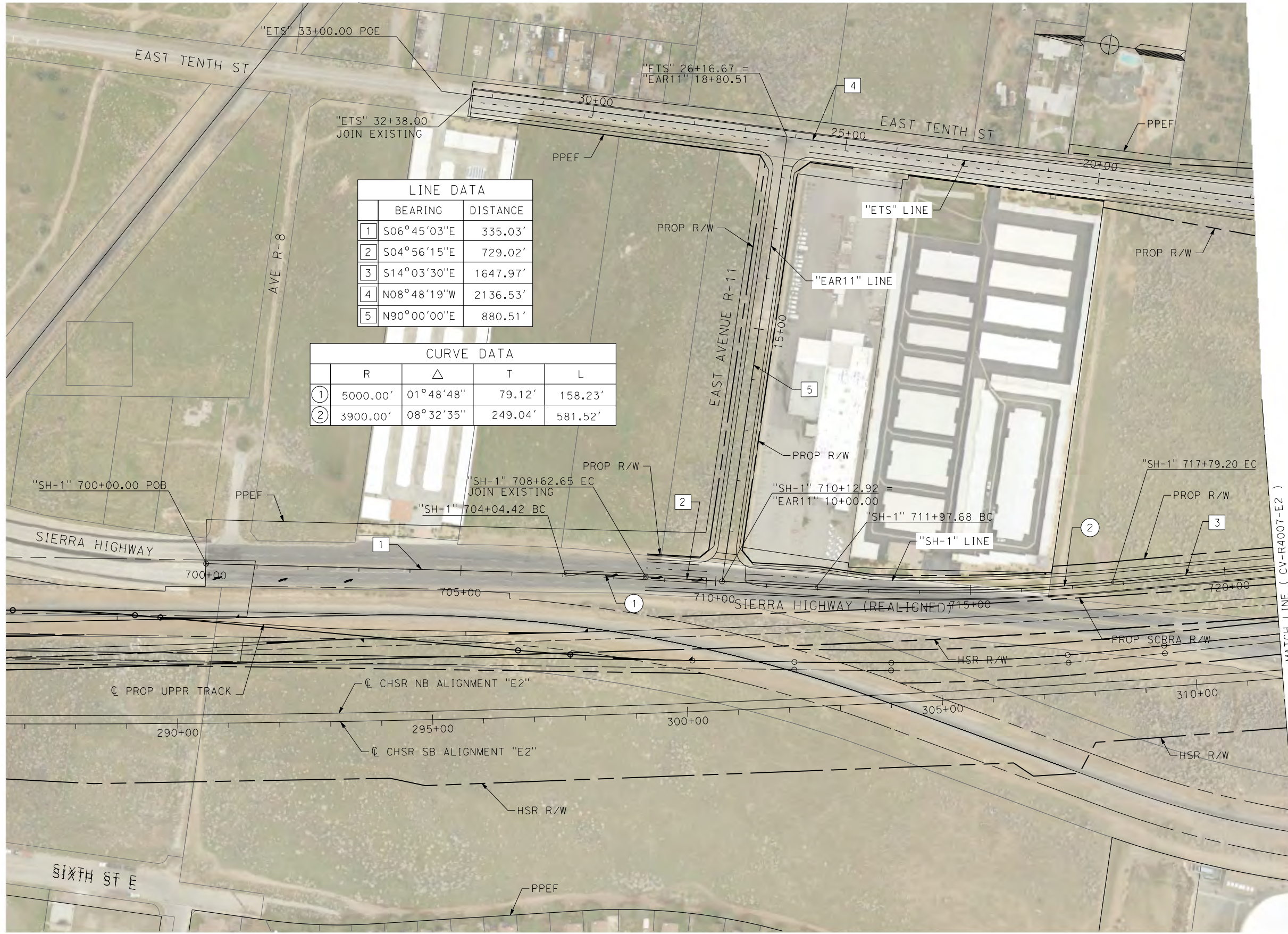
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY AND GRADE SEPARATION PLAN
KEY MAP
SHEET 3 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0003-E2
SCALE
AS SHOWN
SHEET NO.

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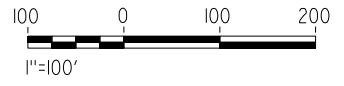
5/12/2021 7:33:29 PM

cordo



LINE DATA		
	BEARING	DISTANCE
1	S06°45'03"E	335.03'
2	S04°56'15"E	729.02'
3	S14°03'30"E	1647.97'
4	N08°48'19"W	2136.53'
5	N90°00'00"E	880.51'

CURVE DATA				
	R	Δ	T	L
①	5000.00'	01°48'48"	79.12'	158.23'
②	3900.00'	08°32'35"	249.04'	581.52'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



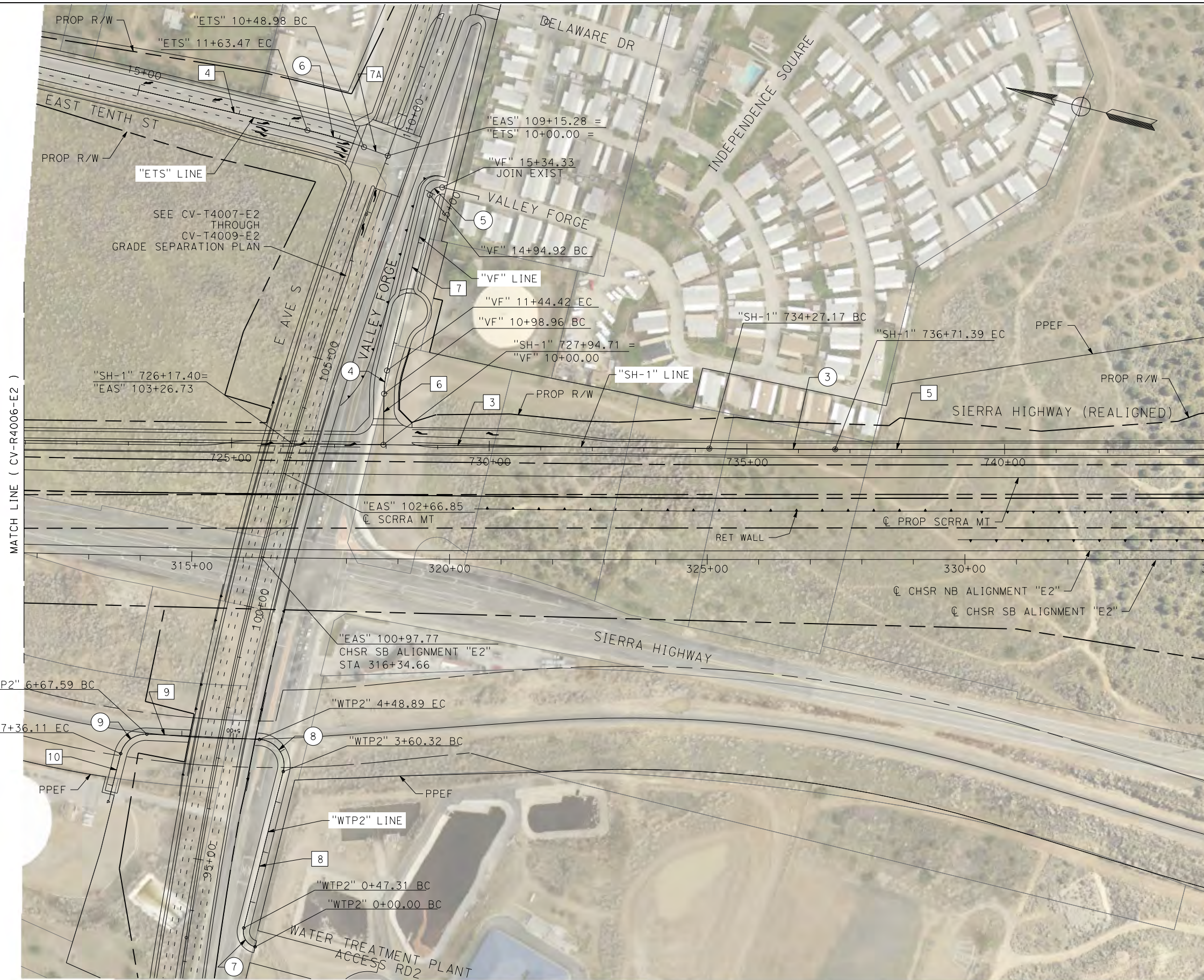
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1"
SHEET 1 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4006-E2
SCALE
AS SHOWN
SHEET NO.

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5/27/2021 7:43:43 AM

cordo



LINE DATA		
	BEARING	DISTANCE
3	S13°28'51"E	1647.97'
4	N0°48'19"W	2136.53'
5	S14°10'49"E	3404.81'
6	N76°31'09"E	98.96'
7	N89°32'35"E	350.5'
7A	N05°45'15"E	48.98'
8	S90°00'00"E	313.01'
9	N11°29'20"W	218.71'
10	N90°00'00"W	81.31'

CURVE DATA				
	R	Δ	T	L
3	2000.00'	00°41'59"	122.11'	244.21'
4	200.00'	13°01'26"	22.83'	45.46'
5	20.00'	90°00'00"	20.00'	31.42'
6	1000.00'	06°33'34"	57.30'	114.48'
7	30.00'	90°21'40"	30.19'	47.13'
8	50.00'	01°29'20"	61.18'	88.56'
9	50.00'	78°30'39"	40.86'	114.48'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



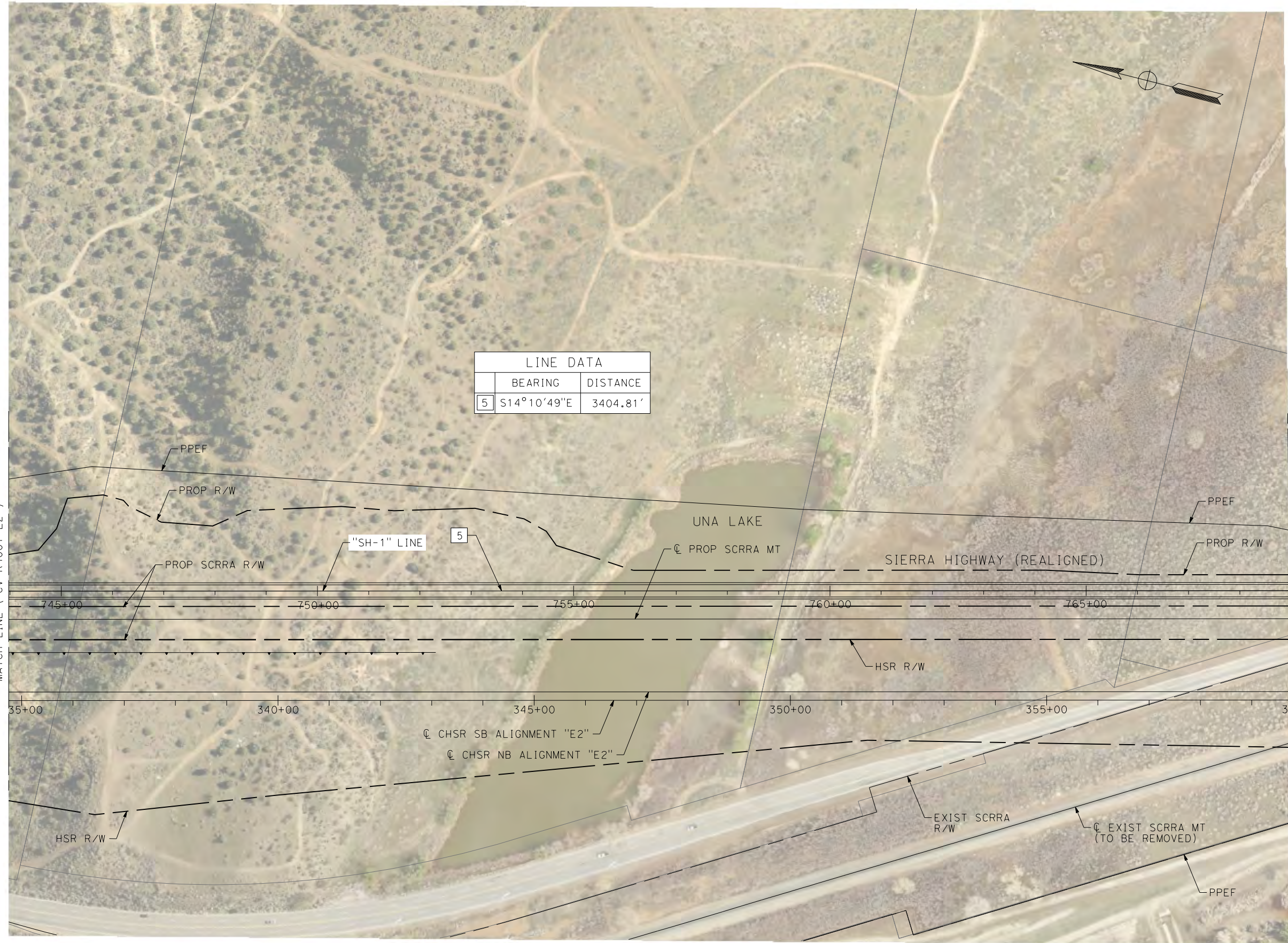
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1" AND WATER TREATMENT PLANT
ACCESS RD2 - SHEET 2 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4007-E2
SCALE
AS SHOWN
SHEET NO.

cs:\pwork\kingdir\sener-us-pw.bentley.com_sener-us-pw-01\dalia.cordoba\dms24260\PB-CV-R4008-E2.dgn

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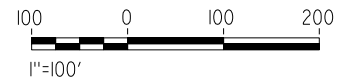
cordo



LINE DATA	
BEARING	DISTANCE
5 S14°10'49"E	3404.81'

MATCH LINE (CV-R4007-E2)

MATCH LINE (CV-R4009-E2)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



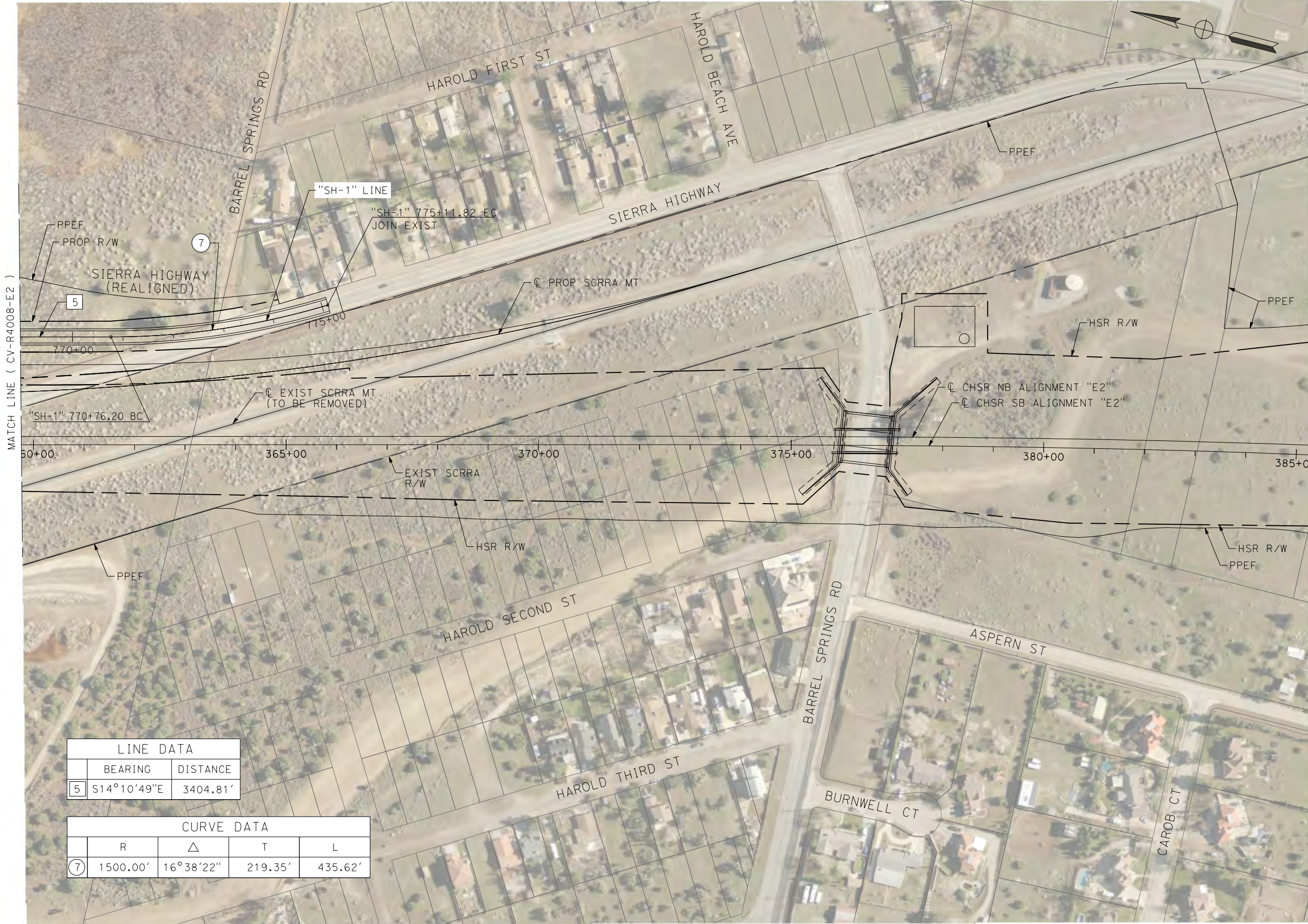
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1"
SHEET 3 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4008-E2
SCALE
AS SHOWN
SHEET NO.

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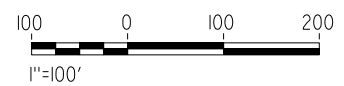
5/27/2021 6:30:47 AM

cordo



LINE DATA	
BEARING	DISTANCE
5 S14°10'49"E	3404.81'

CURVE DATA			
R	Δ	T	L
7 1500.00'	16°38'22"	219.35'	435.62'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



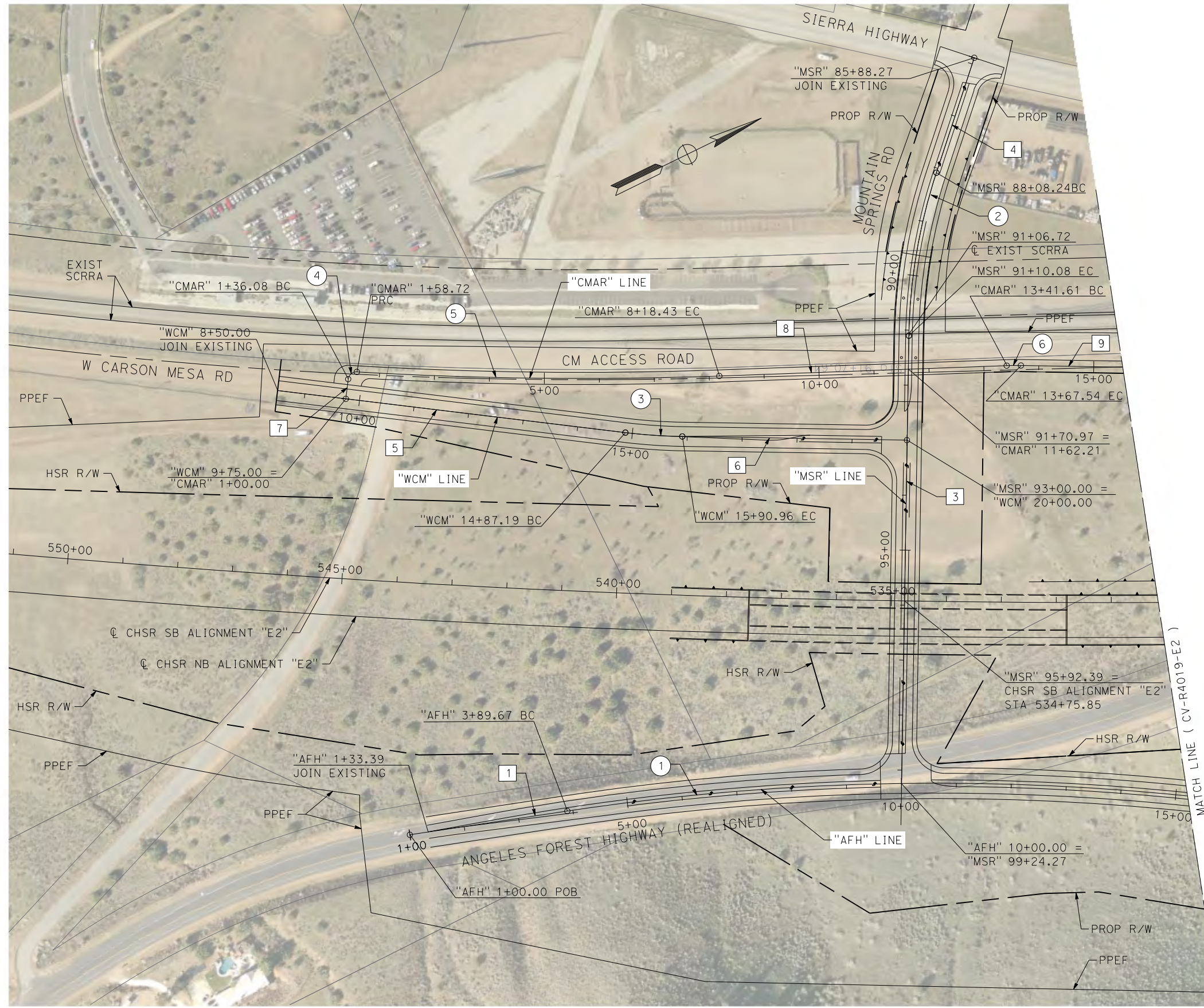
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1"
SHEET 4 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4009-E2
SCALE
AS SHOWN
SHEET NO.

ct:\pwworkingdir\sener-us-pw.bentley.com_sener-us-pw-01\dalila.cordoba\dms24260\FB-CV-R4018-E2.dgn

5/25/2021 8:31:09 PM

cordo



LINE DATA		
	BEARING	DISTANCE
1	N17°29'36"E	256.29'
3	S62°58'16"E	814.19'
4	S45°40'37"E	219.97'
5	N32°58'29"E	664.55'
6	N27°01'44"E	409.04'
7	N57°01'31"W	36.08'
8	N24°02'23"E	523.18'
9	N27°01'44"E	360.52'

CURVE DATA				
	R	Δ	T	L
①	4500.00'	15°15'24"	602.75'	1198.37'
②	1000.00'	17°17'39"	152.08'	301.84'
③	1000.00'	05°56'46"	51.94'	103.78'
④	15.00'	86°27'45"	14.10'	22.64'
⑤	7003.00'	05°23'51"	330.10'	659.71'
⑥	497.00'	2°59'20"	12.97'	25.93'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



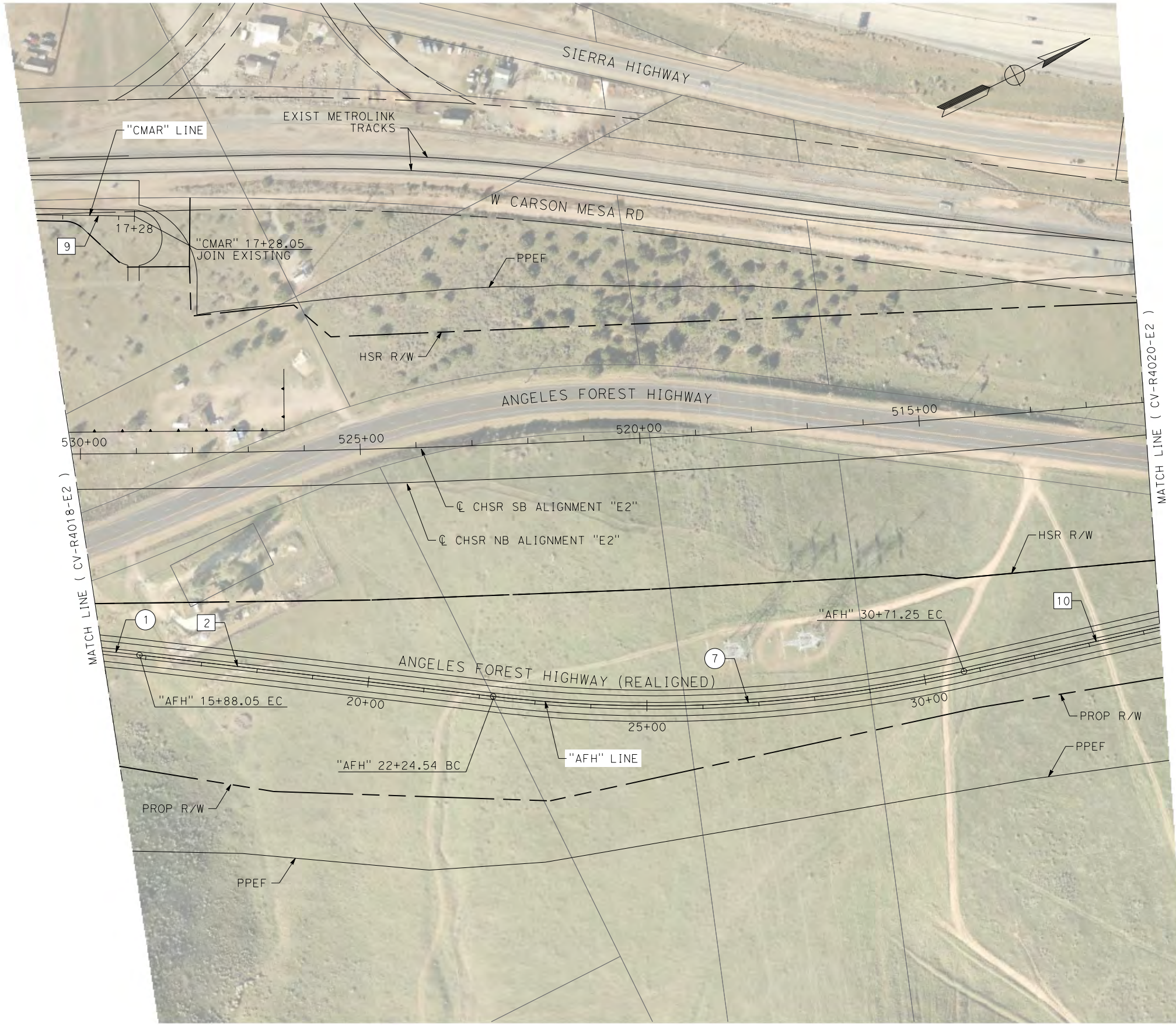
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
ANGELES FOREST HIGHWAY, W CARSON MESA ROAD
AND MOUNTAIN SPRINGS ROAD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4018-E2
SCALE
AS SHOWN
SHEET NO.

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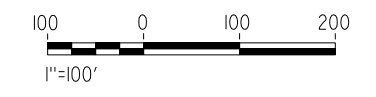
5/12/2021 8:02:32 PM

cordo



LINE DATA		
	BEARING	DISTANCE
2	N32°45'05"E	636.49'
9	N27°01'44"E	360.52'
10	N13°20'47"E	731.75'

CURVE DATA				
	R	Δ	T	L
1	4500.00'	15°15'29"	602.75'	1198.37"
7	2500.00'	19°24'18"	427.45'	846.71'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



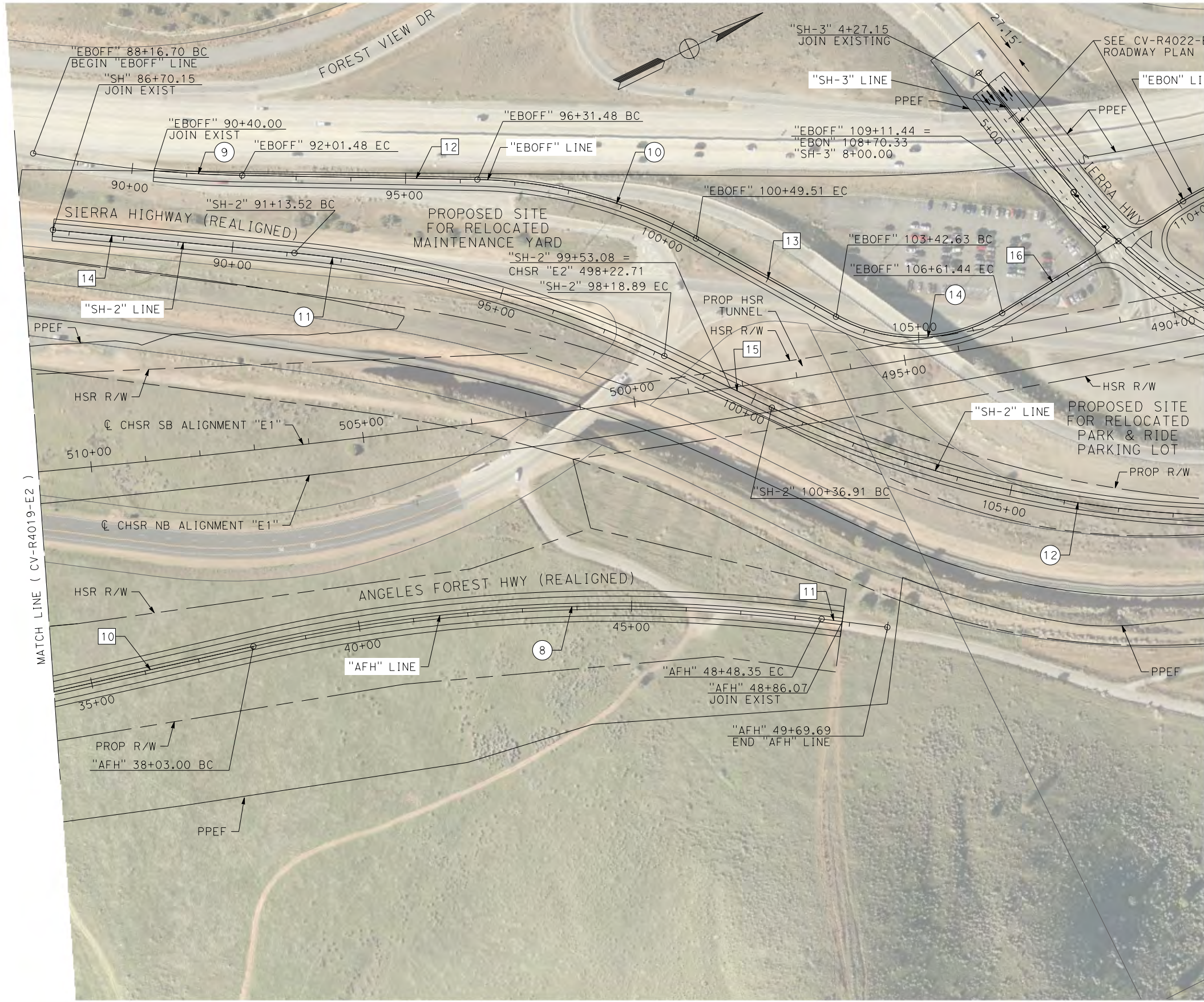
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
ANGELES FOREST HIGHWAY

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4019-E2
SCALE
AS SHOWN
SHEET NO.

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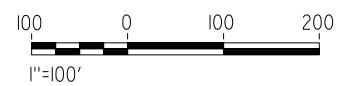
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cordo



LINE DATA		
	BEARING	DISTANCE
10	N13°20'47"E	731.75'
11	S33°18'40"E	121.14'
12	N27°05'44"E	430.00'
13	N55°16'24"E	293.12'
14	N31°32'53"E	443.36'
15	N51°45'19"E	218.02'
16	N05°36'55"W	250.00'

CURVE DATA				
	R	Δ	T	L
8	3000.00'	19°57'53"	528.03'	1045.35'
9	2200.00'	10°01'16"	192.88'	384.78'
10	850.00'	28°10'40"	213.33'	418.03'
11	2000.00'	20°12'27"	356.39'	705.37'
12	2000.00'	29°08'56"	520.01'	1017.49'
14	300.00'	60°53'19"	176.32'	318.81'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



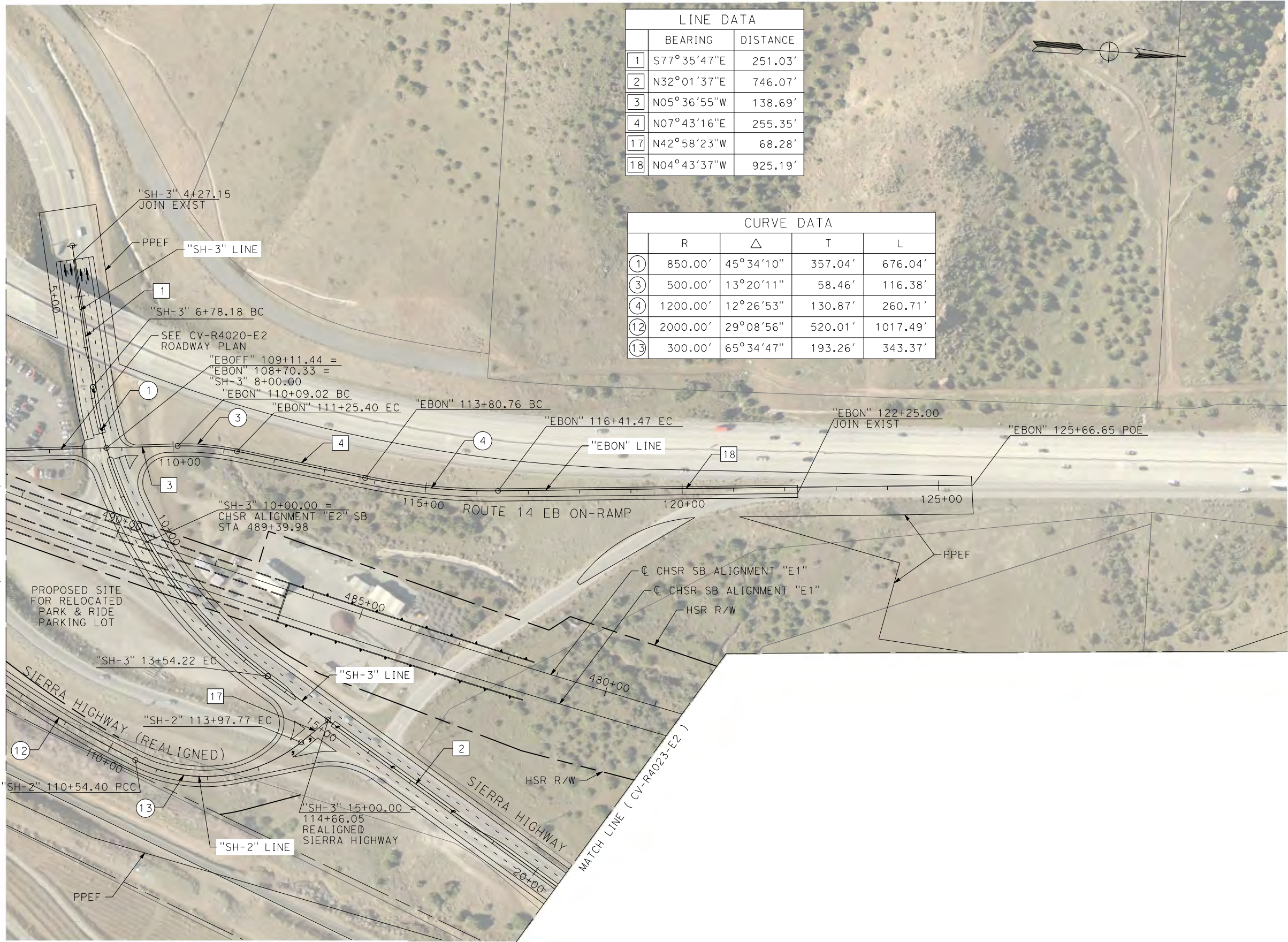
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-2", ANGELES FOREST HIGHWAY AND
ROUTE 14 EB OFF-RAMP

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4020-E2
SCALE
AS SHOWN
SHEET NO.

ct:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalila.cordoba\dms24260\FB-CV-R4022-E2.dgn

5/24/2021 1:11:27 AM

cordo



LINE DATA		
	BEARING	DISTANCE
1	S77°35'47"E	251.03'
2	N32°01'37"E	746.07'
3	N05°36'55"W	138.69'
4	N07°43'16"E	255.35'
17	N42°58'23"W	68.28'
18	N04°43'37"W	925.19'

CURVE DATA				
	R	Δ	T	L
1	850.00'	45°34'10"	357.04'	676.04'
3	500.00'	13°20'11"	58.46'	116.38'
4	1200.00'	12°26'53"	130.87'	260.71'
12	2000.00'	29°08'56"	520.01'	1017.49'
13	300.00'	65°34'47"	193.26'	343.37'

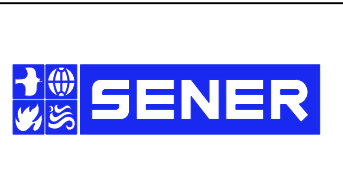


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

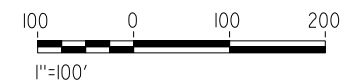
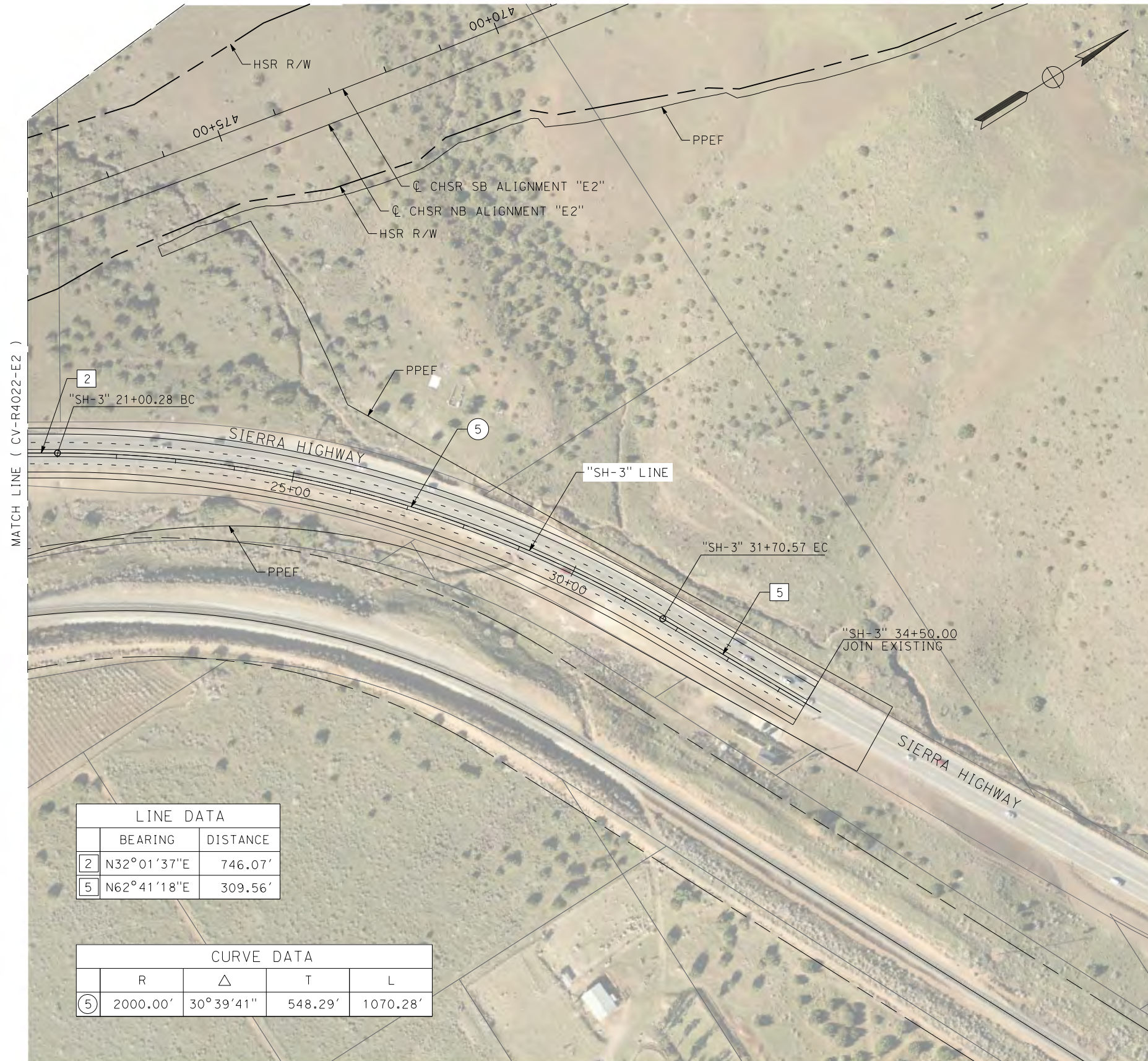
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-3" AND ROUTE 14 EB ON-RAMP

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4022-E2
SCALE
AS SHOWN
SHEET NO.

ct:\pwworkingdir\sener-us-pw.bentley.com_sener-us-pw-01\dalia.cordoba\dms24260\FB-CV-R4023-E2.dgn

5/24/2021 1:13:59 AM

cordo



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-3"

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4023-E2
SCALE
AS SHOWN
SHEET NO.

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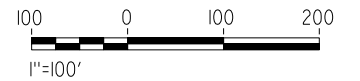
5/11/2021 7:49:17 PM

cordo



LINE DATA		
	BEARING	DISTANCE
1	N43°00'56"E	337.60'

CURVE DATA				
	R	Δ	T	L
1	1000.00'	47°55'16"	444.40'	836.38'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



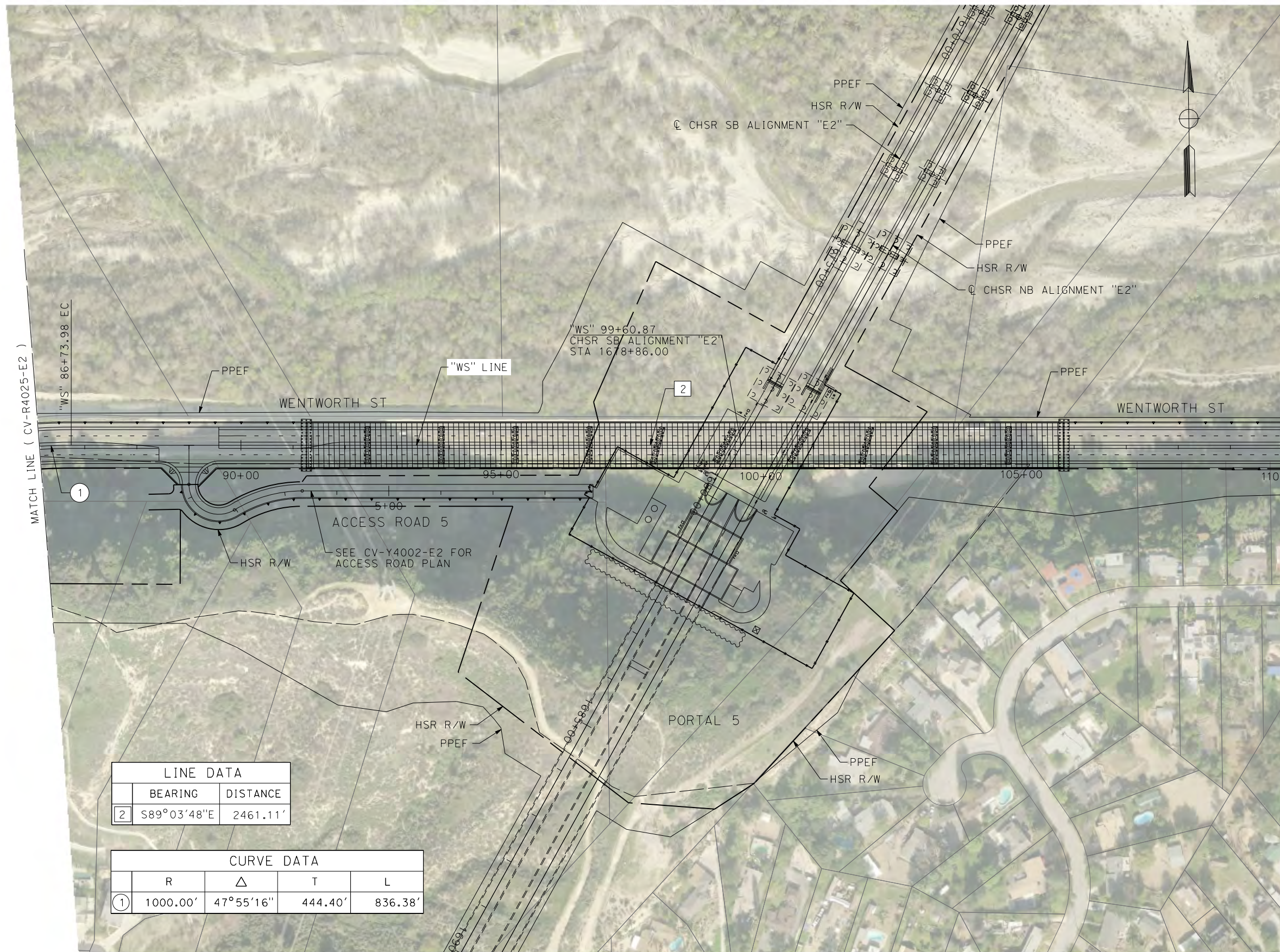
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
WENTWORTH STREET
SHEET 1 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4025-E2
SCALE
AS SHOWN
SHEET NO.

ct:\pwworkingdir\sener-us-pw.bentley.com_sener-us-pw.bentley.com_sener-us-pw-01\dalila.cordoba\dms24260\FB-CV-R4026-E2.dgn

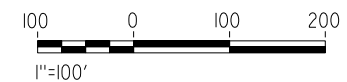
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cordo



LINE DATA	
BEARING	DISTANCE
2 S89°03'48"E	2461.11'

CURVE DATA			
R	Δ	T	L
1 1000.00'	47°55'16"	444.40'	836.38'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

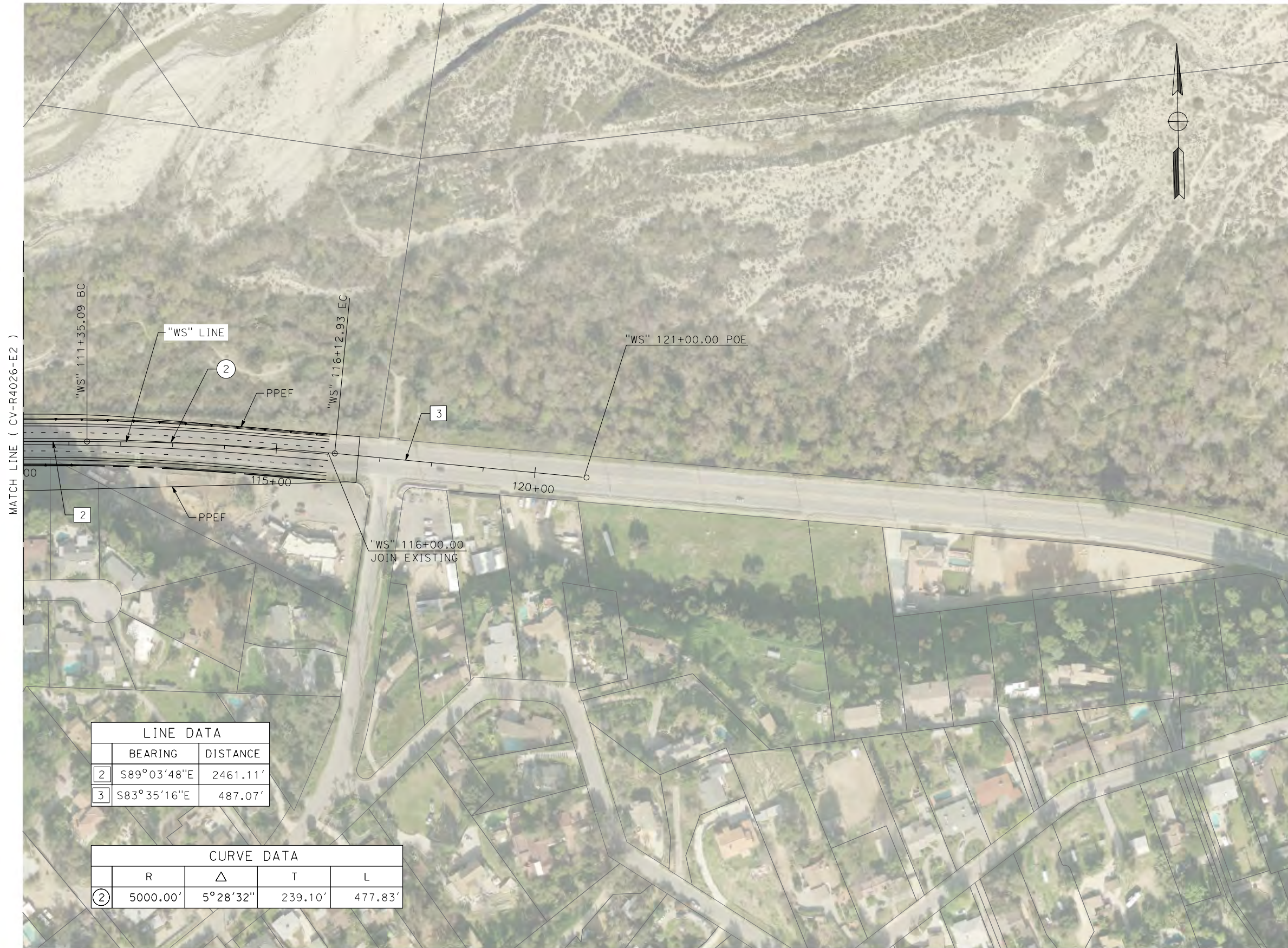
ALIGNMENT "E2"
ROADWAY PLAN
WENTWORTH STREET
SHEET 2 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4026-E2
SCALE
AS SHOWN
SHEET NO.

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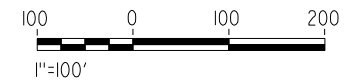
5/11/2021 8:06:33 PM

cordo



LINE DATA		
	BEARING	DISTANCE
2	S89°03'48"E	2461.11'
3	S83°35'16"E	487.07'

CURVE DATA				
	R	Δ	T	L
2	5000.00'	5°28'32"	239.10'	477.83'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



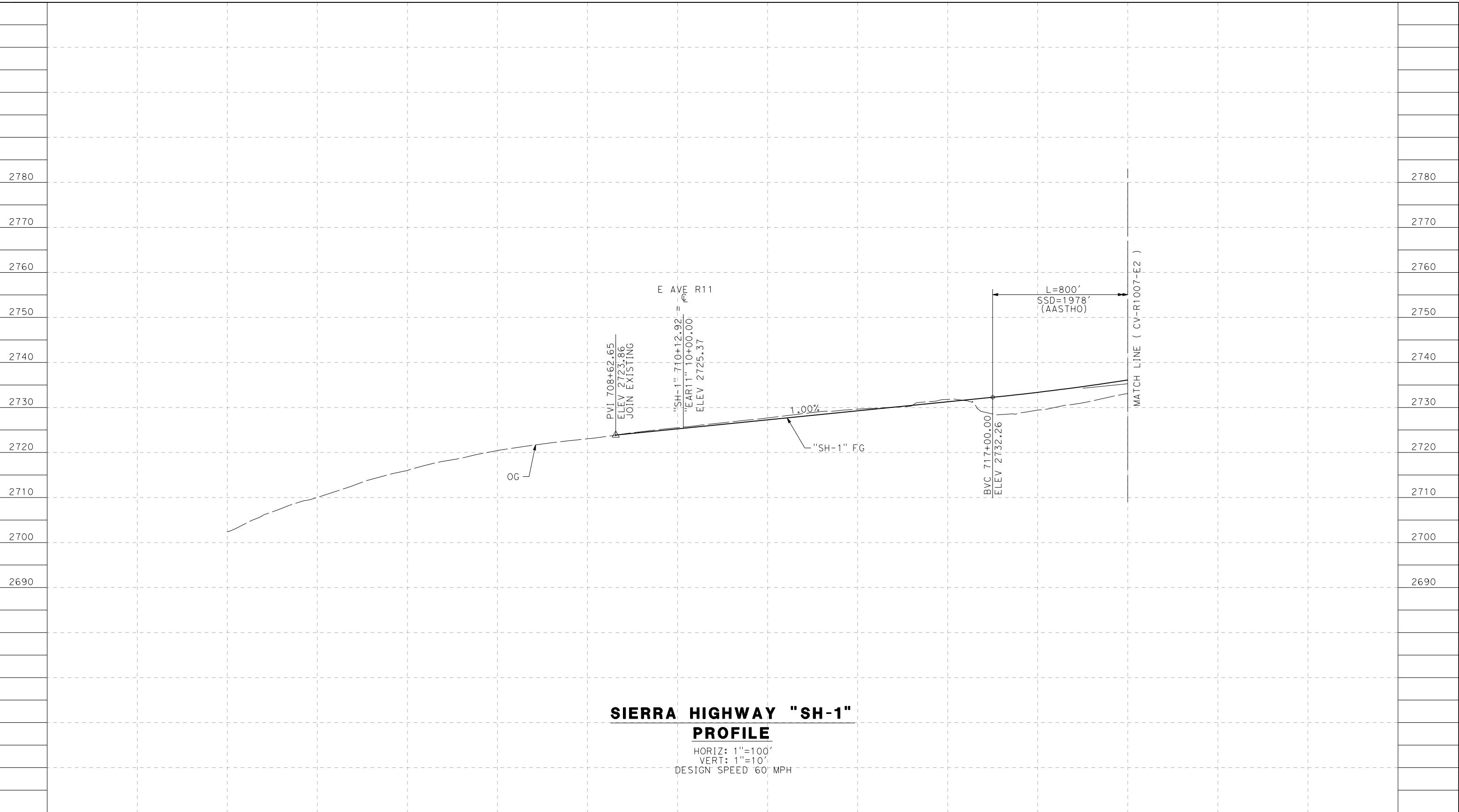
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
WENTWORTH STREET
SHEET 3 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4027-E2
SCALE
AS SHOWN
SHEET NO.

c:\pwworkingdir\sener-us-pw.bentley.com_sener-us-pw-01\dalila.cordoba\dms24260\FB-CV-R1006-E2.dgn

5/24/2021 1:24:30 AM

cordo



**SIERRA HIGHWAY "SH-1"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION	700+00	702+00	704+00	706+00	708+00	710+00	712+00	714+00	716+00	718+00	720+00	TOTAL
CY	Exc											
	Emb											

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-1"
SHEET 1 OF 4

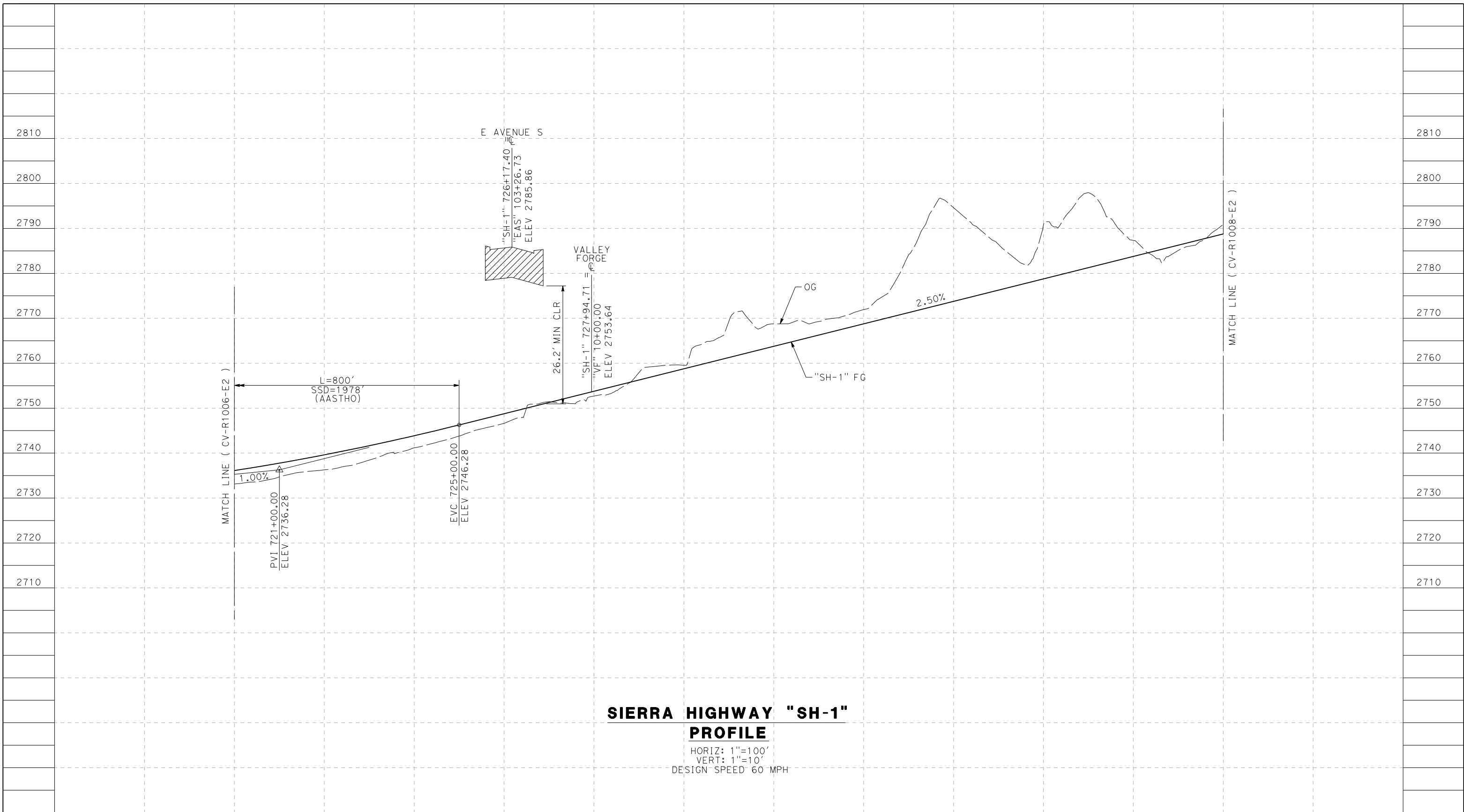
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1006-E2
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/24/2021 1:22:42 AM

cordo



**SIERRA HIGHWAY "SH-1"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION	720+00	722+00	724+00	726+00	728+00	730+00	732+00	734+00	736+00	738+00	740+00	742+00	TOTAL
CY	Exc												
	Emb												

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

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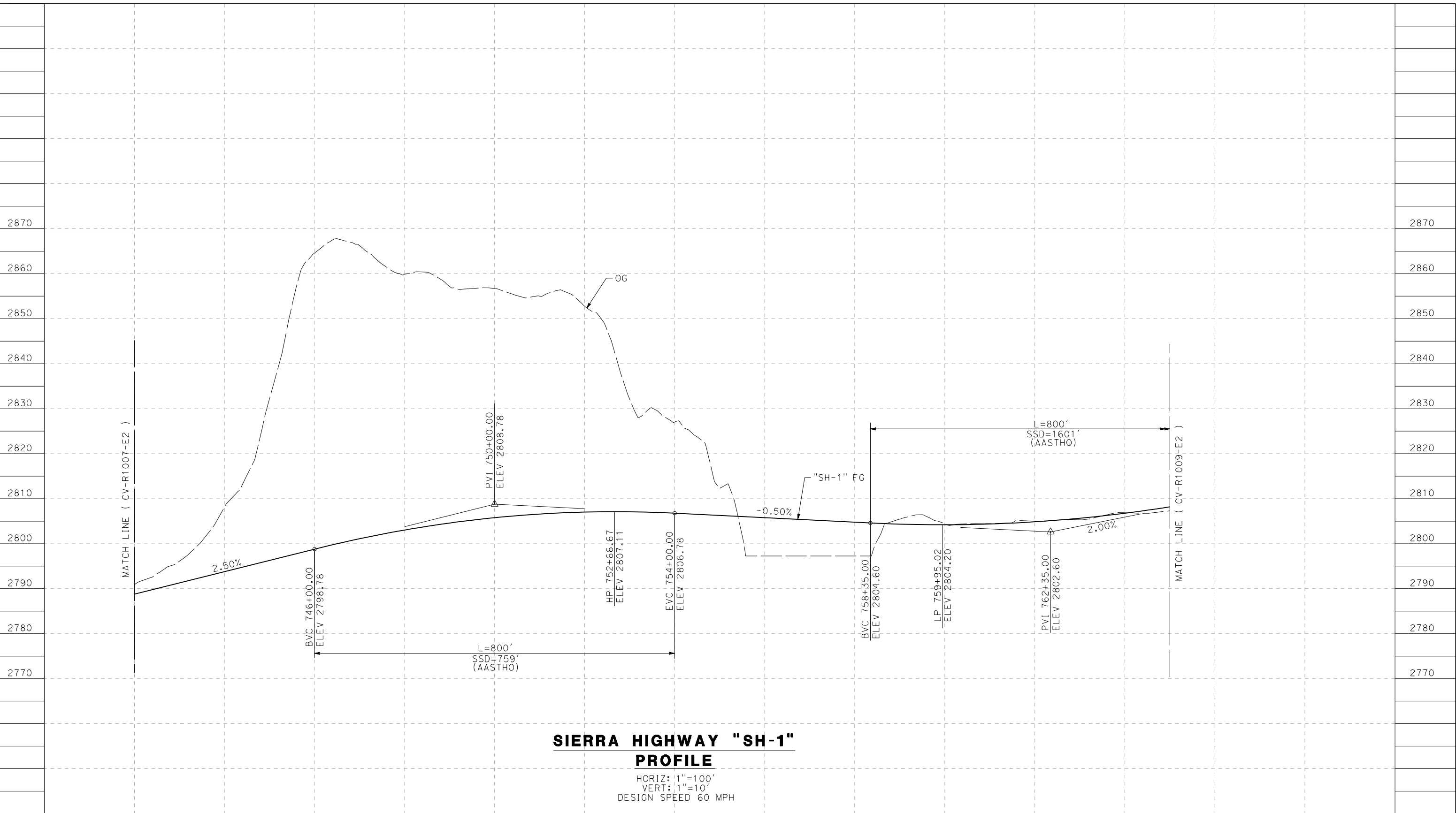
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-1"
SHEET 2 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1007-E2
SCALE
AS SHOWN
SHEET NO.

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5/24/2021 1:26:19 AM

cordo



**SIERRA HIGHWAY "SH-1"
PROFILE**
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 60 MPH

STATION	742+00	744+00	548+00	748+00	750+00	752+00	754+00	756+00	758+00	760+00	762+00	764+00	765+00	TOTAL
CY	Exc													
	Emb													

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 ROADWAY PROFILE
 SIERRA HIGHWAY "SH-1"
 SHEET 3 OF 4

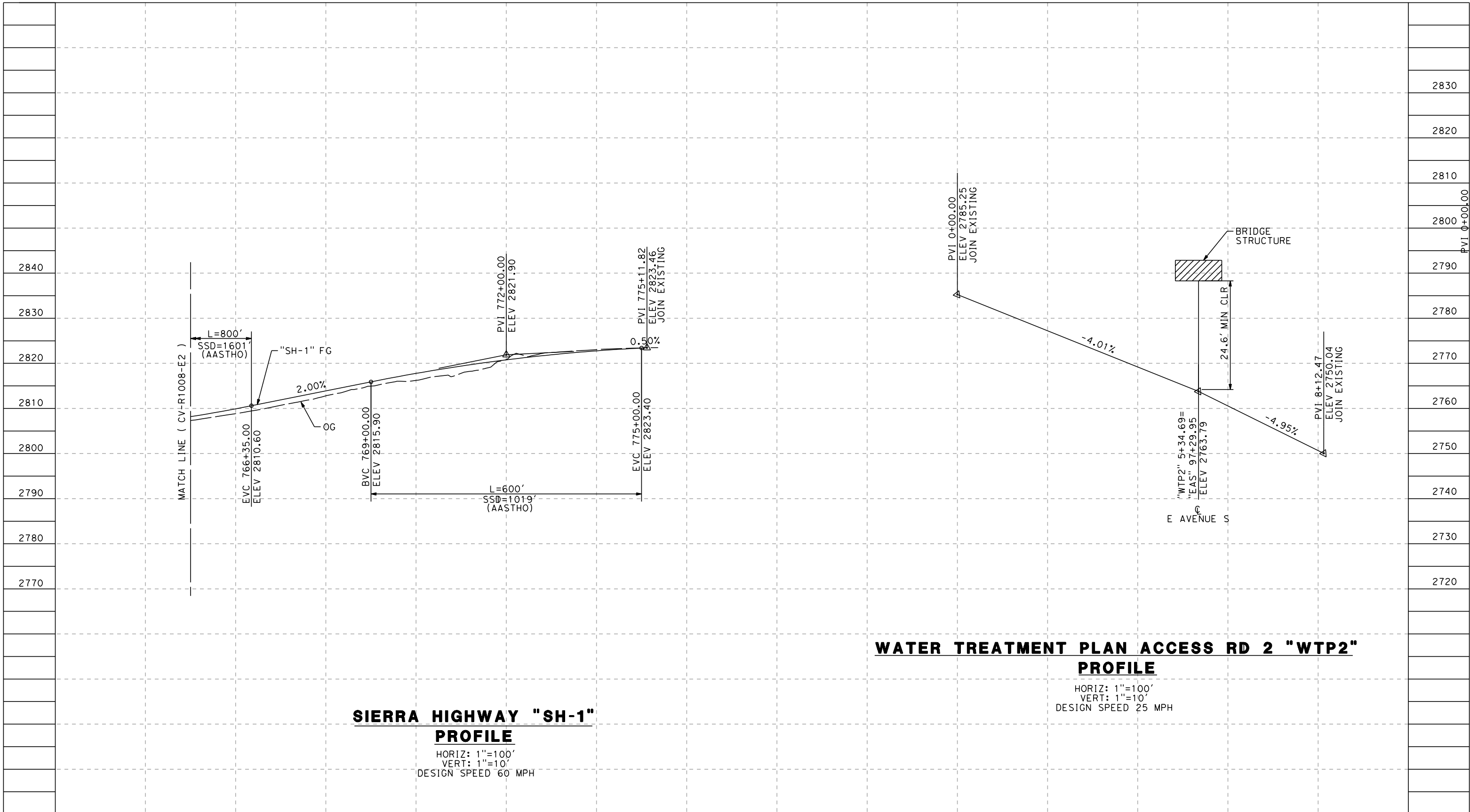
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1008-E2
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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7/22/2021 12:45:01 AM

cordo



STATION	766+00	768+00	770+00	772+00	774+00	776+00	0+00	2+00	4+00	6+00	8+00	TOTAL
CY	Exc											
	Emb											

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA

DRAWN BY
A. SANZ

CHECKED BY
W. GUO

IN CHARGE
A. RELANO

DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

ALIGNMENT "E2"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-1" AND WATER TREATMENT PLANT
ACCESS RD 2 - SHEET 4 OF 4

CONTRACT NO.
HSR14-42

DRAWING NO.
CV-R1009-E2

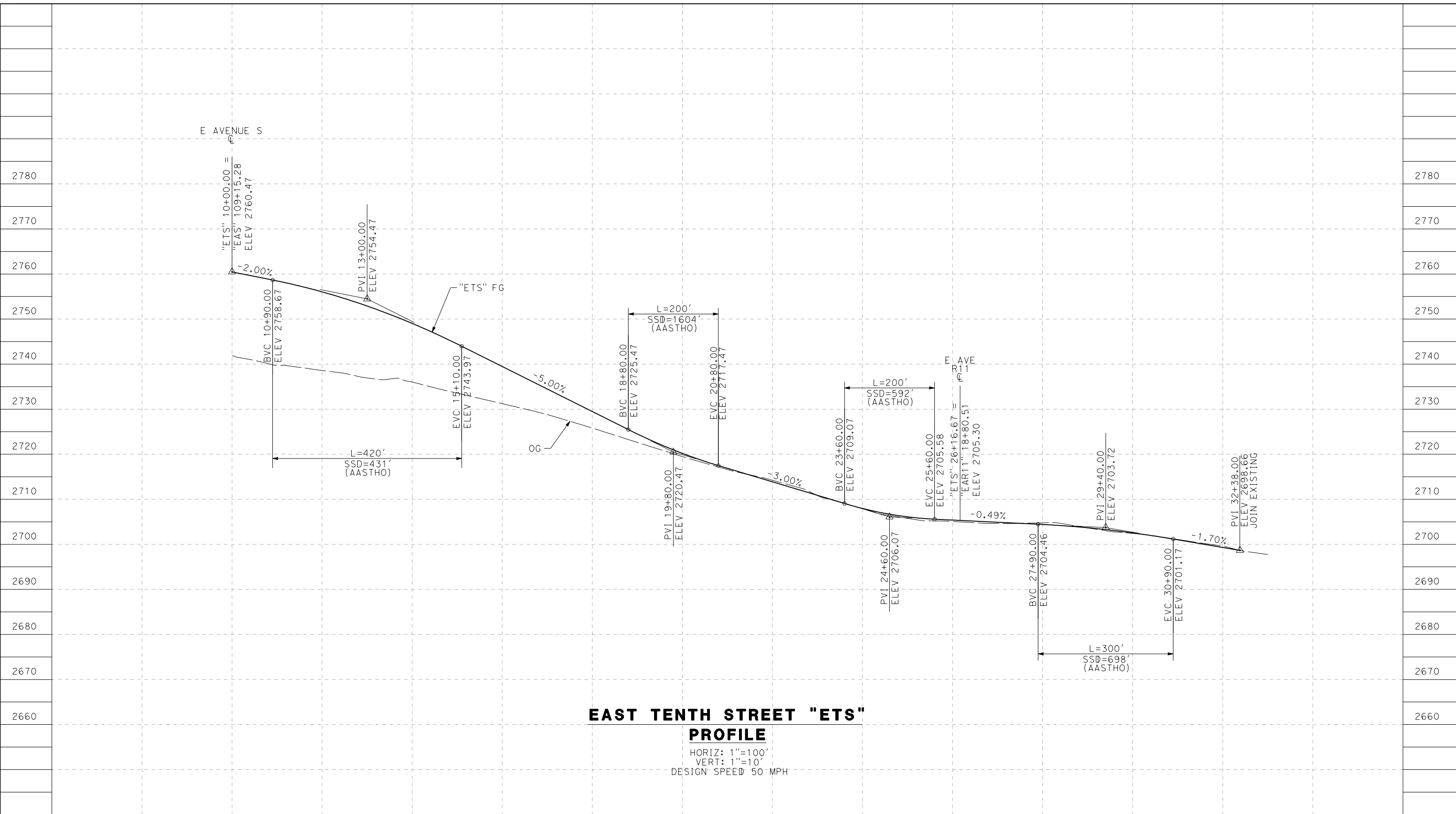
SCALE
AS SHOWN

SHEET NO.

ct:\pwworkingdir\sener-us-pw.bentley.com_sener-us-pw-01\dalila.cordoba\dms24260\VPB-CV-R1009A-E2.dgn

5/24/2021 1:41:18 AM

cordo



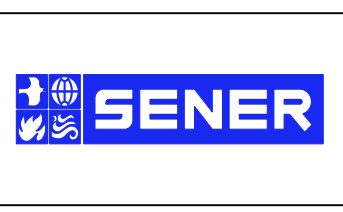
STATION	10+00	12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	30+00	32+00	34+00	TOTAL
CY	Exc													
	Emb													

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

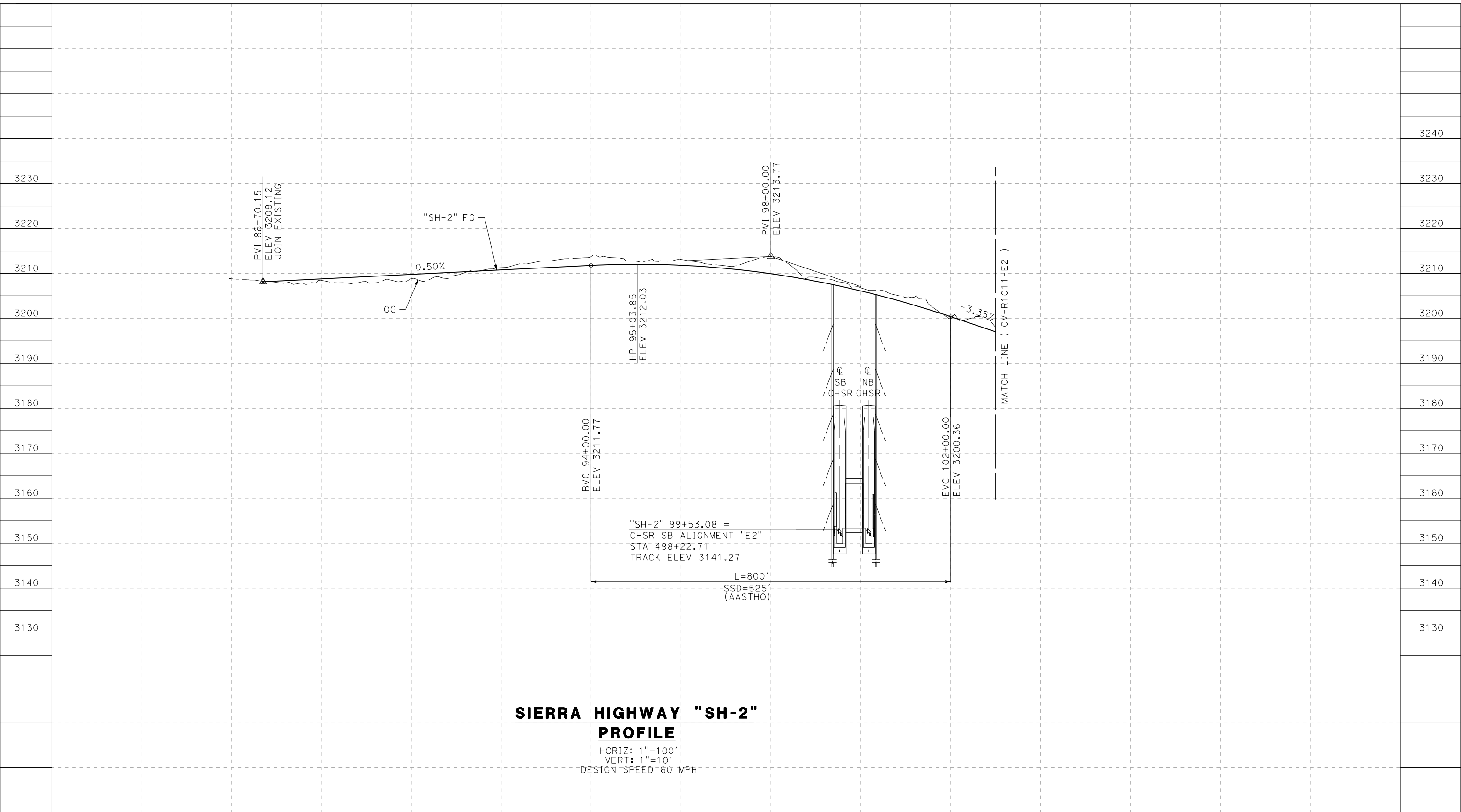
ALIGNMENT "E2"
ROADWAY PROFILE
EAST TENTH STREET

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1009A-E2
 SCALE
AS SHOWN
 SHEET NO.

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5/24/2021 1:43:13 AM

cordo



**SIERRA HIGHWAY "SH-2"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION	86+00	88+00	90+00	92+00	94+00	96+00	98+00	100+00	102+00	104+00	TOTAL
CY	Exc										
	Emb										

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-2"
SHEET 1 OF 2

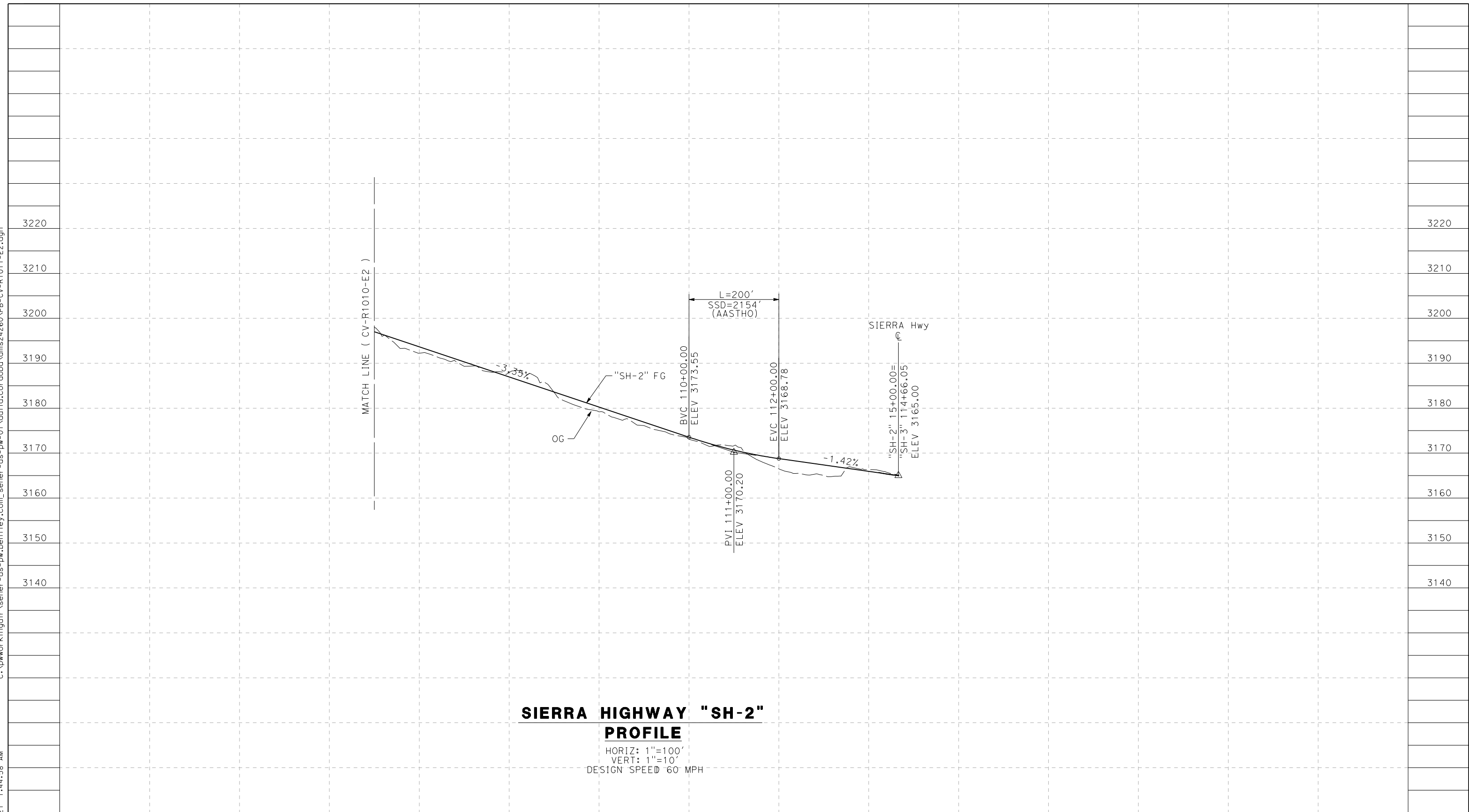
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1010-E2
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/24/2021 1:44:58 AM

cordo



**SIERRA HIGHWAY "SH-2"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION		102+00	104+00	106+00	108+00	110+00	112+00	114+00	116+00		TOTAL
CY	Exc										
	Emb										

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02**

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CONSTRUCTION**

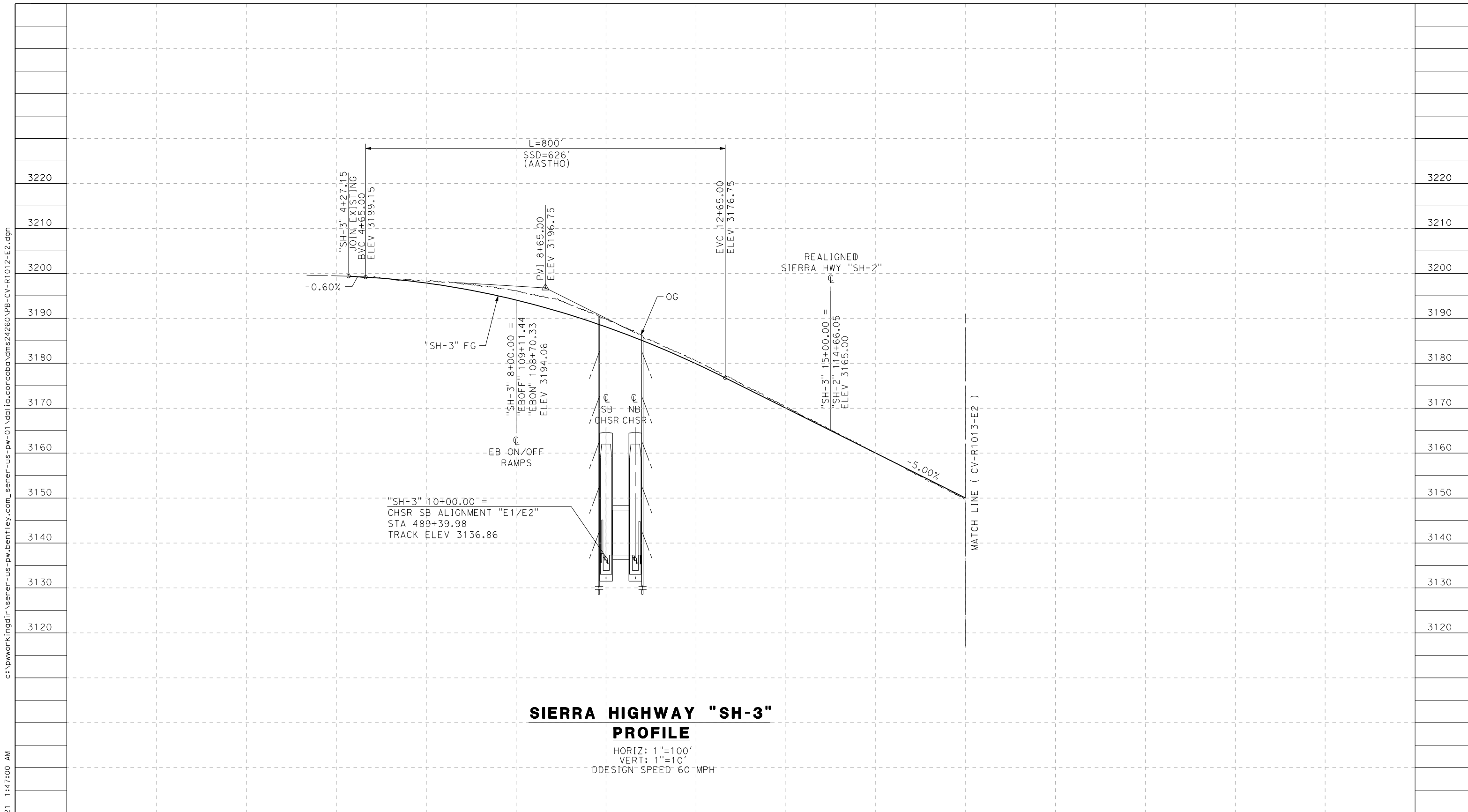


**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-2"
SHEET 2 OF 2

CONTRACT NO. HSR14-42
DRAWING NO. CV-R1011-E2
SCALE AS SHOWN
SHEET NO.

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cordo



SIERRA HIGHWAY "SH-3" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DDESIGN SPEED 60 MPH

STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	18+00	TOTAL
CY	Exc										
	Emb										

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
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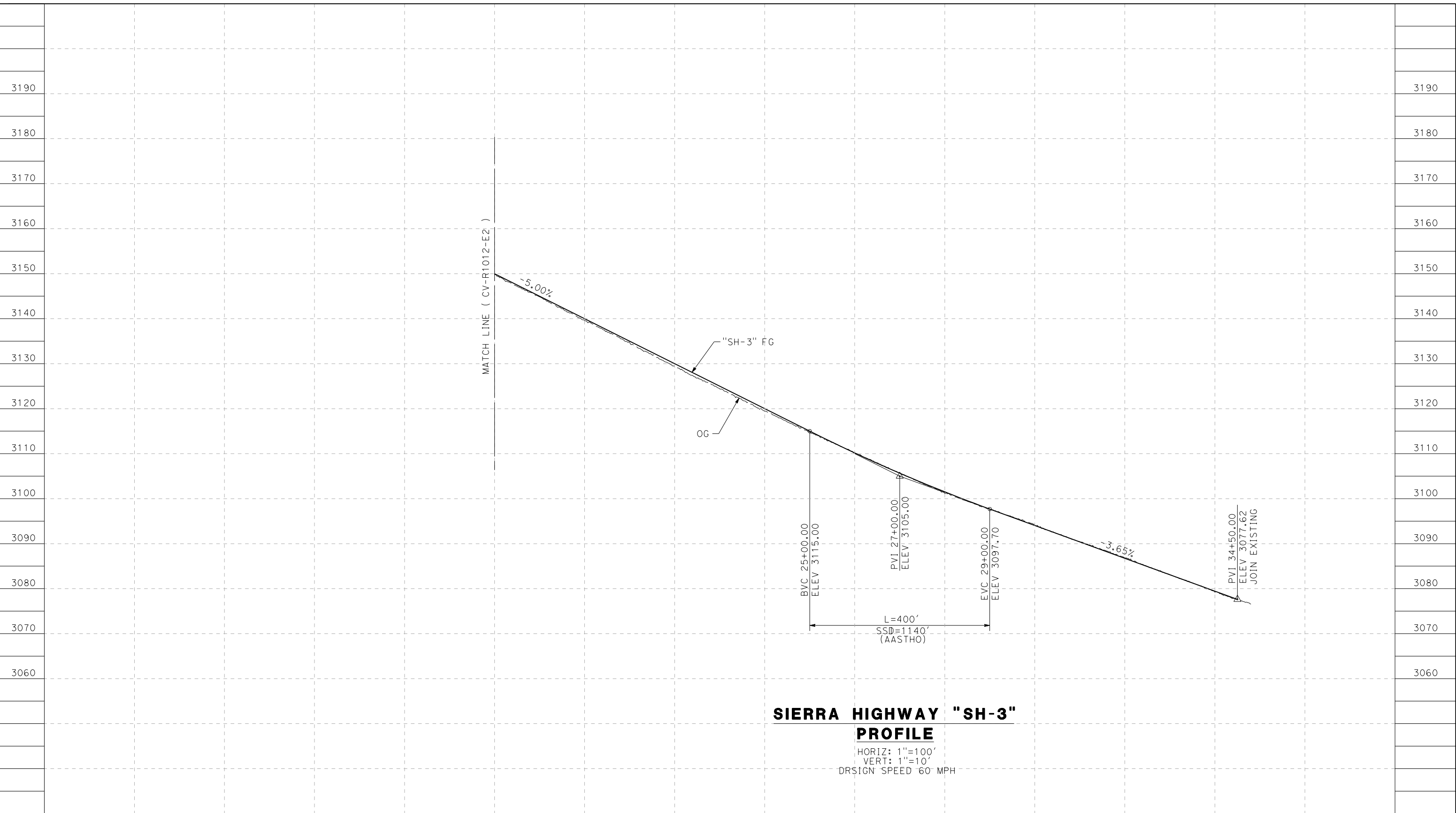
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 ROADWAY PROFILE
 SIERRA HIGHWAY "SH-3"
 SHEET 1 OF 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1012-E2
 SCALE
AS SHOWN
 SHEET NO.

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5/24/2021 1:48:47 AM

cordo



**SIERRA HIGHWAY "SH-3"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION		18+00	20+00	22+00	24+00	26+00	28+00	30+00	32+00	34+00	TOTAL
CY	Exc										
	Emb										

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02**

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

ALIGNMENT "E2"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-3"
SHEET 2 OF 2

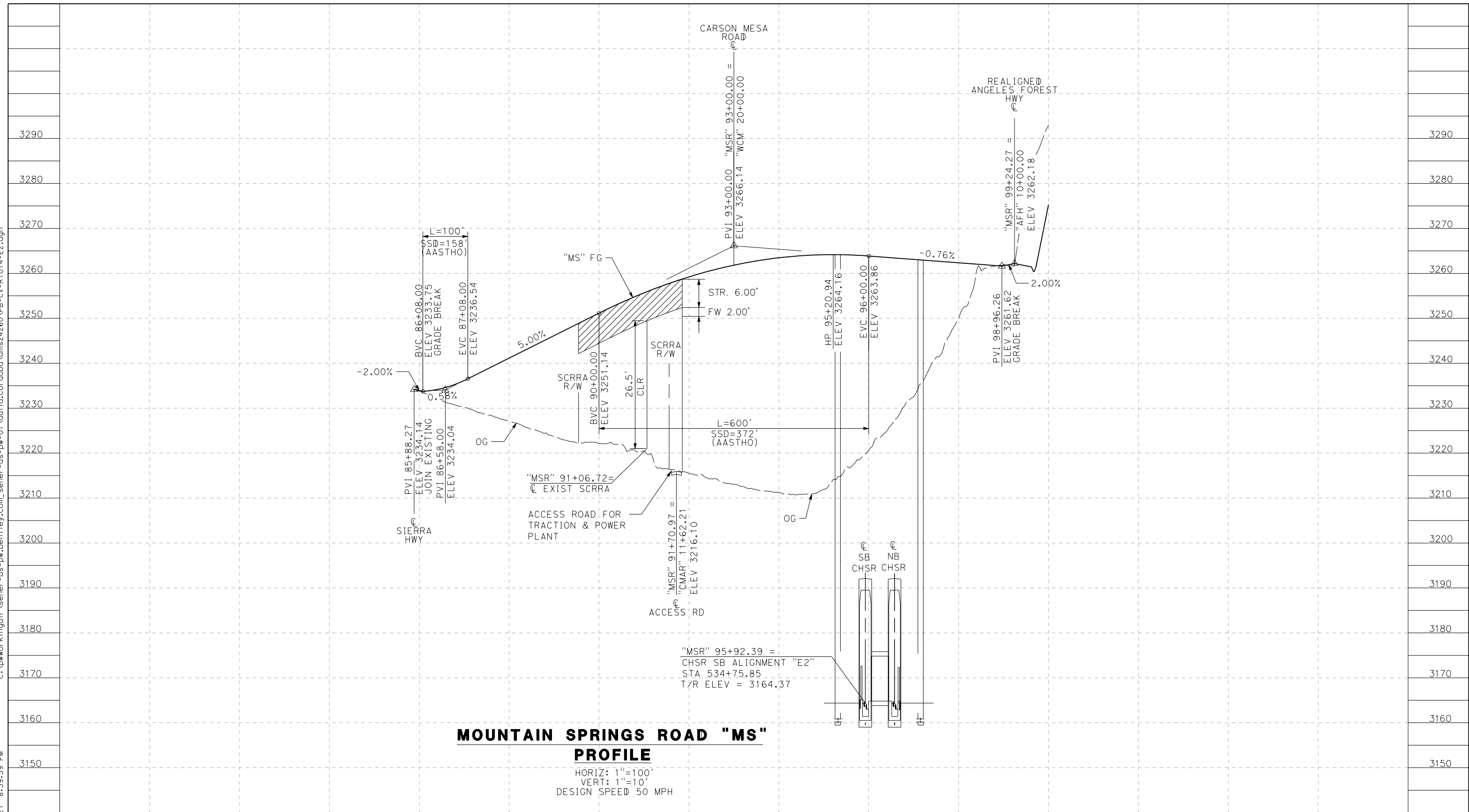
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HSR14-42
DRAWING NO.
CV-R1013-E2
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/25/2021 8:39:39 PM

cordo



**MOUNTAIN SPRINGS ROAD "MS"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 50 MPH

STATION	86+00	88+00	90+00	92+00	94+00	96+00	98+00	100+00	TOTAL
CY	Exc								
	Emb								

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



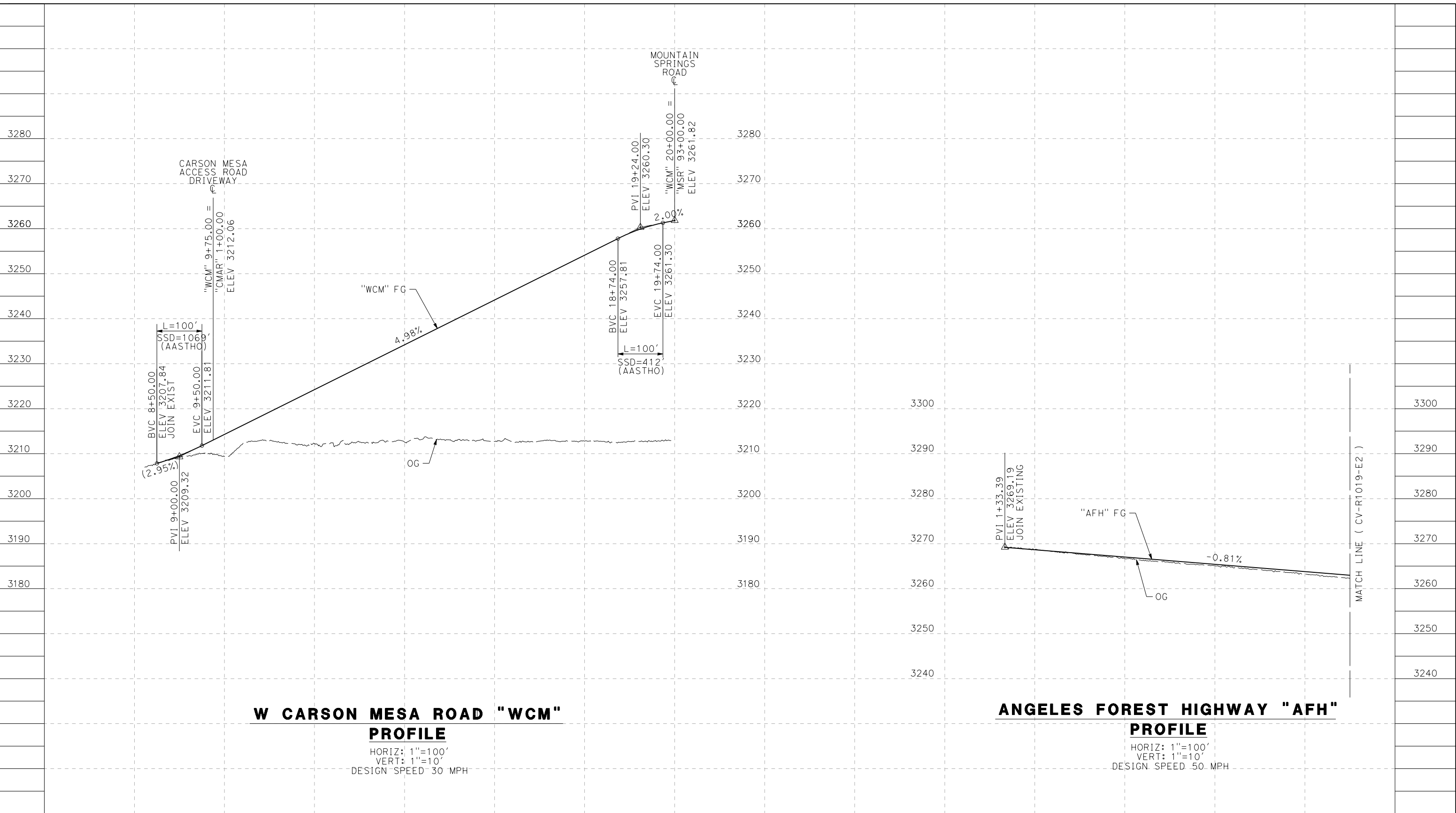
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
MOUNTAIN SPRINGS ROAD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1014-E2
SCALE
AS SHOWN
SHEET NO.

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5/24/2021 6:27:31 AM

cordo



W CARSON MESA ROAD "WCM" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 30 MPH

ANGELES FOREST HIGHWAY "AFH" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 50 MPH

STATION	8+00	10+00	12+00	14+00	16+00	18+00	20+00	0+00	2+00	4+00	6+00	8+00	TOTAL
CY	Exc												
	Emb												

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
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 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 ROADWAY PROFILE
 ANGELES FOREST HIGHWAY AND W CARSON MESA ROAD

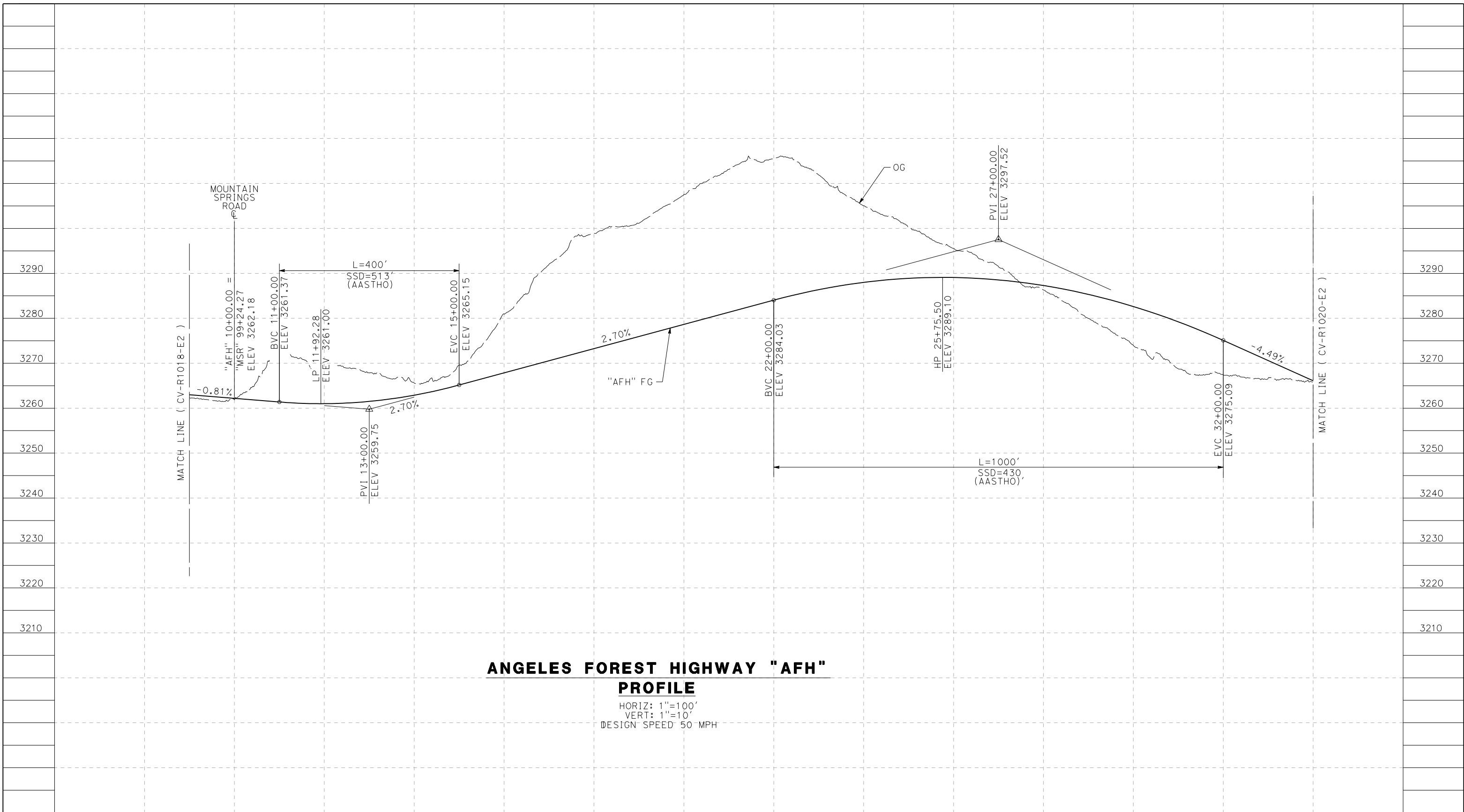
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1018-E2
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo

cordo



**ANGELES FOREST HIGHWAY "AFH"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 50 MPH

STATION	10+00	12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	30+00	32+00	34+00	TOTAL
CY	Exc													
	Emb													

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
ANGELES FOREST HIGHWAY
SHEET 1 OF 2

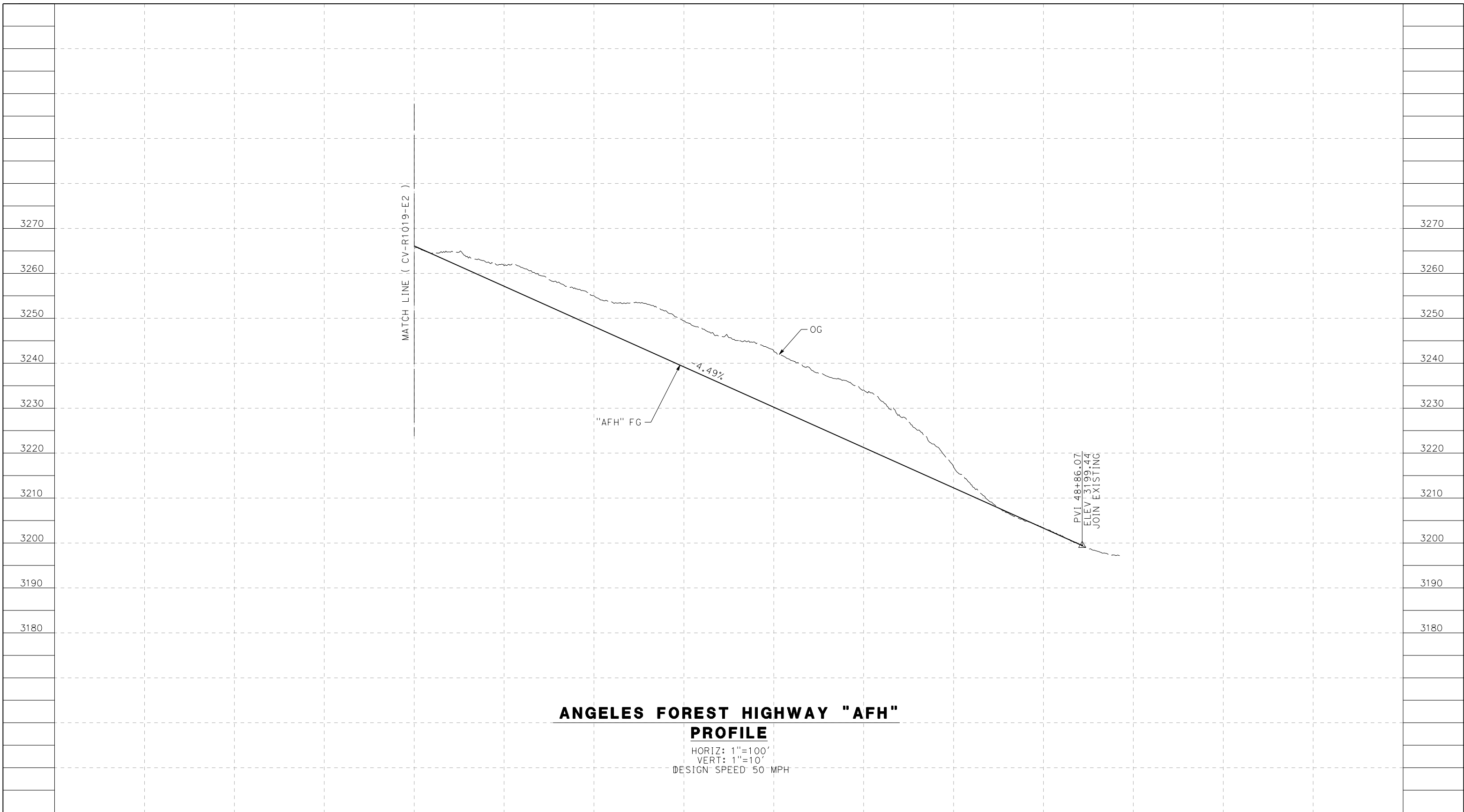
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HSR14-42
DRAWING NO.
CV-R1019-E2
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo

cordo



**ANGELES FOREST HIGHWAY "AFH"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 50 MPH

STATION	34+00	36+00	38+00	40+00	42+00	44+00	46+00	48+00	50+00	TOTAL
CY	Exc									
	Emb									

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

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CONSTRUCTION**



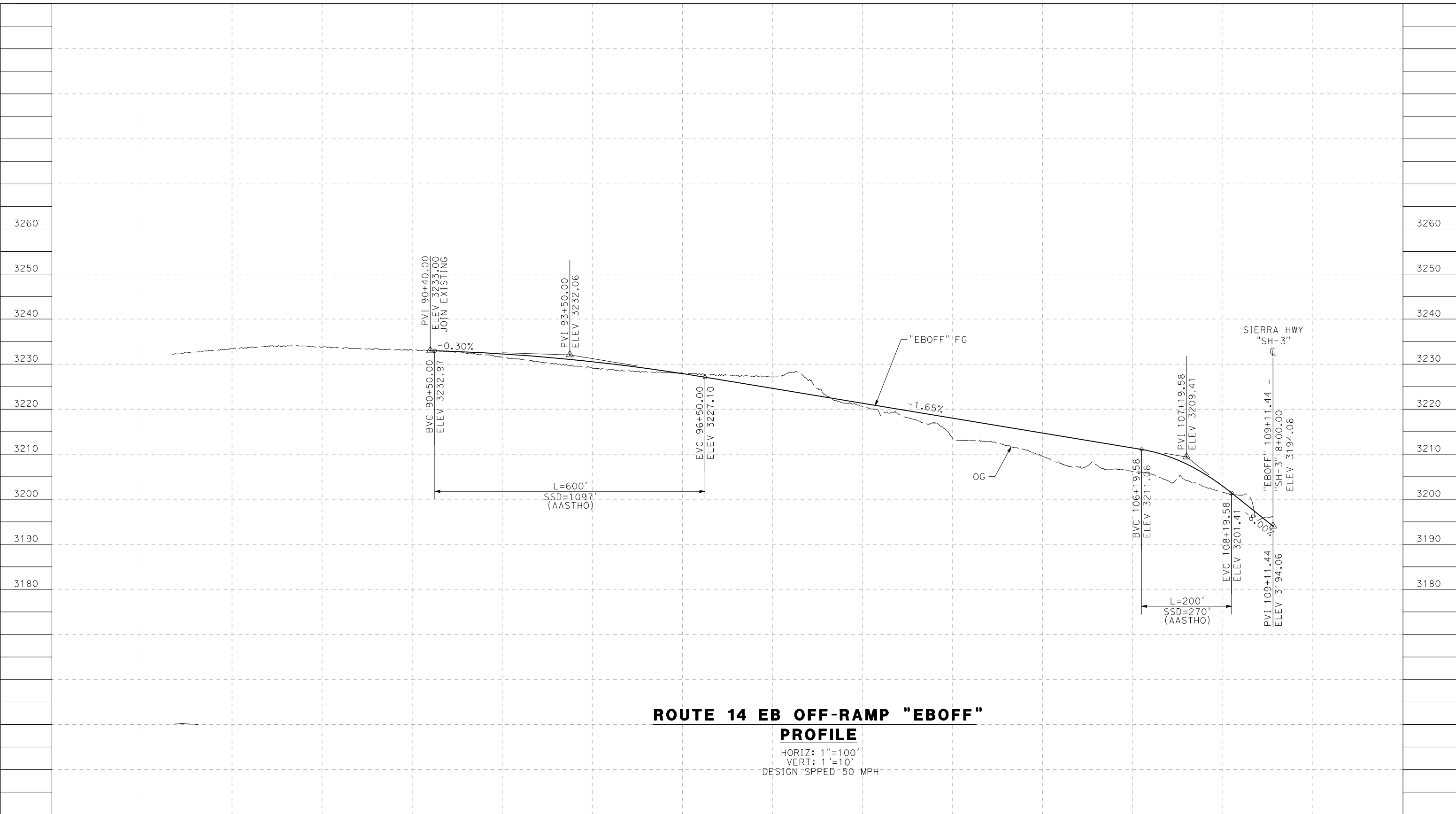
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
ANGELES FOREST HIGHWAY
SHEET 2 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1020-E2
SCALE
AS SHOWN
SHEET NO.

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5/24/2021 6:36:59 AM

cordo



ROUTE 14 EB OFF-RAMP "EBOFF" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 50 MPH

STATION	84+00	86+00	88+00	90+00	92+00	94+00	96+00	98+00	100+00	102+00	104+00	106+00	108+00	110+00	TOTAL
CY	Exc														
	Emb														

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 ROADWAY PROFILE
 ROUTE 14 EB OFF-RAMP

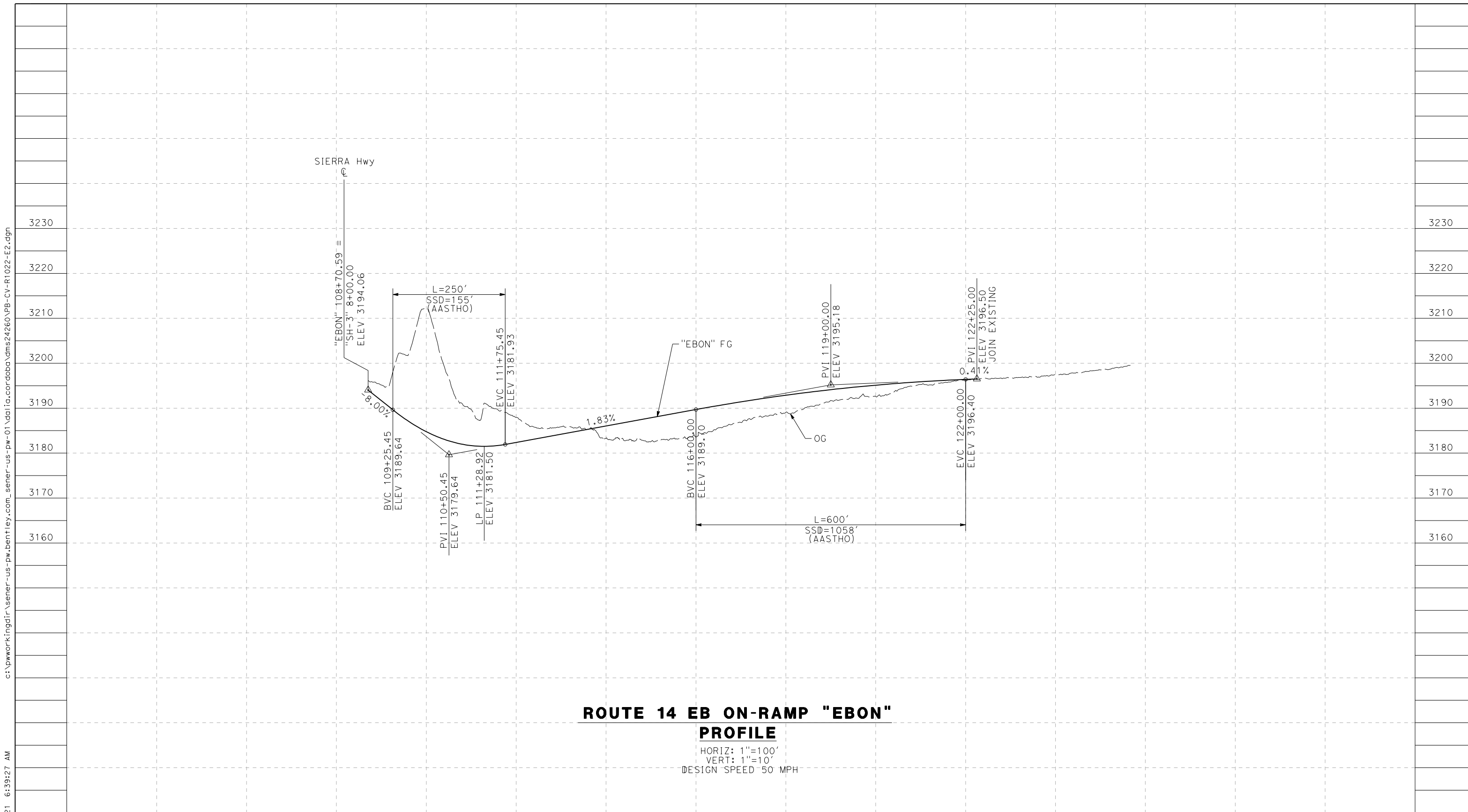
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HSR14-42
 DRAWING NO.
CV-R1021-E2
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

5/24/2021 6:39:27 AM c:\pwworkingdir\sener-us-pw.bentley.com_sener-us-pw-01\dalila.cordoba\dms24260\FB-CV-R1022-E2.dgn

cordo

cordo



**ROUTE 14 EB ON-RAMP "EBON"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 50 MPH

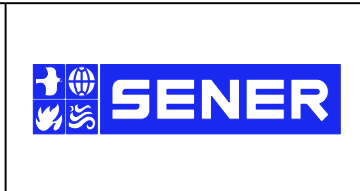
STATION	108+00	110+00	112+00	114+00	116+00	118+00	120+00	122+00	124+00	126+00	TOTAL
CY	Exc										
	Emb										

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GOU
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



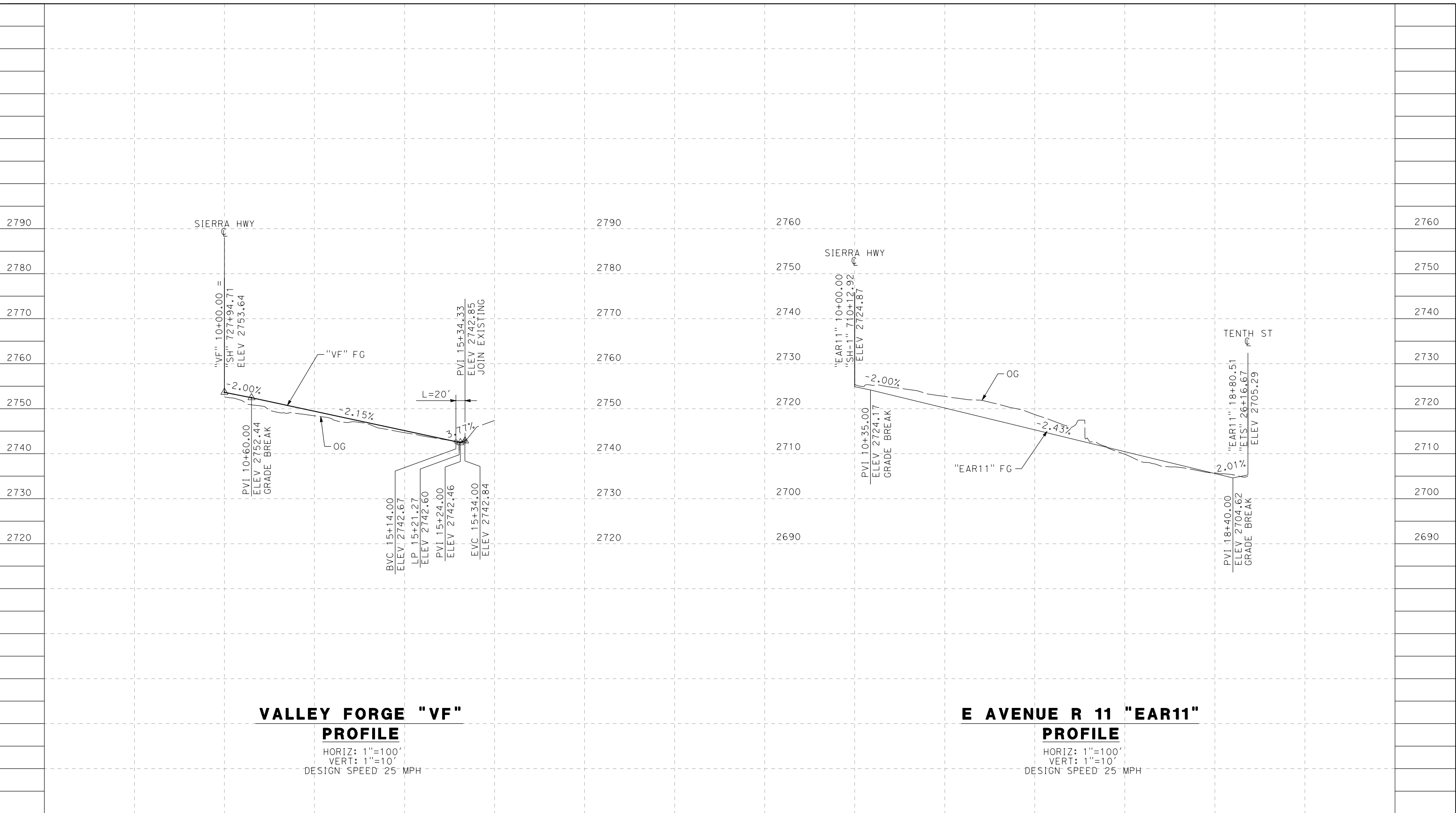
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
ROUTE 14 EB ON-RAMP

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1022-E2
SCALE
AS SHOWN
SHEET NO.

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5/24/2021 6:42:07 AM

cordo



VALLEY FORGE "VF" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 25 MPH

E AVENUE R 11 "EAR11" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 25 MPH

STATION	10+00	12+00	14+00	16+00	18+00	TOTAL
CY	Exc					
	Emb					

DESIGNED BY J.C. ALAMILLA
DRAWN BY A. SANZ
CHECKED BY W. GUO
IN CHARGE A. RELANO
DATE 04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 ROADWAY PROFILE
 VALLEY FORGE AND EAST AVENUE R 11

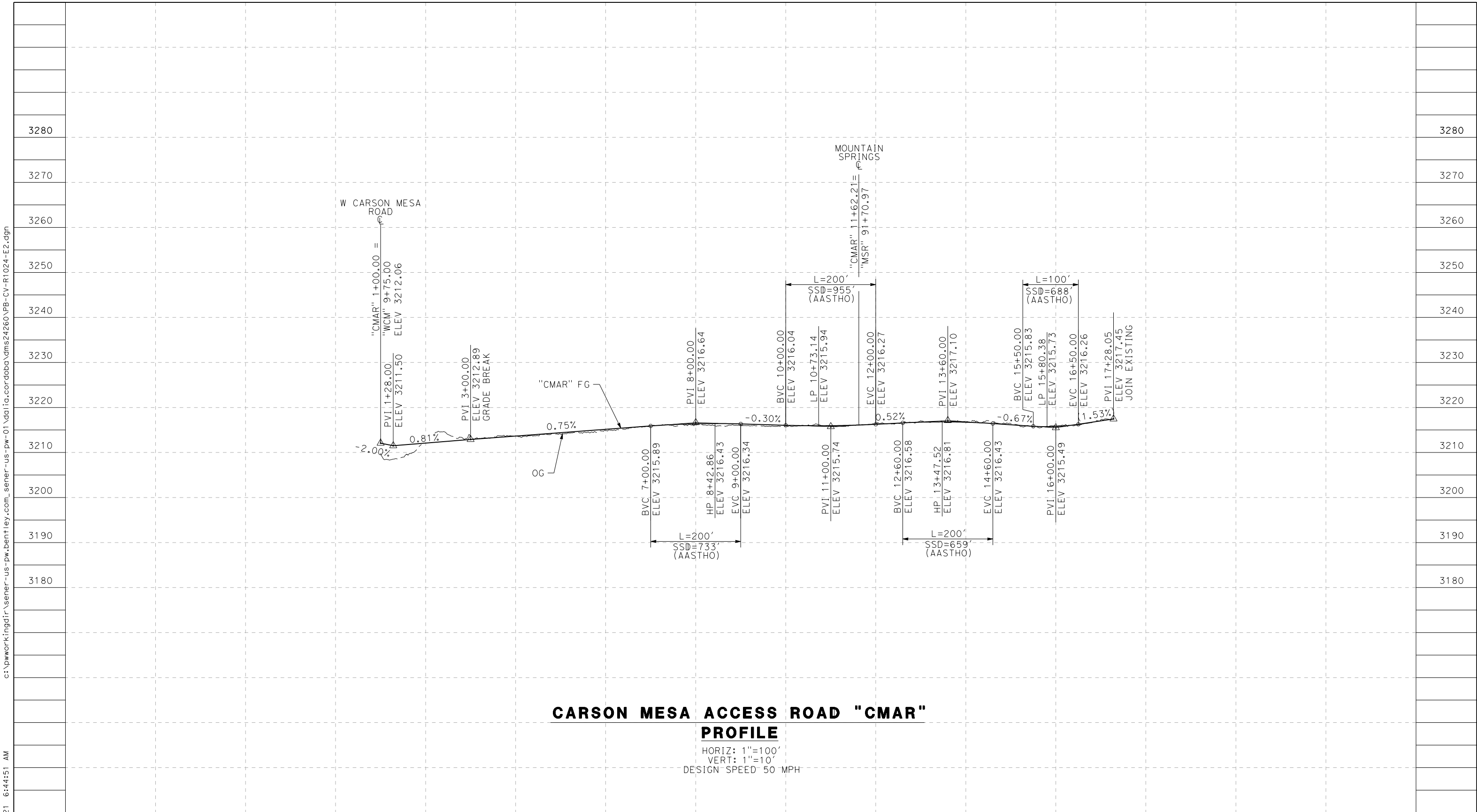
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DRAWING NO. CV-R1023-E2
SCALE AS SHOWN
SHEET NO.

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5/24/2021 6:44:51 AM

cordo



CARSON MESA ACCESS ROAD "CMAR" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 50 MPH

STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	18+00	20+00	TOTAL
CY	Exc											
	Emb											

DESIGNED BY J.C. ALAMILLA	PEPD RECORD SET REV 02 NOT FOR CONSTRUCTION				
DRAWN BY A. SANZ					
CHECKED BY W. GUO					
IN CHARGE A. RELANO					
DATE 04/30/2021					
REV	DATE	BY	CHK	APP	DESCRIPTION



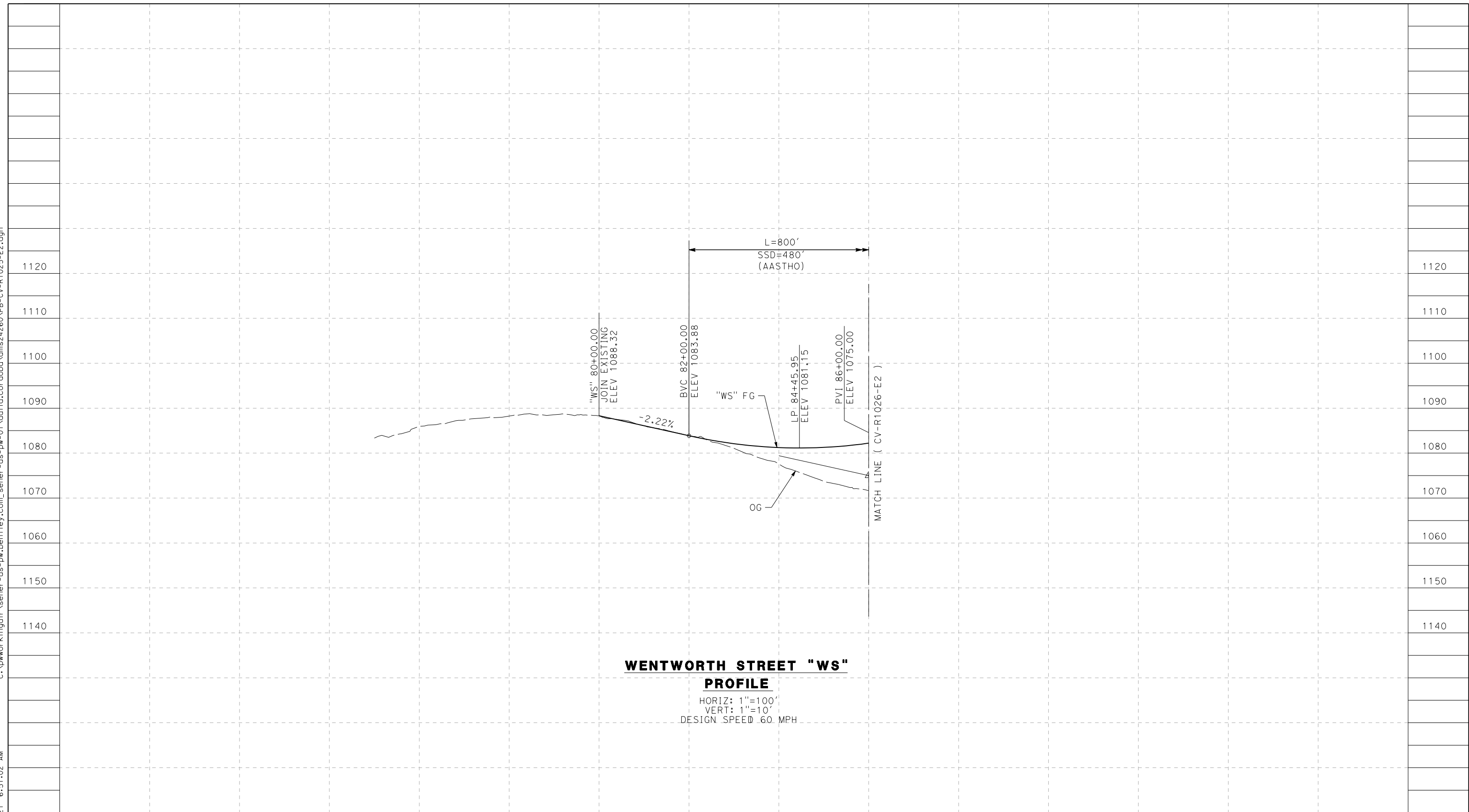

CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 ROADWAY PROFILE
 CARSON MESA ACCESS ROAD

CONTRACT NO. HSR14-42
DRAWING NO. CV-R1024-E2
SCALE AS SHOWN
SHEET NO.

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5/27/2021 6:51:02 AM

cordo



**WENTWORTH STREET "WS"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION		74+00	76+00	78+00	80+00	82+00	84+00	86+00	TOTAL
CY	Exc								
	Emb								

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



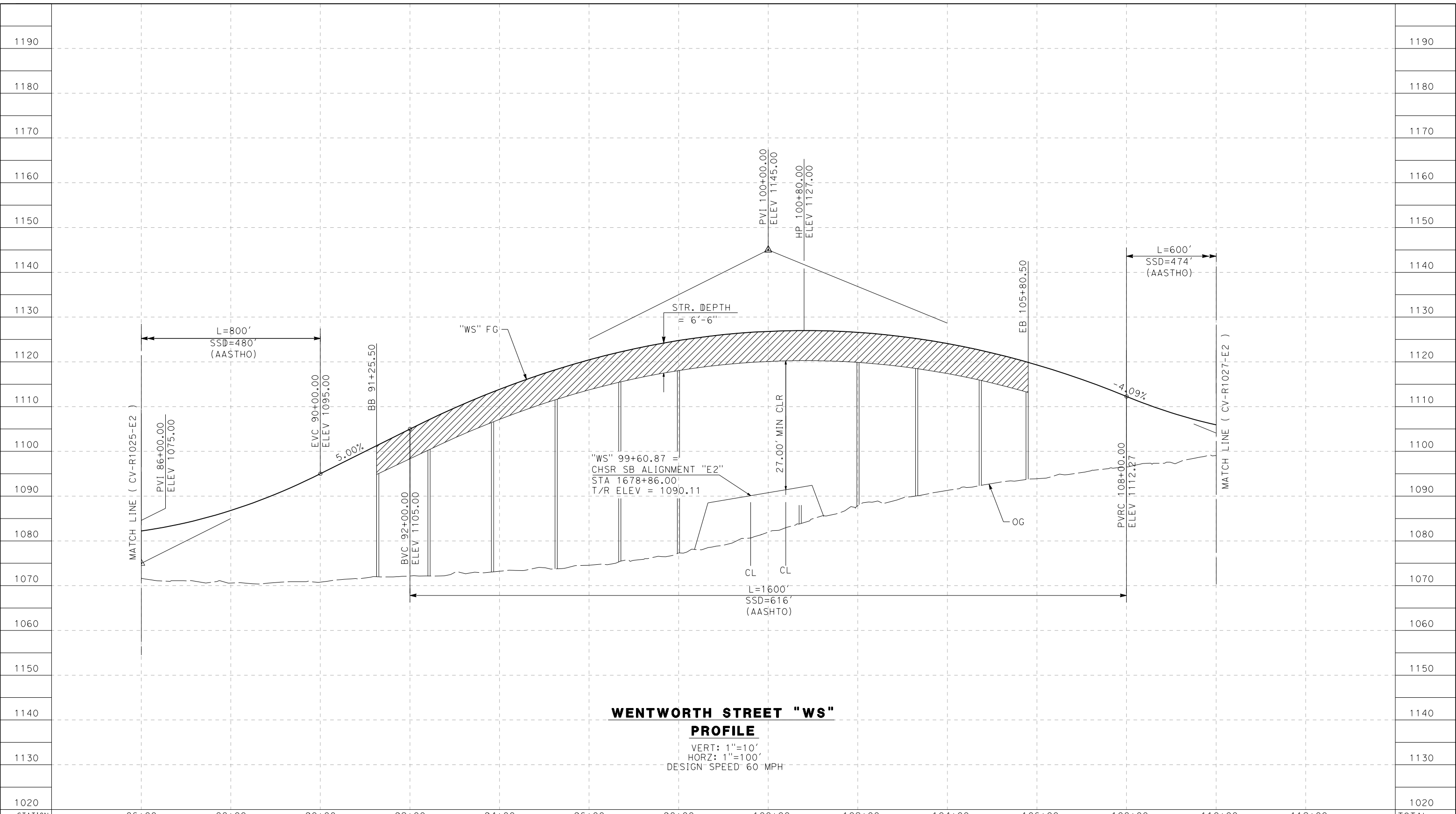
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
WENTWORTH STREET
SHEET 1 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1025-E2
SCALE
AS SHOWN
SHEET NO.

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cordo



WENTWORTH STREET "WS"

PROFILE
 VERT: 1"=10'
 HORZ: 1"=100'
 DESIGN SPEED 60 MPH

STATION	86+00	88+00	90+00	92+00	94+00	96+00	98+00	100+00	102+00	104+00	106+00	108+00	110+00	112+00	TOTAL
CY	Exc														
	Emb														

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 ROADWAY PROFILE
 WENTWORTH STREET
 SHEET 2 OF 3

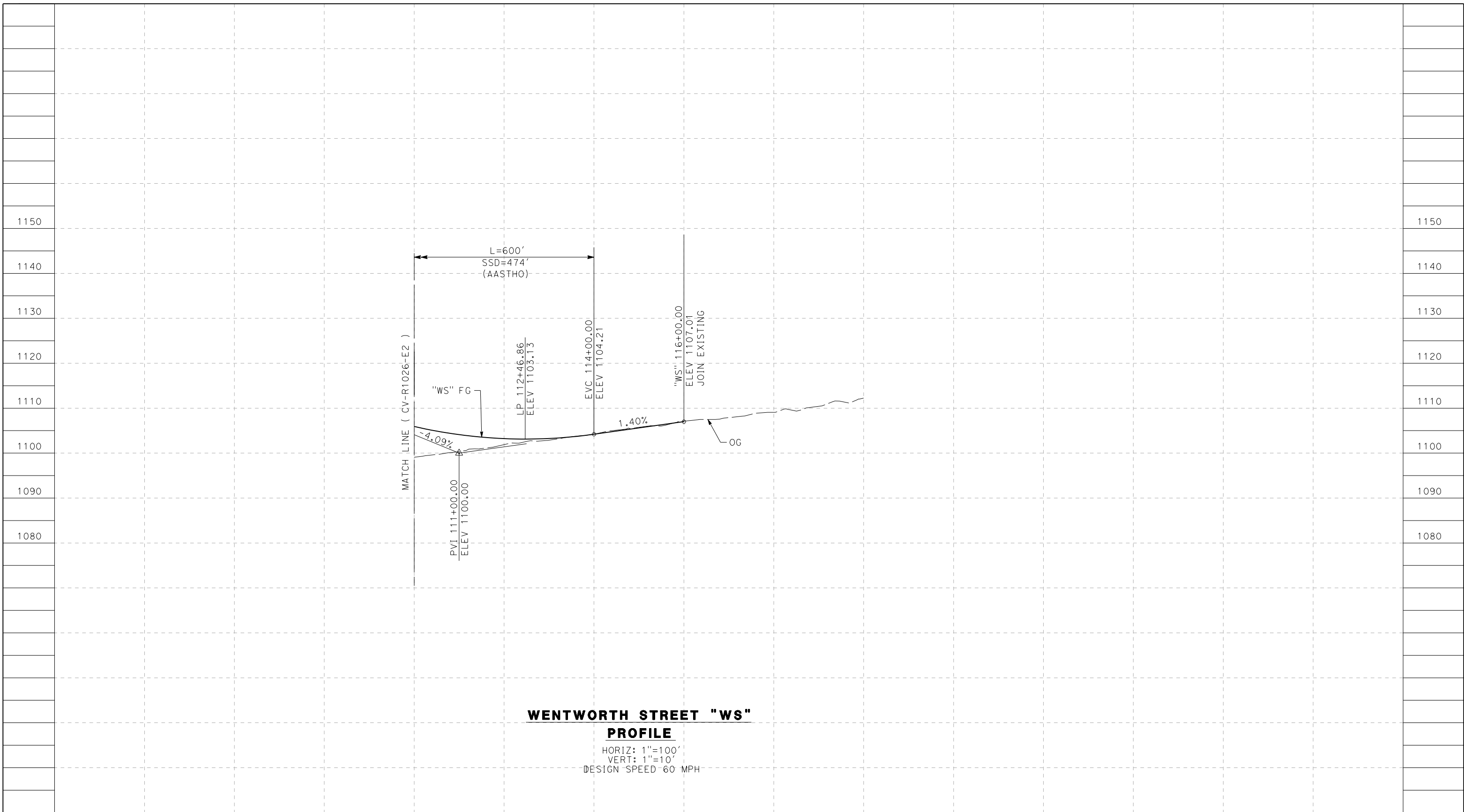
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HSR14-42
 DRAWING NO.
CV-R1026-E2
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



**WENTWORTH STREET "WS"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION	110+00	112+00	114+00	116+00	118+00	120+00	114+00	TOTAL
CY	Exc							
	Emb							

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



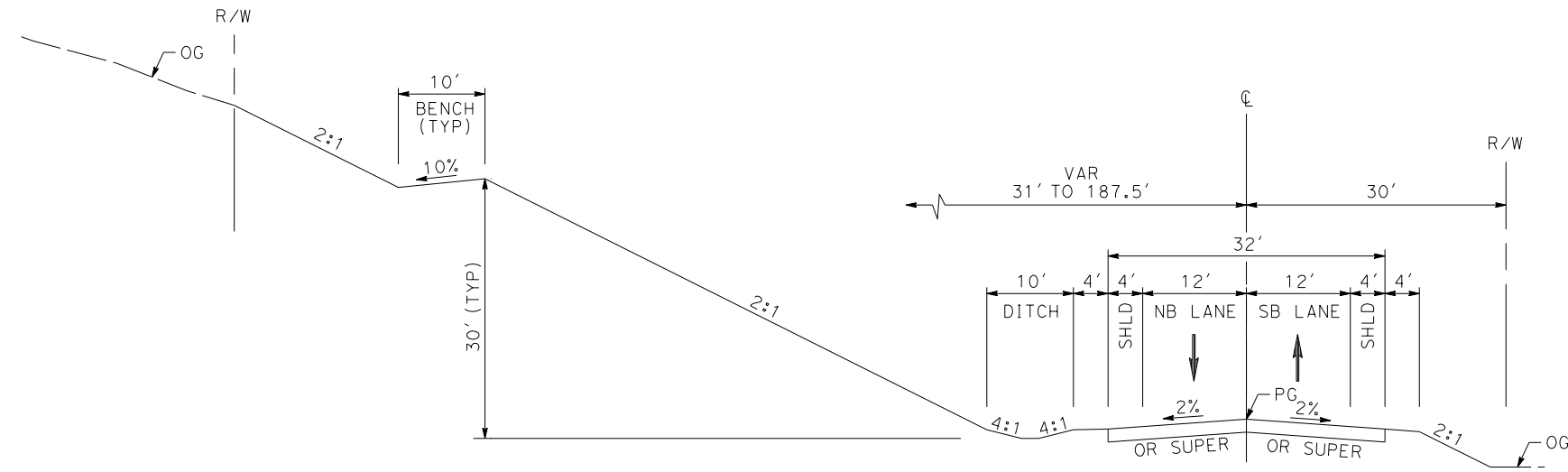
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
WENTWORTH STREET
SHEET 3 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1027-E2
SCALE
AS SHOWN
SHEET NO.

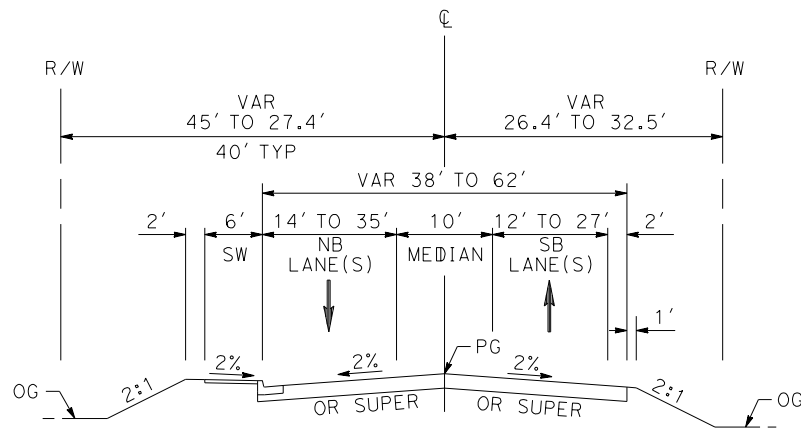
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cordo



SIERRA HIGHWAY
 STA 728+50 TO 775+12
 MAJOR ARTERIAL (B1)
 PER CITY OF PALMDALE GENERAL PLAN



SIERRA HIGHWAY
 STA 708+63 TO STA 728+50
 MAJOR ARTERIAL (B1)
 PER CITY OF PALMDALE GENERAL PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION



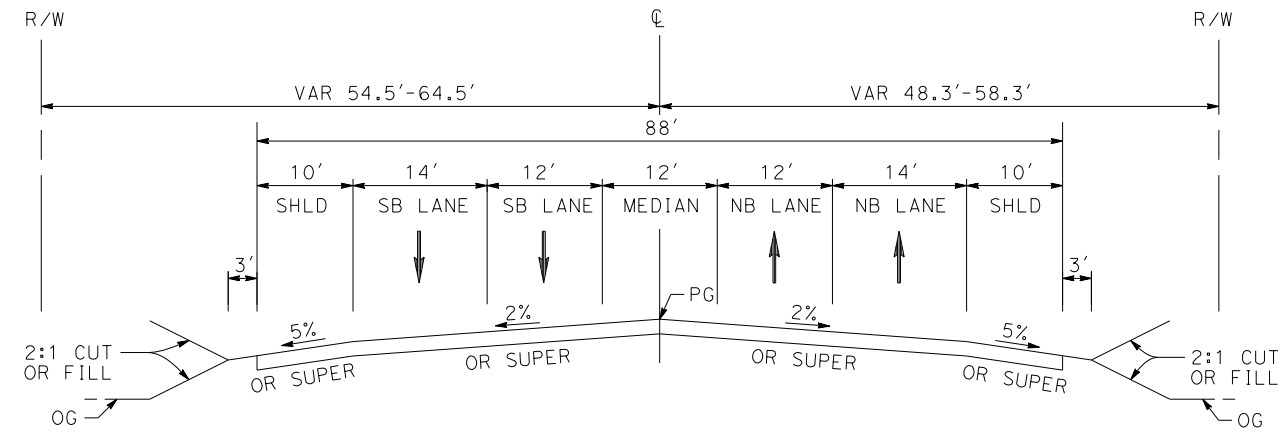
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 SIERRA HIGHWAY
 SHEET 1 OF 2

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-R3001-E2
 SCALE
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 SHEET NO.

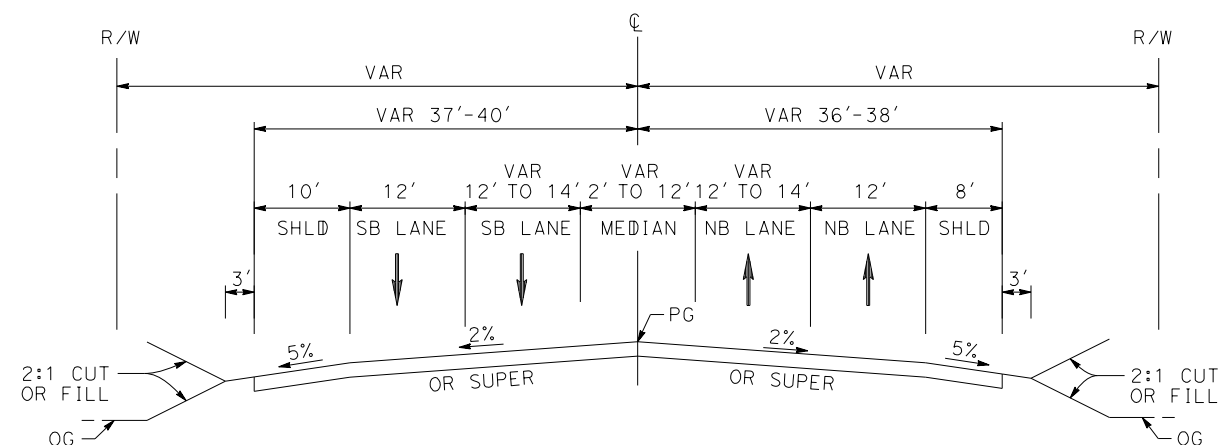
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4/29/2021 8:59:48 PM

cordo



SIERRA HIGHWAY
 STA 8+00 TO STA 34+50
 MAJOR HIGHWAY
 PER LOS ANGELES COUNTY
 MASTER PLAN OF HIGHWAYS

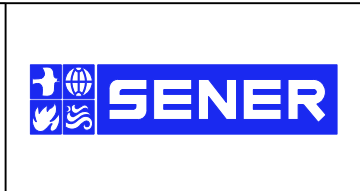


SIERRA HIGHWAY
 STA 4+27 TO STA 8+00
 MAJOR HIGHWAY
 PER LOS ANGELES COUNTY
 MASTER PLAN OF HIGHWAYS

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



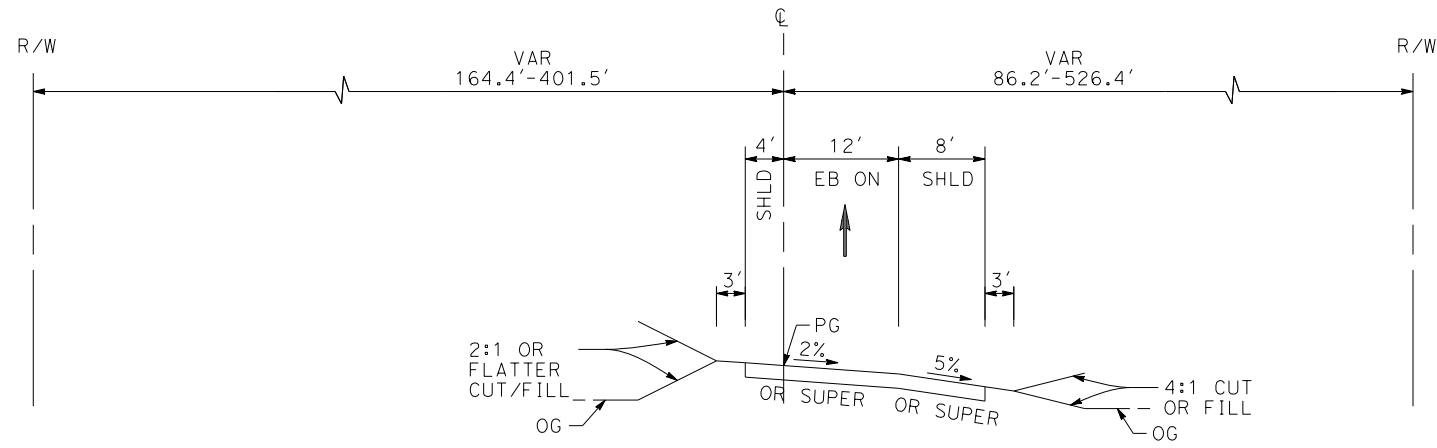
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 SIERRA HIGHWAY
 SHEET 2 OF 2

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-R3002-E2
 SCALE
 NO SCALE
 SHEET NO.

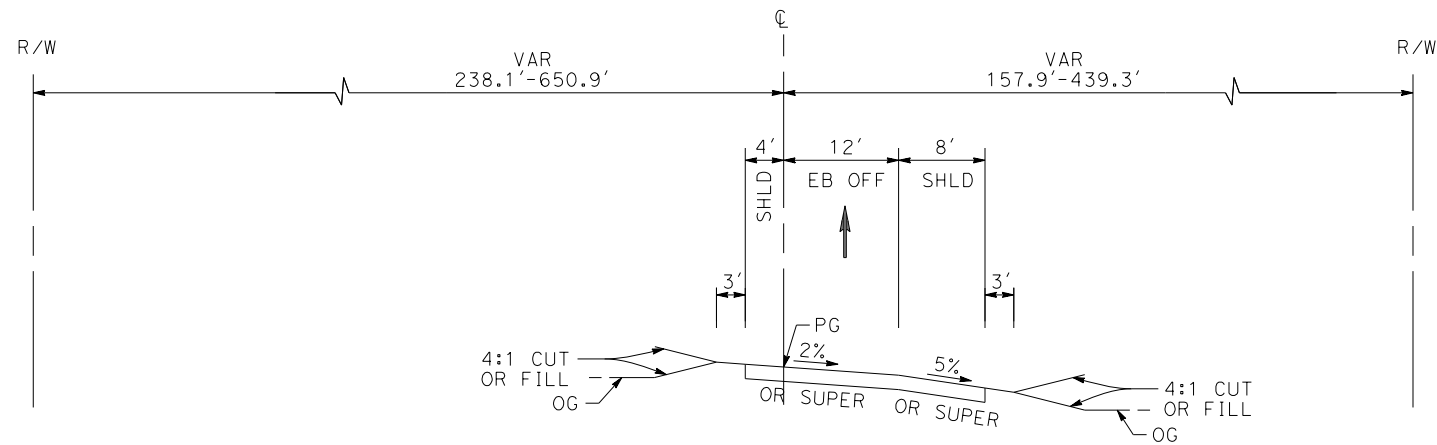
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cordo



ROUTE 14 EB ON-RAMP
STA 109+30 TO STA 122+25



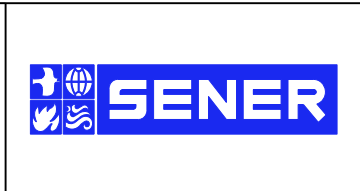
ROUTE 14 EB OFF-RAMP
STA 90+40 TO STA 108+68

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



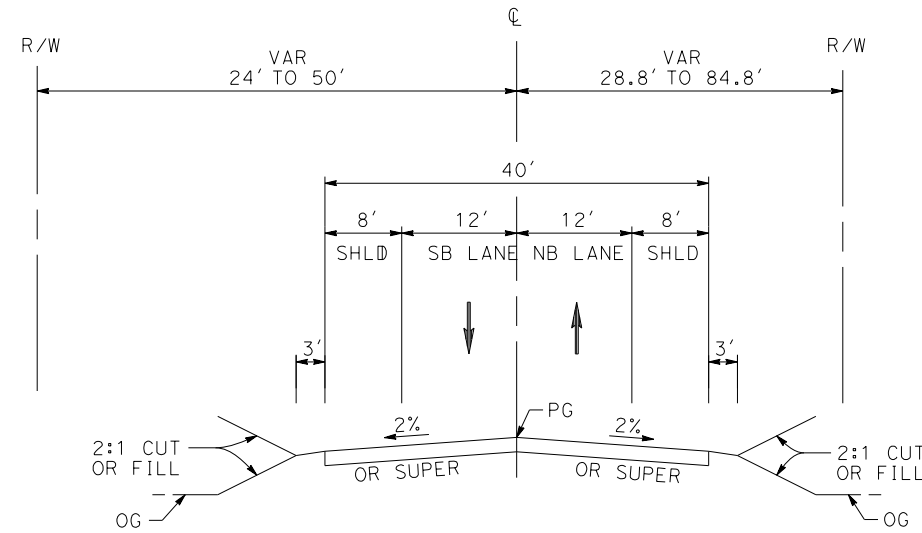
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
TYPICAL SECTIONS
ROUTE 14 EB ON-RAMP AND ROUTE 14 EB OFF-RAMP

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R3003-E2
SCALE
NO SCALE
SHEET NO.

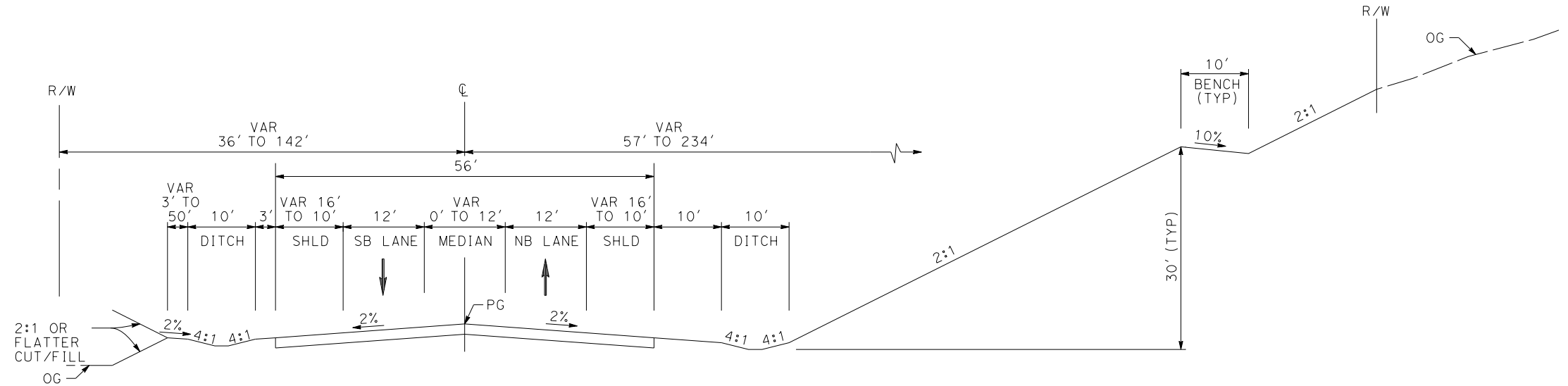
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cordo



SIERRA HIGHWAY
 STA 86+80 TO STA 114+66
 MAJOR HIGHWAY
 PER LOS ANGELES COUNTY
 MASTER PLAN OF HIGHWAYS



ANGELES FOREST HIGHWAY
 STA 1+33 TO STA 48+86
 MAJOR HIGHWAY
 PER LOS ANGELES COUNTY
 MASTER PLAN OF HIGHWAYS

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



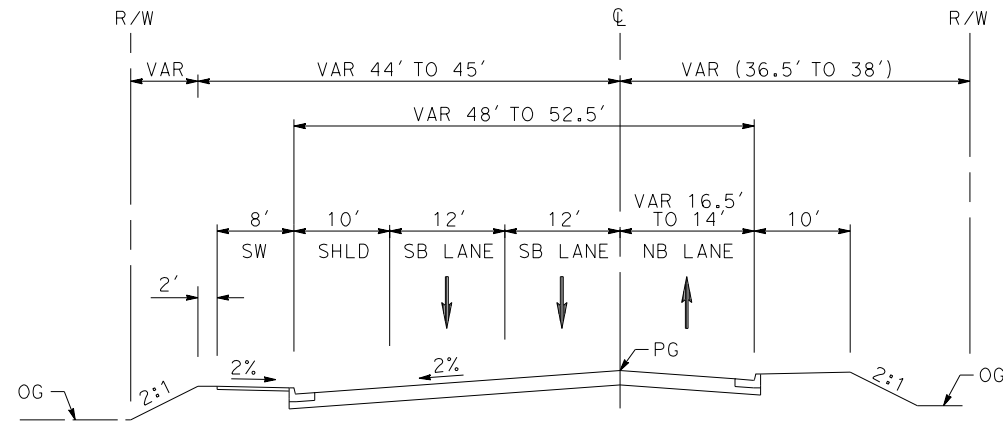
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 SIERRA HIGHWAY AND ANGELES FOREST HIGHWAY

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-R3004-E2
 SCALE
 NO SCALE
 SHEET NO.

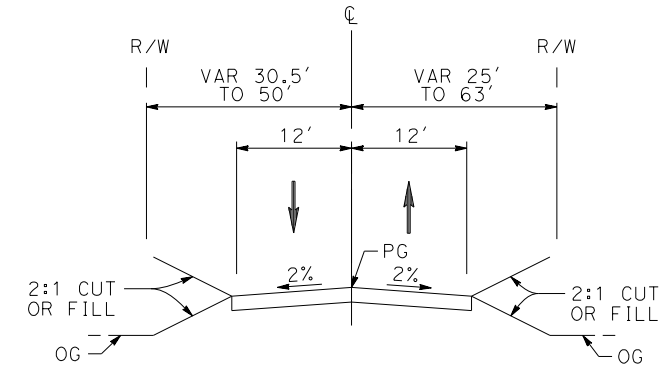
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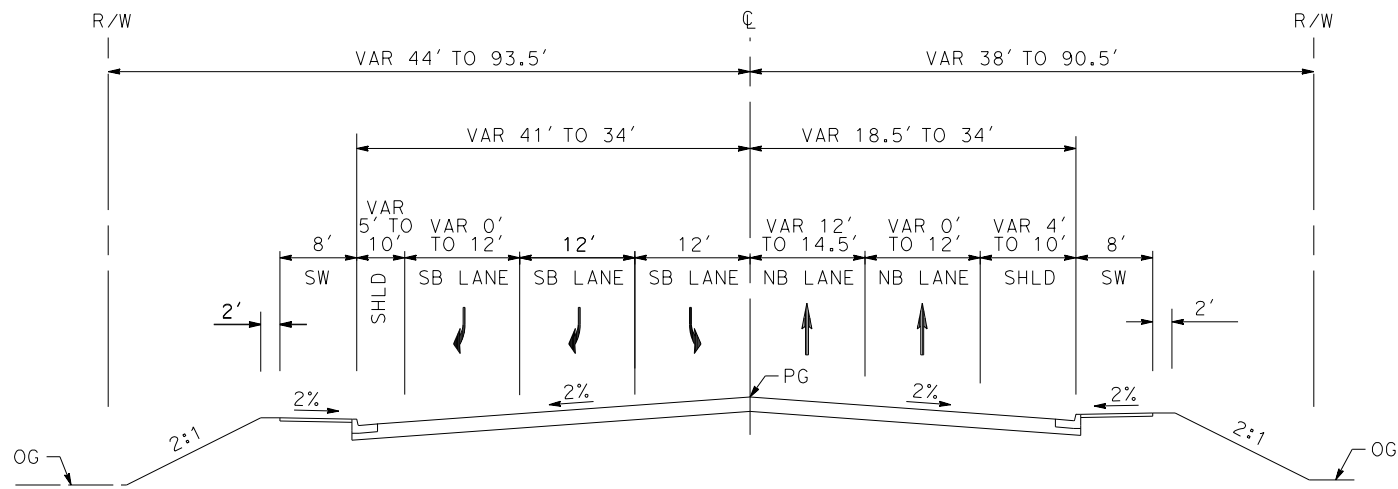
cordo



EAST TENTH STREET
 STA 22+71 TO STA 32+38
 SECONDARY ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



WATER TREATMENT PLANT ACCESS RD 2
 STA 0+00 TO STA 8+00



EAST TENTH STREET
 STA 10+49 TO STA 22+71
 SECONDARY ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



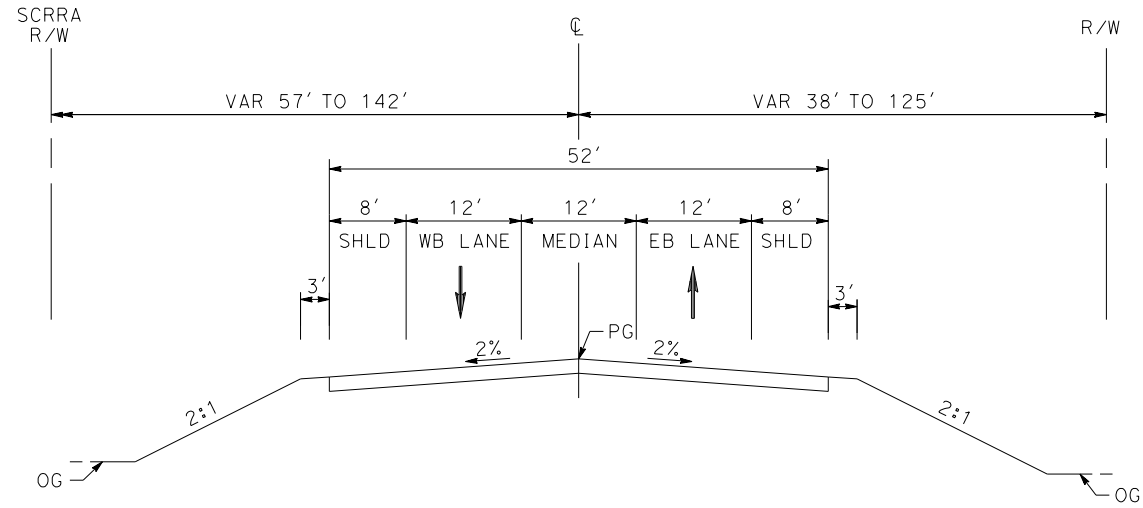
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 EAST TENTH STREET
 AND WATER TREATMENT PLANT ACCESS RD 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R3005-E2
 SCALE
NO SCALE
 SHEET NO.

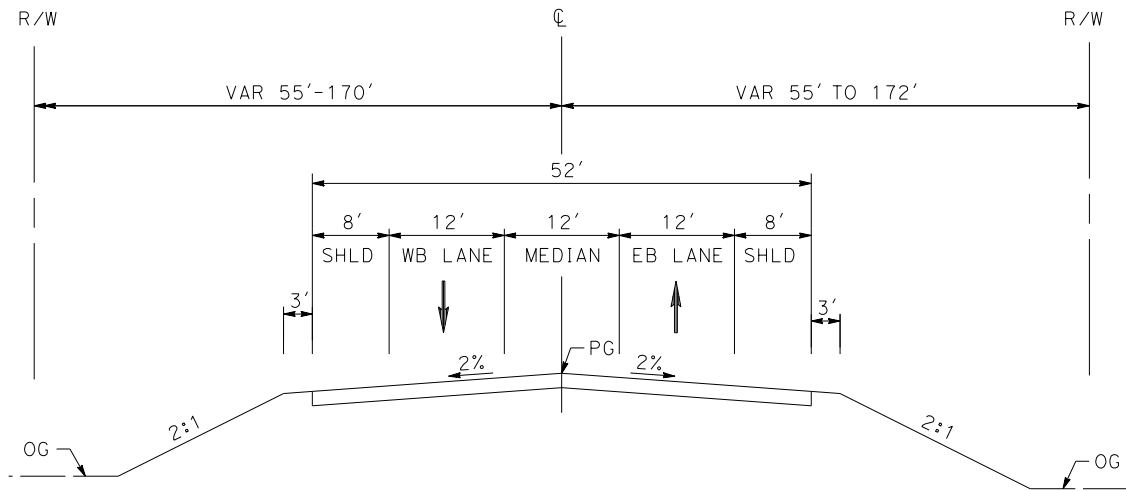
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cordo



W CARSON MESA ROAD
 STA 8+50 TO STA 20+00
 LOCAL ROADWAY
 PER LOS ANGELES COUNTY MUNICIPAL CODE
 CHAPTER 21 PARTS 2 AND 3



W MOUNTAIN SPRINGS ROAD
 STA 85+88 TO STA 98+94
 COLLECTOR STREET
 PER LOS ANGELES COUNTY MUNICIPAL CODE
 CHAPTER 21 PARTS 2 AND 3

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



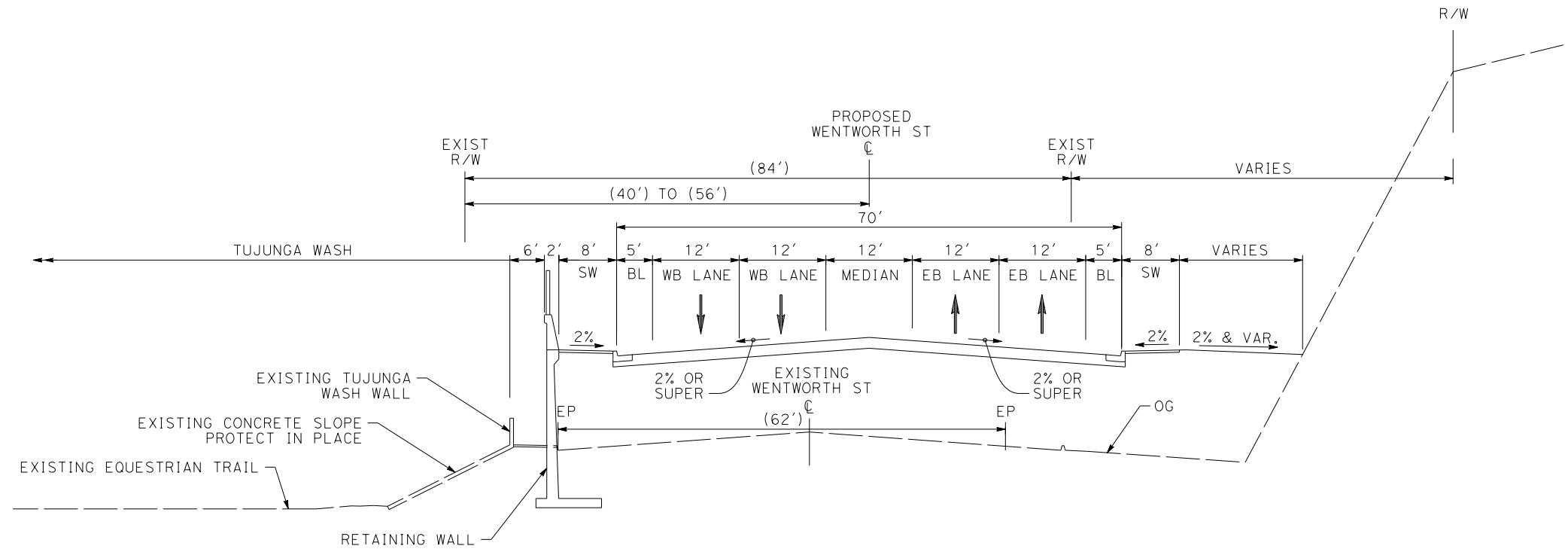
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 MOUNTAIN SPRINGS ROAD AND W CARSON MESA ROAD

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R3006-E2
 SCALE
NO SCALE
 SHEET NO.

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cordo



WENTWORTH STREET
 STA 80+00.00 TO STA 91+25.50
 AVENUE II (SECONDARY HIGHWAY)
 PER CITY OF LOS ANGELES GENERAL PLAN 2035

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION



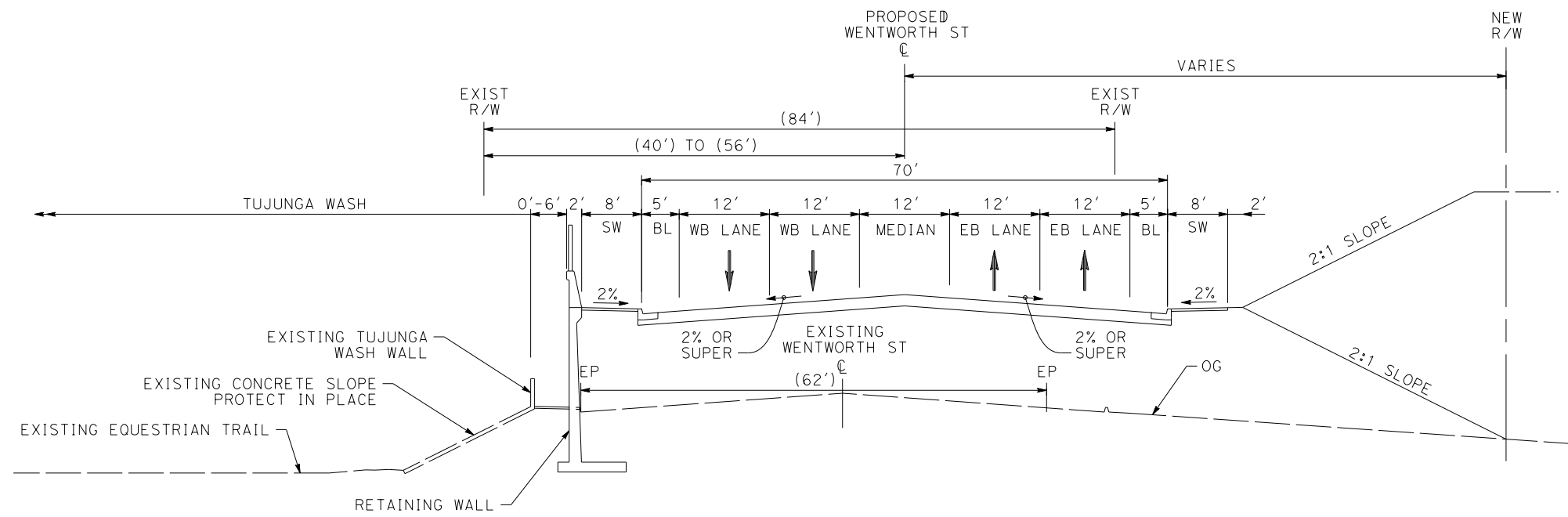
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 WENTWORTH STREET
 SHEET 1 OF 2

CONTRACT NO. HSR14-42
DRAWING NO. CV-R3007-E2
SCALE NO SCALE
SHEET NO.

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4/29/2021 9:13:10 PM

cordo



WENTWORTH STREET
 STA 105+80.50 TO STA 116+00.00
 AVENUE II (SECONDARY HIGHWAY)
 PER CITY OF LOS ANGELES GENERAL PLAN 2035

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



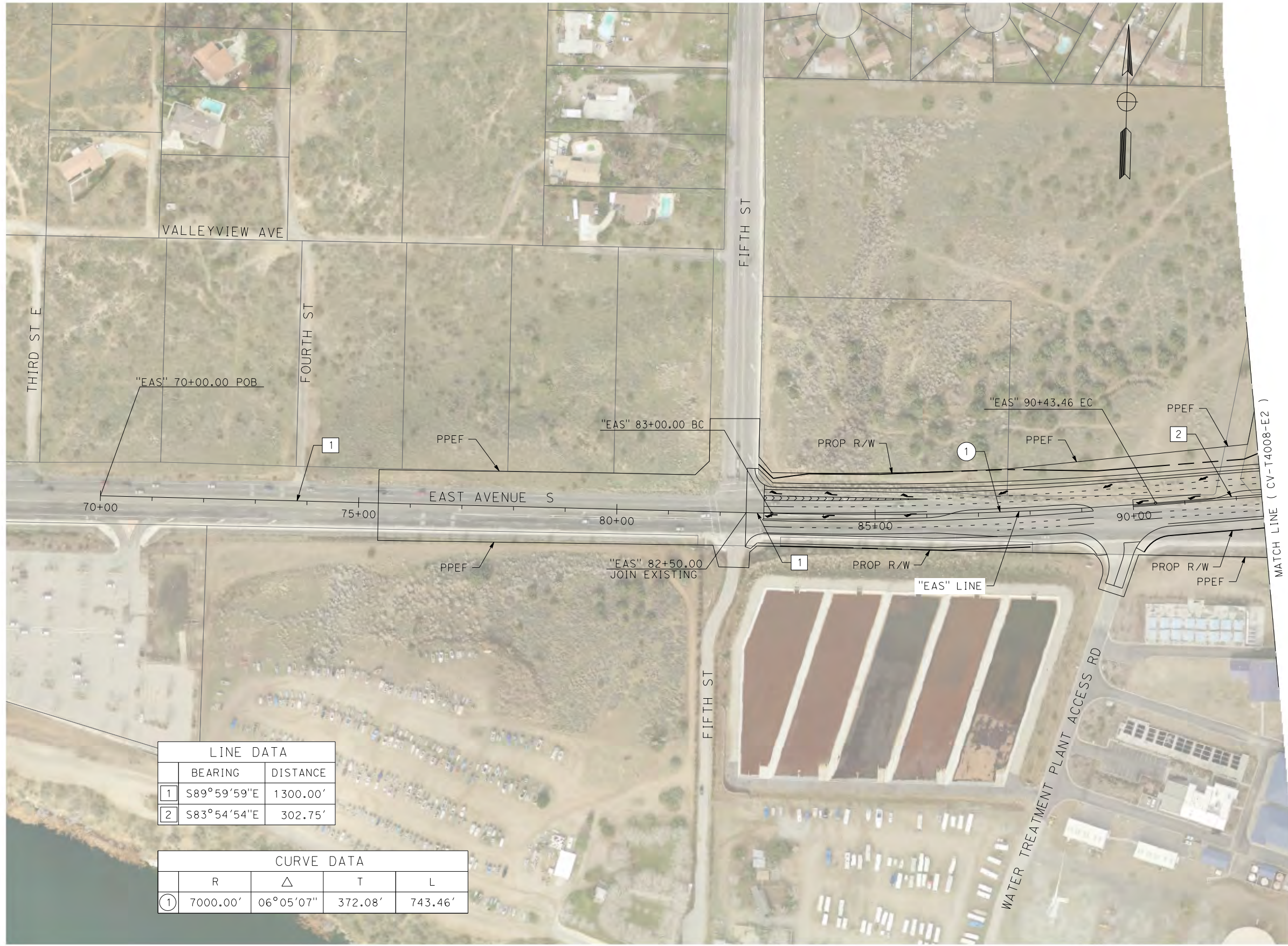
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 WENTWORTH STREET
 SHEET 2 OF 2

CONTRACT NO. HSR14-42
DRAWING NO. CV-R3008-E2
SCALE NO SCALE
SHEET NO.

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5/11/2021 10:19:47 PM

cordo



LINE DATA		
	BEARING	DISTANCE
1	S89°59'59"E	1300.00'
2	S83°54'54"E	302.75'

CURVE DATA				
	R	Δ	T	L
1	7000.00'	06°05'07"	372.08'	743.46'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



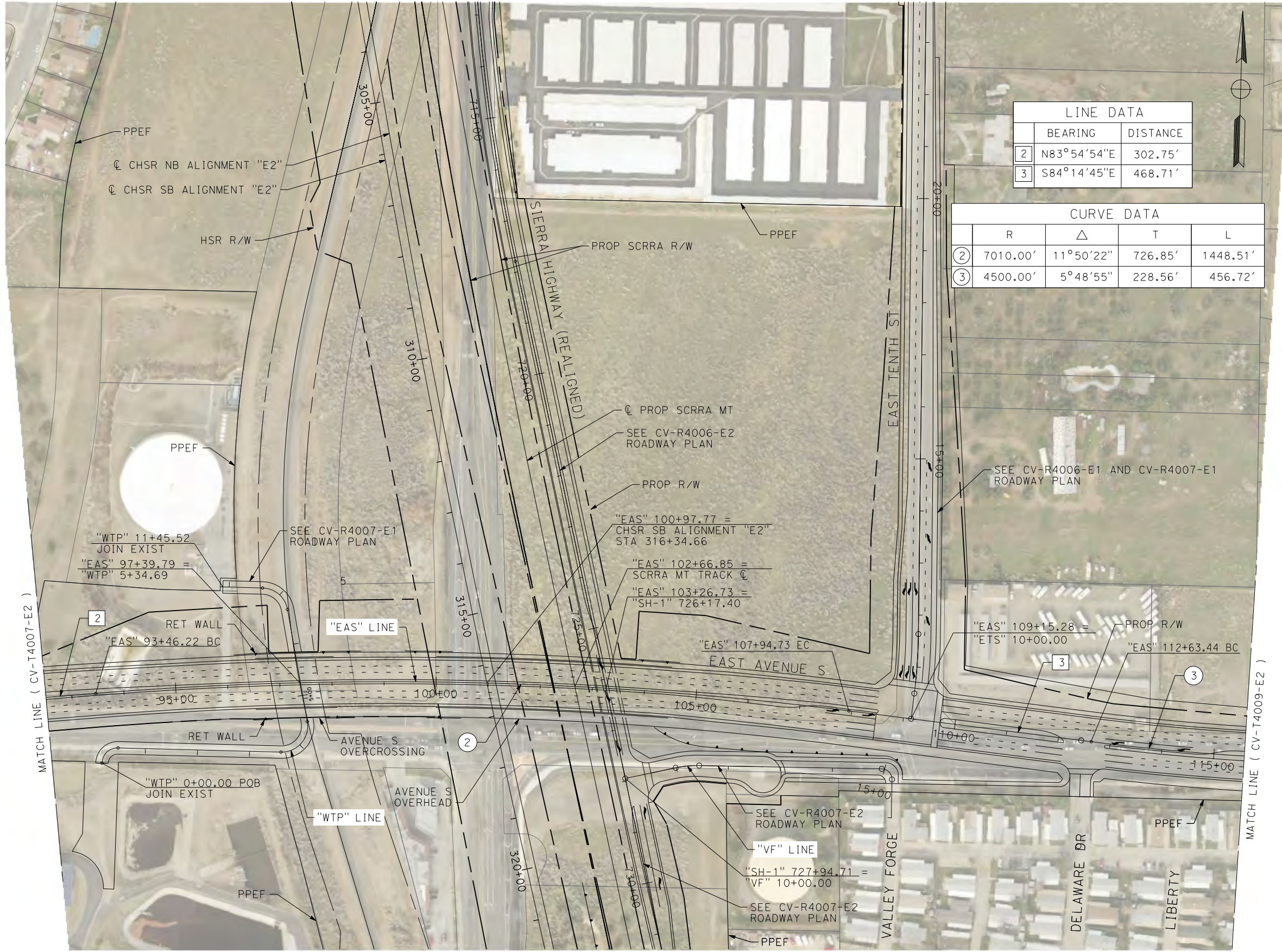
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 1 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4007-E2
SCALE
AS SHOWN
SHEET NO.

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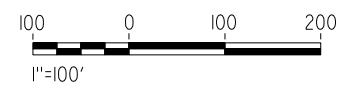
5/11/2021 10:38:48 PM

cordo



LINE DATA		
	BEARING	DISTANCE
2	N83°54'54"E	302.75'
3	S84°14'45"E	468.71'

CURVE DATA				
	R	Δ	T	L
2	7010.00'	11°50'22"	726.85'	1448.51'
3	4500.00'	5°48'55"	228.56'	456.72'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 2 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4008-E2
SCALE
AS SHOWN
SHEET NO.

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4/29/2021 9:56:33 PM

cordo



MATCH LINE (CV-T4008-E2)

PPEF

"EAS" LINE

"EAS" 117+20.16 EC

"EAS" 117+80.00 JOIN EXIST

PPEF

LINE DATA	
BEARING	DISTANCE
⑦ N89°56'21"E	747.04'

CURVE DATA				
	R	Δ	T	L
③	4500.00'	5°48'55"	228.56'	456.72'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA

DRAWN BY
A. SANZ

CHECKED BY
W. GUO

IN CHARGE
A. RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK

ALIGNMENT "E2"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 3 OF 3

CONTRACT NO.
HSR14-42

DRAWING NO.
CV-T4009-E2

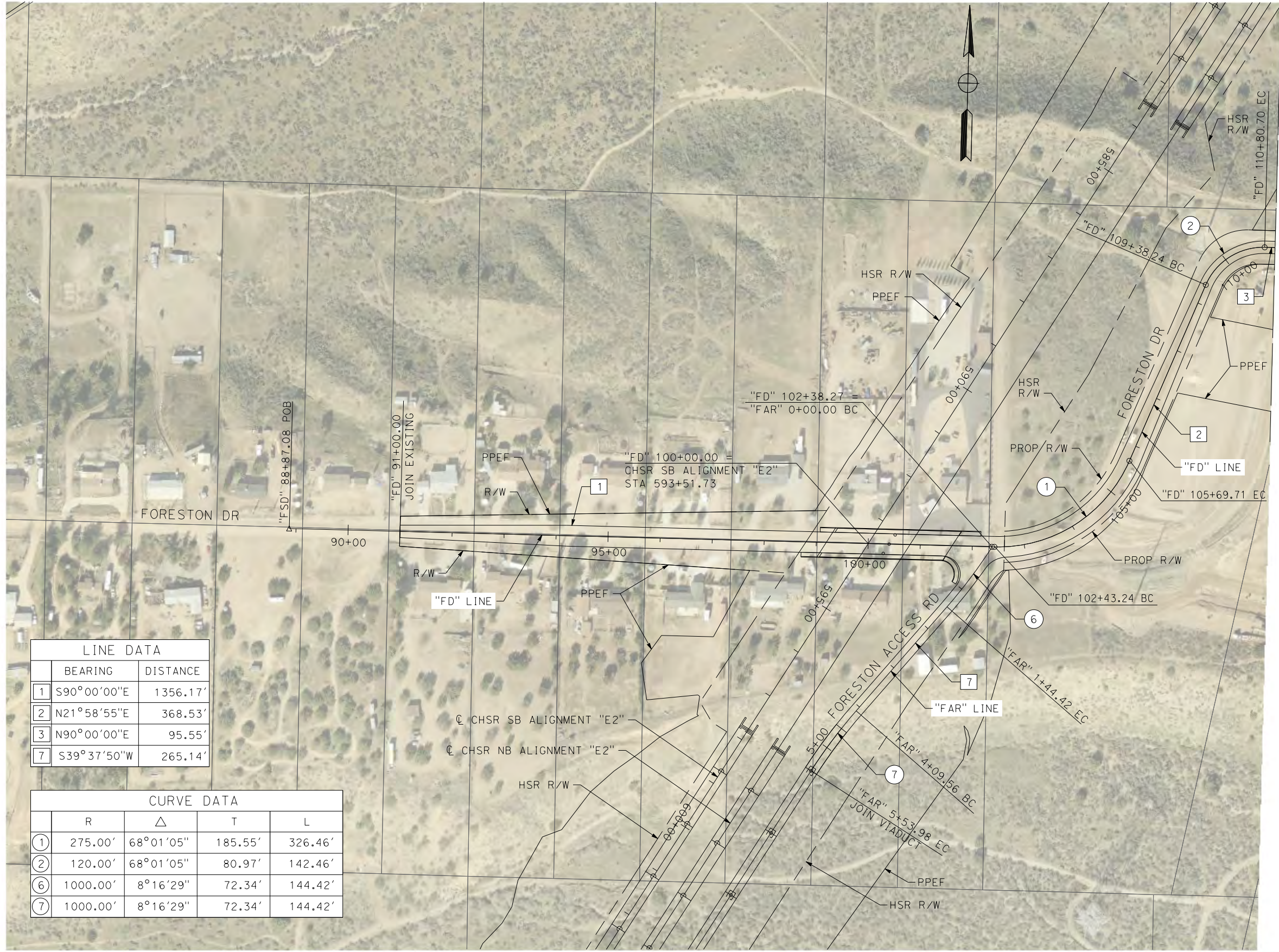
SCALE
AS SHOWN

SHEET NO.

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5/24/2021 4:55:57 PM

cordo



LINE DATA		
	BEARING	DISTANCE
1	S90°00'00"E	1356.17'
2	N21°58'55"E	368.53'
3	N90°00'00"E	95.55'
7	S39°37'50"W	265.14'

CURVE DATA				
	R	Δ	T	L
1	275.00'	68°01'05"	185.55'	326.46'
2	120.00'	68°01'05"	80.97'	142.46'
6	1000.00'	8°16'29"	72.34'	144.42'
7	1000.00'	8°16'29"	72.34'	144.42'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



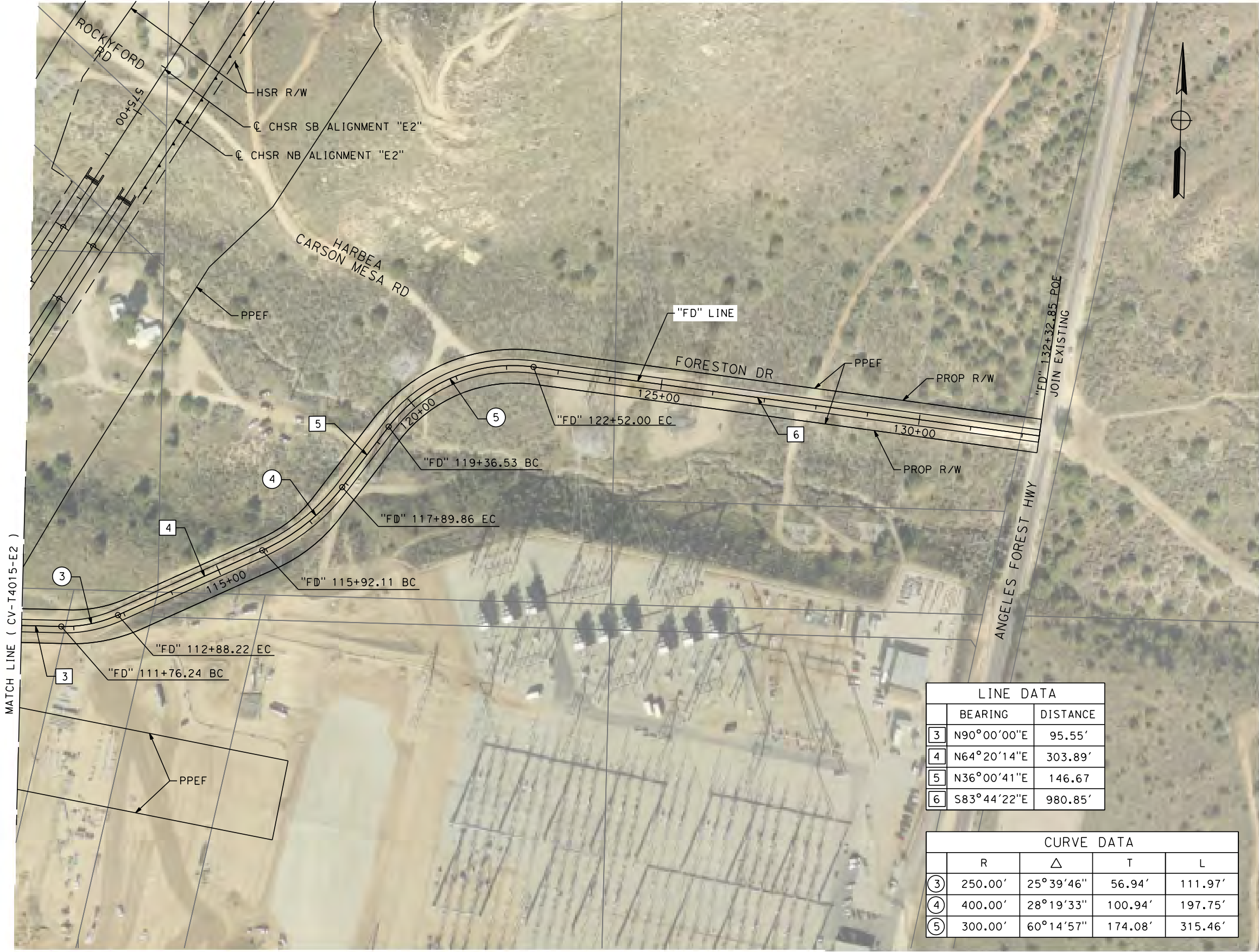
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
GRADE SEPARATION PLAN
FORESTON DRIVE AND FORESTON ACCESS ROAD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4015-E2
SCALE
AS SHOWN
SHEET NO.

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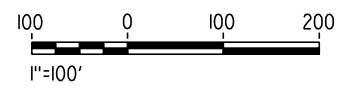
7/22/2021 12:48:55 AM

cordo



LINE DATA	
BEARING	DISTANCE
③ N90°00'00"E	95.55'
④ N64°20'14"E	303.89'
⑤ N36°00'41"E	146.67'
⑥ S83°44'22"E	980.85'

CURVE DATA				
	R	Δ	T	L
③	250.00'	25°39'46"	56.94'	111.97'
④	400.00'	28°19'33"	100.94'	197.75'
⑤	300.00'	60°14'57"	174.08'	315.46'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



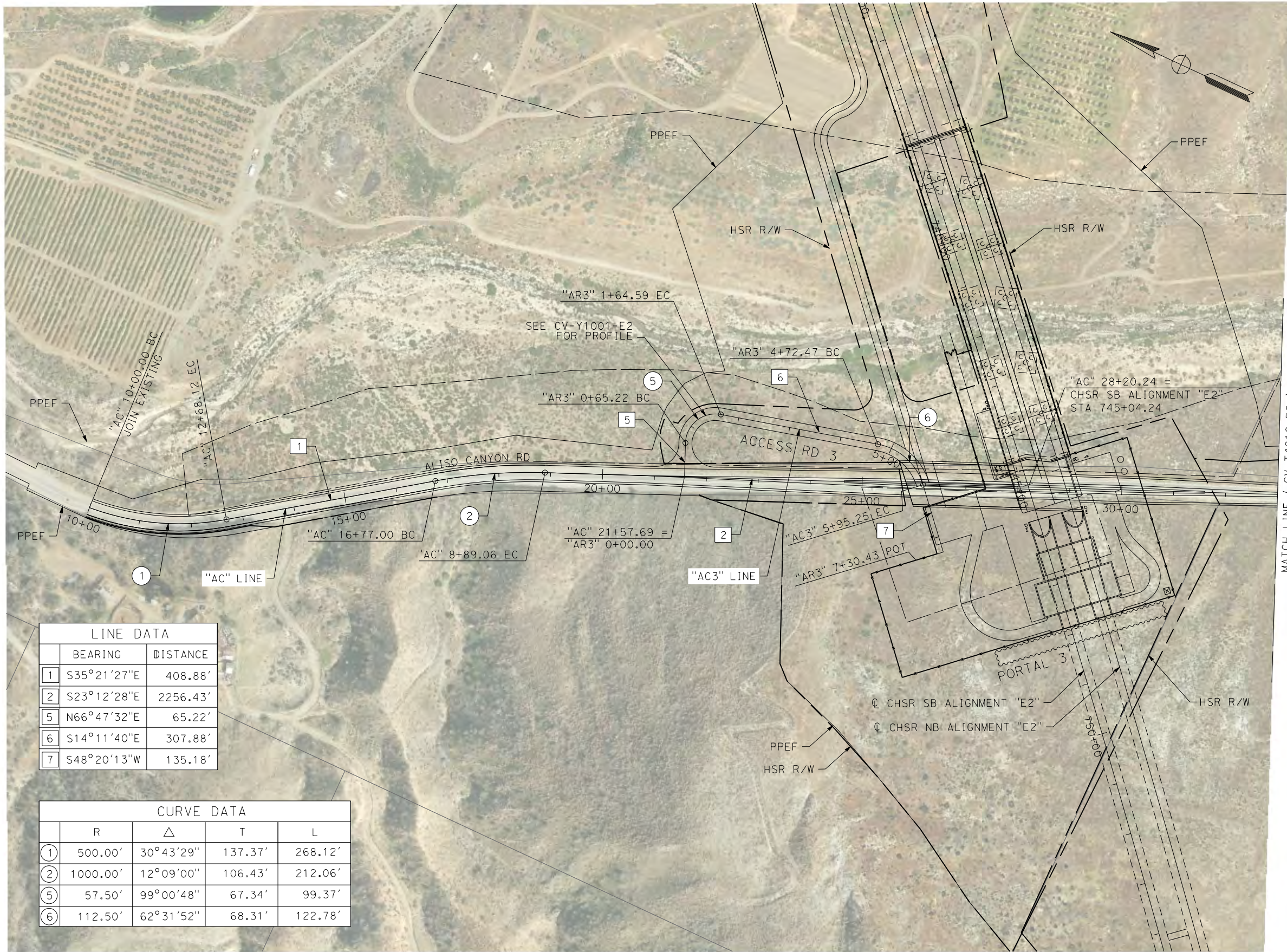
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
GRADE SEPARATION PLAN
FORESTON DRIVE

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4016-E2
SCALE
AS SHOWN
SHEET NO.

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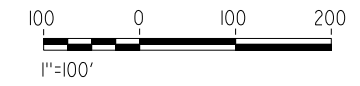
cordo



MATCH LINE (CV-T4018-E2)

LINE DATA		
	BEARING	DISTANCE
1	S35°21'27"E	408.88'
2	S23°12'28"E	2256.43'
5	N66°47'32"E	65.22'
6	S14°11'40"E	307.88'
7	S48°20'13"W	135.18'

CURVE DATA				
	R	Δ	T	L
1	500.00'	30°43'29"	137.37'	268.12'
2	1000.00'	12°09'00"	106.43'	212.06'
5	57.50'	99°00'48"	67.34'	99.37'
6	112.50'	62°31'52"	68.31'	122.78'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



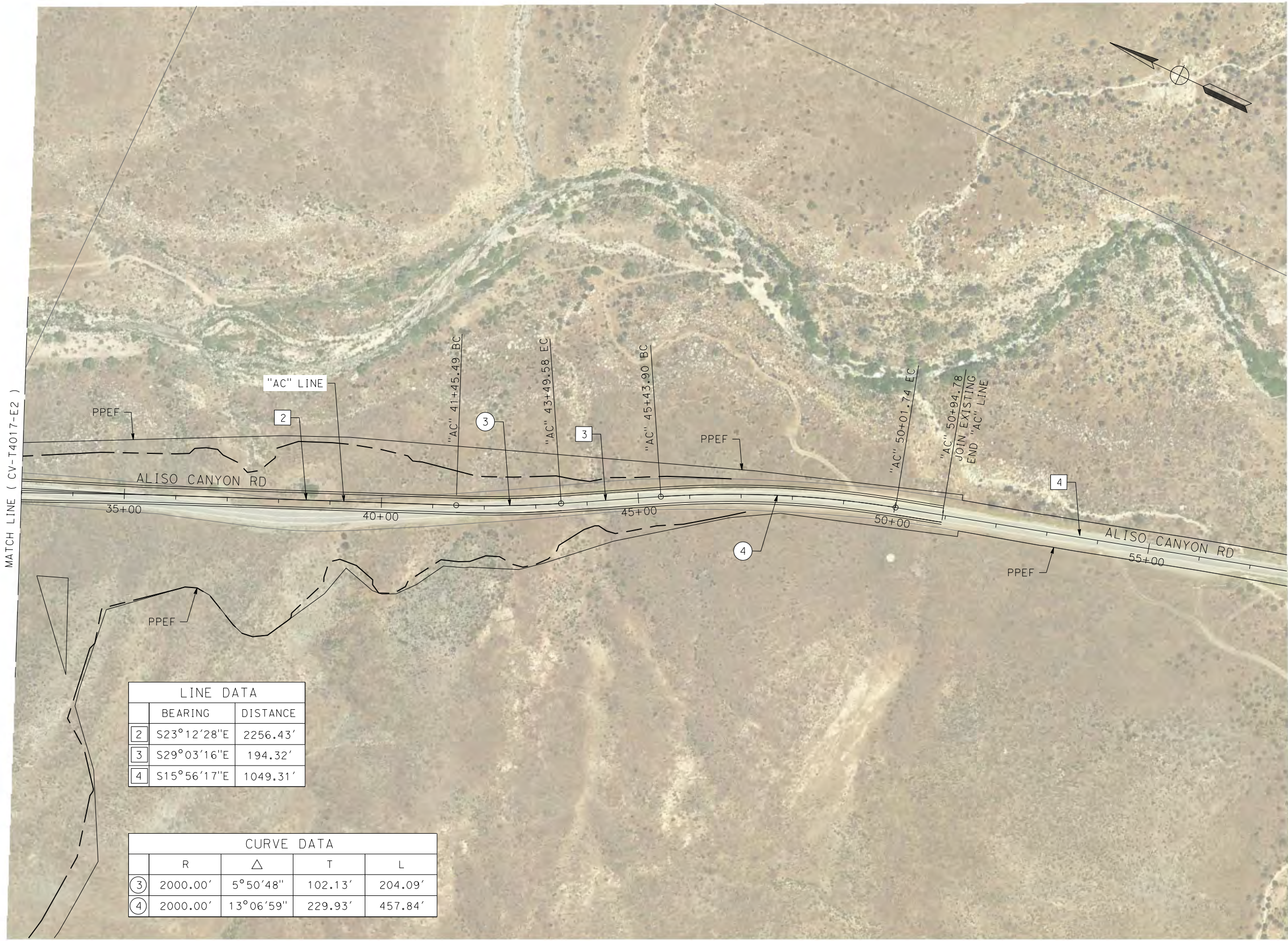
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
ALISO CANYON ROAD AND ACCESS ROAD 3
SHEET 1 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4017-E2
SCALE
AS SHOWN
SHEET NO.

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5/27/2021 5:33:56 PM

cordo



LINE DATA		
	BEARING	DISTANCE
2	S23°12'28"E	2256.43'
3	S29°03'16"E	194.32'
4	S15°56'17"E	1049.31'

CURVE DATA				
	R	Δ	T	L
3	2000.00'	5°50'48"	102.13'	204.09'
4	2000.00'	13°06'59"	229.93'	457.84'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



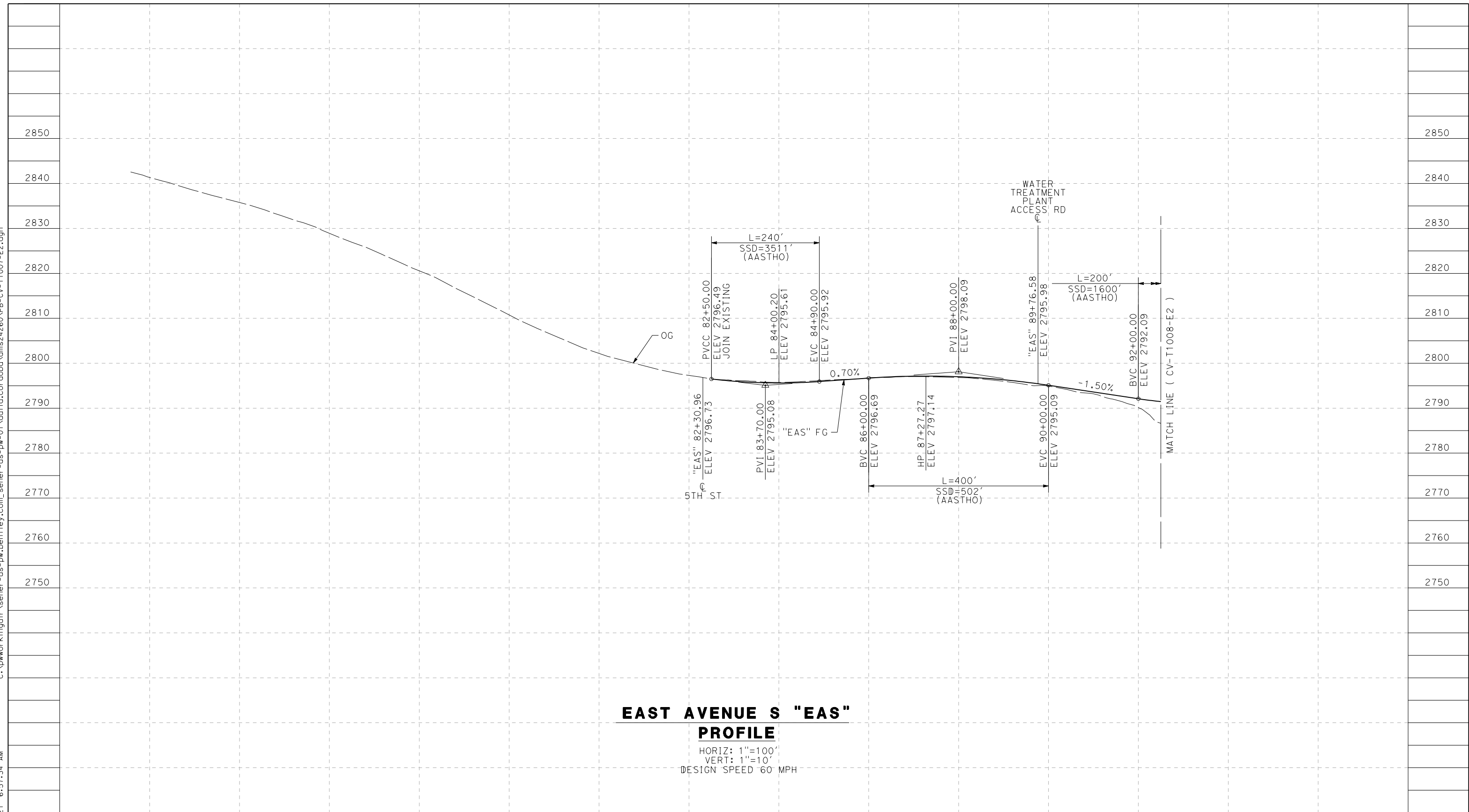
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
ALISO CANYON ROAD
SHEET 2 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4018-E2
SCALE
AS SHOWN
SHEET NO.

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5/24/2021 6:57:34 AM

cordo



EAST AVENUE S "EAS" PROFILE

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION	72+00	74+00	76+00	78+00	80+00	82+00	84+00	86+00	88+00	90+00	92+00	94+00	96+00	TOTAL
CY	Exc													
	Emb													

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



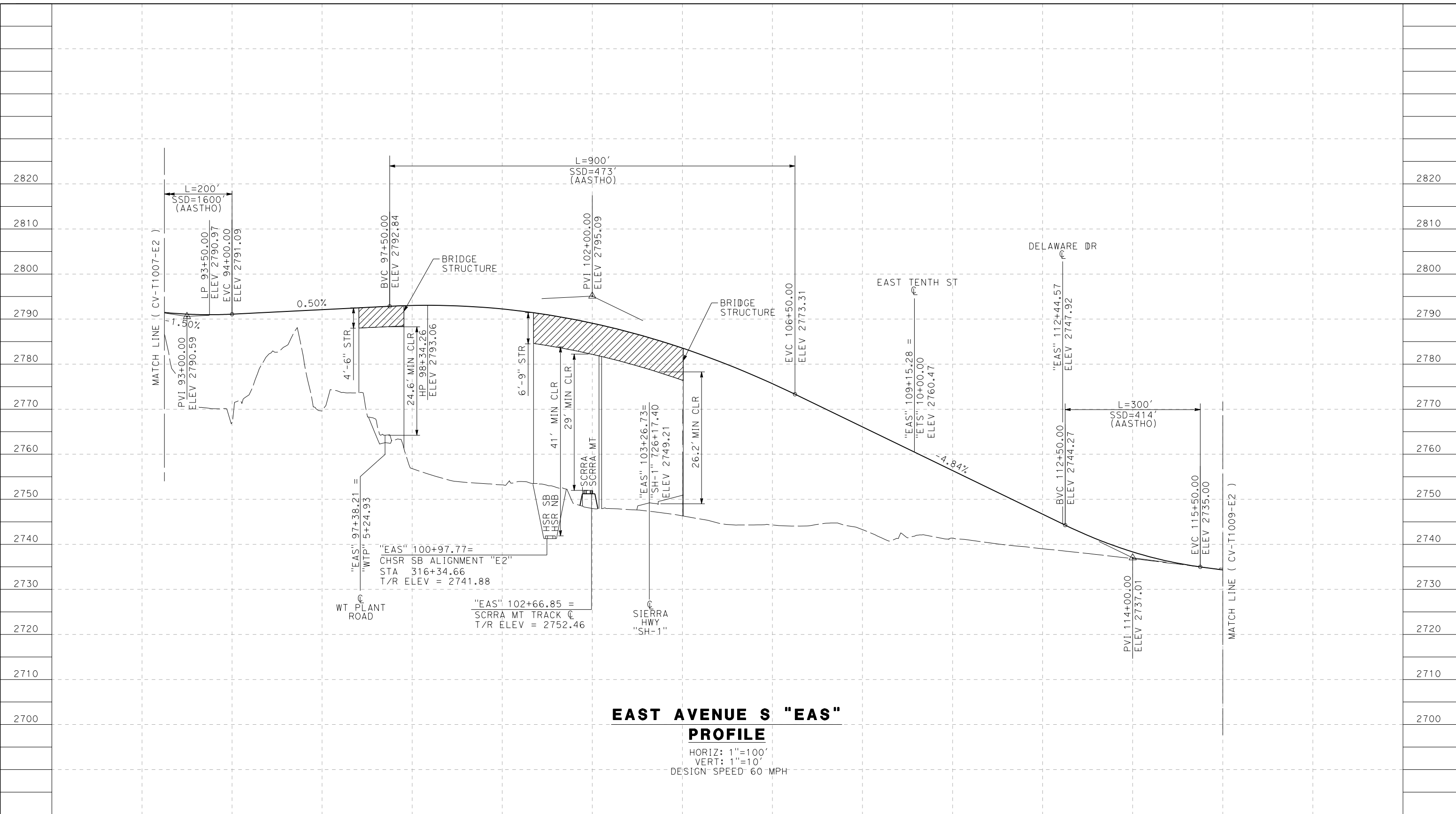
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
GRADE SEPARATION PROFILE
EAST AVENUE S
SHEET 1 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T1007-E2
SCALE
AS SHOWN
SHEET NO.

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5/27/2021 6:21:45 PM

cordo



**EAST AVENUE S "EAS"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 60 MPH

STATION	92+00	94+00	96+00	98+00	100+00	102+00	104+00	106+00	108+00	110+00	112+00	114+00	116+00	118+00	2690	TOTAL
Exc																
Emb																

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



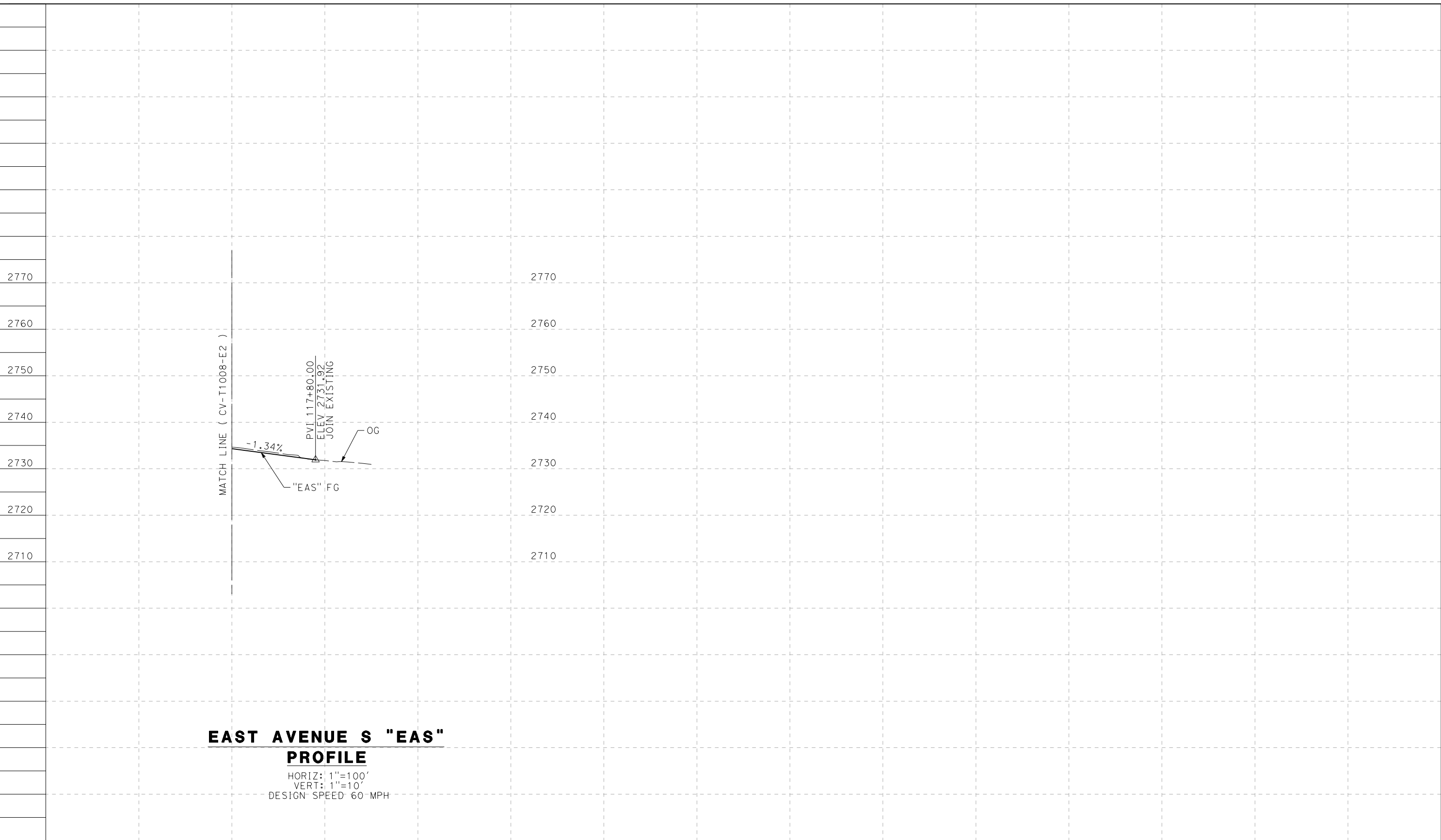
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
GRADE SEPARATION PROFILE
EAST AVENUE S
SHEET 2 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T1008-E2
SCALE
AS SHOWN
SHEET NO.

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5/24/2021 7:03:21 AM

cordo



EAST AVENUE S "EAS" PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 60 MPH

STATION	116+00	118+00	TOTAL
CY	Exc		
	Emb		

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE

**PEPD RECORD SET
 REV 02**
**NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 GRADE SEPARATION PROFILE
 EAST AVENUE S
 SHEET 3 OF 3

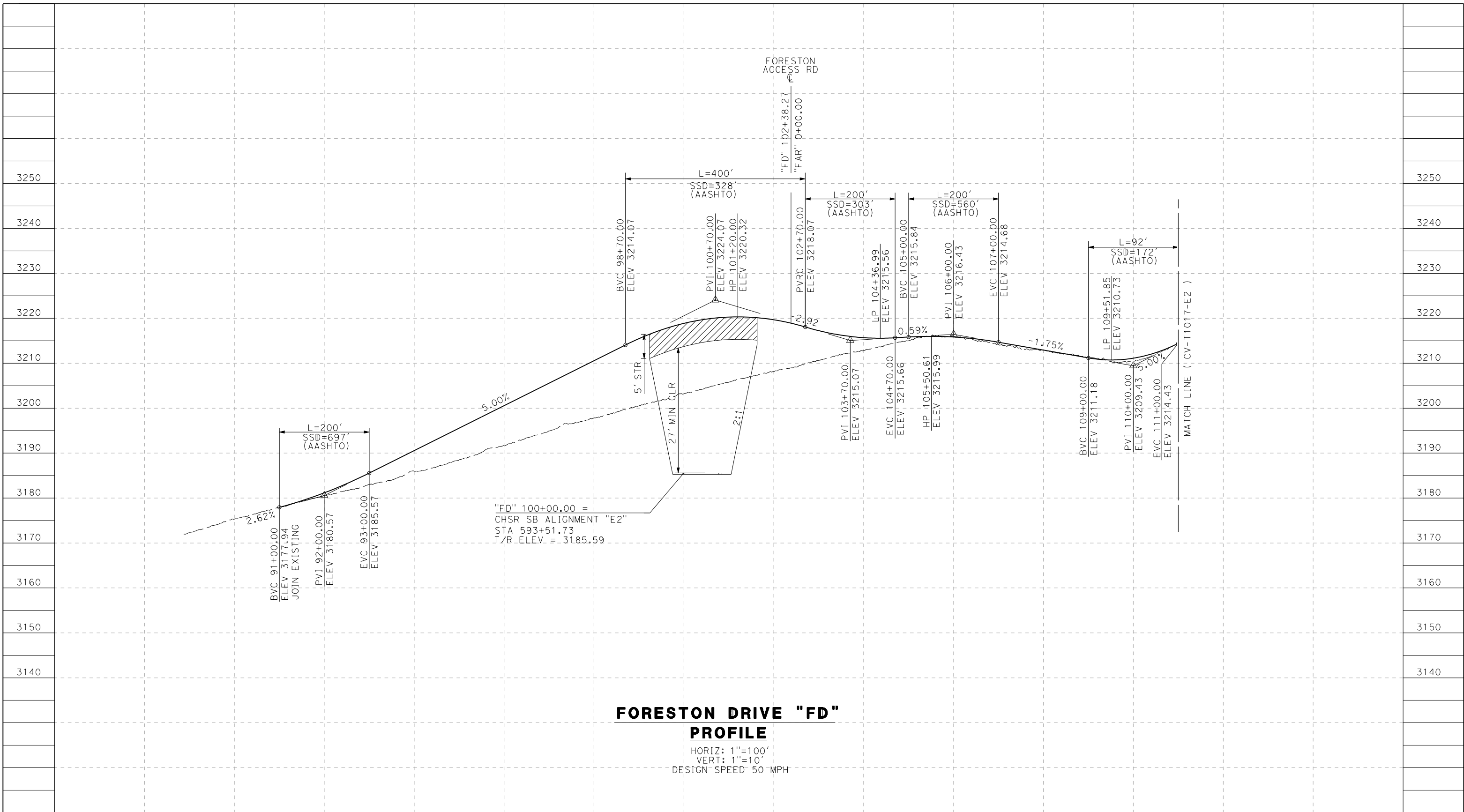
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CV-T1009-E2
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



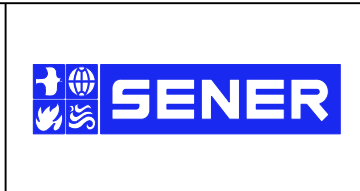
STATION	88+00	90+00	92+00	94+00	96+00	98+00	100+00	102+00	104+00	106+00	108+00	110+00	112+00	TOTAL
CY	Exc													
	Emb													

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



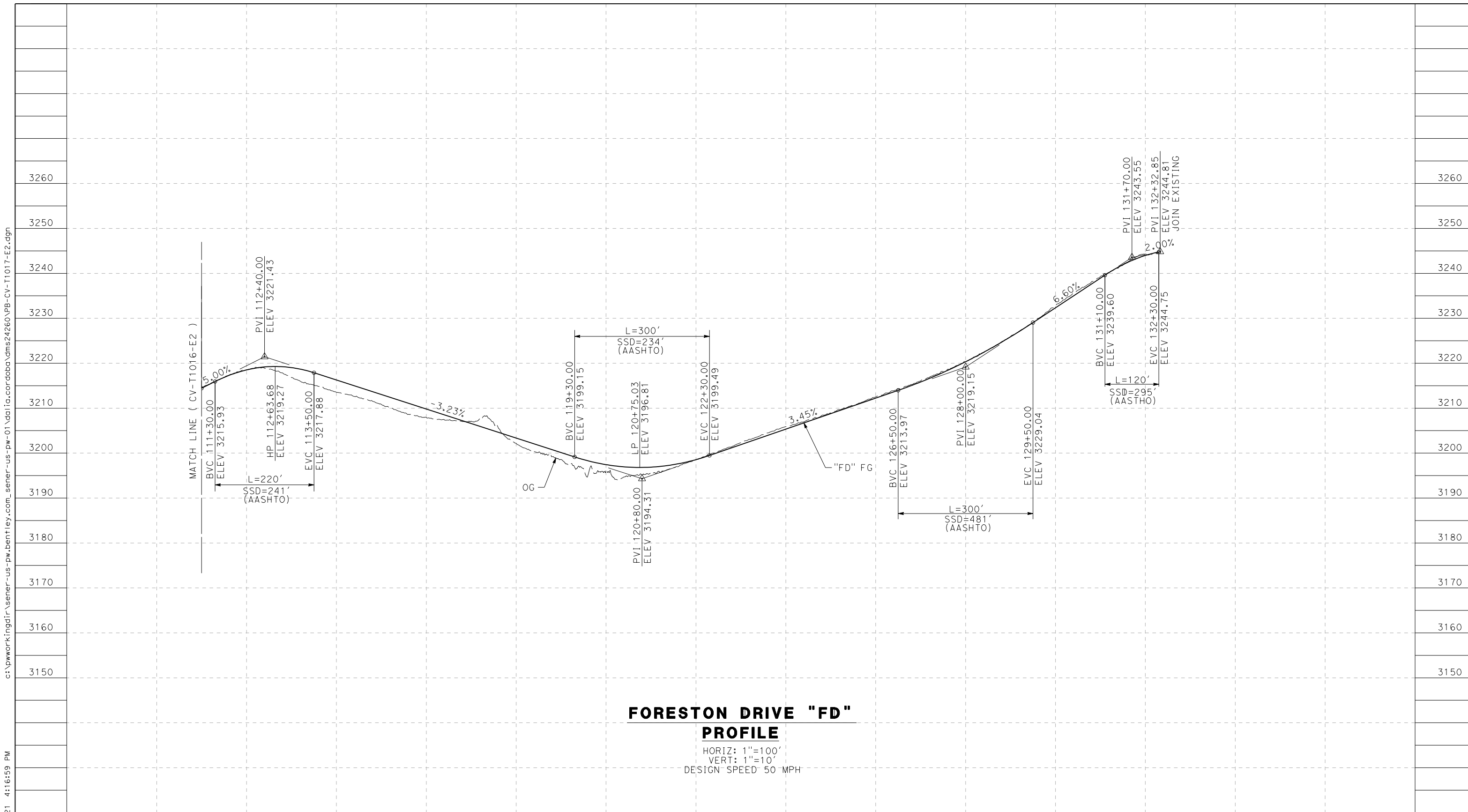
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

ALIGNMENT "E2"
 GRADE SEPARATION PROFILE
 FORESTON DRIVE
 SHEET 1 OF 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1016-E2
 SCALE
AS SHOWN
 SHEET NO.

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cordo



FORESTON DRIVE "FD" PROFILE

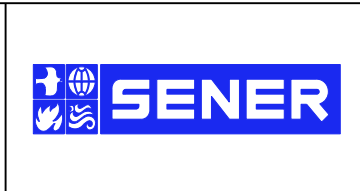
HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 50 MPH

STATION	110+00	112+00	114+00	116+00	118+00	120+00	122+00	124+00	126+00	128+00	130+00	132+00	134+00	TOTAL
CY	Exc													
	Emb													

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02**
**NOT FOR
 CONSTRUCTION**



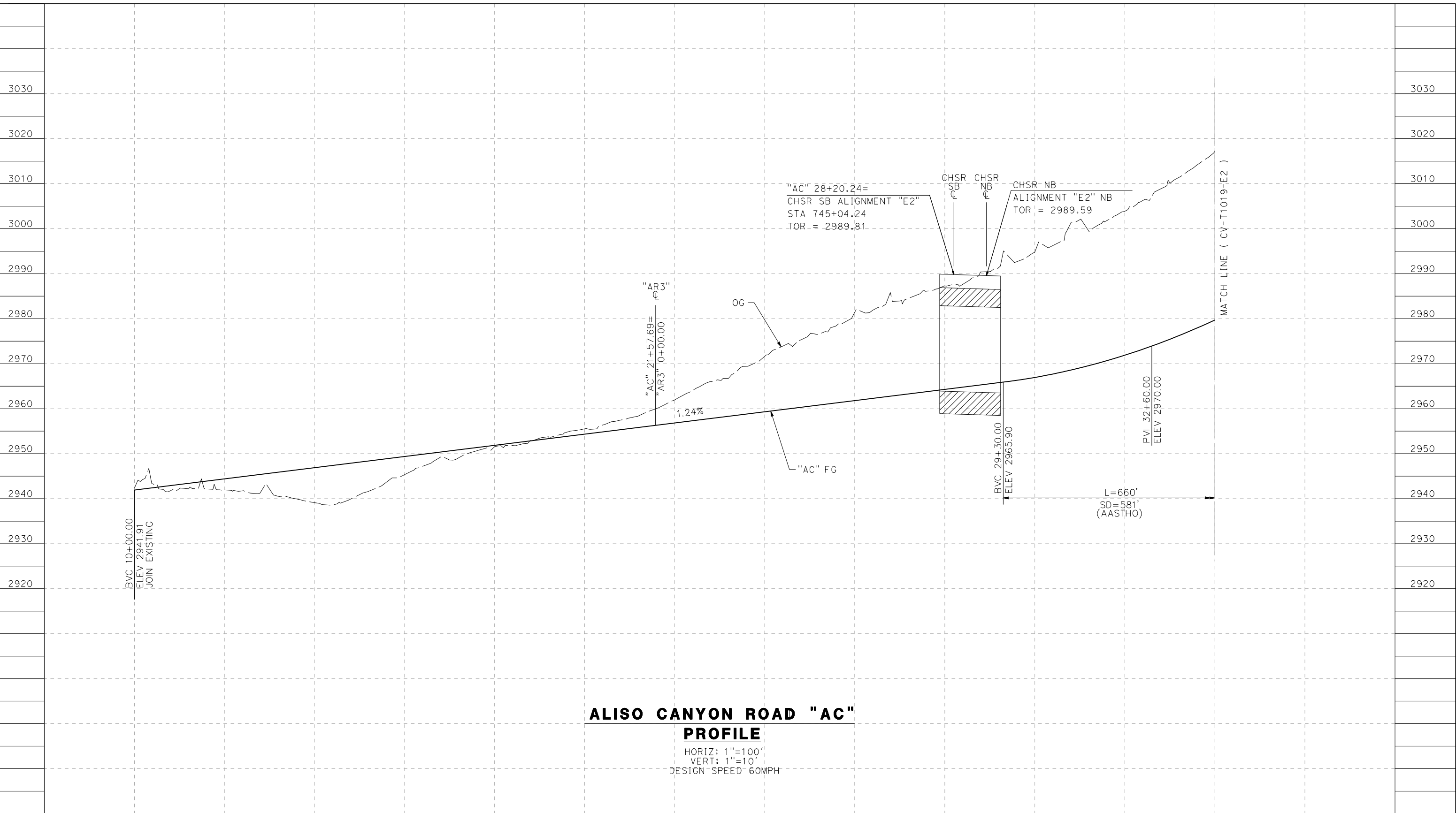
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 GRADE SEPARATION PROFILE
 FORESTON DRIVE
 SHEET 2 OF 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1017-E2
 SCALE
AS SHOWN
 SHEET NO.

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5/27/2021 7:02:55 AM

cordo



ALISO CANYON ROAD "AC" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 60MPH

STATION	10+00	12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	30+00	32+00	34+00	TOTAL
CY	Exc													
	Emb													

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 GRADE SEPARATION PROFILE
 ALISO CANYON ROAD
 SHEET 1 OF 2

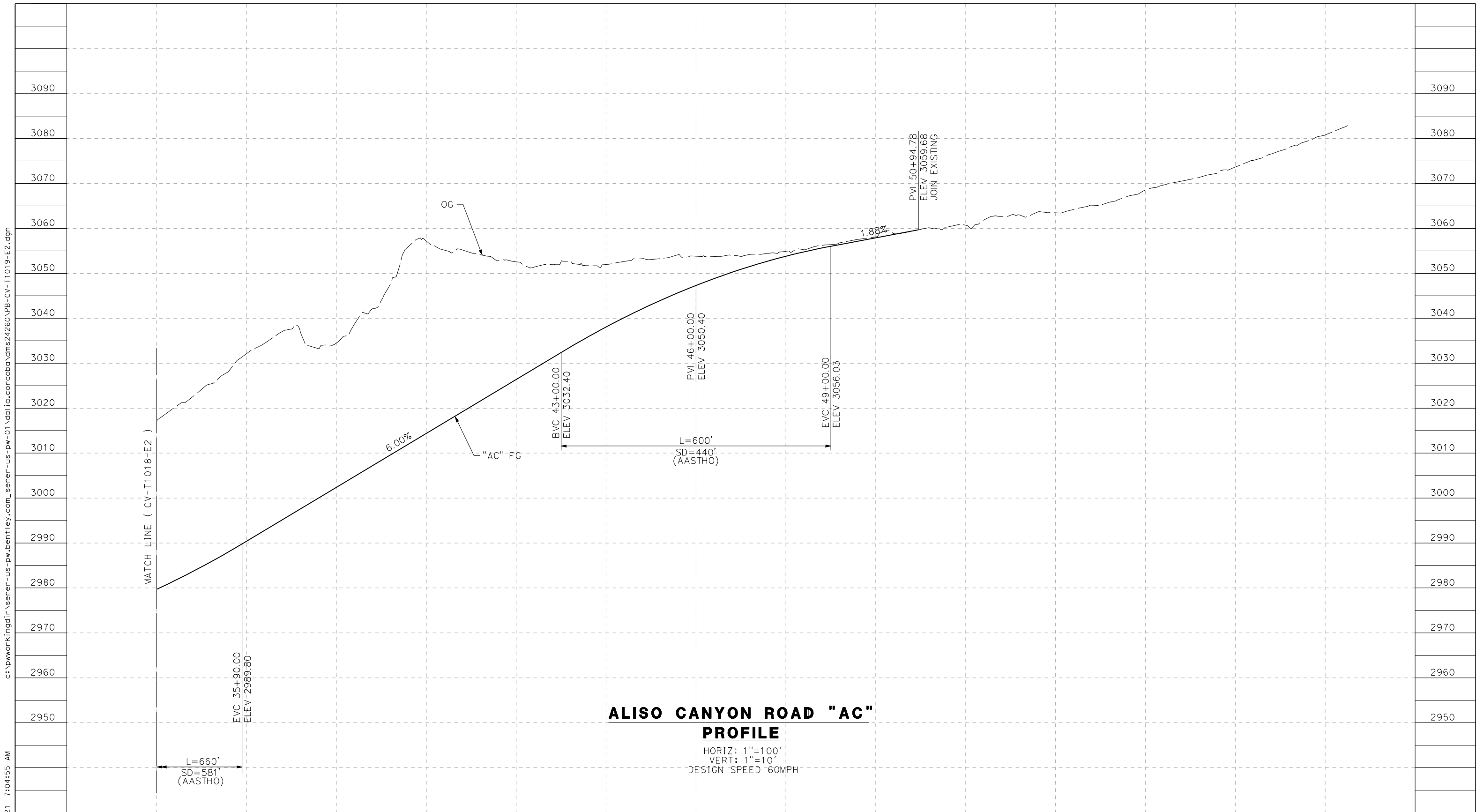
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1018-E2
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/27/2021 7:04:55 AM

cordo



ALISO CANYON ROAD "AC" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 60MPH

STATION	34+00	36+00	38+00	40+00	42+00	44+00	46+00	48+00	50+00	52+00	54+00	56+00	58+00	60+00	TOTAL
CY	Exc														
	Emb														

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



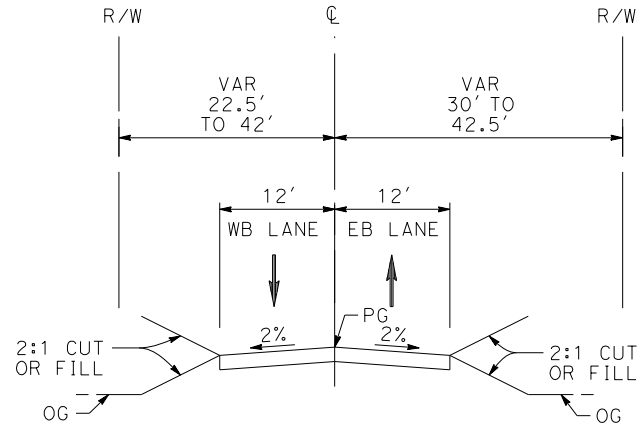
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 GRADE SEPARATION PROFILE
 ALISO CANYON ROAD
 SHEET 2 OF 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1019-E2
 SCALE
AS SHOWN
 SHEET NO.

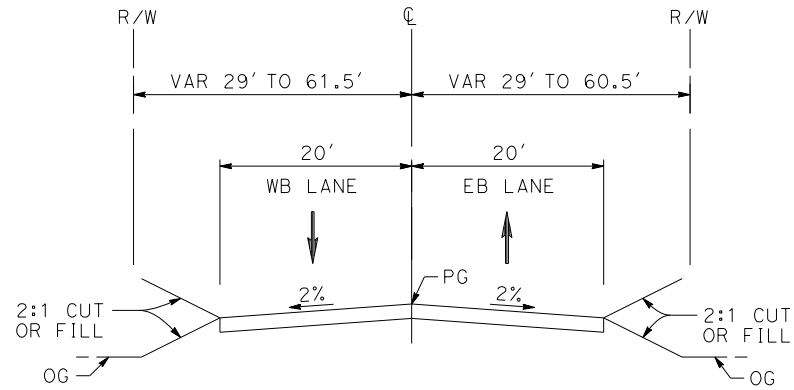
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4/29/2021 11:10:36 PM

cordo



FORESTON DRIVE
 STA 105+64 TO STA 132+32
 LOCAL ROADWAY
 PER LOS ANGELES COUNTY MUNICIPAL CODE
 CHAPTER 21 PARTS 2 AND 3



FORESTON DRIVE
 STA 91+00 TO STA 105+64
 LOCAL ROADWAY
 PER LOS ANGELES COUNTY MUNICIPAL CODE
 CHAPTER 21 PARTS 2 AND 3

REV	DATE	BY	CHK	APP	DESCRIPTION

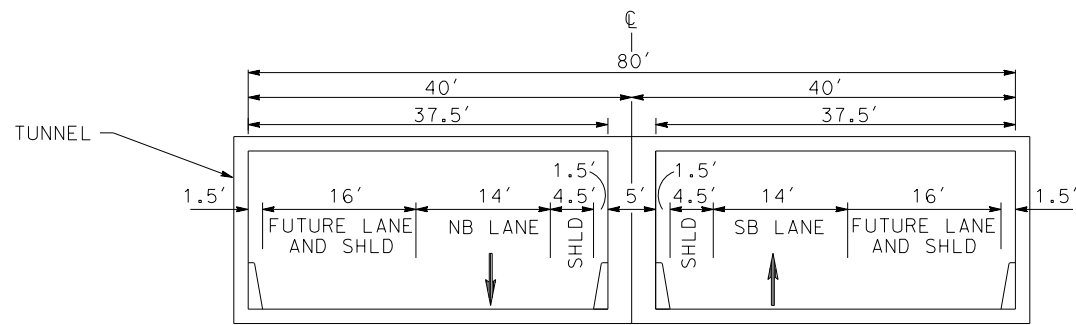
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**

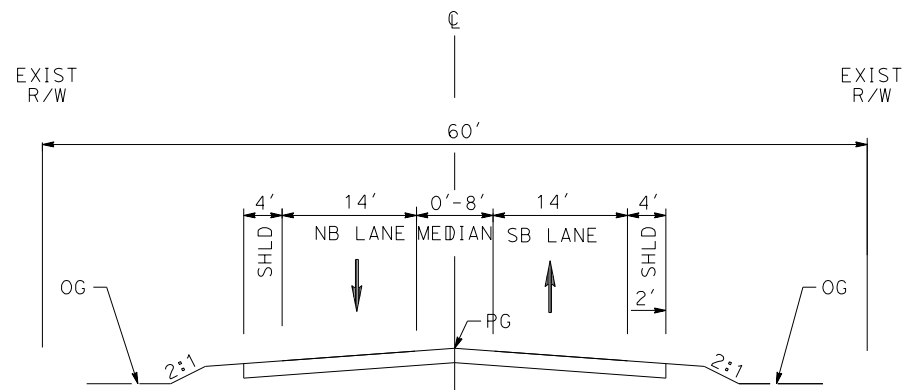


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 FORESTON DRIVE

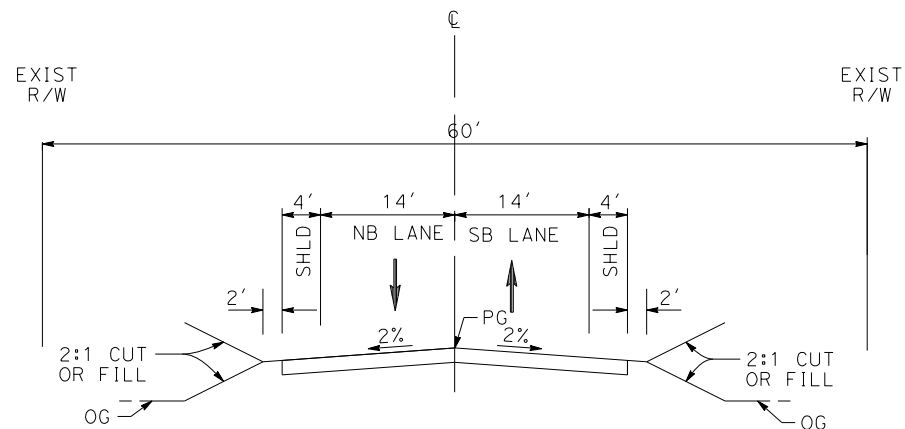
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T3001-E2
 SCALE
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 SHEET NO.



ALISO CANYON ROAD
 STA 25+85 TO STA 27+92
 SECONDARY HIGHWAY
 PER LOS ANGELES COUNTY MASTER PLAN



ALISO CANYON ROAD
 STA 21+00 TO STA 25+85
 AND
 STA 27+92 TO STA 35+41
 SECONDARY HIGHWAY
 PER LOS ANGELES COUNTY MASTER PLAN



ALISO CANYON ROAD
 STA 10+00 TO STA 21+00
 AND
 STA 35+41 TO STA 51+00
 SECONDARY HIGHWAY
 PER LOS ANGELES COUNTY MASTER PLAN

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4/29/2021 11:12:18 PM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



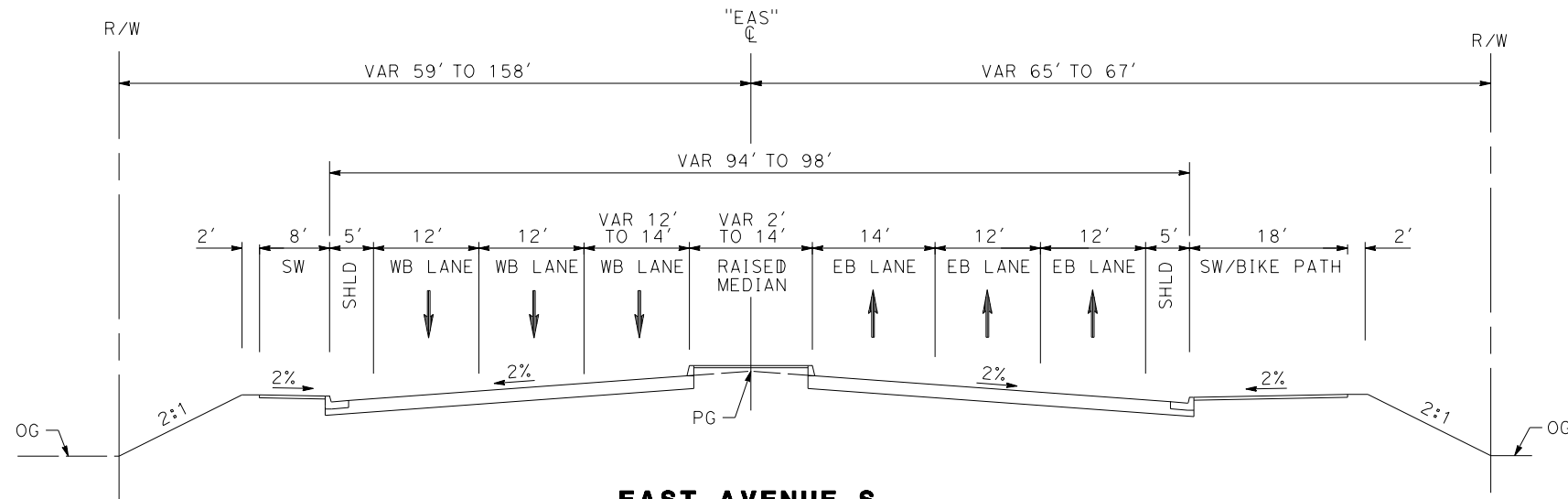
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 ALISO CANYON ROAD

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T3002-E2
 SCALE
NO SCALE
 SHEET NO.

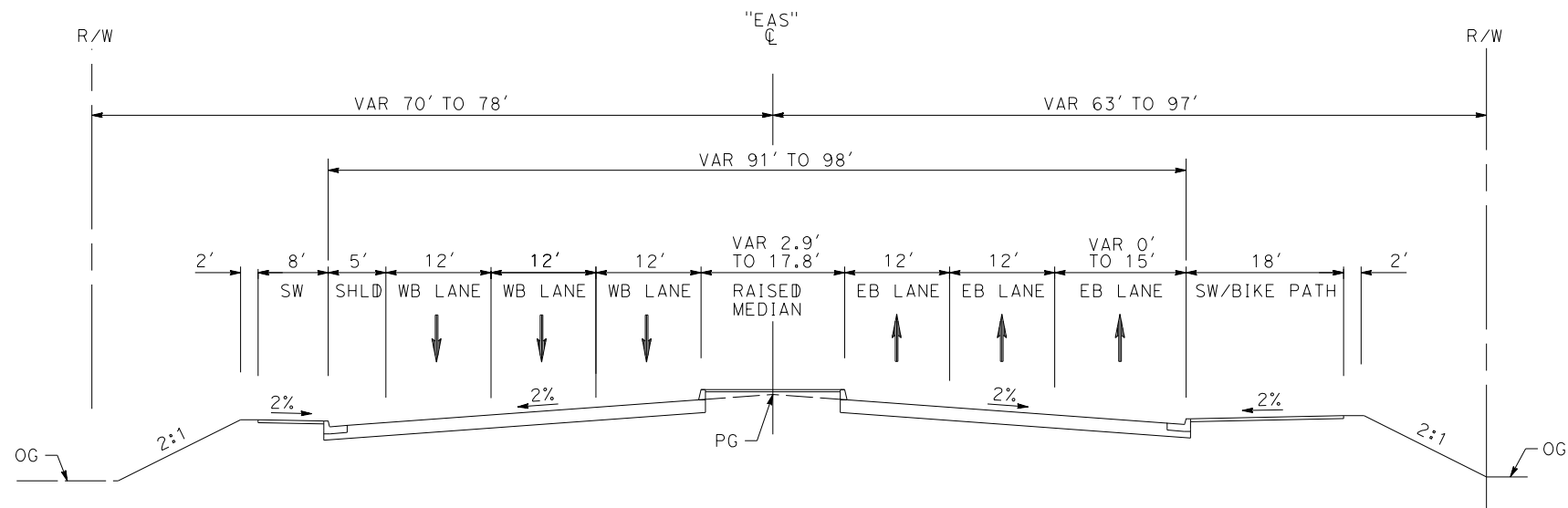
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4/29/2021 11:17:47 PM

cordo



EAST AVENUE S
 STA 90+00 TO STA 100+00
 MAJOR ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



EAST AVENUE S
 STA 83+84 TO STA 90+00
 MAJOR ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION



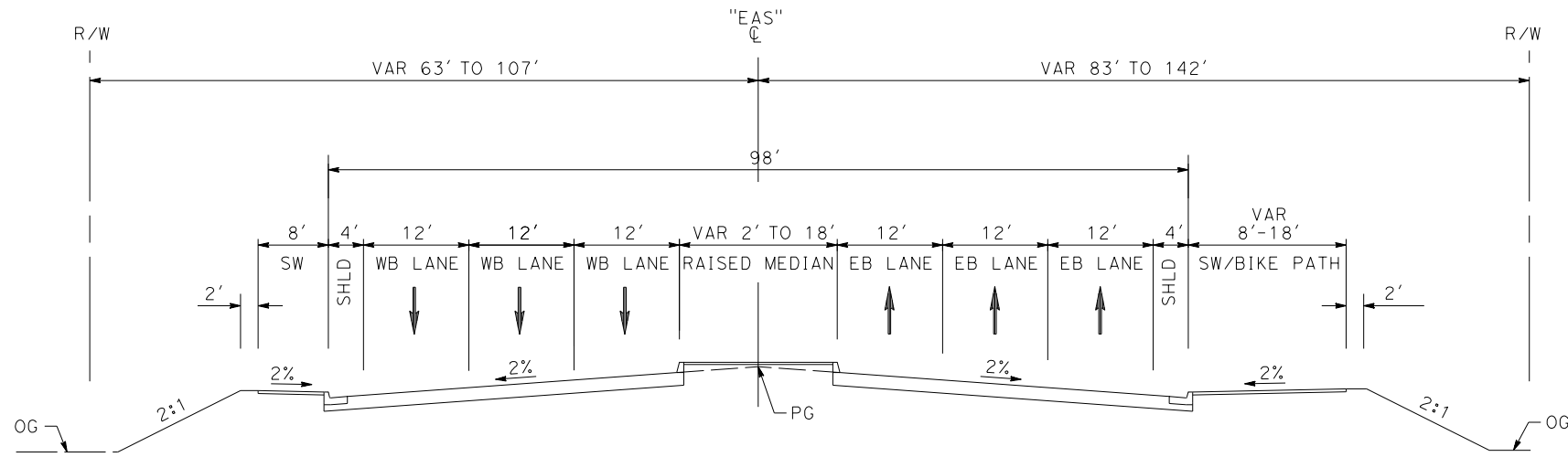
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 EAST AVENUE S
 SHEET 1 OF 2

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-T3003-E2
 SCALE
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 SHEET NO.

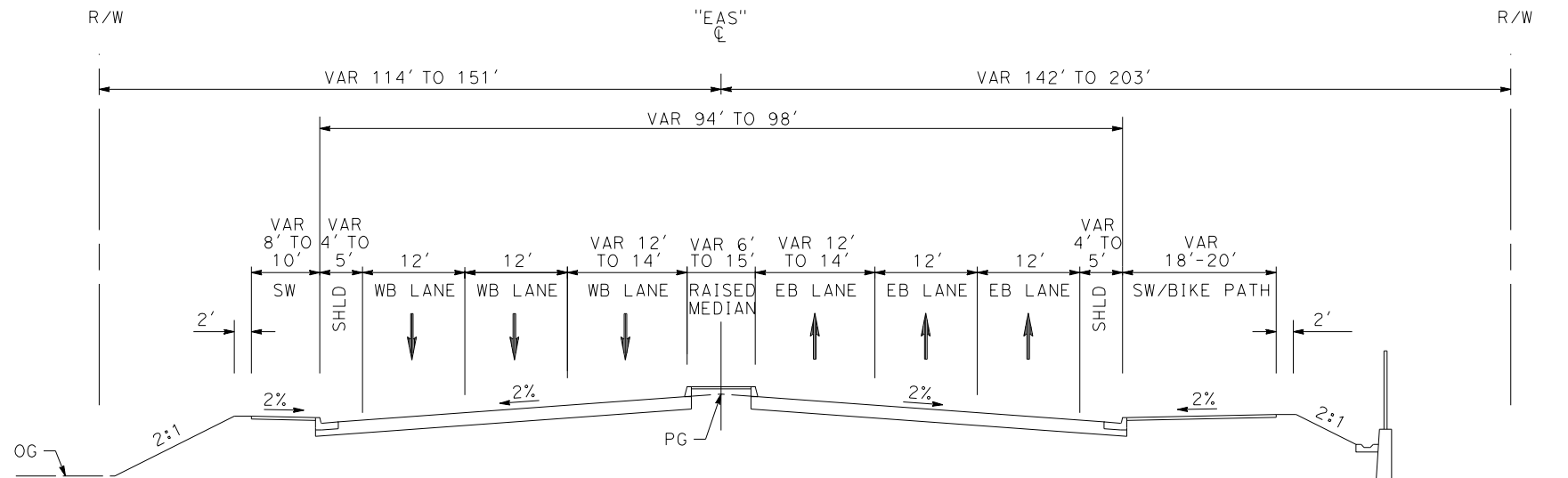
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4/29/2021 11:19:32 PM

cordo



EAST AVENUE S
 STA 109+12 TO STA 117+80
 MAJOR ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



EAST AVENUE S
 STA 104+00 TO STA 109+12
 MAJOR ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



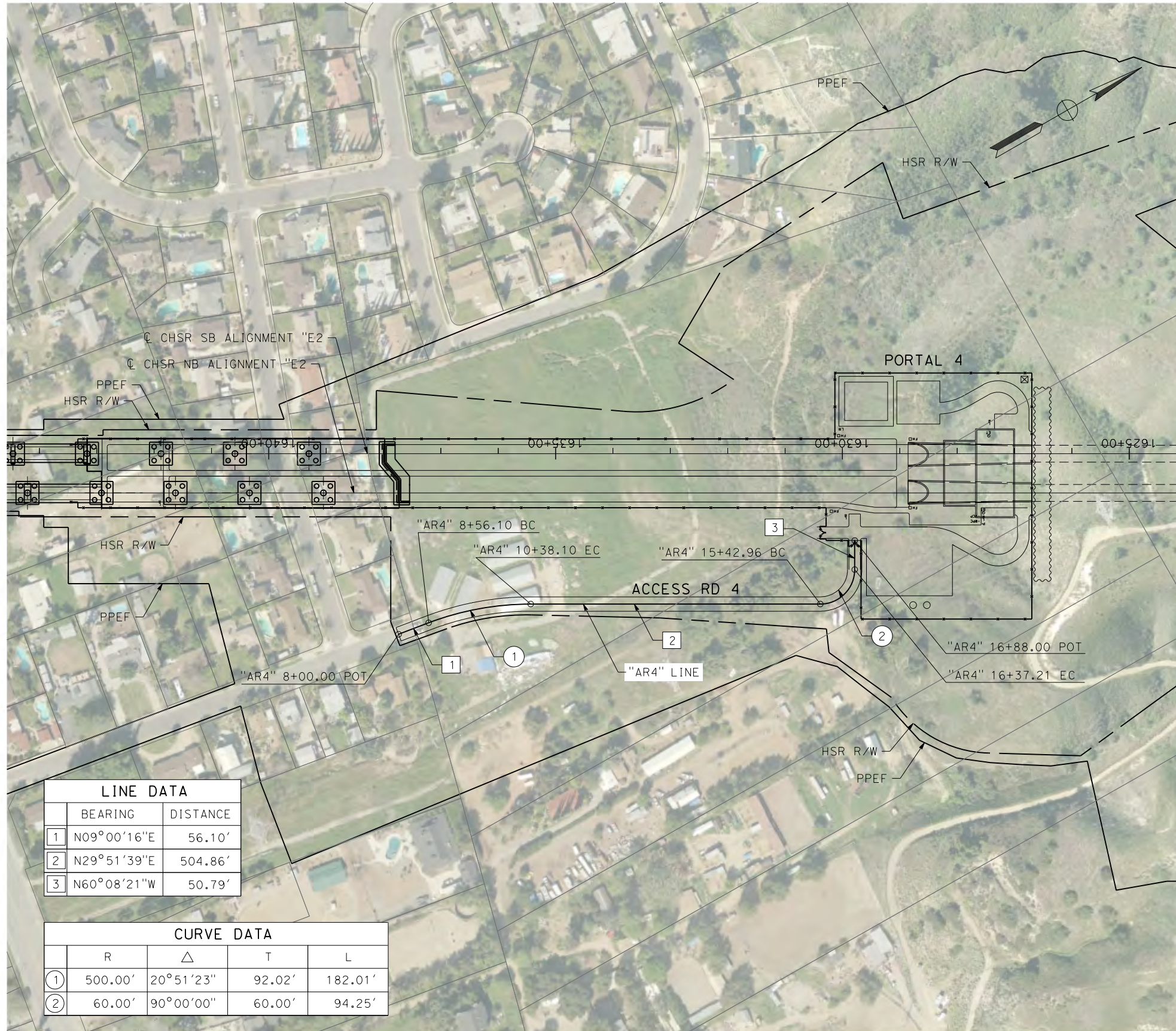
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 EAST AVENUE S
 SHEET 2 OF 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T3004-E2
 SCALE
NO SCALE
 SHEET NO.

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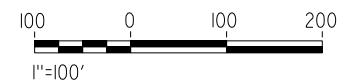
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cordo



LINE DATA		
	BEARING	DISTANCE
1	N09°00'16"E	56.10'
2	N29°51'39"E	504.86'
3	N60°08'21"W	50.79'

CURVE DATA				
	R	Δ	T	L
①	500.00'	20°51'23"	92.02'	182.01'
②	60.00'	90°00'00"	60.00'	94.25'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



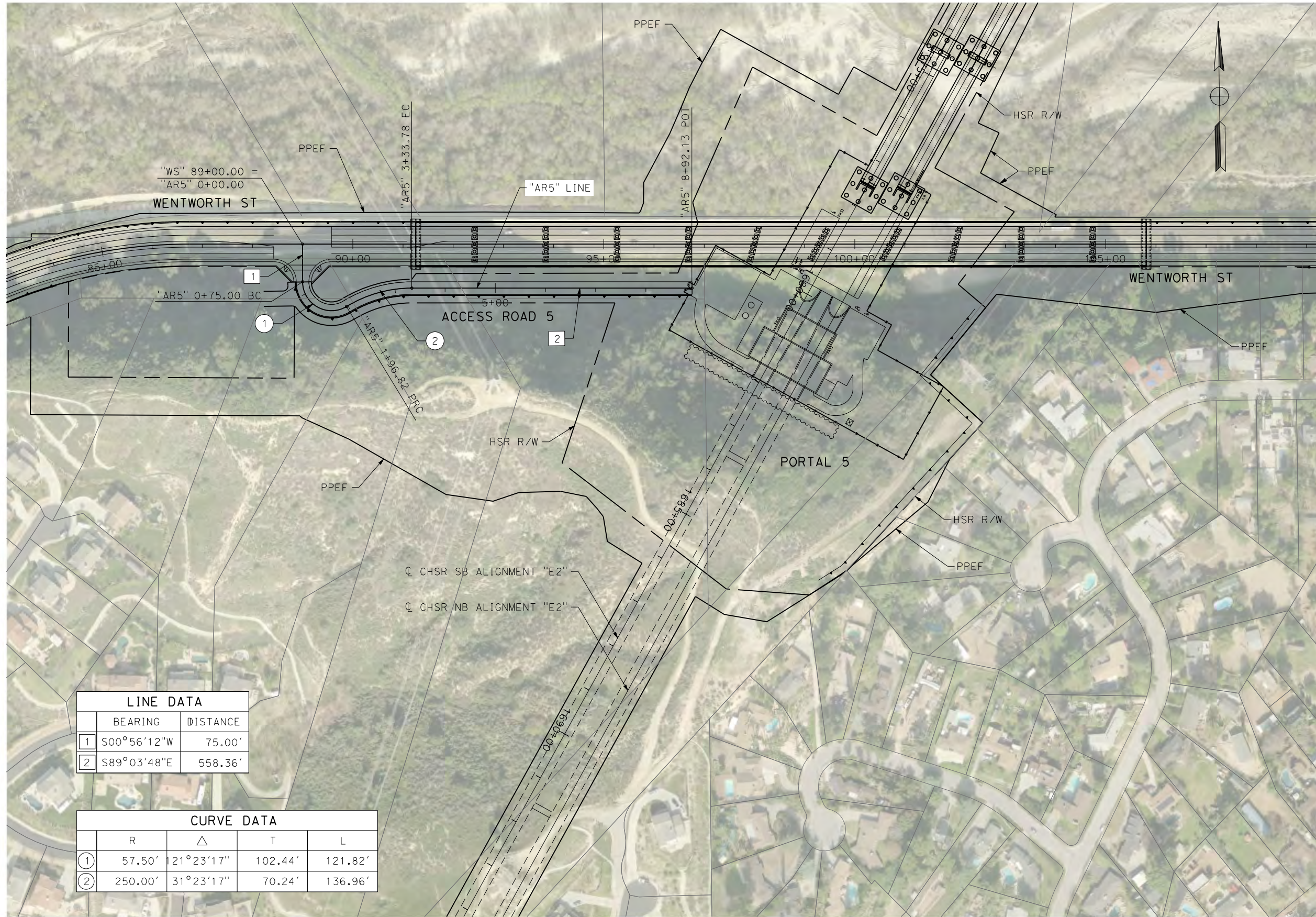
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ACCESS ROAD PLAN
ACCESS ROAD 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4001-E2
SCALE
AS SHOWN
SHEET NO.

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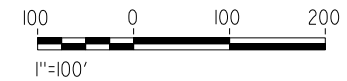
4/29/2021 11:25:06 PM

cordo



LINE DATA		
	BEARING	DISTANCE
1	S00°56'12"W	75.00'
2	S89°03'48"E	558.36'

CURVE DATA				
	R	Δ	T	L
1	57.50'	21°23'17"	102.44'	121.82'
2	250.00'	31°23'17"	70.24'	136.96'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02

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CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
ACCESS ROAD PLAN
ACCESS ROAD 5

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4002-E2
SCALE
AS SHOWN
SHEET NO.

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LINE DATA		
	BEARING	DISTANCE
1	N70°43'16"E	537.28'



REV	DATE	BY	CHK	APP	DESCRIPTION

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J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ACCESS ROAD PLAN
WEST ADIT ACCESS ROAD

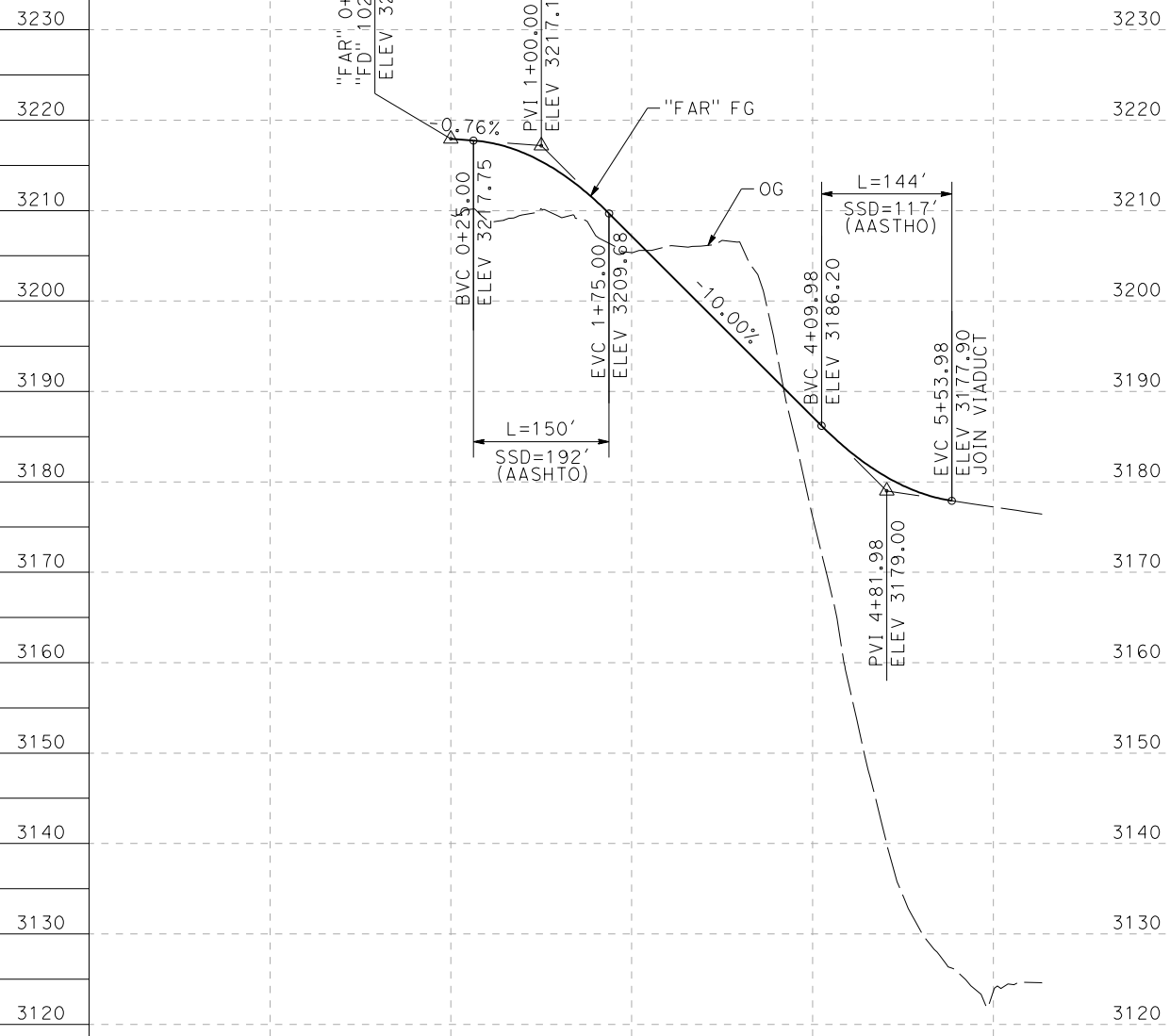
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HSR14-42
DRAWING NO.
CV-Y4003-E2
SCALE
AS SHOWN
SHEET NO.

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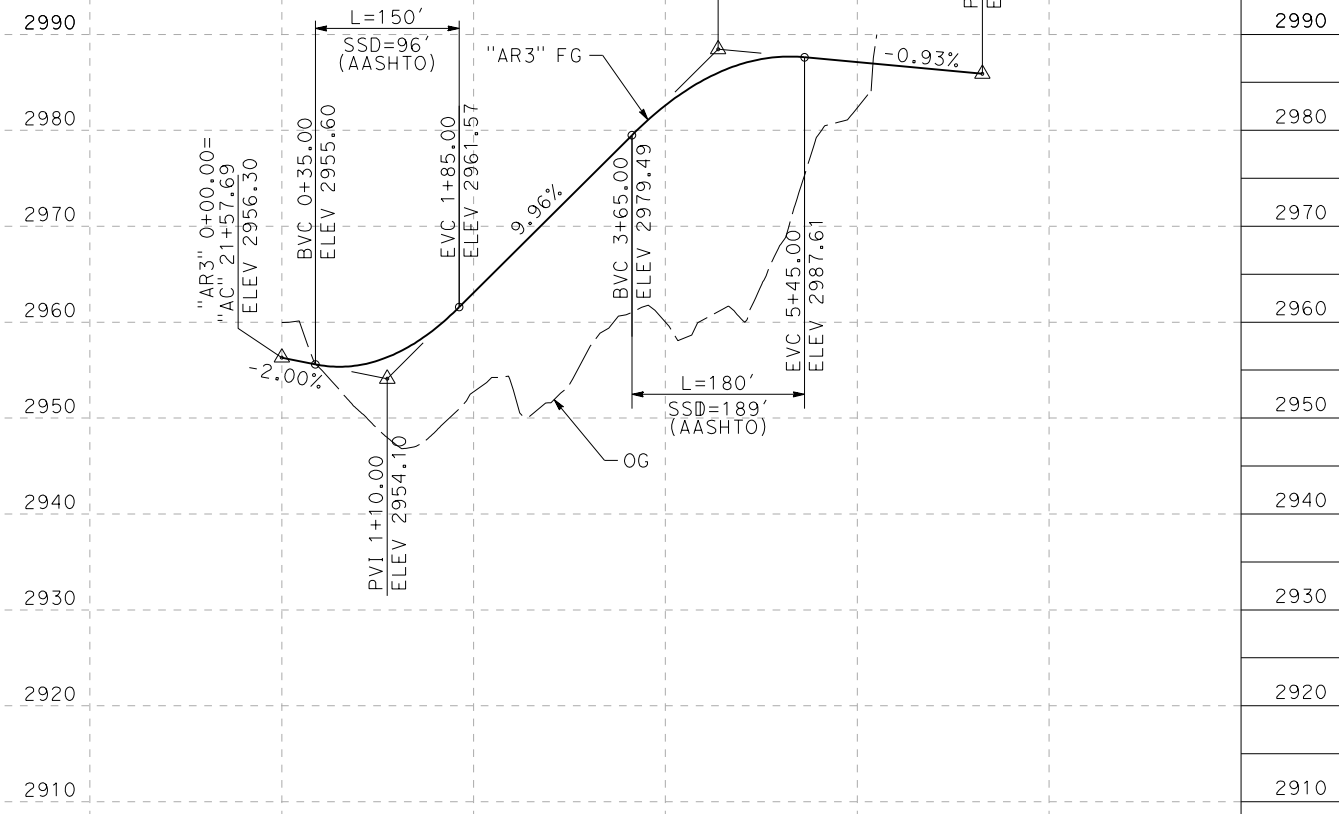
cordo

NOTE:
PLEASE REFER TO SHEET CV-T4015-E2 FOR FORESTON ACCESS ROAD PLAN
AND CV-T4017-E2 FOR ACCESS ROAD 3 PLAN



**FORESTON ACCESS ROAD "FD"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 25 MPH



**ACCESS ROAD 3 "AR3"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 25 MPH

STATION	0+00	2+00	4+00	6+00	6+00	6+00	6+00	6+00	TOTAL
CY	Exc								
	Emb								

DESIGNED BY
J.C. ALAMILLA
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A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ACCESS ROAD PROFILE
FORESTON ACCESS ROAD AND ACCESS ROAD 3 - PORTAL 3

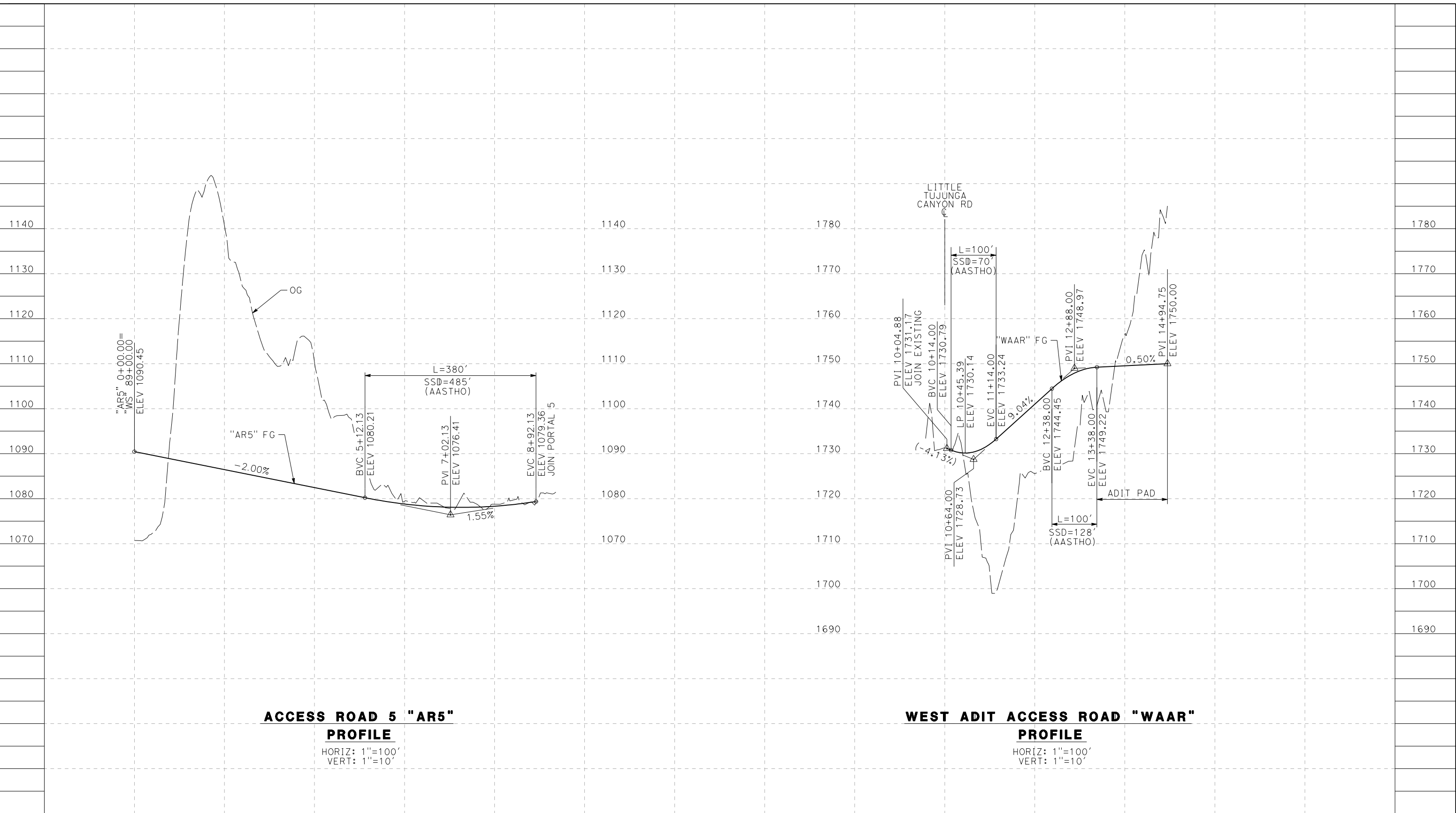
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HSR14-42
DRAWING NO.
CV-Y1001-E2
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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ACCESS ROAD 5 "AR5"
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'

WEST ADIT ACCESS ROAD "WAAR"
PROFILE
HORIZ: 1"=100'
VERT: 1"=10'

STATION	0+00	2+00	4+00	6+00	8+00	10+00	0+00	10+00	12+00	14+00	16+00	TOTAL
CY	Exc											
	Emb											

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
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CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

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REV 02**
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
ACCESS ROAD PROFILE
ACCESS ROAD 5 AND WEST ADIT ACCESS ROAD

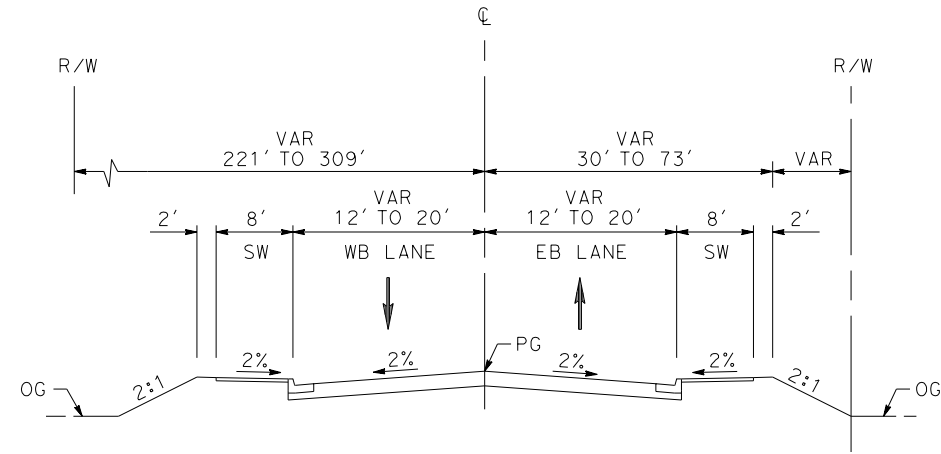
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HSR14-42
DRAWING NO.
CV-Y1003-E2
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

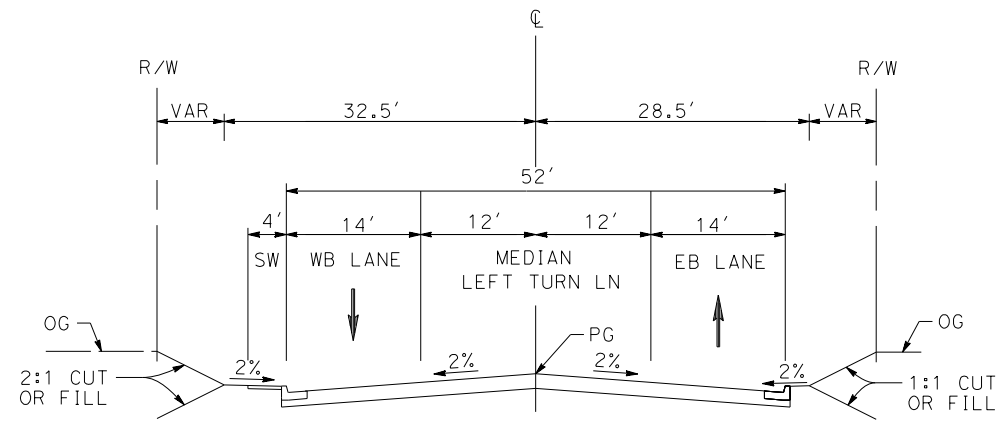
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VALLEY FORGE
 STA 10+34 TO 15+34
 RESIDENTIAL STREET (E)
 PER CITY OF PALMDALE GENERAL PLAN



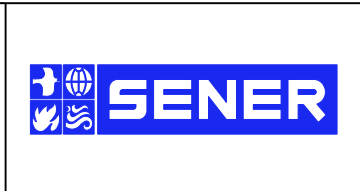
EAST AVENUE R11
 STA 10+00.00 TO STA 18+80.51
 LOCAL INTERIOR STREET
 PER CITY OF PALMDALE GENERAL PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
 J.C. ALAMILLA
 DRAWN BY
 A. SANZ
 CHECKED BY
 W. GUO
 IN CHARGE
 A. RELANO
 DATE
 04/30/2021

**PEPD RECORD SET
 REV 02**

**NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**

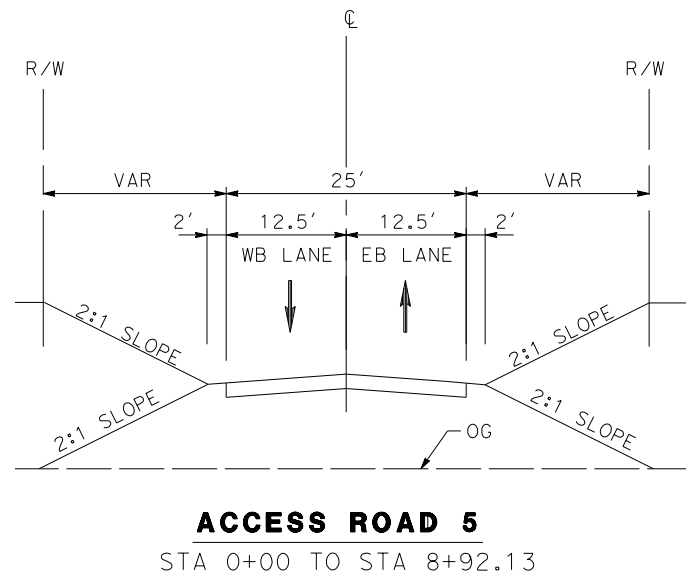
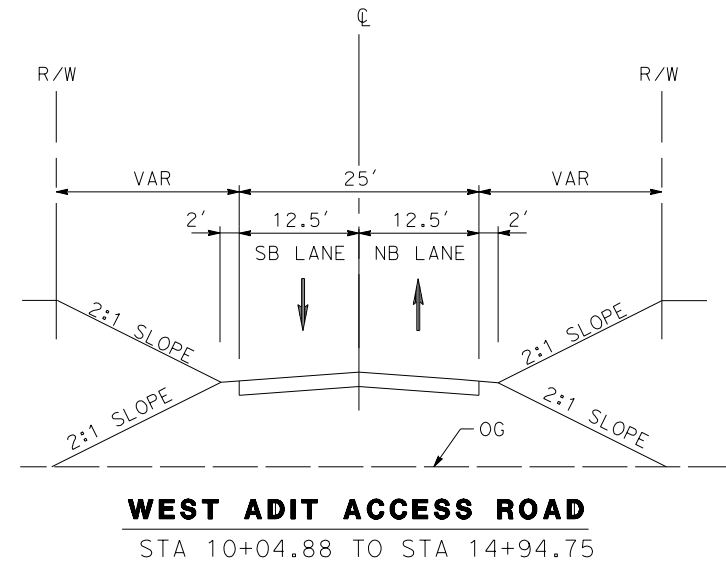
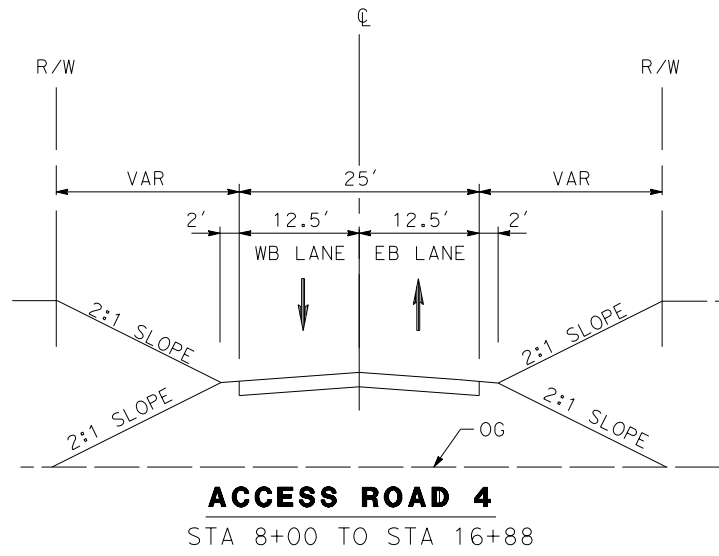
ALIGNMENT "E2"
 TYPICAL SECTIONS
 VALLEY FORGE AND EAST AVE R11

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-Y3001-E2
 SCALE
 NO SCALE
 SHEET NO.

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5/24/2021 4:39:41 PM

cordo



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



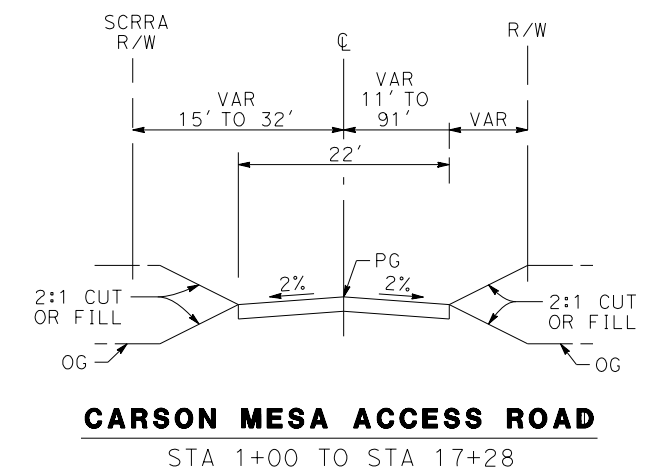
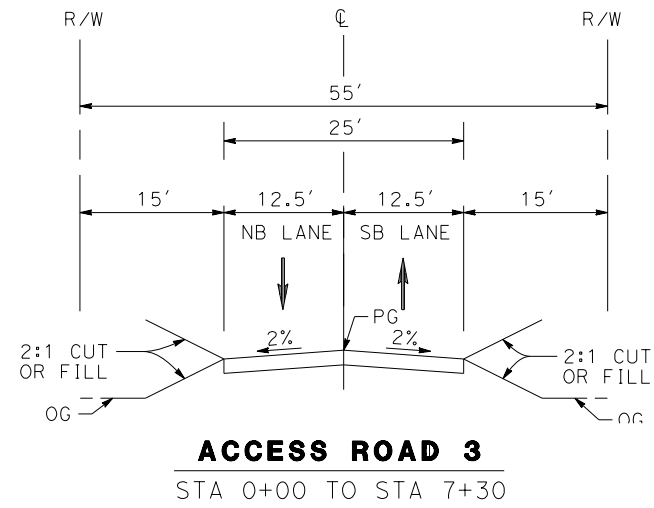
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
TYPICAL SECTIONS
ACCESS ROAD 4, ACCESS ROAD 5
AND WEST ADIT ACCESS ROAD

CONTRACT NO. HSR14-42
DRAWING NO. CV-Y3002-E2
SCALE NO SCALE
SHEET NO.

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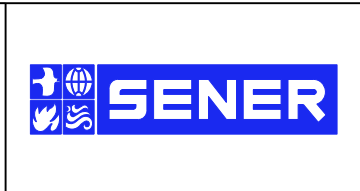


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

ALIGNMENT "E2"
TYPICAL SECTIONS
CARSON MESA ACCESS ROAD AND ACCESS ROAD 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y3003-E2
SCALE
NO SCALE
SHEET NO.