

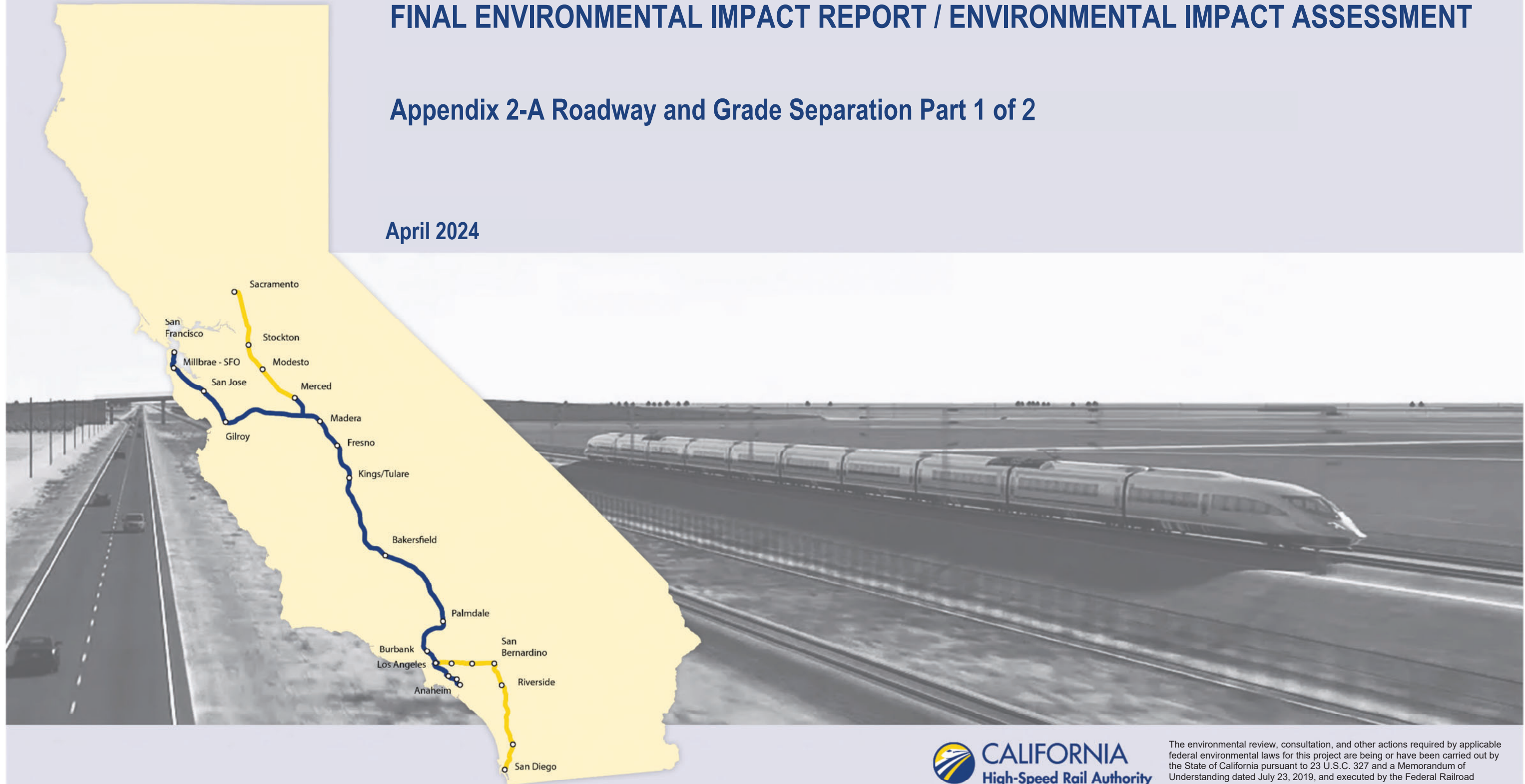
California High-Speed Rail Authority

Palmdale to Burbank Project Section

FINAL ENVIRONMENTAL IMPACT REPORT / ENVIRONMENTAL IMPACT ASSESSMENT

Appendix 2-A Roadway and Grade Separation Part 1 of 2

April 2024



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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Since publication of the Palmdale to Burbank Project Section Draft Environmental Impact Report/Environmental Impact Statement (EIR/EIS), the following substantive changes have been made to this appendix:

- Appendix 2-A Part 1 of 3, drawings CV-B0002-S14, CV-Y4013-S14, CV-Y4014-S14, CV-Y4015-S14, CV-Y4017-S14, CV-Y1012-S14, CV-Y1013-S14, CV-Y1014-S14, CV-Y3003-S14, CV-Y3004-S14 have been updated to show the new Portal 8 Access Road in Refined SR14 Build Alternative which was moved parallel and adjacent to the HSR southbound track alignment in Bee Canyon and the reduced footprint at Pacoima Adits to minimize impact on Jurisdictional Waters.
- Appendix 2-A Part 3 of 3, drawings CV-B0002-14A, CV-Y4006-14A, CV-Y4007-14A, CV-Y4008-14A, CV-Y1007-14A, CV-Y1008-14A, CV-Y1009-14A, CV-Y3001-14A have been updated to show the new Portal 4A Access Road in SR14A Build Alternative which was moved parallel and adjacent to the HSR southbound track alignment in Bee Canyon.
- Appendix 2-A Part 3 of 3, drawings CV-R4001-14A, CV-R4002-14A, CV-R1004-14A, CV-R3003-14A, CV-T4002-14A, CV-T4004-14A, CV-R4001-EA, CV-R4002-EA, CV-R1004-EA, CV-R3003-EA, CV-T4002-EA, CV-T4004-EA have been updated to include the access road to the water tank located on the North-West corner of Boulders Mobile Home Park.

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ROADWAY/GRADE SEPARATION SHEETS

GENERAL

DRAWING NO.	DRAWING DESCRIPTION	
CV-B0001	ROADWAYS AND GRADE SEPARATIONS - INDEX OF DRAWINGS - SHEET 1 OF 3	VOLUME I OF II
CV-B0002	ROADWAYS AND GRADE SEPARATIONS - INDEX OF DRAWINGS - SHEET 2 OF 3	
CV-B0003	ROADWAYS AND GRADE SEPARATIONS - INDEX OF DRAWINGS - SHEET 3 OF 3	
CV-B0004	ROADWAYS AND GRADE SEPARATIONS - ABBREVIATIONS	
CV-B0005	ROADWAYS AND GRADE SEPARATIONS - ABBREVIATIONS AND LEGEND	

REFINED S14 CENTRAL SUBSECTION

DRAWING NO.	DRAWING DESCRIPTION	
ACCESS ROAD PLANS, PROFILES AND TYPICAL SECTIONS		
CV-Y4001-S14	ACCESS ROAD PLAN - ACCESS ROAD 1	VOLUME I OF II
CV-Y4003-S14	ACCESS ROAD PLAN - ACCESS ROAD 2	
CV-Y4004-S14	ACCESS ROAD PLAN - ACCESS ROAD 3A & 3B	
CV-Y4005-S14	ACCESS ROAD PLAN - ACCESS ROAD 4, 5A & 5 - SHEET 1 OF 4	
CV-Y4006-S14	ACCESS ROAD PLAN - ACCESS ROAD 5 - SHEET 2 OF 4	
CV-Y4007-S14	ACCESS ROAD PLAN - ACCESS ROAD 5 - SHEET 3 OF 4	
CV-Y4008-S14	ACCESS ROAD PLAN - ACCESS ROAD 5 - SHEET 4 OF 4	
CV-Y4009-S14	ACCESS ROAD PLAN - ACCESS ROAD 6A & 6B - SHEET 1 OF 3	
CV-Y4010-S14	ACCESS ROAD PLAN - ACCESS ROAD 6A - SHEET 2 OF 3	
CV-Y4011-S14	ACCESS ROAD PLAN - ACCESS ROAD 6A - SHEET 3 OF 3	
CV-Y4012-S14	ACCESS ROAD PLAN - ACCESS ROAD 7	
CV-Y4013-S14	ACCESS ROAD PLAN - ACCESS ROAD 8 - SHEET 1 OF 3	
CV-Y4014-S14	ACCESS ROAD PLAN - ACCESS ROAD 8 - SHEET 2 OF 3	
CV-Y4015-S14	ACCESS ROAD PLAN - ACCESS ROAD 8 - SHEET 3 OF 3	
CV-Y4016-S14	ACCESS ROAD PLAN - ACCESS ROAD 9	
CV-Y4017-S14	ACCESS ROAD PLAN - WEST AND EAST ADIT ROAD OPTION 1 AND OPTION 2	
CV-Y1001-S14	ACCESS ROAD PROFILE - ACCESS ROAD 1	
CV-Y1002-S14	ACCESS ROAD PROFILE - ACCESS ROAD 2 AND ACCESS ROAD 5A	
CV-Y1003-S14	ACCESS ROAD PROFILE - ACCESS ROAD 3A & 3B	
CV-Y1004-S14	ACCESS ROAD PROFILE - ACCESS ROAD 5 - SHEET 1 OF 4	
CV-Y1005-S14	ACCESS ROAD PROFILE - ACCESS ROAD 5 - SHEET 2 OF 4	
CV-Y1006-S14	ACCESS ROAD PROFILE - ACCESS ROAD 5 - SHEET 3 OF 4	
CV-Y1007-S14	ACCESS ROAD PROFILE - ACCESS ROAD 5 - SHEET 4 OF 4	
CV-Y1008-S14	ACCESS ROAD PROFILE - ACCESS ROAD 6A - SHEET 1 OF 3	
CV-Y1009-S14	ACCESS ROAD PROFILE - ACCESS ROAD 6A - SHEET 2 OF 3	
CV-Y1010-S14	ACCESS ROAD PROFILE - ACCESS ROAD 6A - SHEET 3 OF 3	
CV-Y1011-S14	ACCESS ROAD PROFILE - ACCESS ROAD 7	
CV-Y1012-S14	ACCESS ROAD PROFILE - ACCESS ROAD 8 - SHEET 1 OF 3	
CV-Y1013-S14	ACCESS ROAD PROFILE - ACCESS ROAD 8 - SHEET 2 OF 3	
CV-Y1014-S14	ACCESS ROAD PROFILE - ACCESS ROAD 8 - SHEET 3 OF 3	
CV-Y1015-S14	ACCESS ROAD PROFILE - ACCESS ROAD 9	
CV-Y1016-S14	ACCESS ROAD PROFILE - ACCESS ROAD 4 & ACCESS ROAD 6B	
CV-Y1017-S14	ACCESS ROAD PROFILE - WEST AND EAST ADIT ROAD OPTION 1 AND OPTION 2	
CV-Y3001-S14	TYPICAL SECTIONS - ACCESS ROAD 1, 2, 3A AND 3B	
CV-Y3002-S14	TYPICAL SECTIONS - ACCESS ROAD 4, 5, 6A AND 6B	
CV-Y3003-S14	TYPICAL SECTIONS - ACCESS ROAD 8	
CV-Y3004-S14	TYPICAL SECTIONS - EAST ADIT ROAD AND WEST ADIT ROAD, ACCESS ROAD 7, 9	

REFINED S14 CENTRAL SUBSECTION

DRAWING NO.	DRAWING DESCRIPTION		
KEY MAPS			
CV-B0001-S14	ROADWAY AND GRADE SEPARATION PLAN - KEY MAP - SHEET 1 OF 4	VOLUME I OF II	
CV-B0002-S14	ROADWAY AND GRADE SEPARATION PLAN - KEY MAP - SHEET 2 OF 4		
CV-B0003-S14	ROADWAY AND GRADE SEPARATION PLAN - KEY MAP - SHEET 3 OF 4		
CV-B0004-S14	ROADWAY AND GRADE SEPARATION PLAN - KEY MAP - SHEET 4 OF 4		
ROADWAY PLANS, PROFILES AND TYPICAL SECTIONS			
CV-R4006-S14	ROADWAY PLAN - SIERRA HIGHWAY - SHEET 1 OF 4		
CV-R4007-S14	ROADWAY PLAN - SIERRA HIGHWAY AND WATER TREATMENT PLANT ACCESS RD 2 - SHEET 2 OF 4		
CV-R4008-S14	ROADWAY PLAN - SIERRA HIGHWAY - SHEET 3 OF 4		
CV-R4009-S14	ROADWAY PLAN - SIERRA HIGHWAY - SHEET 4 OF 4		
CV-R4018-S14	ROADWAY PLAN - E BARREL SPRINGS RD, E BARREL SPRINGS ACCESS RD AND EAST SIXTH STREET		
CV-R4019-S14	ROADWAY PLAN - E BARREL SPRINGS RD AND E BARREL SPRINGS ACCESS RD		
CV-R4020-S14	ROADWAY PLAN - SHELDON ST, PRIVATE RD 1, RALSTON AVE, LADWP RD AND ACCESS RD		
CV-R4040-S14	ROADWAY PLAN - TUXFORD ST		
CV-R4041-S14	ROADWAY PLAN - OLINDA ST AND SAN FERNANDO RD		
CV-R1006-S14	ROADWAY PROFILE - SIERRA HIGHWAY - SHEET 1 OF 4		
CV-R1007-S14	ROADWAY PROFILE - SIERRA HIGHWAY - SHEET 2 OF 4		
CV-R1008-S14	ROADWAY PROFILE - SIERRA HIGHWAY - SHEET 3 OF 4		
CV-R1009-S14	ROADWAY PROFILE - SIERRA HIGHWAY - SHEET 4 OF 4		
CV-R1009A-S14	ROADWAY PROFILE - VALLEY FORGE AND E AVENUE R11		
CV-R1009B-S14	ROADWAY PROFILE - SIXTH STREET EAST AND WATER TREATMENT PLANT ACCESS RD 2		
CV-R1009C-S14	ROADWAY PROFILE - EAST TENTH STREET		
CV-R1020-S14	ROADWAY PROFILE - E BARREL SPRINGS ROAD - SHEET 1 OF 2		
CV-R1021-S14	ROADWAY PROFILE - E BARREL SPRINGS ROAD - SHEET 2 OF 2		
CV-R1021A-S14	ROADWAY PROFILE - E BARREL SPRINGS ACCESS ROAD		
CV-R1022-S14	ROADWAY PROFILE - SHELDON STREET		
CV-R1023-S14	ROADWAY PROFILE - RALSTON AVENUE, PRIVATE RD 1, LADWP RD AND ACCESS RD		
CV-R1024-S14	ROADWAY PROFILE - SAN FERNANDO ROAD "SFR"		
CV-R1025-S14	ROADWAY PROFILE - SAN FERNANDO ROAD "SFB"		
CV-R1026-S14	ROADWAY PROFILE - SAN FERNANDO ROAD "SFR1"		
CV-R1029-S14	ROADWAY PROFILE - OLINDA STREET		
CV-R1030-S14	ROADWAY PROFILE - TUXFORD STREET		
CV-R3001-S14	TYPICAL SECTIONS - E BARREL SPRINGS ROAD		
CV-R3002-S14	TYPICAL SECTIONS - SIXTH STREET EAST		
CV-R3003-S14	TYPICAL SECTIONS - HAROLD THIRD STREET, HAROLD DATE AVE, HAROLD FIFTH STREET AND E BARREL SPRINGS ACCESS RD		
CV-R3004-S14	TYPICAL SECTIONS - BRANFORD STREET, RALSTON AVENUE AND ACCESS ROAD		
CV-R3005-S14	TYPICAL SECTIONS - SHELDON STREET, PRIVATE ROAD 1 AND LADWP ROAD		
CV-R3006-S14	TYPICAL SECTIONS - SIERRA HIGHWAY - SHEET 1 OF 2		
CV-R3007-S14	TYPICAL SECTIONS - SIERRA HIGHWAY - SHEET 2 OF 2		
CV-R3008-S14	TYPICAL SECTIONS - EAST TENTH STREET AND WATER TREATMENT PLANT ACCESS RD 2		
CV-R3009-S14	TYPICAL SECTIONS - SAN FERNANDO ROAD - SHEET 1 OF 2		
CV-R3010-S14	TYPICAL SECTIONS - SAN FERNANDO ROAD - SHEET 2 OF 2		
CV-R3011-S14	TYPICAL SECTIONS - TUXFORD STREET		
CV-R3012-S14	TYPICAL SECTIONS - OLINDA STREET		
CV-R3013-S14	TYPICAL SECTIONS - VALLEY FORGE AND EAST AVENUE R11		
GRADE SEPARATION PLANS, PROFILES AND TYPICAL SECTIONS			
CV-T4007-S14	GRADE SEPARATION PLAN - EAST AVENUE S - SHEET 1 OF 3		
CV-T4008-S14	GRADE SEPARATION PLAN - EAST AVENUE S - SHEET 2 OF 3		
CV-T4009-S14	GRADE SEPARATION PLAN - EAST AVENUE S - SHEET 3 OF 3		
CV-T4019-S14	GRADE SEPARATION PLAN - BRANFORD STREET AND SANFERNANDO ROAD "SFR1" - SHEET 1 OF 2		
CV-T4020-S14	GRADE SEPARATION PLAN - BRANFORD STREET - SHEET 2 OF 2		
CV-T1007-S14	GRADE SEPARATION PROFILE - EAST AVENUE S - SHEET 1 OF 3		
CV-T1008-S14	GRADE SEPARATION PROFILE - EAST AVENUE S - SHEET 2 OF 3		
CV-T1009-S14	GRADE SEPARATION PROFILE - EAST AVENUE S - SHEET 3 OF 3		
CV-T1015-S14	GRADE SEPARATION PROFILE - BRANFORD STREET		
CV-T3001-S14	TYPICAL SECTIONS - EAST AVENUE S - SHEET 1 OF 2		
CV-T3002-S14	TYPICAL SECTIONS - EAST AVENUE S - SHEET 2 OF 2		

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
D. CORDOBA
CHECKED BY
I. LAQUIDAIN
IN CHARGE
A. RELAÑO
DATE
12/30/2023

**PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION**



**CALIFORNIA
HIGH-SPEED RAIL AUTHORITY**

**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14/E1/E2"
ROADWAYS AND GRADE SEPARATIONS
INDEX OF DRAWINGS
SHEET 1 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0001
SCALE
NO SCALE
SHEET NO.

ROADWAY/GRADE SEPARATION SHEETS

E1 CENTRAL SUBSECTION

DRAWING NO.	DRAWING DESCRIPTION
	KEY MAPS
CV-B0001-E1	ROADWAYS AND GRADE SEPARATION PLAN - KEY MAP - SHEET 1 OF 4
CV-B0002-E1	ROADWAYS AND GRADE SEPARATION PLAN - KEY MAP - SHEET 2 OF 4
CV-B0003-E1	ROADWAYS AND GRADE SEPARATION PLAN - KEY MAP - SHEET 3 OF 4
CV-B0004-E1	ROADWAYS AND GRADE SEPARATION PLAN - KEY MAP - SHEET 4 OF 4
	ROADWAY PLANS, PROFILES AND TYPICAL SECTIONS
CV-R4006-E1	ROADWAY PLAN - SIERRA HIGHWAY "SH-1" - SHEET 1 OF 4
CV-R4007-E1	ROADWAY PLAN - SIERRA HIGHWAY "SH-1" AND WATER TREATMENT PLANT ACCESS RD 2 - SHEET 2 OF 4
CV-R4008-E1	ROADWAY PLAN - SIERRA HIGHWAY "SH-1" - SHEET 3 OF 4
CV-R4009-E1	ROADWAY PLAN - SIERRA HIGHWAY "SH-1" - SHEET 4 OF 4
CV-R4018-E1	ROADWAY PLAN - ANGELES FOREST HIGHWAY, W CARSON MESA ROAD AND MOUNTAIN SPRINGS ROAD
CV-R4019-E1	ROADWAY PLAN - ANGELES FOREST HIGHWAY
CV-R4020-E1	ROADWAY PLAN - ANGELES FOREST HIGHWAY AND ROUTE 14 EB OFF-RAMP
CV-R4022-E1	ROADWAY PLAN - SIERRA HIGHWAY "SH-2" AND ROUTE 14 EB ON-RAMP
CV-R4023-E1	ROADWAY PLAN - SIERRA HIGHWAY "SH-3"
CV-R4030-E1	ROADWAY PLAN - SHELDON ST, PRIVATE RD 1, RALSTON AVE, LADWP RD AND ACCESS RD
CV-R4040-E1	ROADWAY PLAN - TUXFORD STREET
CV-R4041-E1	ROADWAY PLAN - OLINDA STREET AND SAN FERNANDO ROAD
CV-R1006-E1	ROADWAY PROFILE - SIERRA HIGHWAY "SH-1" - SHEET 1 OF 4
CV-R1007-E1	ROADWAY PROFILE - SIERRA HIGHWAY "SH-1" - SHEET 2 OF 4
CV-R1008-E1	ROADWAY PROFILE - SIERRA HIGHWAY "SH-1" - SHEET 3 OF 4
CV-R1009-E1	ROADWAY PROFILE - SIERRA HIGHWAY "SH-1" AND WATER TREATMENT PLANT ACCESS RD 2 - SHEET 4 OF 4
CV-R1009A-E1	ROADWAY PROFILE - EAST TENTH STREET
CV-R1010-E1	ROADWAY PROFILE - SIERRA HIGHWAY "SH-2" - SHEET 1 OF 2
CV-R1011-E1	ROADWAY PROFILE - SIERRA HIGHWAY "SH-2" - SHEET 2 OF 2
CV-R1012-E1	ROADWAY PROFILE - SIERRA HIGHWAY "SH-3" - SHEET 1 OF 2
CV-R1013-E1	ROADWAY PROFILE - SIERRA HIGHWAY "SH-3" - SHEET 2 OF 2
CV-R1014-E1	ROADWAY PROFILE - MOUNTAIN SPRINGS ROAD
CV-R1018-E1	ROADWAY PROFILE - ANGELES FOREST HIGHWAY AND W CARSON MESA ROAD
CV-R1019-E1	ROADWAY PROFILE - ANGELES FOREST HIGHWAY - SHEET 1 OF 2
CV-R1020-E1	ROADWAY PROFILE - ANGELES FOREST HIGHWAY - SHEET 2 OF 2
CV-R1021-E1	ROADWAY PROFILE - ROUTE 14 EB OFF-RAMP
CV-R1022-E1	ROADWAY PROFILE - ROUTE 14 EB ON-RAMP
CV-R1023-E1	ROADWAY PROFILE - VALLEY FORGE AND E AVENUE R 11
CV-R1024-E1	ROADWAY PROFILE - CARSON MESA ACCESS ROAD
CV-R1025-E1	ROADWAY PROFILE - SAN FERNANDO ROAD "SFR"
CV-R1026-E1	ROADWAY PROFILE - SAN FERNANDO ROAD "SFB"
CV-R1027-E1	ROADWAY PROFILE - SAN FERNANDO ROAD "SFR1"
CV-R1029-E1	ROADWAY PROFILE - SHELDON STREET
CV-R1030-E1	ROADWAY PROFILE - OLINDA STREET
CV-R1031-E1	ROADWAY PROFILE - TUXFORD STREET
CV-R3001-E1	TYPICAL SECTIONS - SIERRA HIGHWAY - SHEET 1 OF 2
CV-R3002-E1	TYPICAL SECTIONS - SIERRA HIGHWAY - SHEET 2 OF 2
CV-R3003-E1	TYPICAL SECTIONS - ROUTE 14 EB ON-RAMP AND ROUTE 14 EB OFF-RAMP
CV-R3004-E1	TYPICAL SECTIONS - SIERRA HIGHWAY AND ANGELES FOREST HIGHWAY
CV-R3005-E1	TYPICAL SECTIONS - EAST TENTH STREET AND WATER TREATMENT PLANT ACCESS RD 2
CV-R3006-E1	TYPICAL SECTIONS - W CARSON MESA ROAD AND MOUNTAIN SPRINGS RD
CV-R3009-E1	TYPICAL SECTIONS - SAN FERNANDO ROAD - SHEET 1 OF 2
CV-R3010-E1	TYPICAL SECTIONS - SAN FERNANDO ROAD - SHEET 2 OF 2
CV-R3011-E1	TYPICAL SECTIONS - TUXFORD STREET
CV-R3012-E1	TYPICAL SECTIONS - OLINDA STREET
CV-R3013-E1	TYPICAL SECTIONS - BRANFORD ST, RALSTON AVE AND ACCESS RD
CV-R3014-E1	TYPICAL SECTIONS - SHELDON ST, PRIVATE ROAD 1 AND LADWP RD

VOLUME
II OF II

E1 CENTRAL SUBSECTION

DRAWING NO.	DRAWING DESCRIPTION
	GRADE SEPARATION PLANS, PROFILES AND TYPICAL SECTIONS
CV-T4007-E1	GRADE SEPARATION PLAN - EAST AVENUE S - SHEET 1 OF 3
CV-T4008-E1	GRADE SEPARATION PLAN - EAST AVENUE S - SHEET 2 OF 3
CV-T4009-E1	GRADE SEPARATION PLAN - EAST AVENUE S - SHEET 3 OF 3
CV-T4010-E1	GRADE SEPARATION PLAN - BRANDFORD ST AND SAN FERNANDO RD "SFR1" - SHEET 1 OF 2
CV-T4011-E1	GRADE SEPARATION PLAN - BRANDFORD ST - SHEET 2 OF 2
CV-T4015-E1	GRADE SEPARATION PLAN - FORESTON DRIVE AND FORESTON ACCESS ROAD
CV-T4016-E1	GRADE SEPARATION PLAN - FORESTON DRIVE
CV-T4017-E1	GRADE SEPARATION PLAN - ALISO CANYON ROAD AND ACCESS ROAD 3
CV-T4018-E1	GRADE SEPARATION PLAN - ALISO CANYON ROAD
CV-T1007-E1	GRADE SEPARATION PROFILE - EAST AVENUE S - SHEET 1 OF 3
CV-T1008-E1	GRADE SEPARATION PROFILE - EAST AVENUE S - SHEET 2 OF 3
CV-T1009-E1	GRADE SEPARATION PROFILE - EAST AVENUE S - SHEET 3 OF 3
CV-T1010-E1	GRADE SEPARATION PROFILE - BRANFORD STREET
CV-T1016-E1	GRADE SEPARATION PROFILE - FORESTON DRIVE - SHEET 1 OF 2
CV-T1017-E1	GRADE SEPARATION PROFILE - FORESTON DRIVE - SHEET 2 OF 2
CV-T1018-E1	GRADE SEPARATION PROFILE - ALISO CANYON ROAD - SHEET 1 OF 2
CV-T1019-E1	GRADE SEPARATION PROFILE - ALISO CANYON ROAD - SHEET 2 OF 2
CV-T3001-E1	TYPICAL SECTIONS - FORESTON DRIVE
CV-T3002-E1	TYPICAL SECTIONS - ALISO CANYON ROAD
CV-T3003-E1	TYPICAL SECTIONS - EAST AVENUE S - SHEET 1 OF 2
CV-T3004-E1	TYPICAL SECTIONS - EAST AVENUE S - SHEET 2 OF 2
	ACCESS ROAD PLANS, PROFILES AND TYPICAL SECTIONS
CV-Y4001-E1	ACCESS ROAD PLAN - EAST ADIT ACCESS ROAD
CV-Y1001-E1	ACCESS ROAD PROFILE - FORESTON ACCESS ROAD AND ACCESS ROAD 3 - PORTAL 3
CV-Y1002-E1	ACCESS ROAD PROFILE - EAST ADIT ACCESS ROAD
CV-Y3001-E1	TYPICAL SECTIONS - VALLEY FORGE AND EAST AVE R11
CV-Y3002-E1	TYPICAL SECTIONS - CARSON MESA ACCESS ROAD AND ACCESS ROAD 3
CV-Y3003-E1	TYPICAL SECTIONS - EAST ADIT ACCESS ROAD

VOLUME
II OF II

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J.C. ALAMILLA
DRAWN BY A. SANZ
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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 "REFINED SR14/E1/E2"
ROADWAYS AND GRADE SEPARATIONS
INDEX OF DRAWINGS
SHEET 2 OF 3

CONTRACT NO. HSR14-42
DRAWING NO. CV-B0002
SCALE NO SCALE
SHEET NO.

ROADWAY/GRADE SEPARATION SHEETS

E2 CENTRAL SUBSECTION

DRAWING NO.	DRAWING DESCRIPTION
	KEY MAP
CV-B0001-E2	ROADWAY AND GRADE SEPARATION PLAN - KEY MAP - SHEET 1 OF 3
CV-B0002-E2	ROADWAY AND GRADE SEPARATION PLAN - KEY MAP - SHEET 2 OF 3
CV-B0003-E2	ROADWAY AND GRADE SEPARATION PLAN - KEY MAP - SHEET 3 OF 3
	ROADWAY PLANS, PROFILES AND TYPICAL SECTIONS
CV-R4006-E2	ROADWAY PLAN - SIERRA HIGHWAY "SH-1" - SHEET 1 OF 4
CV-R4007-E2	ROADWAY PLAN - SIERRA HIGHWAY "SH-1" AND WATER TREATMENT PLANT ACCESS RD 2 - SHEET 2 OF 4
CV-R4008-E2	ROADWAY PLAN - SIERRA HIGHWAY "SH-1" - SHEET 3 OF 4
CV-R4009-E2	ROADWAY PLAN - SIERRA HIGHWAY "SH-1" - SHEET 4 OF 4
CV-R4018-E2	ROADWAY PLAN - ANGELES FOREST HWY, W CARSON MESA ROAD AND MOUNTAIN SPRINGS RD
CV-R4019-E2	ROADWAY PLAN - ANGELES FOREST HIGHWAY
CV-R4020-E2	ROADWAY PLAN - SIERRA HIGHWAY "SH-2", ANGELES FOREST HIGHWAY AND ROUTE 14 EB OFF-RAMP
CV-R4022-E2	ROADWAY PLAN - SIERRA HIGHWAY "SH-3" AND ROUTE 14 EB ON-RAMP
CV-R4023-E2	ROADWAY PLAN - SIERRA HIGHWAY "SH-3"
CV-R4025-E2	ROADWAY PLAN - WENTWORTH STREET - SHEET 1 OF 3
CV-R4026-E2	ROADWAY PLAN - WENTWORTH STREET - SHEET 2 OF 3
CV-R4027-E2	ROADWAY PLAN - WENTWORTH STREET - SHEET 3 OF 3
CV-R1006-E2	ROADWAY PROFILE - SIERRA HIGHWAY "SH-1" - SHEET 1 OF 4
CV-R1007-E2	ROADWAY PROFILE - SIERRA HIGHWAY "SH-1" - SHEET 2 OF 4
CV-R1008-E2	ROADWAY PROFILE - SIERRA HIGHWAY "SH-1" - SHEET 3 OF 4
CV-R1009-E2	ROADWAY PROFILE - SIERRA HIGHWAY "SH-1" AND WATER TREATMENT PLANT ACCESS RD 2 - SHEET 4 OF 4
CV-R1009A-E2	ROADWAY PROFILE - EAST TENTH STREET
CV-R1010-E2	ROADWAY PROFILE - SIERRA HIGHWAY "SH-2" - SHEET 1 OF 2
CV-R1011-E2	ROADWAY PROFILE - SIERRA HIGHWAY "SH-2" - SHEET 2 OF 2
CV-R1012-E2	ROADWAY PROFILE - SIERRA HIGHWAY "SH-3" - SHEET 1 OF 2
CV-R1013-E2	ROADWAY PROFILE - SIERRA HIGHWAY "SH-3" - SHEET 2 OF 2
CV-R1014-E2	ROADWAY PROFILE - MOUNTAIN SPRINGS ROAD
CV-R1018-E2	ROADWAY PROFILE - ANGELES FOREST HIGHWAY AND W CARSON MESA ROAD
CV-R1019-E2	ROADWAY PROFILE - ANGELES FOREST HIGHWAY - SHEET 1 OF 2
CV-R1020-E2	ROADWAY PROFILE - ANGELES FOREST HIGHWAY - SHEET 2 OF 2
CV-R1021-E2	ROADWAY PROFILE - ROUTE 14 EB OFF-RAMP
CV-R1022-E2	ROADWAY PROFILE - ROUTE 14 EB ON-RAMP
CV-R1023-E2	ROADWAY PROFILE - VALLEY FORGE AND E AVENUE R 11
CV-R1024-E2	ROADWAY PROFILE - CARSON MESA ACCESS ROAD
CV-R1025-E2	ROADWAY PROFILE - WENTWORTH STREET - SHEET 1 OF 3
CV-R1026-E2	ROADWAY PROFILE - WENTWORTH STREET - SHEET 2 OF 3
CV-R1027-E2	ROADWAY PROFILE - WENTWORTH STREET - SHEET 3 OF 3
CV-R3001-E2	TYPICAL SECTIONS - SIERRA HIGHWAY - SHEET 1 OF 2
CV-R3002-E2	TYPICAL SECTIONS - SIERRA HIGHWAY - SHEET 2 OF 2
CV-R3003-E2	TYPICAL SECTIONS - ROUTE 14 EB ON-RAMP AND ROUTE 14 EB OFF-RAMP
CV-R3004-E2	TYPICAL SECTIONS - SIERRA HIGHWAY AND ANGELES FOREST HIGHWAY
CV-R3005-E2	TYPICAL SECTIONS - EAST TENTH STREET AND WATER TREATMENT PLANT ACC RD 2
CV-R3006-E2	TYPICAL SECTIONS - MOUNTAIN SPRINGS ROAD AND W CARSON MESA ROAD
CV-R3007-E2	TYPICAL SECTIONS - WENTWORTH STREET - SHEET 1 OF 2
CV-R3008-E2	TYPICAL SECTIONS - WENTWORTH STREET - SHEET 2 OF 2
	GRADE SEPARATION PLANS, PROFILES AND TYPICAL SECTIONS
CV-T4007-E2	GRADE SEPARATION PLAN - EAST AVENUE S - SHEET 1 OF 3
CV-T4008-E2	GRADE SEPARATION PLAN - EAST AVENUE S - SHEET 2 OF 3
CV-T4009-E2	GRADE SEPARATION PLAN - EAST AVENUE S - SHEET 3 OF 3
CV-T4015-E2	GRADE SEPARATION PLAN - FORESTON DRIVE AND FORESTON ACCESS ROAD
CV-T4016-E2	GRADE SEPARATION PLAN - FORESTON DRIVE
CV-T4017-E2	GRADE SEPARATION PLAN - ALISO CANYON ROAD AND ACCESS ROAD 3
CV-T4018-E2	GRADE SEPARATION PLAN - ALISO CANYON ROAD
CV-T1007-E2	GRADE SEPARATION PROFILE - EAST AVENUE S - SHEET 1 OF 3
CV-T1008-E2	GRADE SEPARATION PROFILE - EAST AVENUE S - SHEET 2 OF 3
CV-T1009-E2	GRADE SEPARATION PROFILE - EAST AVENUE S - SHEET 3 OF 3
CV-T1016-E2	GRADE SEPARATION PROFILE - FORESTON DRIVE - SHEET 1 OF 2
CV-T1017-E2	GRADE SEPARATION PROFILE - FORESTON DRIVE - SHEET 2 OF 2
CV-T1018-E2	GRADE SEPARATION PROFILE - ALISO CANYON ROAD - SHEET 1 OF 2
CV-T1019-E2	GRADE SEPARATION PROFILE - ALISO CANYON ROAD - SHEET 2 OF 2
CV-T3001-E2	TYPICAL SECTIONS - FORESTON DRIVE
CV-T3002-E2	TYPICAL SECTIONS - ALISO CANYON ROAD
CV-T3003-E2	TYPICAL SECTIONS - EAST AVENUE S - SHEET 1 OF 2
CV-T3004-E2	TYPICAL SECTIONS - EAST AVENUE S - SHEET 2 OF 2

VOLUME
II OF II

E2 CENTRAL SUBSECTION

DRAWING NO.	DRAWING DESCRIPTION
	ACCESS ROAD PLANS, PROFILES AND TYPICAL SECTIONS
CV-Y4001-E2	ACCESS ROAD PLAN - ACCESS ROAD 4
CV-Y4002-E2	ACCESS ROAD PLAN - ACCESS ROAD 5
CV-Y4003-E2	ACCESS ROAD PLAN - WEST ADIT ACCESS ROAD
CV-Y1001-E2	ACCESS ROAD PROFILE - FORESTON ACCESS ROAD AND ACCESS ROAD 3 - PORTAL 3
CV-Y1002-E2	ACCESS ROAD PROFILE - ACCESS ROAD 4
CV-Y1003-E2	ACCESS ROAD PROFILE - ACCESS ROAD 5 AND WEST ADIT ACCESS ROAD
CV-Y3001-E2	TYPICAL SECTIONS - VALLEY FORGE AND EAST AVE R11
CV-Y3002-E2	TYPICAL SECTIONS - ACCESS ROAD 4, ACCESS ROAD 5 AND WEST ADIT ACCESS ROAD
CV-Y3003-E2	TYPICAL SECTIONS - CARSON MESA ACCESS ROAD AND ACCESS ROAD 3

VOLUME
II OF II

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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 "REFINED SR14/E1/E2"
ROADWAYS AND GRADE SEPARATIONS
INDEX OF DRAWINGS
SHEET 3 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0003
SCALE
NO SCALE
SHEET NO.

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A
AB AGGREGATE BASE
ABN ABANDON
ABUT ABUTMENT
AC ASPHALT CONCRETE
ACB ASPHALT CONCRETE BASE
ADJ ADJUST
AHD AHEAD
ALT ALTERNATE
AM TIME FROM MIDNIGHT TO NOON
APPROX APPROXIMATE
AR ACCESS RESTRICTION
AS AGGREGATE SUBBASE
ATPB ASPHALT TREATED PERMEABLE BASE
ATPM ASPHALT TREATED PERMEABLE MATERIAL
AVE AVENUE
AVG AVERAGE
@ AT

B
BAGR BRIDGE APPROACH GUARD RAILING
BB BEGINNING OF BRIDGE
BC BEGIN HORIZONTAL CURVE
BCR BEGIN CURB RETURN
BEG BEGIN
BIT CTD BITUMINOUS COATED
BK BACK
BKF BACKFILL
BLDG BUILDING
BLVD BOULEVARD
BM BENCH MARK
BOT BOTTOM
B-P BAKERSFIELD TO PALMDALE
BR BRIDGE
BRG BEARING
BVC BEGIN VERTICAL CURVE
BW BARBED WIRE

C
CAA CABLE ANCHOR ASSEMBLY
CAS CONSTRUCTION AREA SIGN
CB CONCRETE BARRIER
CBW CONCRETE BLOCK WALL
C-C CENTER TO CENTER
CHSRA CALIFORNIA HIGH SPEED RAIL AUTHORITY
CHST CALIFORNIA HIGH SPEED TRAIN
CHSR CALIFORNIA HIGH SPEED RAIL
CG CENTER OF GRAVITY
CHNL CHANNEL
CI CAST IRON
CIDH CAST-IN-DRILLED-HOLE
CL CENTERLINE, CLASS
CL2 CLASS 2
CL-6 CHAIN LINK FENCE (6 FT)
CLR CLEAR, CLEARANCE
CO COUNTY
COL COLUMN
CONC CONCRETE
CONN CONNECTOR
CONST CONSTRUCT, CONSTRUCTION
CONT CONTINUOUS
COORD COORDINATE

C CONTINUED
CR CREEK
CRCP CONTINUOUS REINFORCED CONCRETE PAVEMENT
CRSP CONCRETED ROCK SLOPE PROTECTION
CS CURVE TO SPIRAL
CTB CEMENT TREATED BASE
CTPB CEMENT TREATED PERMEABLE BASE
CTPM CEMENT TREATED PERMEABLE MATERIAL
CTRS CENTERS
☉ CENTERLINE

D
D DEPTH
DBL DOUBLE
DEG DEGREE
DEL DELINEATOR
DET DETAIL, DETOUR
DI DRAINAGE INLET, DROP INLET
DIA DIAMETER
DIAPH DIAPHRAGM
DIST DISTANCE, DISTRICT
DMBB DOUBLE METAL BEAM BARRIER
DR DRIVE
DTBB DOUBLE THRIE BEAM BARRIER
DWY DRIVEWAY

E
E EAST, EASTING
EA ACTUAL SUPERELEVATION
EU UNBALANCED SUPERELEVATION
EASE EASEMENT
EB END OF BRIDGE
EC END HORIZONTAL CURVE
ECR END CURB RETURN
ELEV ELEVATION
ELLN EXTRALEGAL LEAD NETWORK
EMB EMBANKMENT
ENGR ENGINEER
EOD EDGE OF DECK
EP EDGE OF PAVEMENT
EQ EQUATION, EQUAL
ES EDGE OF SHOULDER
ETW EDGE OF TRAVELED WAY
EVC END VERTICAL CURVE
EW ENDWALL
EXC EXCAVATION
EXIST, EX. EXISTING
EXP EXPANSION
EXP JT EXPANSION JOINT
EXWY EXPRESSWAY
EXT EXTERIOR

F
FEBT FACING EASTBOUND TRAFFIC
FG FINISHED GRADE
FL FLOW LINE
FNBT FACING NORTHBOUND TRAFFIC
FOC FACE OF CONCRETE
FR RD FRONTAGE ROAD
FS FAR SIDE, FINISHED SURFACE
FSBT FACING SOUTHBOUND TRAFFIC
FT FOOT, FEET

F CONTINUED
FTG FOOTING
FWBT FACING WESTBOUND TRAFFIC
FWY FREEWAY
GP GRADING PLANE
GR GUARD RAILING
GSP GALVANIZED STEEL PIPE
GTR GUTTER

G
H HEIGHT
HDC HIGH DESERT CORRIDOR
HR HOUR
HMA HOT MIXED ASPHALT
HORIZ HORIZONTAL
HP HINGE POINT, HORSEPOWER
HST HIGH SPEED TRAIN
HSR HIGH SPEED RAIL
HWY HIGHWAY

I
IB IMPORTED BORROW
ID INSIDE DIAMETER
IF INSIDE FACE
IN INCH, INCHES
INT INTERIOR
INV INVERT
IRR IRRIGATION

J
JCT JUNCTION
JPCP JOINTED PLAIN CONCRETE PAVEMENT
JT JOINT

K
K DISTANCE TO ACHIEVE 1% GRADE CHANGE

L
L LENGTH
LAT LATITUDE
LCB LEAN CONCRETE BASE
LMF LIGHT MAINTENANCE FACILITY
LN LANE
LOC LOCATION
LOL LAYOUT LINE
LONG LONGITUDE
LONGIT LONGITUDINAL
LT LEFT

M
MAINT MAINTENANCE
MAX MAXIMUM
MB METAL BEAM
MBB METAL BEAM BARRIER
MBGR METAL BEAM GUARD RAILING
MED MEDIAN
MIN MINIMUM
MISC MISCELLANEOUS
M/L MAIN LINE (RAILWAY)
MOD MODIFIED, MODIFY
MON MONUMENT

M CONTINUED
MP METAL PLATE
MPGR METAL PLATE GUARD RAILING
MPH MILES PER HOUR
MSE MECHANICALLY STABILIZED EARTH
MTL MATERIAL
MT MAIN TRACK

N
N NORTH, NORTHING
NB NORTHBOUND
NO. NUMBER (MUST HAVE PERIOD)
NOS. NUMBERS (MUST HAVE PERIOD)
NS NEAR SIDE
NTS NOT TO SCALE
N/A NOT APPLICABLE

O
OBLR OBLITERATE
OC OVERCROSSING
OD OUTSIDE DIAMETER
OF OUTSIDE FACE
OG ORIGINAL GROUND
OGAC OPEN GRADED ASPHALT CONCRETE
OH OVERHEAD

P
P PAGE
PB PULL BOX
P-B PALMDALE TO BURBANK
PC POINT OF CURVATURE, PRECAST
PCC POINT OF COMPOUND CURVE, PORTLAND CEMENT CONCRETE PERFORATED CONCRETE PIPE, PRESTRESSED CONCRETE PIPE

PCV POINT OF COMPOUND VERTICAL CURVE
PED PEDESTRIAN
PED OC PEDESTRIAN OVERCROSSING
PED UC PEDESTRIAN UNDERCROSSING
PG PROFILE GRADE
PI POINT OF INTERSECTION
PJP PARTIAL JOINT PENETRATION
PL, PL PLATE
P/L PROPERTY LINE
PM POST MILE, TIME FROM NOON TO MIDNIGHT
PN PAVING NOTCH
POB POINT OF BEGINNING
POC POINT OF HORIZONTAL CURVE
POE POINT OF ENDING
POT POINT OF TANGENT
POVC POINT OF VERTICAL CURVE
PP PIPE PILE, PLASTIC PIPE, POWER POLE
PPEF PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT

PRC POINT OF REVERSE CURVE
PROP PROPOSED
PRF POINT OF VERTICAL CURVE
PRVC PAVEMENT REINFORCING FABRIC
PS&E POINT OF REVERSE VERTICAL CURVE
PS,P/S PLANS, SPECIFICATIONS AND ESTIMATES
PSP PRESTRESSED, PARALLEL STATION
PT POINT OF TANGENCY
PVI POINT OF VERTICAL INTERSECTION

REPL REPLACEMENT
REL RELOCATE
REPL REPLACEMENT
RET RETAINING
REV REVISED
RDWY ROADWAY
RM ROAD-MIXED
RP RADIUS POINT, REFERENCE POINT
RR RAILROAD
RSP ROCK SLOPE PROTECTION
RT RIGHT
RTE ROUTE
RW REDWOOD, RETAINING WALL
R/W RIGHT OF WAY
RWY RAILWAY

P CONTINUED
PVMT PAVEMENT
PVP MAINTENANCE VEHICLE PULLOUT
PVMT PAVEMENT
PVP MAINTENANCE VEHICLE PULLOUT

Q
QTY QUANTITY

R
R RADIUS
RD ROAD
REINF REINFORCED, REINFORCEMENT, REINFORCING
REL RELOCATE
REPL REPLACEMENT
RET RETAINING
REV REVISED
RDWY ROADWAY
RM ROAD-MIXED
RP RADIUS POINT, REFERENCE POINT
RR RAILROAD
RSP ROCK SLOPE PROTECTION
RT RIGHT
RTE ROUTE
RW REDWOOD, RETAINING WALL
R/W RIGHT OF WAY
RWY RAILWAY

S
S SOUTH, SUPPLEMENT
SAE STRUCTURE APPROACH EMBANKMENT
SALV SALVAGE
SB SOUTHBOUND
SC SPIRAL TO CURVE
SCRRA SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
SD STORM DRAIN
SEC SECOND
SECT SECTION
SEP SEPARATION
SG SUBGRADE
SHLD SHOULDER
SHT SHEET
SIM SIMILAR
S STATION LINE
SM SELECTED MATERIAL
SPEC SPECIAL, SPECIFICATIONS
SS SLOPE STAKE, SPIRAL TO SPIRAL
SR STATE ROUTE
ST STREET, SPIRAL TO TANGENT
STA STATION
STBB SINGLE THRIE BEAM BARRIER
STD STANDARD
STR STRUCTURE
SRS STAND ALONE RADIO SITE
SURF SURFACING
SW SIDEWALK, SOUND WALL
SWR SEWER
SWS SWITCHING STATION

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 "REFINED SR14/E1/E2"
 ROADWAYS AND GRADE SEPARATIONS
 ABBREVIATIONS

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-B0004
 SCALE
NO SCALE
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

S CONTINUED

Y

GENERAL NOTES

- 1. THE FOLLOWING ARE ROADWAY DESIGN STANDARD AND GUIDELINES:
A. CALTRANS HIGHWAY DESIGN MANUAL (2016)
B. AASHTO ROADSIDE DESIGN GUIDE (2011)
C. APPLICABLE LOCAL DESIGN STANDARD AND GUIDELINES (I.E., CITY OF PALMDALE)
2. STA 296+82.67 (SPRUCE CT) IS THE NORTHERN LIMIT OF THE PALMDALE-BURBANK ENVIRONMENTAL DOCUMENT...

LEGEND

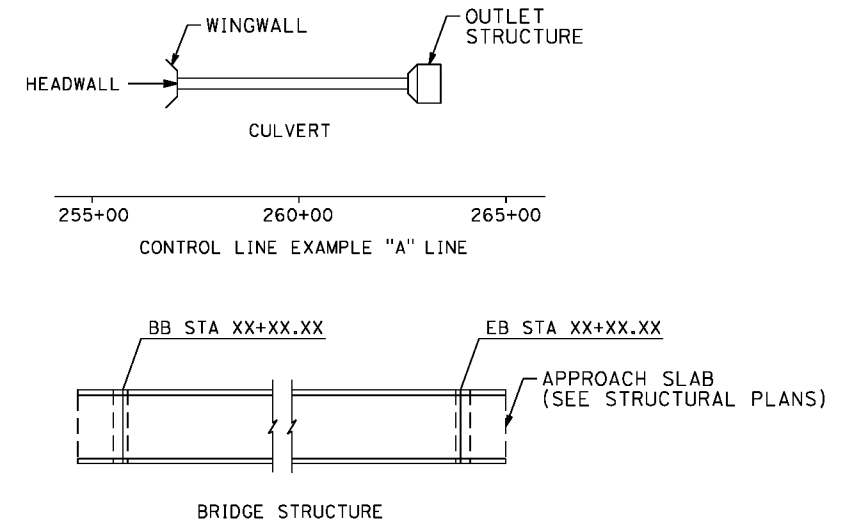
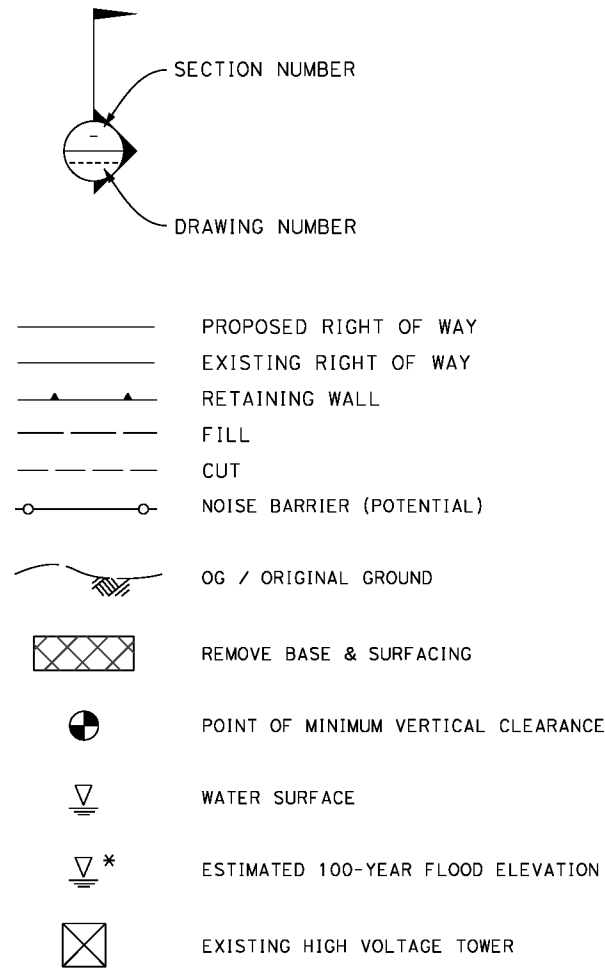


Table of abbreviations and their meanings: SYM SYMMETRICAL, T TANGENT, TAN TANGENT, TBB THRIE BEAM BARRIER, TC TOP OF CURB, TCE TEMPORARY CONSTRUCTION ENTRANCE, TEL TELEPHONE, TEMP TEMPORARY, TG TOP OF GRADE, TM TECHNICAL MEMORANDUM, TOT TOTAL, TP TELEPHONE POLE, TPB TREATED PERMEABLE BASE, TPM TREATED PERMEABLE MATERIAL, TPSS TRACTION POWER SUPPLY STATION, TRANS TRANSITION, TRANSVERSE, TS TRAFFIC SIGNAL, TUBULAR STEEL, TANGENT TO SPIRAL, TYP TYPICAL, TOR TOP OF RAIL, UC UNDERCROSSING, UD UNDERDRAIN, UON UNLESS OTHERWISE NOTED, UP UNDERPASS, UPRR UNION PACIFIC RAILROAD, USFWS UNITED STATES FISH AND WILDLIFE SERVICE, V VALVE, DESIGN SPEED, VAR VARIABLE, VC VERTICAL CURVE, VERT VERTICAL, VIA VIADUCT, VOL VOLUME, W WEST, WIDTH, WB WESTBOUND, WH WEEP HOLE, WM WIRE MESH, WS WATER SURFACE, WT WEIGHT, WW WINGWALL, WWLOL WINGWALL LAYOUT LINE, W/ WITH, X SEC CROSS SECTION, XING CROSSING

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Revision table with columns: REV, DATE, BY, CHK, APP, DESCRIPTION

Design information table: 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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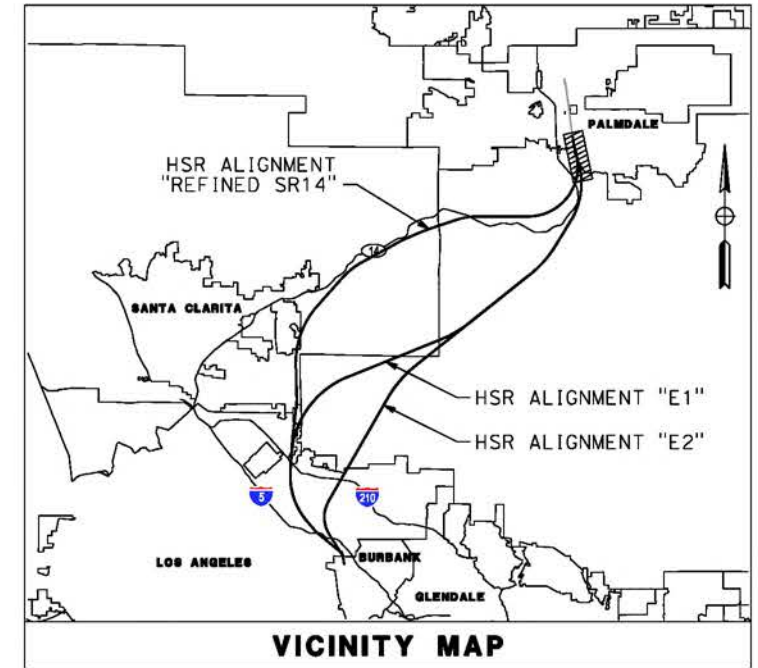
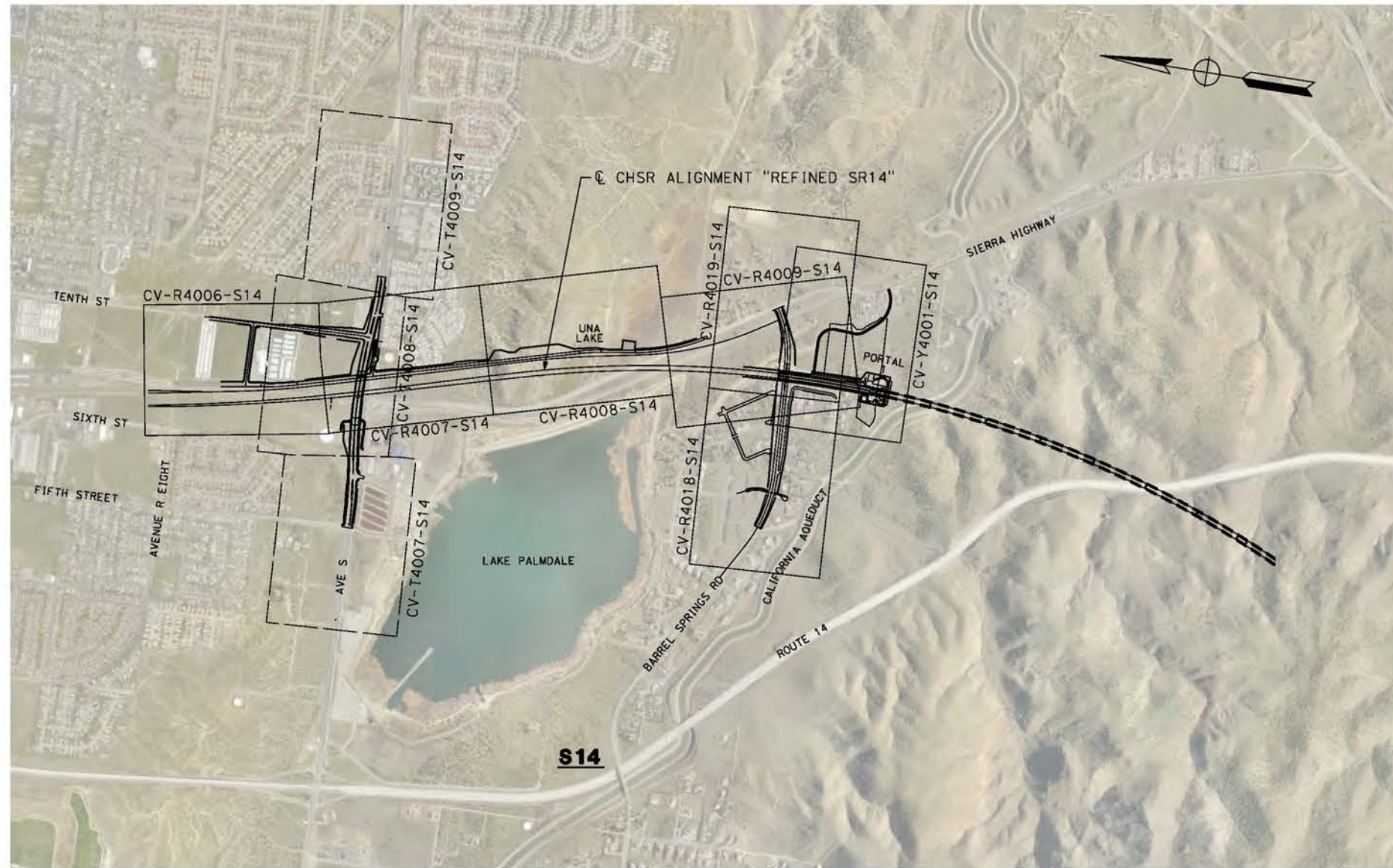
CALIFORNIA HIGH-SPEED RAIL PROJECT PALMDALE TO BURBANK ALIGNMENT "REFINED SR14/E1/E2" ROADWAYS AND GRADE SEPARATIONS ABBREVIATIONS AND LEGEND

Project information table: CONTRACT NO. HSR14-42, DRAWING NO. CV-B0005, SCALE NO SCALE, SHEET NO.



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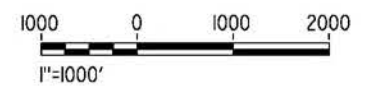
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LEGEND:

-  ROADWAY PLAN AND ACCESS ROAD PLAN
-  GRADE SEPARATION PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

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

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REV 02
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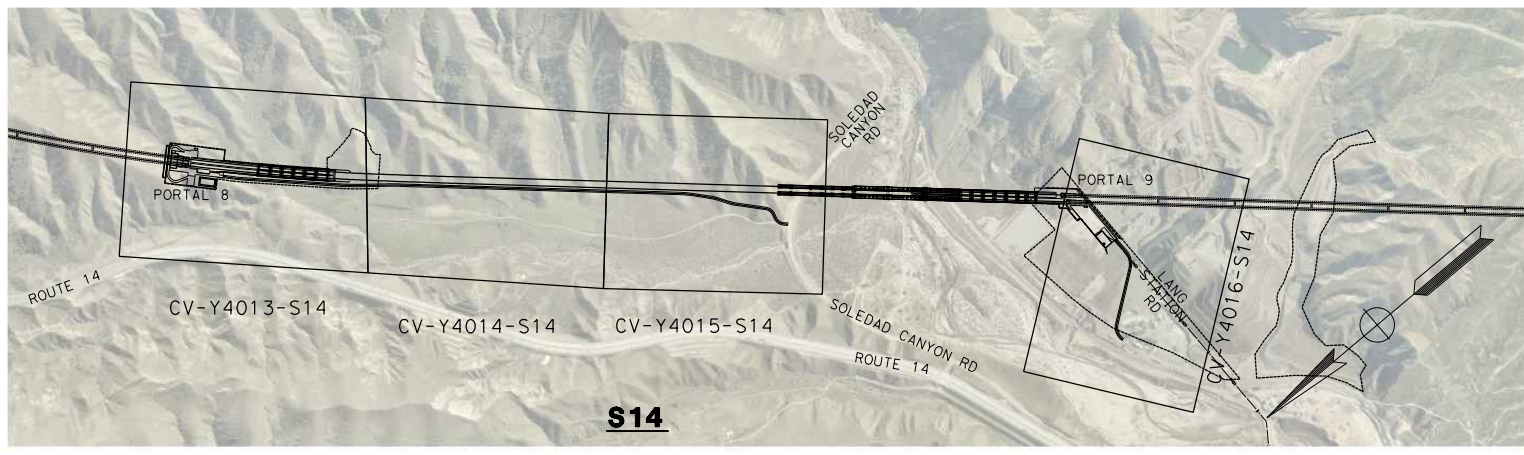
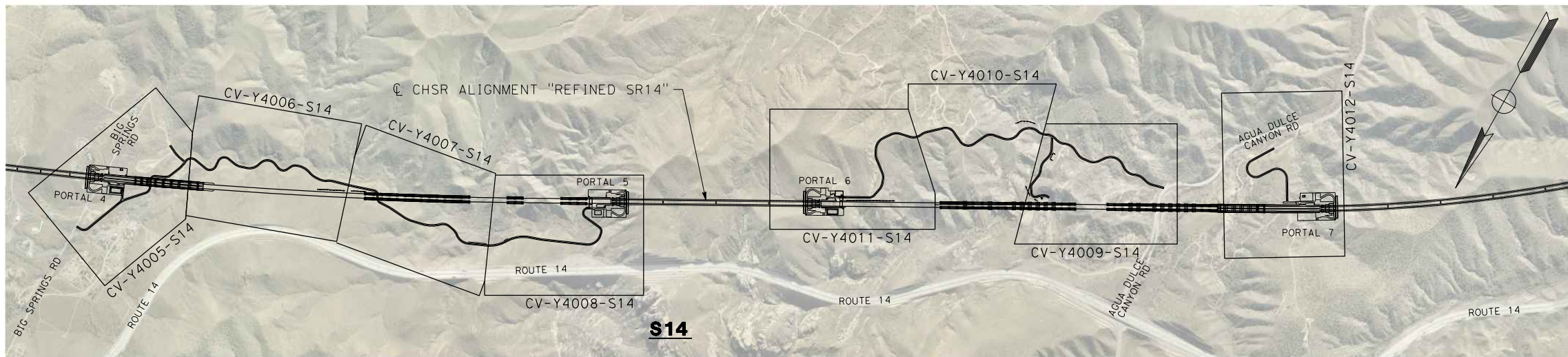
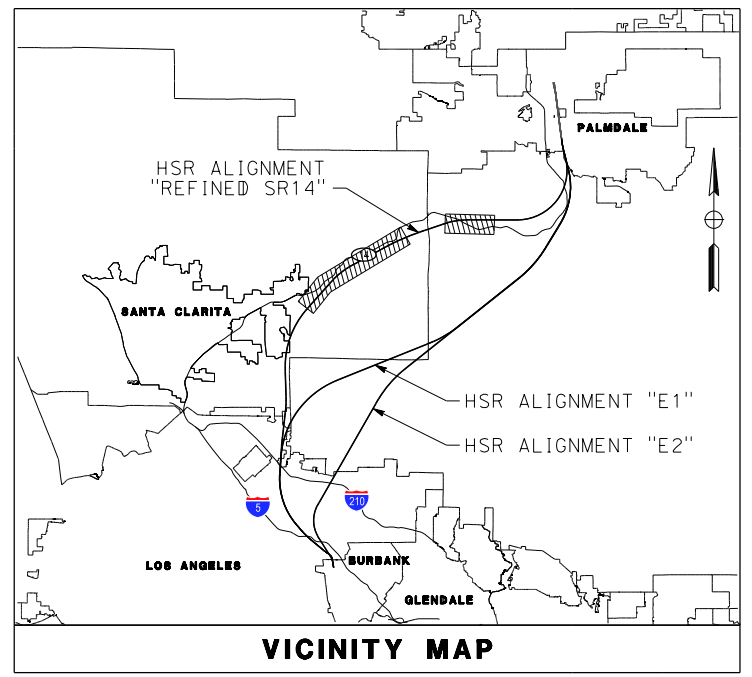
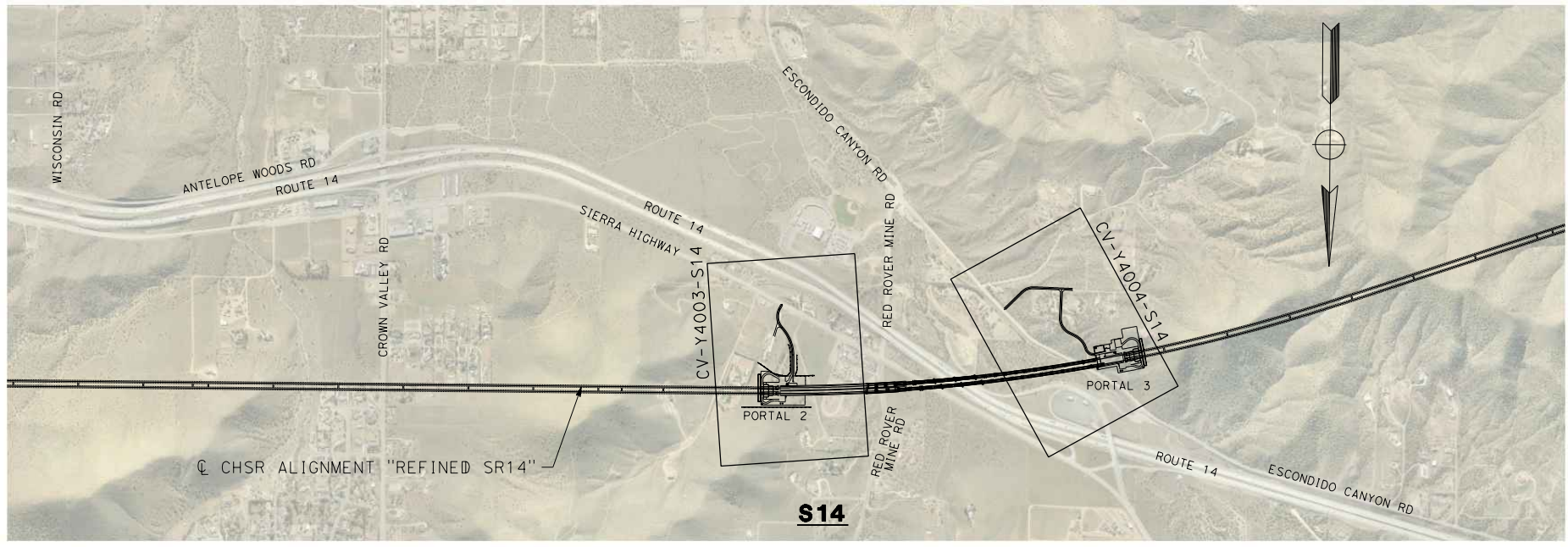
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ROADWAY AND GRADE SEPARATION PLAN
KEY MAP
SHEET 1 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0001-S14
SCALE
AS SHOWN
SHEET NO.

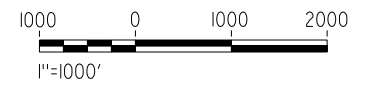
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LEGEND:
 ROADWAY PLAN AND ACCESS ROAD PLAN

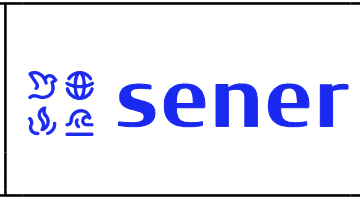


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
D. CORDOBA
 CHECKED BY
I. LAQUIDAIN
 IN CHARGE
A. RELAÑO
 DATE
12/30/2023

**PEPD RECORD SET
REV 02**

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CONSTRUCTION**



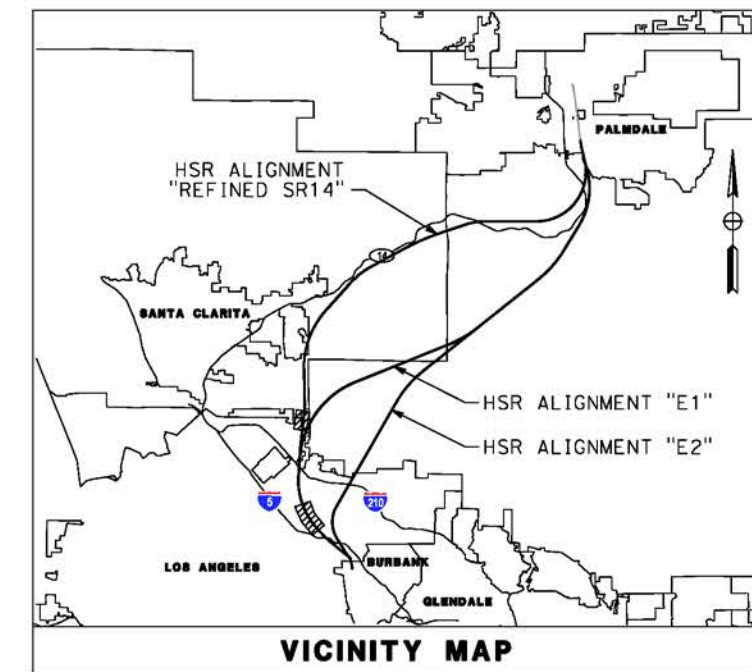
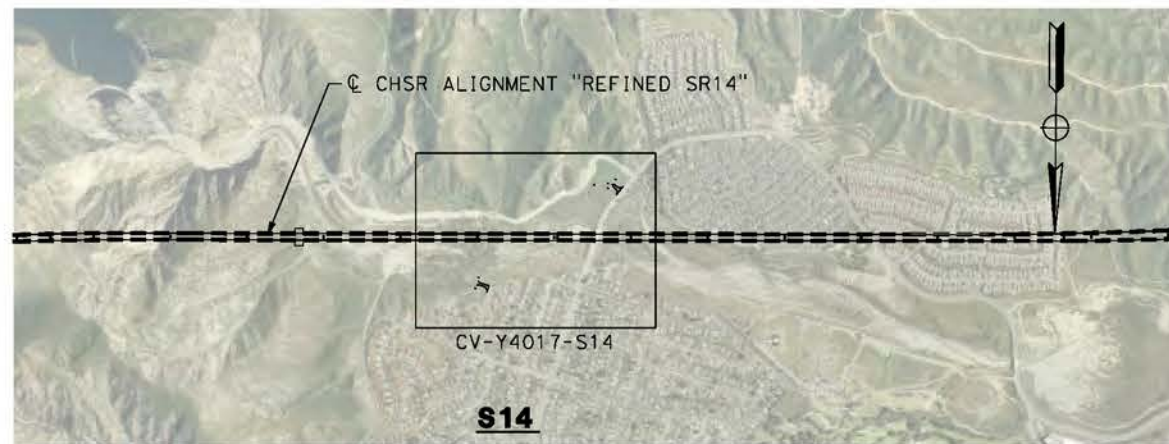
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "REFINED SR14"
 ROADWAY AND GRADE SEPARATION PLAN
 KEY MAP
 SHEET 2 OF 4

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-B0002-S14
 SCALE
AS SHOWN
 SHEET NO.

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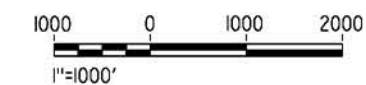
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LEGEND:

- ROADWAY PLAN AND ACCESS ROAD PLAN
- GRADE SEPARATION PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

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

**PEPD RECORD SET
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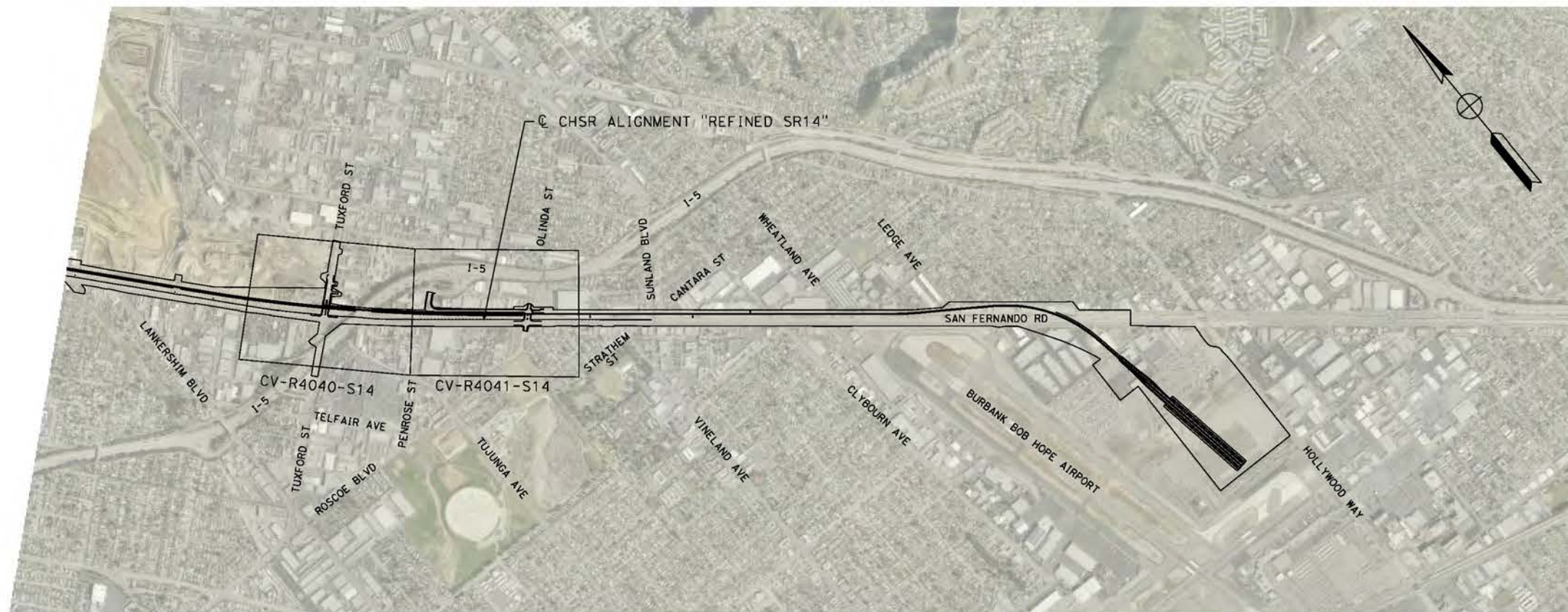
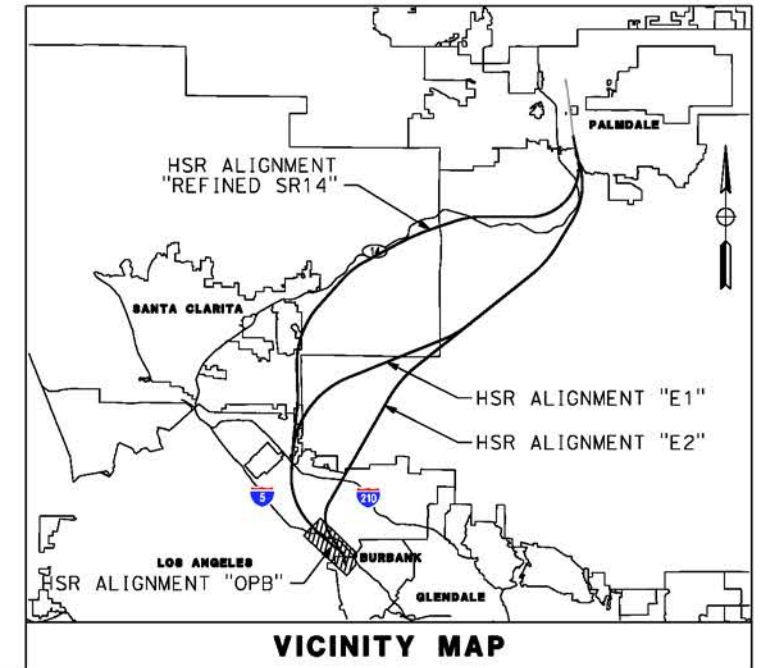
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ROADWAY AND GRADE SEPARATION PLAN
KEY MAP
SHEET 3 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0003-S14
SCALE
AS SHOWN
SHEET NO.

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S14

LEGEND:

ROADWAY 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 "REFINED SR14"

ROADWAY AND GRADE SEPARATION PLAN

KEY MAP

SHEET 4 OF 4

CONTRACT NO.
HSR14-42

DRAWING NO.
CV-B0004-S14

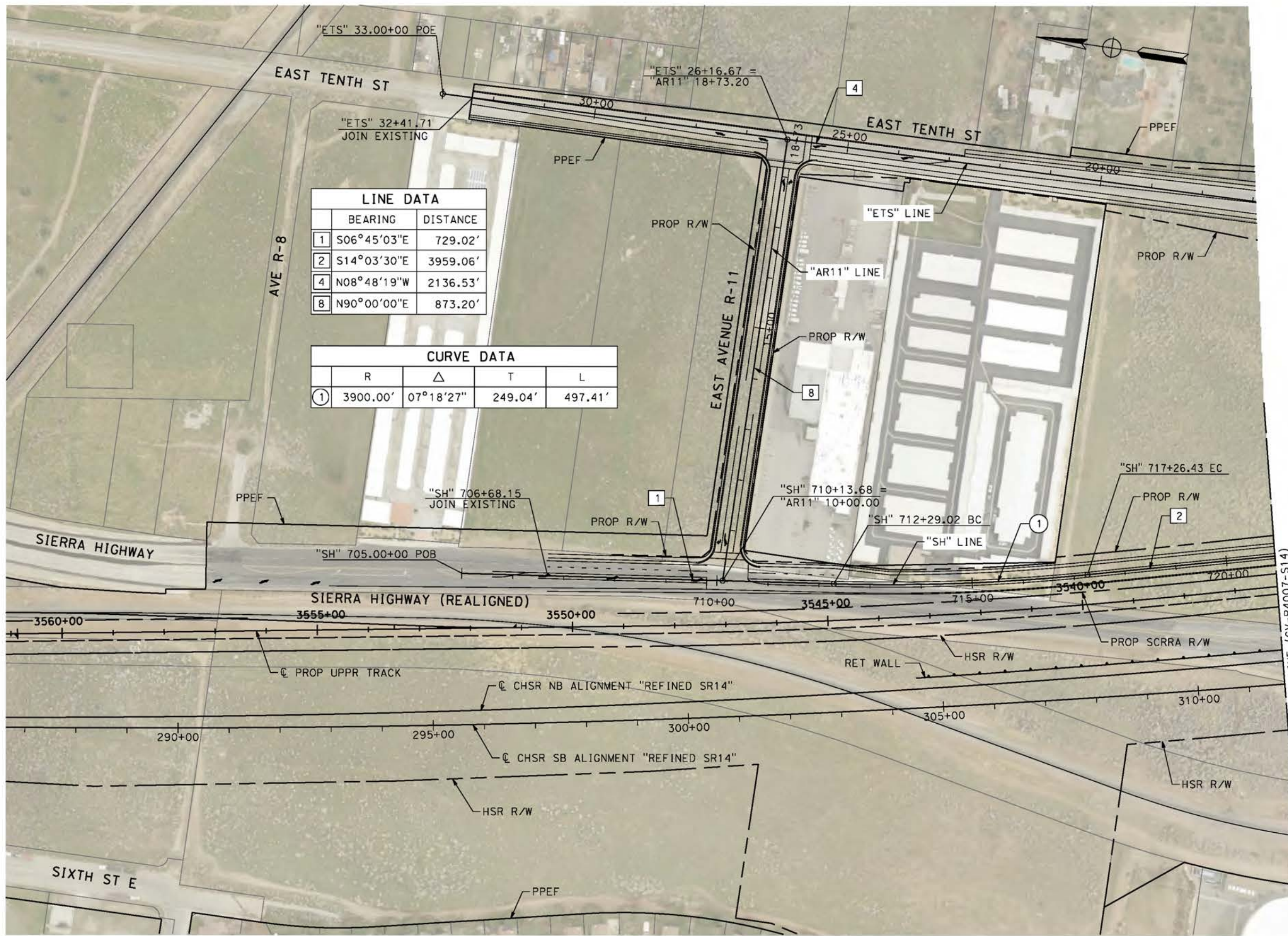
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LINE DATA		
	BEARING	DISTANCE
1	S06°45'03"E	729.02'
2	S14°03'30"E	3959.06'
4	N08°48'19"W	2136.53'
8	N90°00'00"E	873.20'

CURVE DATA				
	R	Δ	T	L
①	3900.00'	07°18'27"	249.04'	497.41'



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



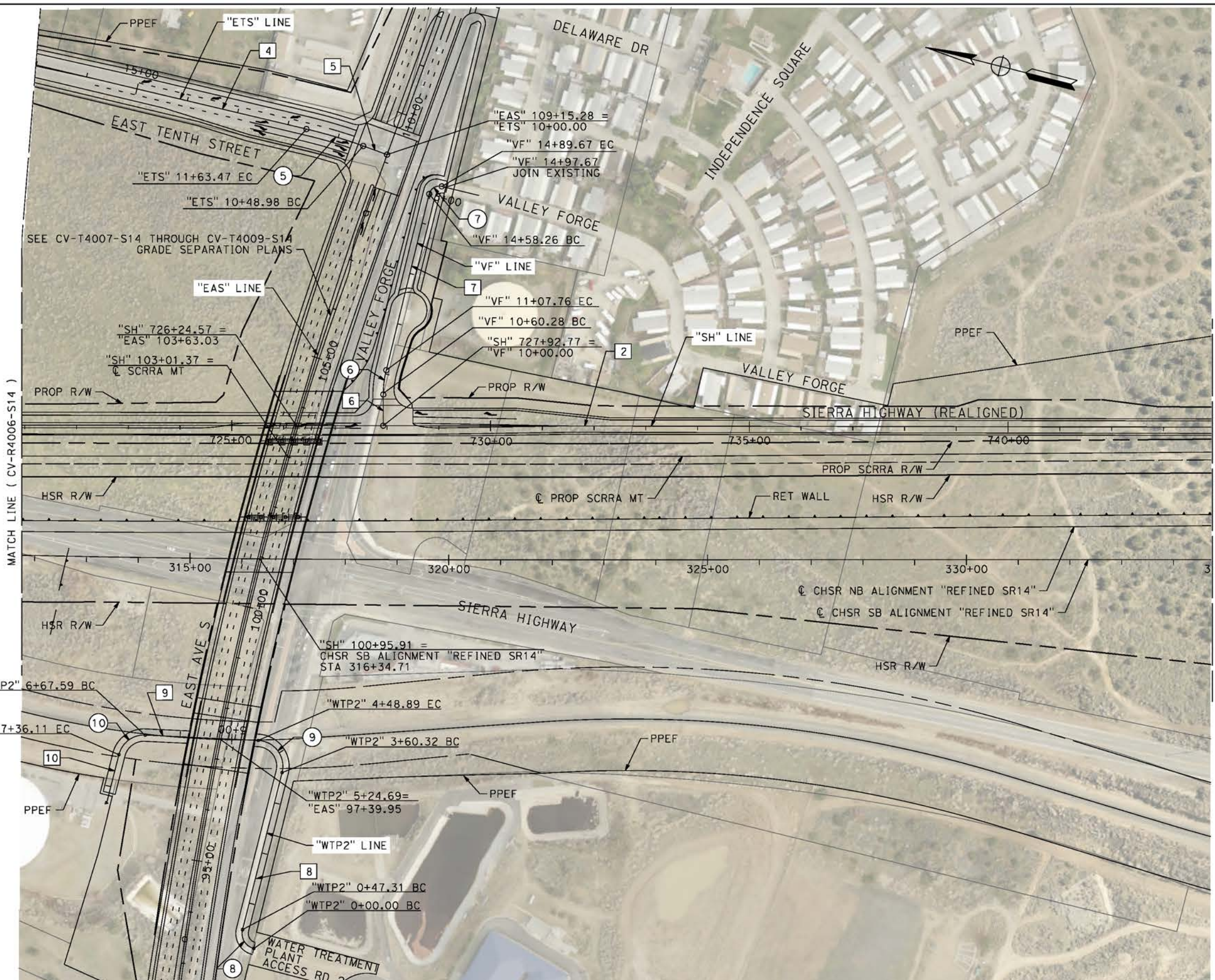
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ROADWAY PLAN
SIERRA HIGHWAY
SHEET 1 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4006-S14
SCALE
AS SHOWN
SHEET NO.

c:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dal\cordoba\dms24258VPB-CV-R4007-S14.dgn

5/26/2021 5:37:54 PM

cordo



LINE DATA		
	BEARING	DISTANCE
2	S14°03'30"E	3959.06'
4	N08°48'19"W	2136.53'
5	N05°45'15"E	48.95'
6	N75°56'30"E	60.28'
7	N89°32'35"E	350.50'
8	S90°00'00"E	313.01'
9	N11°29'20"W	218.71'
10	N90°00'00"W	81.31'

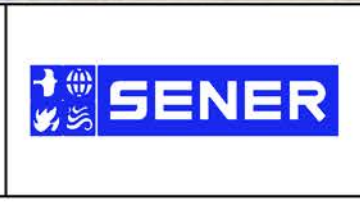
CURVE DATA				
	R	Δ	T	L
5	1000.00'	06°33'34"	57.30'	114.48'
6	20.00'	13°36'05"	23.85'	47.48'
7	20.00'	90°00'00"	20.00'	31.42'
8	30.00'	90°21'40"	30.19'	47.13'
9	50.00'	101°29'20"	61.18'	88.56'
10	50.00'	78°30'39"	40.86'	114.48'



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 "REFINED SR14"
ROADWAY PLAN
SIERRA HIGHWAY AND WATER TREATMENT PLANT ACCESS RD 2
SHEET 2 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4007-S14
SCALE
AS SHOWN
SHEET NO.

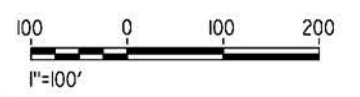
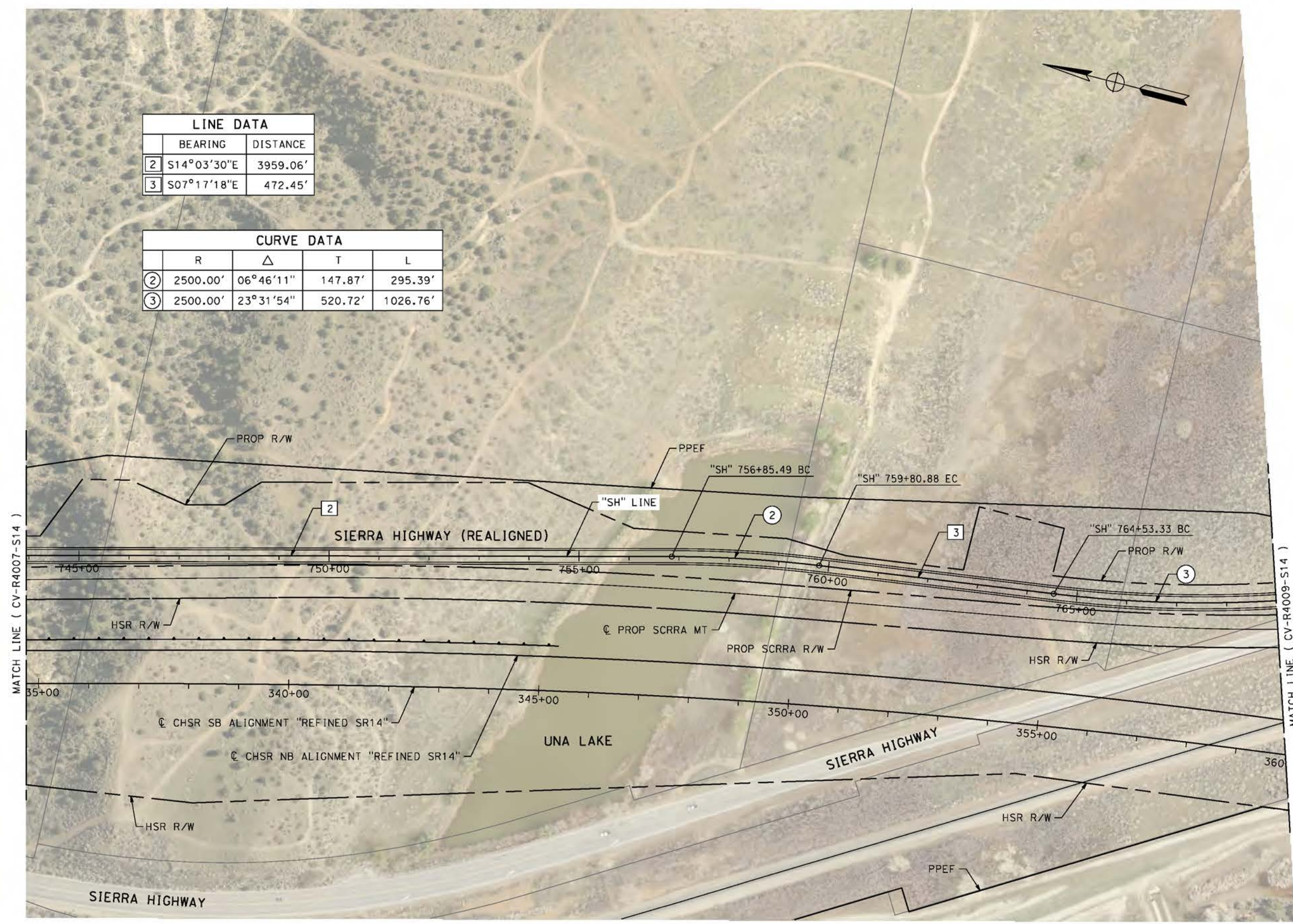
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4/30/2021 7:31:31 PM

cordo

LINE DATA		
	BEARING	DISTANCE
2	S14°03'30"E	3959.06'
3	S07°17'18"E	472.45'

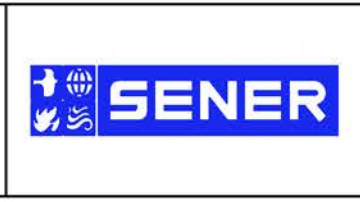
CURVE DATA				
	R	Δ	T	L
2	2500.00'	06°46'11"	147.87'	295.39'
3	2500.00'	23°31'54"	520.72'	1026.76'



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



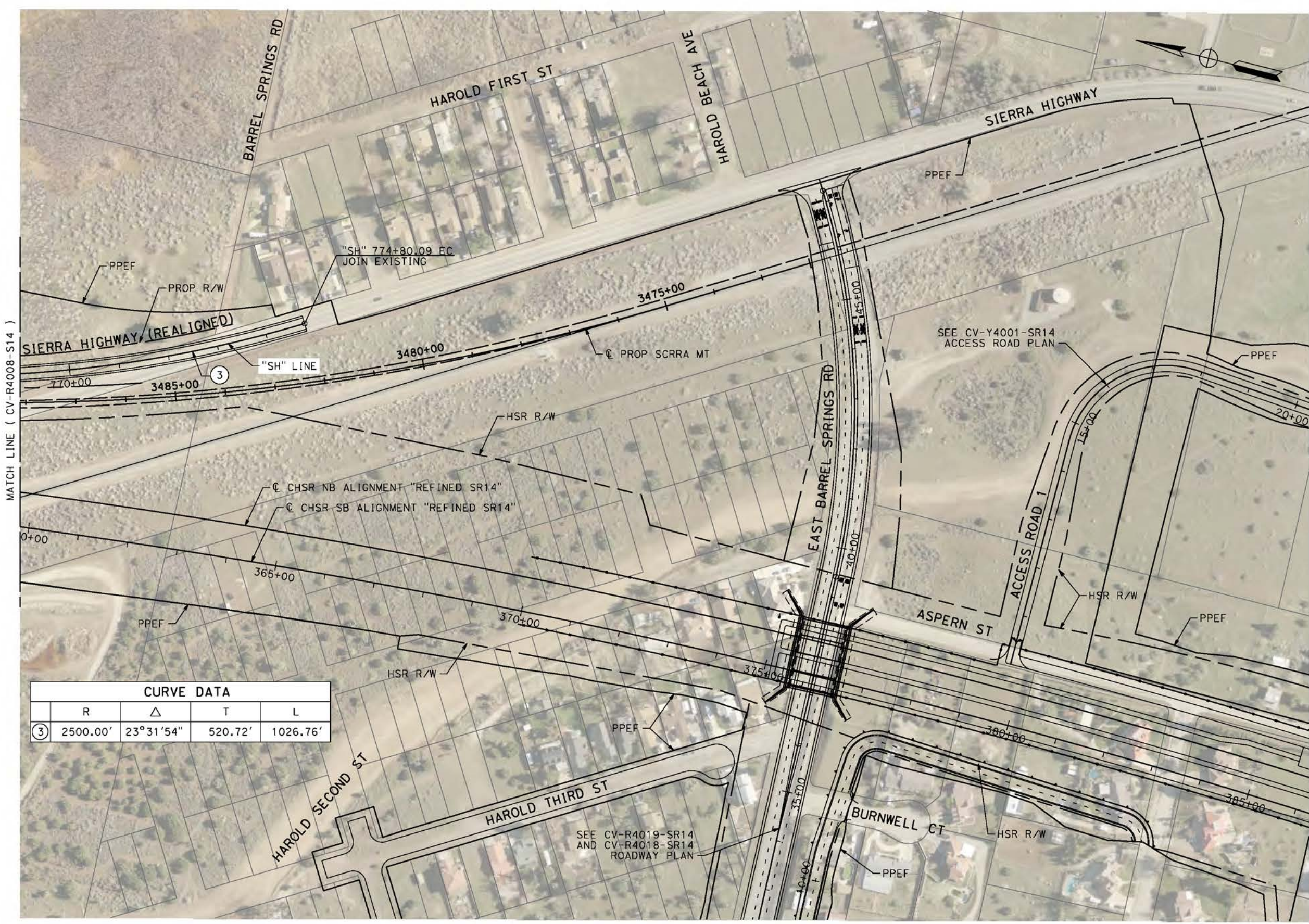
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ROADWAY PLAN
SIERRA HIGHWAY
SHEET 3 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4008-S14
SCALE
AS SHOWN
SHEET NO.

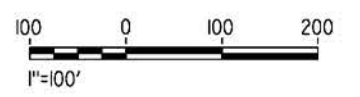
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5/2/2021 1:11:59 PM

cordo



CURVE DATA				
	R	Δ	T	L
③	2500.00'	23°31'54"	520.72'	1026.76'



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



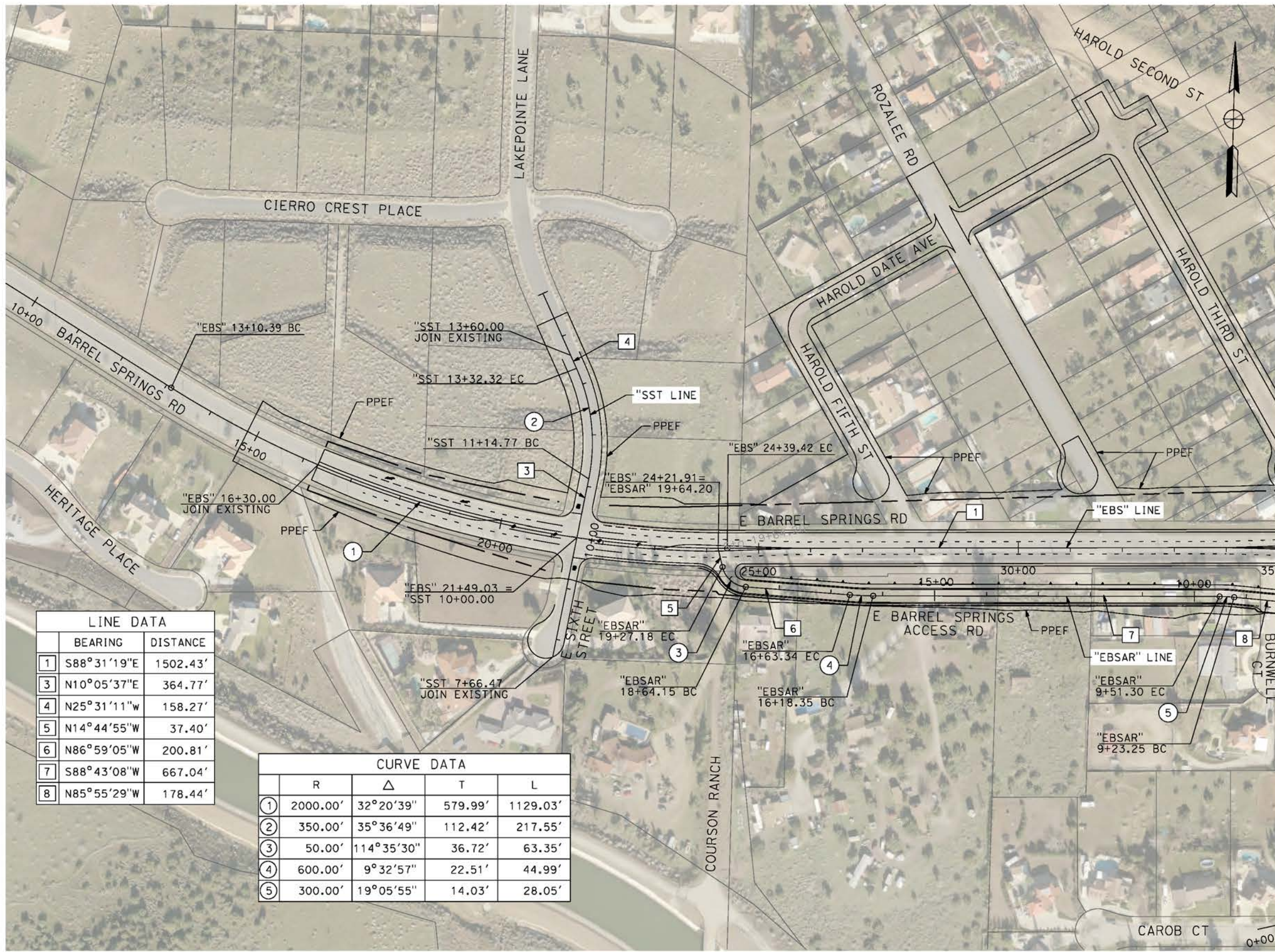
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ROADWAY PLAN
SIERRA HIGHWAY
SHEET 4 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4009-S14
SCALE
AS SHOWN
SHEET NO.

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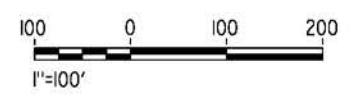
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cordo



LINE DATA		
	BEARING	DISTANCE
1	S88°31'19"E	1502.43'
3	N10°05'37"E	364.77'
4	N25°31'11"W	158.27'
5	N14°44'55"W	37.40'
6	N86°59'05"W	200.81'
7	S88°43'08"W	667.04'
8	N85°55'29"W	178.44'

CURVE DATA				
	R	Δ	T	L
1	2000.00'	32°20'39"	579.99'	1129.03'
2	350.00'	35°36'49"	112.42'	217.55'
3	50.00'	114°35'30"	36.72'	63.35'
4	600.00'	9°32'57"	22.51'	44.99'
5	300.00'	19°05'55"	14.03'	28.05'



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



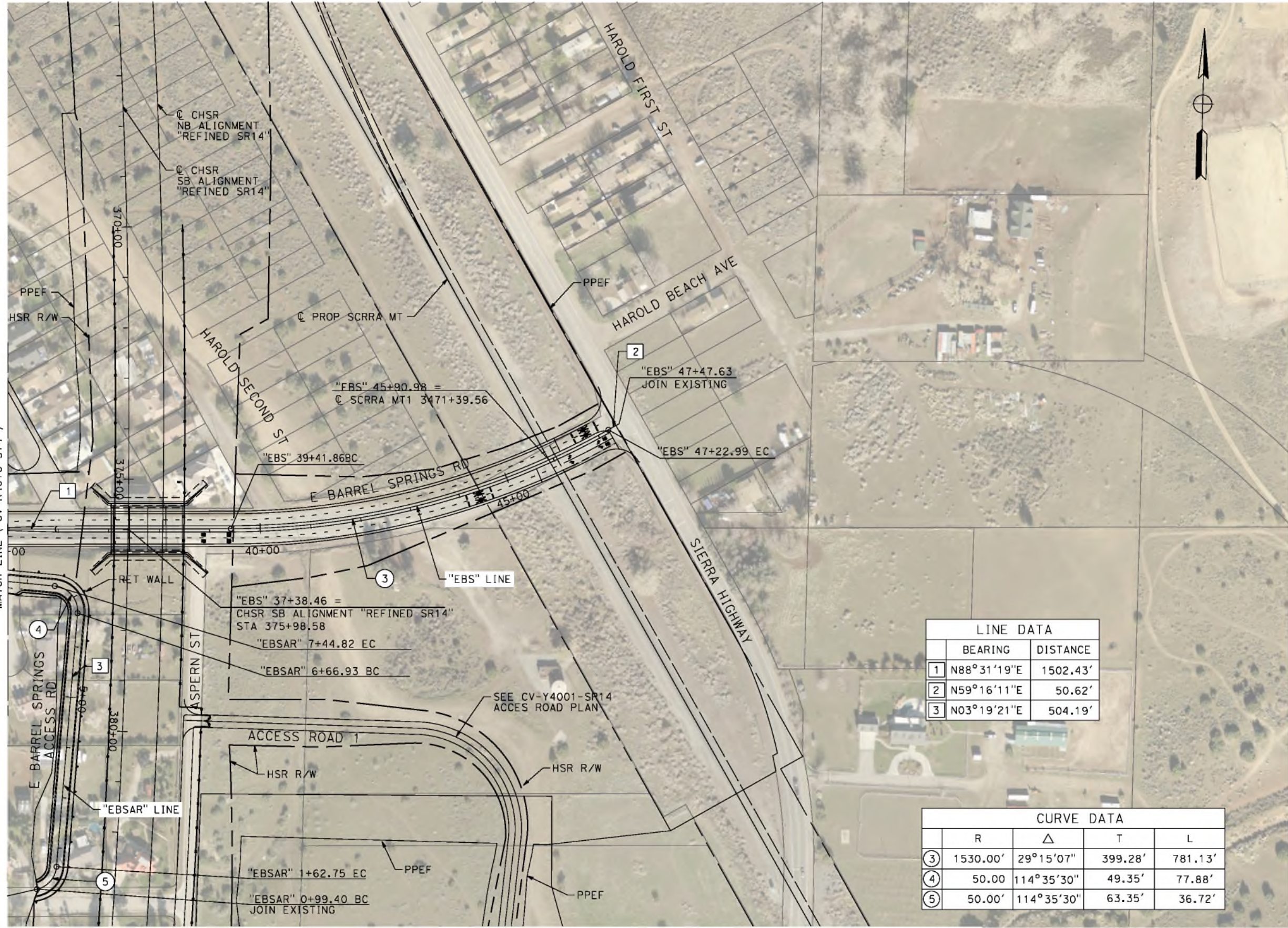
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ROADWAY PLAN
E BARREL SPRINGS RD, E BARREL SPRING ACCESS RD
AND EAST SIXTH STREET

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4018-S14
SCALE
AS SHOWN
SHEET NO.

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5/26/2021 8:46:10 PM

corco



LINE DATA		
	BEARING	DISTANCE
1	N88°31'19"E	1502.43'
2	N59°16'11"E	50.62'
3	N03°19'21"E	504.19'

CURVE DATA				
	R	Δ	T	L
3	1530.00'	29°15'07"	399.28'	781.13'
4	50.00	114°35'30"	49.35'	77.88'
5	50.00'	114°35'30"	63.35'	36.72'

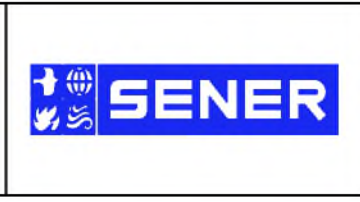


REV	DATE	BY	CHK	APP	DESCRIPTION

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 "REFINED SR14"
ROADWAY PLAN
E BARREL SPRINGS RD AND E BARREL SPRINGS ACCESS RD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4019-S14
SCALE
AS SHOWN
SHEET NO.

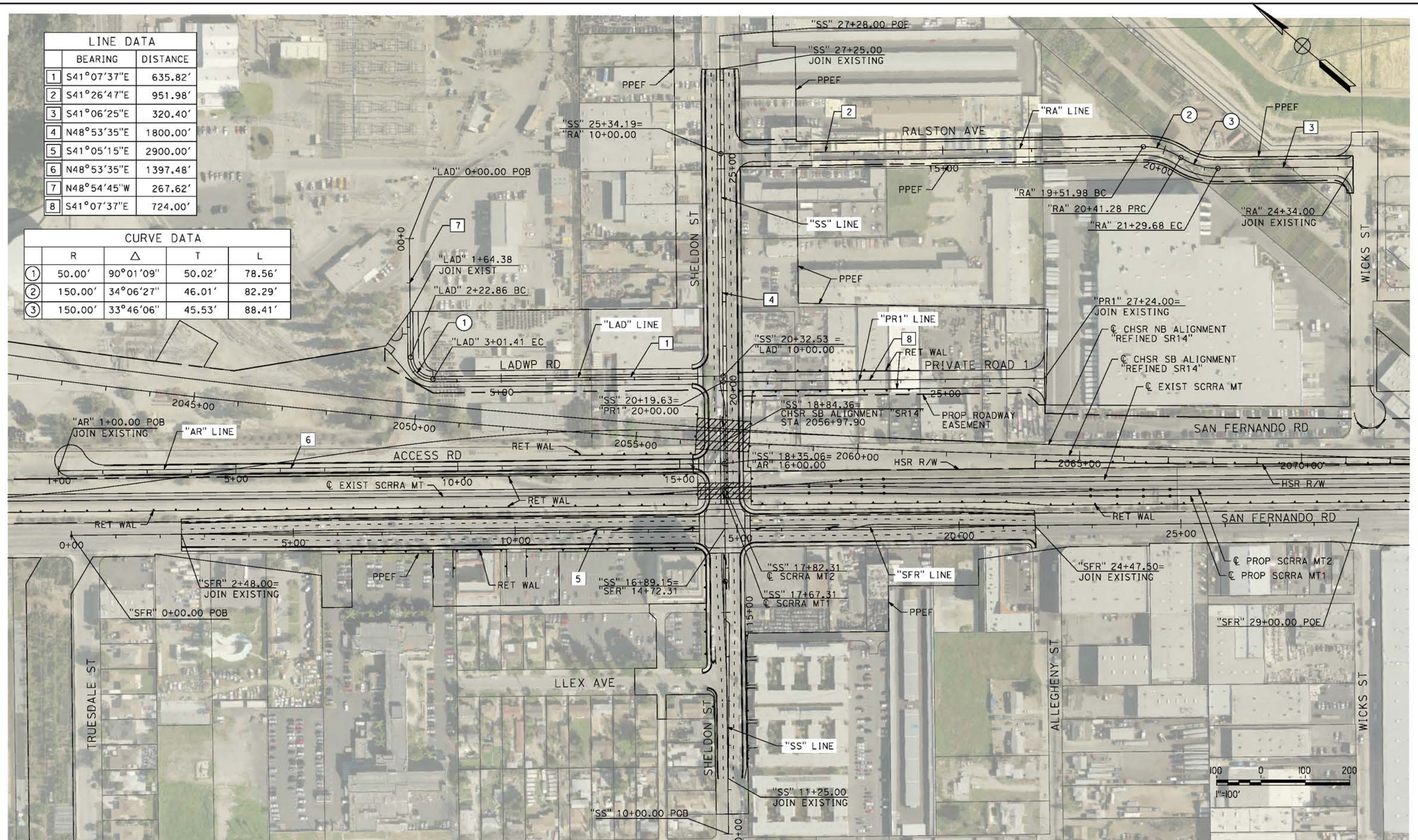
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cordo

LINE DATA		
	BEARING	DISTANCE
1	S41°07'37"E	635.82'
2	S41°26'47"E	951.98'
3	S41°06'25"E	320.40'
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	267.62'
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

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



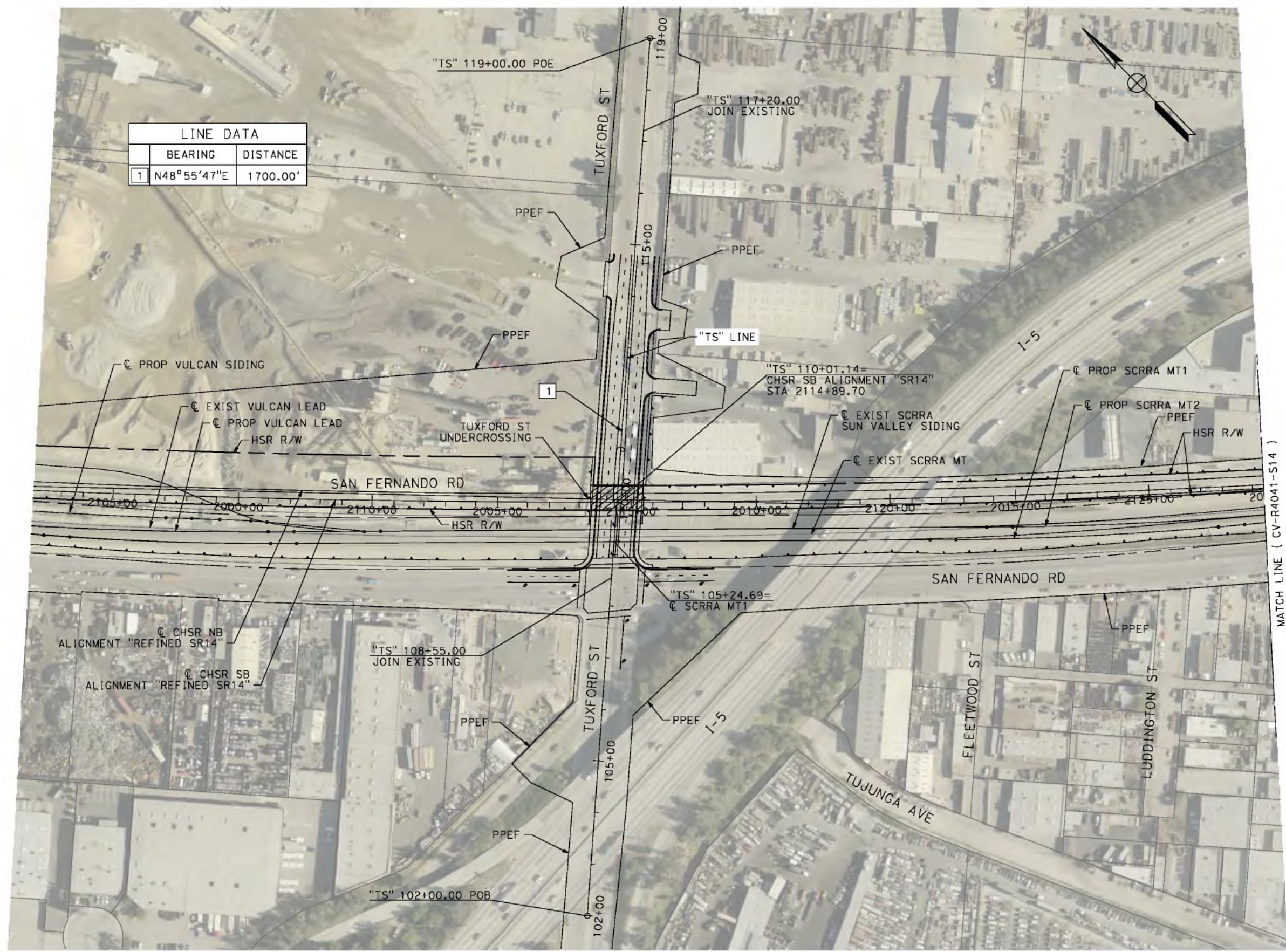
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
LADWP RD AND ACCESS RD
ROADWAY PLAN
SHELDON ST, PRIVATE RD 1, RALSTON AVE

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4020-S14
SCALE
AS SHOWN
SHEET NO.

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5/19/2021 7:29:14 PM

cordo



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

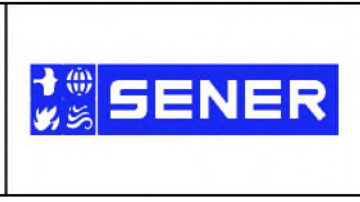


REV	DATE	BY	CHK	APP	DESCRIPTION

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 "REFINED SR14"
ROADWAY PLAN
TUXFORD ST

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4040-S14
SCALE
AS SHOWN
SHEET NO.

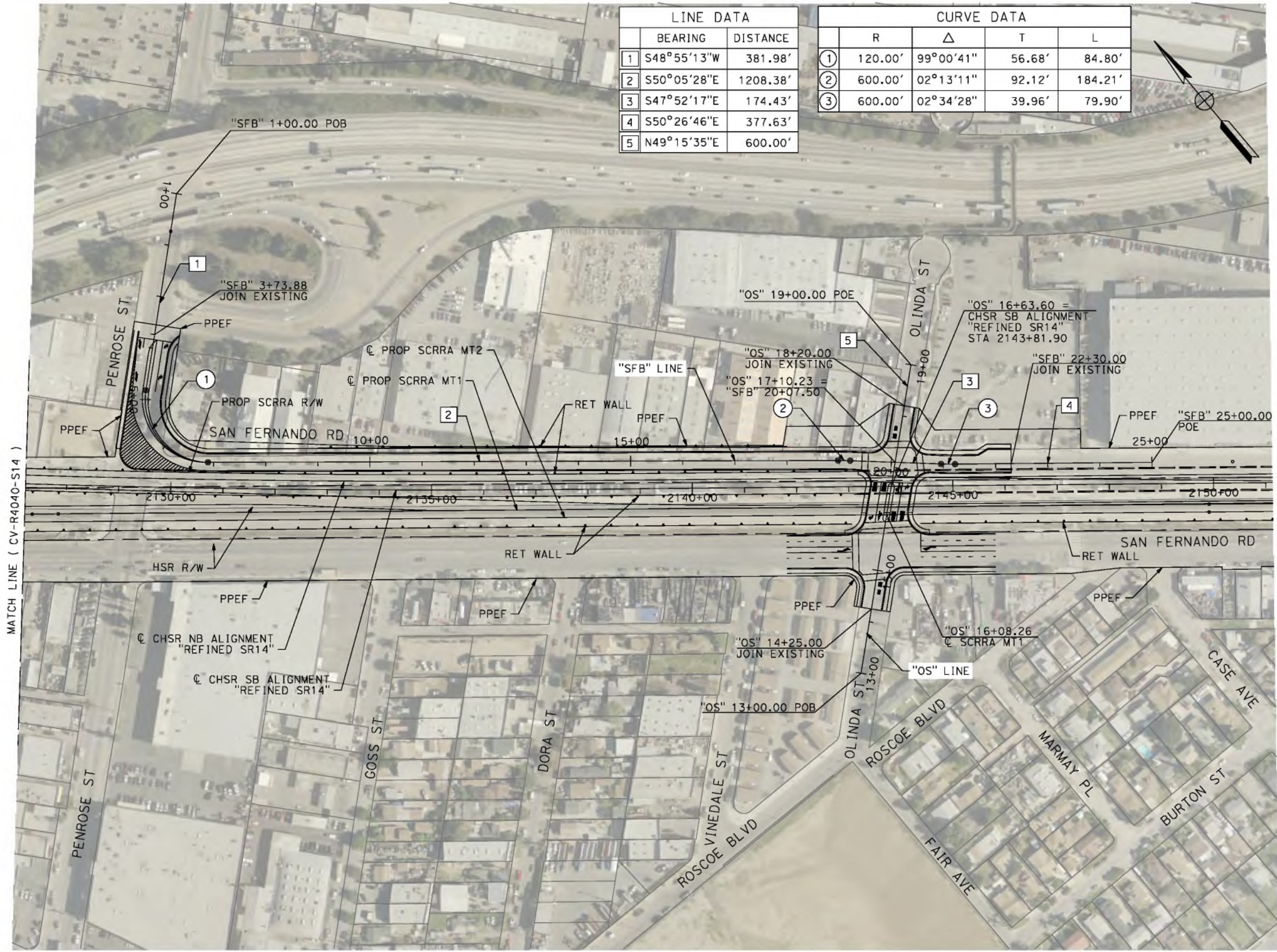
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cordo

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°26'46"E	377.63'
5 N49°15'35"E	600.00'

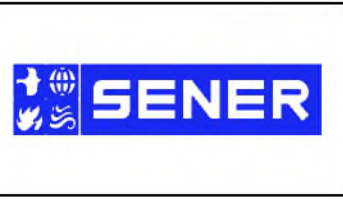
CURVE DATA			
R	Δ	T	L
① 120.00'	99°00'41"	56.68'	84.80'
② 600.00'	02°13'11"	92.12'	184.21'
③ 600.00'	02°34'28"	39.96'	79.90'



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



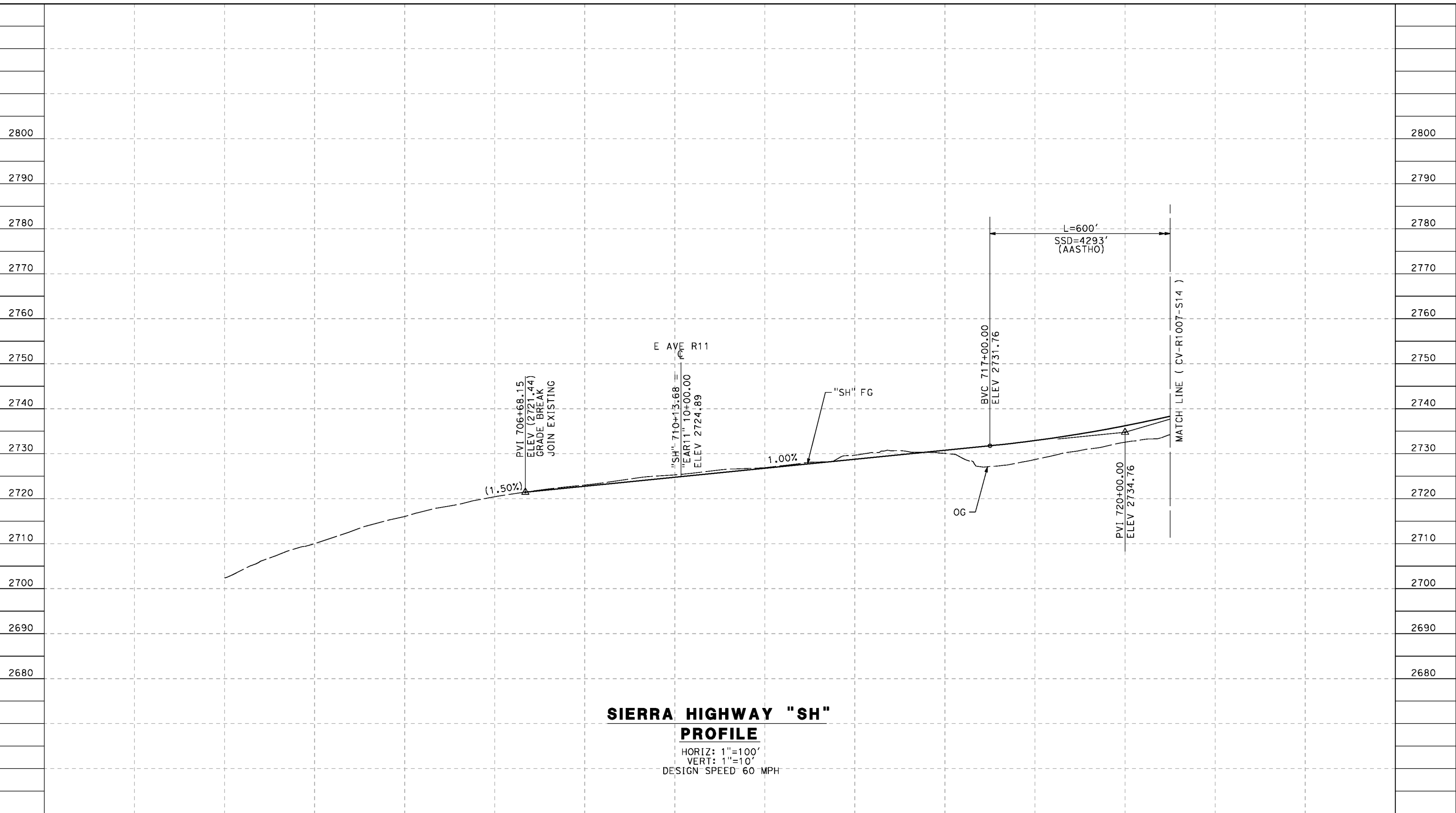
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ROADWAY PLAN
OLINDA ST AND SAN FERNANDO RD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4041-S14
SCALE
AS SHOWN
SHEET NO.

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5/23/2021 6:26:45 PM

cordo



**SIERRA HIGHWAY "SH"
PROFILE**

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

STATION	698+00	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 "REFINED SR14"
ROADWAY PROFILE
SIERRA HIGHWAY
SHEET 1 OF 4

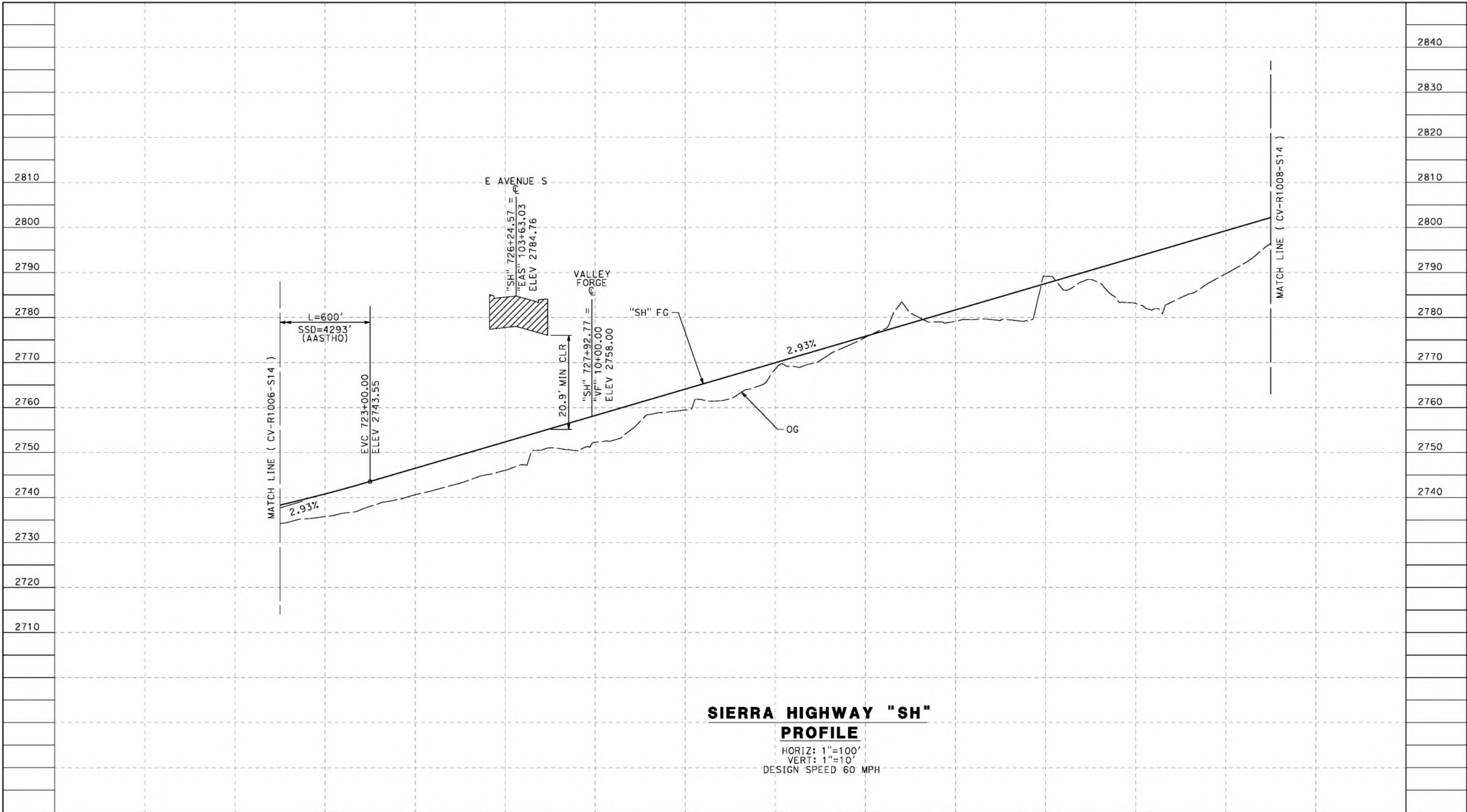
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1006-S14
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/23/2021 6:27:08 PM

cordo



**SIERRA HIGHWAY "SH"
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**

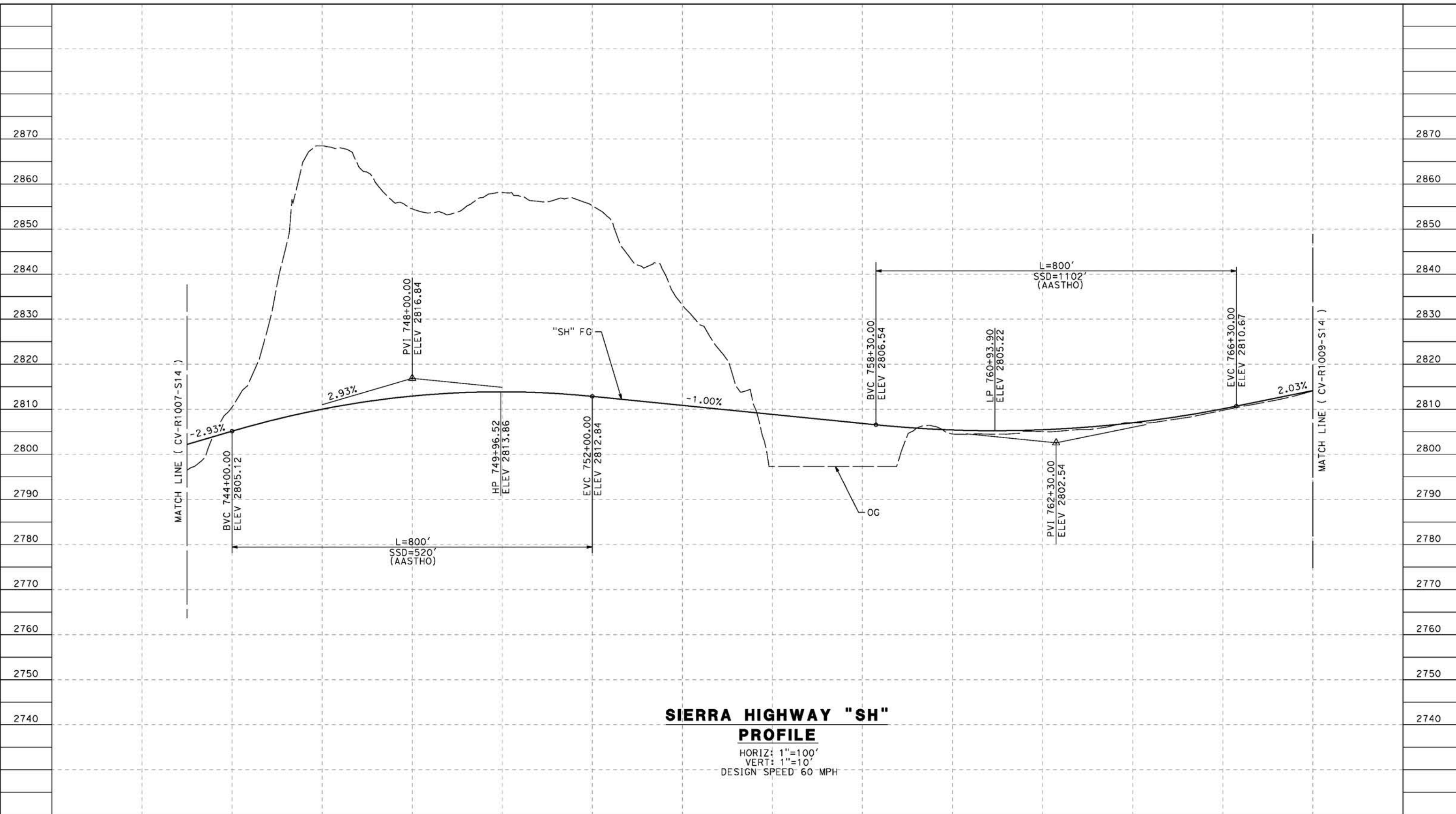


**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ROADWAY PROFILE
SIERRA HIGHWAY
SHEET 2 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1007-S14
SCALE
AS SHOWN
SHEET NO.

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cordo



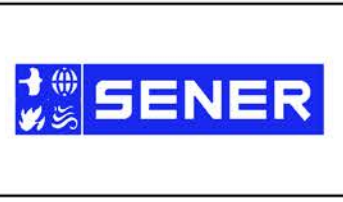
SIERRA HIGHWAY "SH"
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 60 MPH

STATION	744+00	746+00	748+00	750+00	752+00	754+00	756+00	758+00	760+00	762+00	764+00	766+00	768+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



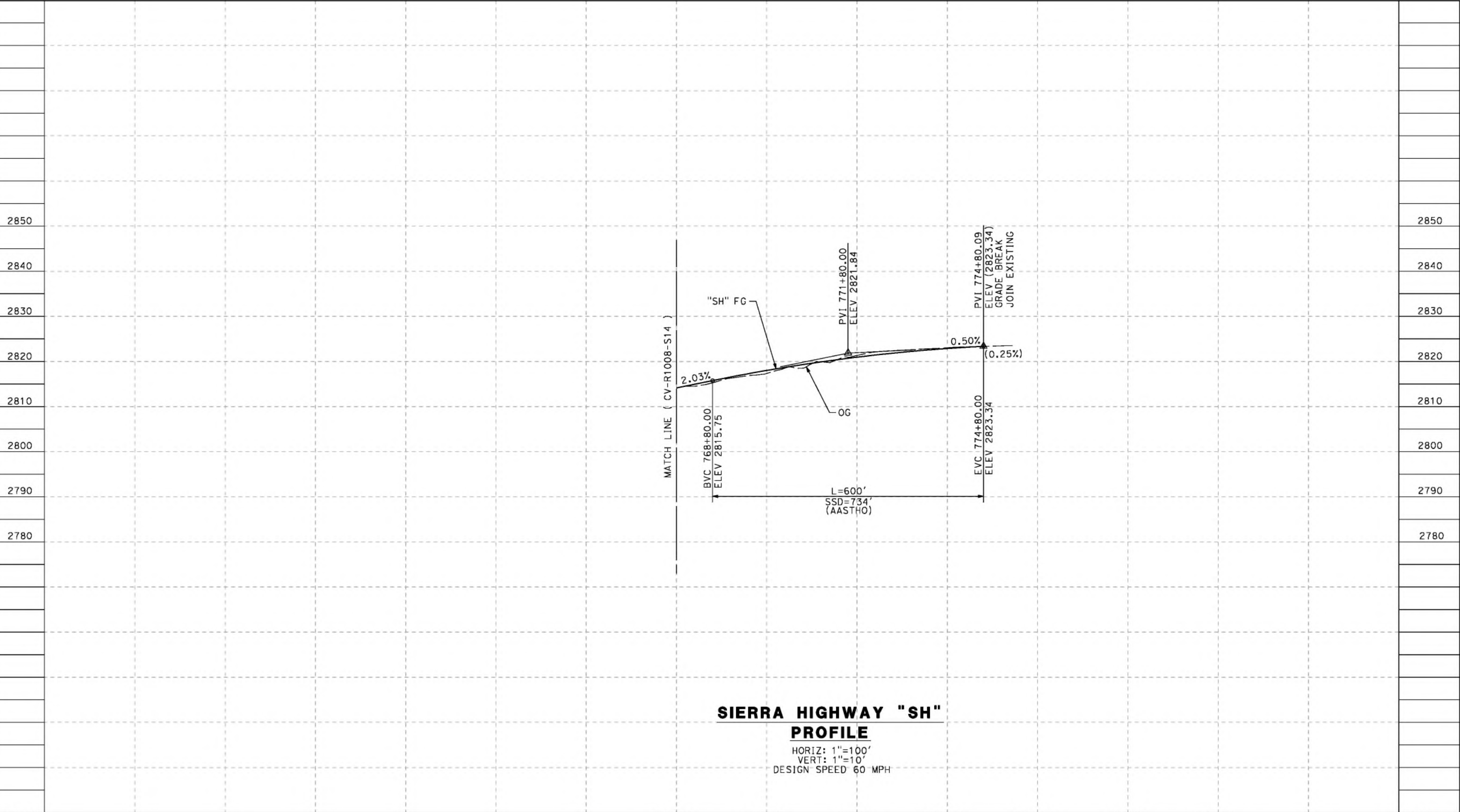
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 ROADWAY PROFILE
 SIERRA HIGHWAY
 SHEET 3 OF 4

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1008-S14
 SCALE
AS SHOWN
 SHEET NO.

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cordo



**SIERRA HIGHWAY "SH"
PROFILE**

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

STATION	768+00	770+00	772+00	774+00	776+00	778+00	780+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 "REFINED SR14"
ROADWAY PROFILE
SIERRA HIGHWAY
SHEET 4 OF 4

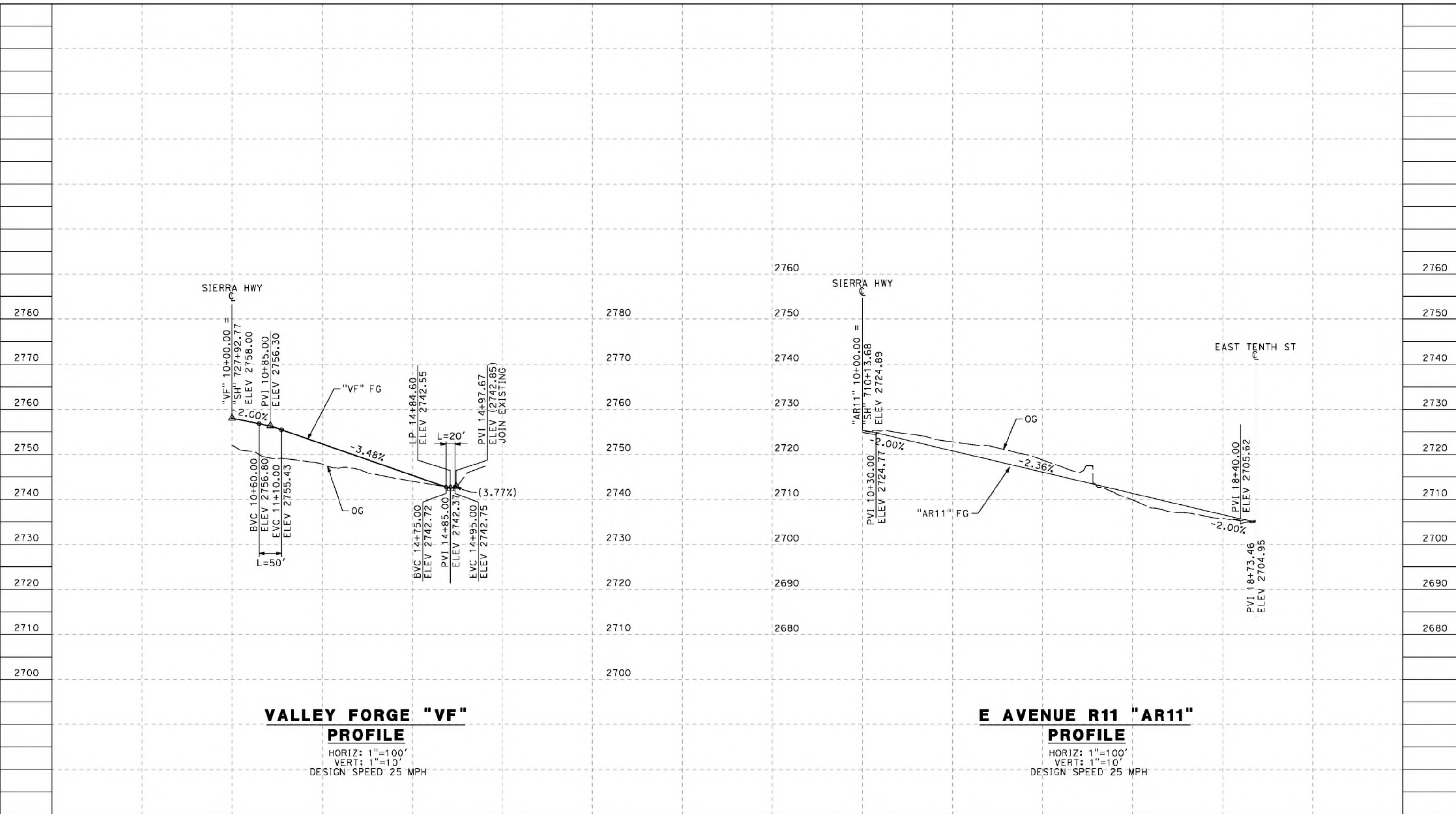
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1009-S14
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



STATION	10+00	12+00	14+00	16+00	18+00	10+00	12+00	14+00	16+00	18+00	20+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 "REFINED SR14"
 ROADWAY PROFILE
 VALLEY FORGE AND E AVENUE R11

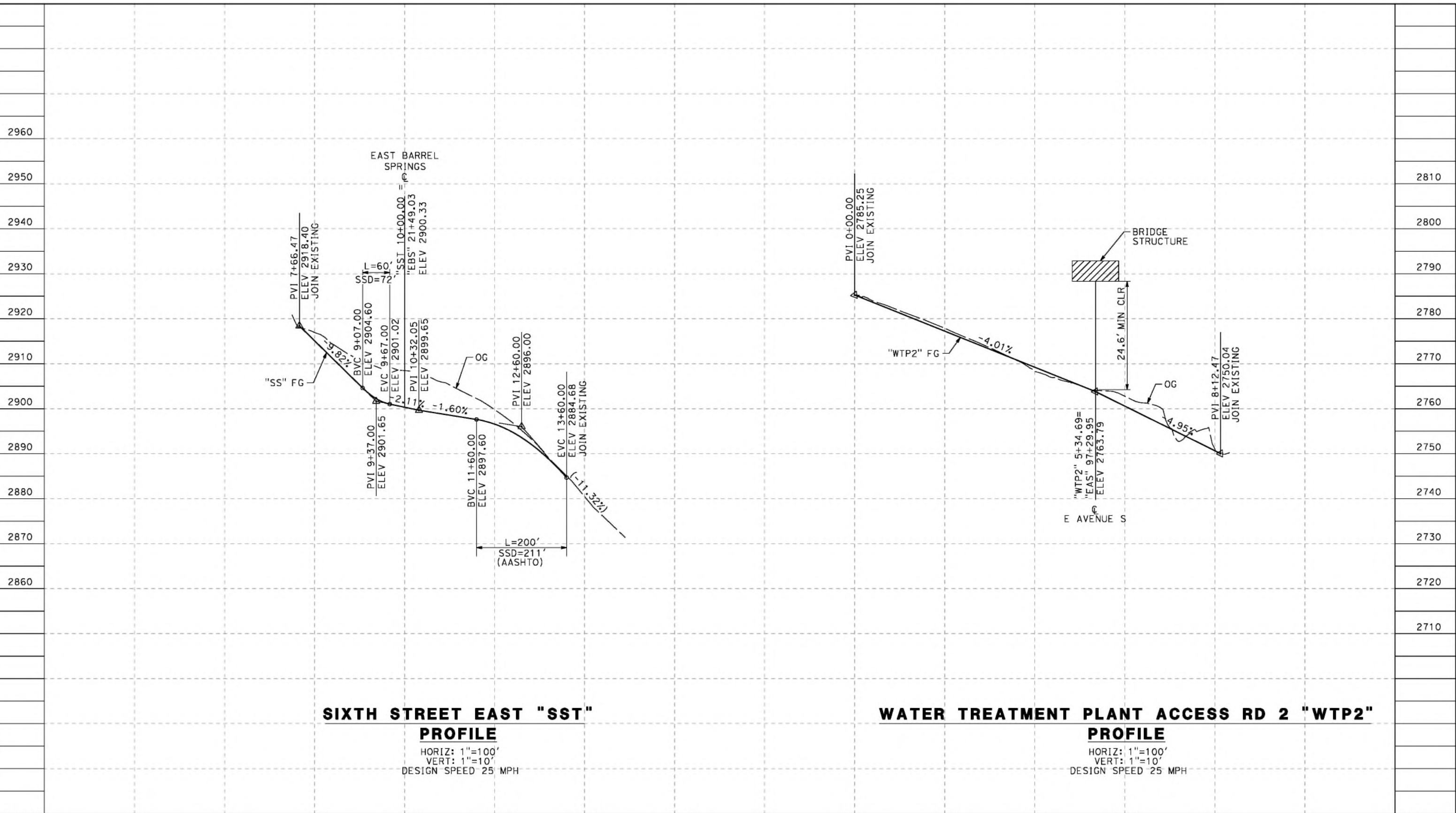
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1009A-S14
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/26/2021 8:24:18 PM

cordo



SIXTH STREET EAST "SST" PROFILE

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

WATER TREATMENT PLANT ACCESS RD 2 "WTP2" PROFILE

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

STATION	6+00	8+00	10+00	12+00	14+00	16+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

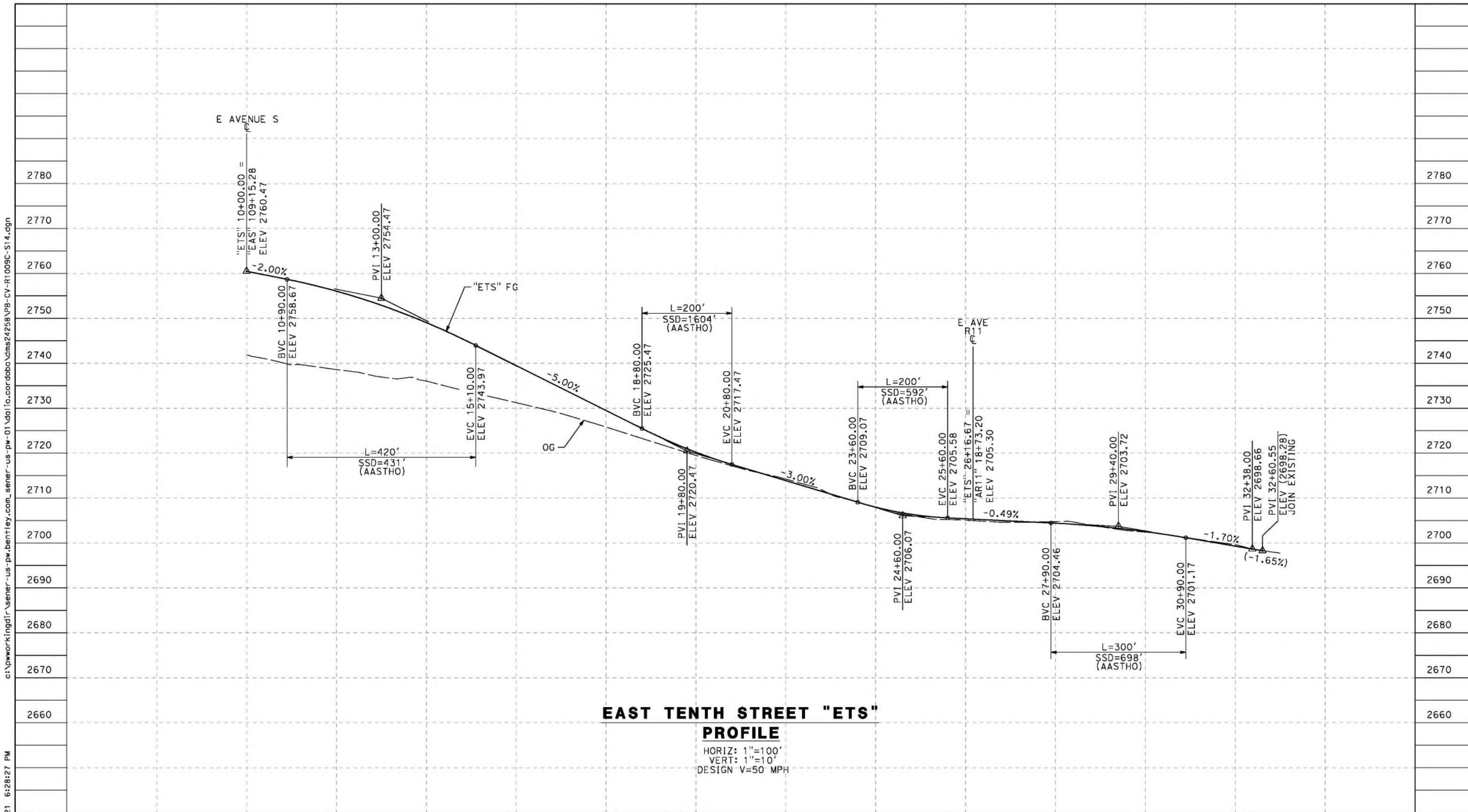
**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "REFINED SR14"
 ROADWAY PROFILE
 SIXTH STREET EAST AND
 WATER TREATMENT PLANT ACCESS RD 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1009B-S14
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION



EAST TENTH STREET "ETS" PROFILE

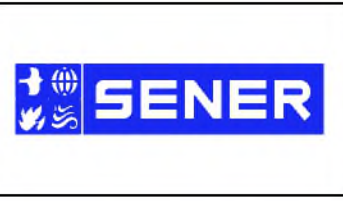
HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN V=50 MPH

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 "REFINED SR14"
 ROADWAY PROFILE
 EAST TENTH STREET

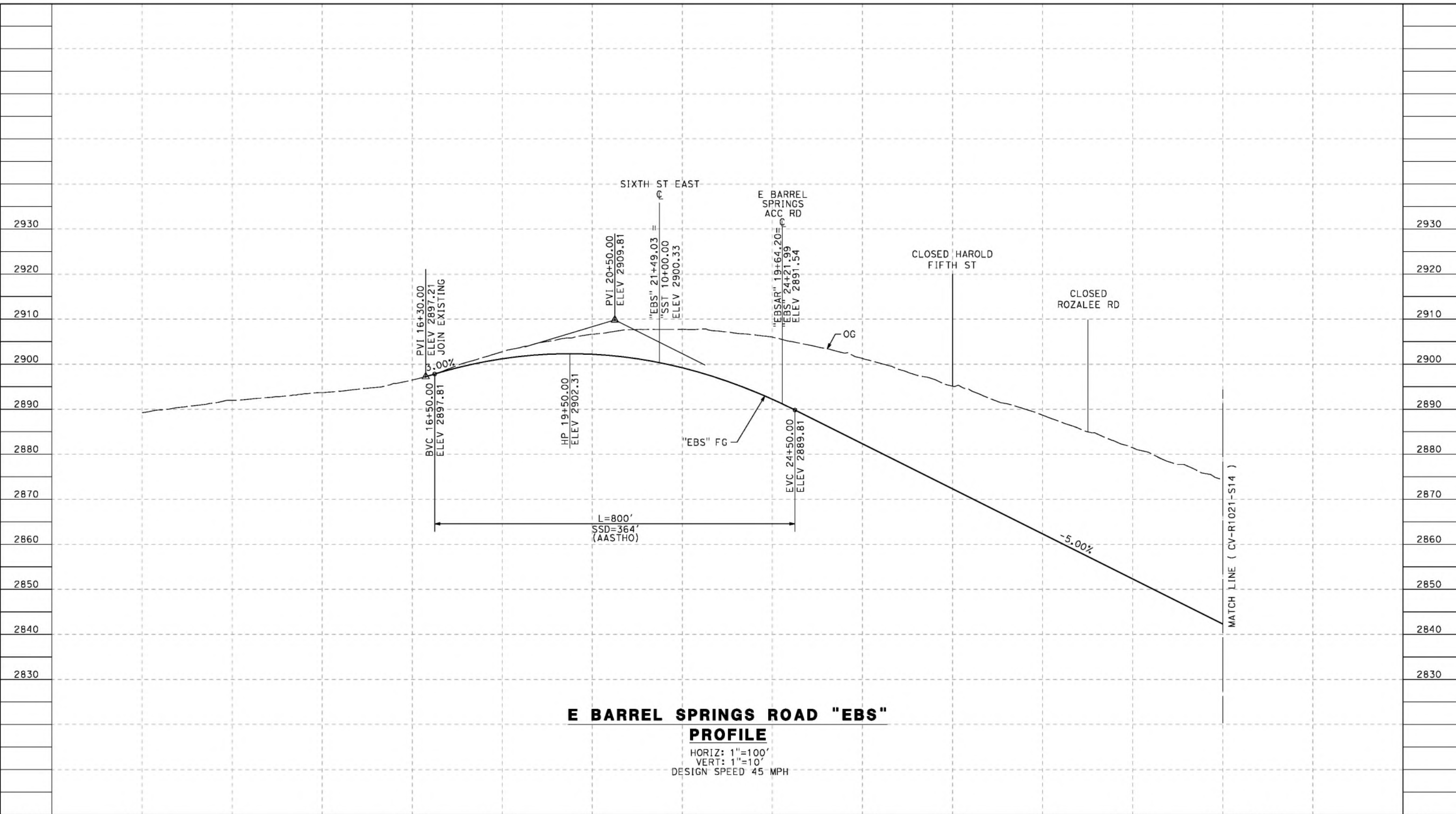
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1009C-S14
 SCALE
AS SHOWN
 SHEET NO.

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5/23/2021 6:28:40 PM

cordo



**E BARREL SPRINGS ROAD "EBS"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 45 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	35+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 "REFINED SR14"
ROADWAY PROFILE
E BARREL SPRINGS ROAD
SHEET 1 OF 2

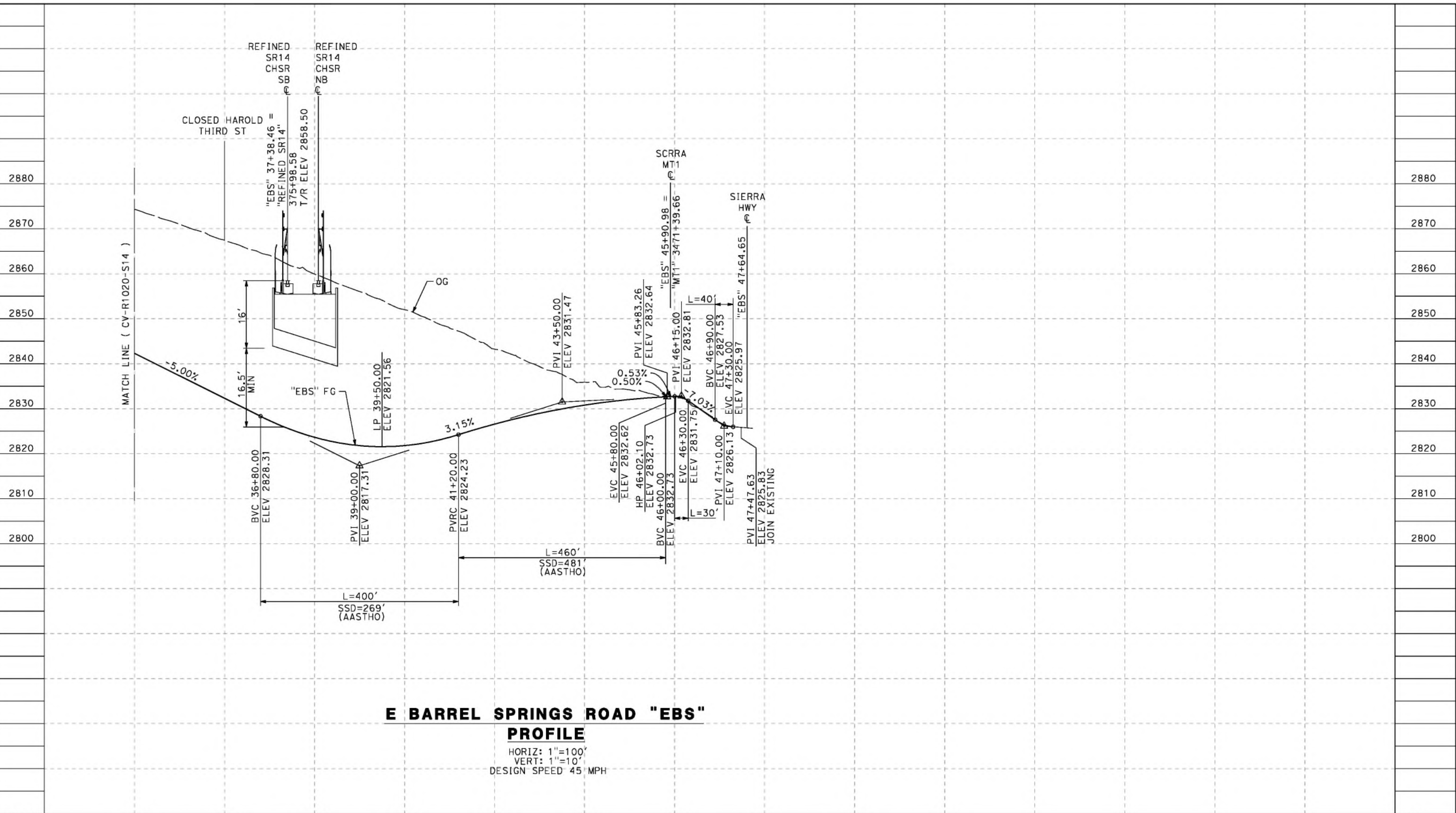
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1020-S14
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



E BARREL SPRINGS ROAD "EBS" PROFILE

HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 45 MPH

STATION	34+00	36+00	38+00	40+00	42+00	44+00	46+00	48+00	50+00	52+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 "REFINED SR14"
 ROADWAY PROFILE
 E BARREL SPRINGS ROAD
 SHEET 2 OF 2

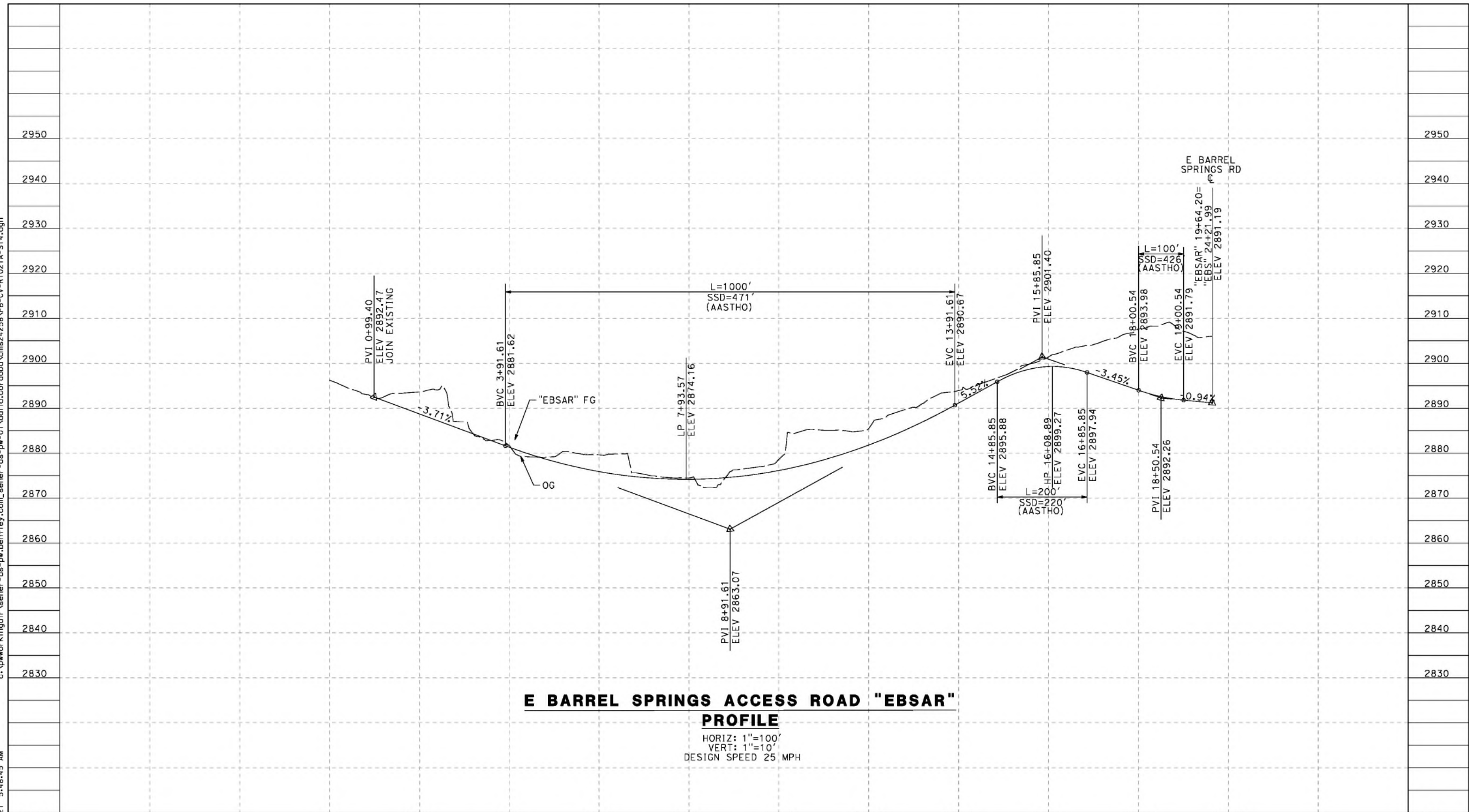
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1021-S14
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/27/2021 5:48:45 AM

cordo



E BARREL SPRINGS ACCESS ROAD "EBSAR" PROFILE

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



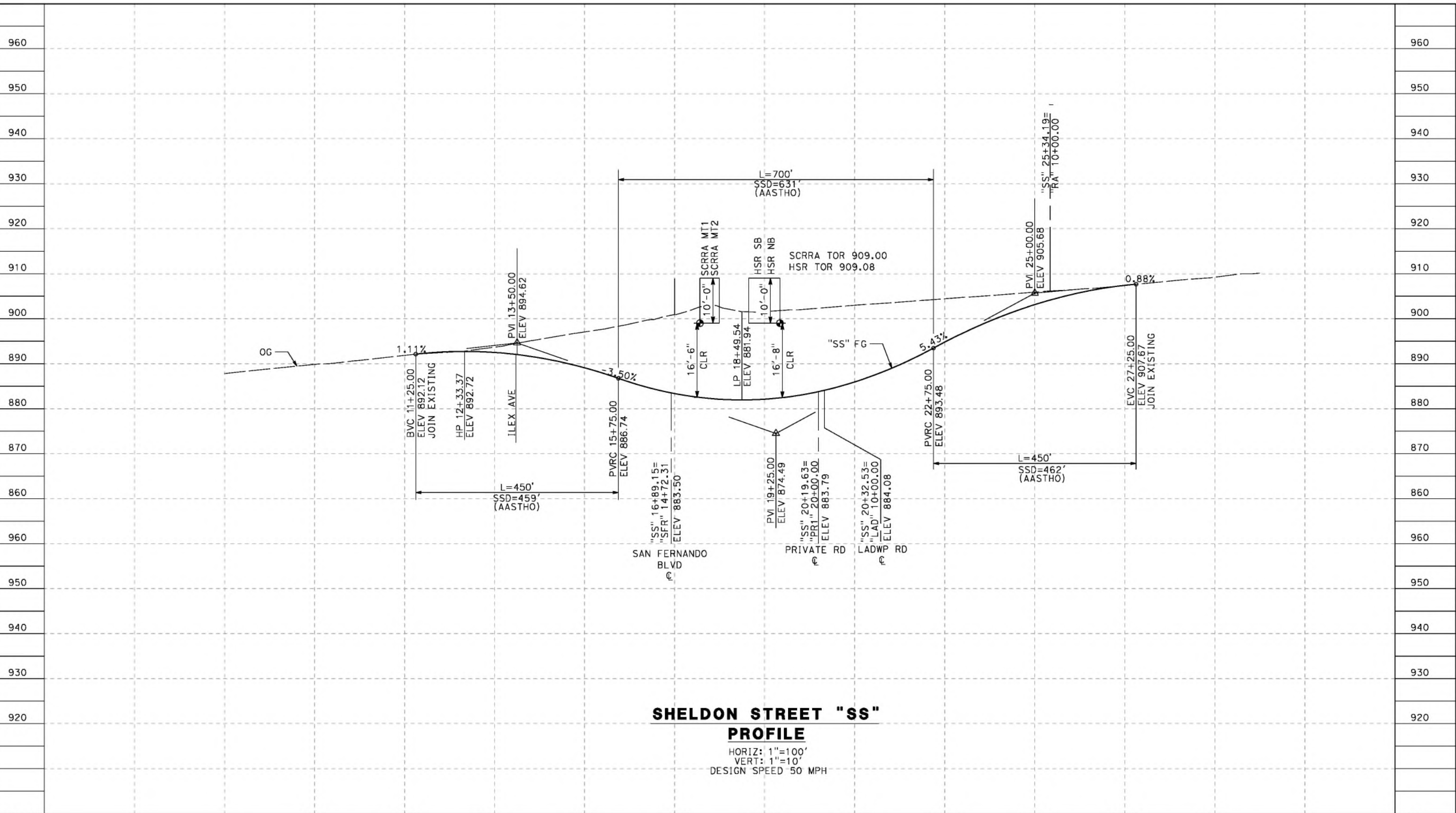
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "REFINED SR14"
 ROADWAY PROFILE
 E BARREL SPRINGS ACCESS ROAD

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1021A-S14
 SCALE
AS SHOWN
 SHEET NO.

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cordo

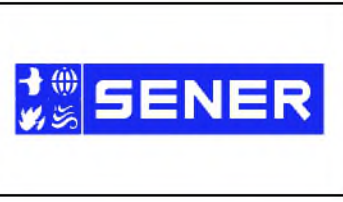


SHELDON STREET "SS"
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 50 MPH

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											

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 "REFINED SR14"
 ROADWAY PROFILE
 SHELDON STREET

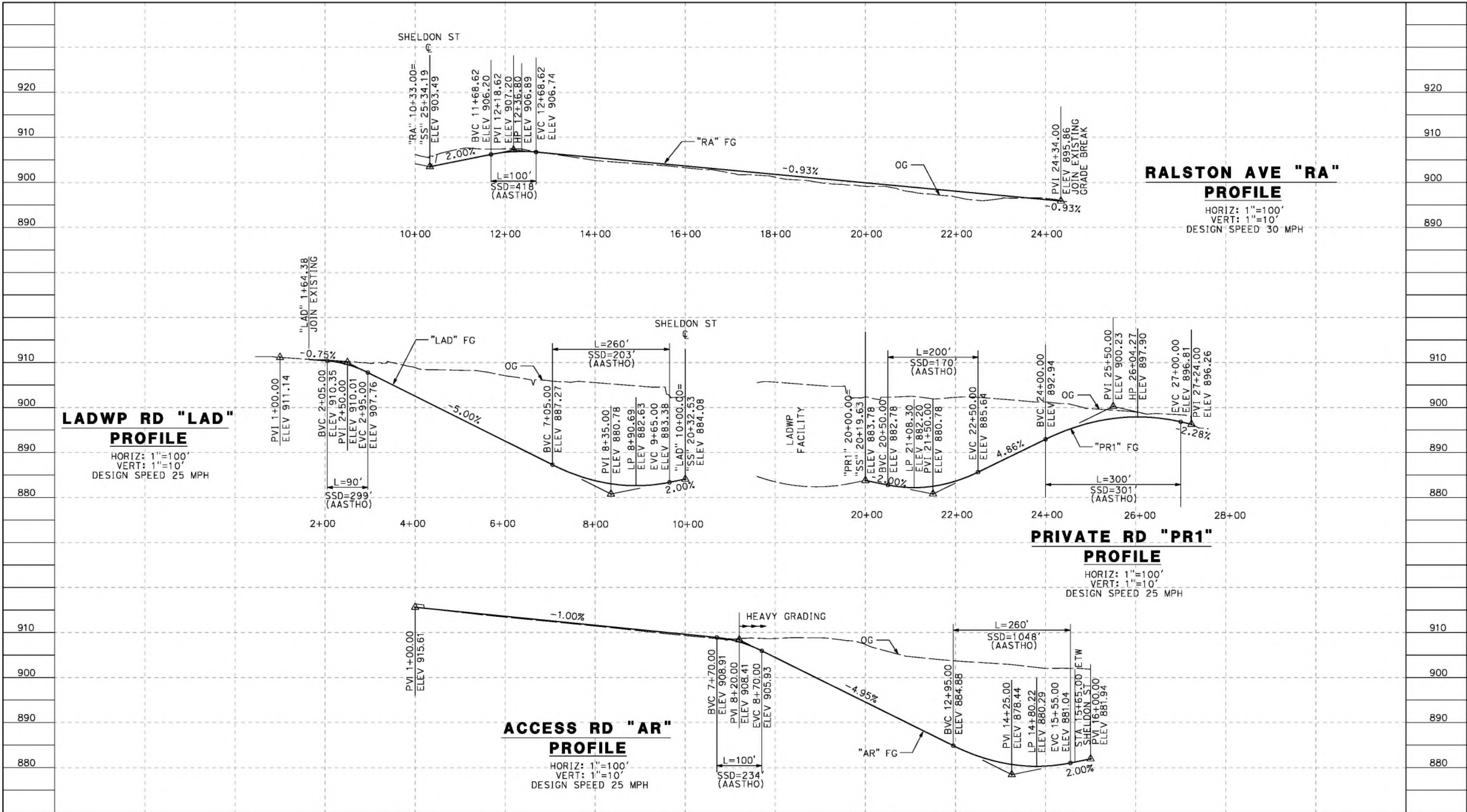
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1022-S14
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



STATION	1+00	3+00	5+00	7+00	9+00	11+00	13+00	15+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**



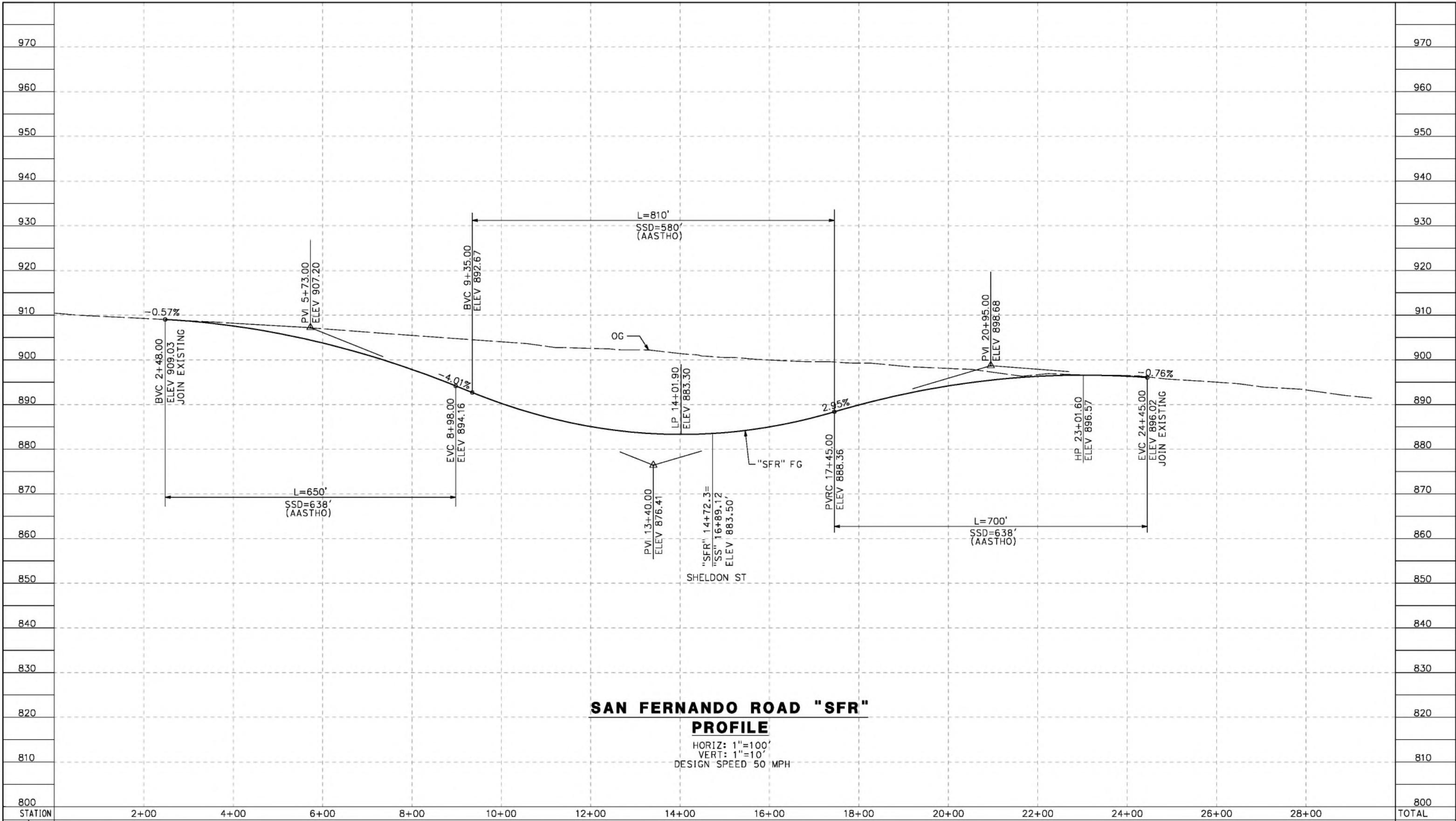
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ROADWAY PROFILE
RALSTON AVE, PRIVATE RD 1, LADWP RD AND ACCESS RD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1023-S14
SCALE
AS SHOWN
SHEET NO.

ct:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dl\ta.cordoba\dms24258VPB-CV-R1024-S14.dgn

5/27/2021 5:58:18 AM

cordo



SAN FERNANDO ROAD "SFR"
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 50 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	28+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



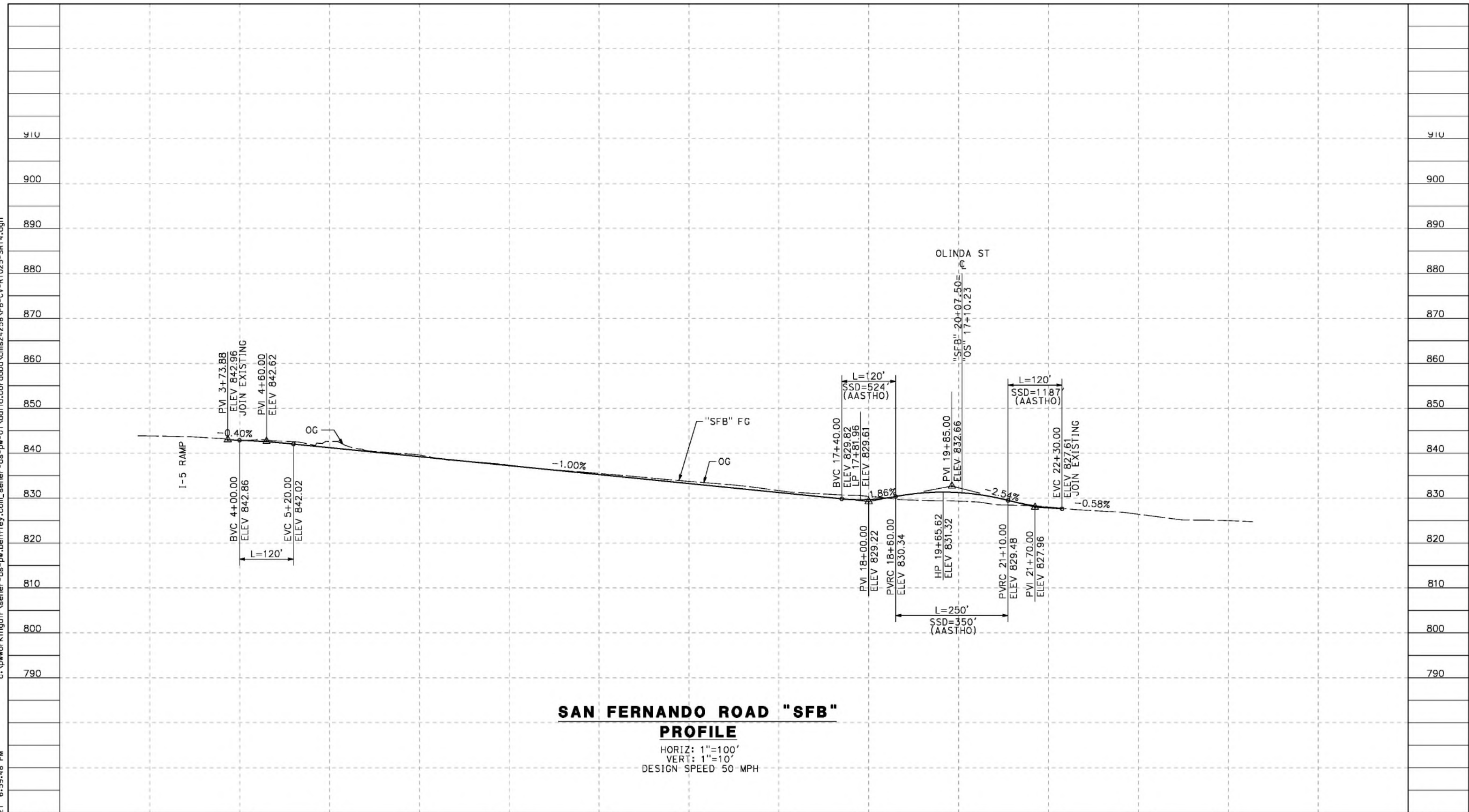
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 ROADWAY PROFILE
 SAN FERNANDO ROAD "SFR"

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1024-S14
 SCALE
AS SHOWN
 SHEET NO.

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5/23/2021 6:59:48 PM

cordo



SAN FERNANDO ROAD "SFB" PROFILE

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

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**



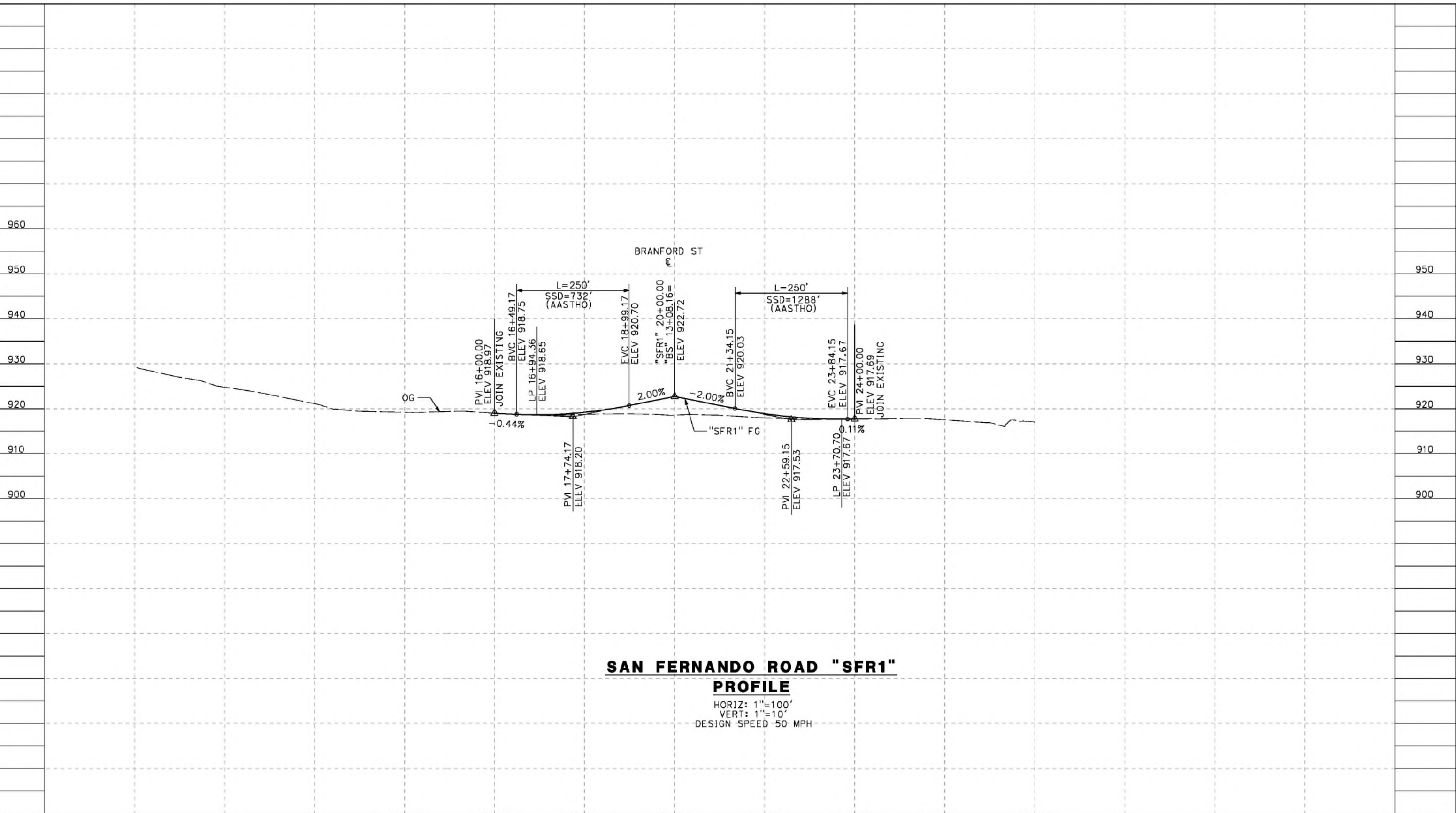
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "REFINED SR14"
 ROADWAY PROFILE
 SAN FERNANDO ROAD "SFB"

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1025-S14
 SCALE
AS SHOWN
 SHEET NO.

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5/23/2021 6:30:17 PM

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
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



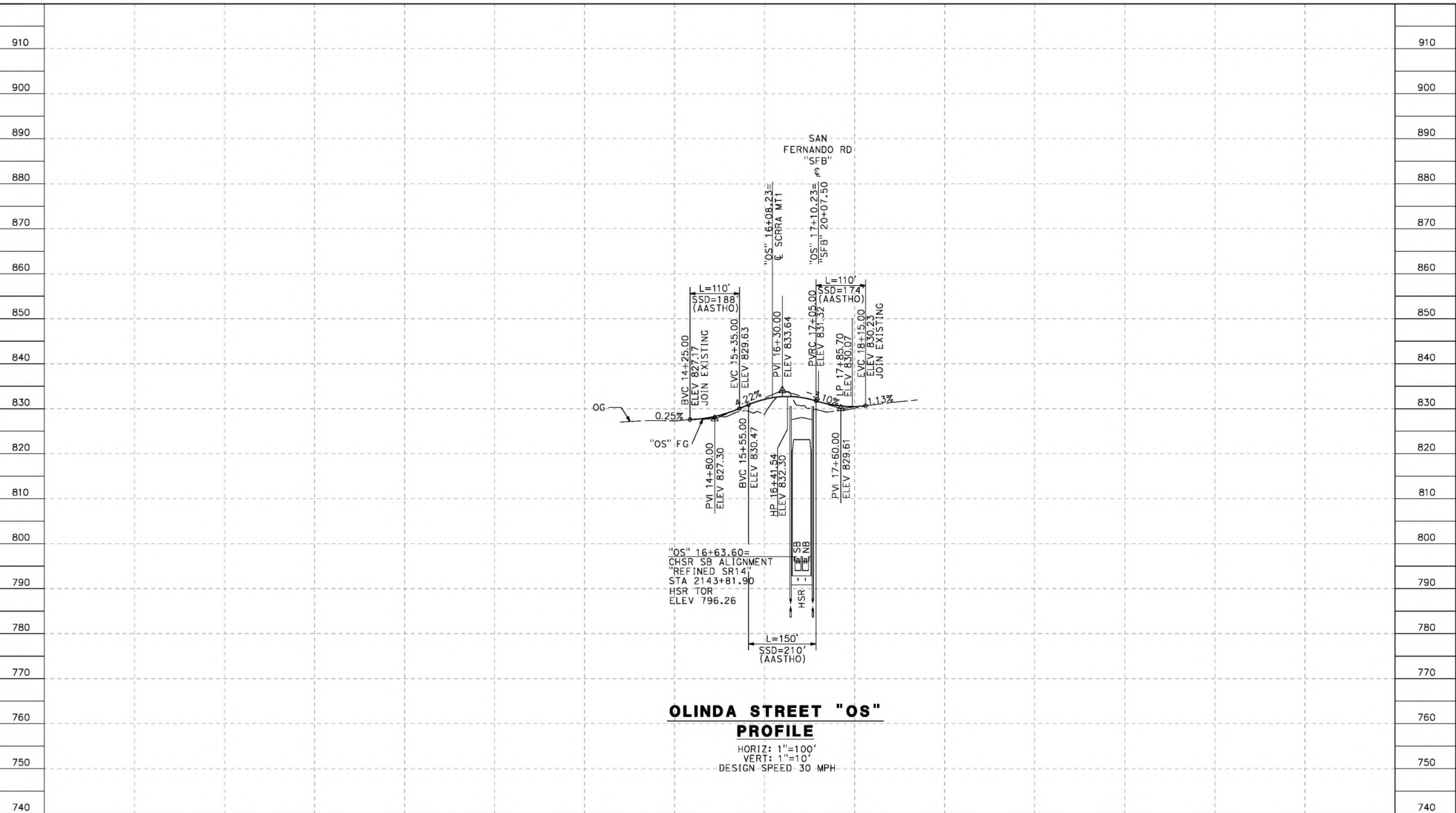
CALIFORNIA HIGH-SPEED RAIL PROJECT PALMDALE TO BURBANK ALIGNMENT "REFINED SR14" ROADWAY PROFILE SAN FERNANDO ROAD "SFR1"		CONTRACT NO. HSR14-42 DRAWING NO. CV-R1026-S14 SCALE AS SHOWN SHEET NO.
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REV	DATE	BY	CHK	APP	DESCRIPTION

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5/23/2021 6:30:30 PM

cordo



**OLINDA STREET "OS"
PROFILE**

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 30 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	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 "REFINED SR14"
ROADWAY PROFILE
OLINDA STREET

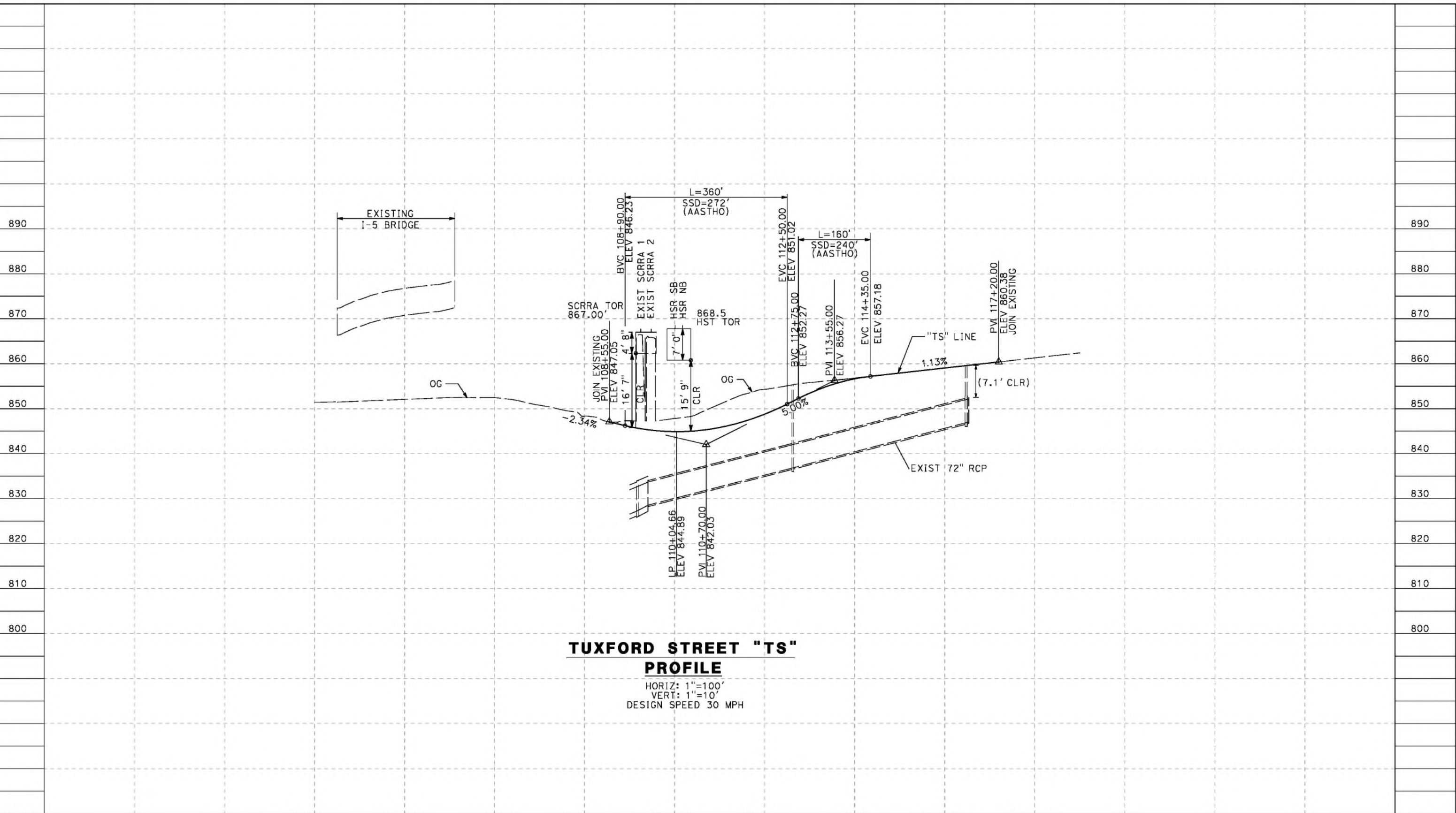
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1029-S14
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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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	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 "REFINED SR14"
 ROADWAY PROFILE
 TUXFORD STREET

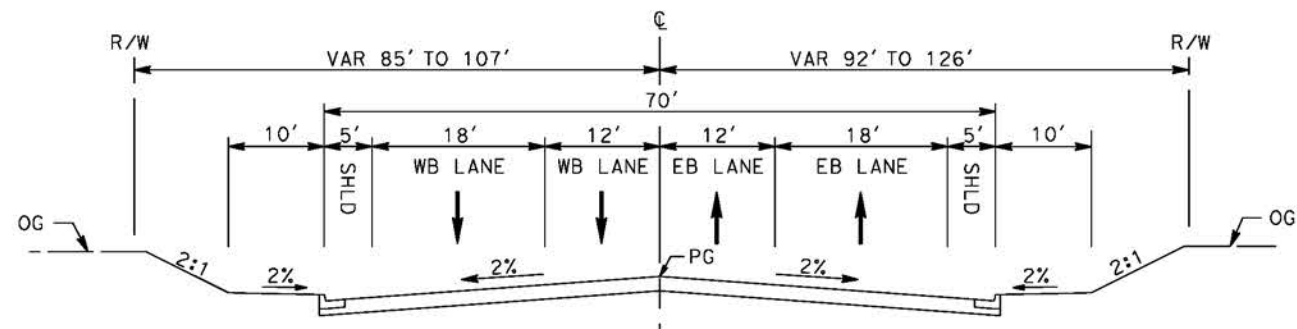
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1030-S14
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

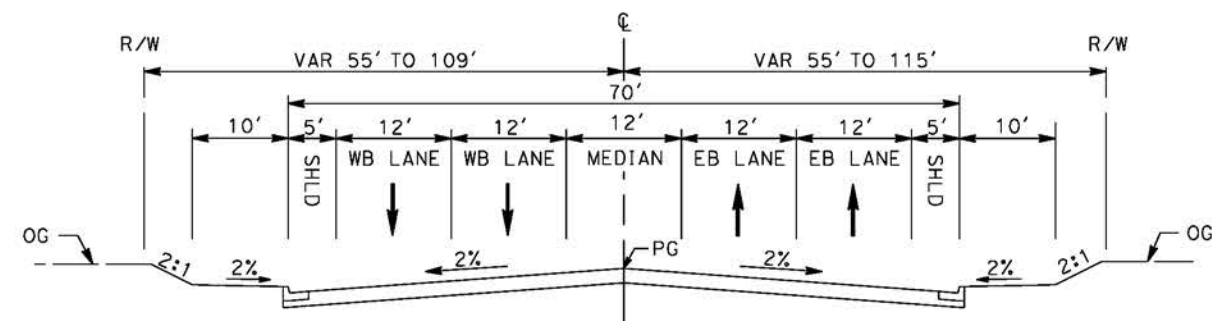
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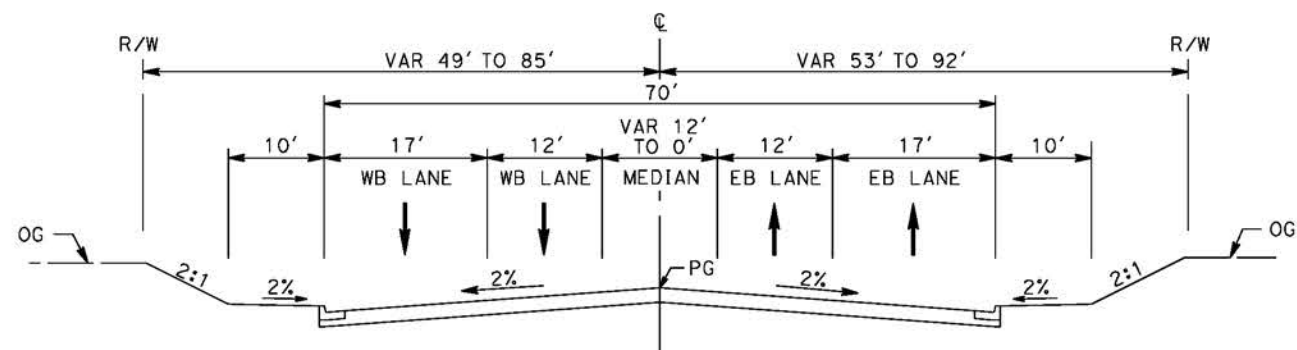
cordo



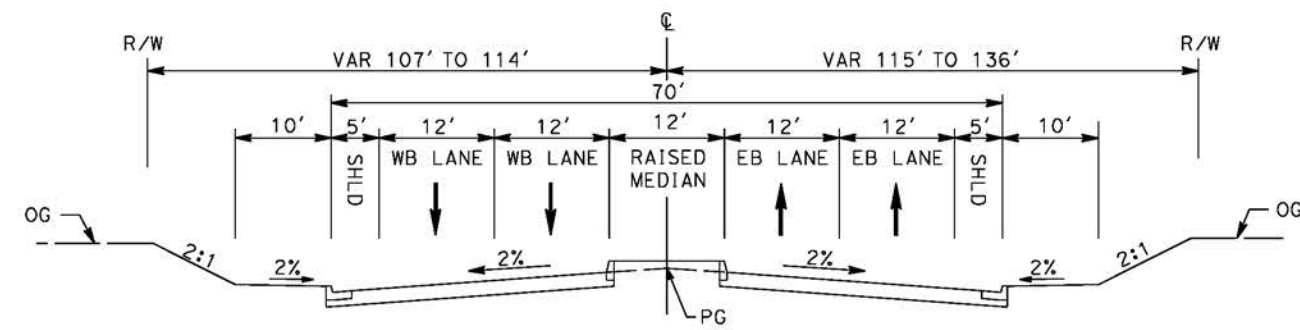
E BARREL SPRINGS ROAD
 STA 25+75 TO STA 34+00
 SECONDARY HIGHWAY
 PER LOS ANGELES COUNTY MASTER PLAN OF HIGHWAYS



E BARREL SPRINGS ROAD
 STA 39+48 TO STA 47+23
 SECONDARY HIGHWAY
 PER LOS ANGELES COUNTY MASTER PLAN OF HIGHWAYS



E BARREL SPRINGS ROAD
 STA 16+30 TO STA 25+75
 SECONDARY HIGHWAY
 PER LOS ANGELES COUNTY MASTER PLAN OF HIGHWAYS



E BARREL SPRINGS ROAD
 STA 34+00 TO STA 39+48
 SECONDARY 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



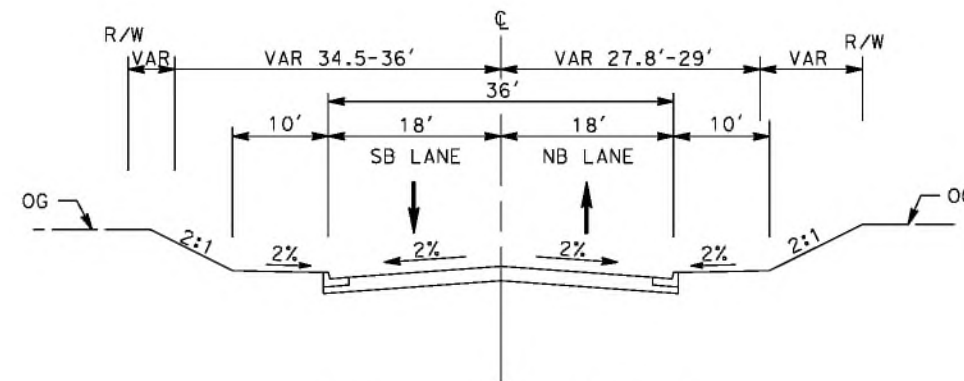
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 TYPICAL SECTIONS
 E BARREL SPRINGS ROAD

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R3001-S14
 SCALE
NO SCALE
 SHEET NO.

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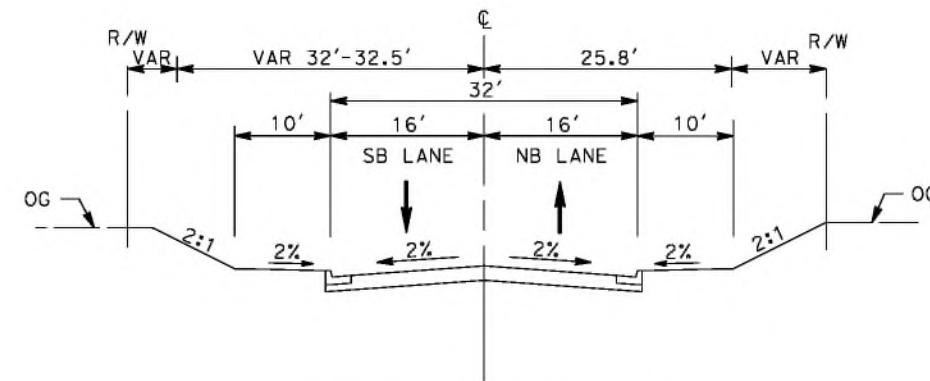
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cordo



SIXTH STREET EAST

STA 10+00 TO STA 13+60
 INTERIOR LOCAL STREET
 PER LOS ANGELES COUNTY CODE OF ORDINANCES
 CHAPTER 21 PARTS 2 AND 3



SIXTH STREET EAST

STA 7+50 TO STA 9+65
 CUL-DE-SAC STREET
 PER LOS ANGELES COUNTY CODE OF ORDINANCES
 CHAPTER 21 PARTS 2 AND 3

REV	DATE	BY	CHK	APP	DESCRIPTION

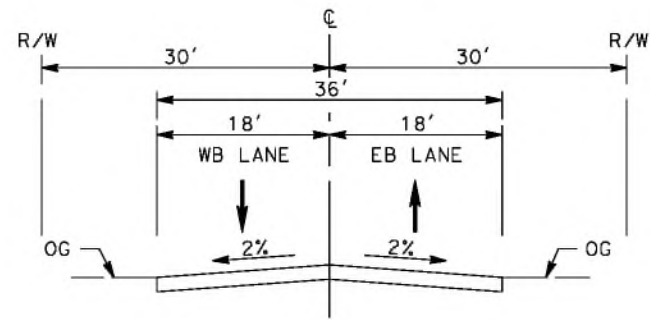
DESIGNED BY
 J.C. ALAMILLA
 DRAWN BY
 A. SANZ
 CHECKED BY
 W. GUO
 IN CHARGE
 A. RELANO
 DATE
 04/30/2021

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



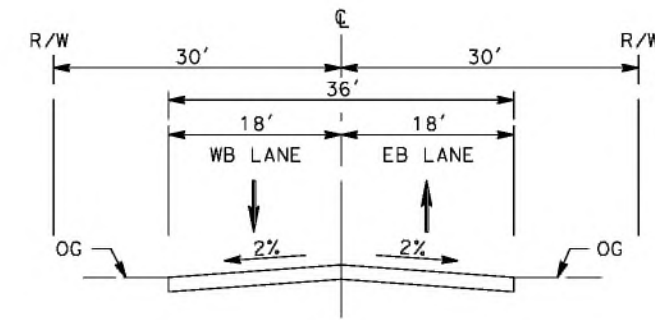
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "REFINED SR14"
 TYPICAL SECTIONS
 SIXTH STREET EAST

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-R3002-S14
 SCALE
 NO SCALE
 SHEET NO.



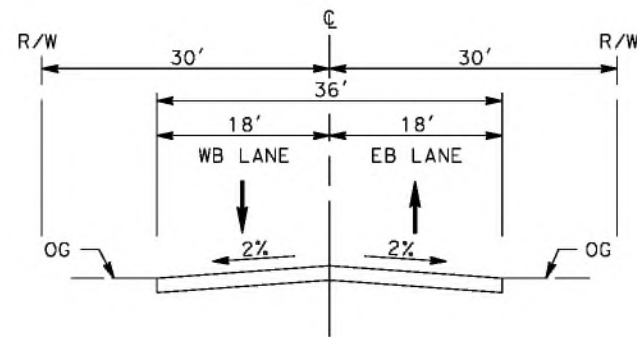
HAROLD THIRD STREET

INTERIOR LOCAL STREET
 PER LOS ANGELES COUNTY CODE OF ORDINANCES
 CHAPTER 21 PARTS 2 AND 3



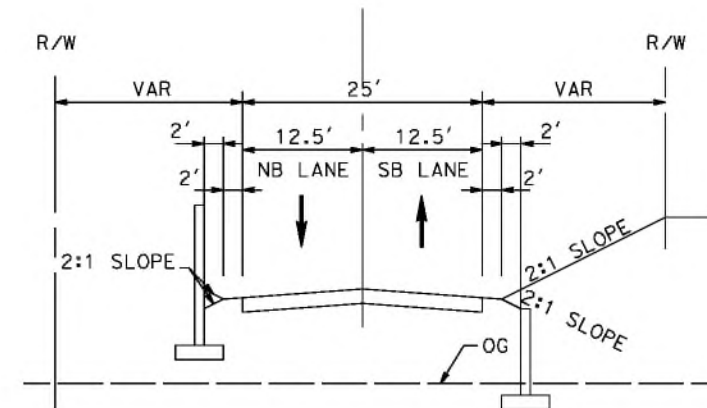
HAROLD FIFTH STREET

INTERIOR LOCAL STREET
 PER LOS ANGELES COUNTY CODE OF ORDINANCES
 CHAPTER 21 PARTS 2 AND 3



HAROLD DATE AVE

INTERIOR LOCAL STREET
 PER LOS ANGELES COUNTY CODE OF ORDINANCES
 CHAPTER 21 PARTS 2 AND 3



E BARREL SPRINGS ACCESS ROAD

STA 0+00 TO STA 20+00
 INTERIOR LOCAL STREET
 PER LOS ANGELES COUNTY CODE OF ORDINANCES
 CHAPTER 21 PARTS 2 AND 3

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5/26/2021 9:44:12 PM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

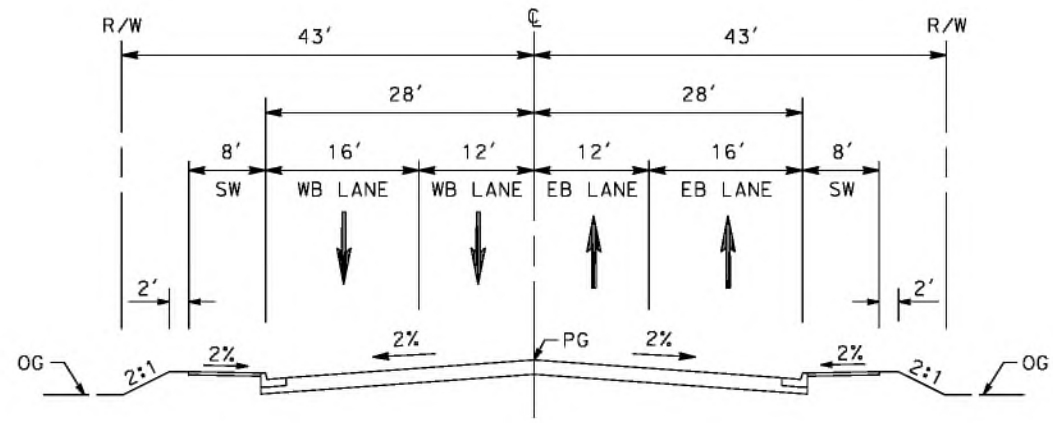
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

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

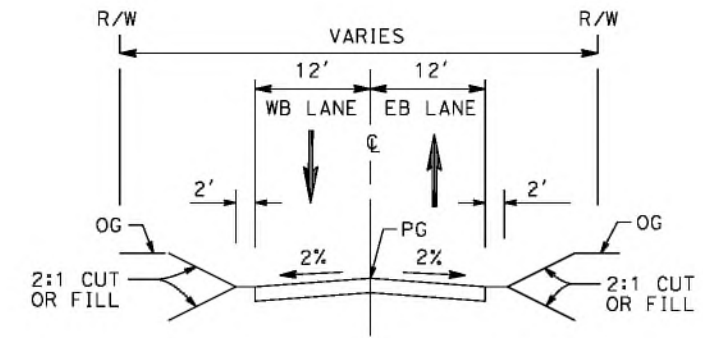


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "REFINED SR14"
 TYPICAL SECTIONS
 HAROLD THIRD STREET, HAROLD DATE AVE,
 HAROLD FIFTH STREET AND E BARREL SPRINGS ACCESS RD

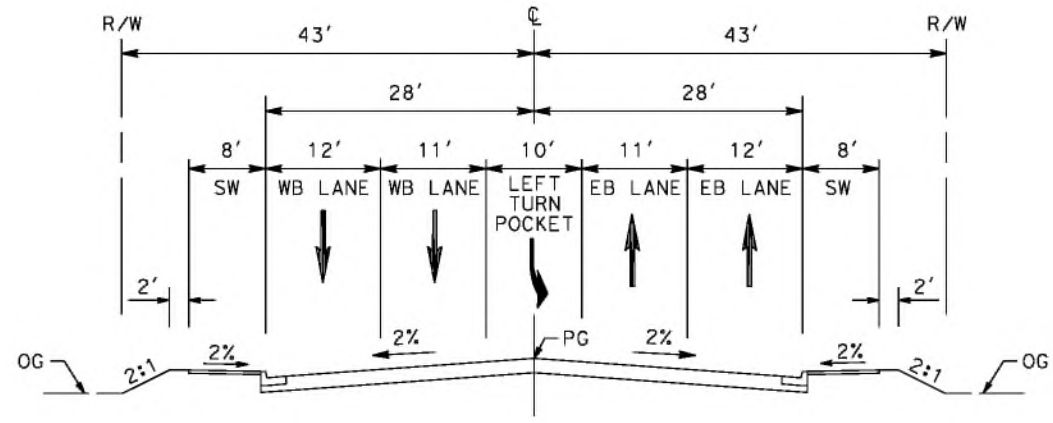
CONTRACT NO.
HSR14-42
 DRAWING NO.
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 SCALE
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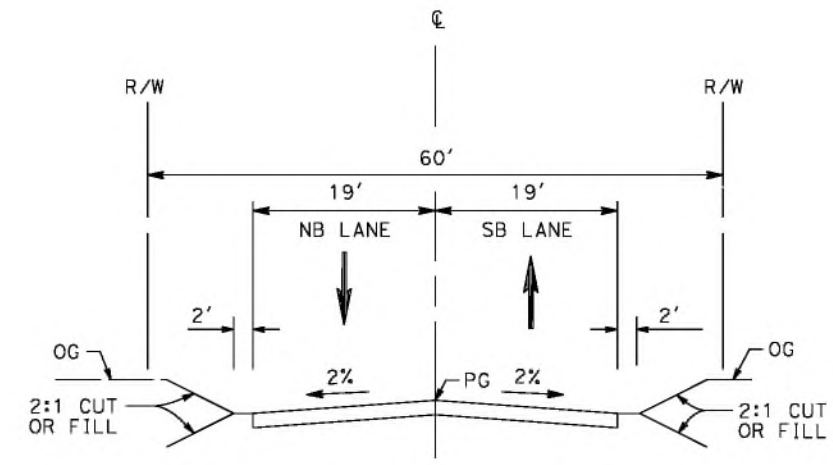
BRANFORD STREET
 STA 14+51 TO STA 25+80
 AVENUE II (SECONDARY HIGHWAY)
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



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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4/30/2021 10:33:09 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



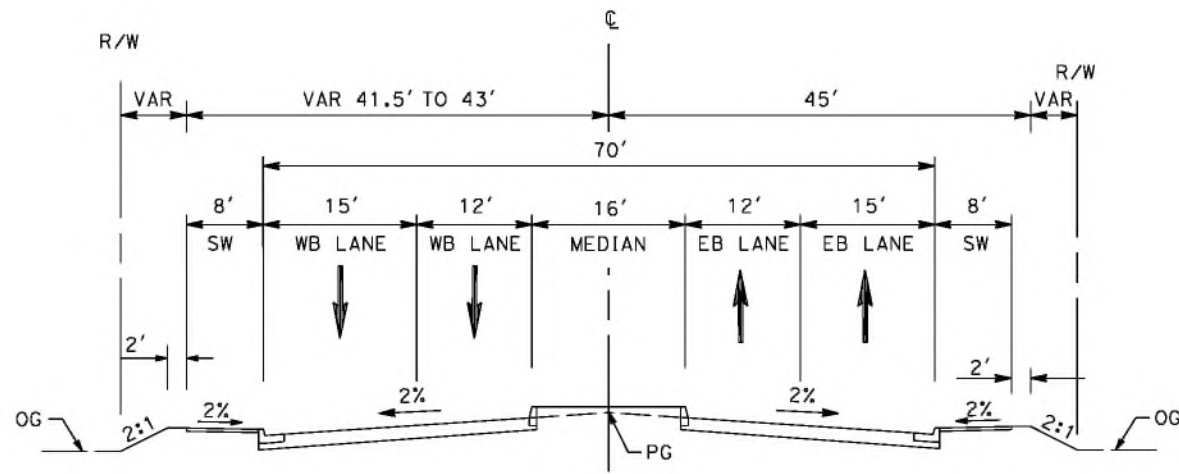
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 TYPICAL SECTIONS
 BRANFORD ST, RALSTON AVE AND ACCESS RD

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R3004-S14
 SCALE
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 SHEET NO.

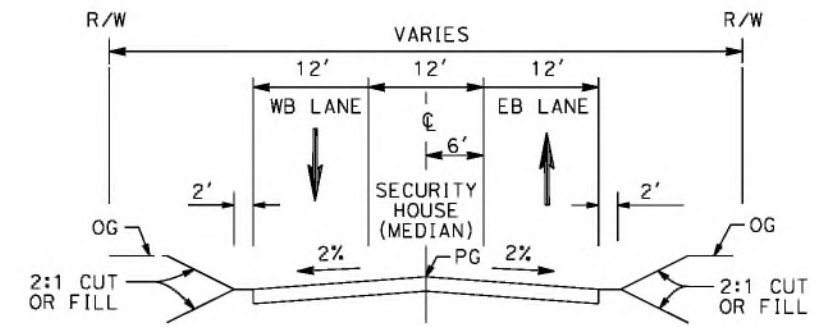
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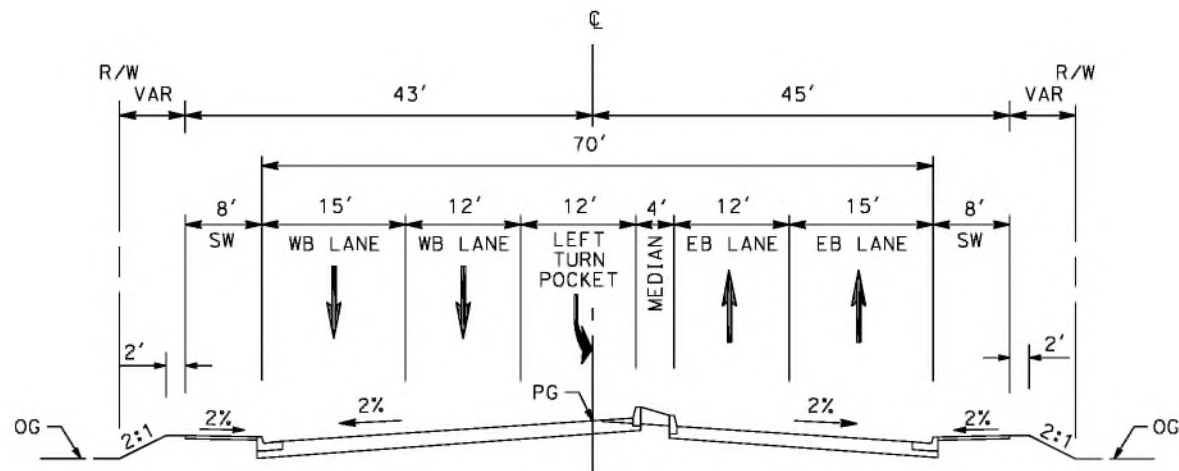
cordo



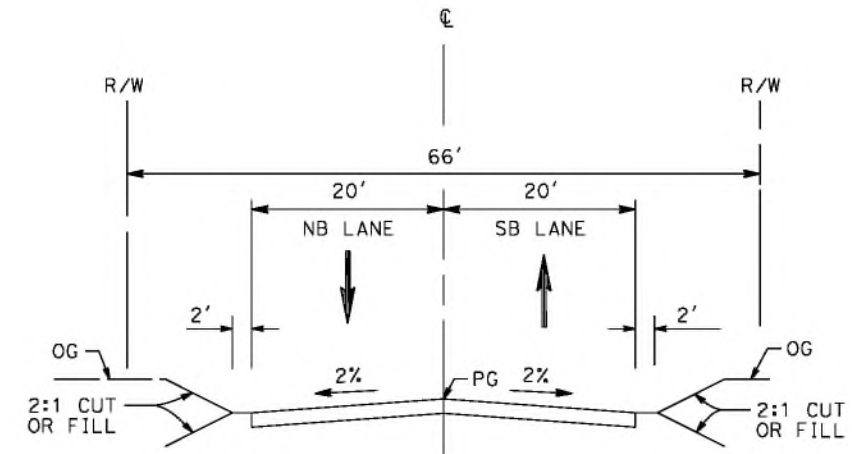
SHELDON STREET
 STA 10+25 TO STA 12+70
 AVENUE II (SECONDARY HIGHWAY)
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



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

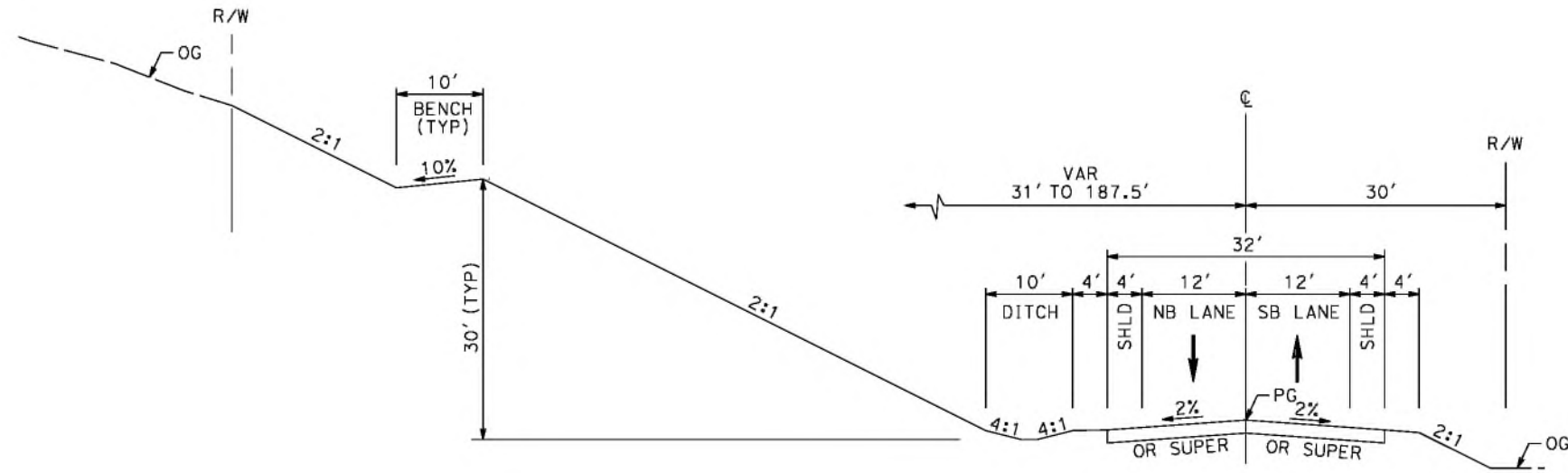
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
 REV 02
NOT FOR CONSTRUCTION

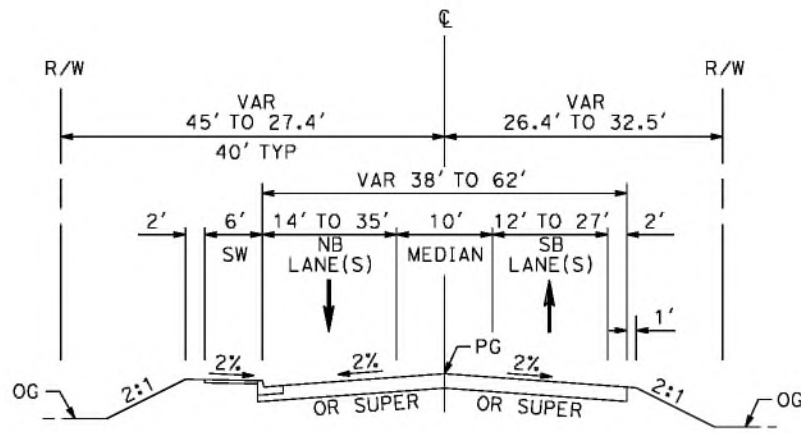


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 TYPICAL SECTIONS
 SHELDON ST, PRIVATE RD 1 AND LADWP RD

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-R3005-S14
 SCALE
 NO SCALE
 SHEET NO.



SIERRA HIGHWAY
 STA 728+48 TO 774+80
 MAJOR ARTERIAL (B1)
 PER CITY OF PALMDALE GENERAL PLAN



SIERRA HIGHWAY
 STA 706+68 TO STA 728+48
 MAJOR ARTERIAL (B1)
 PER CITY OF PALMDALE GENERAL PLAN

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4/30/2021 10:36:26 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 "REFINED SR14"
 TYPICAL SECTIONS
 SIERRA HIGHWAY
 SHEET 1 OF 2

CONTRACT NO.
HSR14-42

DRAWING NO.
CV-R3006-S14

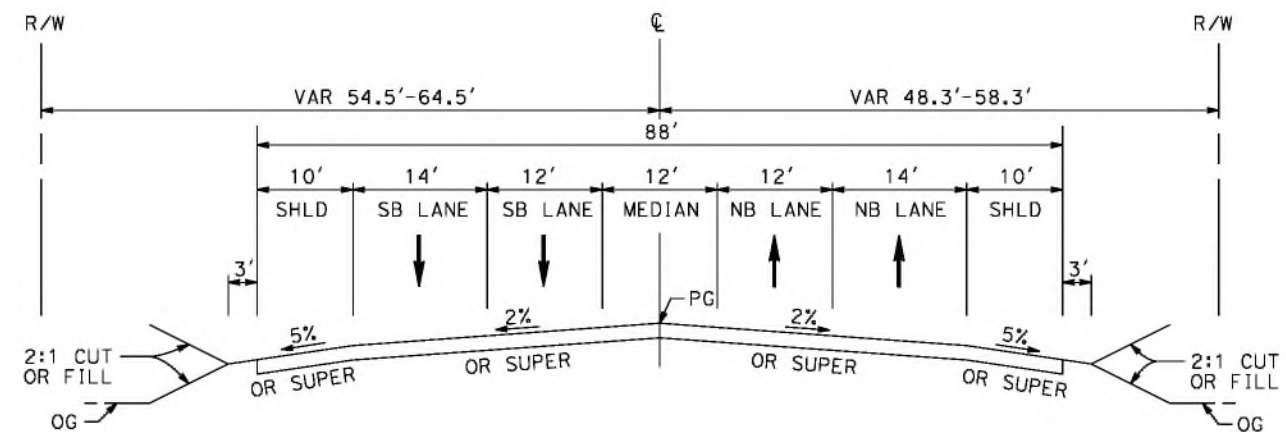
SCALE
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SHEET NO.

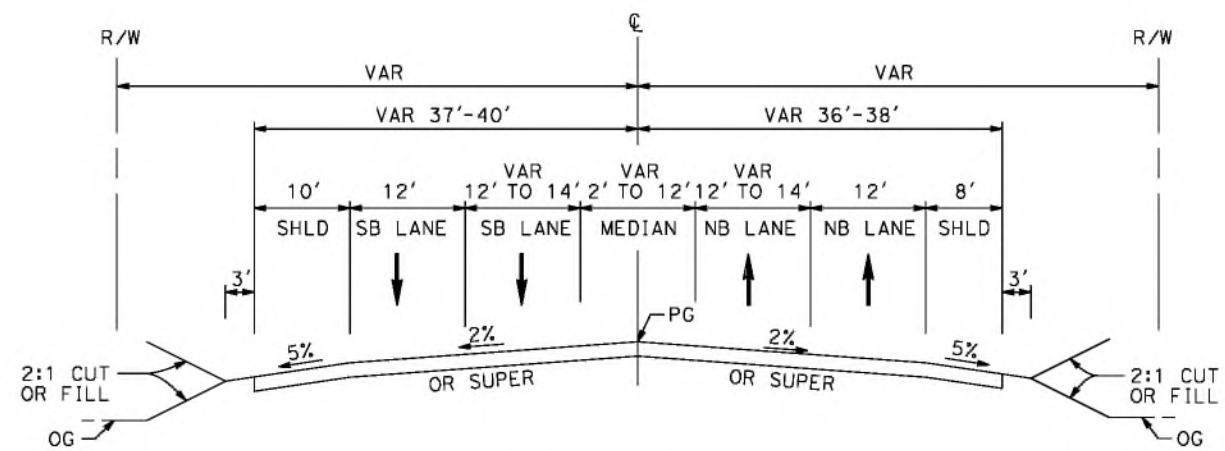
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4/30/2021 10:37:45 PM

cordo



SIERRA HIGHWAY
 STA 6+78.00 TO STA 34+50.00
 MAJOR HIGHWAY
 PER LOS ANGELES COUNTY
 MASTER PLAN OF HIGHWAYS



SIERRA HIGHWAY
 STA 4+27 TO STA 6+78
 MAJOR HIGHWAY
 PER LOS ANGELES COUNTY
 MASTER PLAN OF HIGHWAYS

REV	DATE	BY	CHK	APP	DESCRIPTION

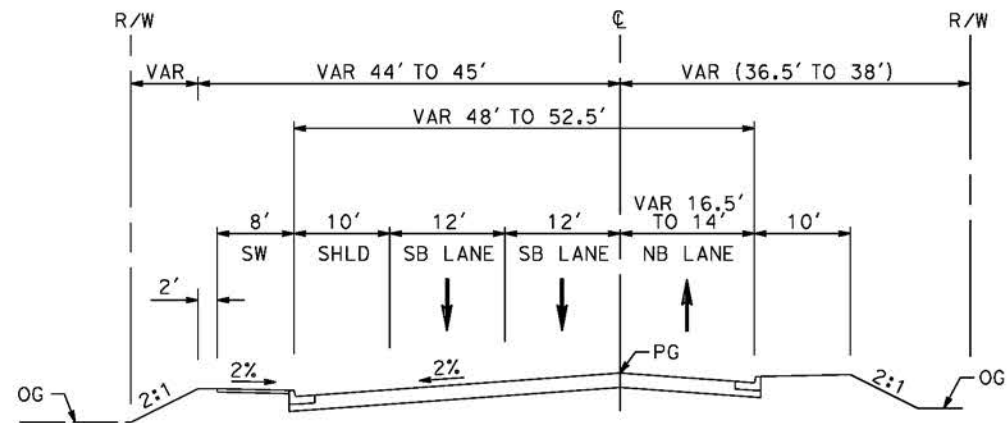
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
 REV 02
NOT FOR CONSTRUCTION

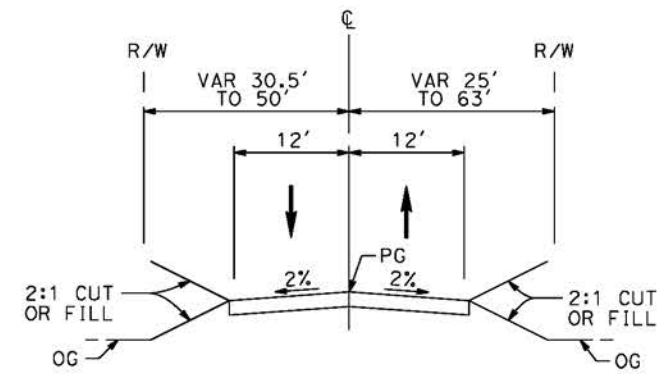


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 TYPICAL SECTIONS
 SIERRA HIGHWAY
 SHEET 2 OF 2

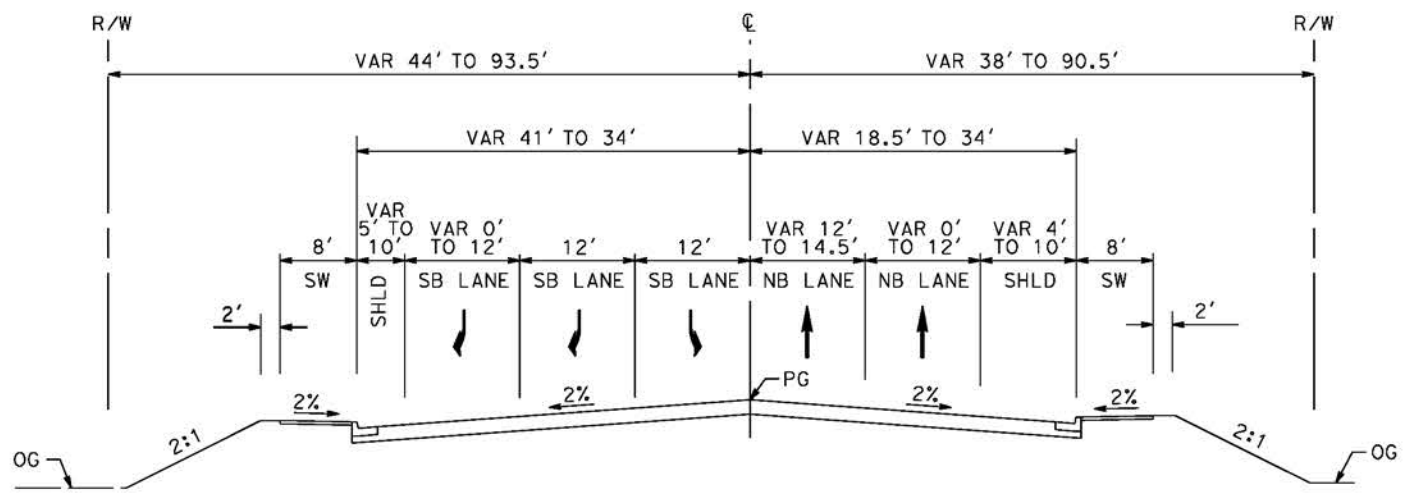
CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-R3007-S14
 SCALE
 NO SCALE
 SHEET NO.



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



WATER TREATMENT PLANT ROAD 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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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



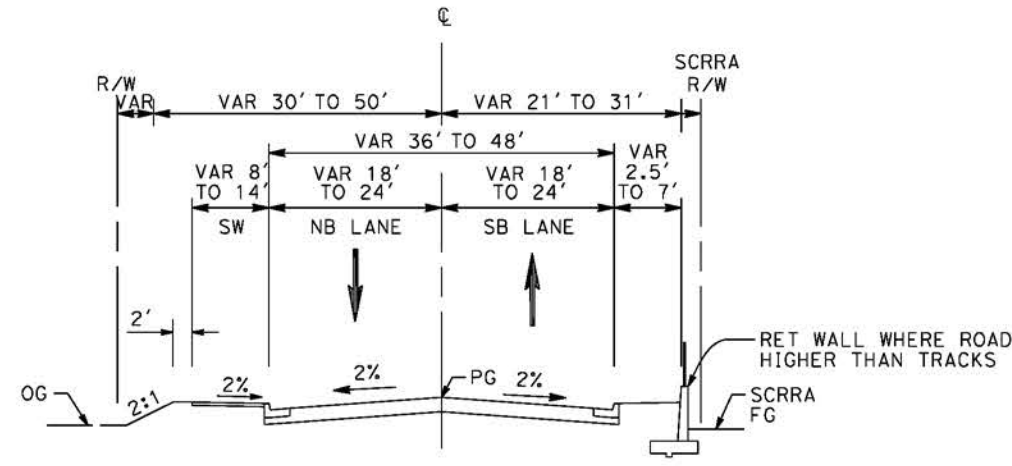
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 TYPICAL SECTIONS
 EAST TENTH STREET
 AND WATER TREATMENT PLANT ACCESS RD 2

CONTRACT NO.	HSR14-42
DRAWING NO.	CV-R3008-S14
SCALE	NO SCALE
SHEET NO.	

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4/30/2021 10:43:52 PM

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



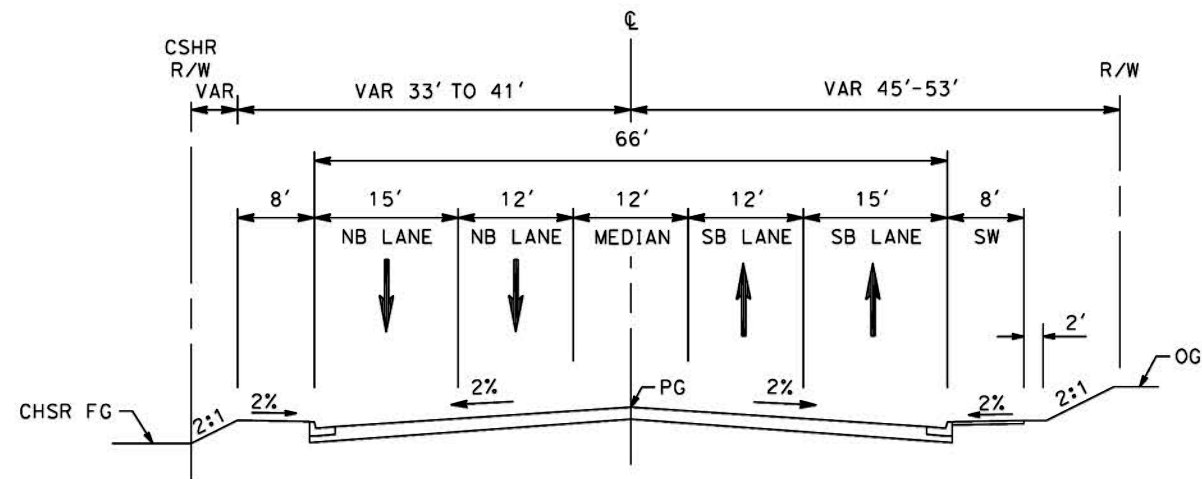
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
TYPICAL SECTIONS
SAN FERNANDO ROAD
SHEET 1 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R3009-S14
SCALE
NO SCALE
SHEET NO.

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4/30/2021 10:45:53 PM

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



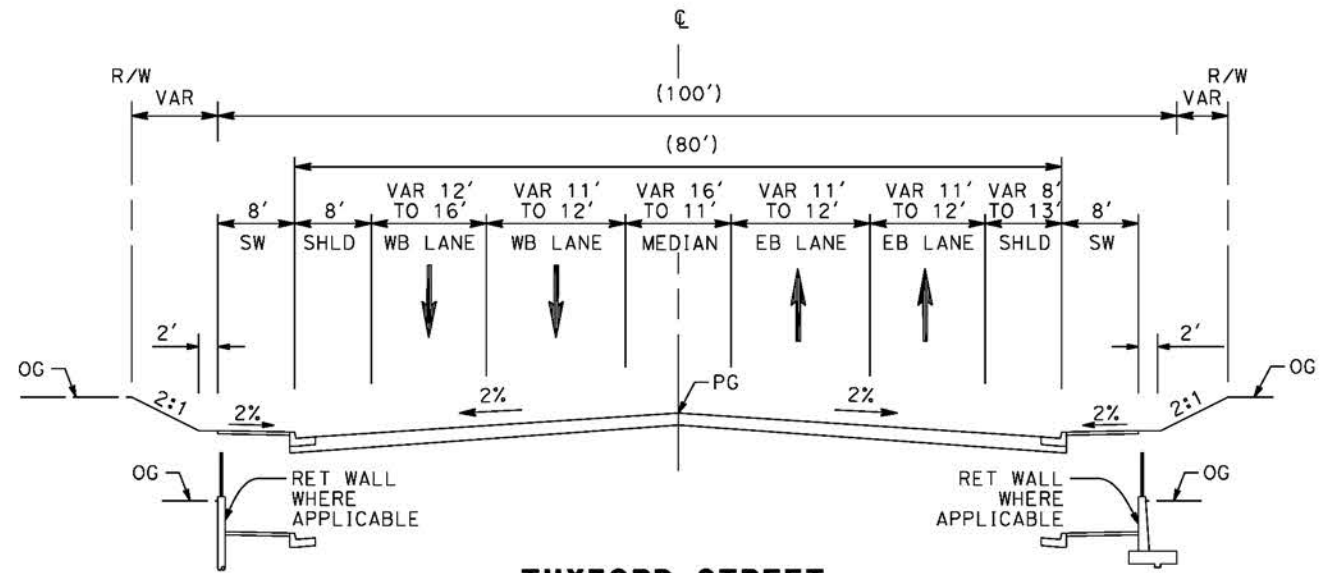
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
TYPICAL SECTIONS
SAN FERNANDO ROAD
SHEET 2 OF 2

CONTRACT NO.
HSR14-42

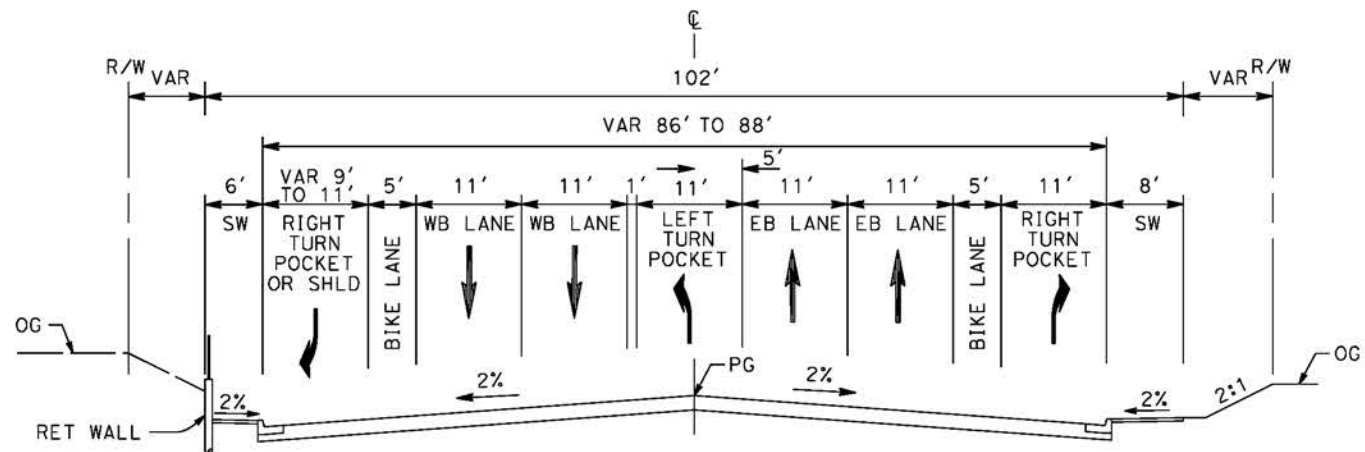
DRAWING NO.
CV-R3010-S14

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

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4/30/2021 10:49:05 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



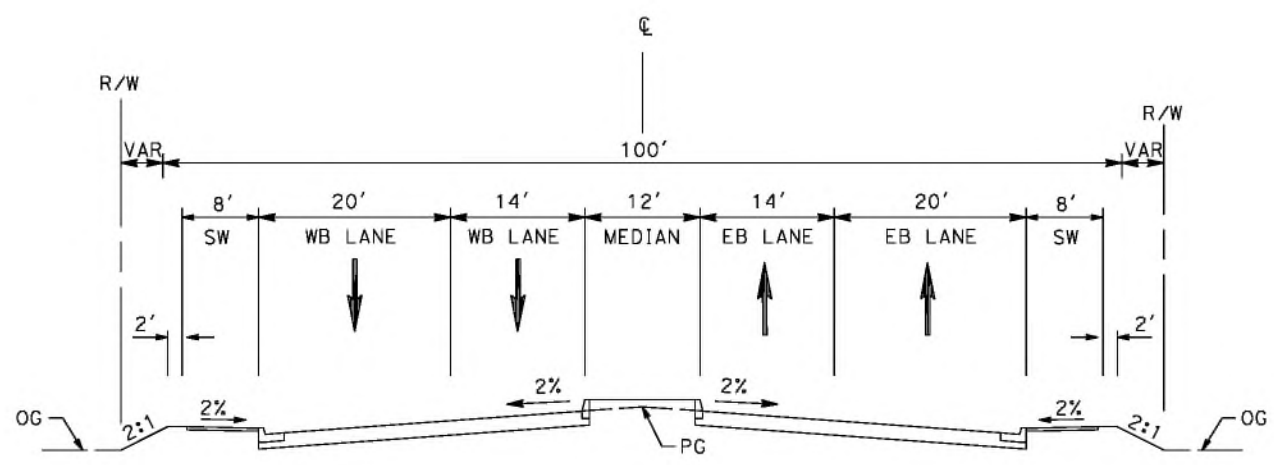
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 TYPICAL SECTIONS
 TUXFORD STREET

CONTRACT NO.
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 DRAWING NO.
CV-R3011-S14
 SCALE
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 SHEET NO.

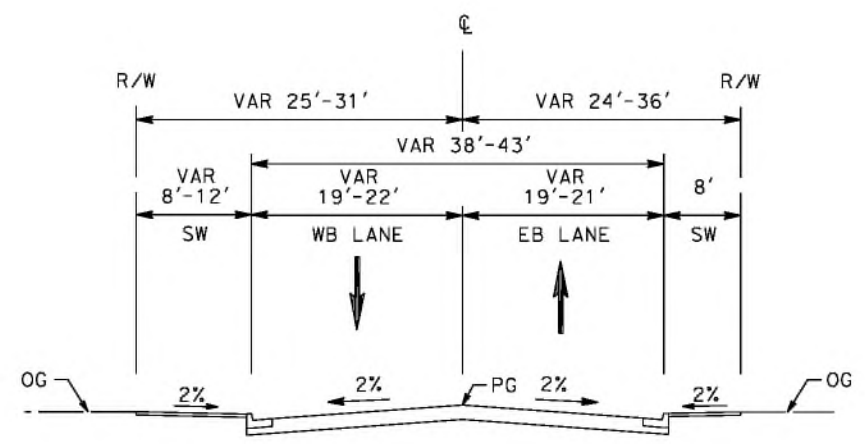
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cordo



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



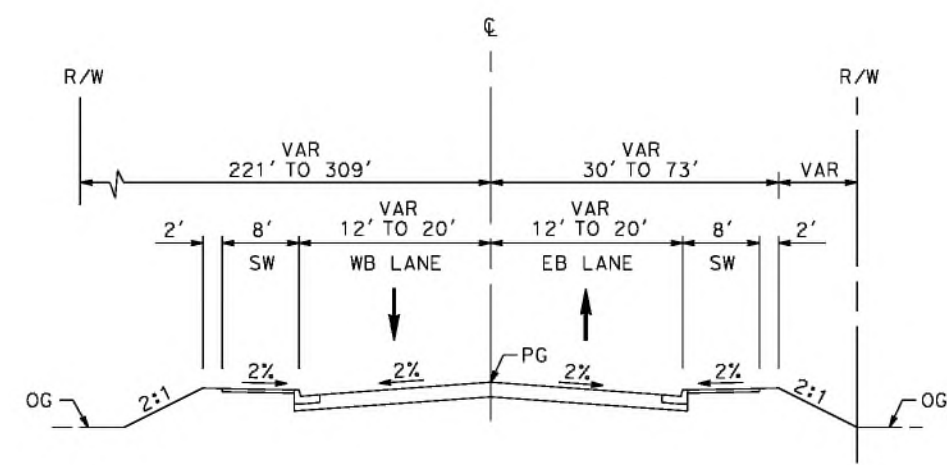
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PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 TYPICAL SECTIONS
 OLINDA STREET

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-R3012-S14
 SCALE
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 SHEET NO.

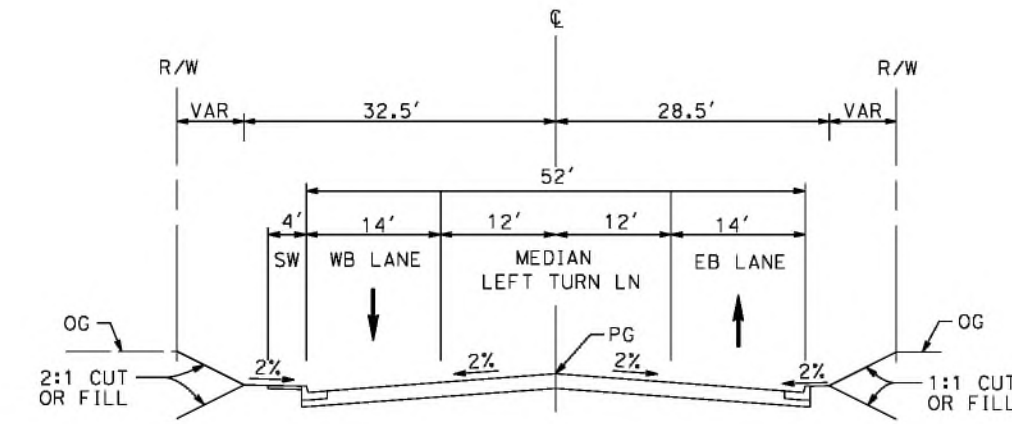
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cordo



VALLEY FORGE
 STA 10+34 TO 14+98
 RESIDENTIAL ENTRANCE STREET (E)
 PER CITY OF PALMDALE GENERAL PLAN

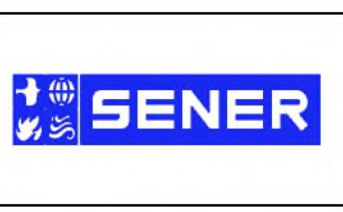


EAST AVENUE R11
 STA 10+36 TO STA 18+38
 LOCAL INTERIOR STREET (F1)
 PER CITY OF PALMDALE GENERAL PLAN

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

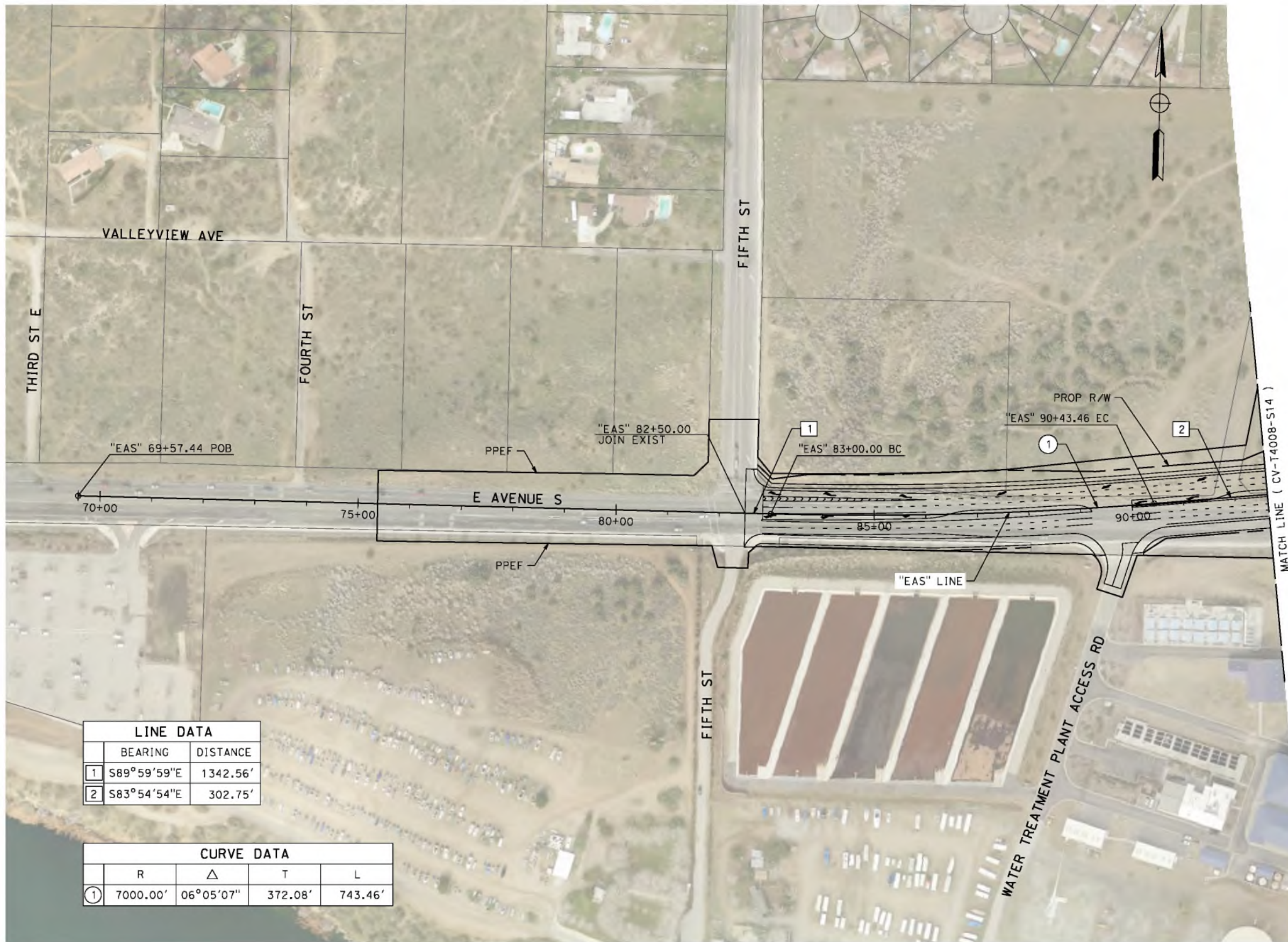
PEPD RECORD SET
 REV 02
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 TYPICAL SECTIONS
 VALLEY FORGE AND EAST AVE R11

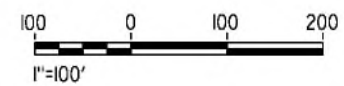
CONTRACT NO.
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 DRAWING NO.
 CV-R3013-S14
 SCALE
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 SHEET NO.

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LINE DATA		
	BEARING	DISTANCE
1	S89°59'59"E	1342.56'
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



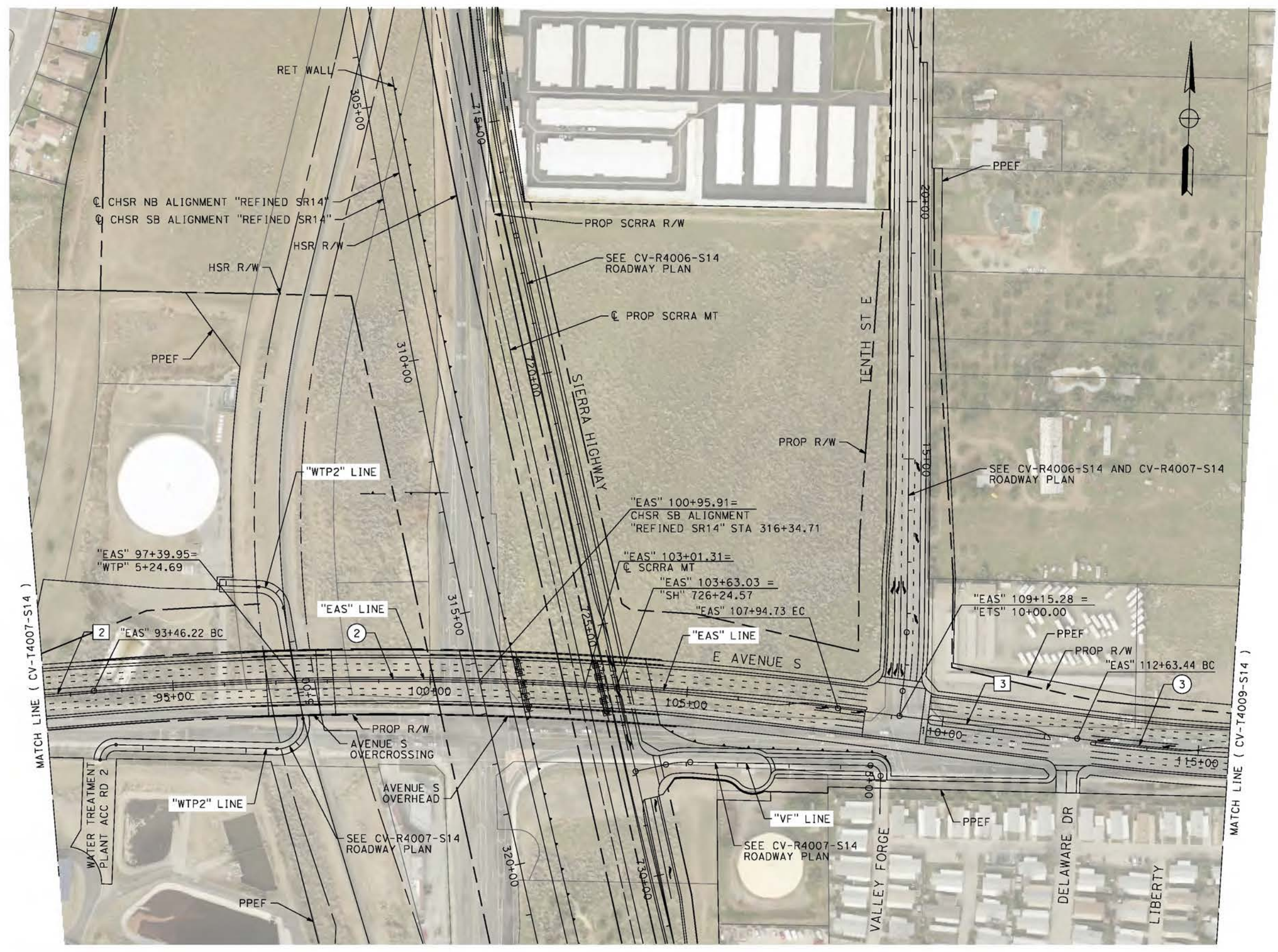
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 1 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4007-S14
SCALE
AS SHOWN
SHEET NO.

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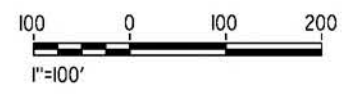
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corcdo



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

CURVE DATA				
	R	Δ	T	L
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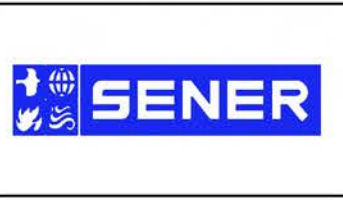


REV	DATE	BY	CHK	APP	DESCRIPTION

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



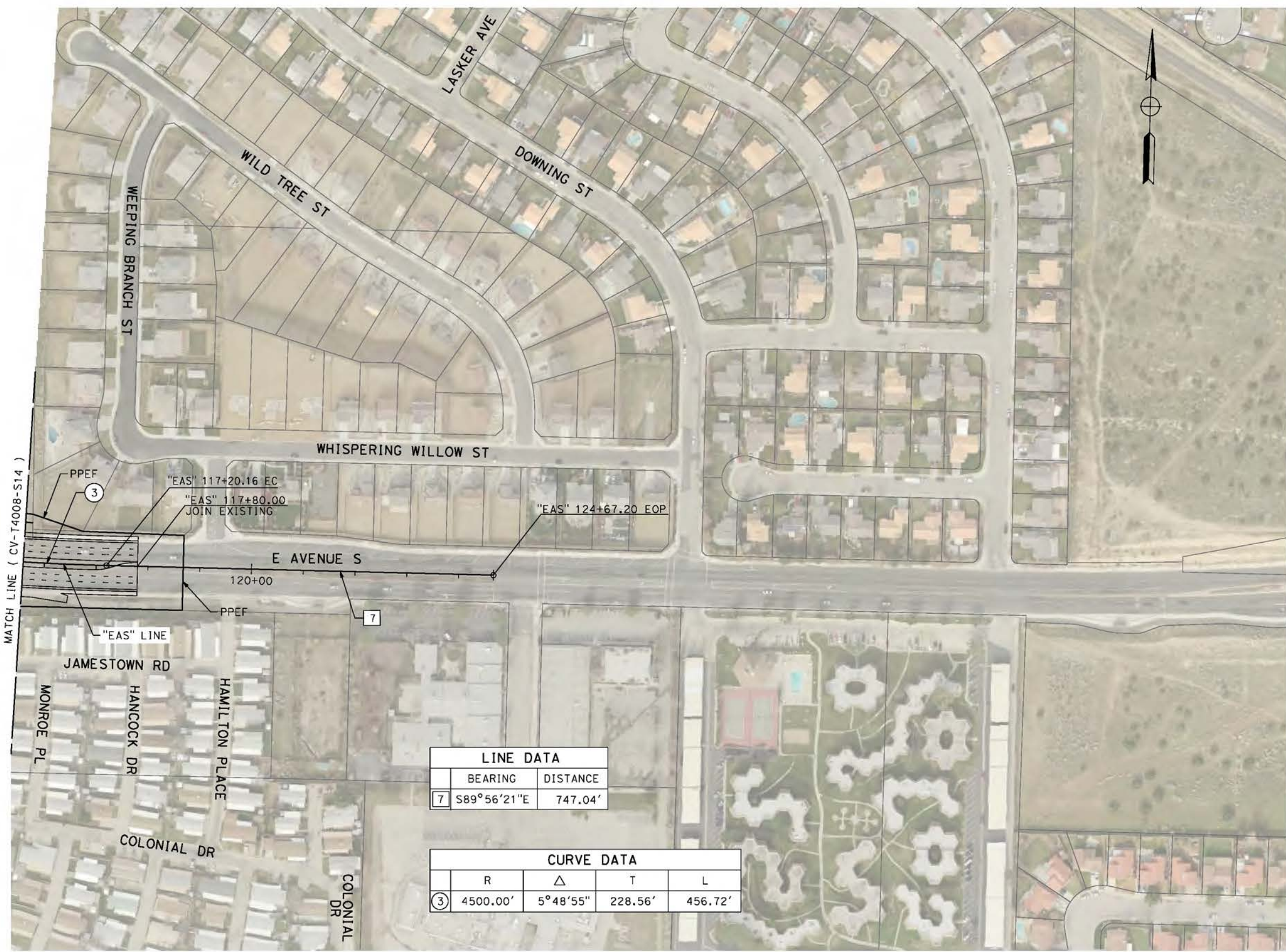
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 2 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4008-S14
SCALE
AS SHOWN
SHEET NO.

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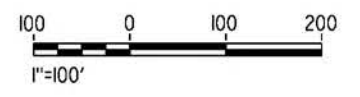
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cordo



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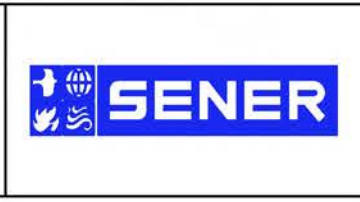
CURVE DATA			
R	Δ	T	L
3 4500.00'	5°48'55"	228.56'	456.72'



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



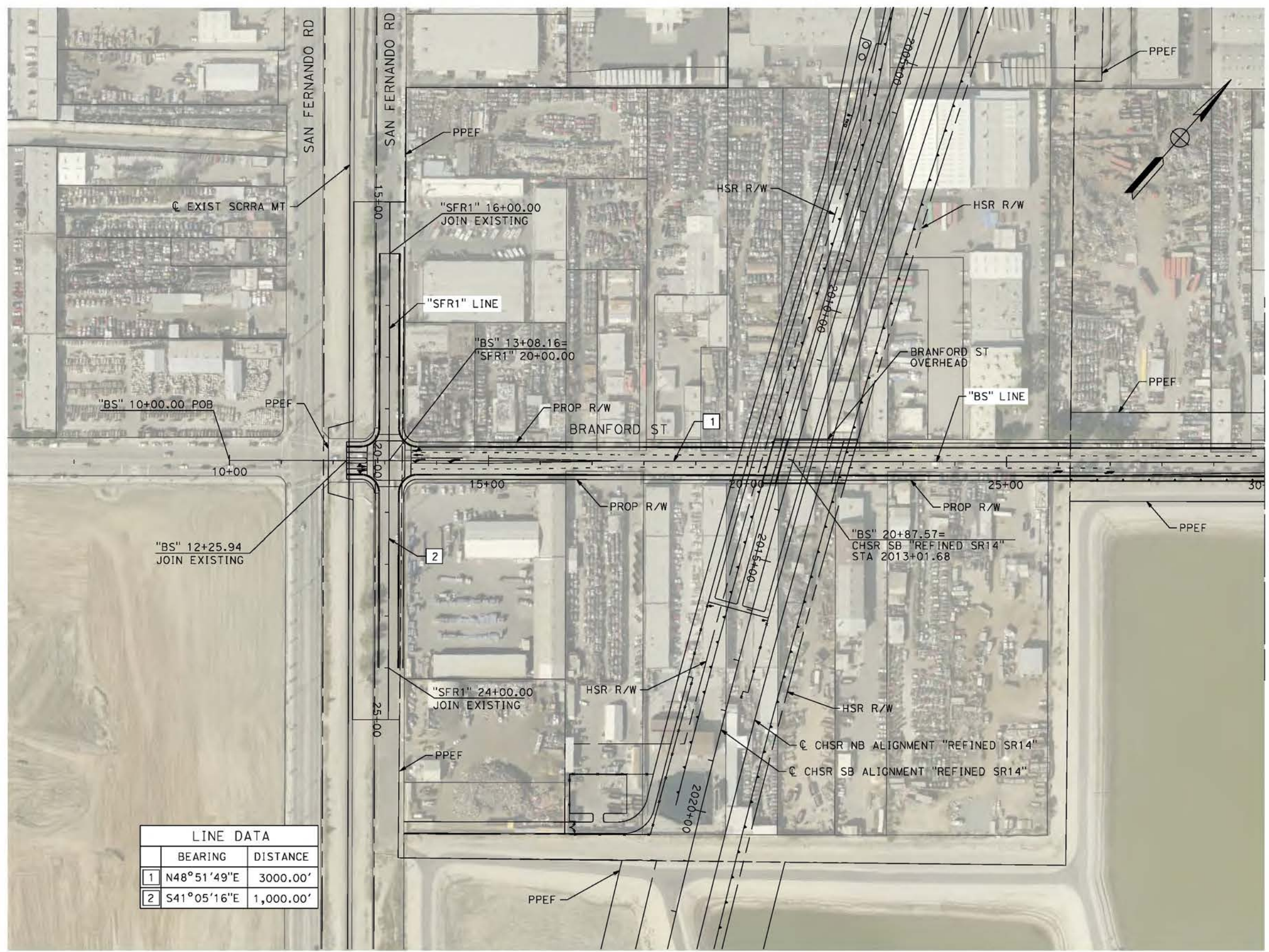
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 3 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4009-S14
SCALE
AS SHOWN
SHEET NO.

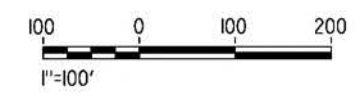
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5/20/2021 7:30:43 PM

cordo



LINE DATA		
	BEARING	DISTANCE
1	N48°51'49"E	3000.00'
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 "REFINED SR14"
GRADE SEPARATION PLAN
BRANFORD STREET AND SAN FERNANDO ROAD "SFR1"
SHEET 1 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4019-S14
SCALE
AS SHOWN
SHEET NO.

ct:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalio.cordova\dms24258\VPB-CV-T4020-S14.dgn

4/23/2021 6:28:31 PM

cor/cor



MATCH LINE (CV-T4019-S14)

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
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



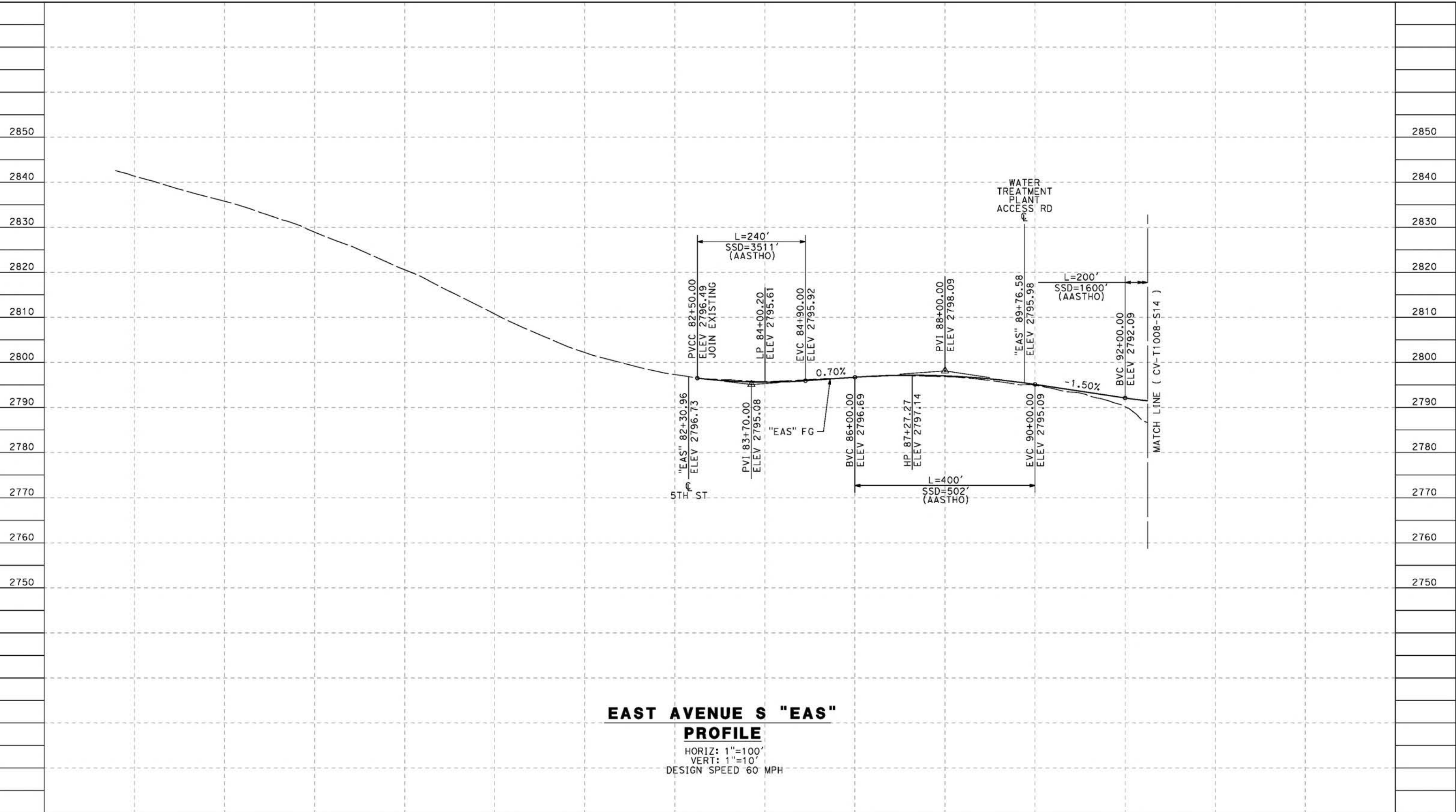
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
GRADE SEPARATION PLAN
BRANFORD STREET
SHEET 2 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4020-S14
SCALE
AS SHOWN
SHEET NO.

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5/23/2021 6:37:37 PM

cordo



**EAST AVENUE S "EAS"
PROFILE**

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

STATION	82+00	84+00	86+00	88+00	90+00	92+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 AUTHORITY**

**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
GRADE SEPARATION PROFILE
EAST AVENUE S
SHEET 1 OF 3

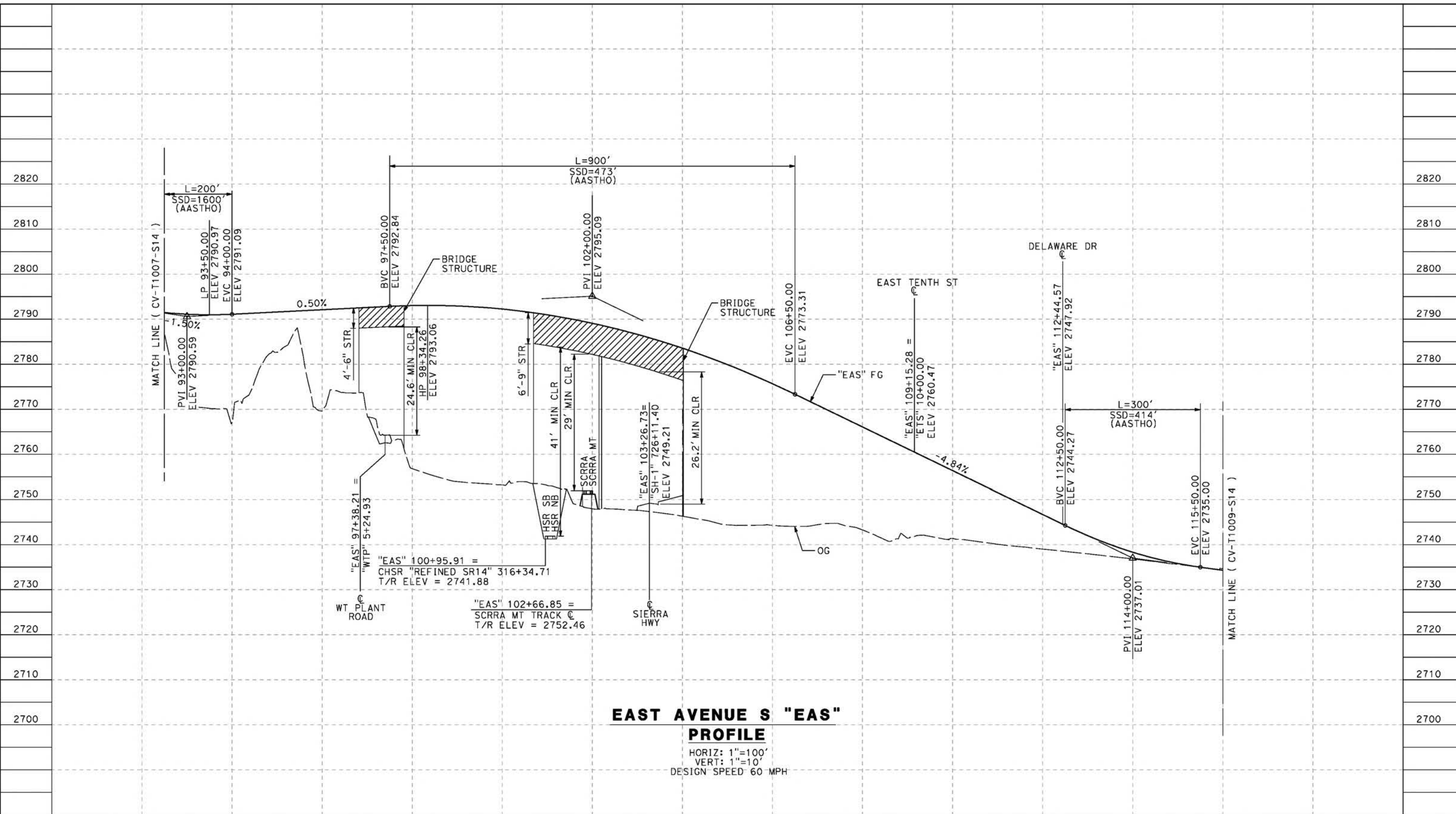
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T1007-S14
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



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

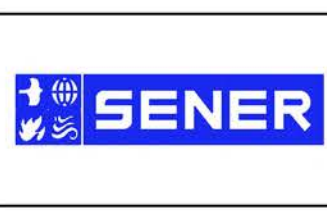
STATION	92+00	94+00	96+00	98+00	100+00	102+00	104+00	106+00	108+00	110+00	112+00	114+00	116+00	TOTAL
Exc														
Emb														

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**



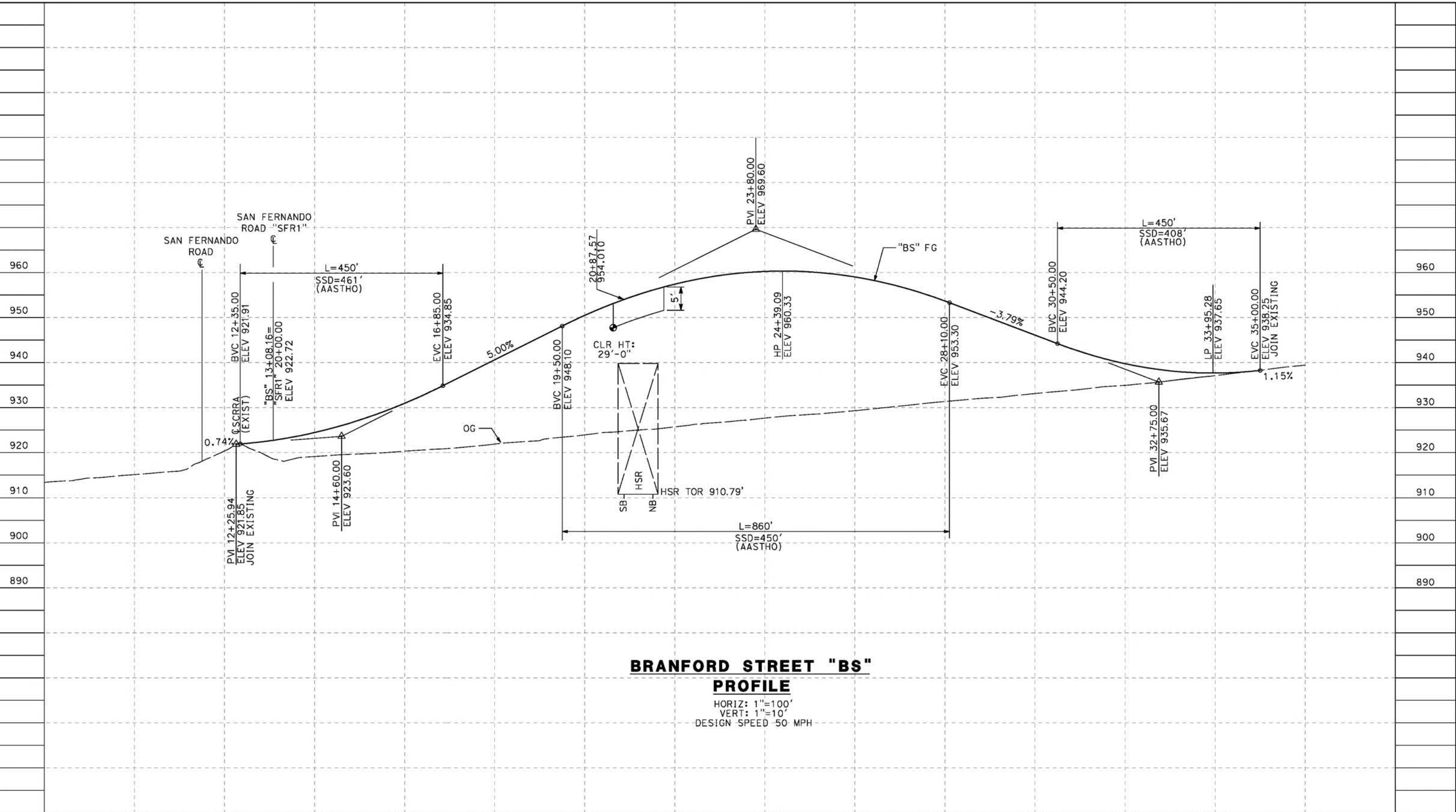
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
GRADE SEPARATION PROFILE
EAST AVENUE S
SHEET 2 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T1008-S14
SCALE
AS SHOWN
SHEET NO.

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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	36+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**

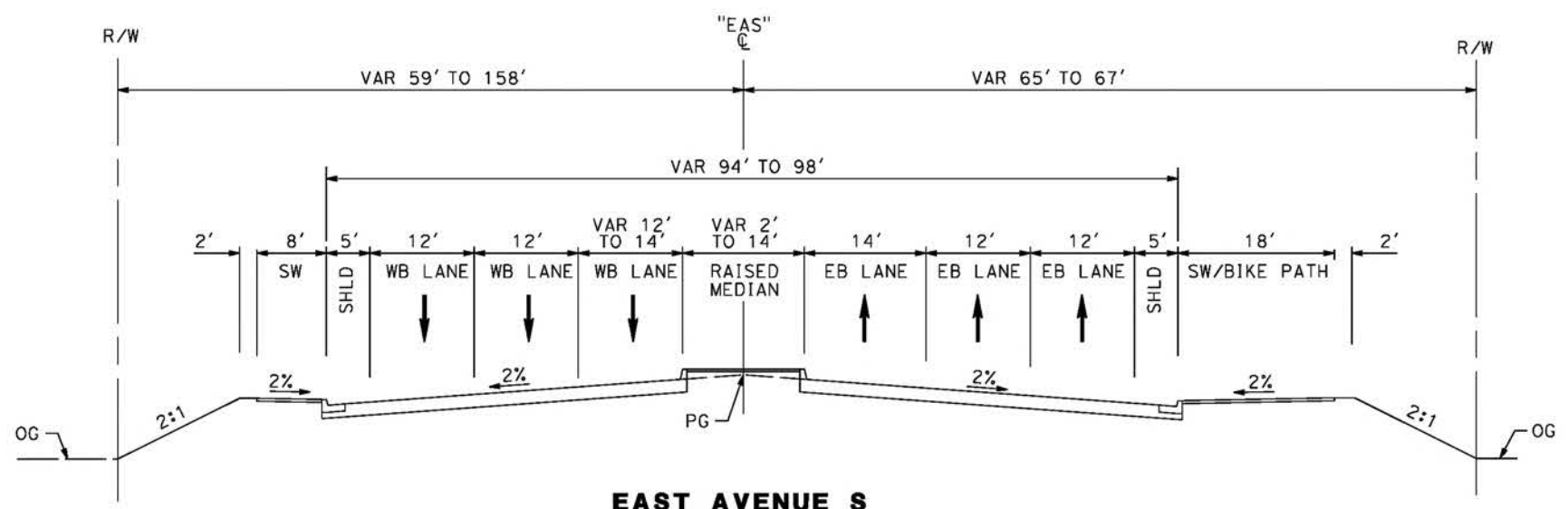
ALIGNMENT "REFINED SR14"
 GRADE SEPARATION PROFILE
 BRANFORD STREET

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1015-S14
 SCALE
AS SHOWN
 SHEET NO.

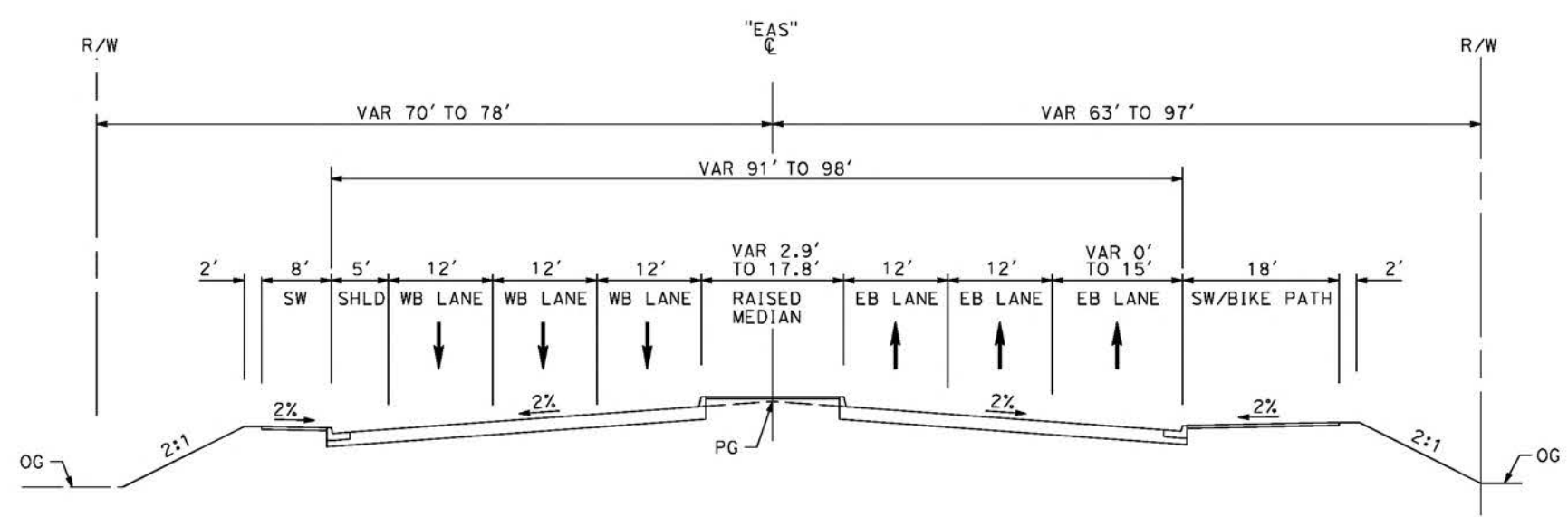
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cordo



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

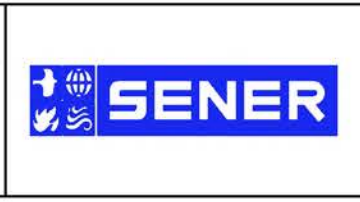


EAST AVENUE S
 STA 83+84 TO STA 90+00
 MAJOR ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN

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



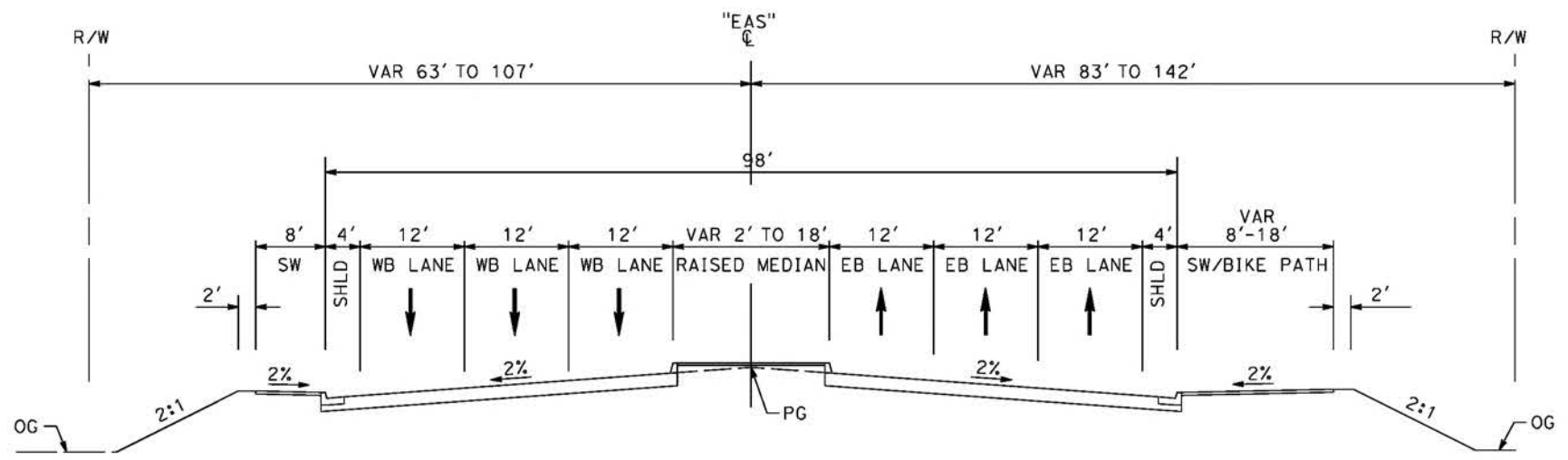
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 TYPICAL SECTIONS
 EAST AVENUE S
 SHEET 1 OF 2

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-T3001-S14
 SCALE
 NO SCALE
 SHEET NO.

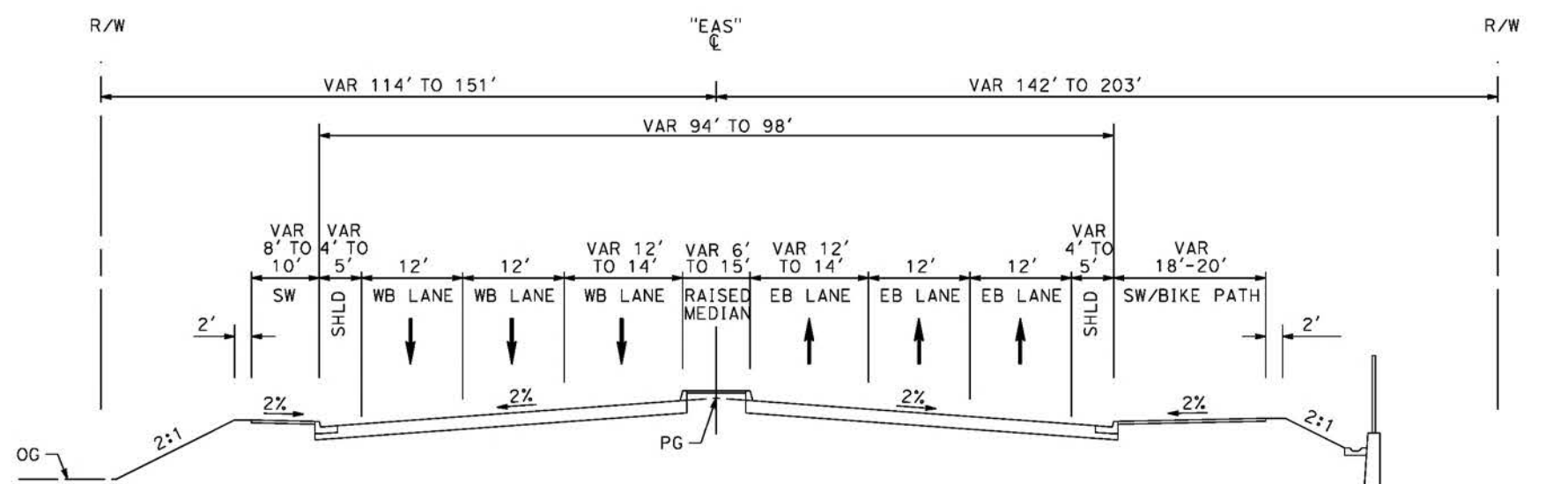
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cordo



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

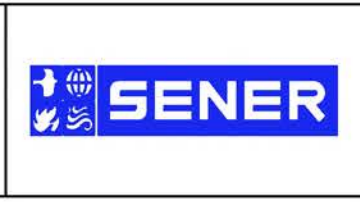


EAST AVENUE S
 STA 104+00 TO STA 109+12
 MAJOR ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN

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



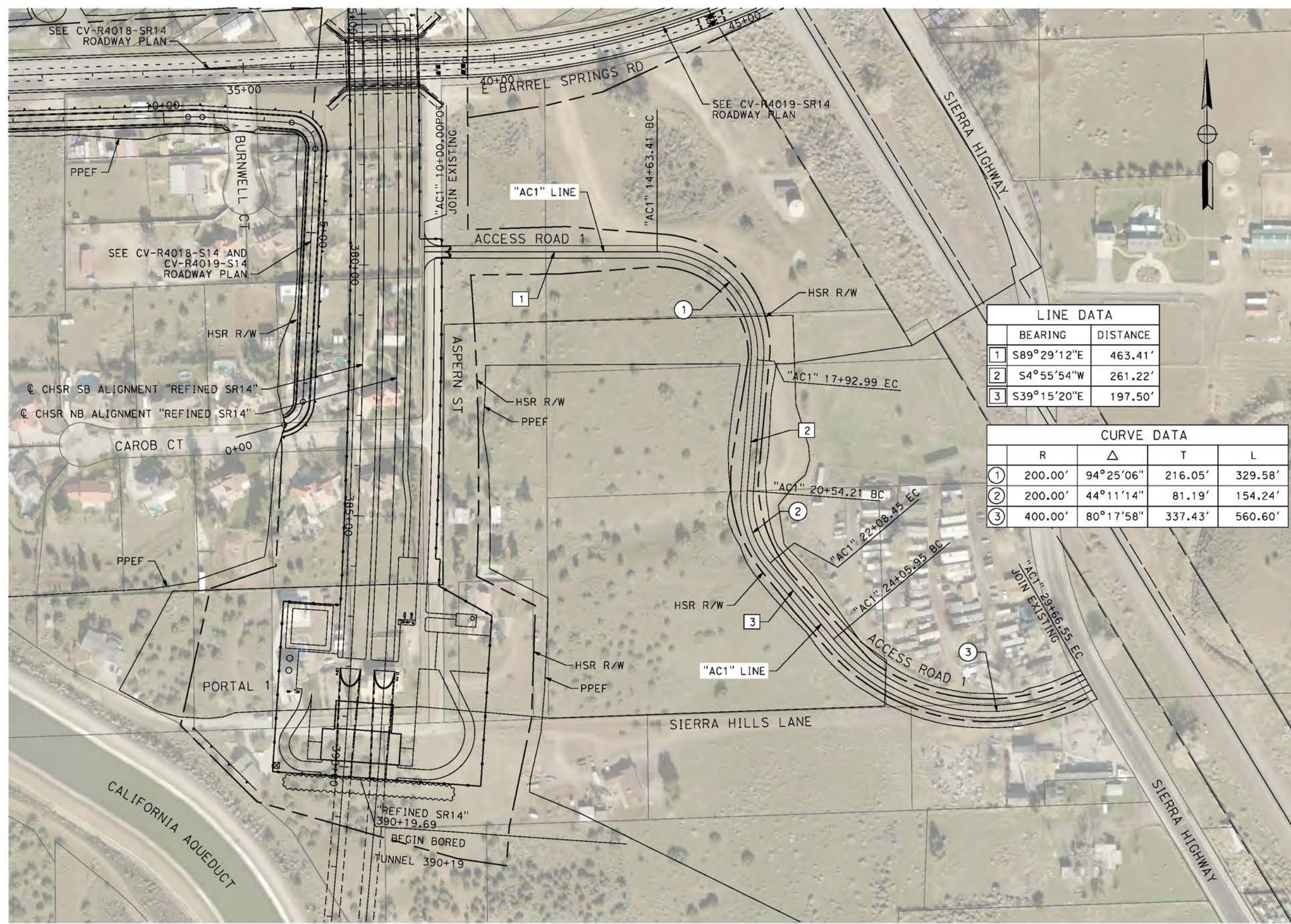
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 TYPICAL SECTIONS
 EAST AVENUE S
 SHEET 2 OF 2

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-T3002-S14
 SCALE
 NO SCALE
 SHEET NO.

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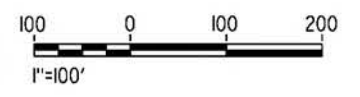
5/21/2021 12:30:19 AM

cordo



LINE DATA	
BEARING	DISTANCE
1 S89°29'12"E	463.41'
2 S4°55'54"W	261.22'
3 S39°15'20"E	197.50'

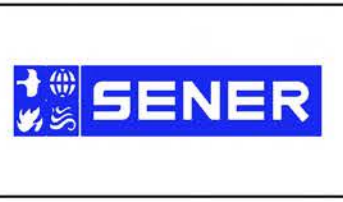
CURVE DATA				
	R	Δ	T	L
①	200.00'	94°25'06"	216.05'	329.58'
②	200.00'	44°11'14"	81.19'	154.24'
③	400.00'	80°17'58"	337.43'	560.60'



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



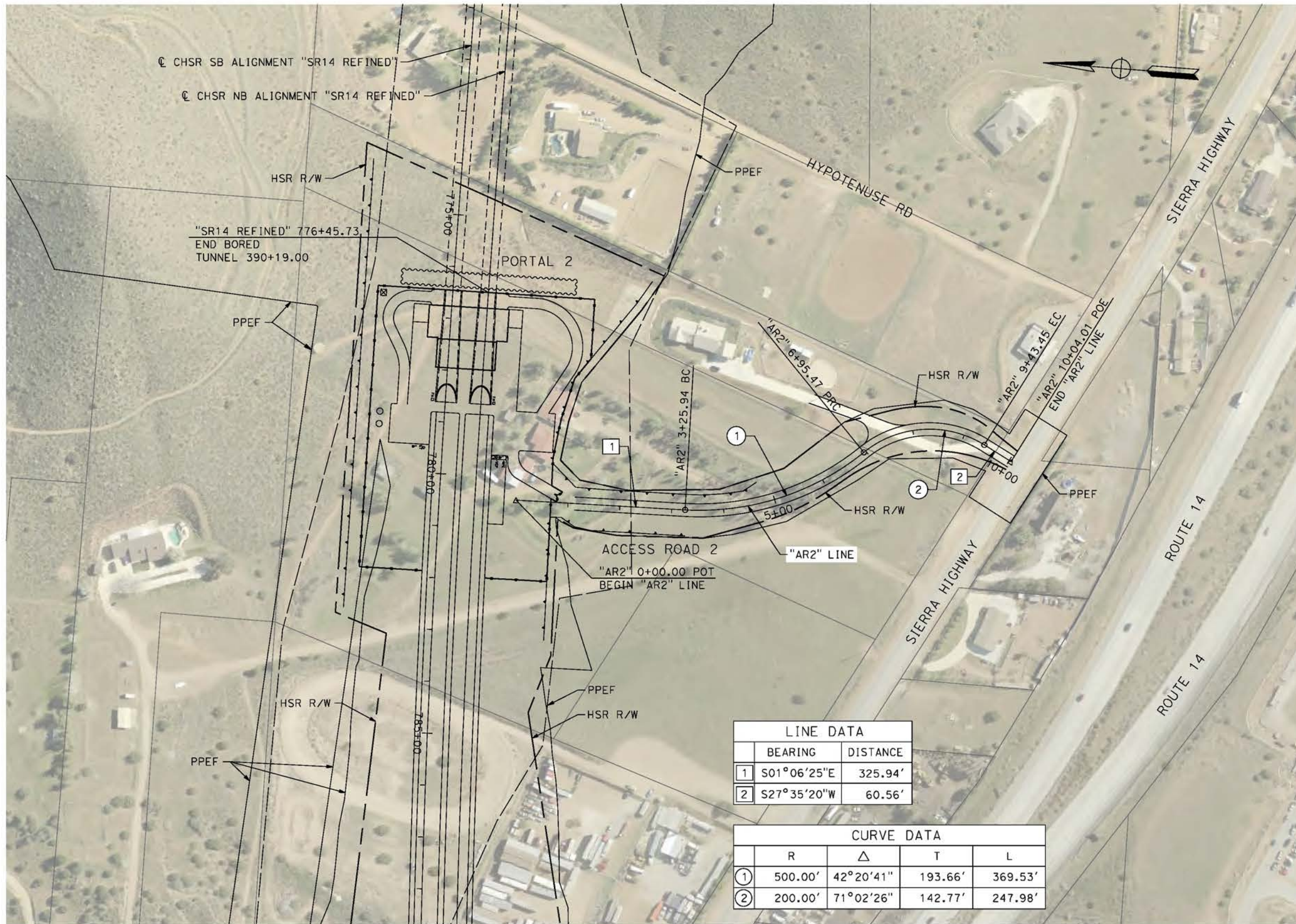
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 1

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4001-S14
SCALE
AS SHOWN
SHEET NO.

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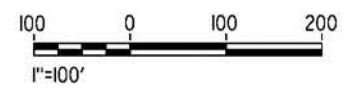
5/21/2021 12:34:04 AM

cordo



LINE DATA	
BEARING	DISTANCE
1 S01°06'25"E	325.94'
2 S27°35'20"W	60.56'

CURVE DATA				
	R	Δ	T	L
1	500.00'	42°20'41"	193.66'	369.53'
2	200.00'	71°02'26"	142.77'	247.98'



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**



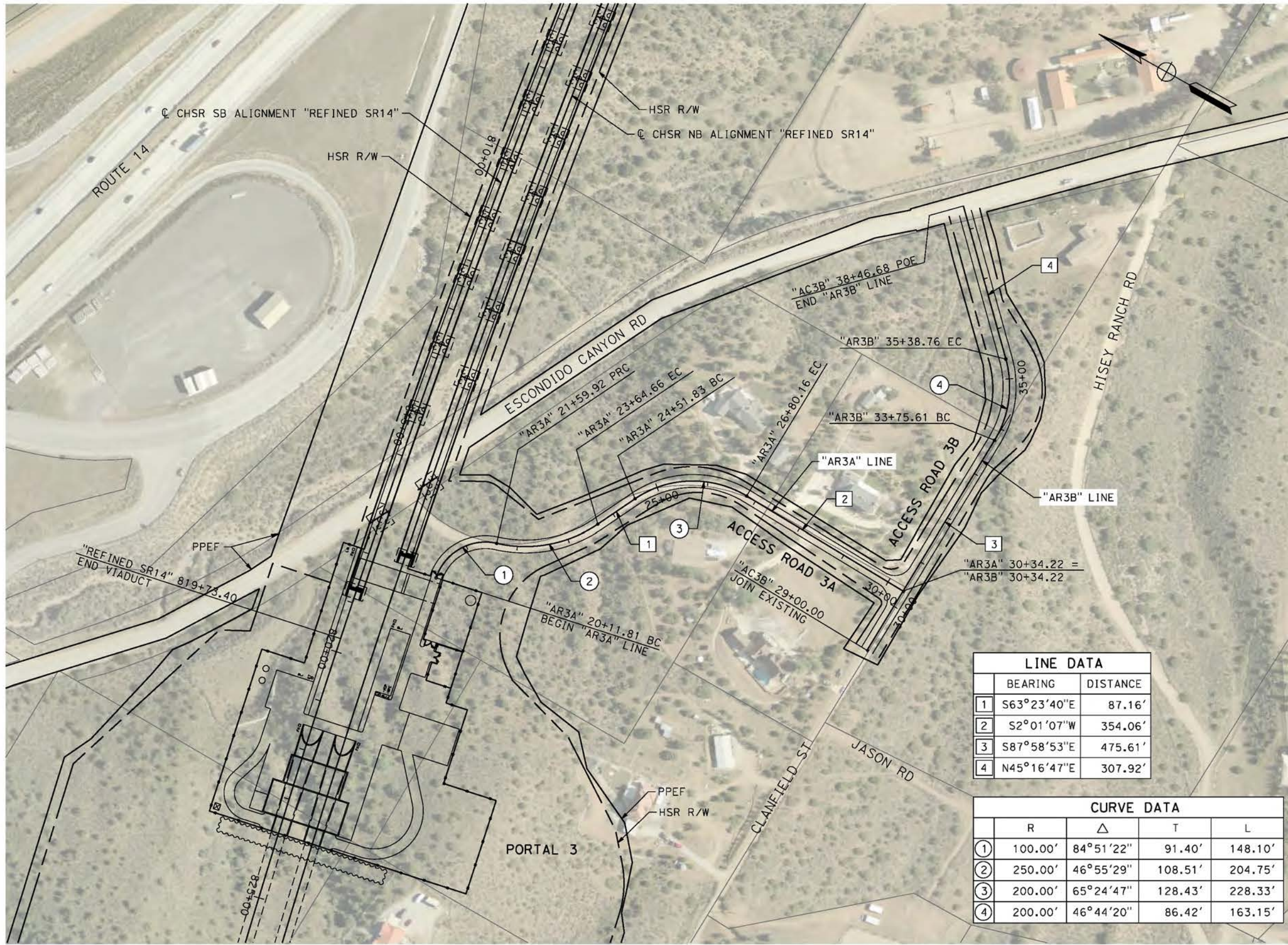
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4003-S14
SCALE
AS SHOWN
SHEET NO.

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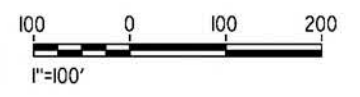
5/2/2021 10:11:44 PM

cordo



LINE DATA	
BEARING	DISTANCE
1	S63°23'40"E 87.16'
2	S2°01'07"W 354.06'
3	S87°58'53"E 475.61'
4	N45°16'47"E 307.92'

CURVE DATA				
	R	Δ	T	L
①	100.00'	84°51'22"	91.40'	148.10'
②	250.00'	46°55'29"	108.51'	204.75'
③	200.00'	65°24'47"	128.43'	228.33'
④	200.00'	46°44'20"	86.42'	163.15'



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



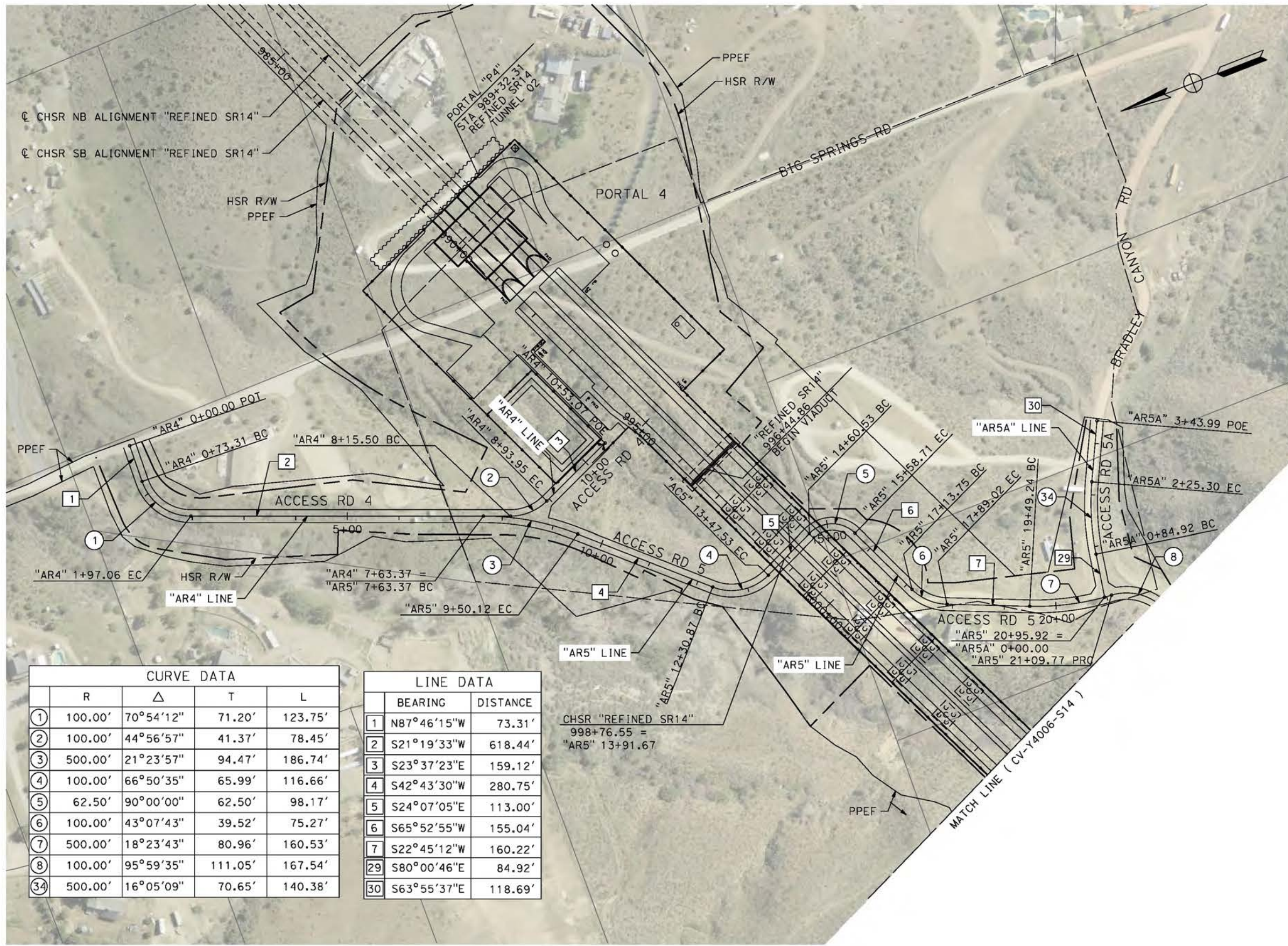
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 3A & 3B

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4004-S14
SCALE
AS SHOWN
SHEET NO.

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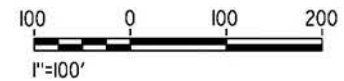
cordo



CURVE DATA				
	R	Δ	T	L
①	100.00'	70°54'12"	71.20'	123.75'
②	100.00'	44°56'57"	41.37'	78.45'
③	500.00'	21°23'57"	94.47'	186.74'
④	100.00'	66°50'35"	65.99'	116.66'
⑤	62.50'	90°00'00"	62.50'	98.17'
⑥	100.00'	43°07'43"	39.52'	75.27'
⑦	500.00'	18°23'43"	80.96'	160.53'
⑧	100.00'	95°59'35"	111.05'	167.54'
③④	500.00'	16°05'09"	70.65'	140.38'

LINE DATA		
	BEARING	DISTANCE
1	N87°46'15"W	73.31'
2	S21°19'33"W	618.44'
3	S23°37'23"E	159.12'
4	S42°43'30"W	280.75'
5	S24°07'05"E	113.00'
6	S65°52'55"W	155.04'
7	S22°45'12"W	160.22'
29	S80°00'46"E	84.92'
30	S63°55'37"E	118.69'

CHSR "REFINED SR14"
998+76.55 =
"AR5" 13+91.67



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 "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 4, 5A & 5
SHEET 1 OF 4

CONTRACT NO. HSR14-42
DRAWING NO. CV-Y4005-S14
SCALE AS SHOWN
SHEET NO.

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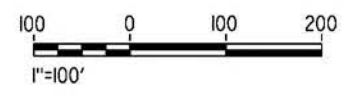
5/27/2021 8:02:35 AM

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LINE DATA		
	BEARING	DISTANCE
8	N79°38'56"W	203.01'
9	S3°10'34"E	87.49'
10	N80°26'12"W	123.68'
11	S73°16'13"W	98.51'
12	S20°30'40"W	56.83'
13	N69°19'15"W	83.24'
14	S26°29'13"W	72.22'
15	S74°51'34"W	289.01'

CURVE DATA				
	R	Δ	T	L
8	100.00'	95°59'35"	111.05'	167.54'
9	100.00'	103°31'38"	126.91'	180.69'
10	100.00'	102°44'21"	125.13'	179.31'
11	200.00'	26°17'35"	46.71'	91.78'
12	200.00'	52°45'33"	99.19'	184.16'
13	150.00'	90°10'06"	150.44'	236.06'
14	100.00'	84°11'32"	90.34'	146.94'
15	100.00'	36°32'31"	33.02'	63.78'
16	300.00'	47°55'33"	133.34'	250.94'
17	300.00'	16°02'17"	42.26'	83.98'
18	500.00'	14°42'42"	64.55'	128.38'
19	200.00'	26°44'01"	47.52'	93.32'
20	200.00'	21°23'18"	37.77'	74.66'



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



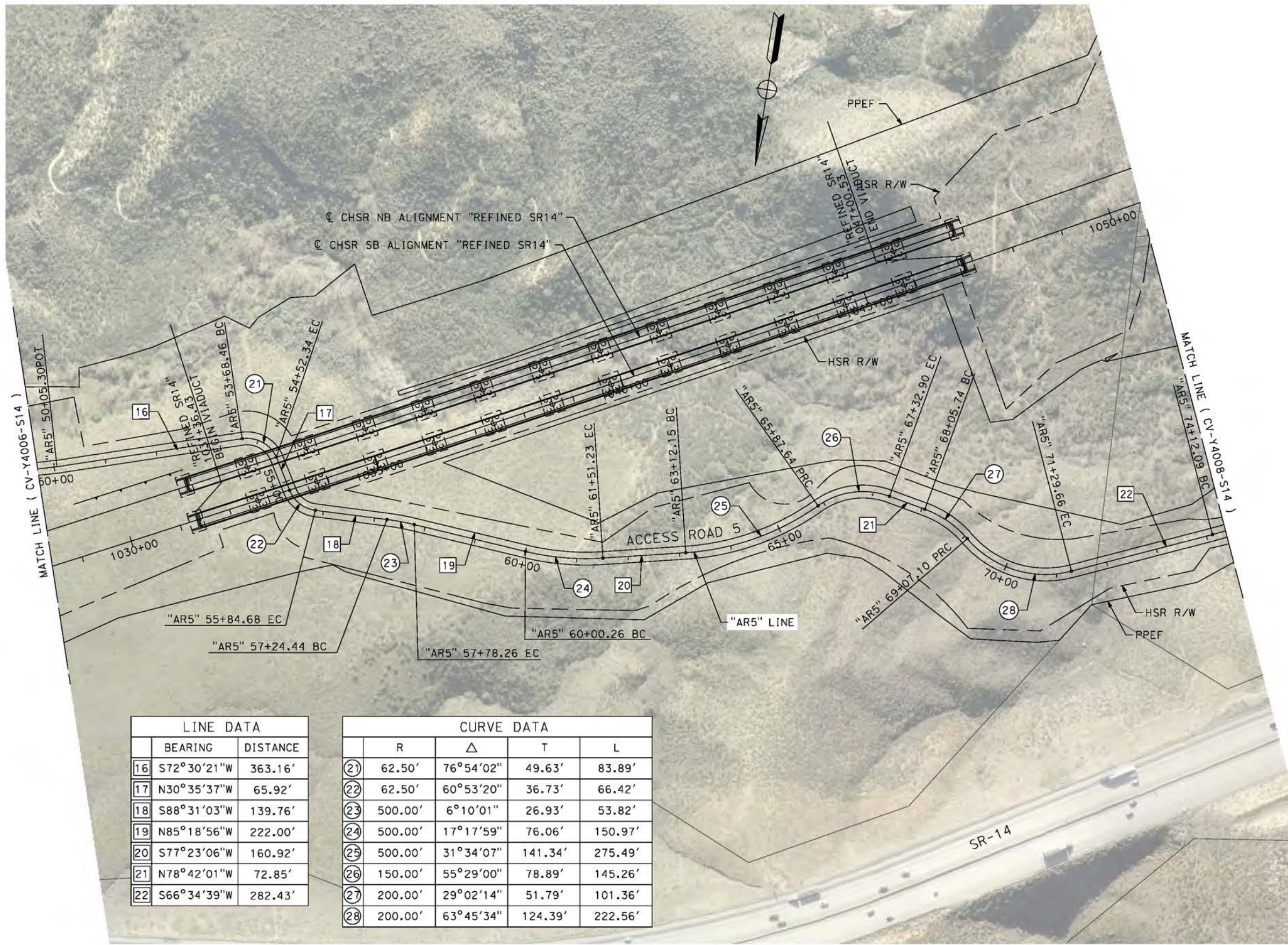
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 5
SHEET 2 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4006-S14
SCALE
AS SHOWN
SHEET NO.

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LINE DATA		
	BEARING	DISTANCE
16	S72°30'21"W	363.16'
17	N30°35'37"W	65.92'
18	S88°31'03"W	139.76'
19	N85°18'56"W	222.00'
20	S77°23'06"W	160.92'
21	N78°42'01"W	72.85'
22	S66°34'39"W	282.43'

CURVE DATA				
	R	Δ	T	L
21	62.50'	76°54'02"	49.63'	83.89'
22	62.50'	60°53'20"	36.73'	66.42'
23	500.00'	6°10'01"	26.93'	53.82'
24	500.00'	17°17'59"	76.06'	150.97'
25	500.00'	31°34'07"	141.34'	275.49'
26	150.00'	55°29'00"	78.89'	145.26'
27	200.00'	29°02'14"	51.79'	101.36'
28	200.00'	63°45'34"	124.39'	222.56'



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



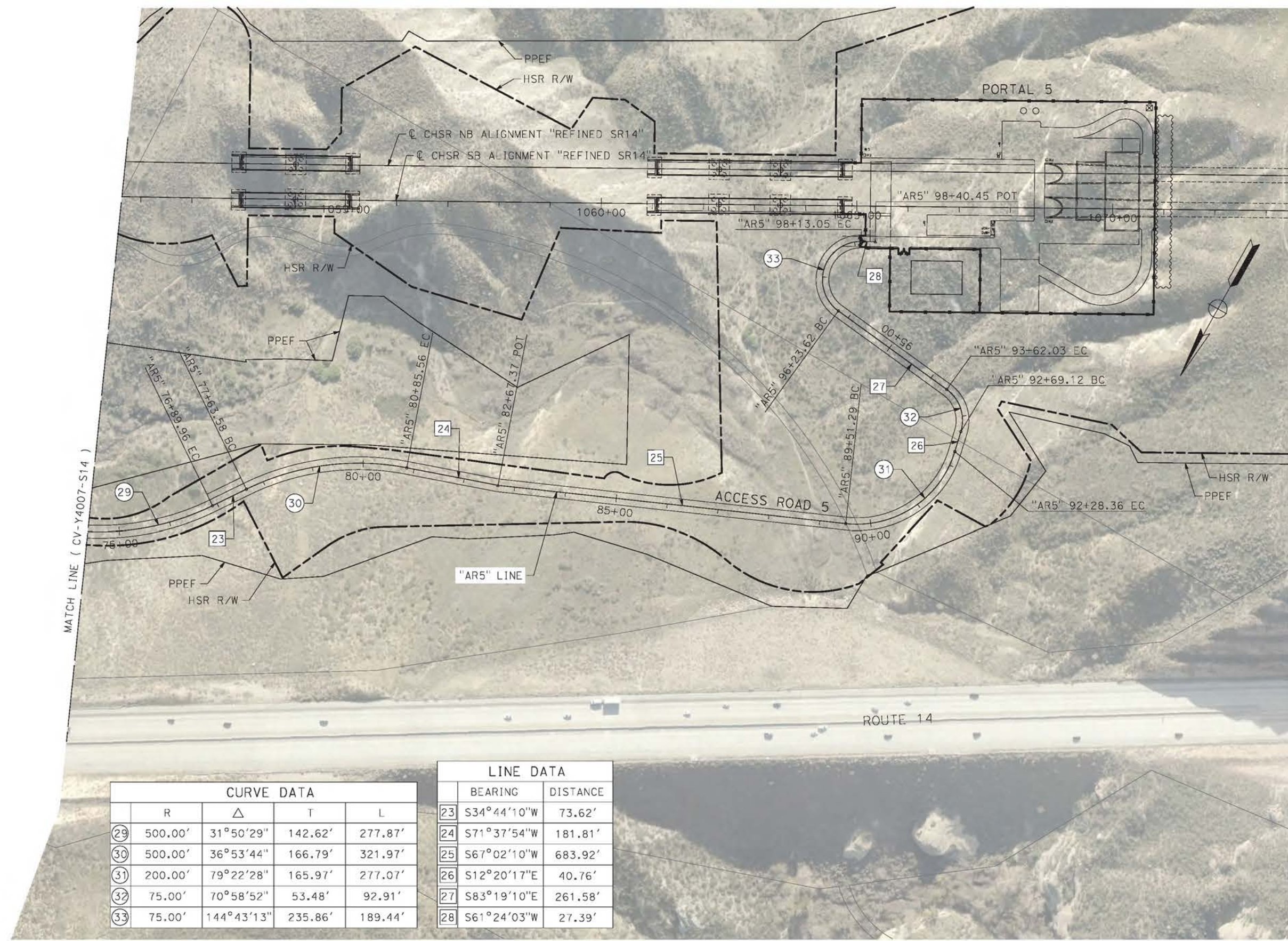
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 5
SHEET 3 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4007-S14
SCALE
AS SHOWN
SHEET NO.

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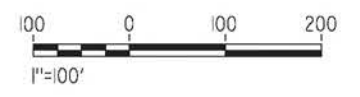
4/23/2021 8:54:21 PM

corco



CURVE DATA				
	R	Δ	T	L
29	500.00'	31°50'29"	142.62'	277.87'
30	500.00'	36°53'44"	166.79'	321.97'
31	200.00'	79°22'28"	165.97'	277.07'
32	75.00'	70°58'52"	53.48'	92.91'
33	75.00'	144°43'13"	235.86'	189.44'

LINE DATA		
	BEARING	DISTANCE
23	S34°44'10"W	73.62'
24	S71°37'54"W	181.81'
25	S67°02'10"W	683.92'
26	S12°20'17"E	40.76'
27	S83°19'10"E	261.58'
28	S61°24'03"W	27.39'

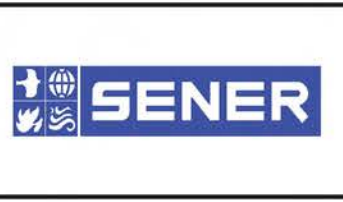


REV	DATE	BY	CHK	APP	DESCRIPTION

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 "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 5
SHEET 4 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4008-S14
SCALE
AS SHOWN
SHEET NO.

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corcdo



LINE DATA		
	BEARING	DISTANCE
1	N75°41'46"E	186.08'
2	S76°11'52"E	72.69'
3	N67°03'18"E	17.17'
4	S54°55'25"E	47.62'
5	N36°14'12"E	99.08'
6	N84°34'21"E	81.94'
7	S63°25'14"E	85.20'
19	N27°24'26"W	187.01'
20	N14°35'07"E	79.76'
21	N21°41'04"W	24.75'
22	N8°39'07"E	151.24'
23	N33°51'03"W	93.96'
24	S40°09'22"W	24.97'
25	S54°03'19"W	59.33'
26	N82°47'35"W	23.85'

CURVE DATA				
	R	Δ	T	L
1	200.00'	28°06'22"	50.06'	98.11'
2	200.00'	36°44'50"	66.43'	128.27'
3	200.00'	58°01'17"	110.91'	202.53'
4	200.00'	88°50'23"	195.99'	310.11'
5	200.00'	48°20'09"	89.75'	168.72'
6	200.00'	32°00'25"	57.36'	111.73'
7	200.00'	50°49'16"	95.01'	177.40'
8	200.00'	44°25'10"	81.66'	155.05'
9	200.00'	47°54'42"	88.86'	167.24'
10	200.00'	39°29'31"	71.79'	137.85'
24	200.00'	41°59'32"	76.76'	146.58'
25	200.00'	36°16'10"	65.50'	126.60'
26	200.00'	30°20'11"	54.22'	105.89'
27	60.00'	42°30'11"	23.33'	44.51'
28	60.00'	105°59'35"	79.61'	111.00'
29	60.00'	13°53'57"	7.31'	14.56'
30	100.00'	43°09'07"	39.54'	75.31'



REV	DATE	BY	CHK	APP	DESCRIPTION

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 "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 6A & 6B
SHHET 1 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4009-S14
SCALE
AS SHOWN
SHEET NO.

c:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalifo.cordoba\dms24258\VPB-CV-Y4010-S14.dgn

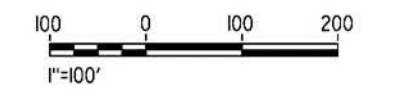
5/21/2021 12:48:18 AM

cordo



LINE DATA		
	BEARING	DISTANCE
8	N80°09'24"E	152.86'
9	N25°52'58"E	197.31'
10	S64°05'52"E	170.62'
11	N47°26'53"E	263.26'

CURVE DATA				
	R	Δ	T	L
10	200.00'	39°29'31"	71.79'	137.85'
11	200.00'	95°39'08"	220.77'	333.89'
12	200.00'	74°03'02"	150.05'	258.49'
13	150.00'	54°16'25"	76.88'	142.09'
14	150.00'	90°01'09"	150.05'	235.67'
15	150.00'	68°27'15"	102.04'	179.21'
16	200.00'	24°23'13"	43.22'	85.13'
17	200.00'	55°21'38"	104.91'	193.24'



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



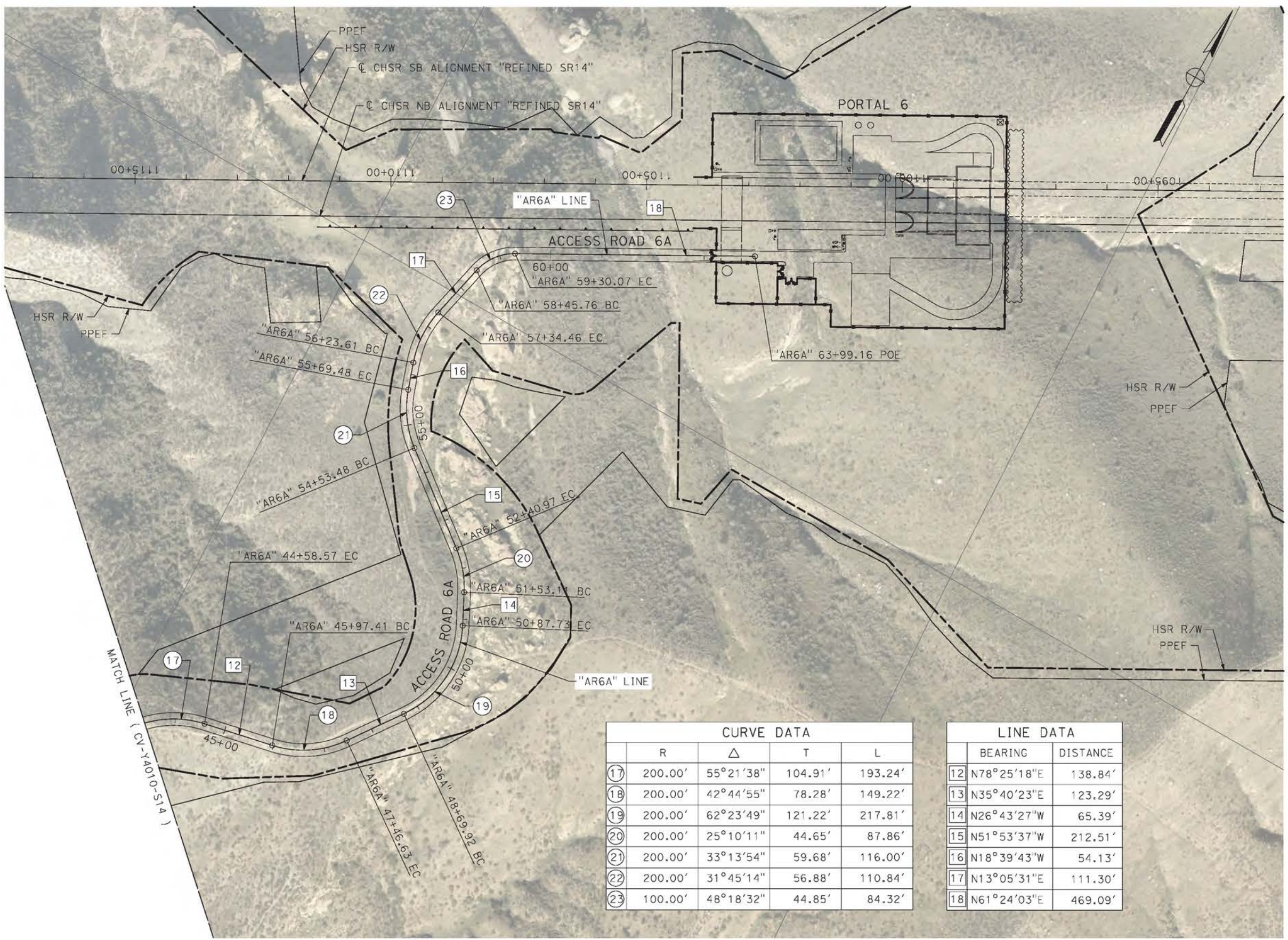
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 6A
SHEET 2 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4010-S14
SCALE
AS SHOWN
SHEET NO.

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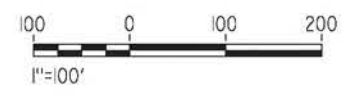
4/23/2021 9:23:12 PM

corco



CURVE DATA				
	R	Δ	T	L
17	200.00'	55°21'38"	104.91'	193.24'
18	200.00'	42°44'55"	78.28'	149.22'
19	200.00'	62°23'49"	121.22'	217.81'
20	200.00'	25°10'11"	44.65'	87.86'
21	200.00'	33°13'54"	59.68'	116.00'
22	200.00'	31°45'14"	56.88'	110.84'
23	100.00'	48°18'32"	44.85'	84.32'

LINE DATA	
BEARING	DISTANCE
12	N78°25'18"E 138.84'
13	N35°40'23"E 123.29'
14	N26°43'27"W 65.39'
15	N51°53'37"W 212.51'
16	N18°39'43"W 54.13'
17	N13°05'31"E 111.30'
18	N61°24'03"E 469.09'



REV	DATE	BY	CHK	APP	DESCRIPTION

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**



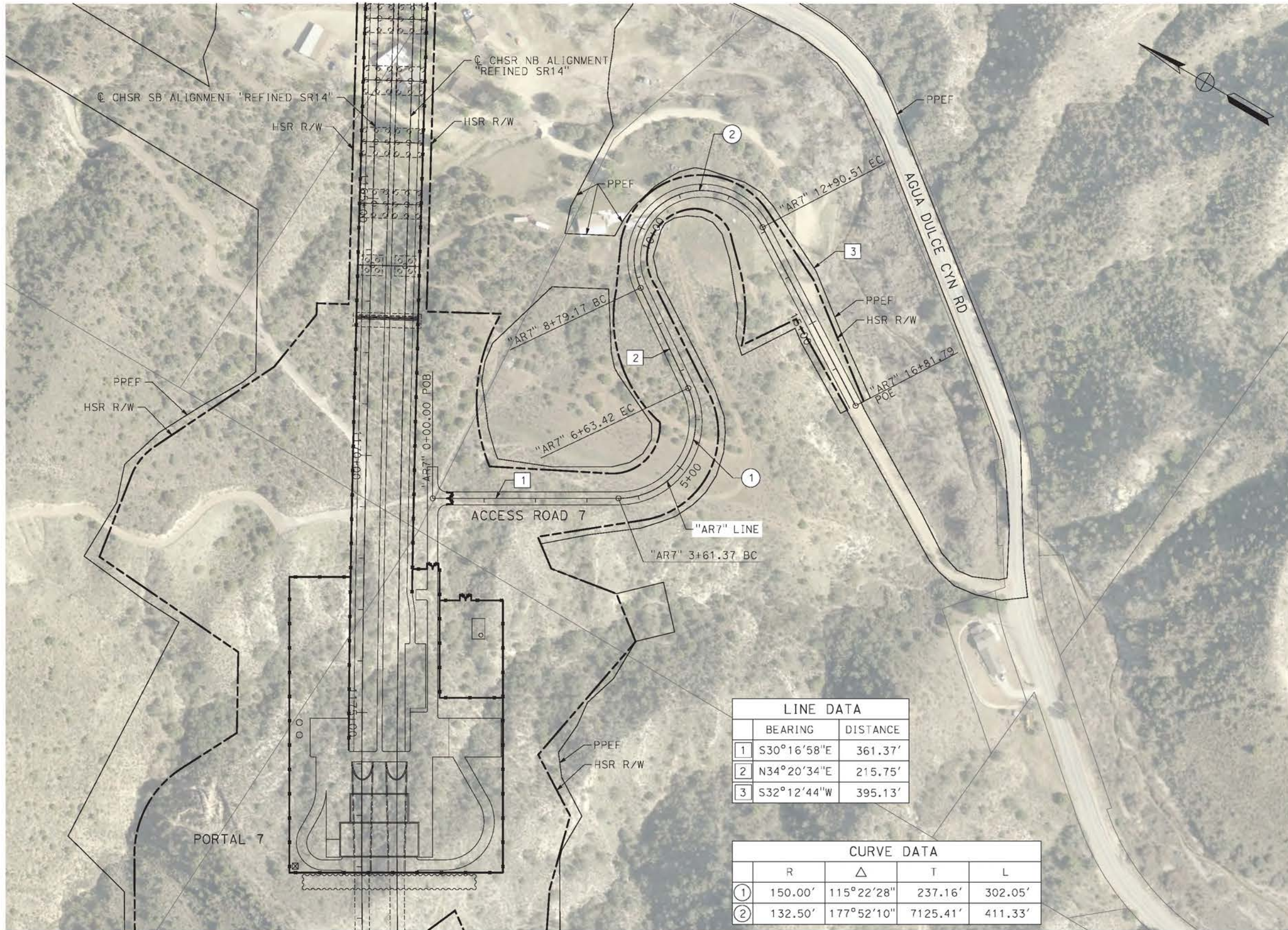
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 6A
SHEET 3 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4011-S14
SCALE
AS SHOWN
SHEET NO.

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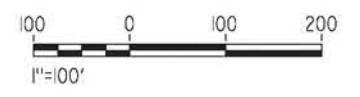
4/23/2021 9:35:11 PM

corco



LINE DATA		
	BEARING	DISTANCE
1	S30°16'58"E	361.37'
2	N34°20'34"E	215.75'
3	S32°12'44"W	395.13'

CURVE DATA				
	R	Δ	T	L
①	150.00'	115°22'28"	237.16'	302.05'
②	132.50'	177°52'10"	7125.41'	411.33'



REV	DATE	BY	CHK	APP	DESCRIPTION

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



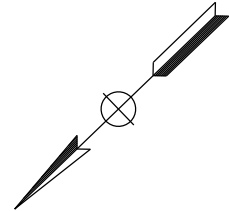
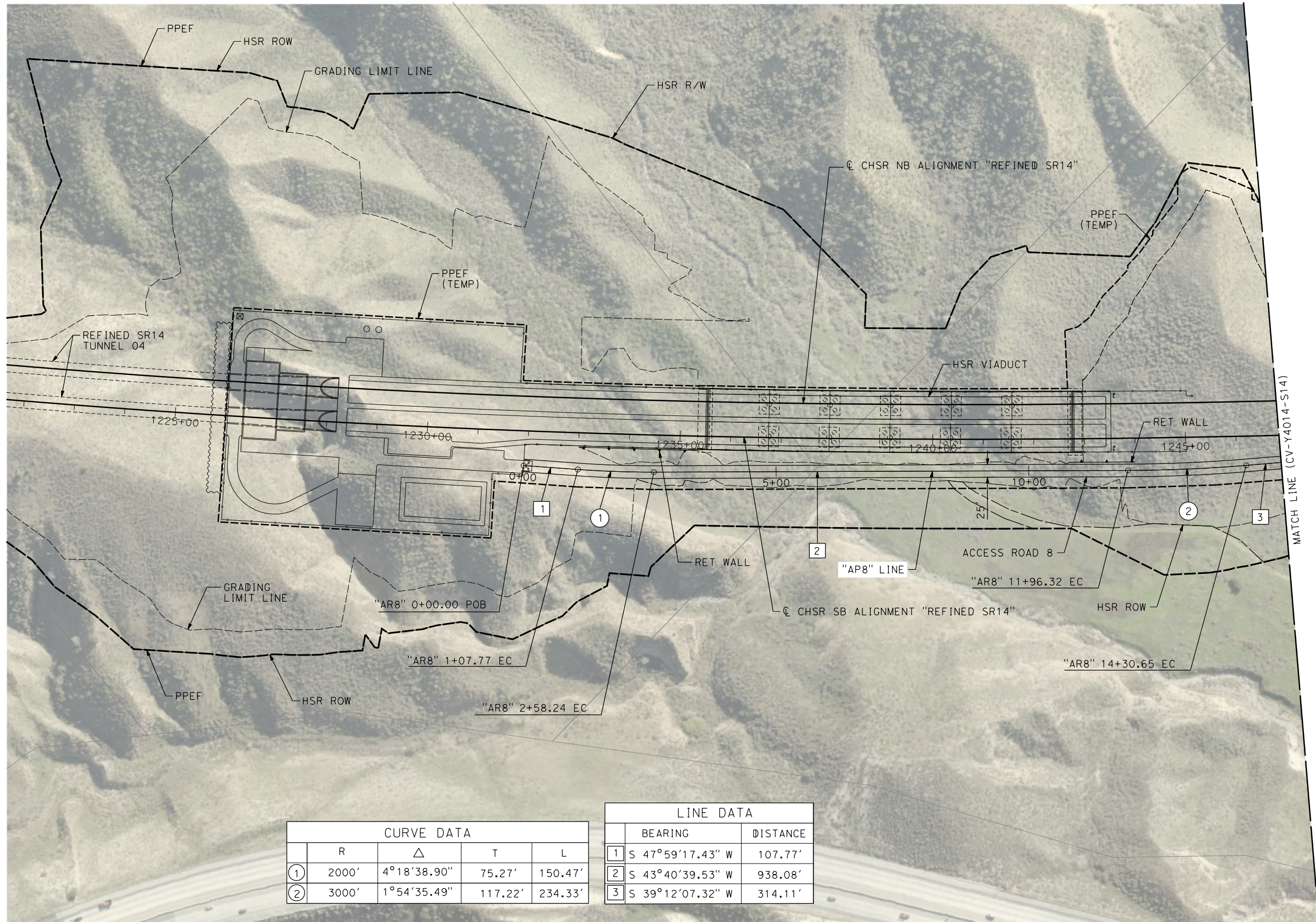
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 7

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4012-S14
SCALE
AS SHOWN
SHEET NO.

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1/10/2024 12:44:25 PM

04Z0008



CURVE DATA				
	R	Δ	T	L
①	2000'	4°18'38.90"	75.27'	150.47'
②	3000'	1°54'35.49"	117.22'	234.33'

LINE DATA		
	BEARING	DISTANCE
1	S 47°59'17.43" W	107.77'
2	S 43°40'39.53" W	938.08'
3	S 39°12'07.32" W	314.11'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
D. CORDOBA
CHECKED BY
I. LAQUIDAIN
IN CHARGE
A. RELAÑO
DATE
12/30/2023

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



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

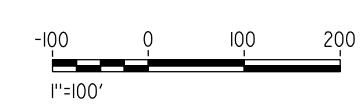
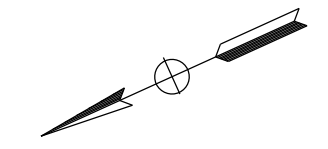
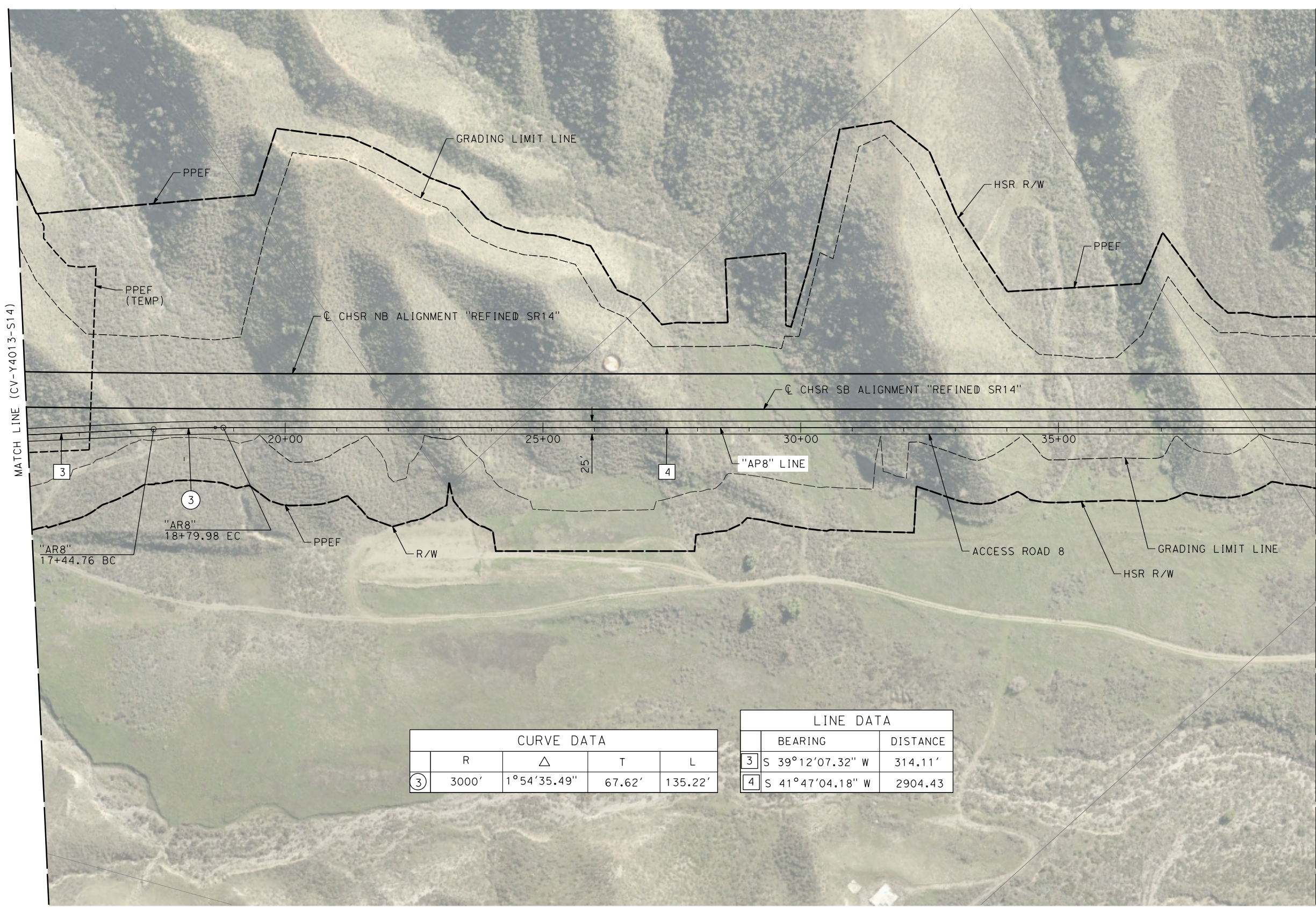
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 8
SHEET 1 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4013-S14
SCALE
AS SHOWN
SHEET NO.

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04Z0008



CURVE DATA				
	R	Δ	T	L
③	3000'	1°54'35.49"	67.62'	135.22'

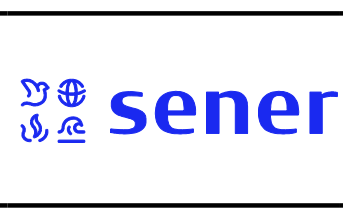
LINE DATA		
	BEARING	DISTANCE
③	S 39°12'07.32" W	314.11'
④	S 41°47'04.18" W	2904.43

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D.CORDOBA
DRAWN BY
D.CORDOBA
CHECKED BY
I.LAQUIDAIN
IN CHARGE
A.RELANO
DATE
12/30/2023

**PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A**

**NOT FOR
CONSTRUCTION**



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

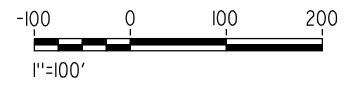
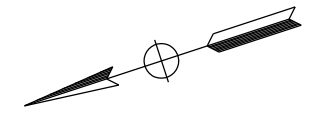
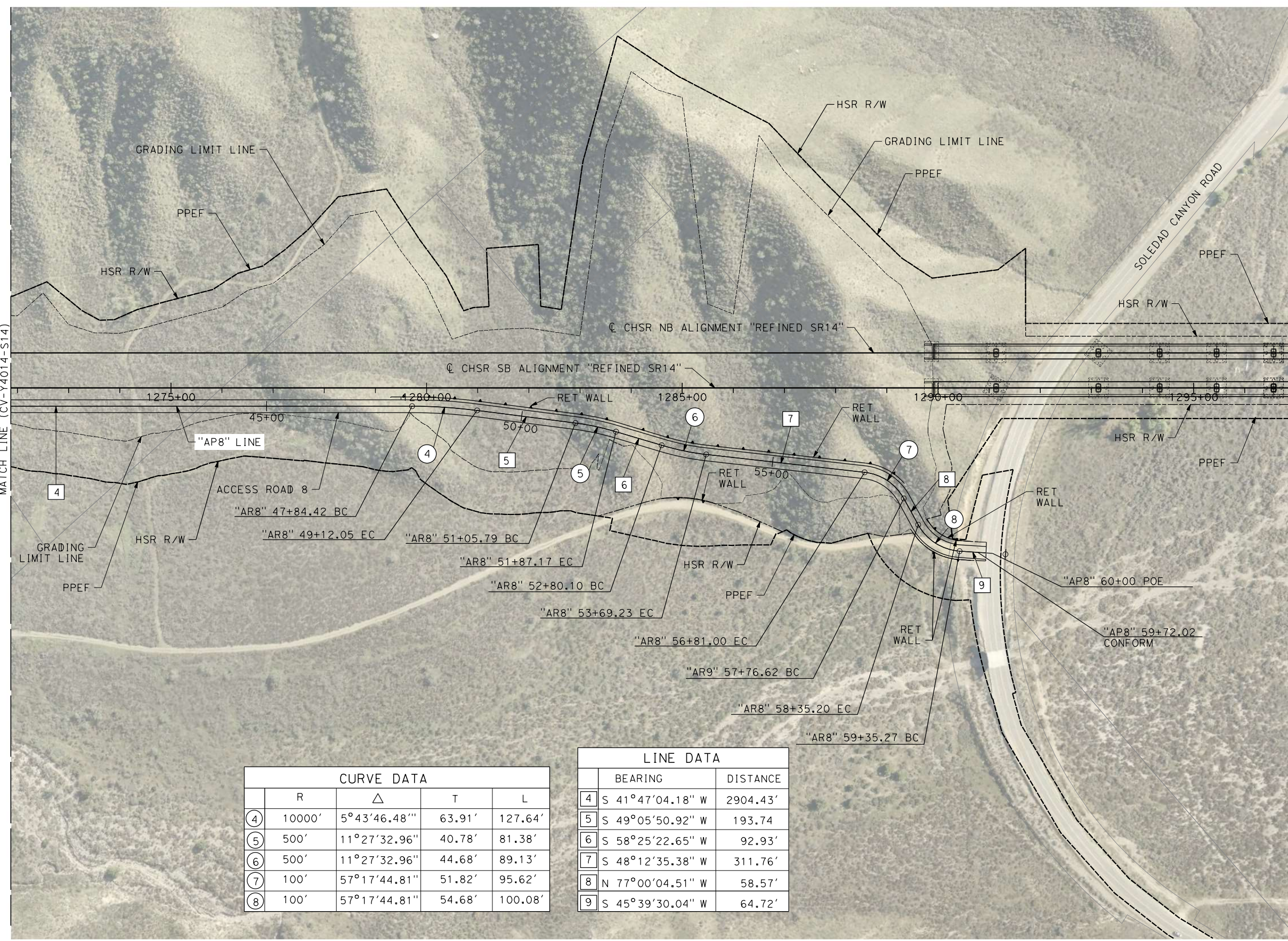
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 8
SHEET 2 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4014-S14
SCALE
AS SHOWN
SHEET NO.

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1/23/2024 3:47:33 PM

0400091



CURVE DATA				
	R	Δ	T	L
④	10000'	5°43'46.48"	63.91'	127.64'
⑤	500'	11°27'32.96"	40.78'	81.38'
⑥	500'	11°27'32.96"	44.68'	89.13'
⑦	100'	57°17'44.81"	51.82'	95.62'
⑧	100'	57°17'44.81"	54.68'	100.08'

LINE DATA		
	BEARING	DISTANCE
④	S 41°47'04.18" W	2904.43'
⑤	S 49°05'50.92" W	193.74
⑥	S 58°25'22.65" W	92.93'
⑦	S 48°12'35.38" W	311.76'
⑧	N 77°00'04.51" W	58.57'
⑨	S 45°39'30.04" W	64.72'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D.CORDOBA
DRAWN BY
D.CORDOBA
CHECKED BY
I.LAQUIDAIN
IN CHARGE
A.RELANO
DATE
12/30/2023

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAS 8
SHEET 3 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4015-S14
SCALE
AS SHOWN
SHEET NO.

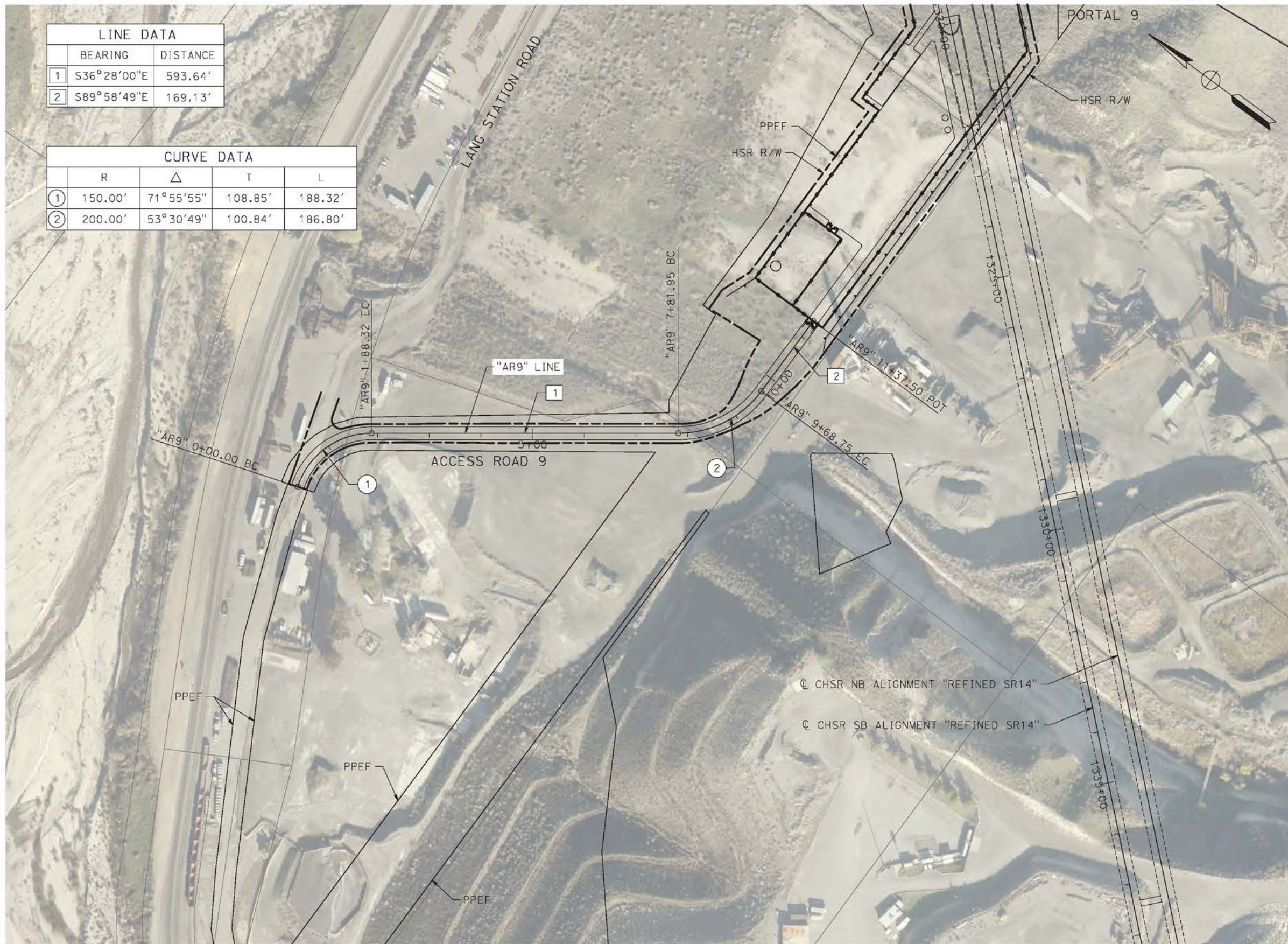
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4/23/2021 10:05:45 PM

corco

LINE DATA		
	BEARING	DISTANCE
1	S36°28'00"E	593.64'
2	S89°58'49"E	169.13'

CURVE DATA				
	R	Δ	T	L
①	150.00'	71°55'55"	108.85'	188.32'
②	200.00'	53°30'49"	100.84'	186.80'



REV	DATE	BY	CHK	APP	DESCRIPTION

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



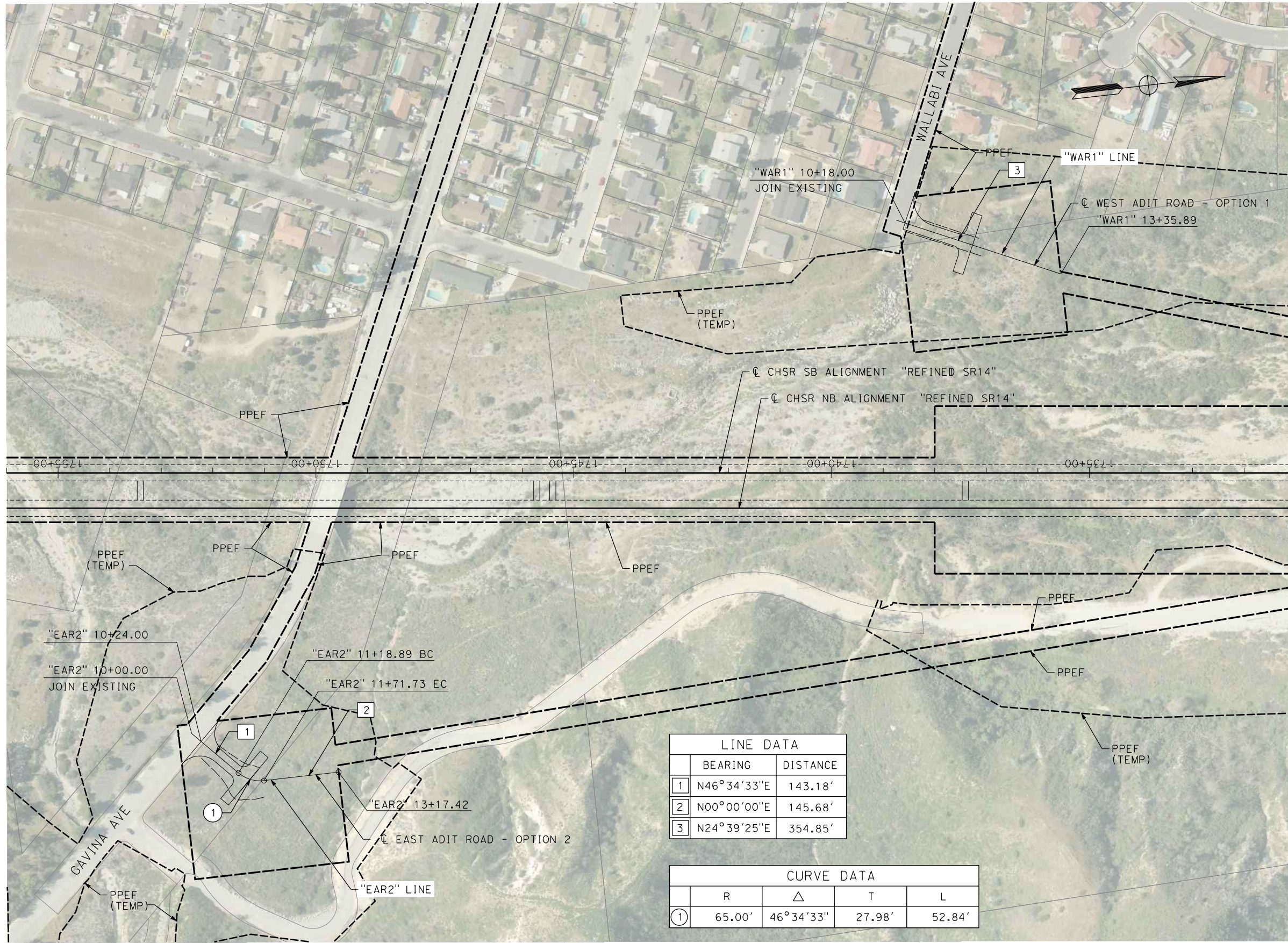
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
ACCESS ROAD 9

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4016-S14
SCALE
AS SHOWN
SHEET NO.

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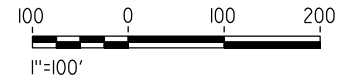
1/7/2024 8:40:52 PM

04Z0008



LINE DATA	
BEARING	DISTANCE
1 N46°34'33"E	143.18'
2 N00°00'00"E	145.68'
3 N24°39'25"E	354.85'

CURVE DATA				
	R	Δ	T	L
1	65.00'	46°34'33"	27.98'	52.84'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
I. LAQUIDAIN
IN CHARGE
A. RELAÑO
DATE
12/30/2023

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



**CALIFORNIA
HIGH-SPEED RAIL AUTHORITY**

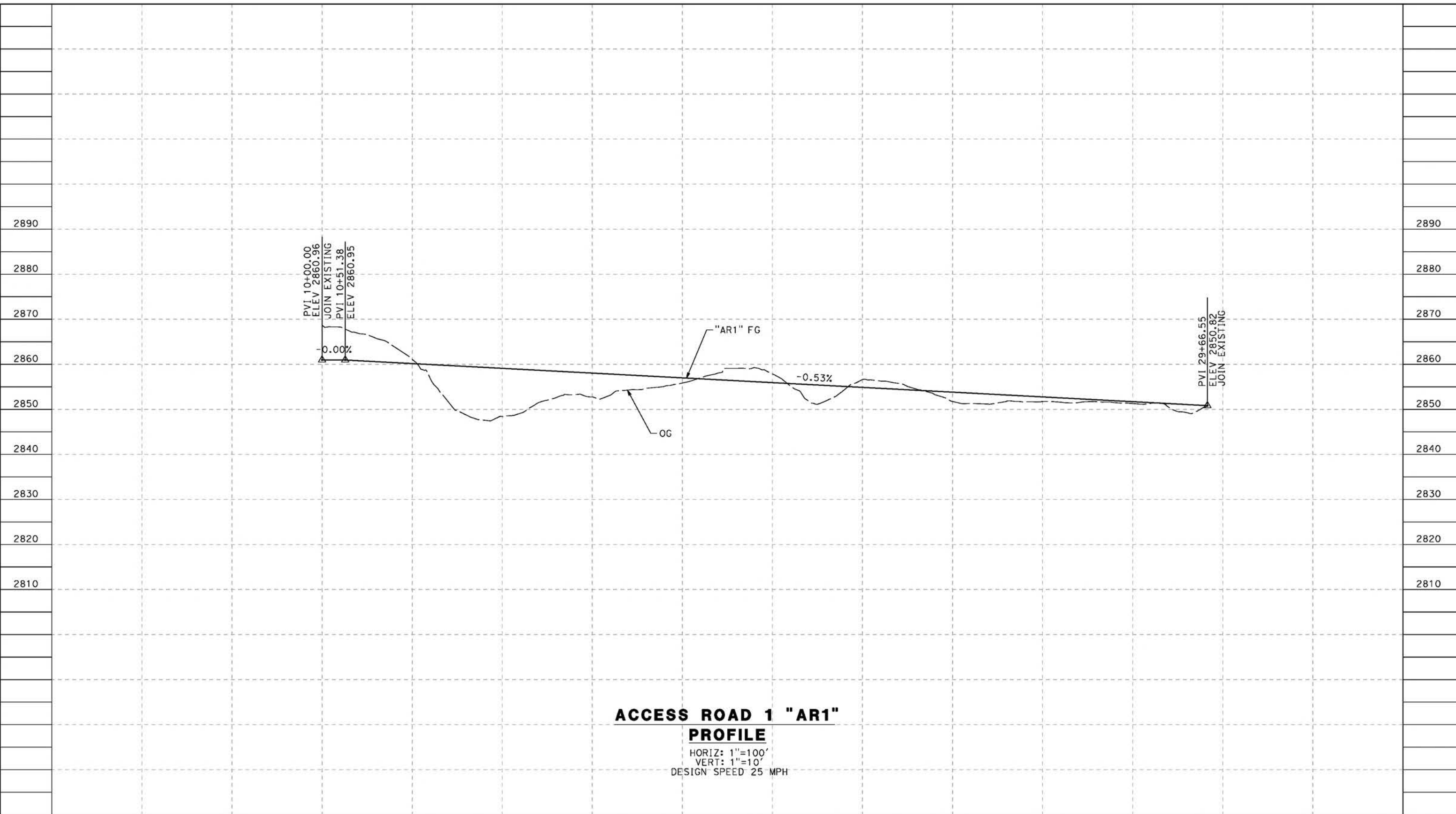
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ACCESS ROAD PLAN
WEST AND EAST ADIT ROAD OPTION 1 AND OPTION 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4017-S14
SCALE
AS SHOWN
SHEET NO.

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cordo



**ACCESS ROAD 1 "AR1"
PROFILE**

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

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 "REFINED SR14"
ACCESS ROAD PROFILE
ACCESS ROAD 1

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1001-S14
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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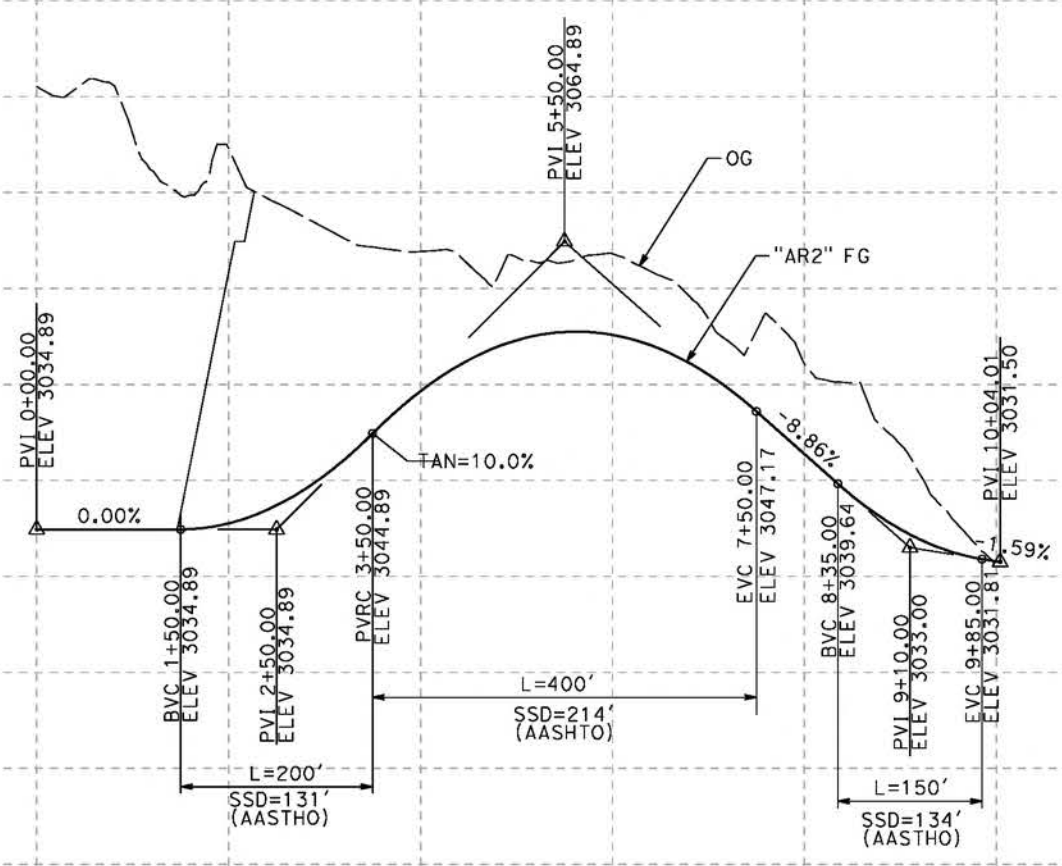
cordo

3100
3090
3080
3070
3060
3050
3040
3030
3020
3010

3100
3090
3080
3070
3060
3050
3040
3030
3020
3010

2630
2620
2610
2600
2590

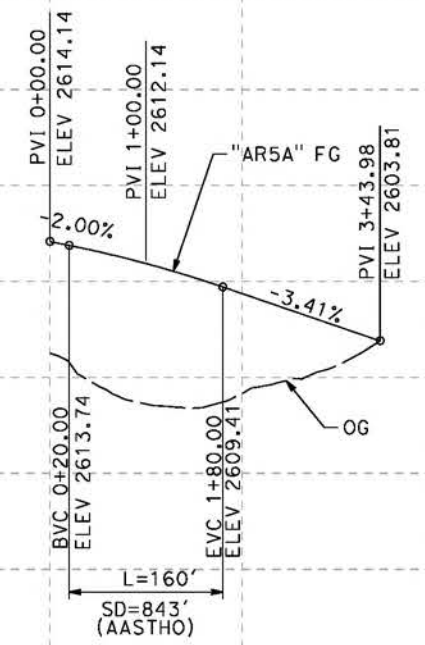
2630
2620
2610
2600
2590



ACCESS ROAD 2 "AR2"

PROFILE

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



ACCESS ROAD 5A "AR5A"

PROFILE

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

STATION	0+00	2+00	4+00	6+00	8+00	10+00	0+00	2+00	4+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**



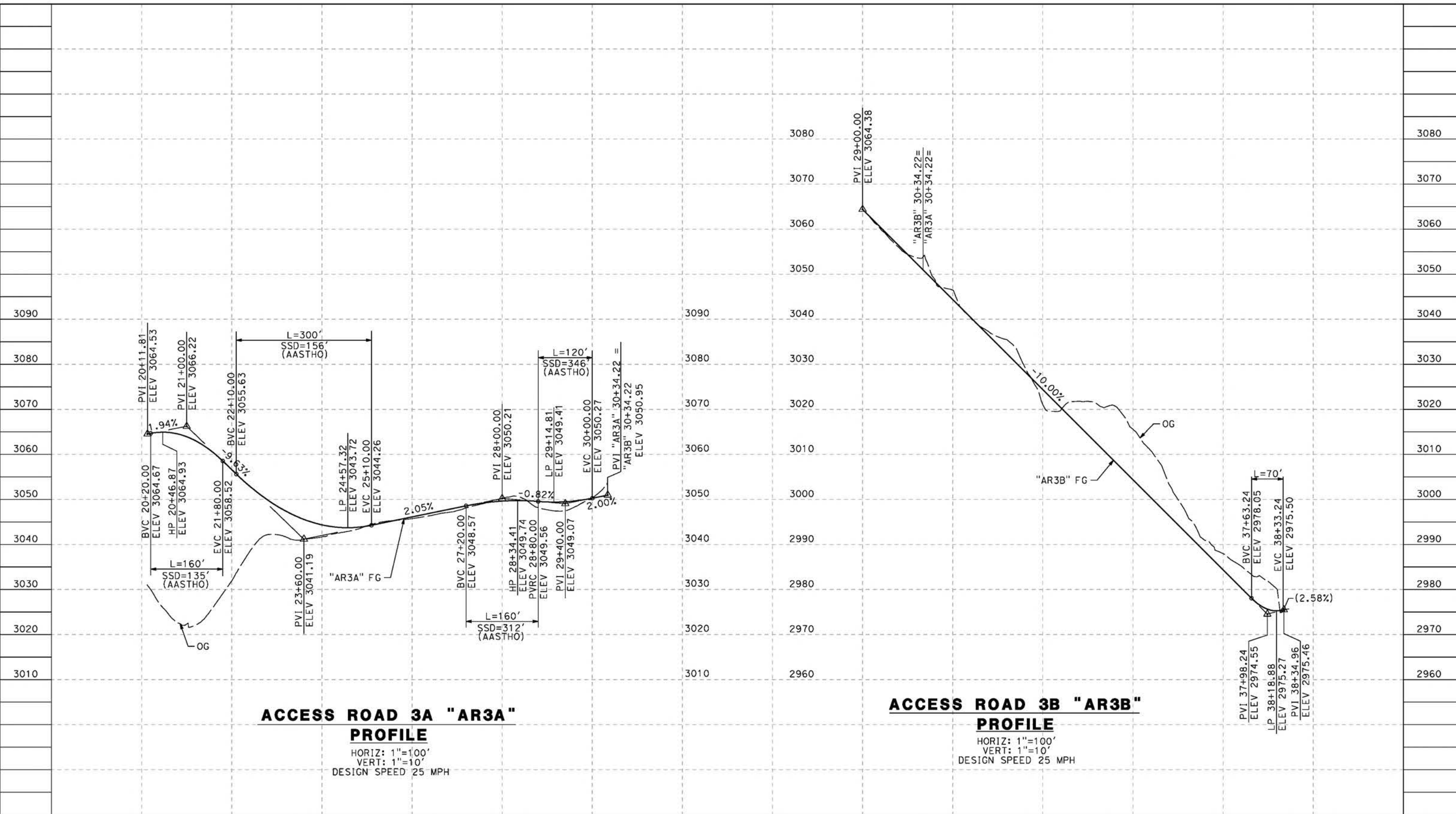
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ACCESS ROAD PROFILE
ACCESS ROAD 2 AND ACCESS ROAD 5A

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1002-S14
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

5/23/2021 8:33:53 PM c:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalfo.cordoba\dms24258VPB-CV-Y1003-S14.dgn

cordo



ACCESS ROAD 3A "AR3A" PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 25 MPH

ACCESS ROAD 3B "AR3B" PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 25 MPH

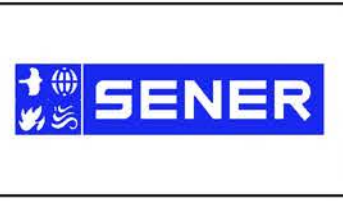
STATION	20+00	22+00	24+00	26+00	28+00	30+00	29+00	31+00	33+00	35+00	37+00	39+00	TOTAL
Exc													
Emb													

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**



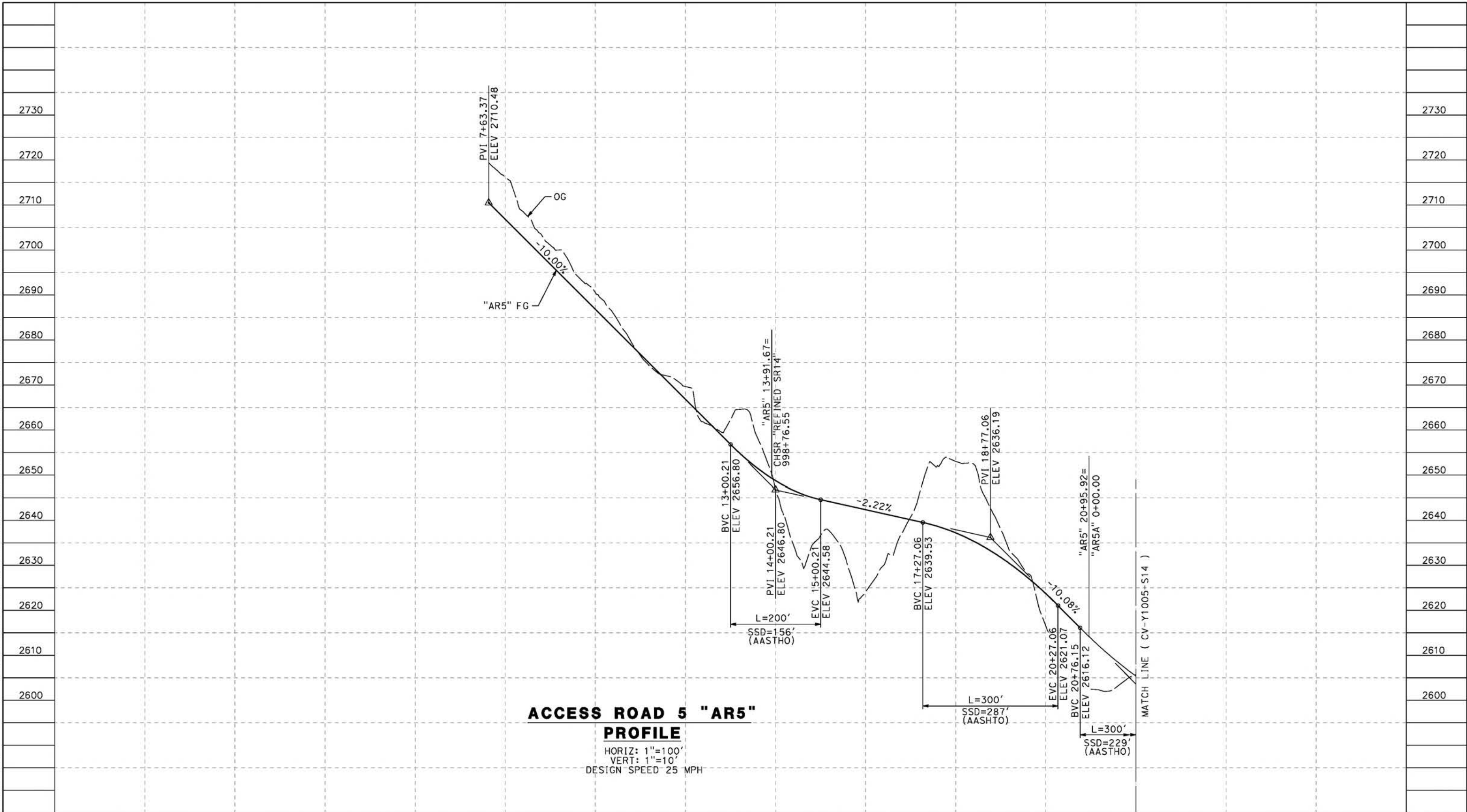
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "REFINED SR14"
 ACCESS ROAD PROFILE
 ACCESS ROAD 3A & 3B

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-Y1003-S14
 SCALE
AS SHOWN
 SHEET NO.

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5/23/2021 8:35:20 PM

cordo



**ACCESS ROAD 5 "AR5"
PROFILE**

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

STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	18+00	20+00	22+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**



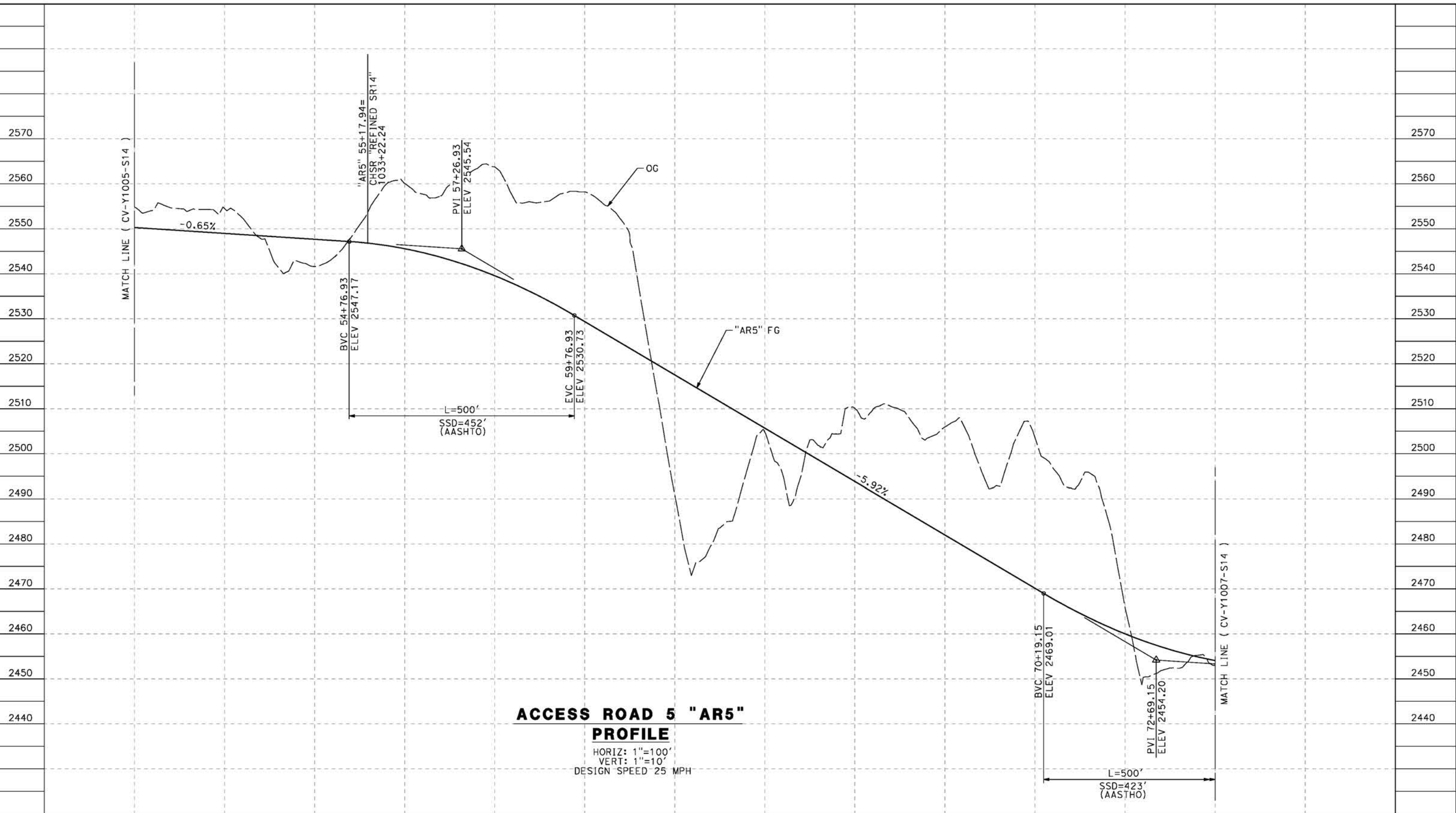
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ACCESS ROAD PROFILE
ACCESS ROAD 5
SHEET 1 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1004-S14
SCALE
AS SHOWN
SHEET NO.

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5/23/2021 8:38:38 PM

cordo



**ACCESS ROAD 5 "AR5"
PROFILE**
HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 25 MPH

STATION	50+00	52+00	54+00	56+00	58+00	60+00	62+00	64+00	66+00	68+00	70+00	72+00	74+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**



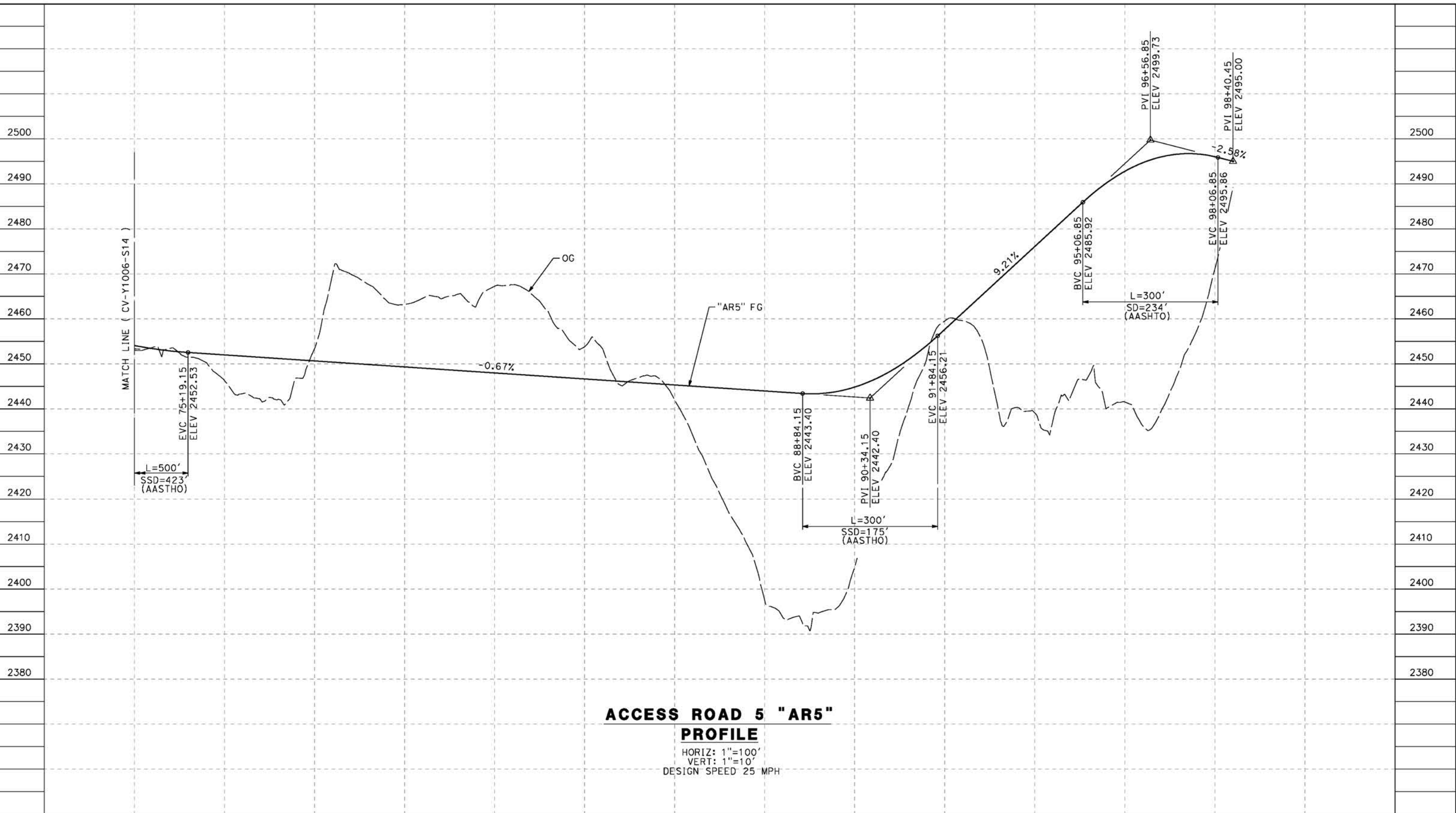
CALIFORNIA HIGH-SPEED RAIL PROJECT PALMDALE TO BURBANK ALIGNMENT "REFINED SR14" ACCESS ROAD PROFILE ACCESS ROAD 5 SHEET 3 OF 4	CONTRACT NO. HSR14-42
	DRAWING NO. CV-Y1006-S14
	SCALE AS SHOWN
	SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

ct:\pwworking\ir\sener-us-pw-bentley.com_sener-us-pw-01\ddo\cordoba\dms24258VPB-CV-Y1007-S14.dgn

5/23/2021 8:40:56 PM

cordo



ACCESS ROAD 5 "AR5"
PROFILE

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

STATION	74+00	76+00	78+00	80+00	82+00	84+00	86+00	88+00	90+00	92+00	94+00	96+00	98+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 "REFINED SR14"
ACCESS ROAD PROFILE
ACCESS ROAD 5
SHEET 4 OF 4

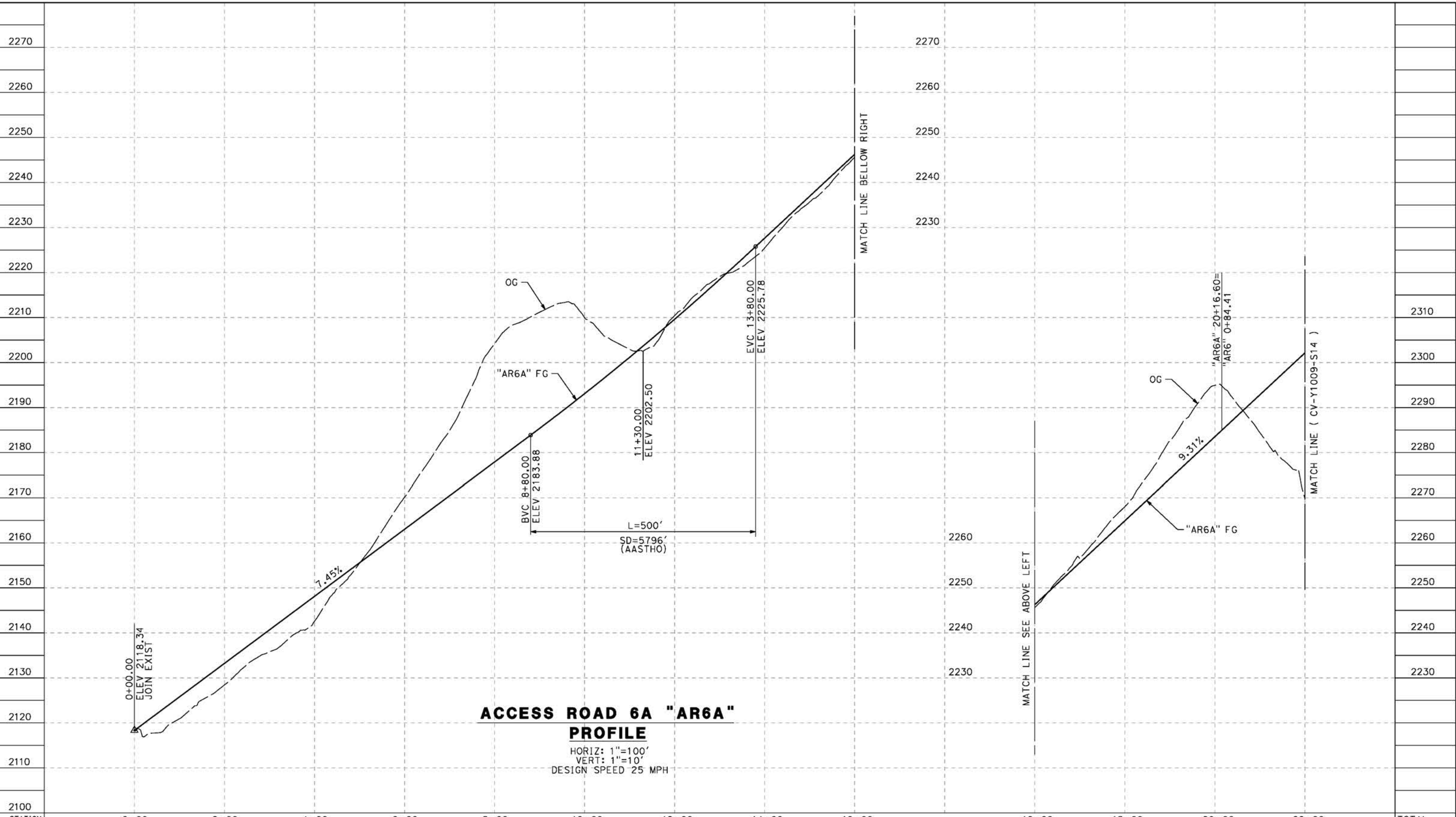
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1007-S14
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/26/2021 9:57:00 PM

cordo



**ACCESS ROAD 6A "AR6A"
PROFILE**

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

STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	16+00	18+00	20+00	22+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 "REFINED SR14"
ACCESS ROAD PROFILE
ACCESS ROAD 6A
SHEET 1 OF 3

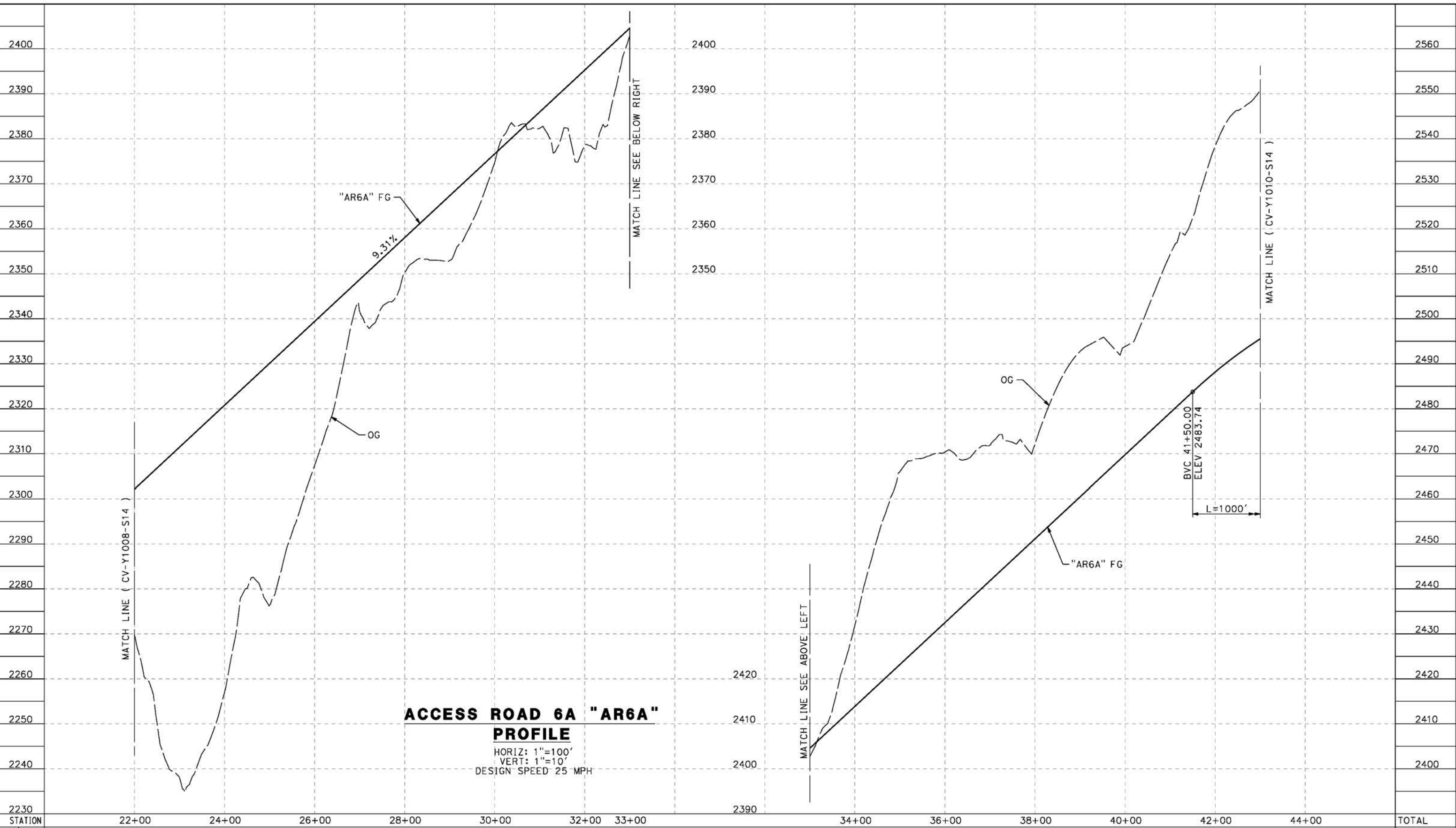
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1008-S14
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/23/2021 8:45:12 PM

cordo



**ACCESS ROAD 6A "AR6A"
PROFILE**

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

STATION	22+00	24+00	26+00	28+00	30+00	32+00	33+00	34+00	36+00	38+00	40+00	42+00	44+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 "REFINED SR14"
ACCESS ROAD PROFILE
ACCESS ROAD 6A
SHEET 2 OF 3

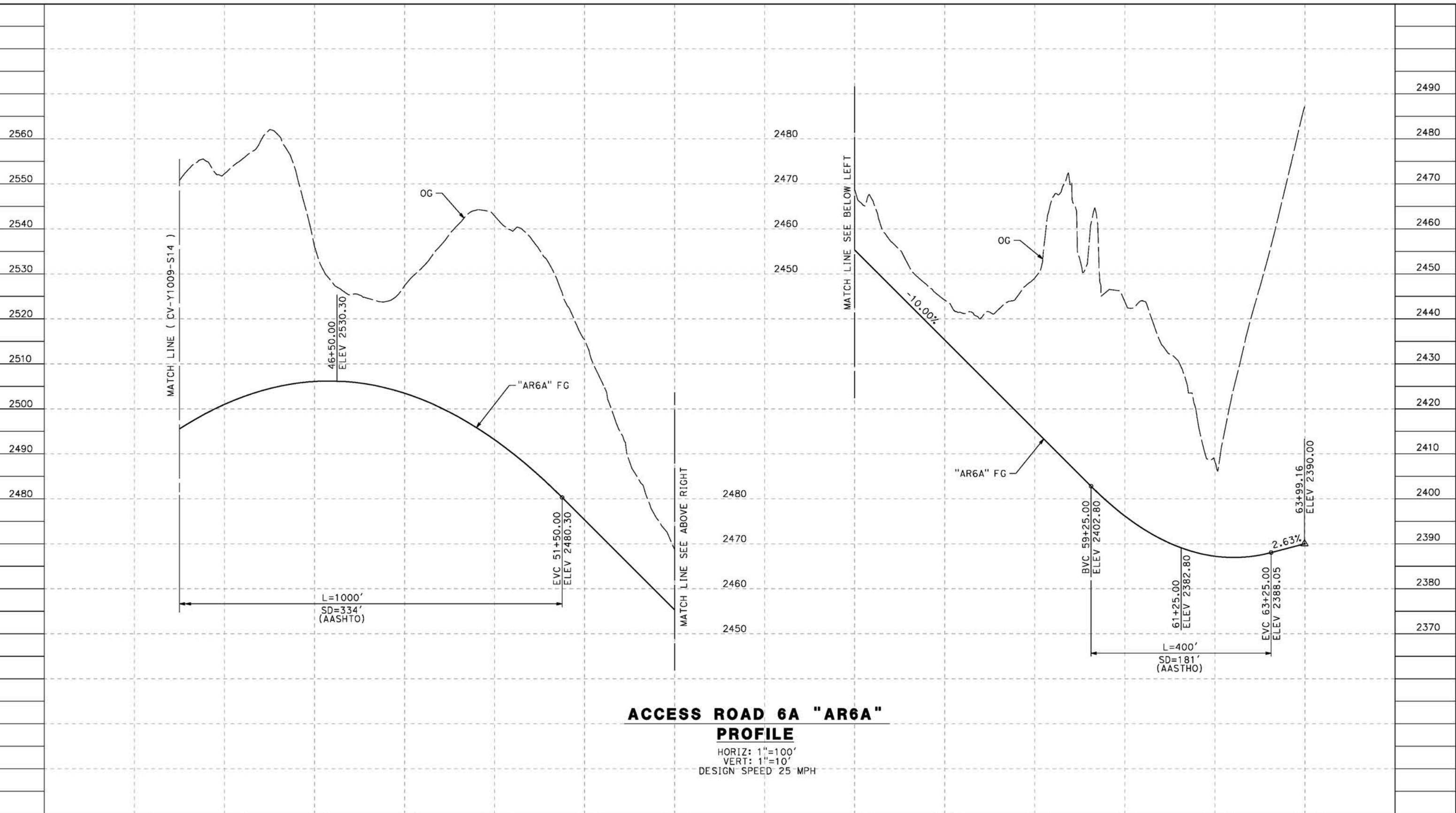
CONTRACT NO. HSR14-42
DRAWING NO. CV-Y1009-S14
SCALE AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/23/2021 8:47:00 PM

cordo



**ACCESS ROAD 6A "AR6A"
PROFILE**

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

STATION	42+00	44+00	46+00	48+00	50+00	52+00	54+00	54+00	56+00	58+00	60+00	62+00	64+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**



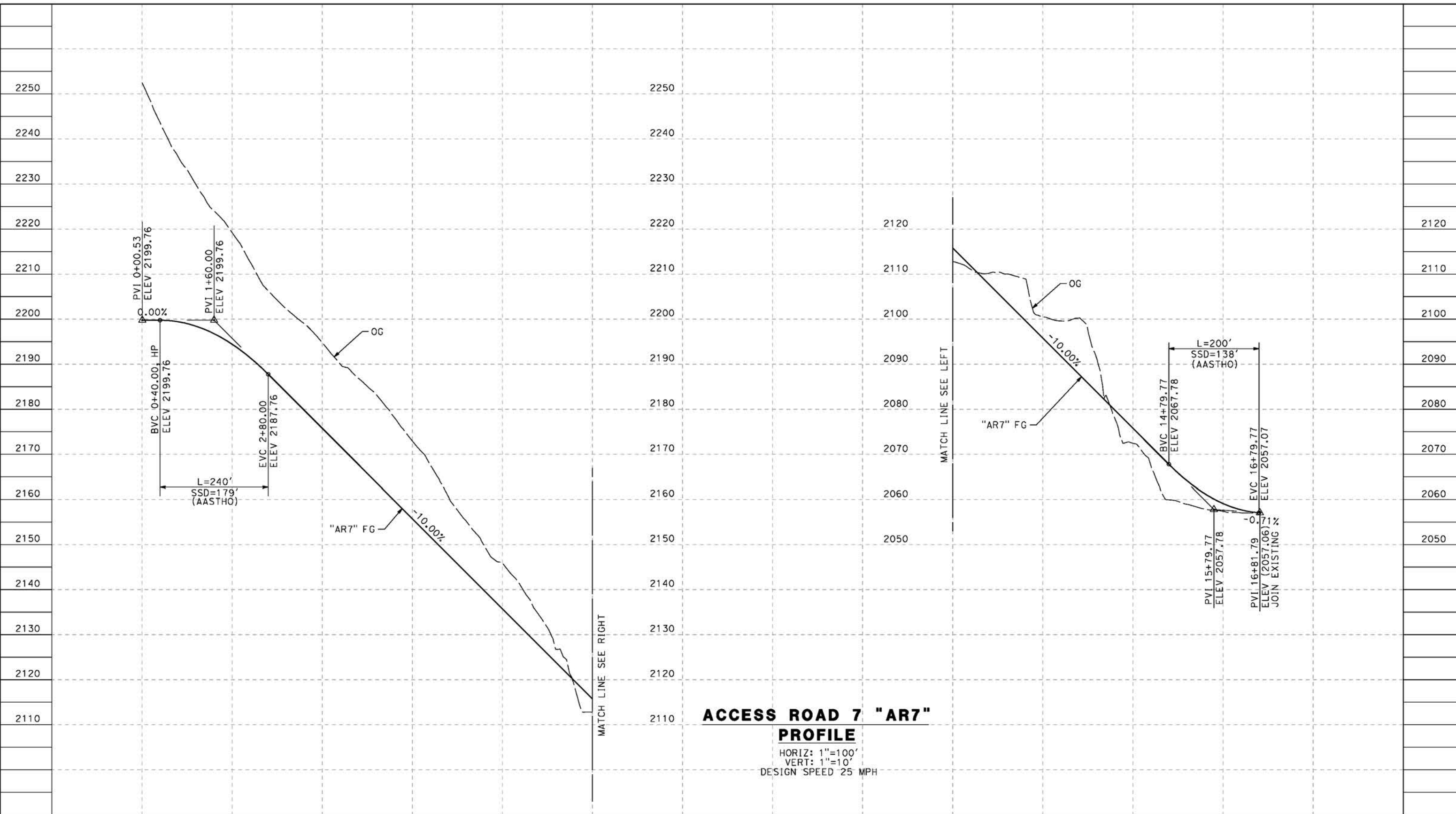
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ACCESS ROAD PROFILE
ACCESS ROAD 6A
SHEET 3 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1010-S14
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

5/26/2021 10:01:26 PM c:\pwworking\ir\sener-us-pw-bentley.com_sener-us-pw-01\dal\cordoba\dms24258VPB-CV-Y1011-S14.dgn

cordo



ACCESS ROAD 7 "AR7"
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 25 MPH

STATION	0+00	2+00	4+00	6+00	8+00	10+00	10+00	12+00	14+00	16+00	18+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



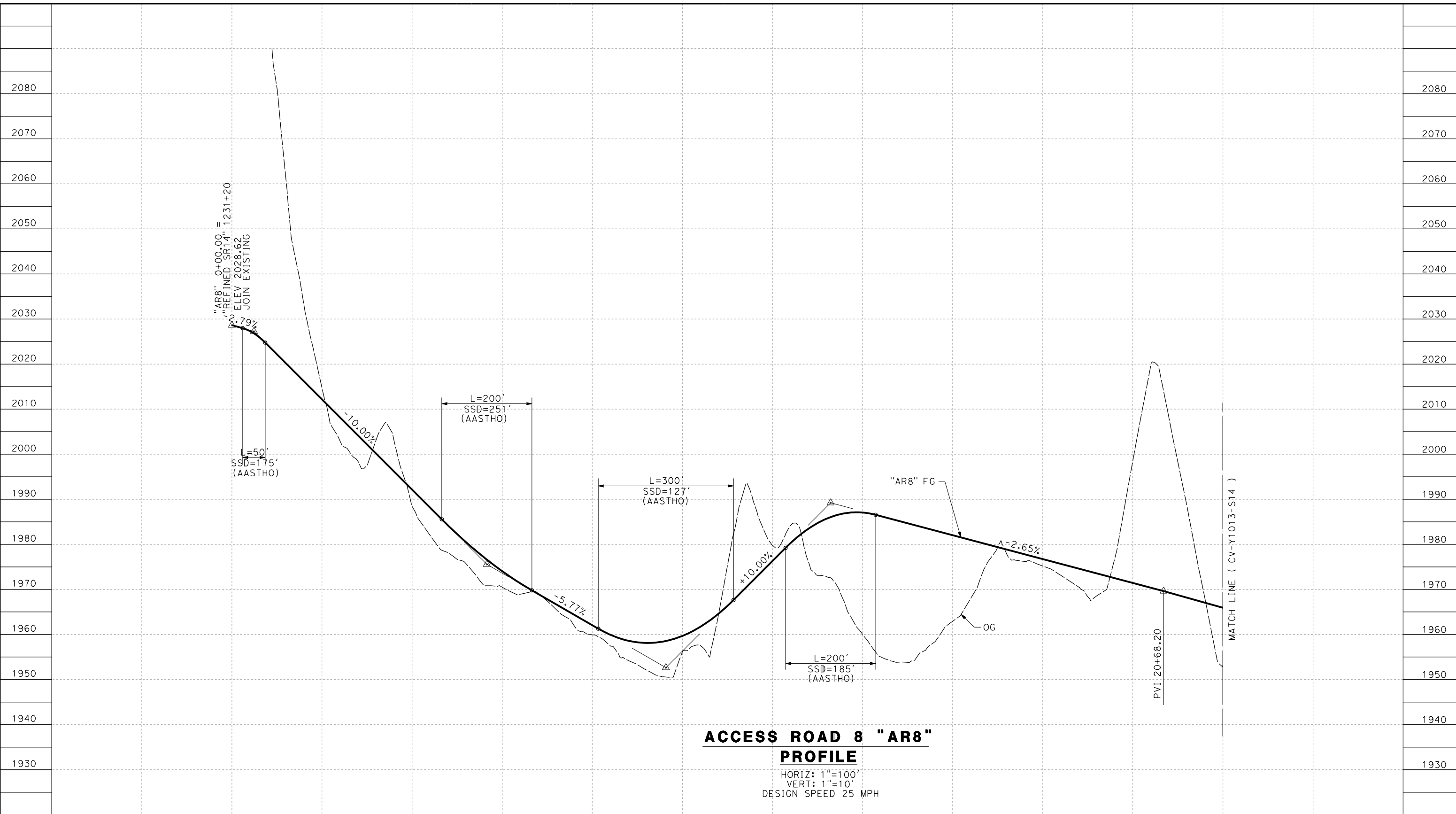
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 ACCESS ROAD PROFILE
 ACCESS ROAD 7

CONTRACT NO. HSR14-42
DRAWING NO. CV-Y1011-S14
SCALE AS SHOWN
SHEET NO.

c:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y1012-S14.dgn

1/10/2024 1:55:27 PM

04Z0008



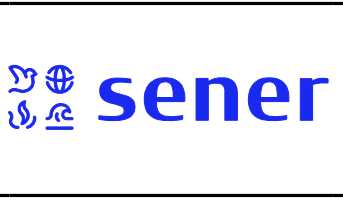
**ACCESS ROAD 8 "AR8"
PROFILE**

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

STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	18+00	20+00	22+00	TOTAL
CY	Exc												
	Emb												

DESIGNED BY
D. CORDOBA
DRAWN BY
D. CORDOBA
CHECKED BY
I. LAQUIDAIN
IN CHARGE
A. RELAÑO
DATE
12/30/2023

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



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ACCESS ROAD PROFILE
ACCESS ROAD 8
SHEET 1 OF 3

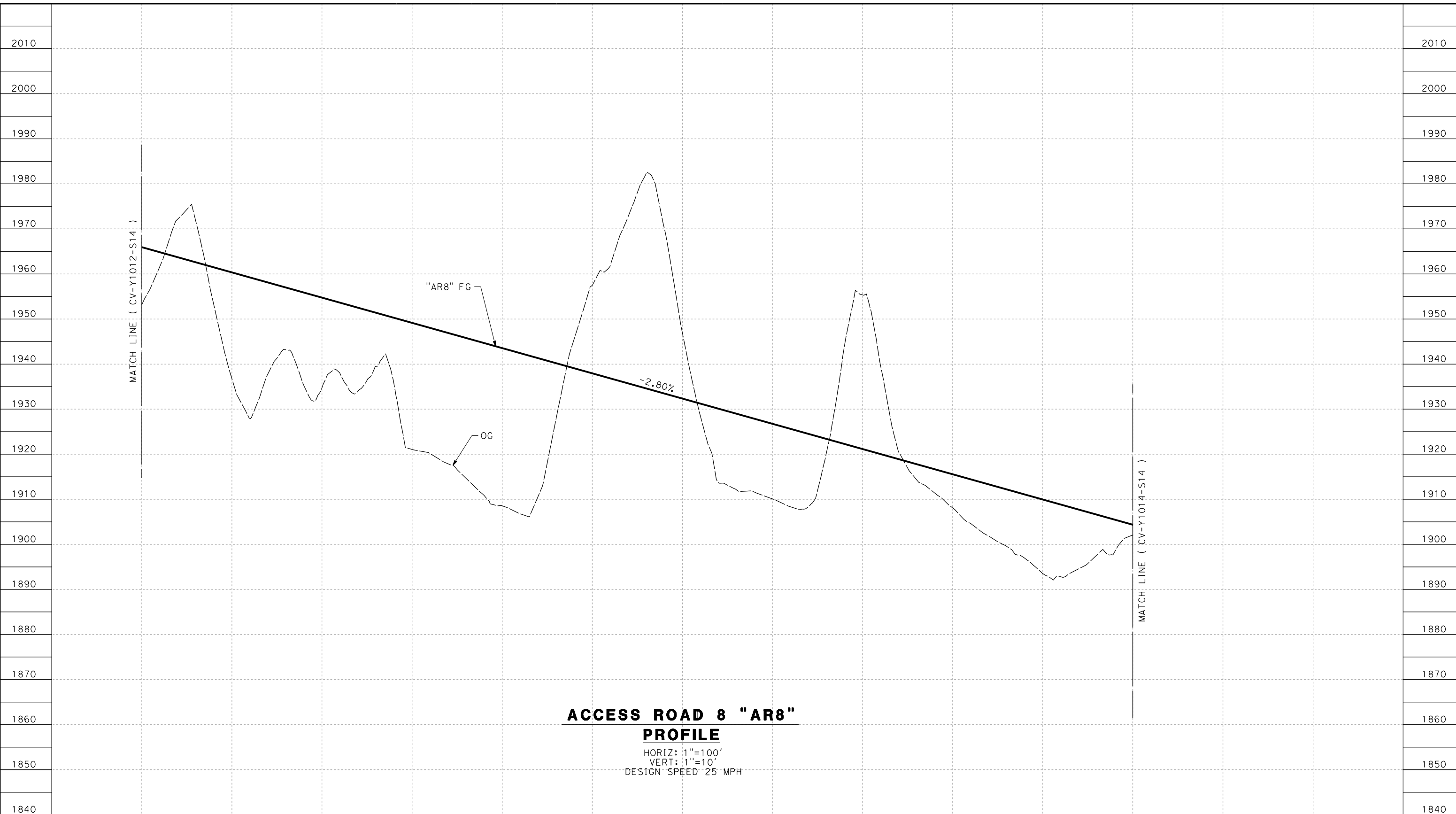
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1012-S14
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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1/10/2024 1:54:13 PM

04Z0008



ACCESS ROAD 8 "AR8"

PROFILE

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

STATION	22+00	24+00	26+00	28+00	30+00	32+00	34+00	36+00	38+00	40+00	42+00	44+00	TOTAL
CY	Exc												
	Emb												

DESIGNED BY
D. CORDOBA
 DRAWN BY
D. CORDOBA
 CHECKED BY
I. LAQUIDAIN
 IN CHARGE
A. RELAÑO
 DATE
12/30/2023

**PEPD RECORD SET
 REV 02**

**NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "REFINED SR14"
 ACCESS ROAD PROFILE
 ACCESS ROAD 8
 SHEET 2 OF 3

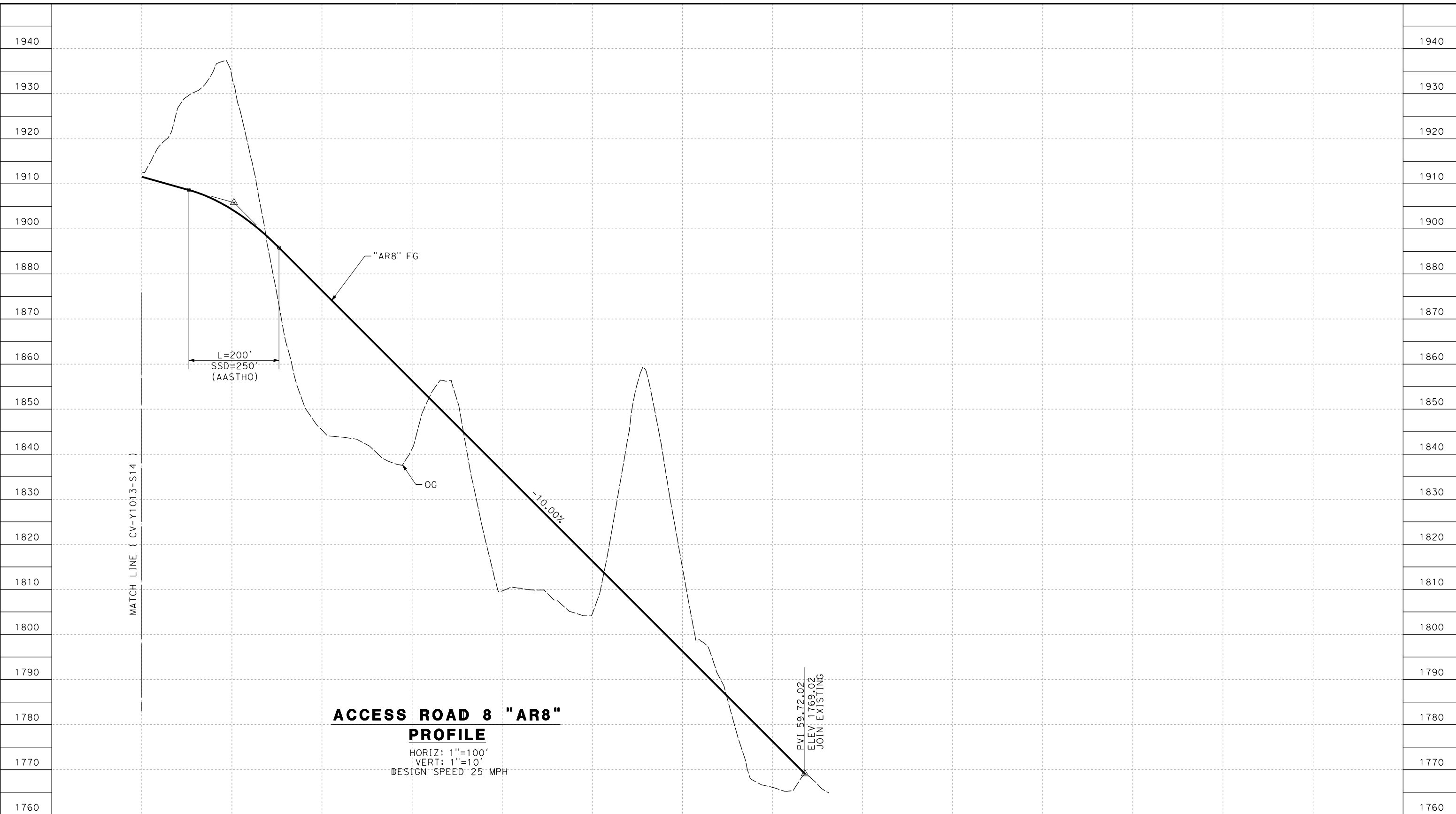
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-Y1013-S14
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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1/10/2024 2:00:38 PM

04Z0008



ACCESS ROAD 8 "AR8"
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 25 MPH

STATION	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
D. CORDOBA
 DRAWN BY
D. CORDOBA
 CHECKED BY
I. LAQUIDAIN
 IN CHARGE
A. RELAÑO
 DATE
12/30/2023

PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION



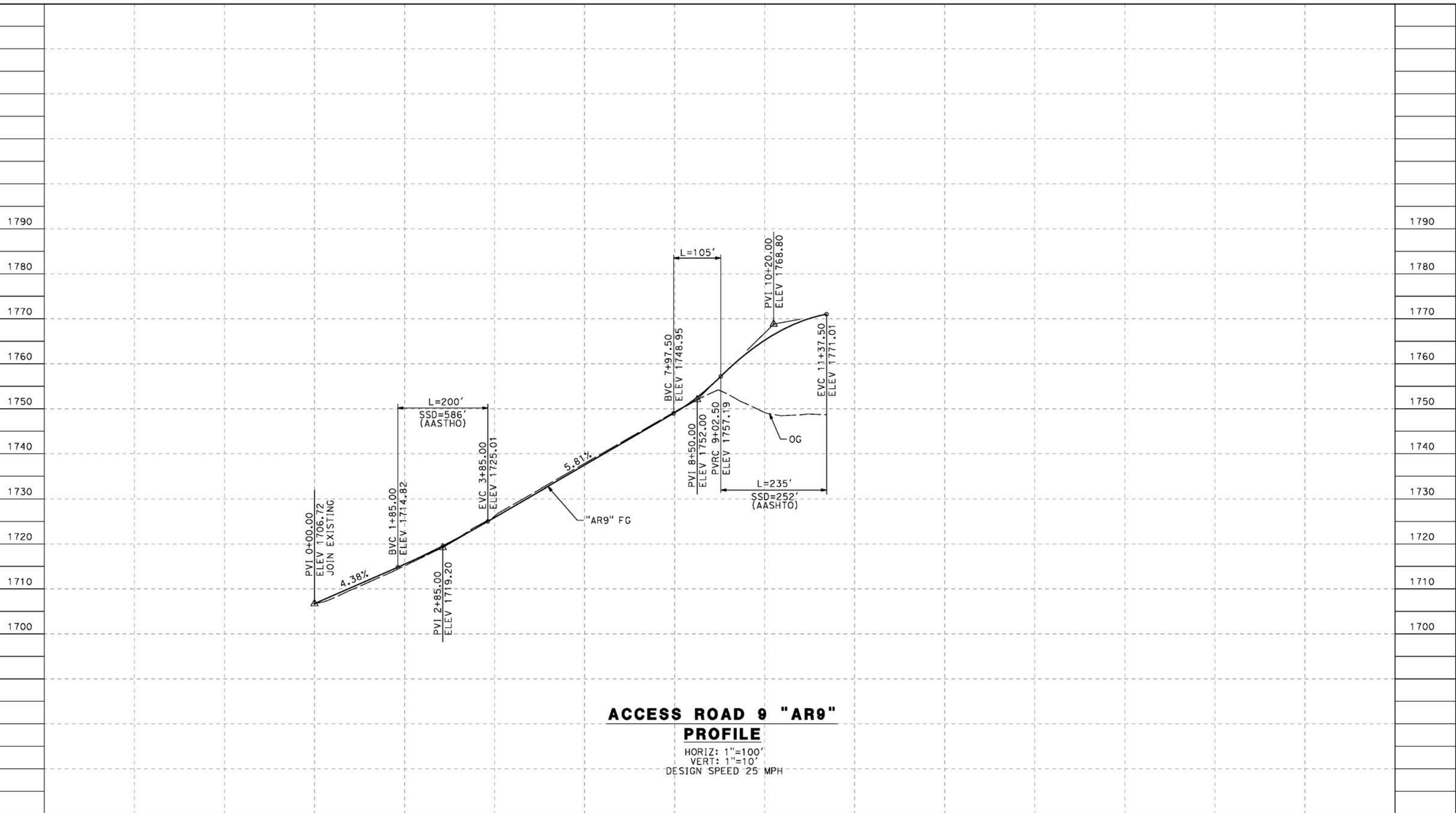
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 ACCESS ROAD PROFILE
 ACCESS ROAD 8
 SHEET 3 OF 3

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-Y1014-S14
 SCALE
AS SHOWN
 SHEET NO.

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5/23/2021 8:56:06 PM

cordo



ACCESS ROAD 9 "AR9"
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 25 MPH

STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+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



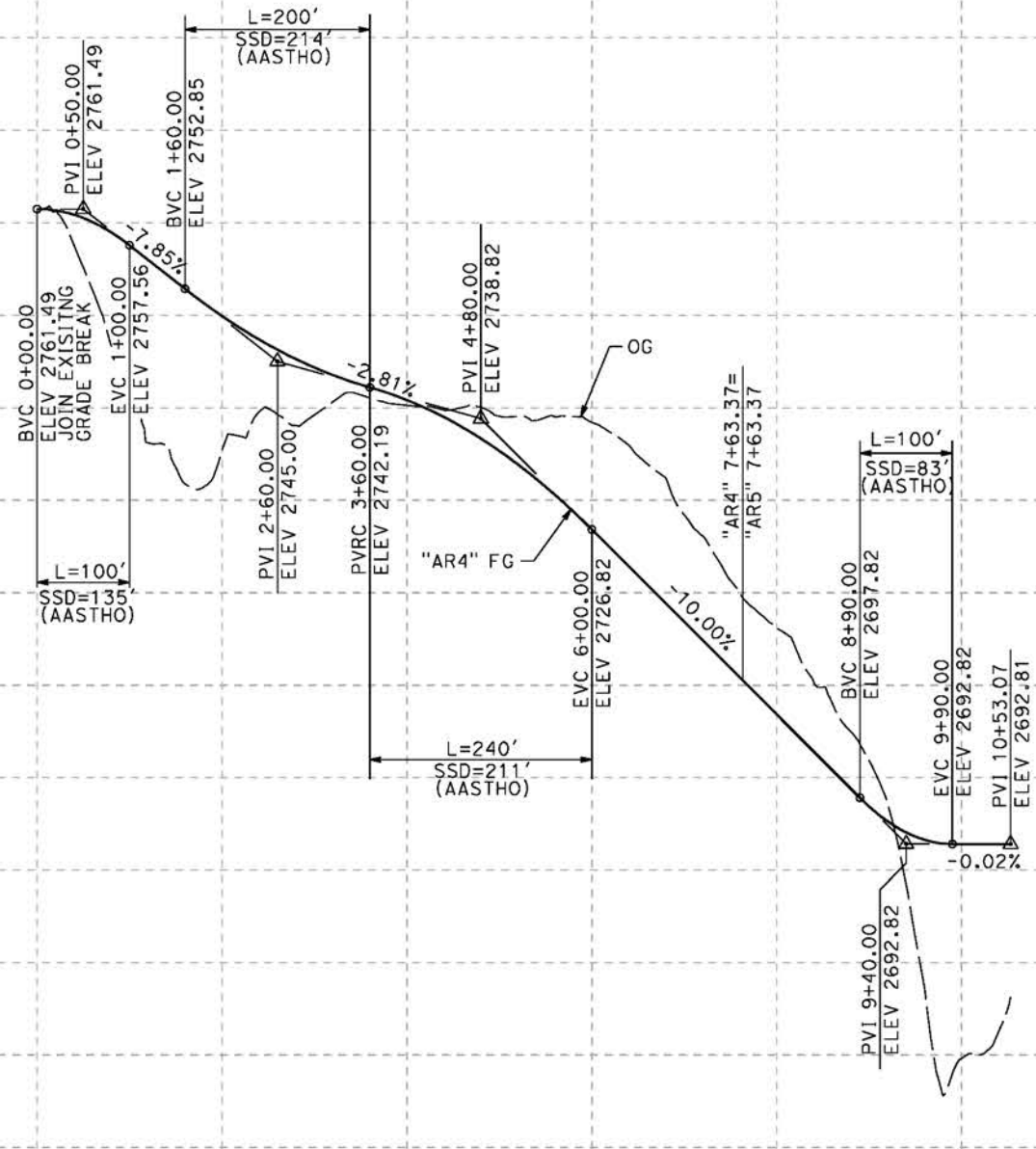
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REV	DATE	BY	CHK	APP	DESCRIPTION

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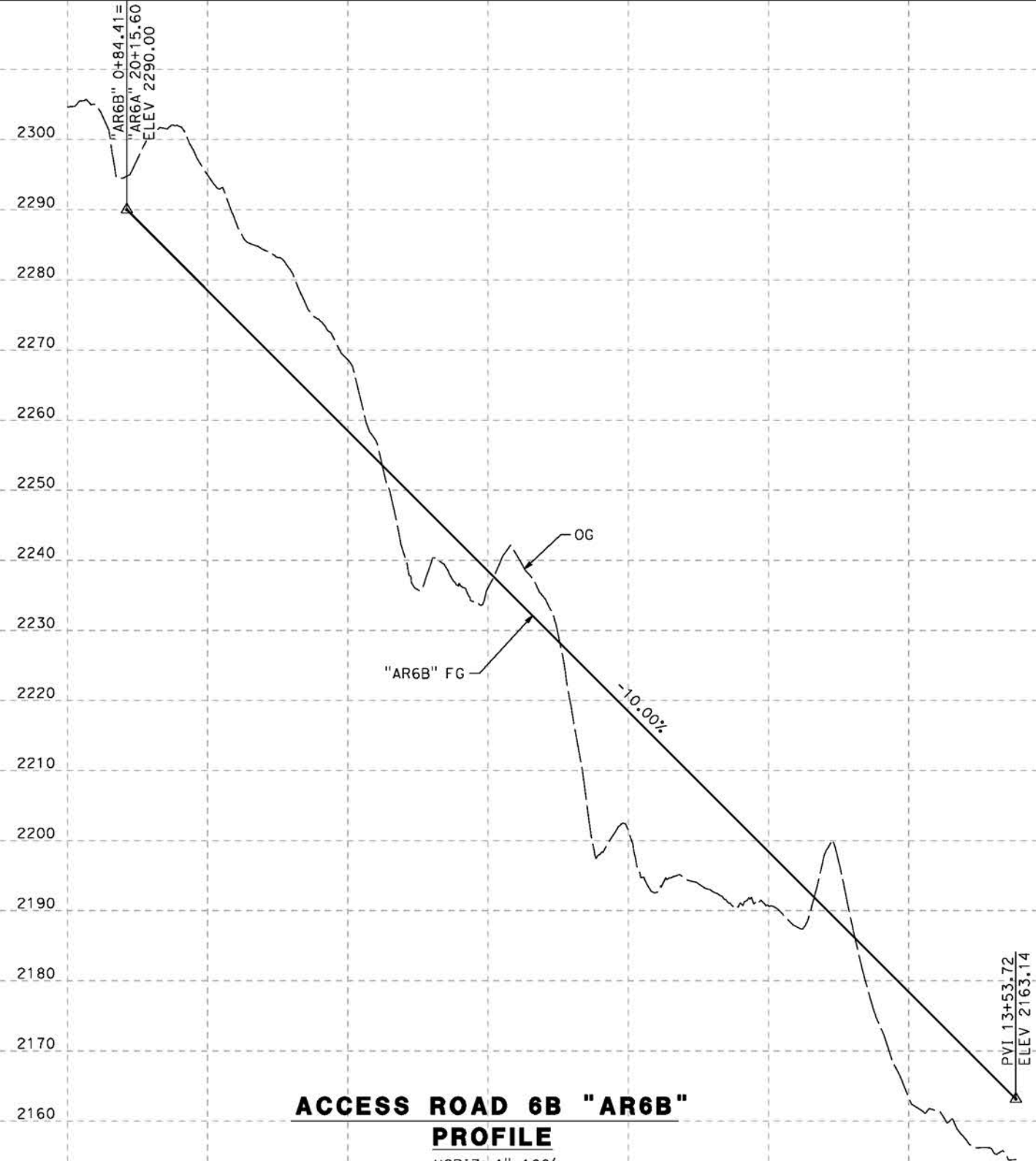
5/23/2021 8:58:06 PM

cordo



**ACCESS ROAD 4 "AR4"
PROFILE**

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



**ACCESS ROAD 6B "AR6B"
PROFILE**

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

STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	0+00	2+00	4+00	6+00	8+00	10+00	12+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 "REFINED SR14"
ACCESS ROAD PROFILE
ACCESS ROAD 4 & ACCESS ROAD 6B

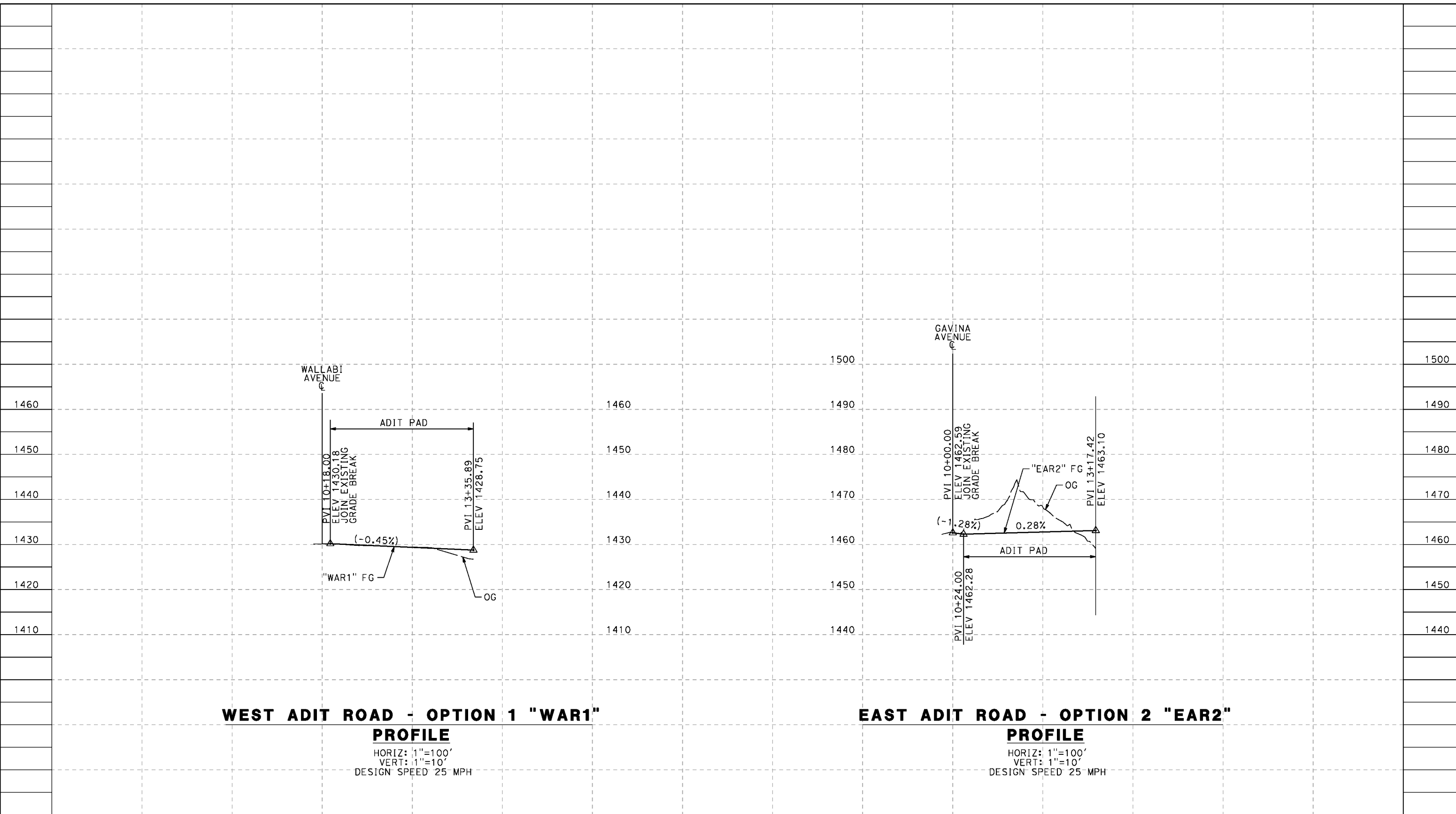
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1016-S14
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/23/2021 8:59:52 PM

cordo



WEST ADIT ROAD - OPTION 1 "WAR1"

PROFILE

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

EAST ADIT ROAD - OPTION 2 "EAR2"

PROFILE

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

STATION	8+00	10+00	12+00	14+00	8+00	10+00	12+00	14+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

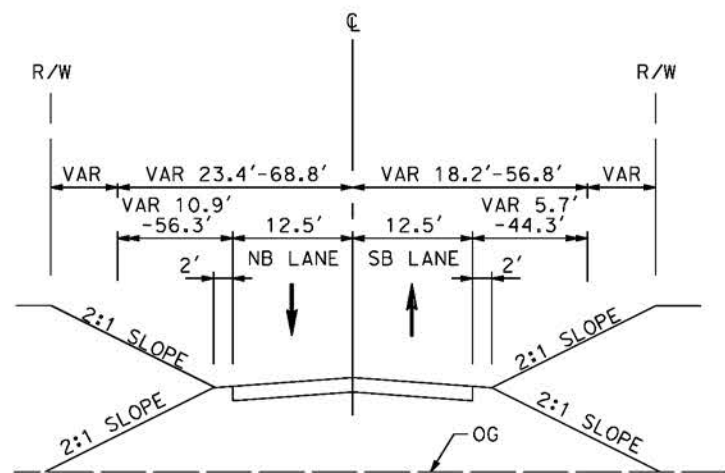
**PEPD RECORD SET
REV 02
NOT FOR
CONSTRUCTION**



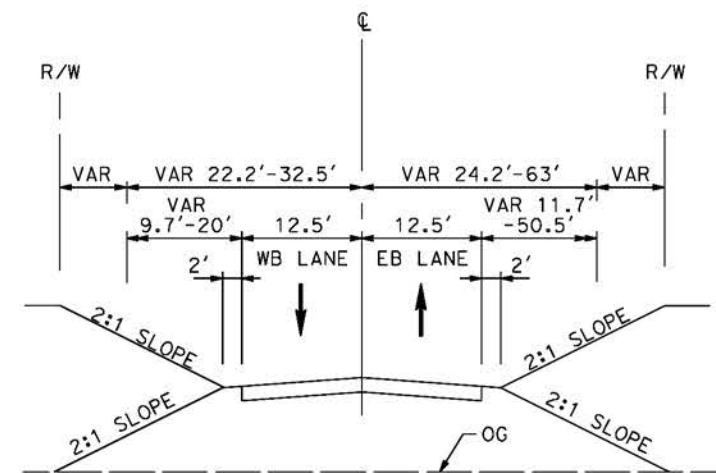
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
ACCESS ROAD PROFILE
WEST AND EAST ADIT ROAD OPTION 1 AND OPTION 2

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1017-S14
SCALE
AS SHOWN
SHEET NO.

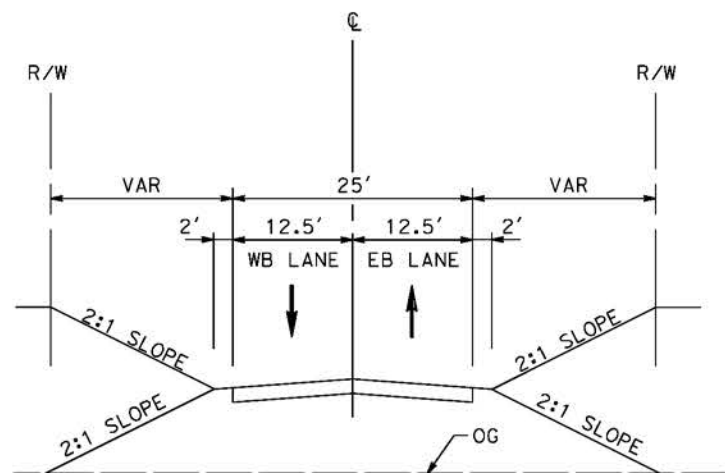
REV	DATE	BY	CHK	APP	DESCRIPTION



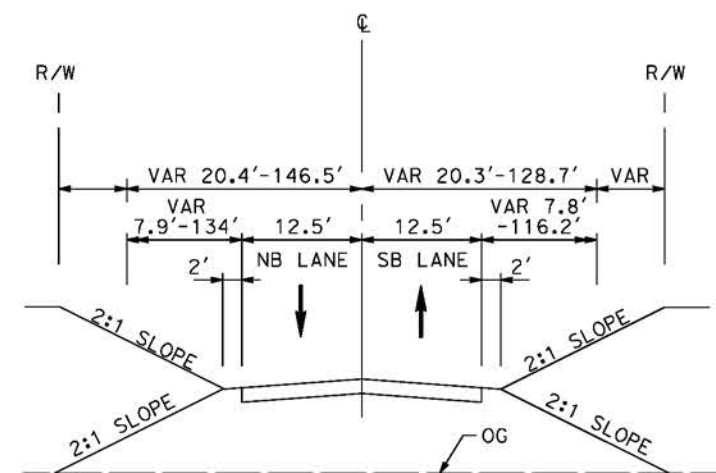
ACCESS ROAD 2
STA 0+00 TO STA 10+04.01



ACCESS ROAD 3B
STA 29+00 TO STA 38+34.96



ACCESS ROAD 1
STA 10+00 TO STA 29+65.87



ACCESS ROAD 3A
STA 20+12.81 TO STA 30+34.22

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5/21/2021 2:01:26 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

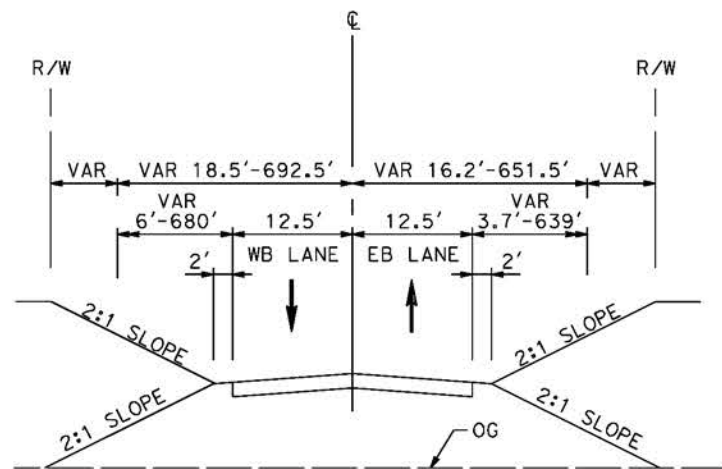
PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION

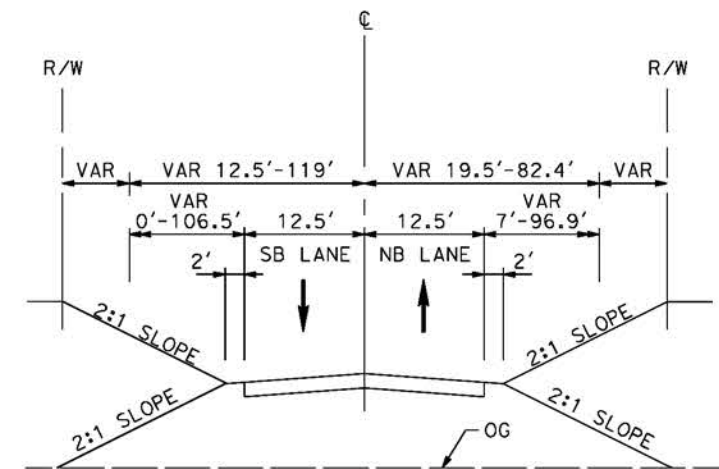


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
TYPICAL SECTIONS
ACCESS ROAD 1, 2, 3A AND 3B

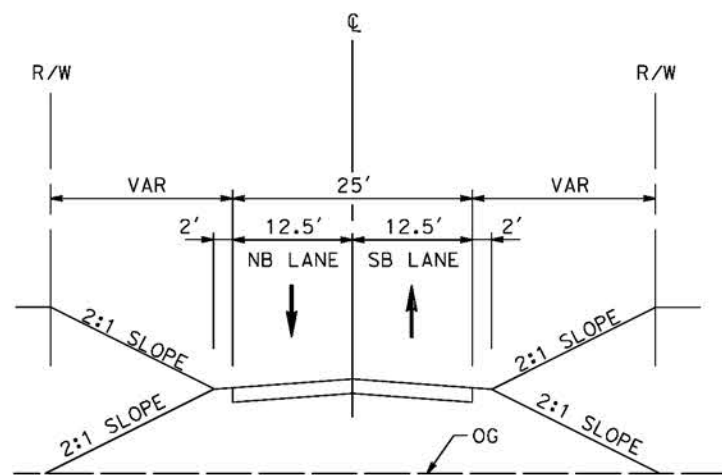
CONTRACT NO. HSR14-42
DRAWING NO. CV-Y3001-S14
SCALE NO SCALE
SHEET NO.



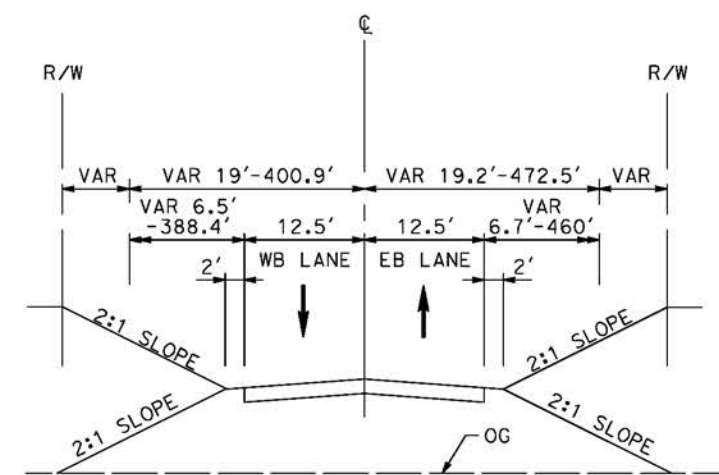
ACCESS ROAD 5
STA 0+00 TO STA 98+40.04



ACCESS ROAD 6B
STA 0+84.41 TO STA 13+53.00



ACCESS ROAD 4
STA 0+00 TO STA 10+53.07



ACCESS ROAD 6A
STA 0+00 TO STA 63+99.16

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5/21/2021 2:03:31 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



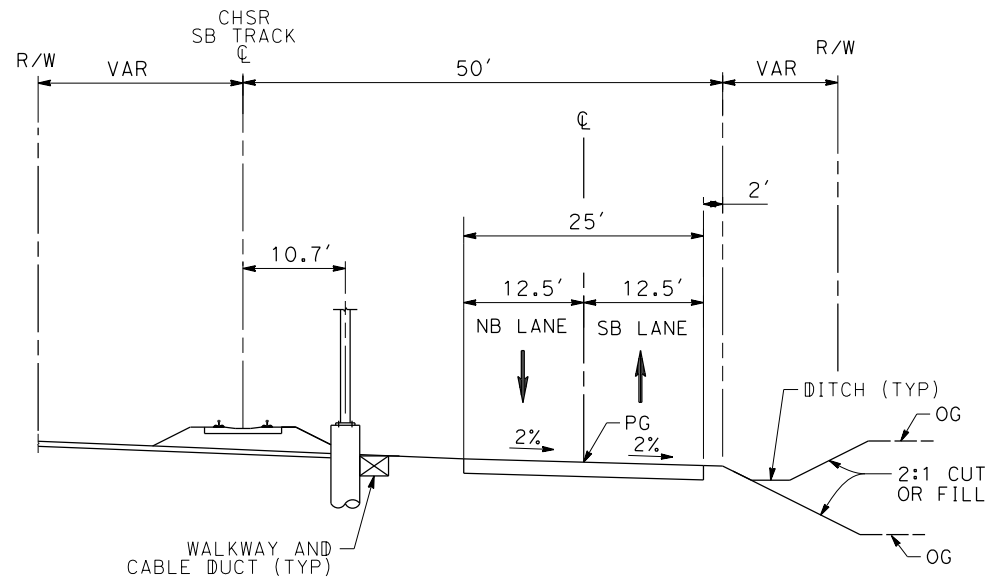
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
TYPICAL SECTIONS
ACCESS ROAD 4, 5, 6A AND 6B

CONTRACT NO. HSR14-42
DRAWING NO. CV-Y3002-S14
SCALE NO SCALE
SHEET NO.

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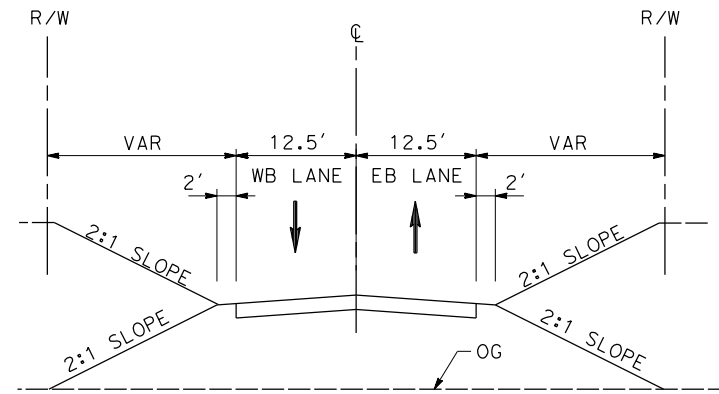
2/16/2024 11:18:05 AM

04Z0008



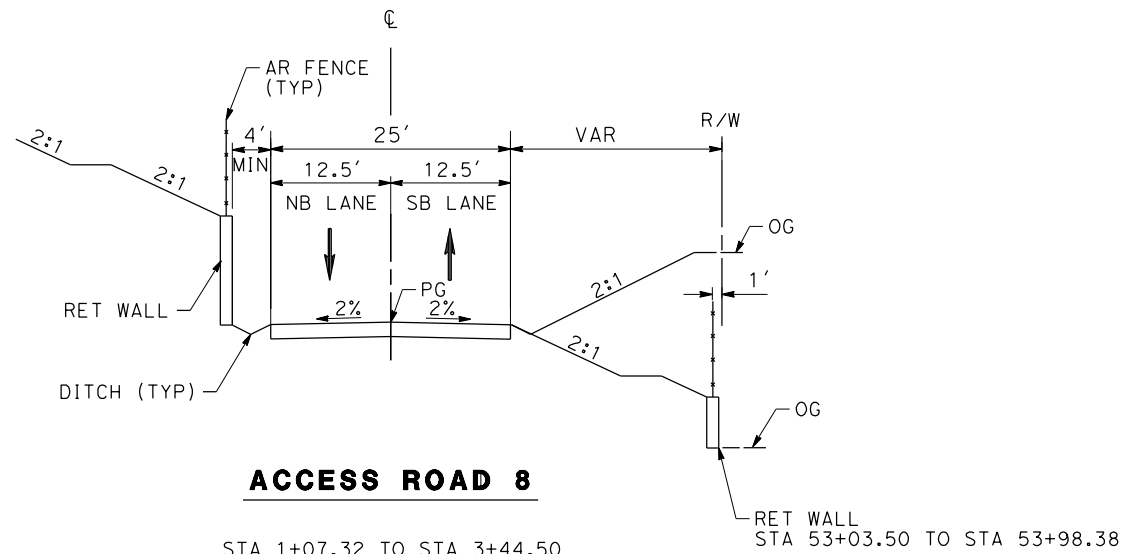
ACCESS ROAD 8

STA 0+00.00 TO STA 1+07.32
STA 12+10.90 TO STA 47+42.81



ACCESS ROAD 8

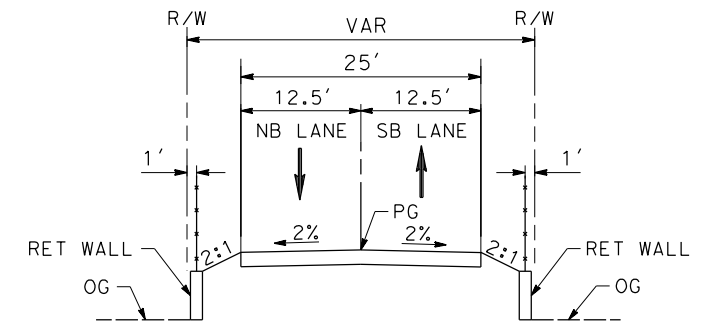
STA 3+44.50 TO STA 10+80.37
STA 57+38.35 TO STA 58+33.44
STA 59+58.08 TO STA 59+72.02



ACCESS ROAD 8

STA 1+07.32 TO STA 3+44.50
STA 10+80.37 TO STA 12+10.90
STA 47+42.81 TO STA 57+38.35

RET WALL
STA 53+03.50 TO STA 53+98.38



ACCESS ROAD 8

STA 58+33.44 TO STA 59+58.08

REV	DATE	BY	CHK	APP	DESCRIPTION

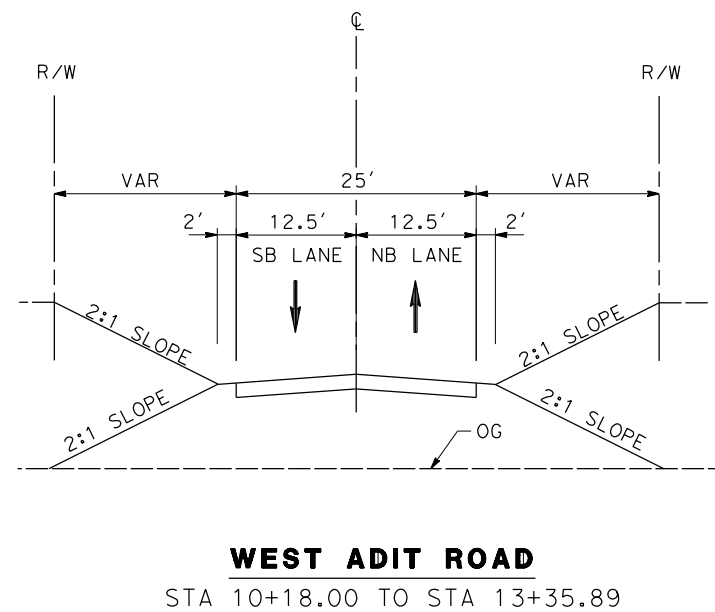
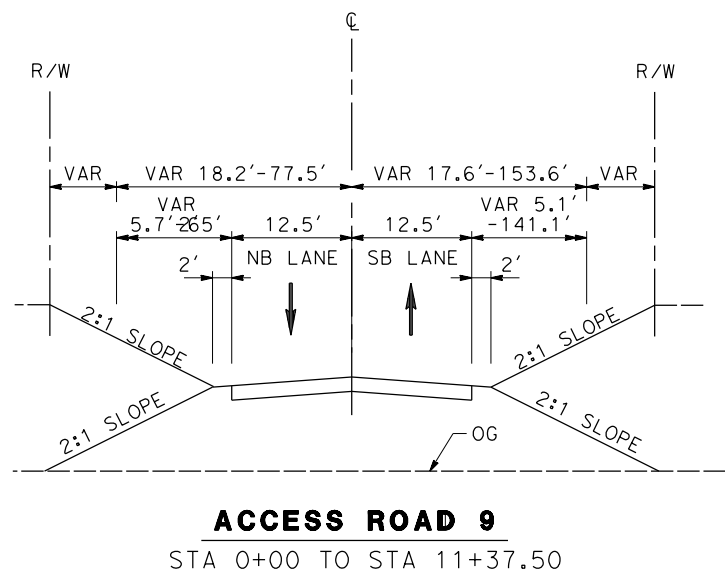
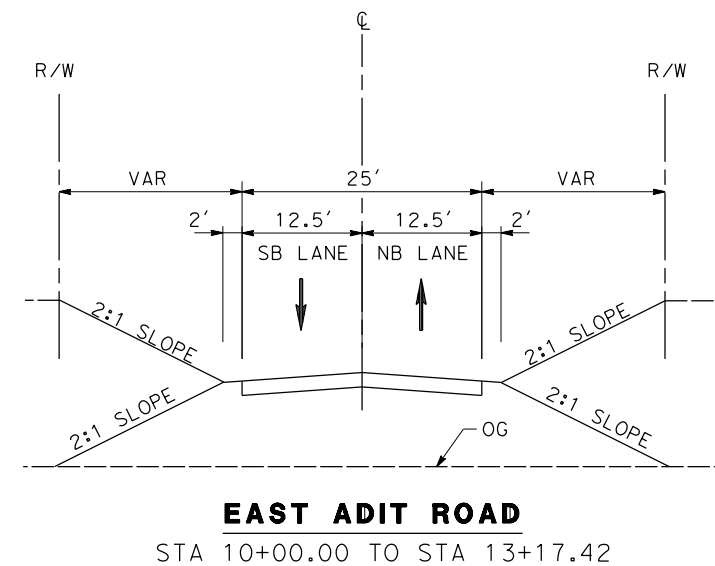
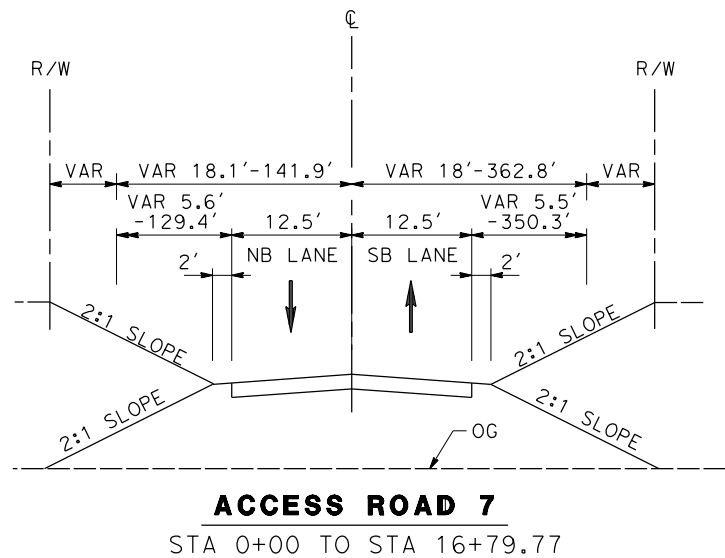
DESIGNED BY
J.C. ALAMILLA
DRAWN BY
D. CORDOBA
CHECKED BY
I. LAQUIDAIN
IN CHARGE
A. RELAÑO
DATE
02/07/2024

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



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "REFINED SR14"
TYPICAL SECTIONS
ACCESS ROAD 8

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y3003-S14
SCALE
NO SCALE
SHEET NO.



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2/16/2024 11:20:47 AM

04Z0008

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J.C. ALAMILLA
DRAWN BY
D. CORDOBA
CHECKED BY
I. LAQUIDAIN
IN CHARGE
A. RELANO
DATE
12/30/2023

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



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

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

ALIGNMENT "REFINED SR14"
TYPICAL SECTIONS
EAST ADIT ROAD AND WEST ADIT ROAD, ACCESS ROAD 7, 9

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y3004-S14
SCALE
NO SCALE
SHEET NO.

California High-Speed Rail Authority

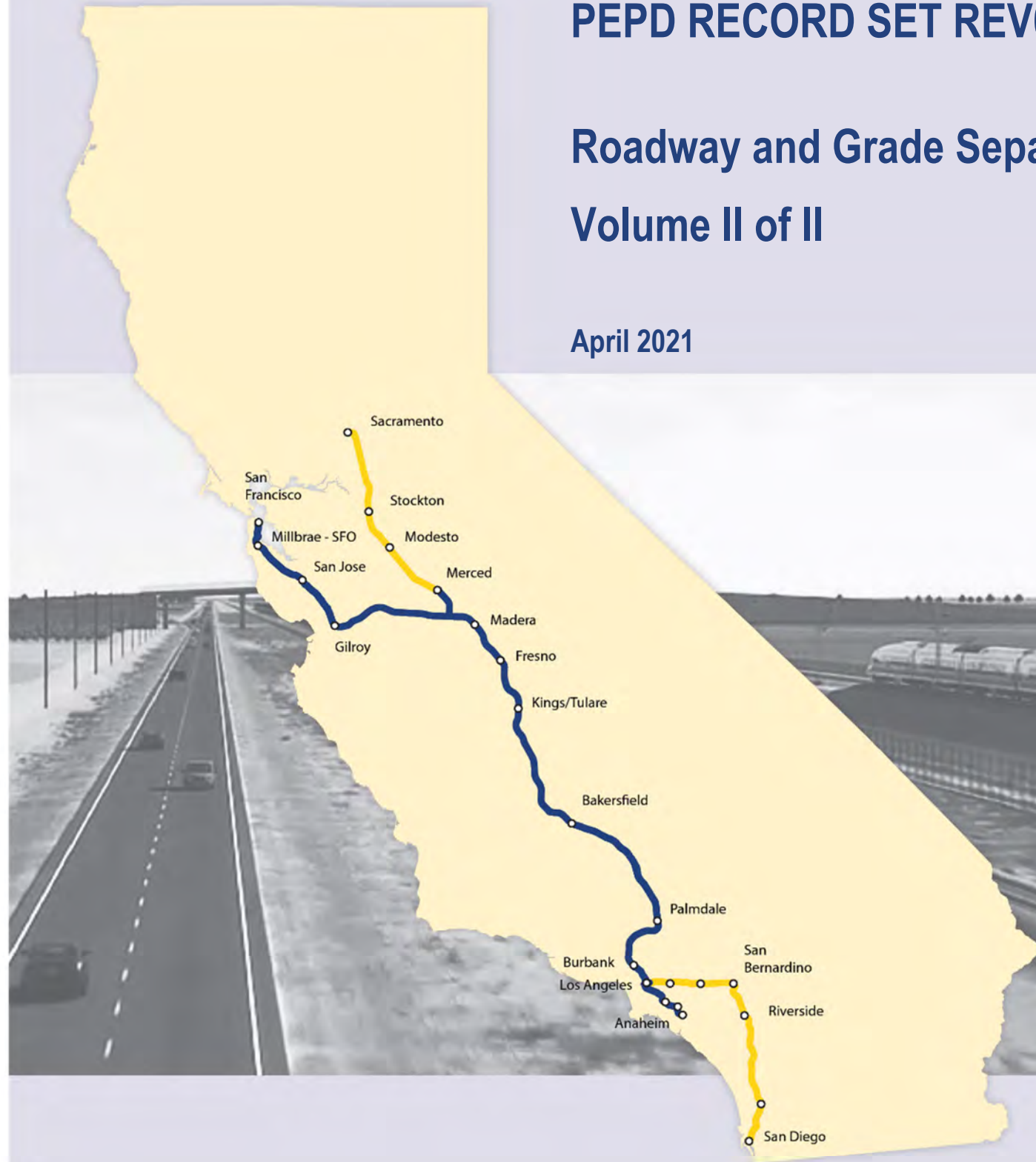
Palmdale to Burbank Project Section

PEPD RECORD SET REV02

Roadway and Grade Separation Plans

Volume II of II

April 2021

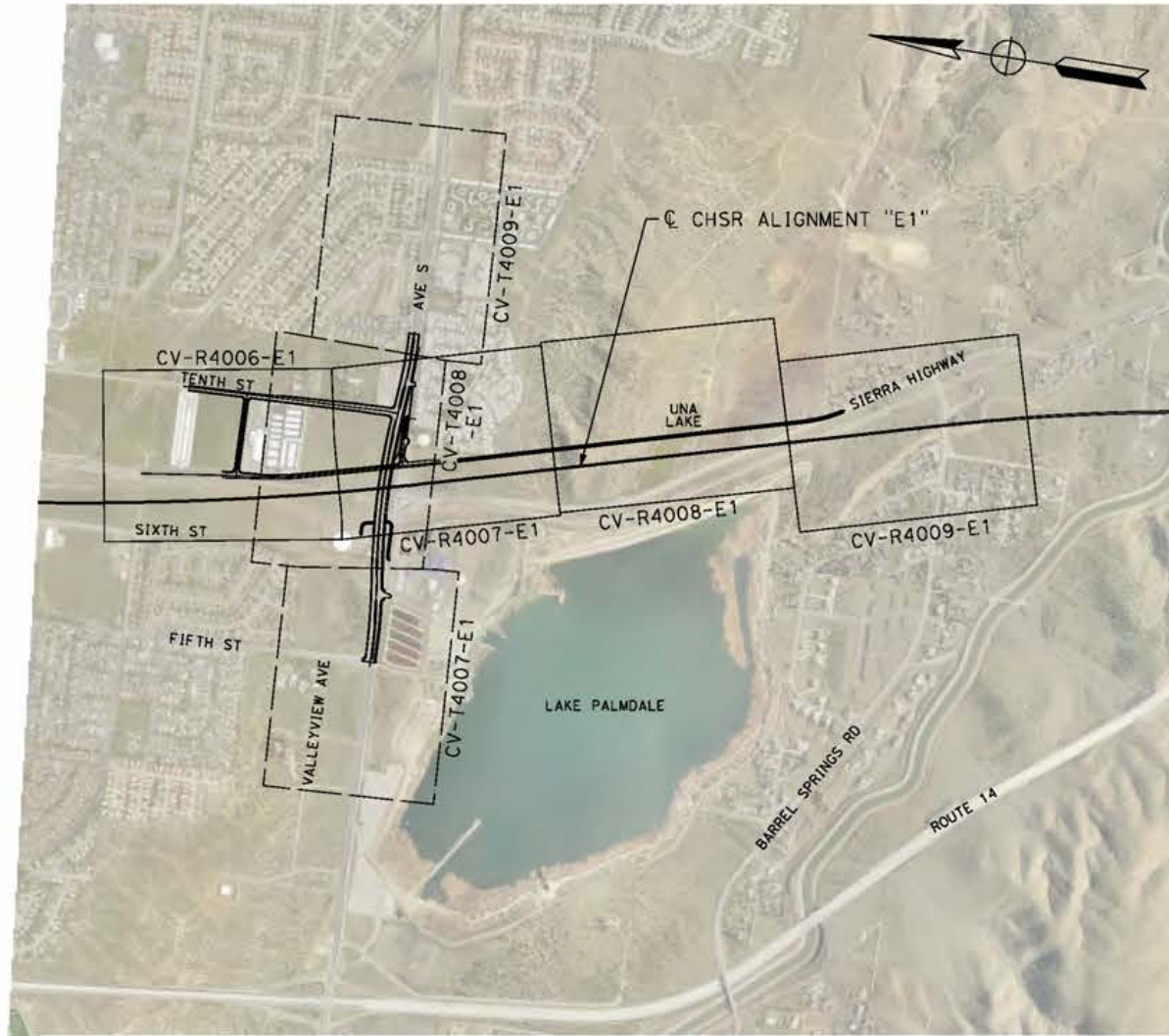


The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being or have been carried out by the State of California pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated July 23, 2019, and executed by the Federal Railroad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

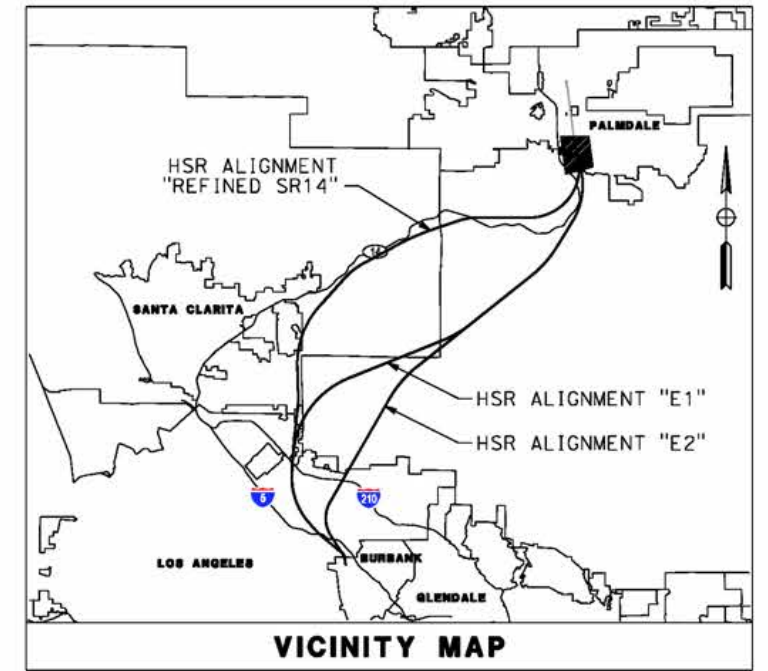
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5/23/2021 9:31:03 PM



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**



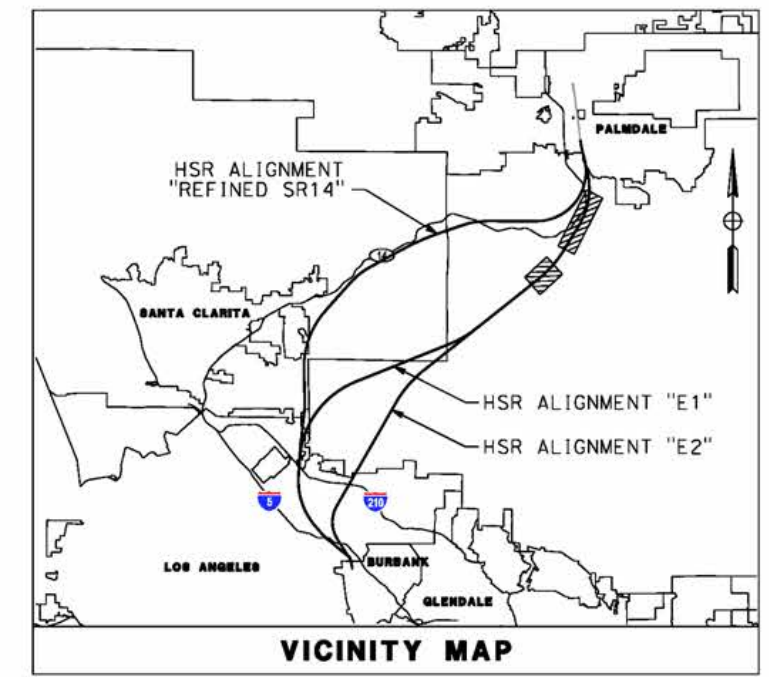
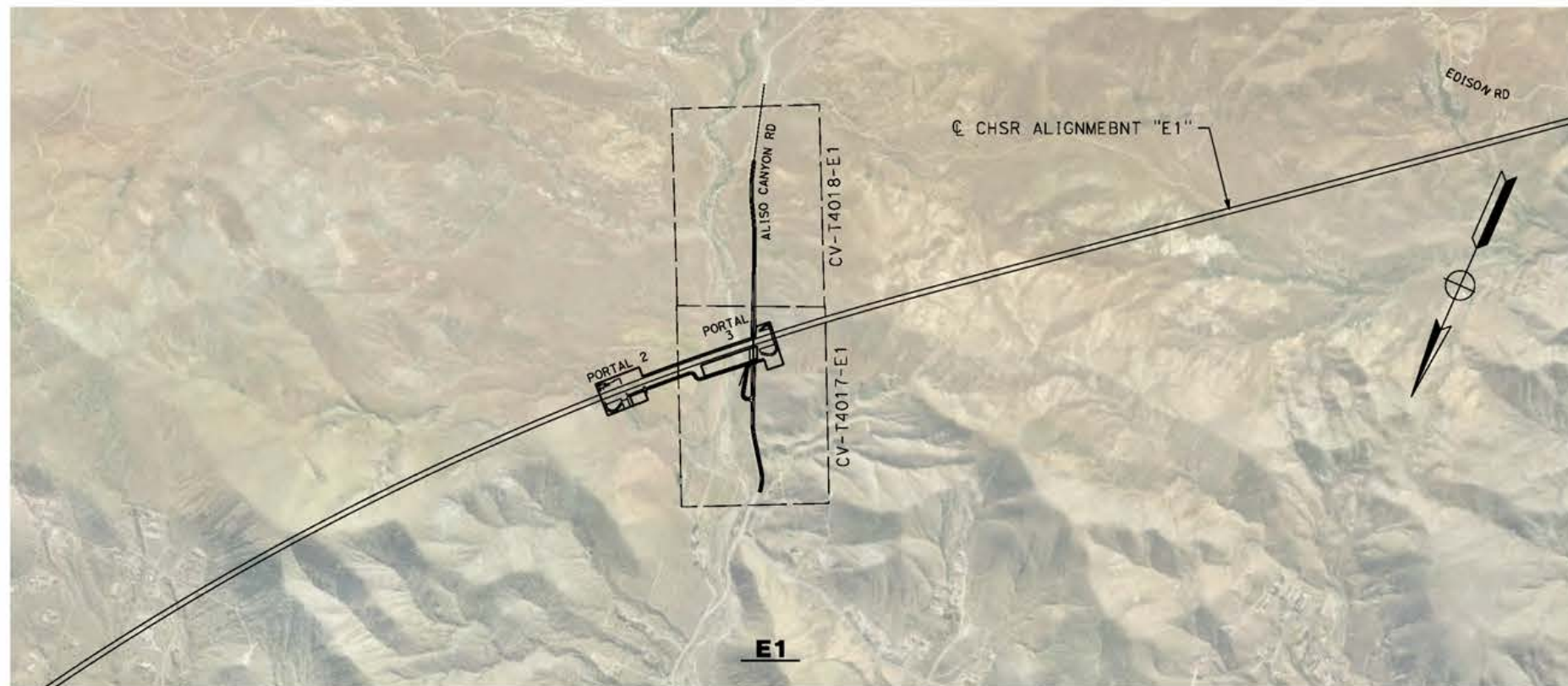
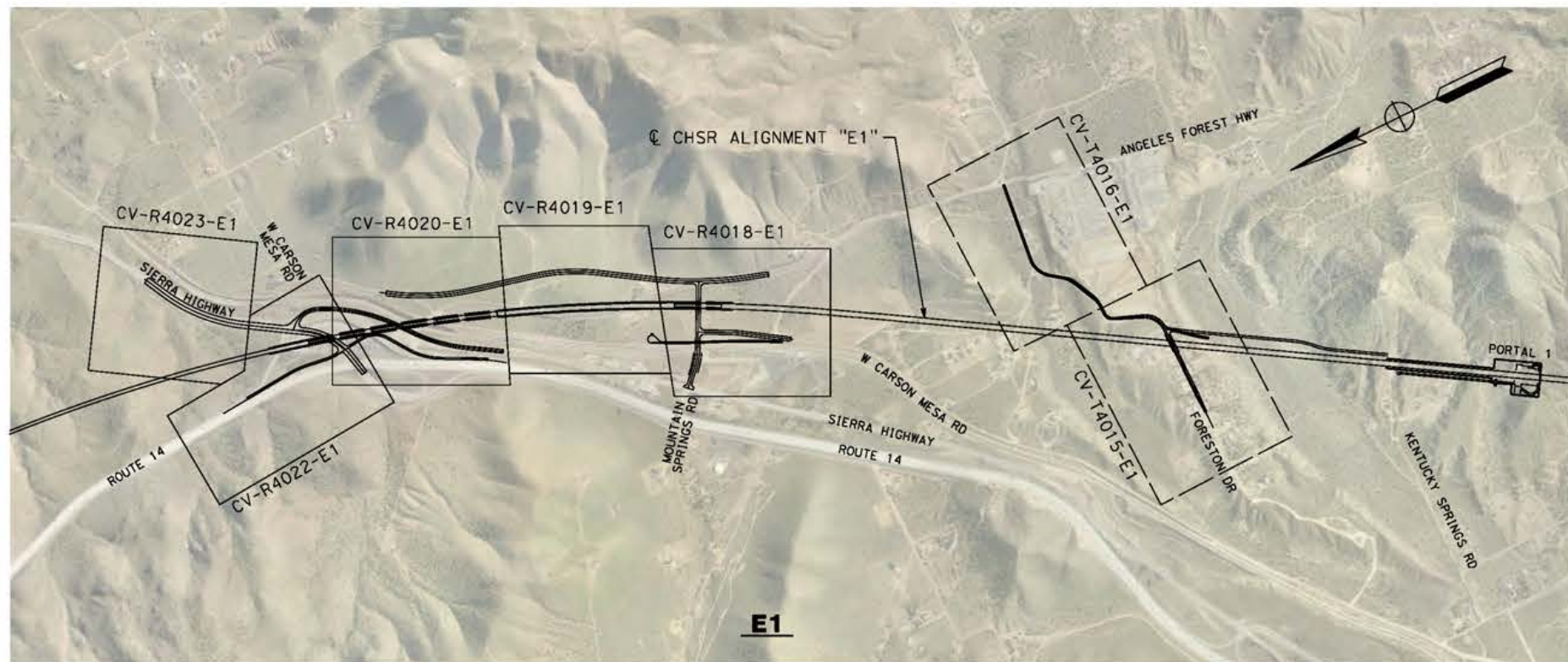
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY AND GRADE SEPARATION PLAN
KEY MAP
SHEET 1 OF 4

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

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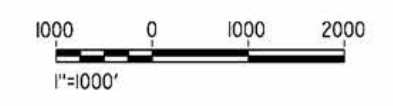
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cordo



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 2 OF 4

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

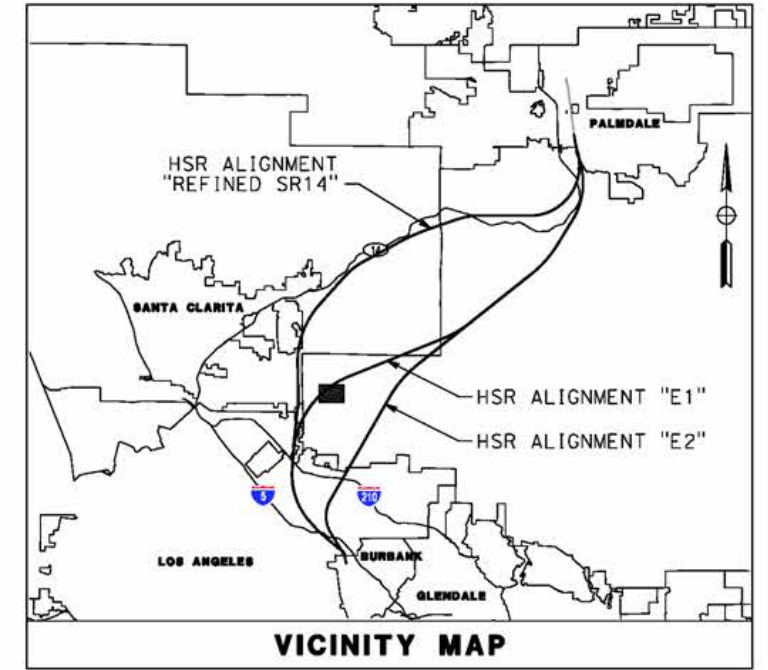
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5/23/2021 9:38:40 PM



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 3 OF 4

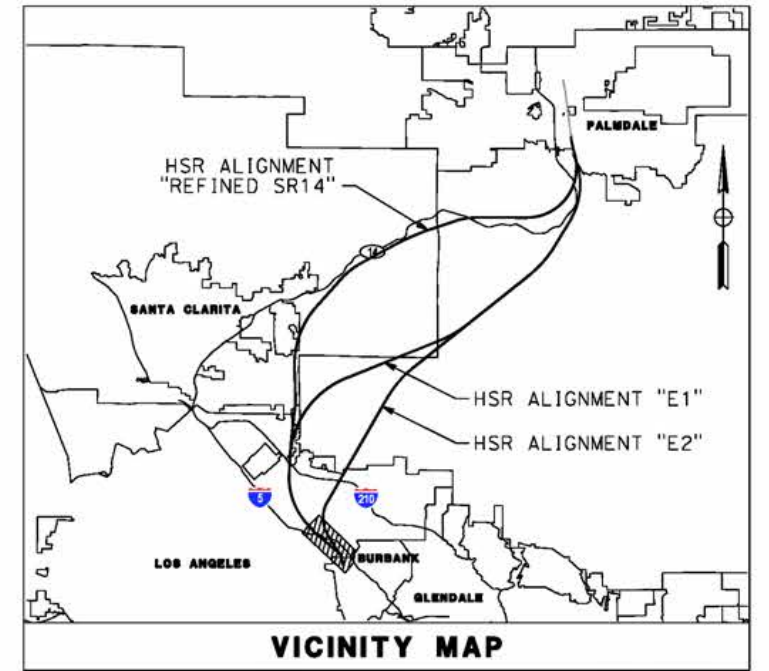
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HSR14-42
DRAWING NO.
CV-B0003-E1
SCALE
AS SHOWN
SHEET NO.

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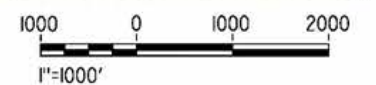
5/23/2021 9:41:59 PM

cordo

LEGEND:
 ROADWAY PLAN
 GRADE SEPARATION PLAN



E1



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**



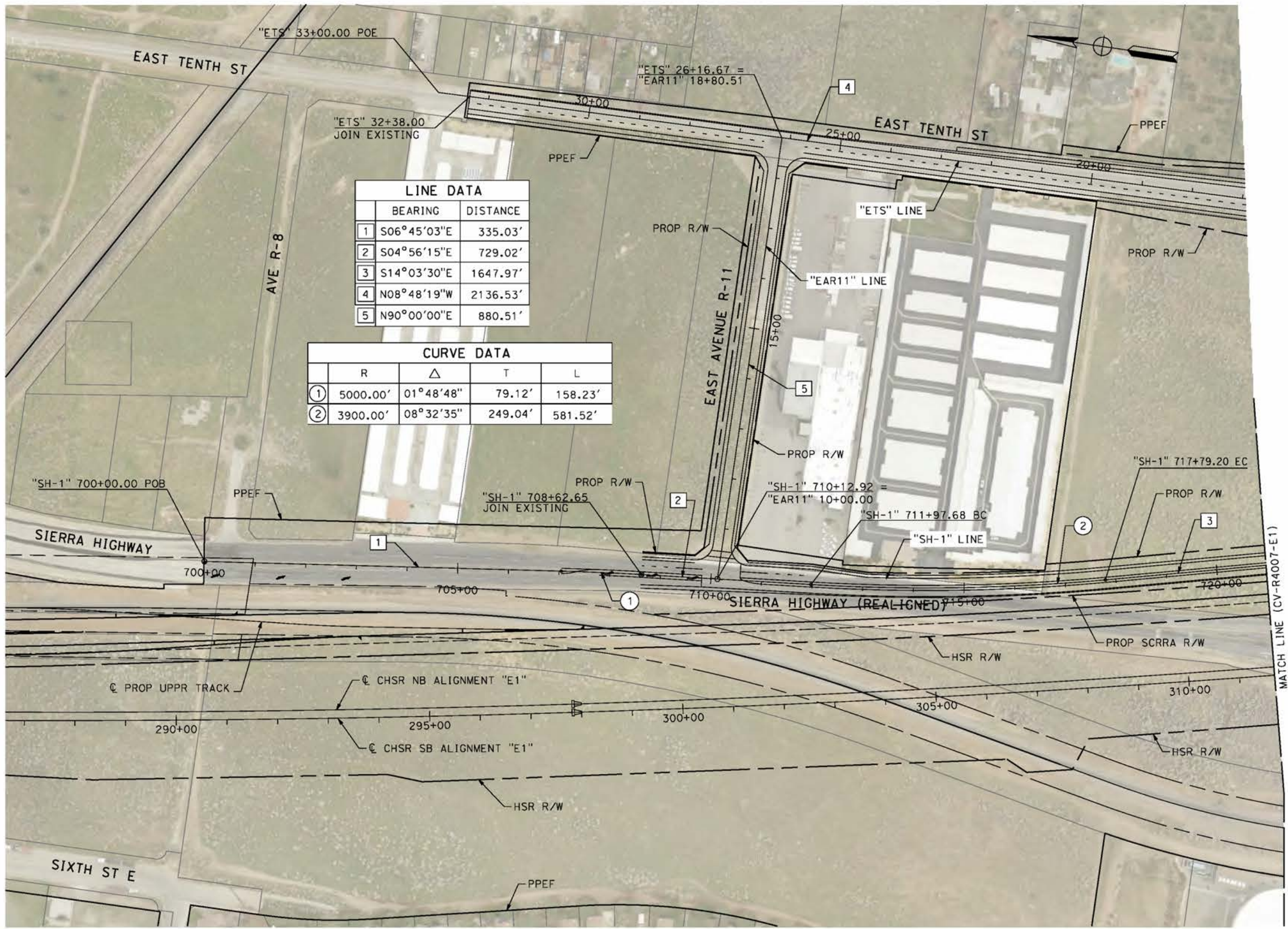
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 ROADWAY AND GRADE SEPARATION PLAN
 KEY MAP
 SHEET 4 OF 4

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
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



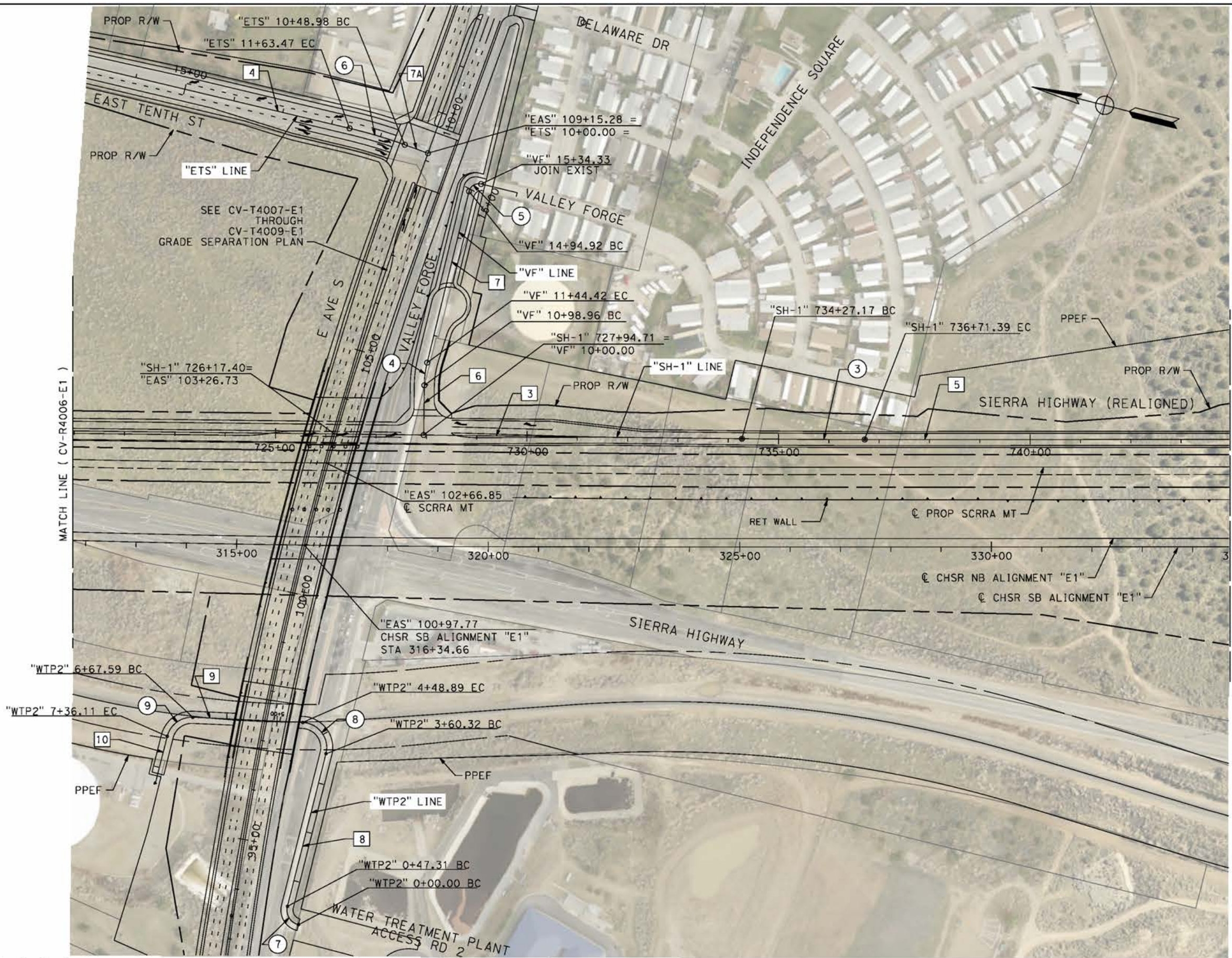
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1"
SHEET 1 OF 4

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

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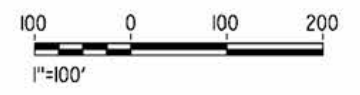
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cordo



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

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



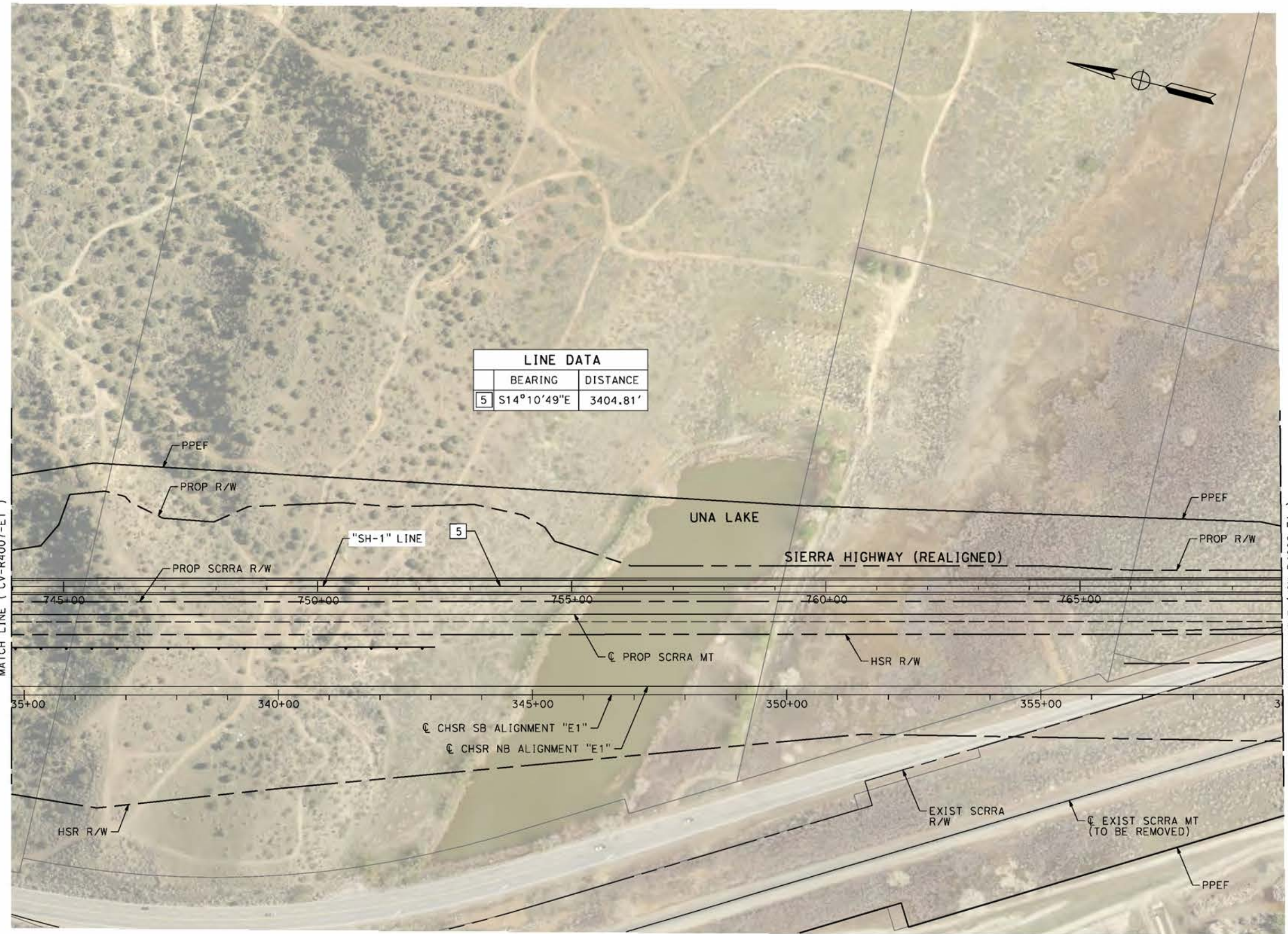
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1" AND WATER TREATMENT PLANT
ACCESS RD 2 - SHEET 2 OF 4

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

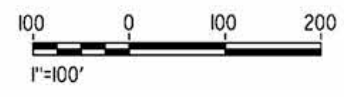
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5/9/2021 6:43:21 AM

cordo



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



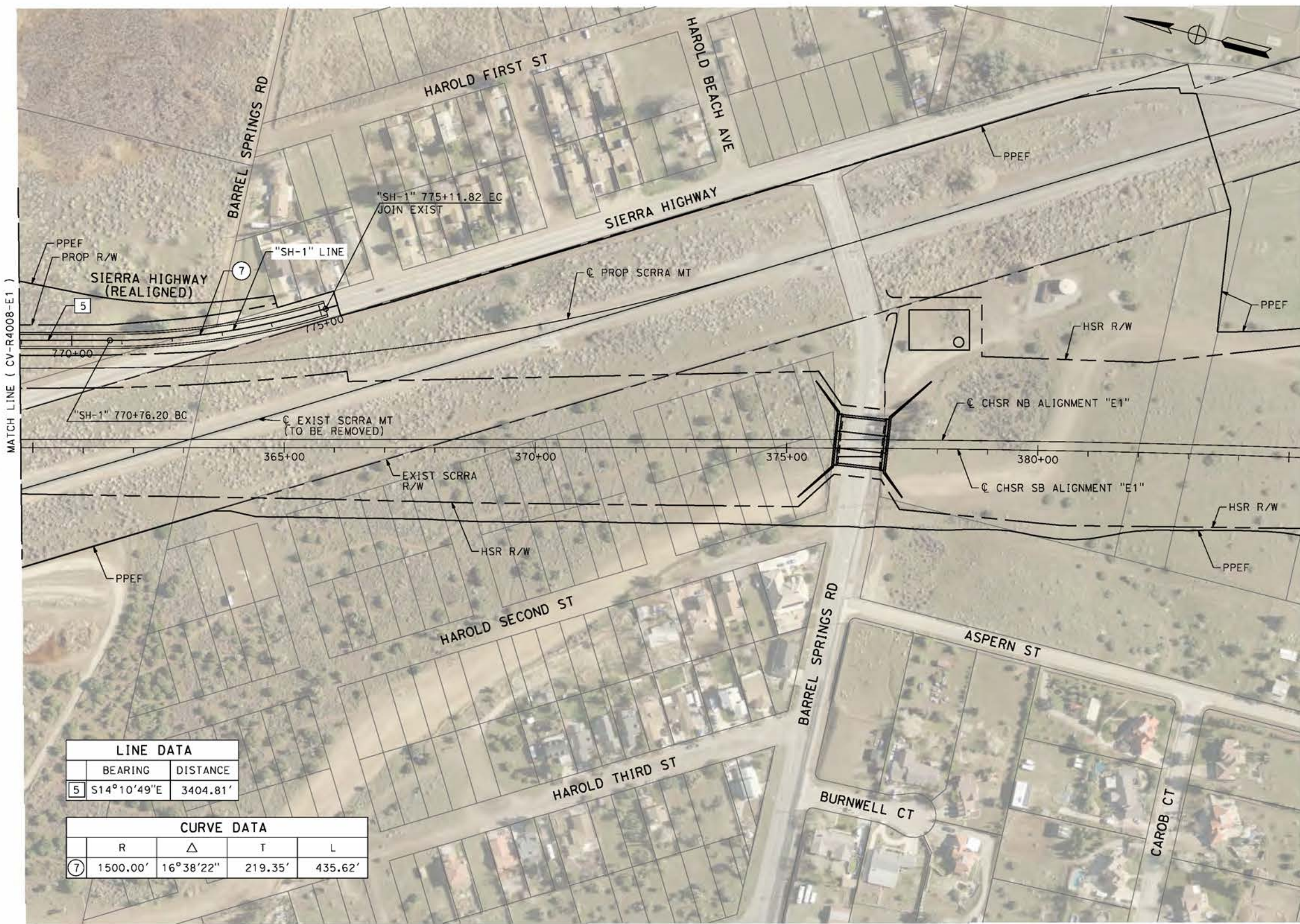
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1"
SHEET 3 OF 4

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4008-E1
SCALE
AS SHOWN
SHEET NO.

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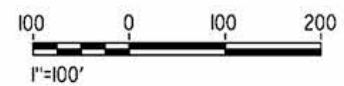
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cordo



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
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 4 OF 4

CONTRACT NO.
HSR14-42

DRAWING NO.
CV-R4009-E1

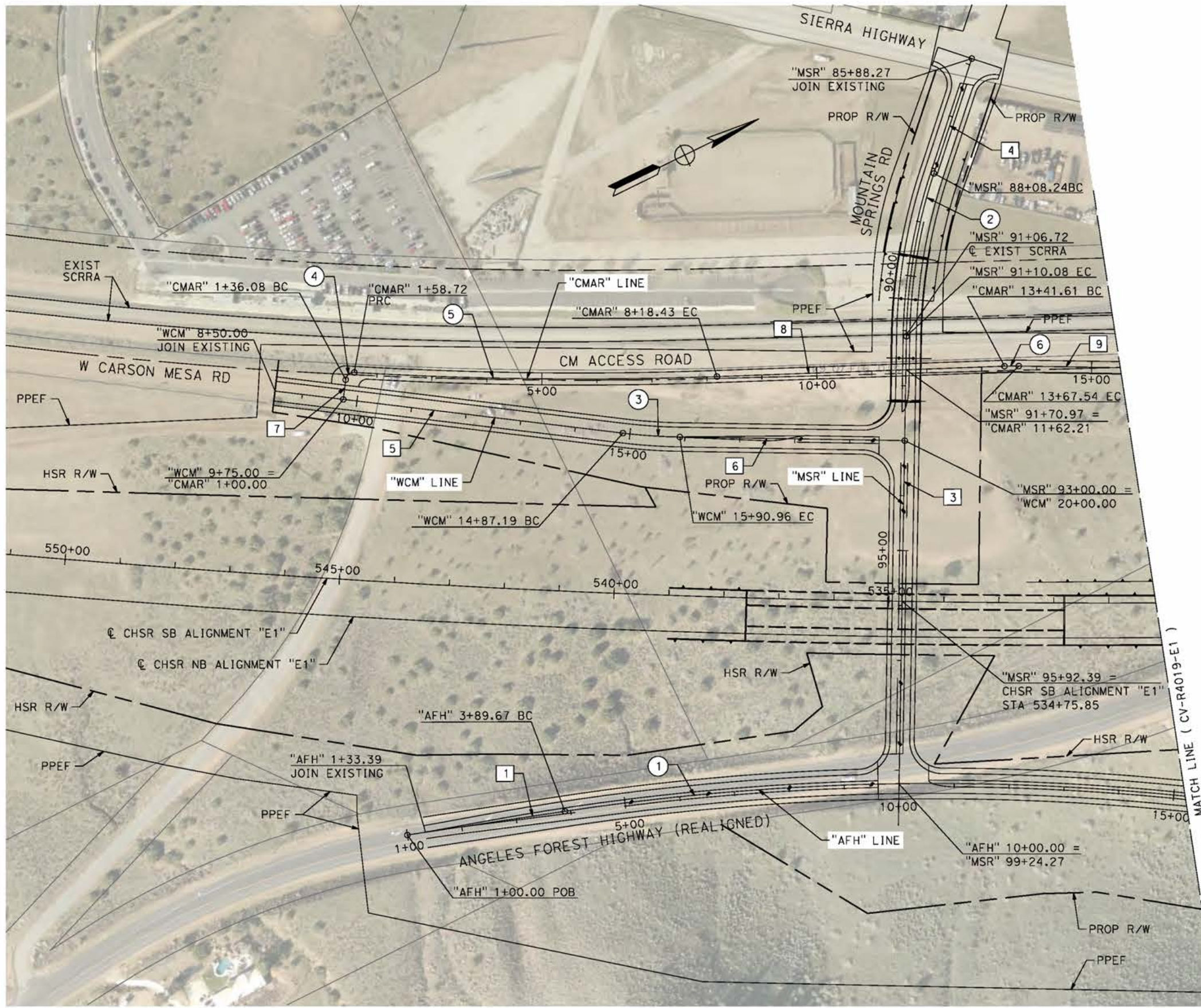
SCALE
AS SHOWN

SHEET NO.

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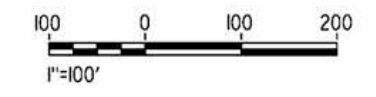
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cordo



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



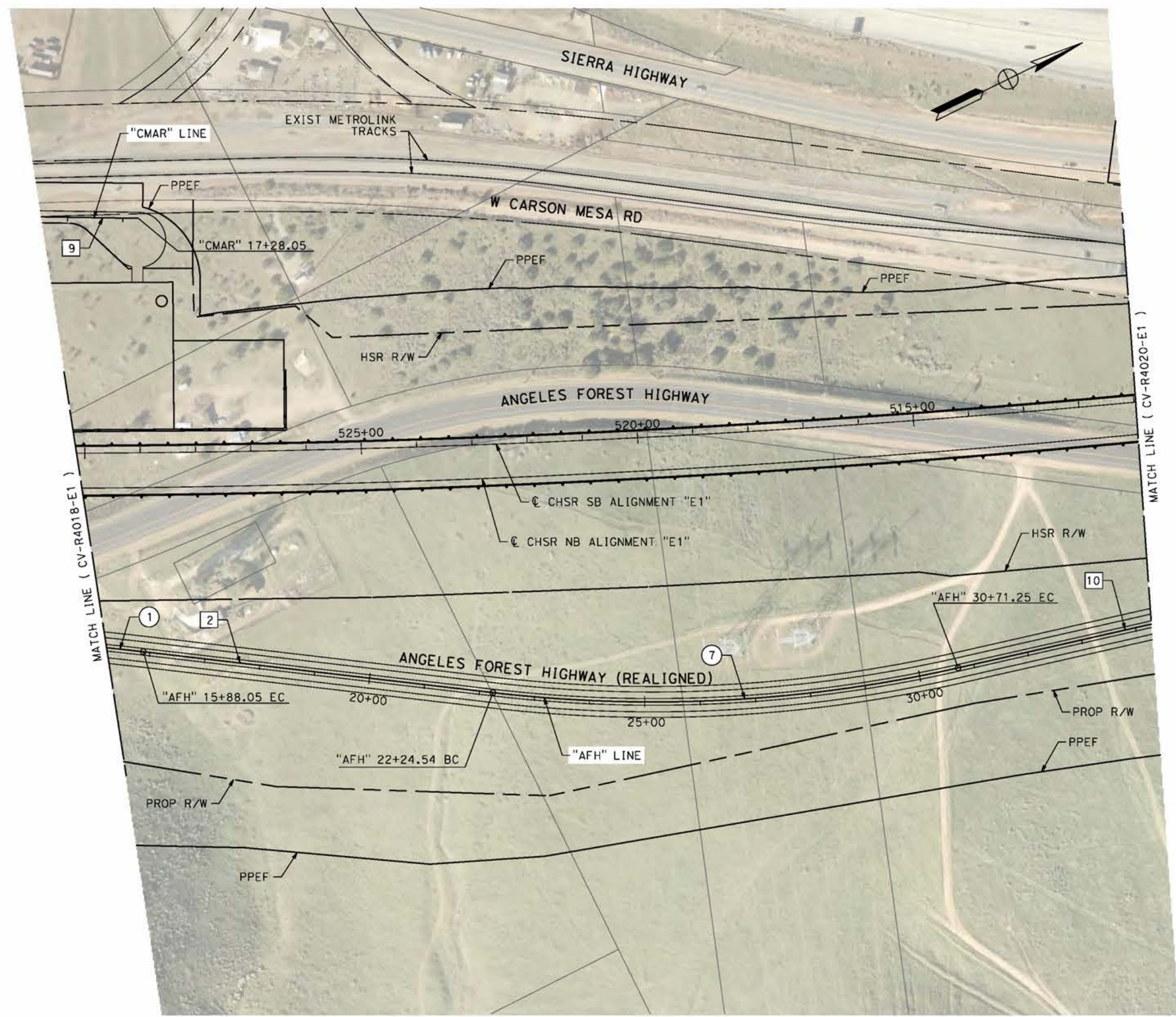
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PLAN
ANGELES FOREST HIGHWAY, W CARSON MESA ROAD
AND MOUNTAIN SPRINGS ROAD

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

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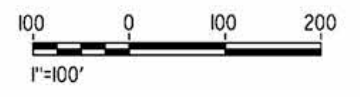
5/9/2021 7:34:37 AM

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



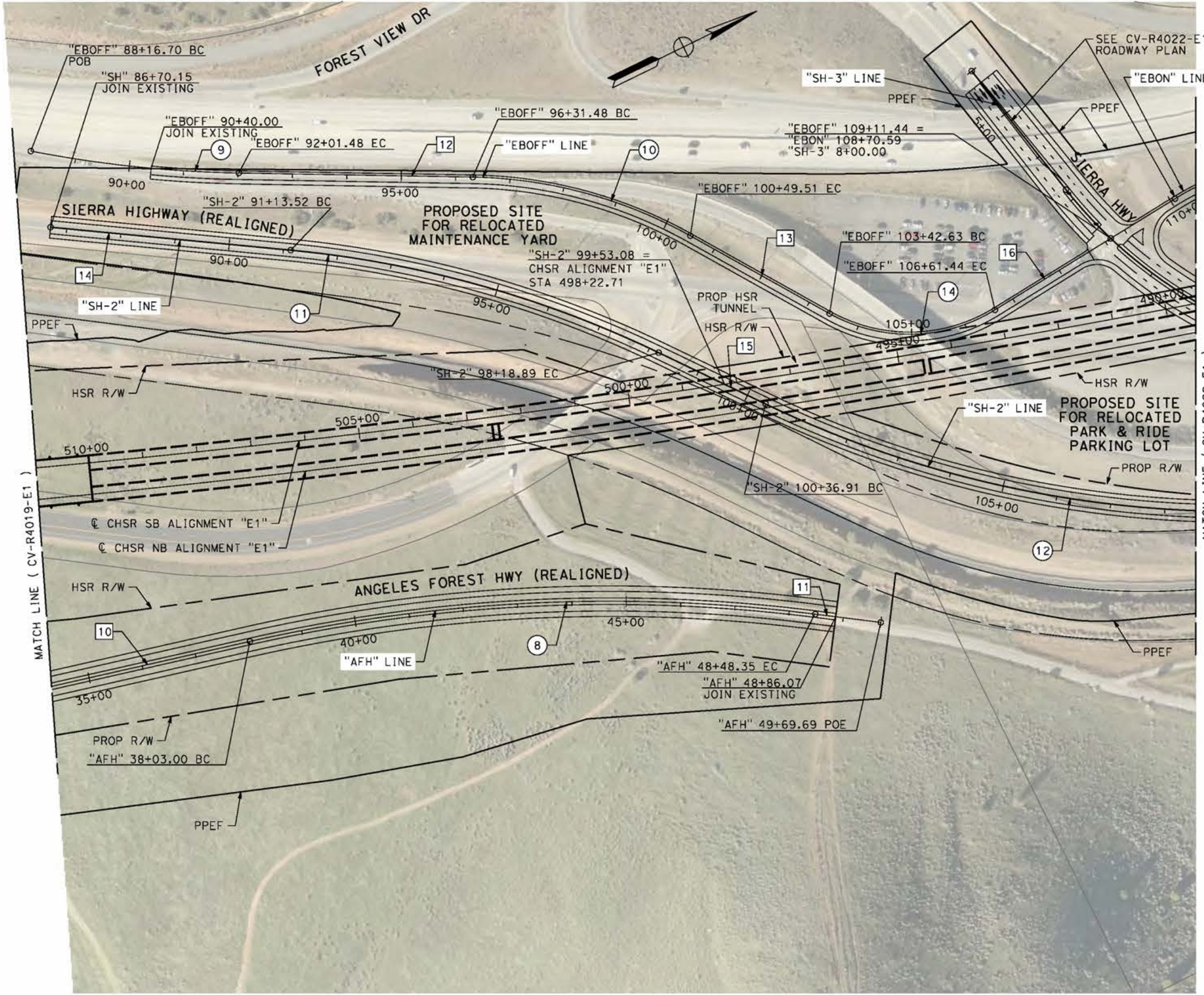
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PLAN
ANGELES FOREST HIGHWAY

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

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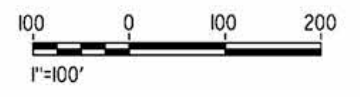
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cordo



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

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 AND ROUTE 14 EB OFF-RAMP

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

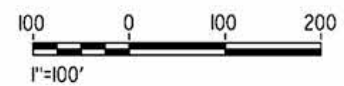
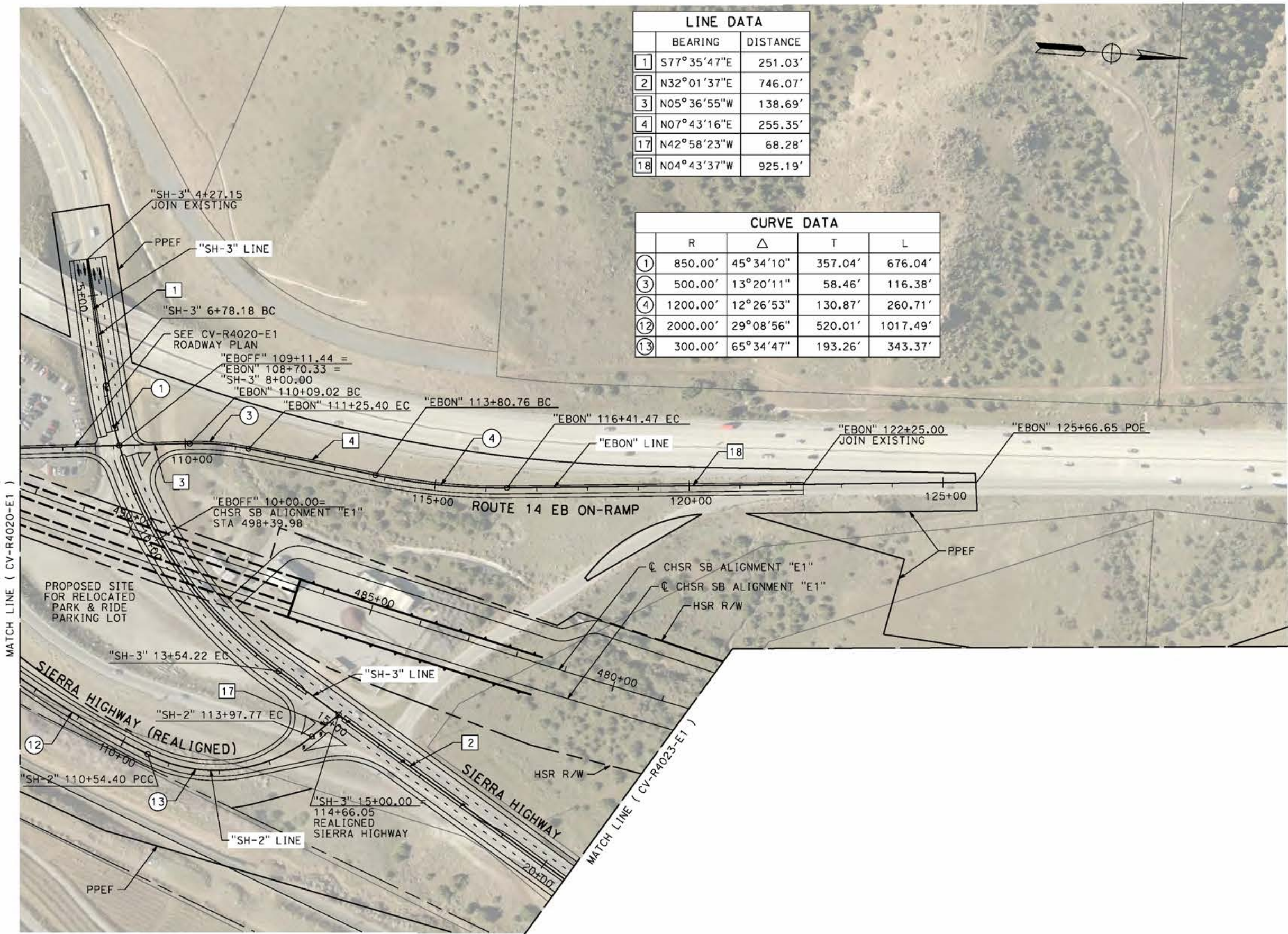
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5/9/2021 7:47:26 AM

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



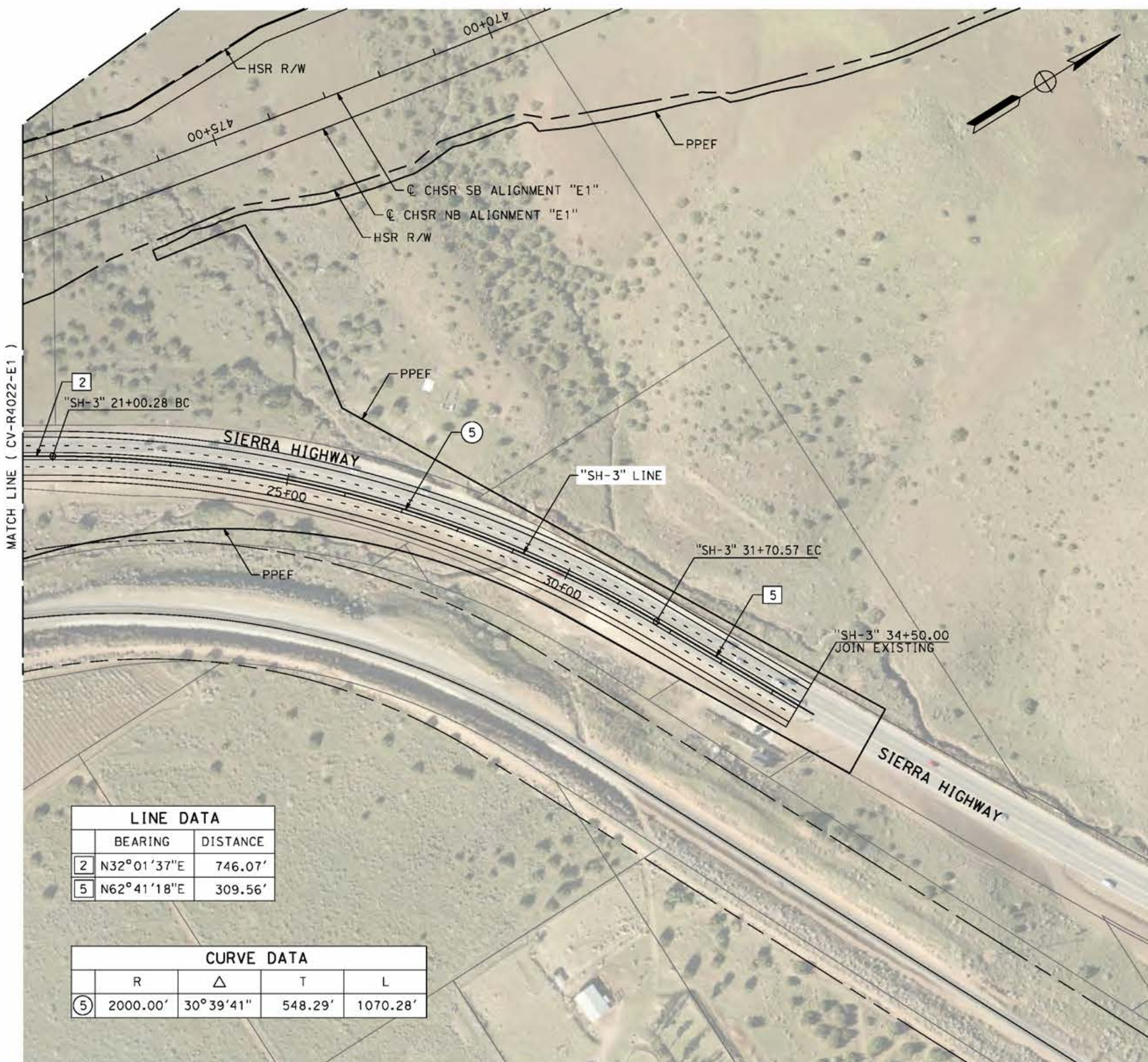
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PLAN
SIERRA HIGHWAY "SH-2" AND ROUTE 14 EB ON-RAMP

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

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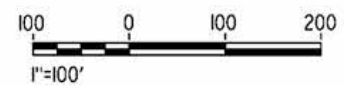
5/9/2021 7:53:57 AM

cordo



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'



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-3"

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

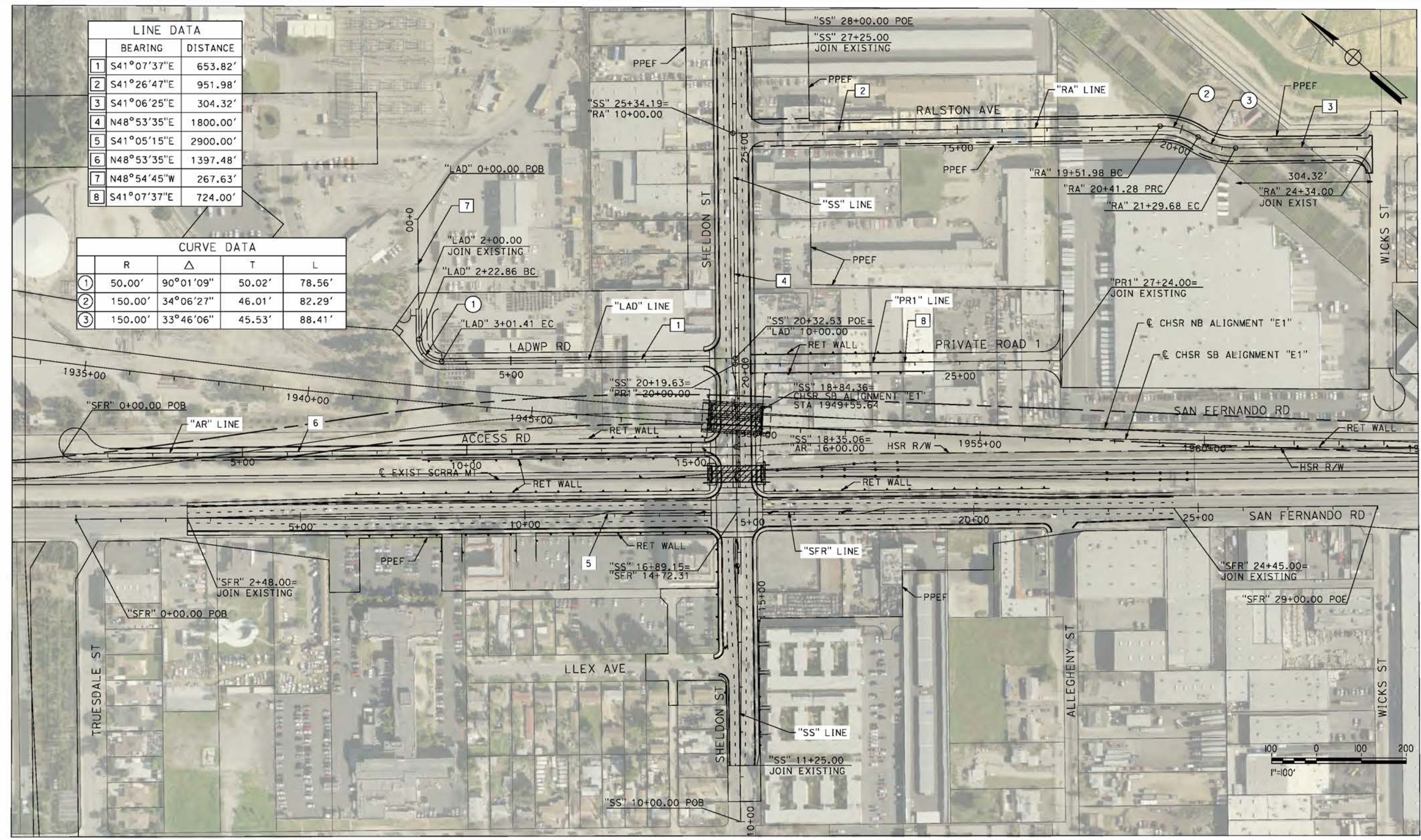
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5/23/2021 9:57:03 PM

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

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



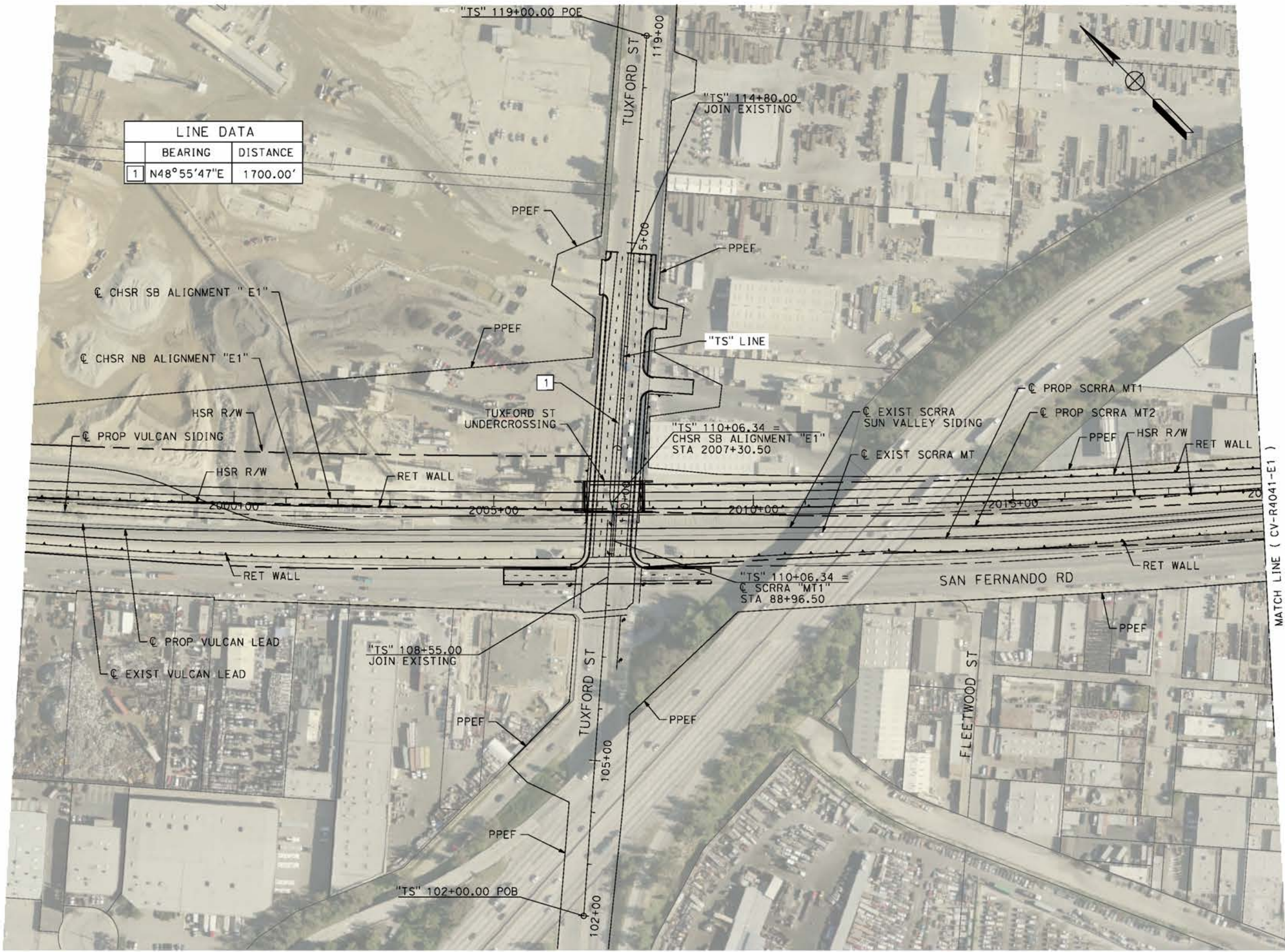
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PLAN
SHELDON ST, PRIVATE RD 1, RALSTON AVE, LADWP RD
AND ACCESS RD

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

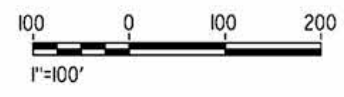
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cordo



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.

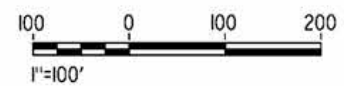
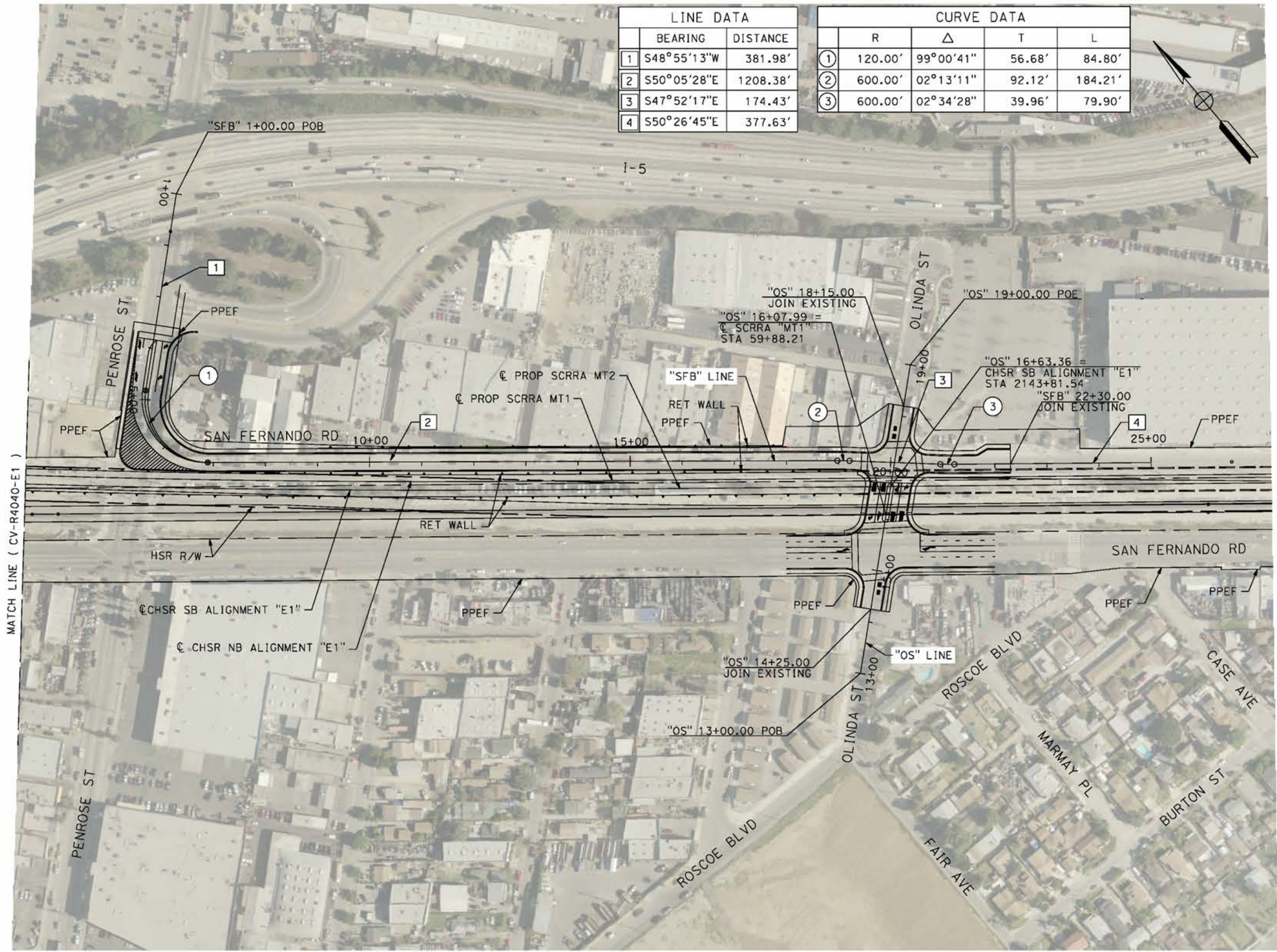
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5/27/2021 5:04:16 PM

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



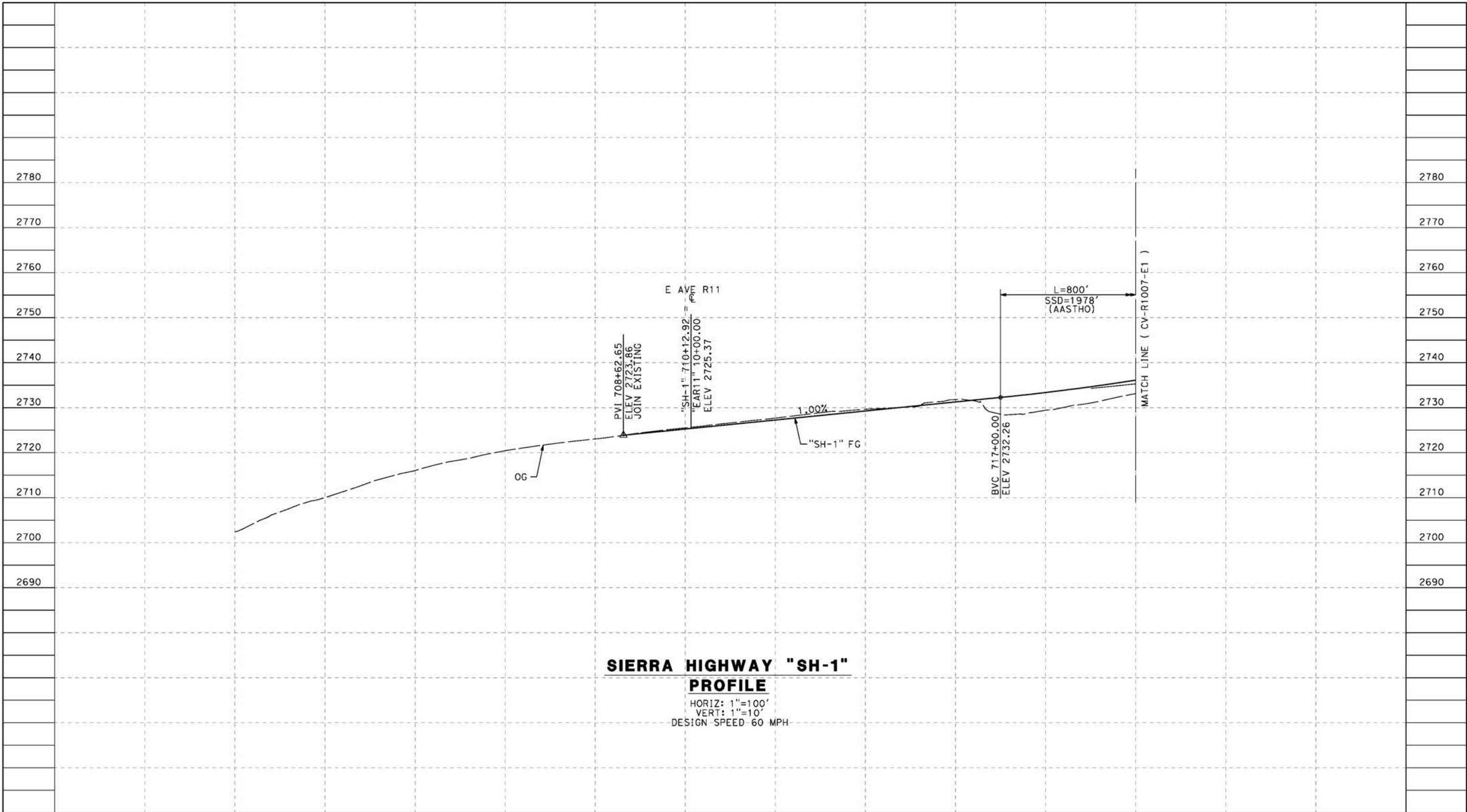
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PLAN
OLINDA ST AND SAN FERNANDO RD

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



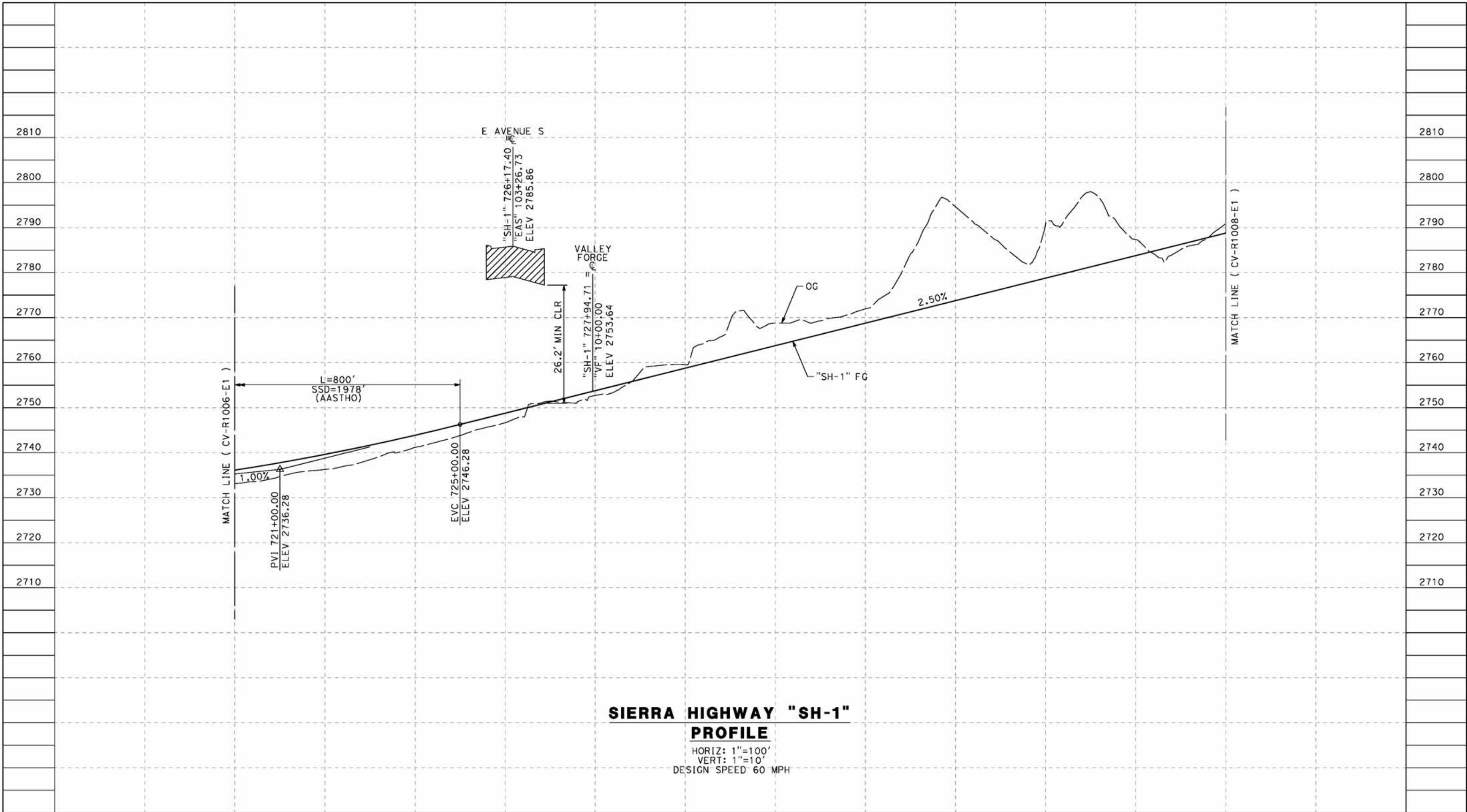
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 ROADWAY PROFILE
 SIERRA HIGHWAY "SH-1"
 SHEET 1 OF 4

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

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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**



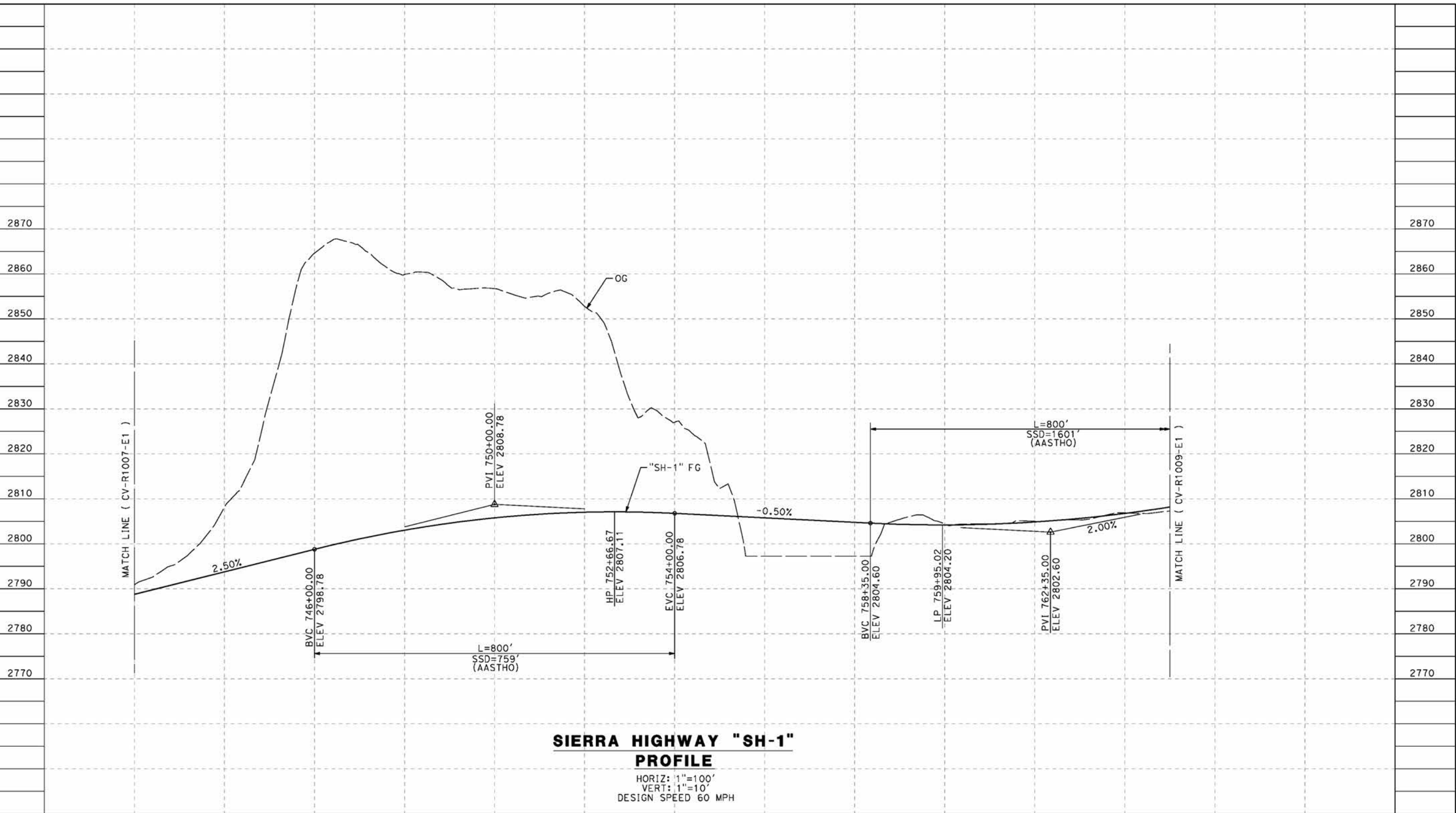
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-1"
SHEET 2 OF 4

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

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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													

REV	DATE	BY	CHK	APP	DESCRIPTION

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**



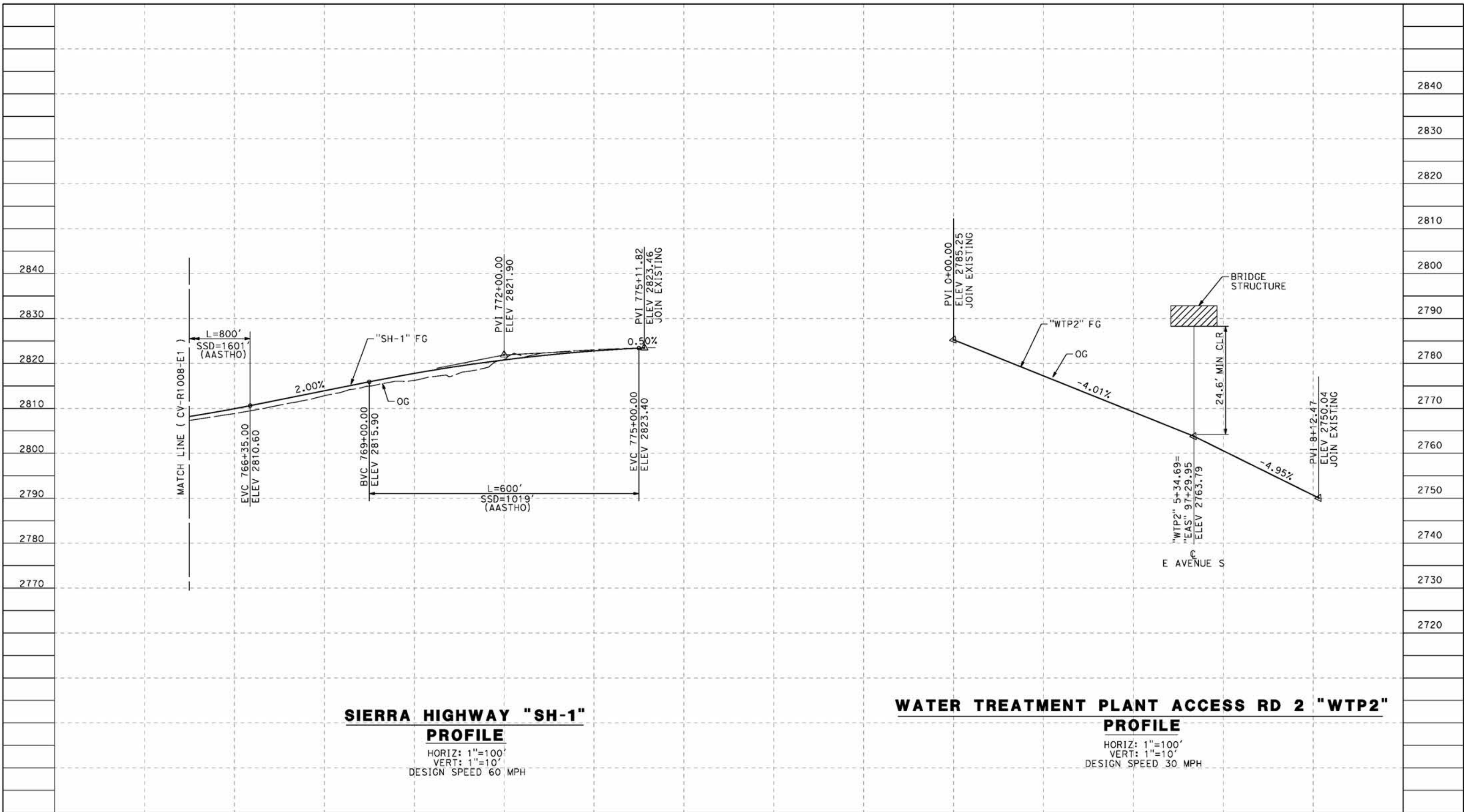
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 SIERRA HIGHWAY
 ROADWAY PROFILE "SH-1"
 SHEET 3 OF 4

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

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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
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**

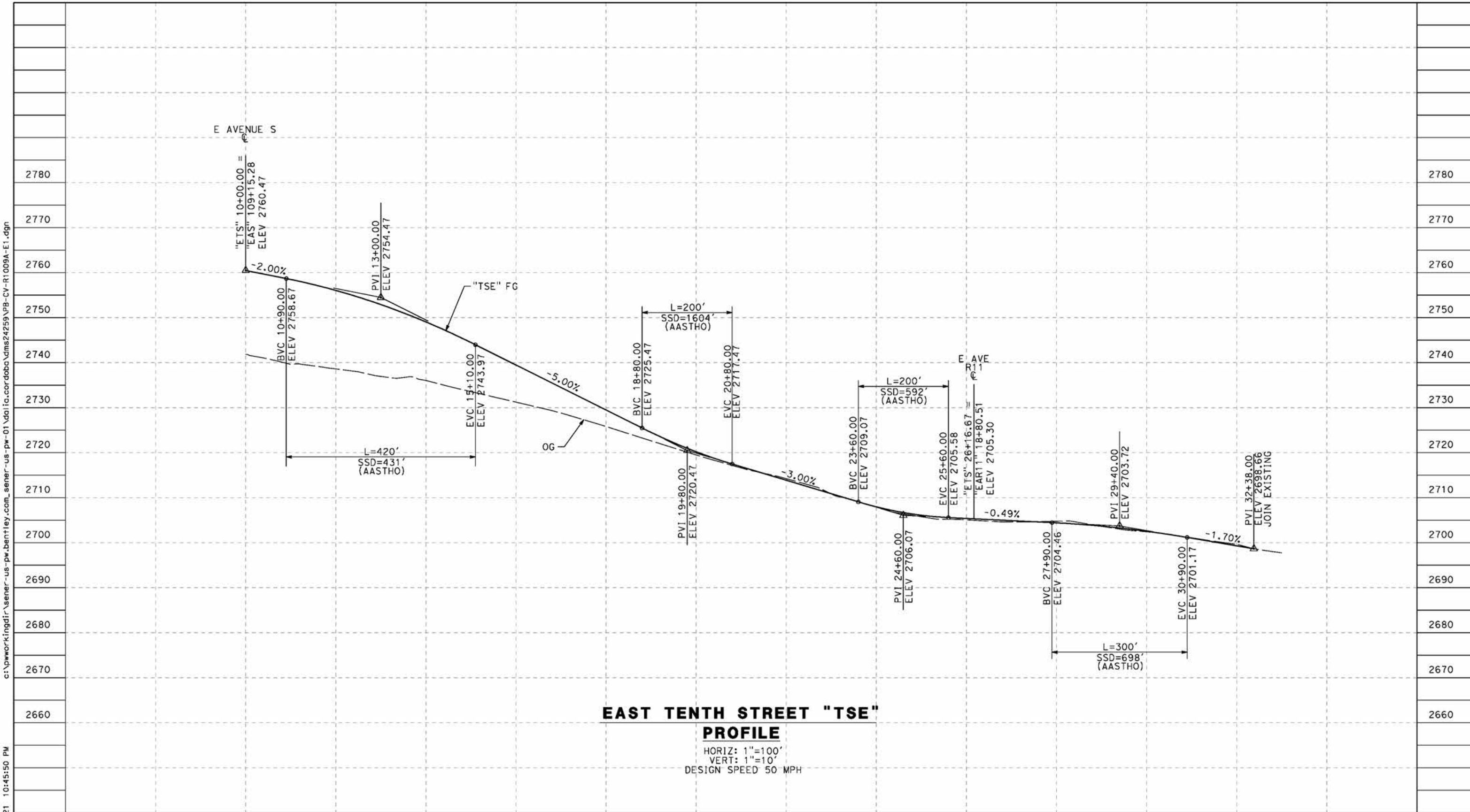


**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
SIERRA HIGHWAY
ROADWAY PROFILE "SH-1" AND WATER TREATMENT PLANT
ACCESS RD 2 - SHEET 4 OF 4

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

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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
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**



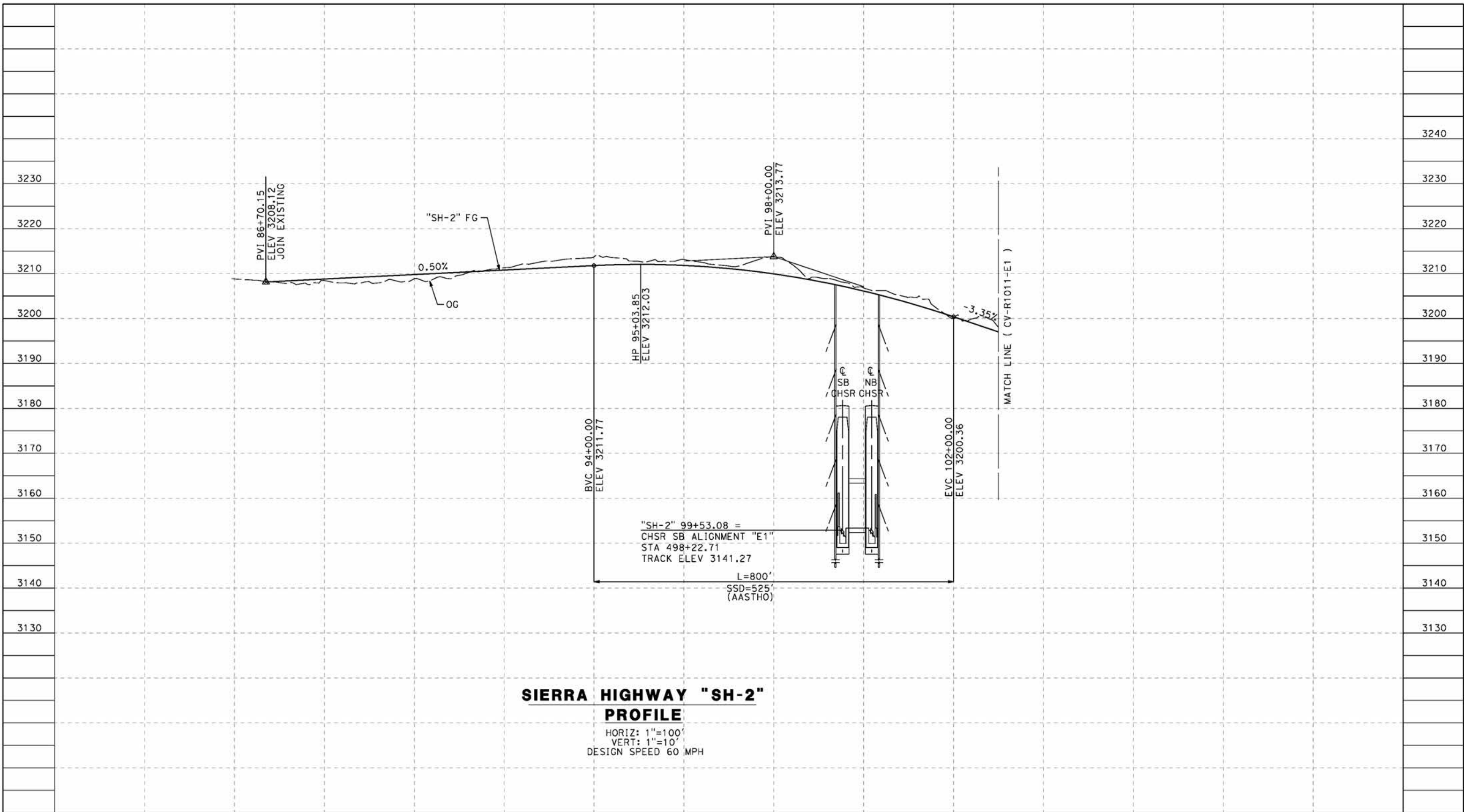
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 ROADWAY PROFILE
 EAST TENTH STREET

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
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**



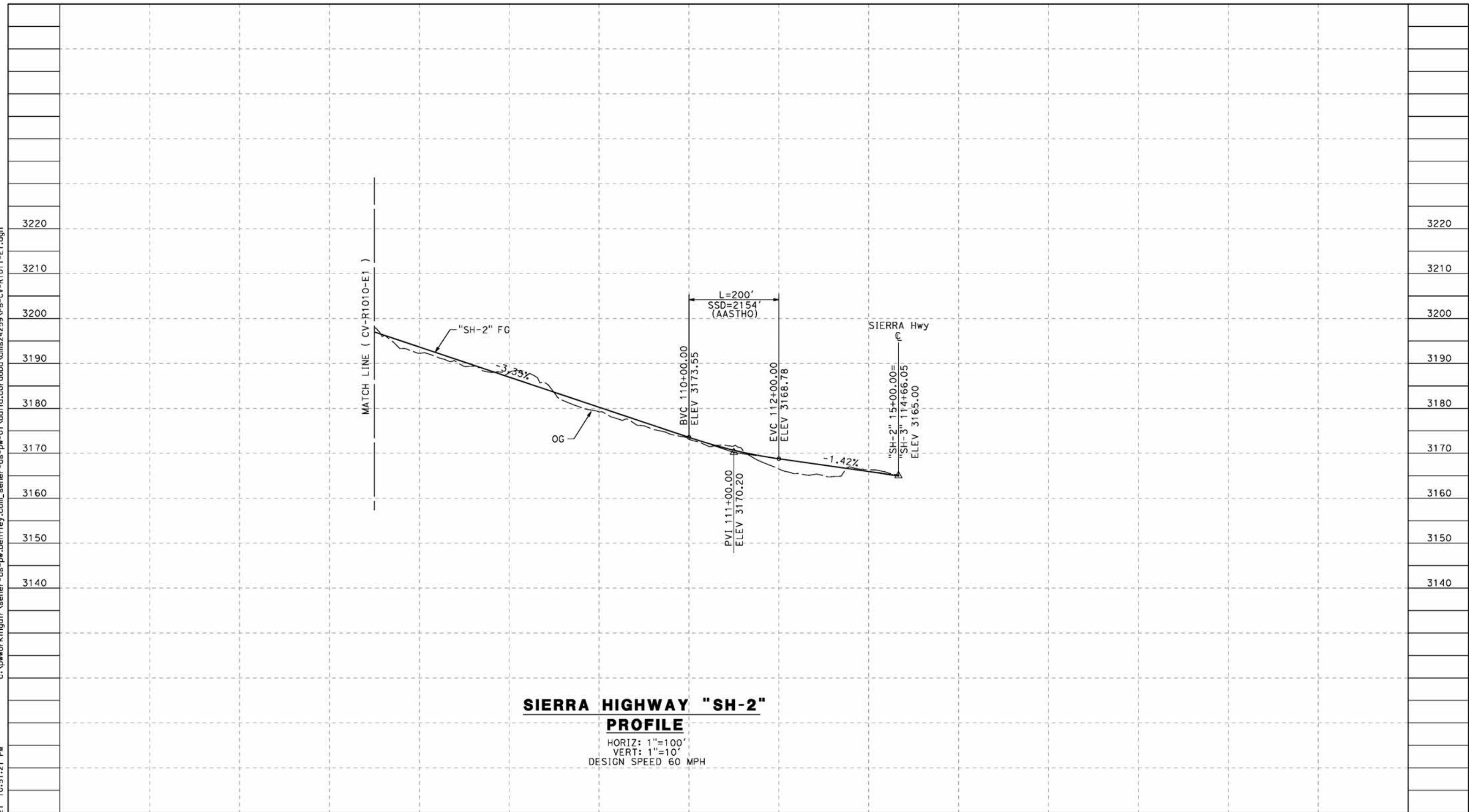
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-2"
SHEET 1 OF 2

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

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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
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

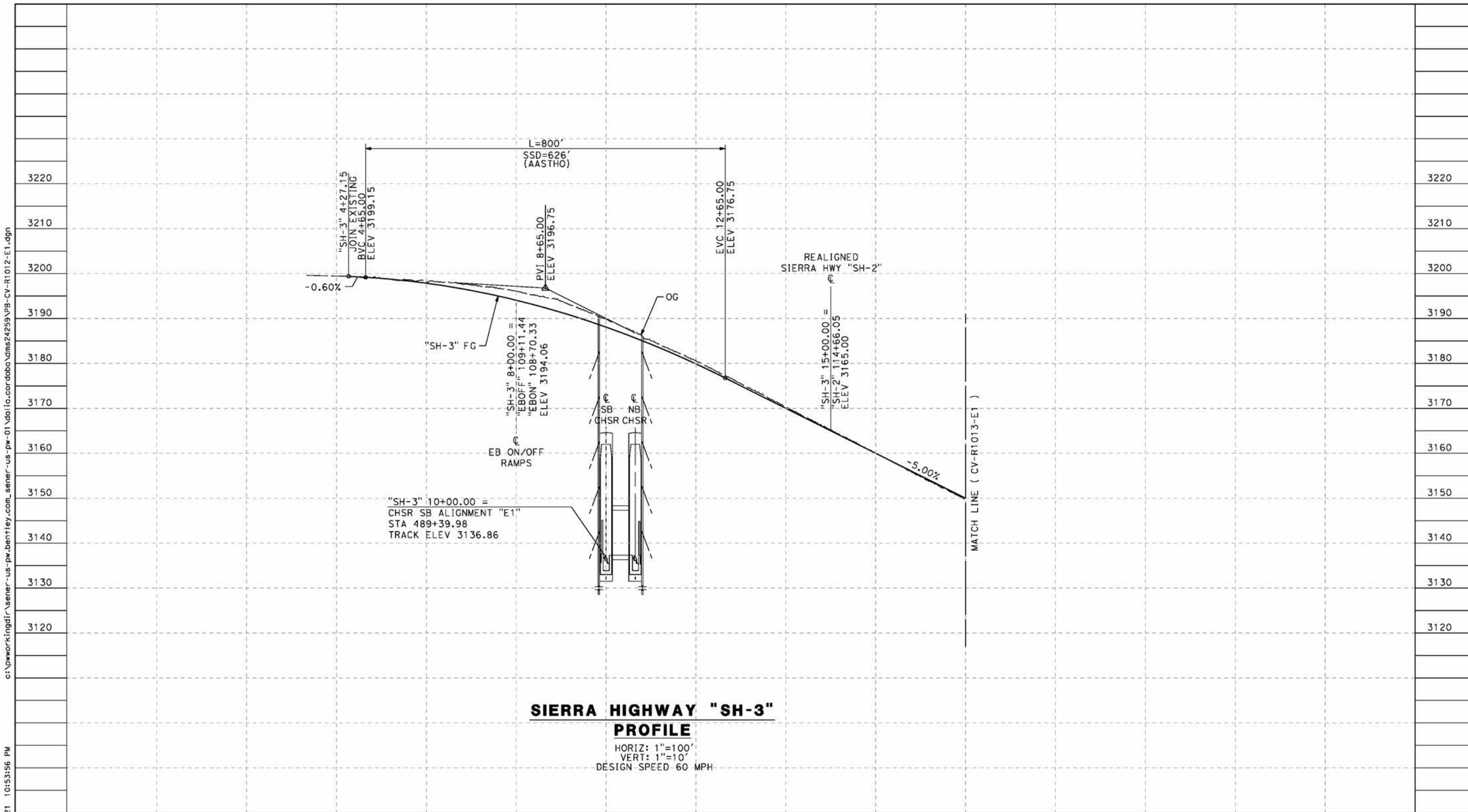
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1011-E1
SCALE
AS SHOWN
SHEET NO.

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
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

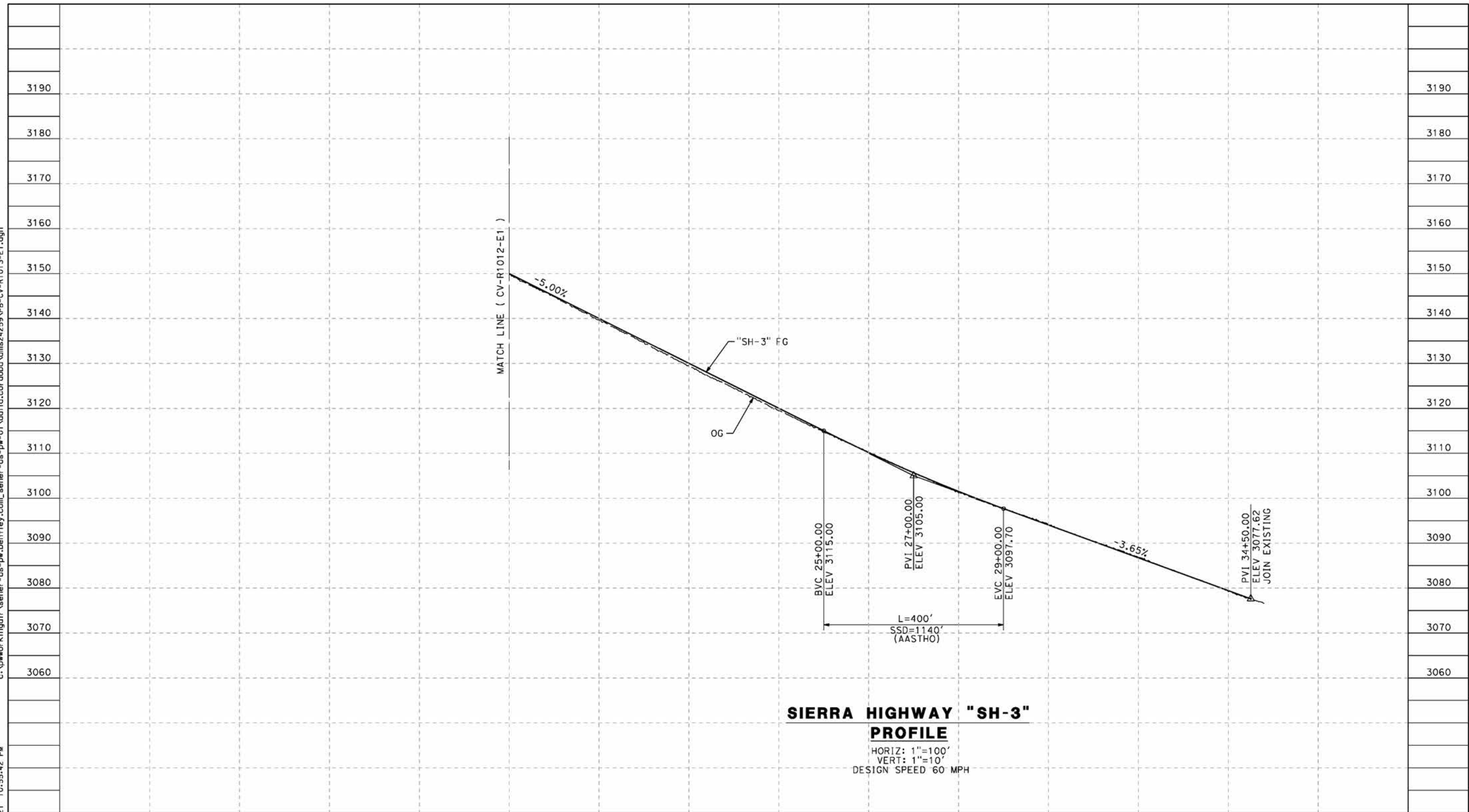
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1012-E1
SCALE
AS SHOWN
SHEET NO.

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
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**



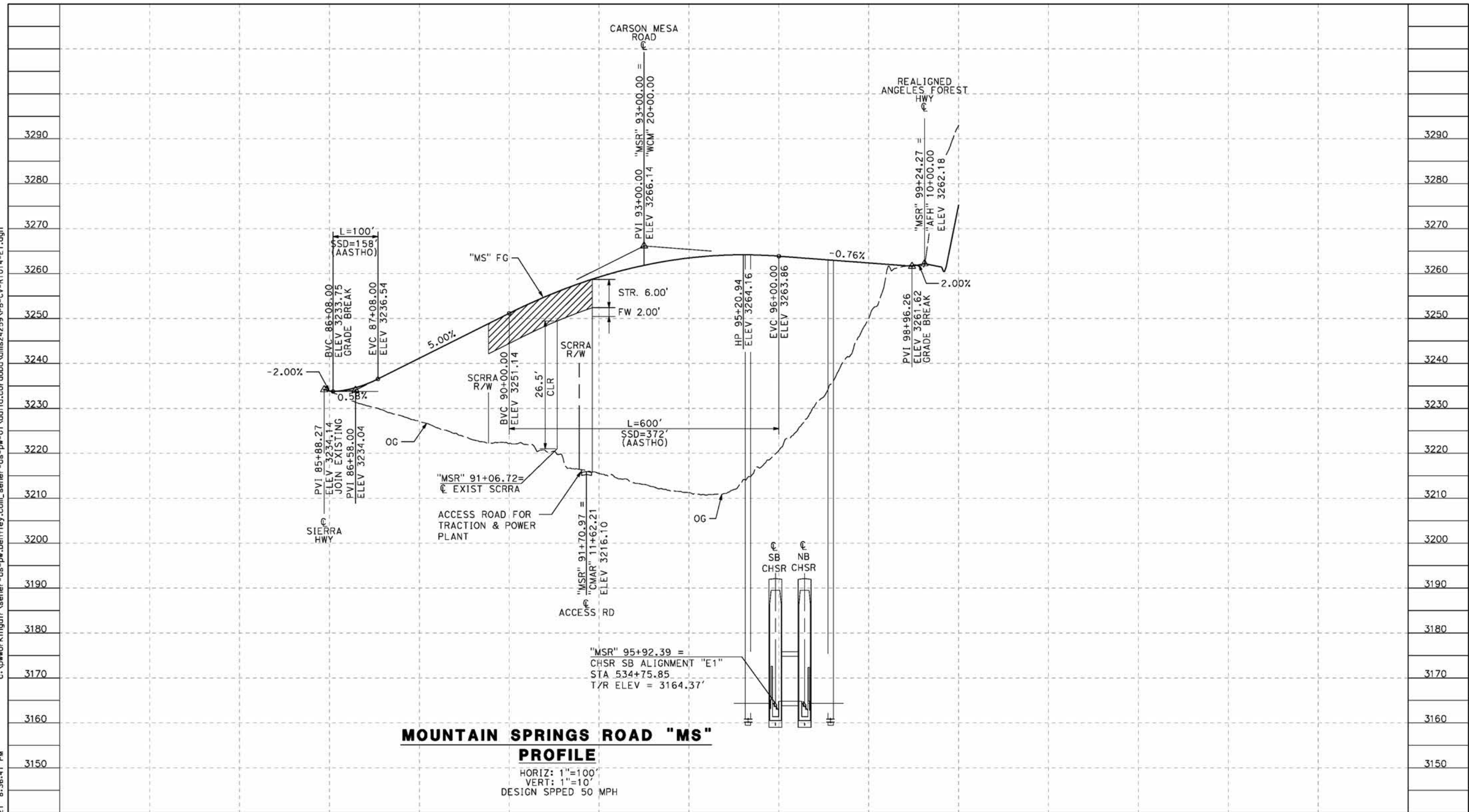
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-3"
SHEET 2 OF 2

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

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cordo



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
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**



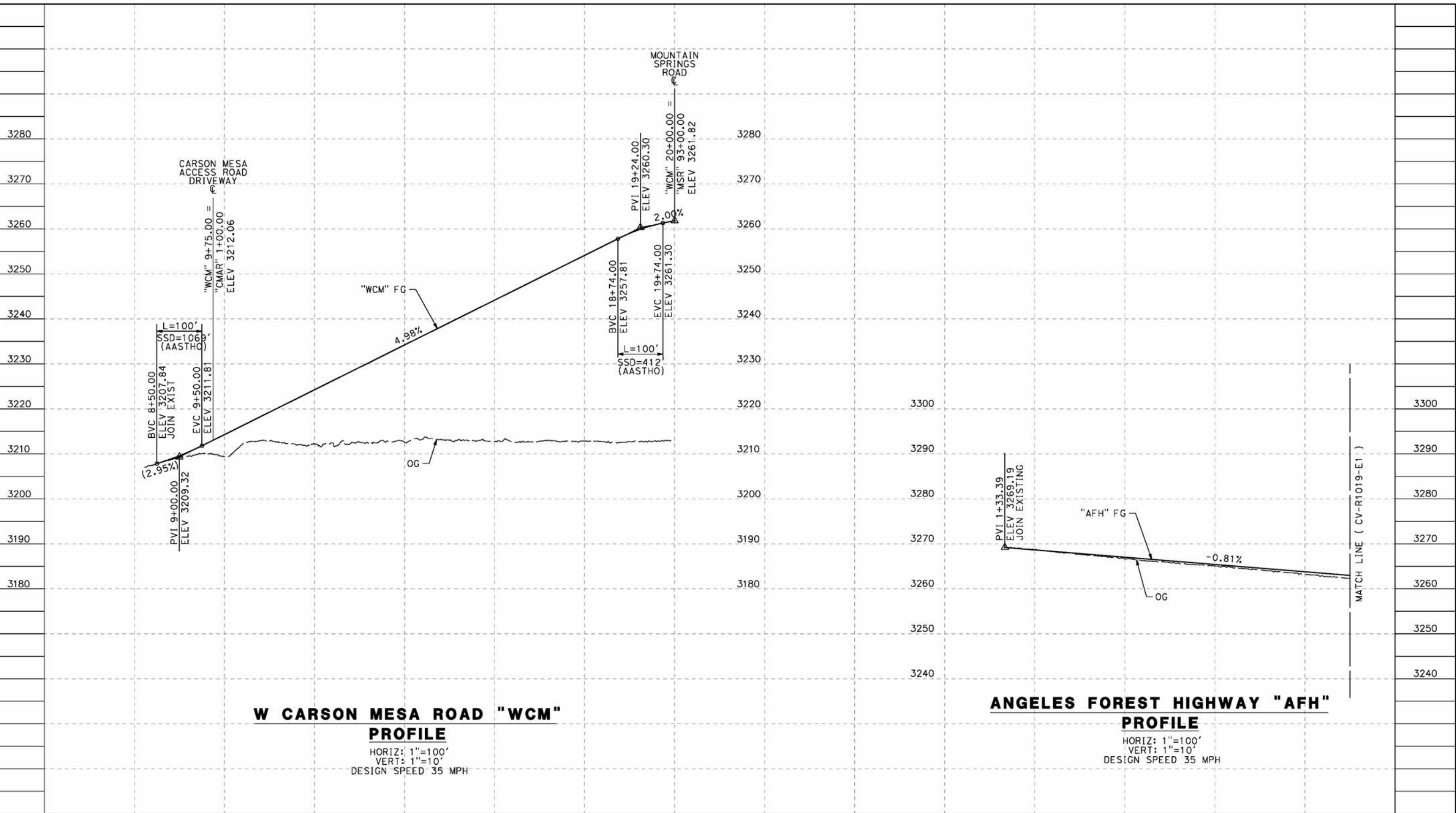
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 ROADWAY PROFILE
 MOUNTAIN SPRINGS ROAD

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

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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
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
ANGELES FOREST HIGHWAY AND W CARSON MESA ROAD

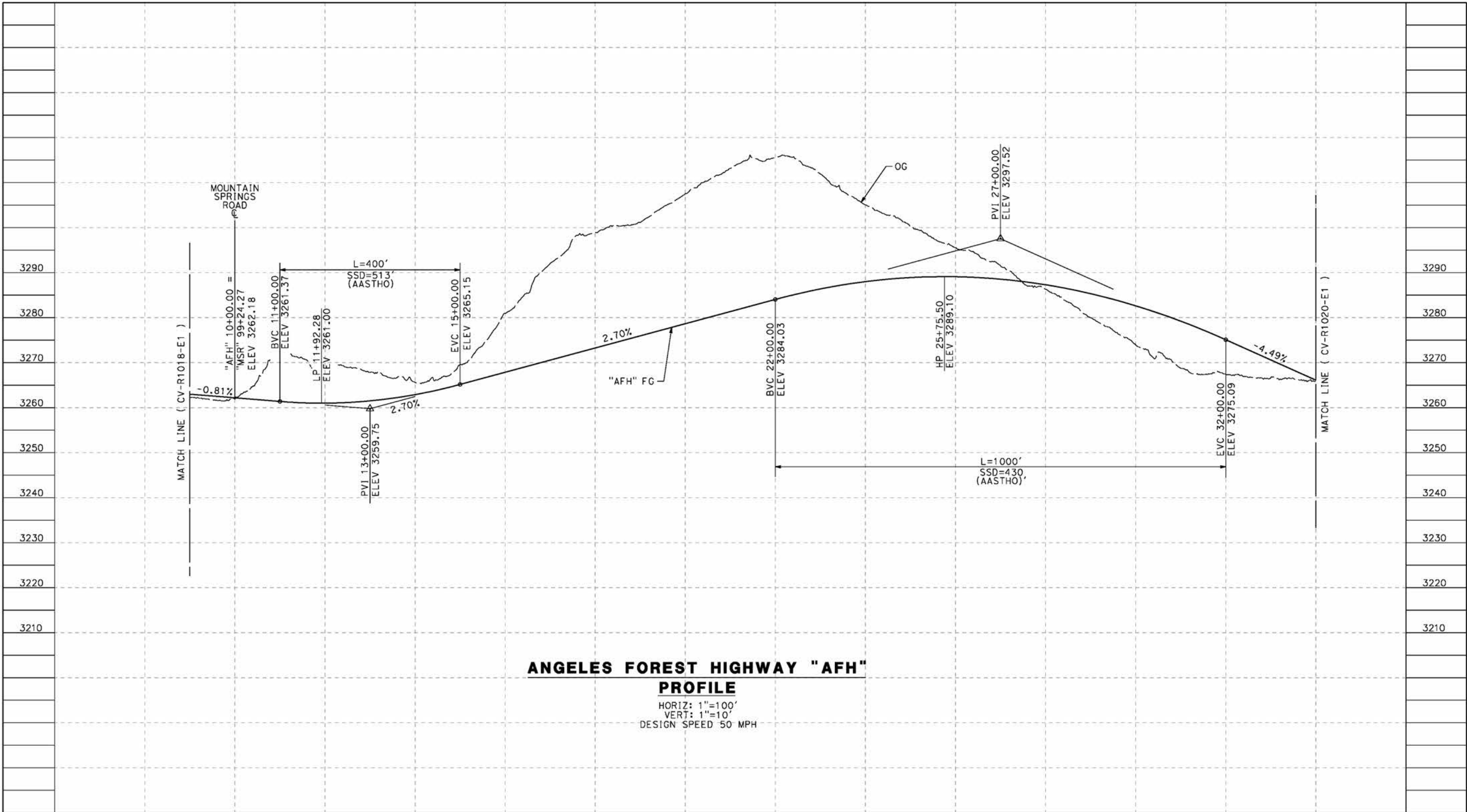
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1018-E1
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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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
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



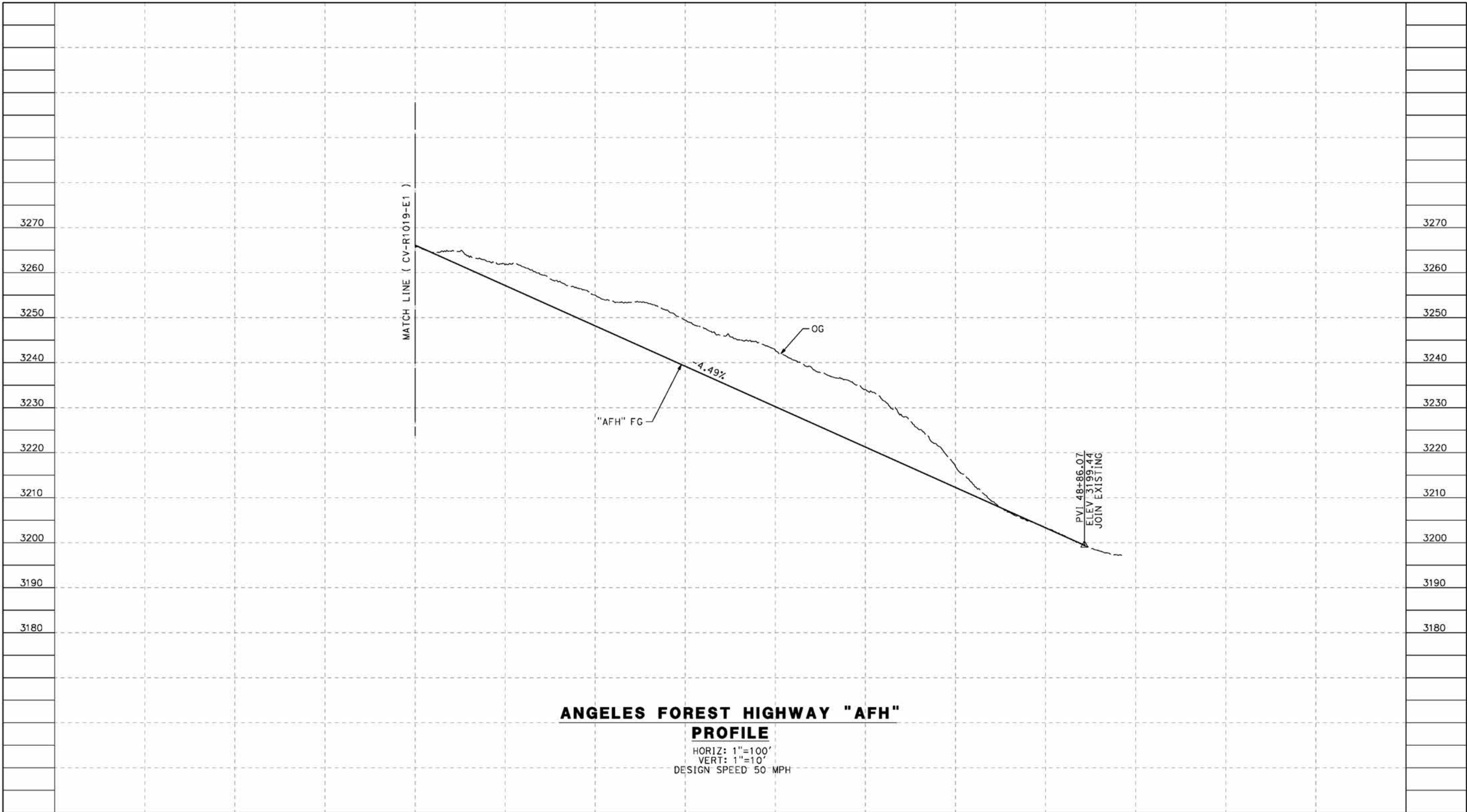
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 ROADWAY PROFILE
 ANGELES FOREST HIGHWAY
 SHEET 1 OF 2

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

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5/23/2021 11:10:36 PM

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**



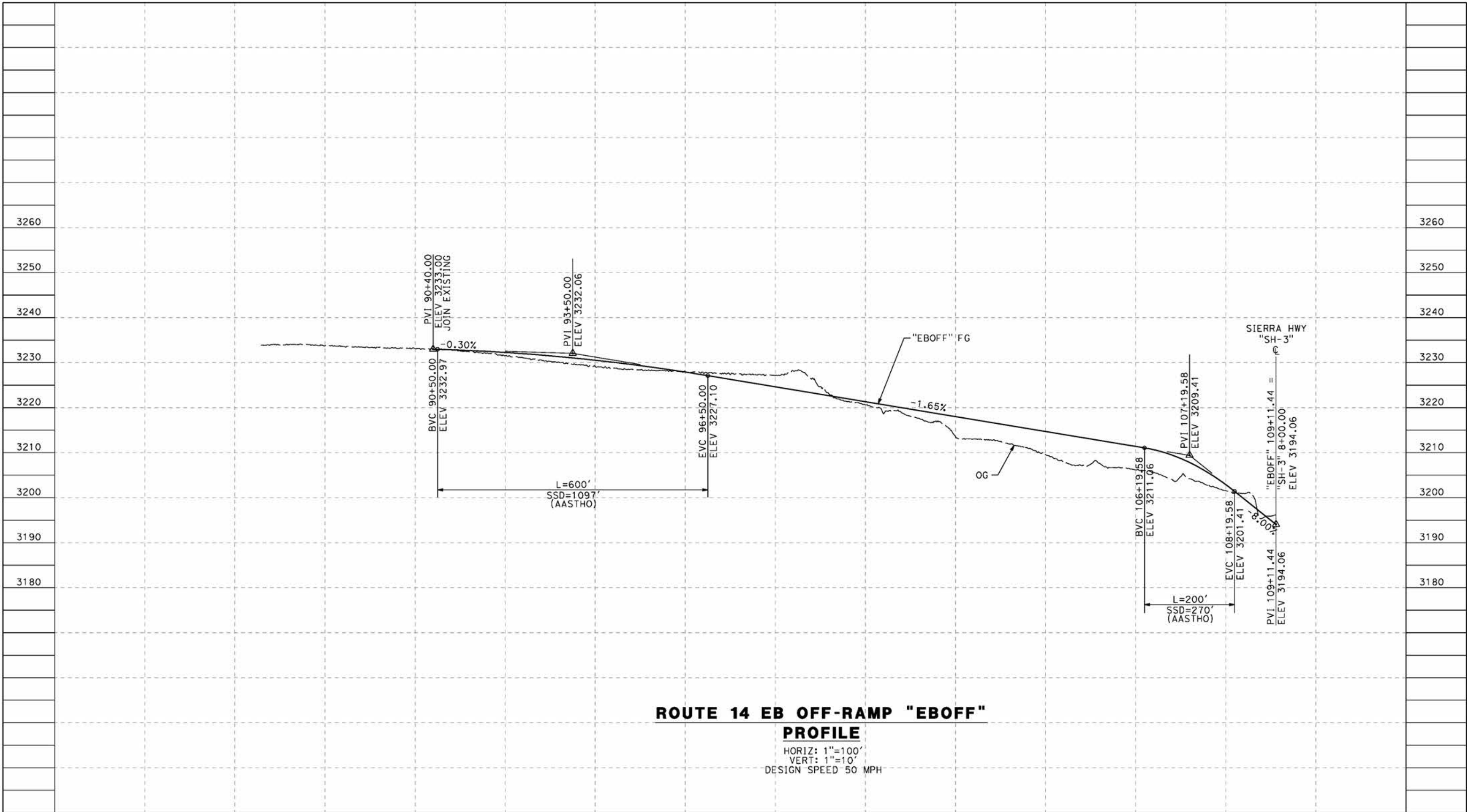
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 ROADWAY PROFILE
 ANGELES FOREST HIGHWAY
 SHEET 2 OF 2

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															

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**



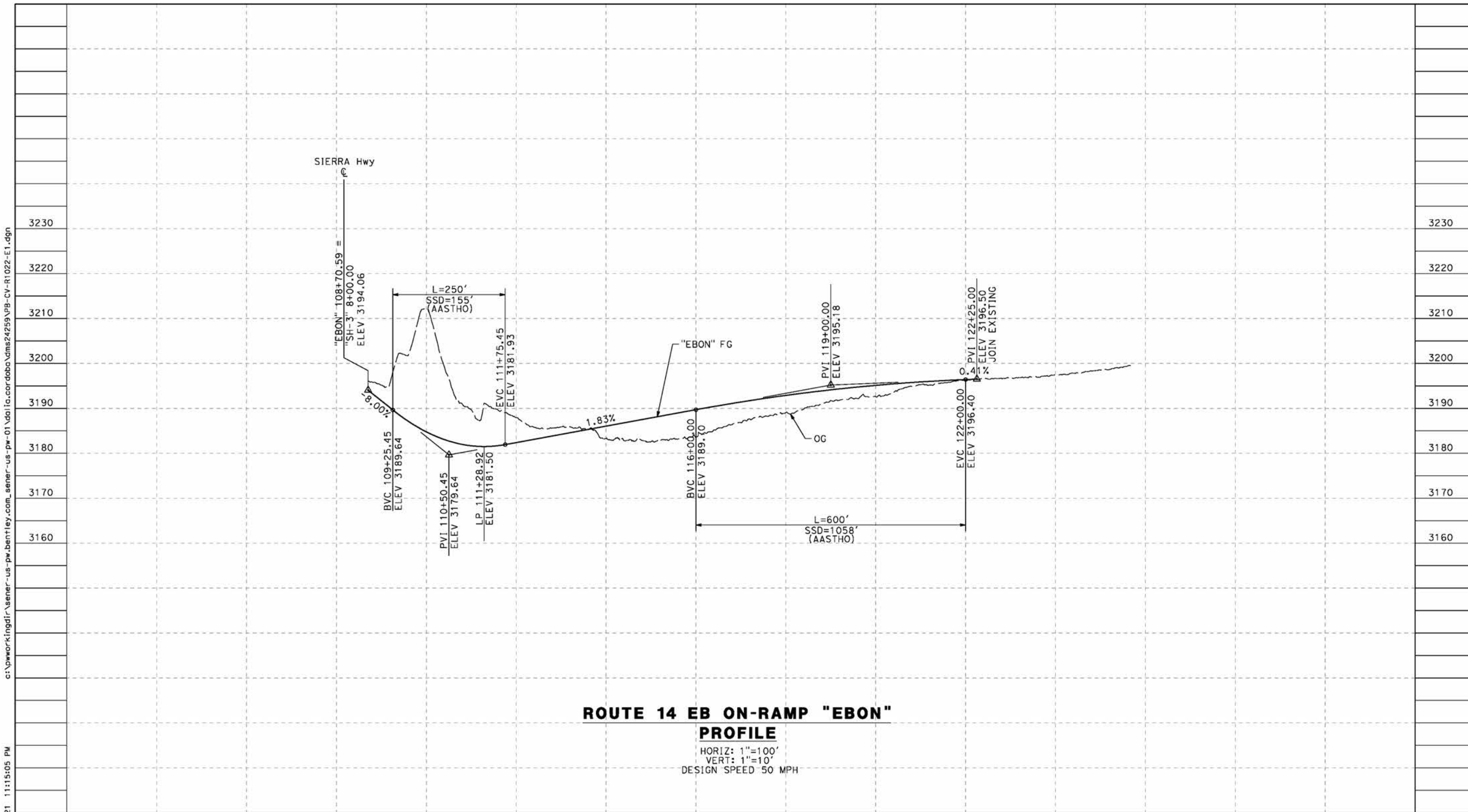
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ROADWAY PROFILE
ROUTE 14 EB OFF-RAMP

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

ct:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\do\fa\cordoba\dms24259\VPB-CV-R1022-E1.dgn

5/23/2021 11:15:05 PM

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
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



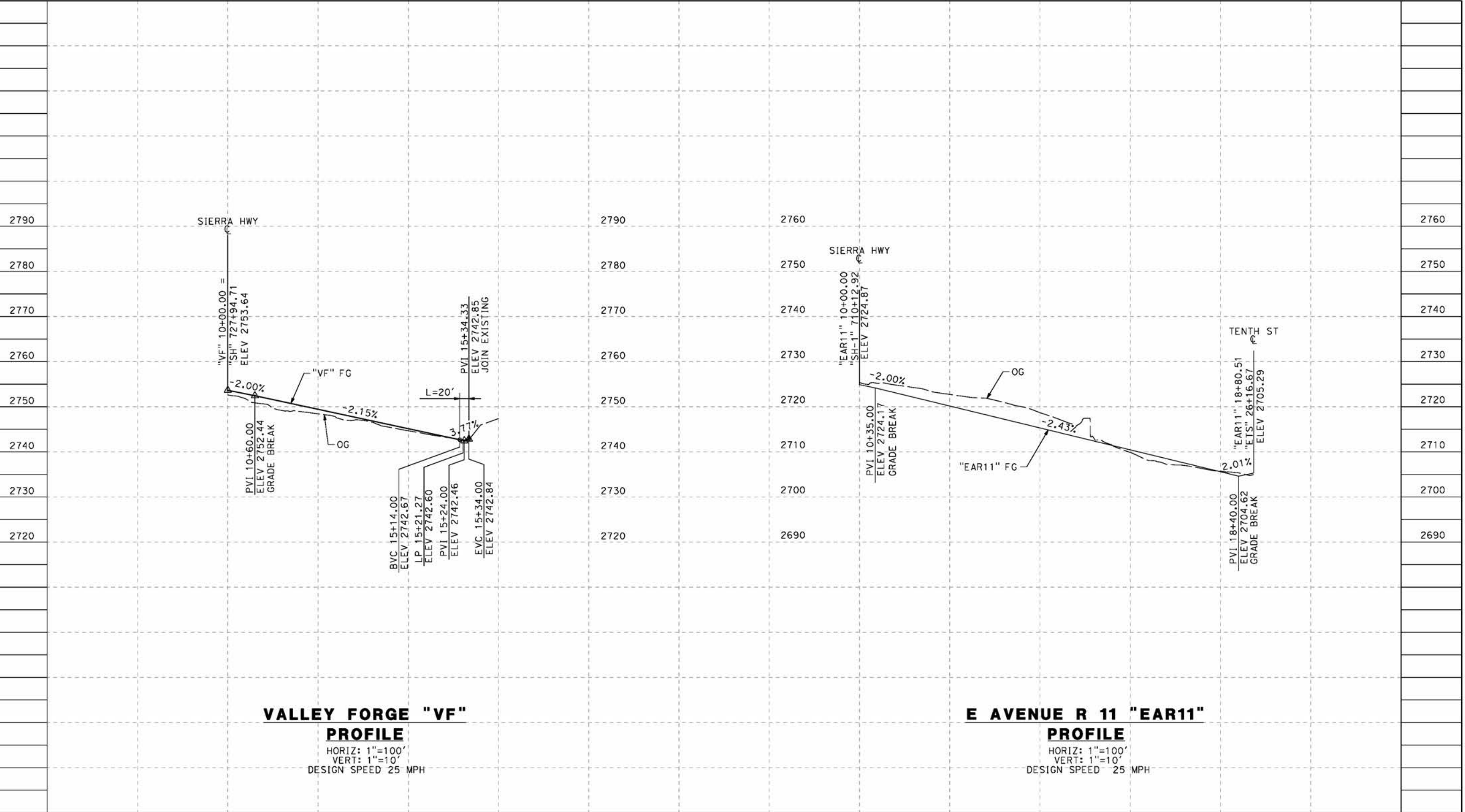
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ROADWAY PROFILE
ROUTE 14 EB ON-RAMP

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



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
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
 VALLEY FORGE AND EAST AVENUE R 11

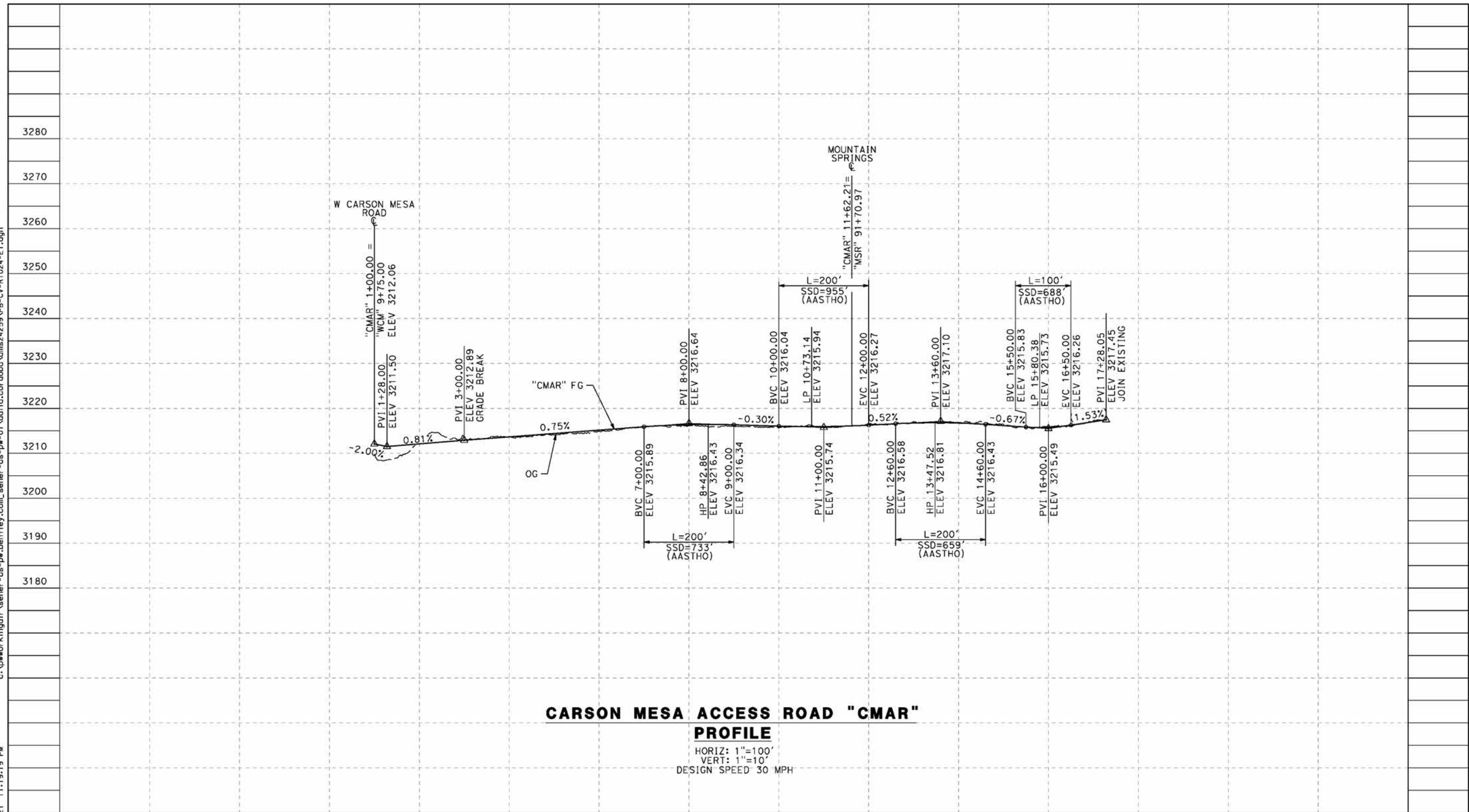
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1023-E1
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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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
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**



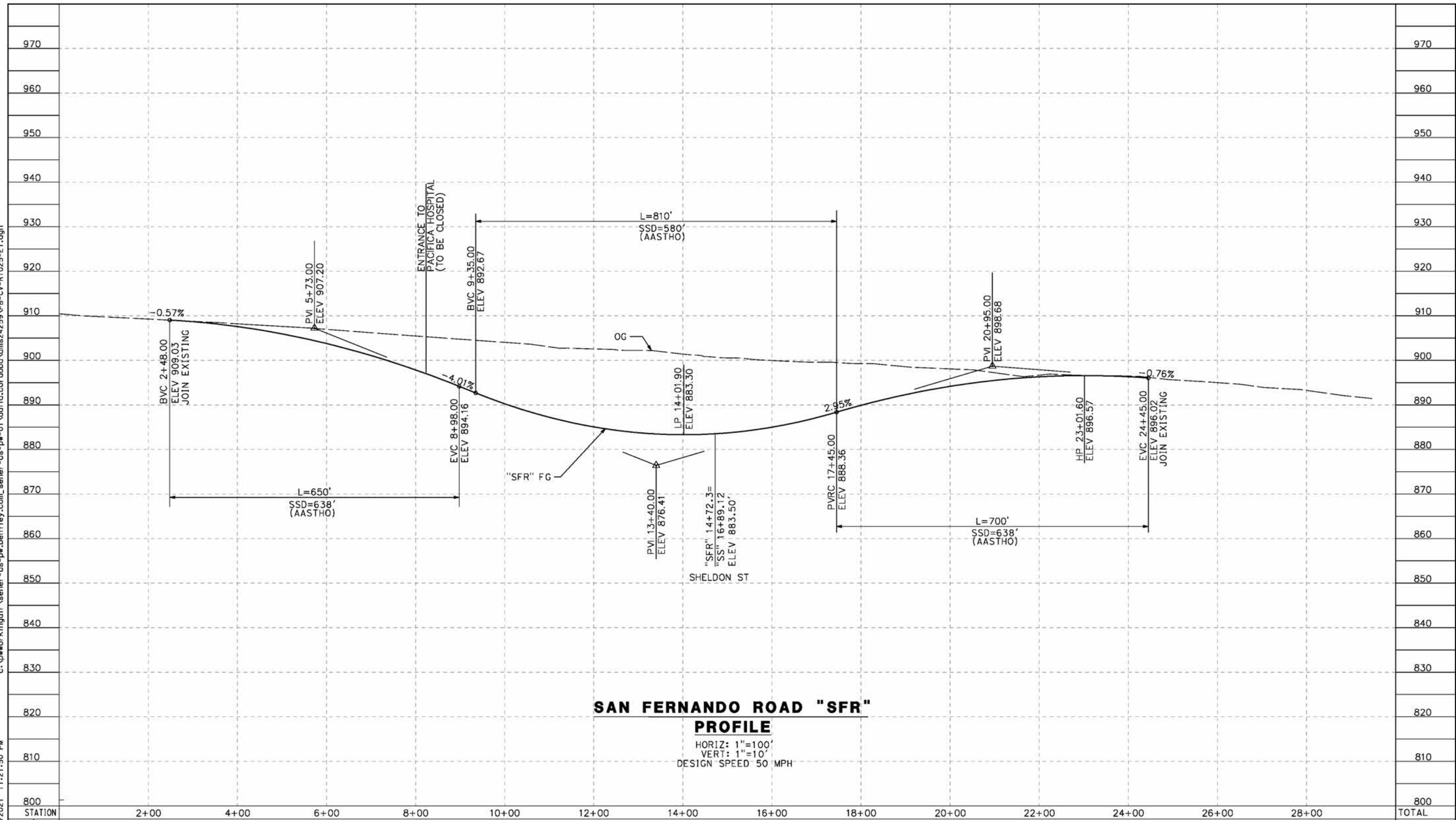
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 ROADWAY PROFILE
 CARSON MESA ACCESS ROAD

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

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5/23/2021 11:21:50 PM

cordo



SAN FERNANDO ROAD "SFR" PROFILE

HORIZ: 1"=100'
VERT: 1"=10'
DESIGN SPEED 50 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	28+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"
ROADWAY PROFILE
SAN FERNANDO ROAD "SFR"

CONTRACT NO. HSR14-42
DRAWING NO. CV-R1025-E1
SCALE AS SHOWN
SHEET NO.

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5/23/2021 11:25:15 PM

cordo



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													

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**



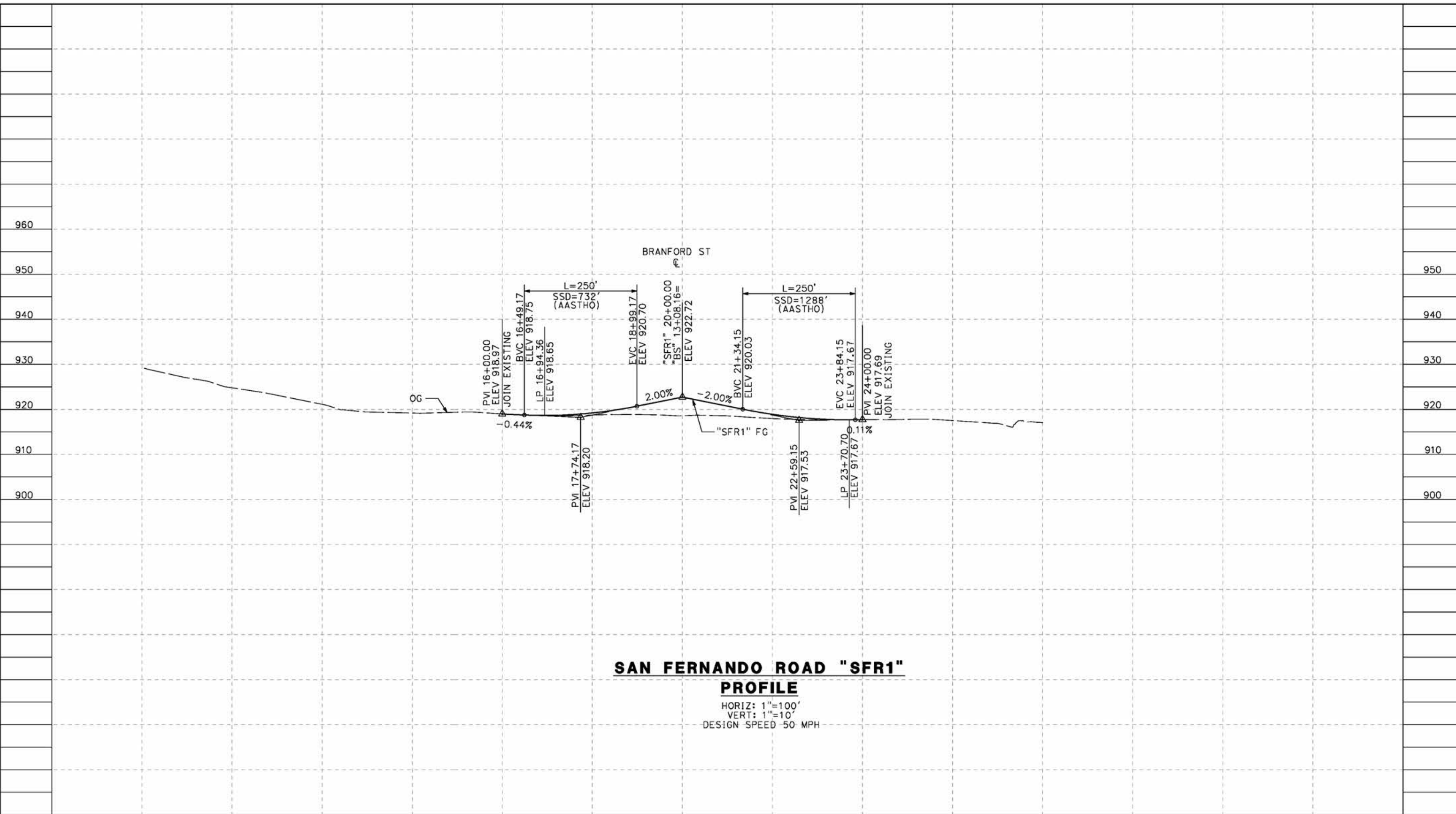
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 ROADWAY PROFILE
 SAN FERNANDO ROAD "SFB"

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

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5/23/2021 11:29:15 PM

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
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"

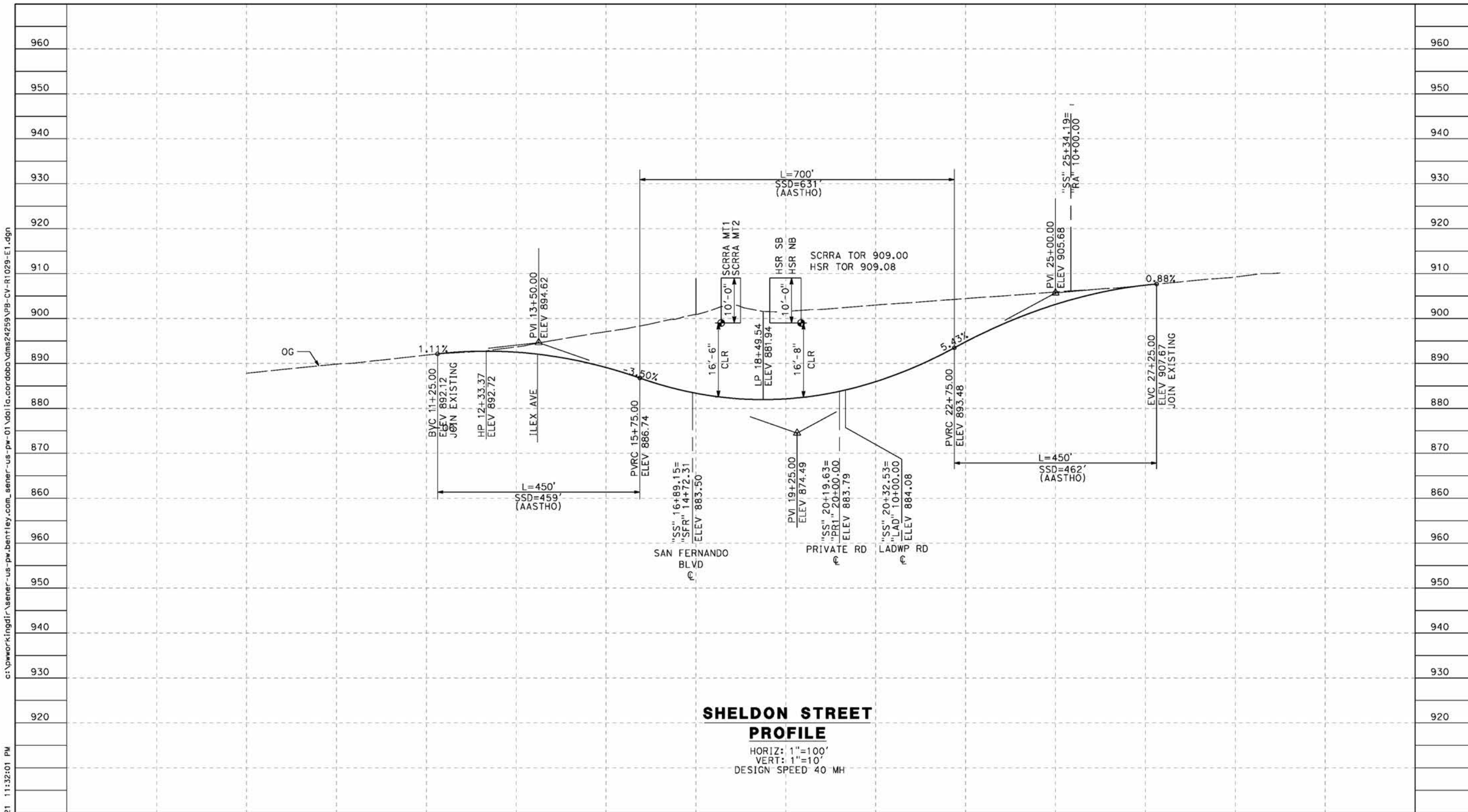
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1027-E1
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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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
Exc												
Emb												

REV	DATE	BY	CHK	APP	DESCRIPTION
	04/30/2021				

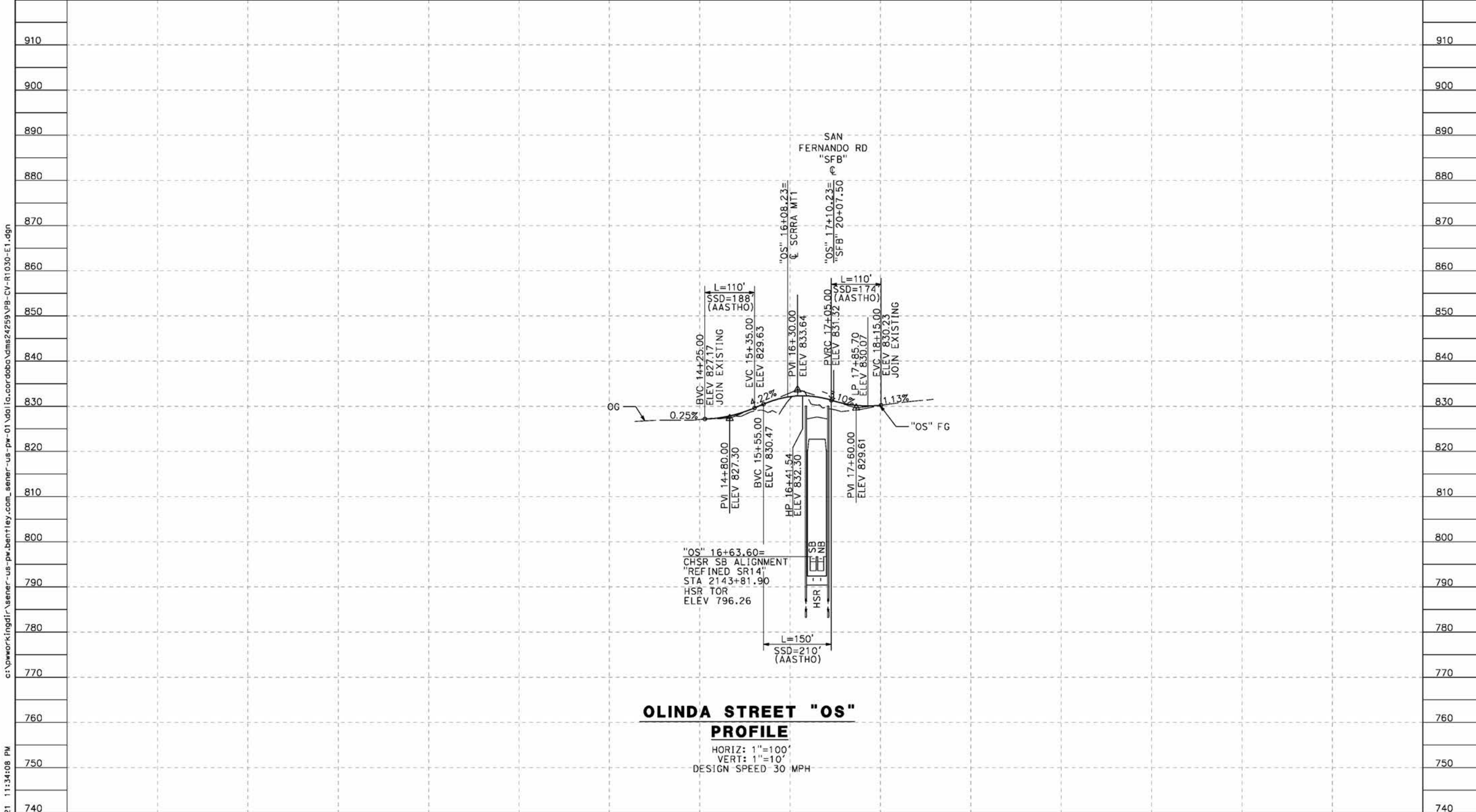
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

**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.



OLINDA STREET "OS" PROFILE

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

910
900
890
880
870
860
850
840
830
820
810
800
790
780
770
760
750
740

910
900
890
880
870
860
850
840
830
820
810
800
790
780
770
760
750
740

STATION	10+00	12+00	14+00	16+00	18+00	20+00	22+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"
 ROADWAY PROFILE
 OLINDA STREET

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

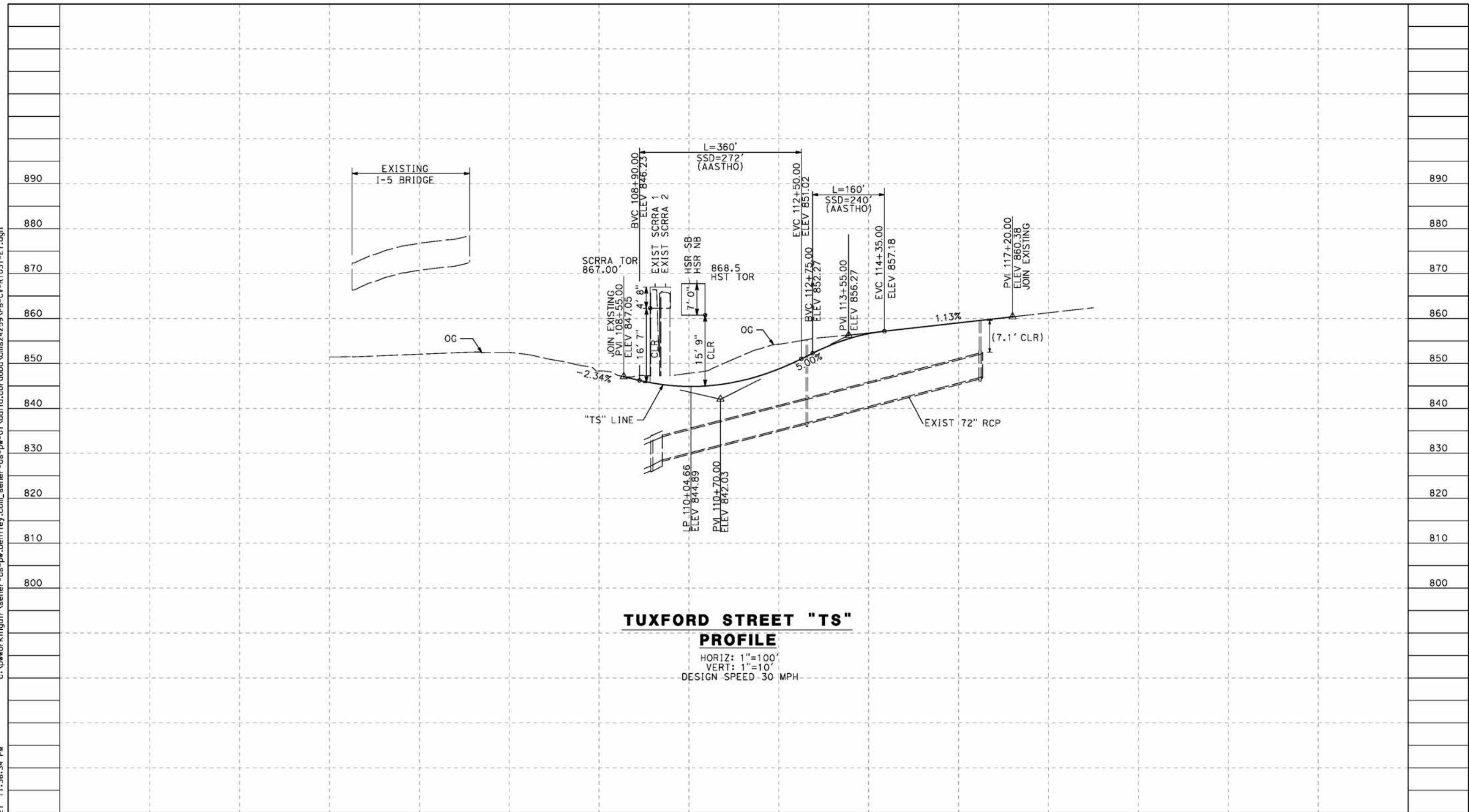
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STATION	102+00	104+00	106+00	108+00	110+00	112+00	114+00	116+00	118+00	120+00	TOTAL
Exc											
Emb											

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**

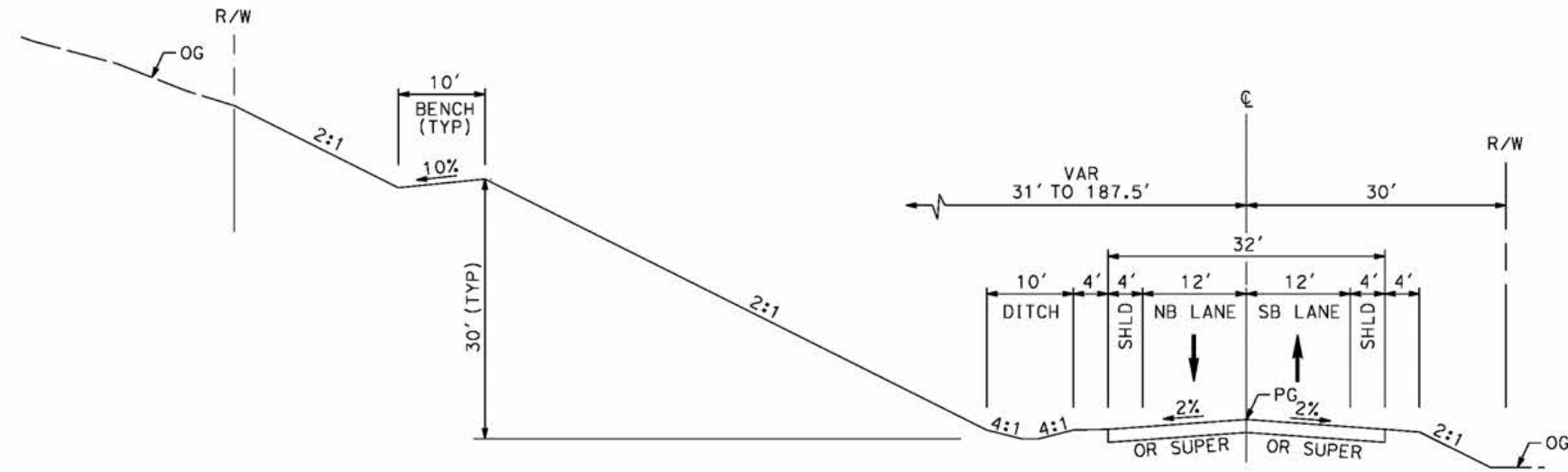
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CONSTRUCTION**



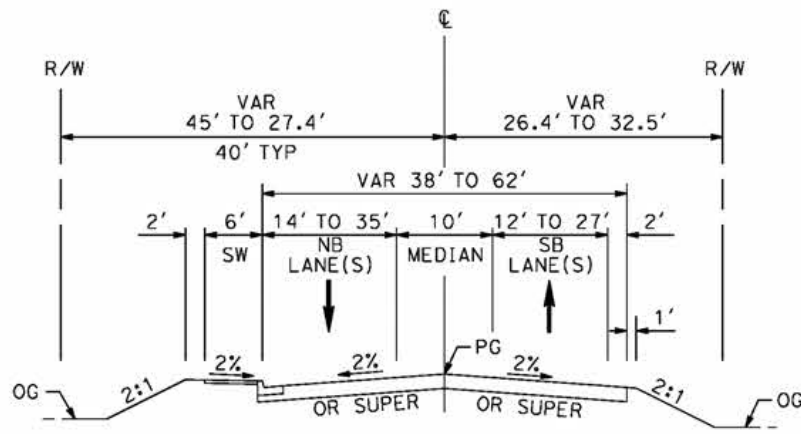
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

ALIGNMENT "E1"
 ROADWAY PROFILE
 TUXFORD STREET

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



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

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4/27/2021 8:42:44 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



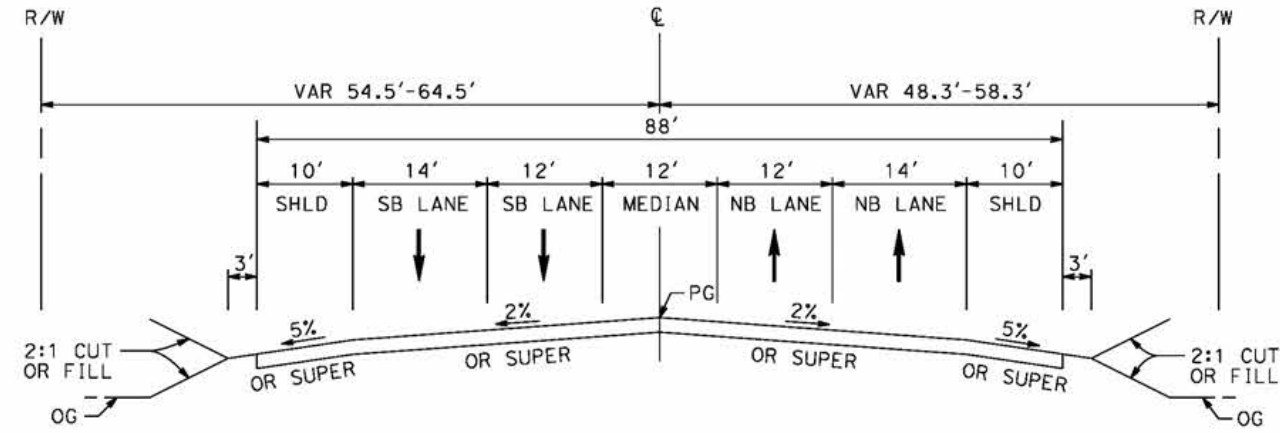
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 SIERRA HIGHWAY
 SHEET 1 OF 2

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

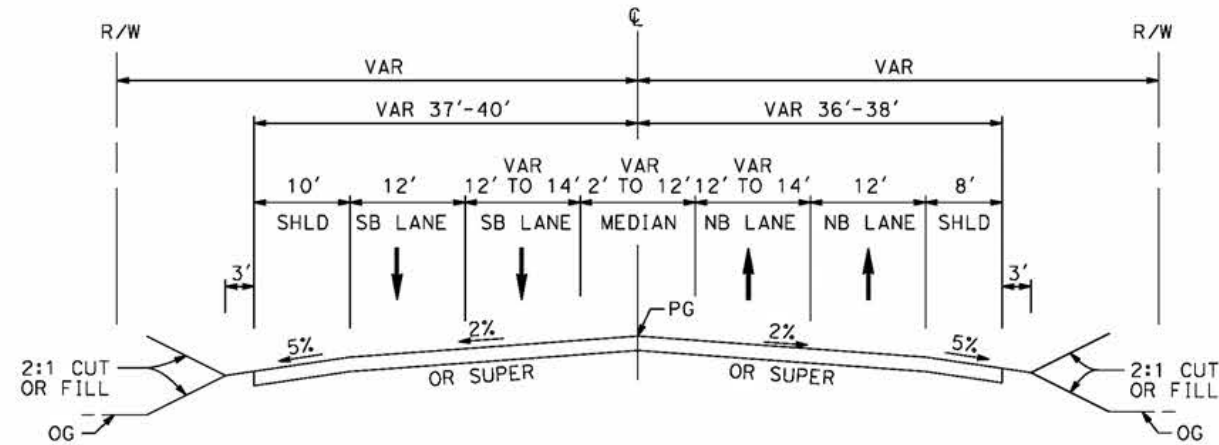
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4/27/2021 8:48:44 AM

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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



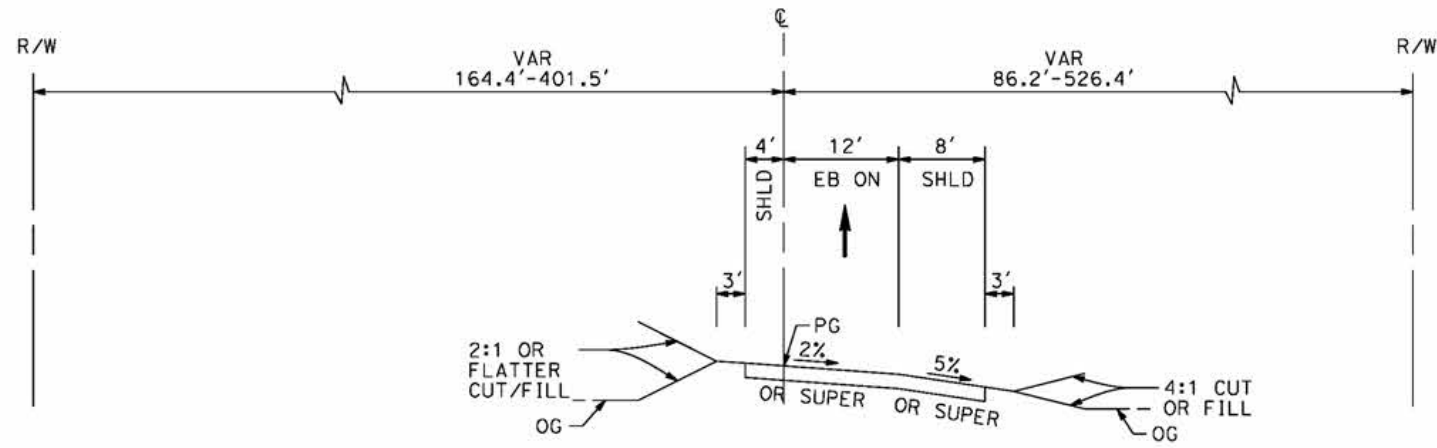
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 SIERRA HIGHWAY
 SHEET 2 OF 2

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

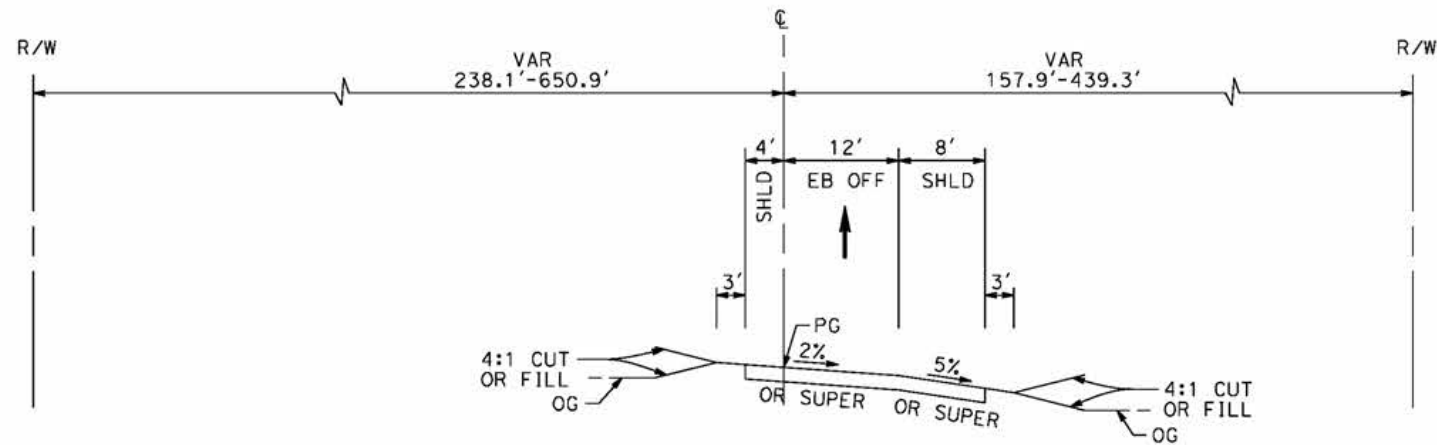
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ROUTE 14 EB ON-RAMP
STA 109+30 TO STA 122+25



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



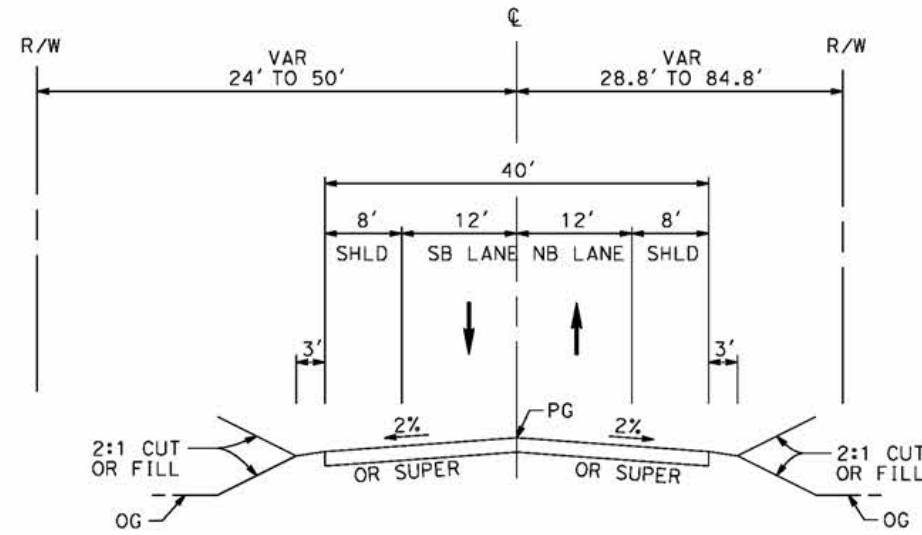
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
TYPICAL SECTIONS
ROUTE 14 EB ON-RAMP AND ROUTE 14 EB OFF-RAMP

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

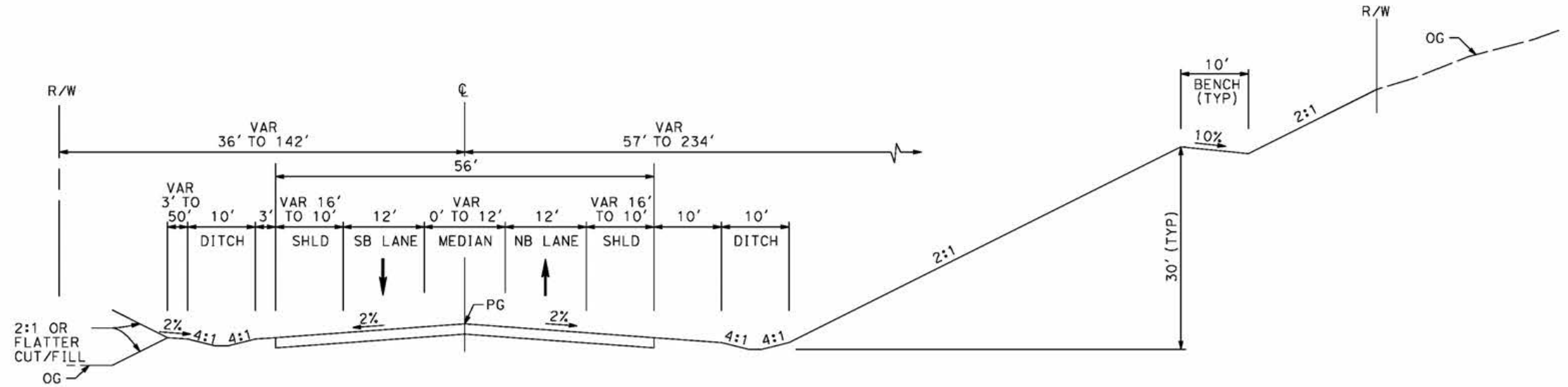
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4/27/2021 8:53:52 AM

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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

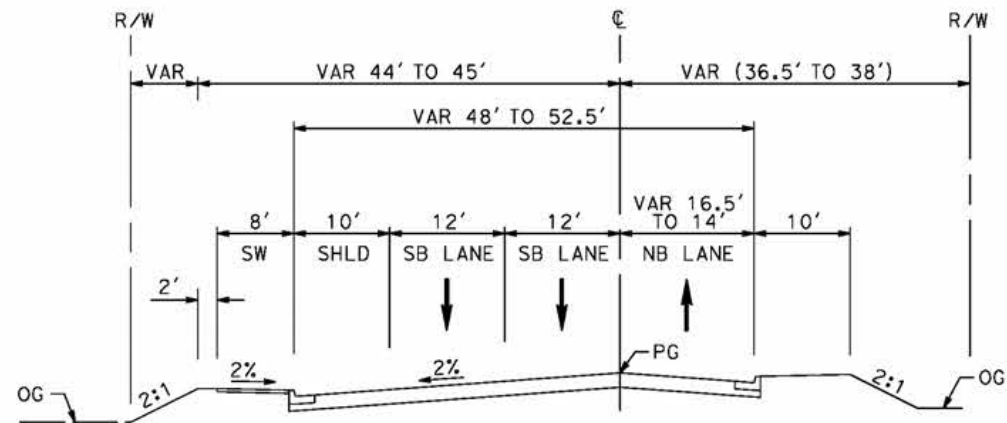
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
 REV 02
NOT FOR CONSTRUCTION

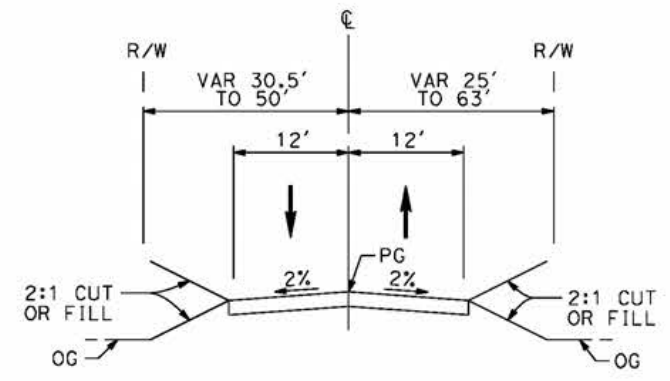


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 SIERRA HIGHWAY AND ANGELES FOREST HIGHWAY

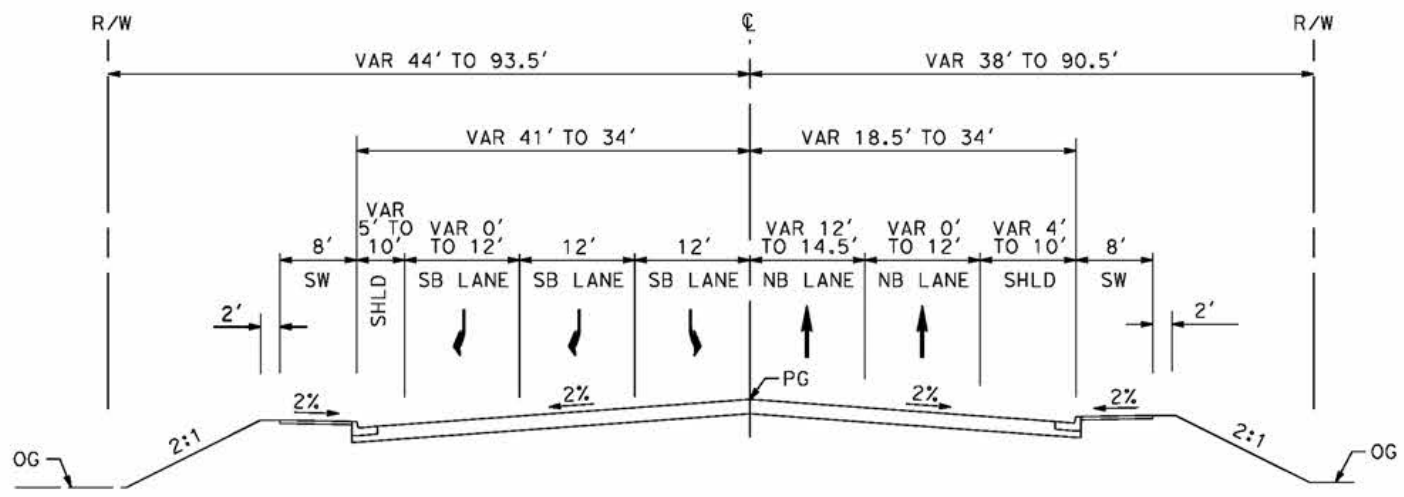
CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-R3004-E1
 SCALE
 NO SCALE
 SHEET NO.



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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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



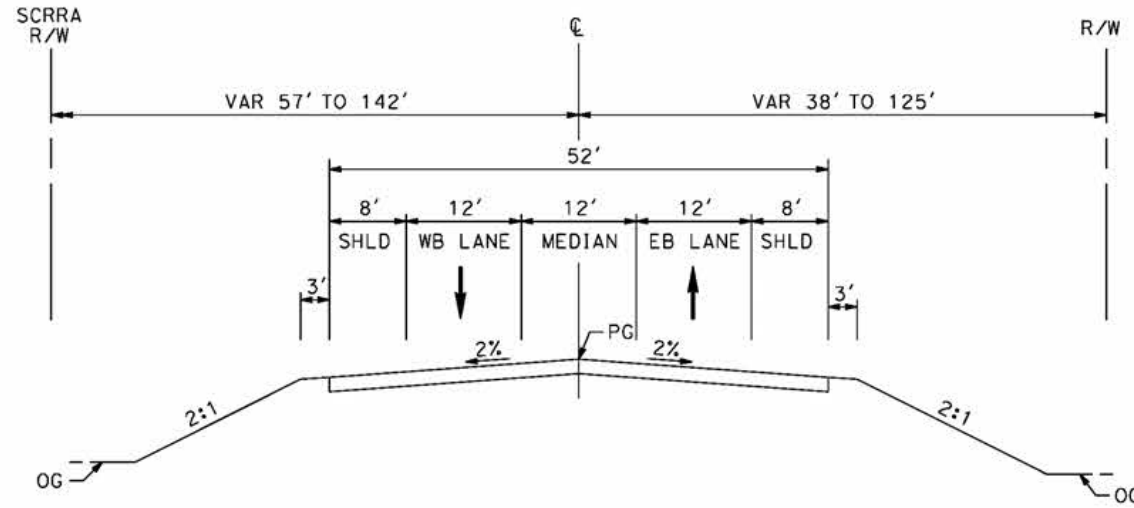
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 EAST TENTH STREET AND
 WATER TREATMENT PLANT ACCESS RD 2

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

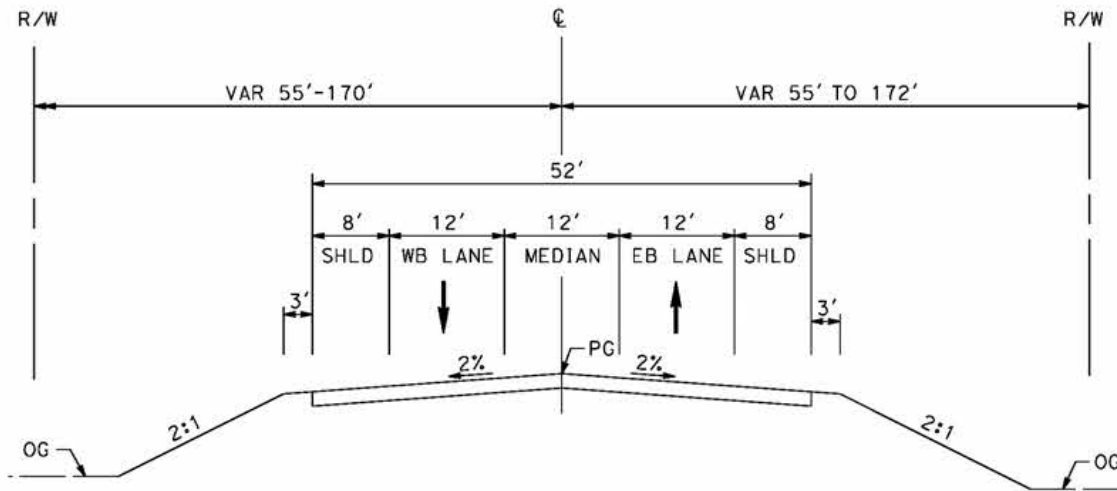
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5/23/2021 11:38:40 PM

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



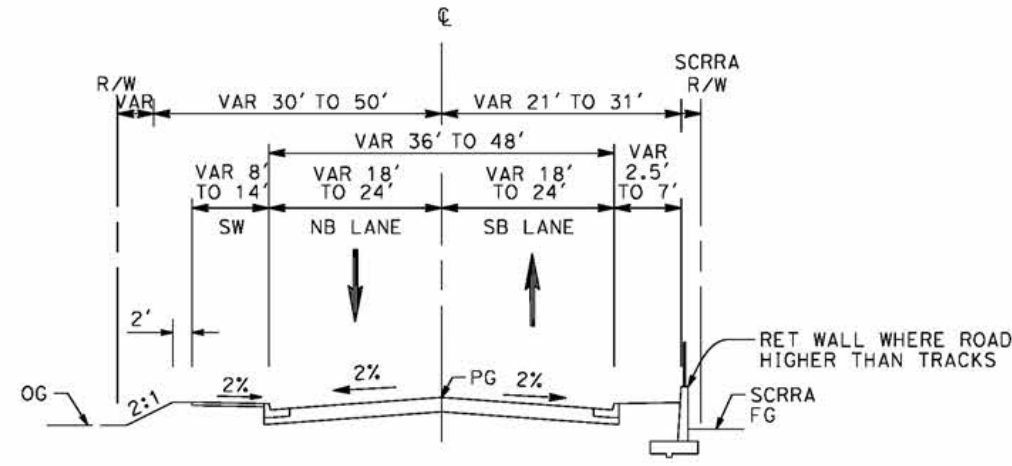
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 W CARSON MESA ROAD AND MOUNTAIN SPRINGS RD

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



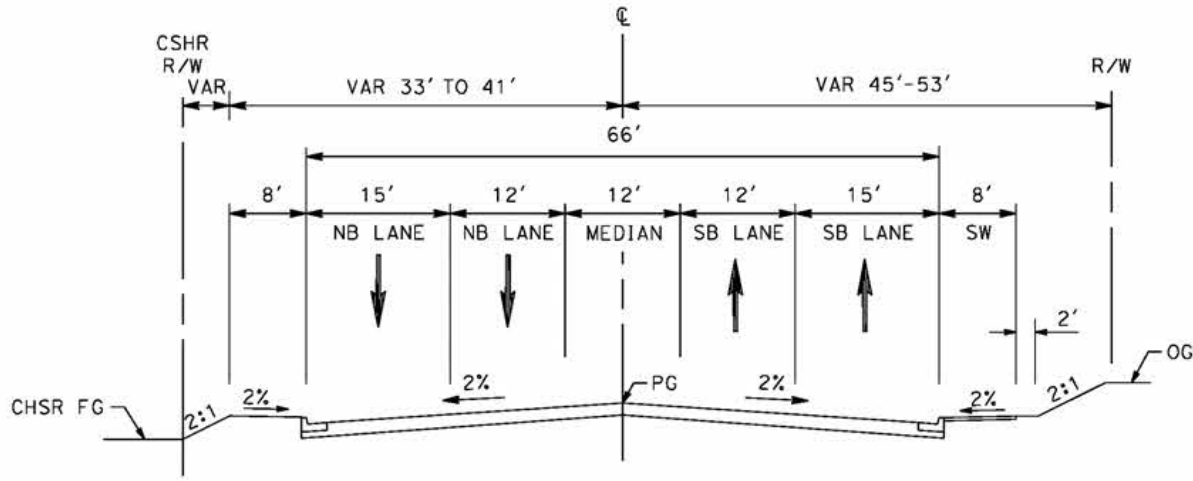
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 SAN FERNANDO ROAD
 SHEET 1 OF 2

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

ct:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalifa.cordoba\dms24259\VPB-CV-R3010-E1.dgn

4/27/2021 9:01:58 AM

cordo



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

REV	DATE	BY	CHK	APP	DESCRIPTION

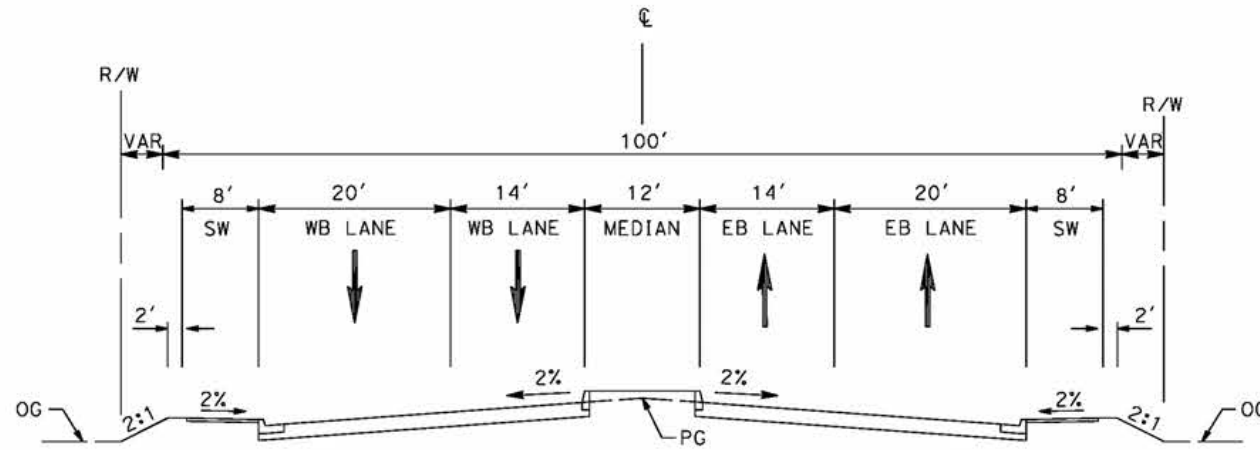
DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION

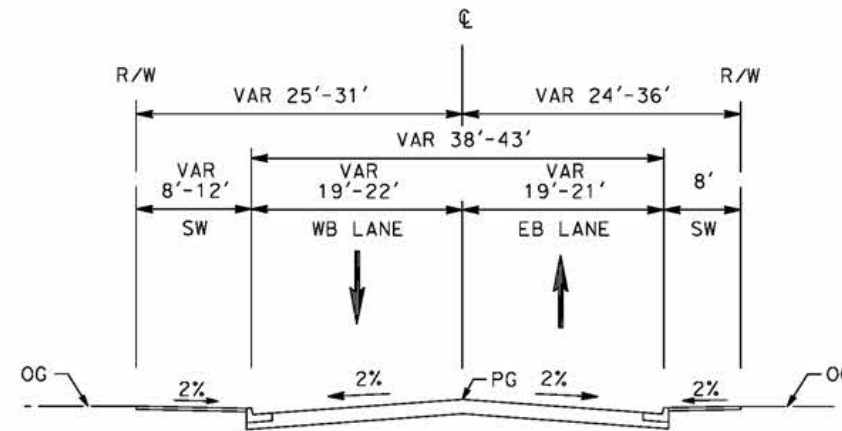


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
TYPICAL SECTIONS
SAN FERNANDO ROAD
SHEET 2 OF 2

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



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

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cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

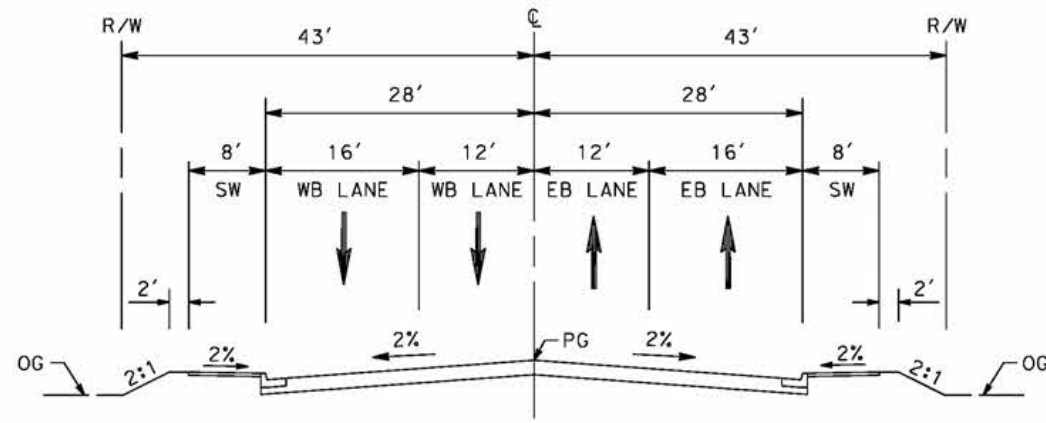
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
 REV 02
NOT FOR CONSTRUCTION

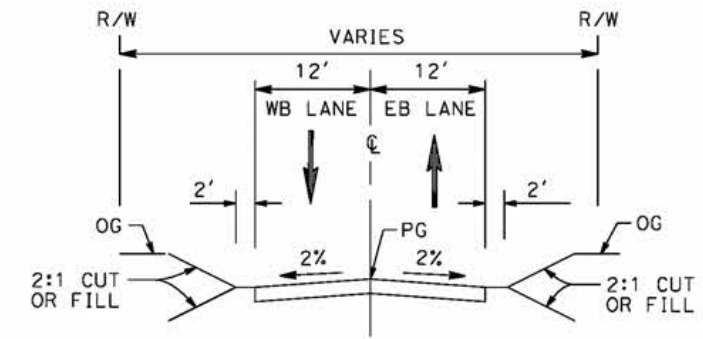


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 OLINDA STREET

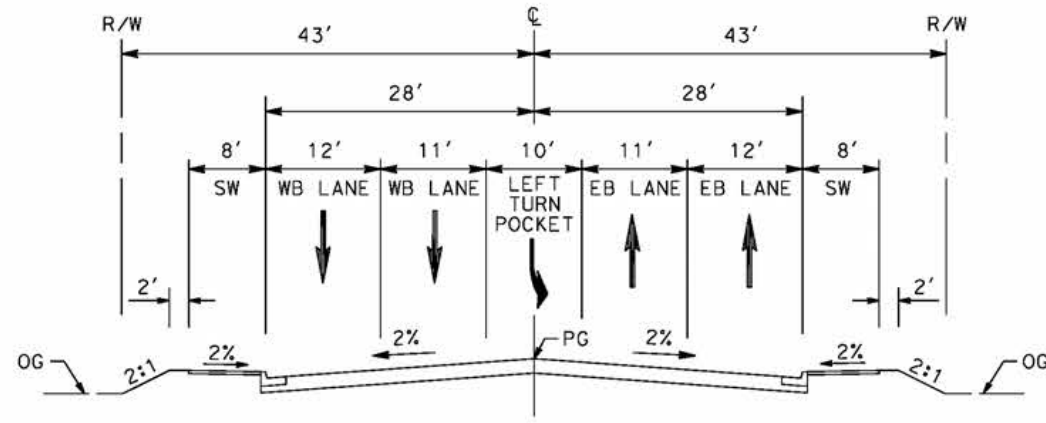
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R3012-E1
 SCALE
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 SHEET NO.



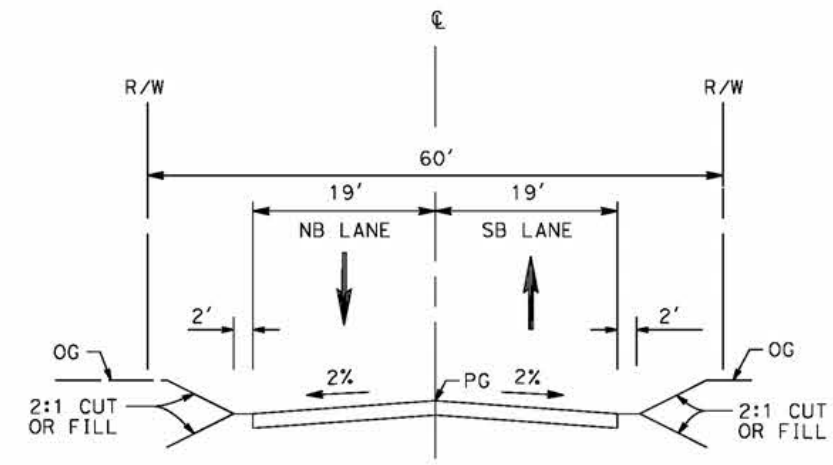
BRANFORD STREET
 STA 14+51 TO STA 25+80
 AVENUE II (SECONDARY HIGHWAY)
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



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



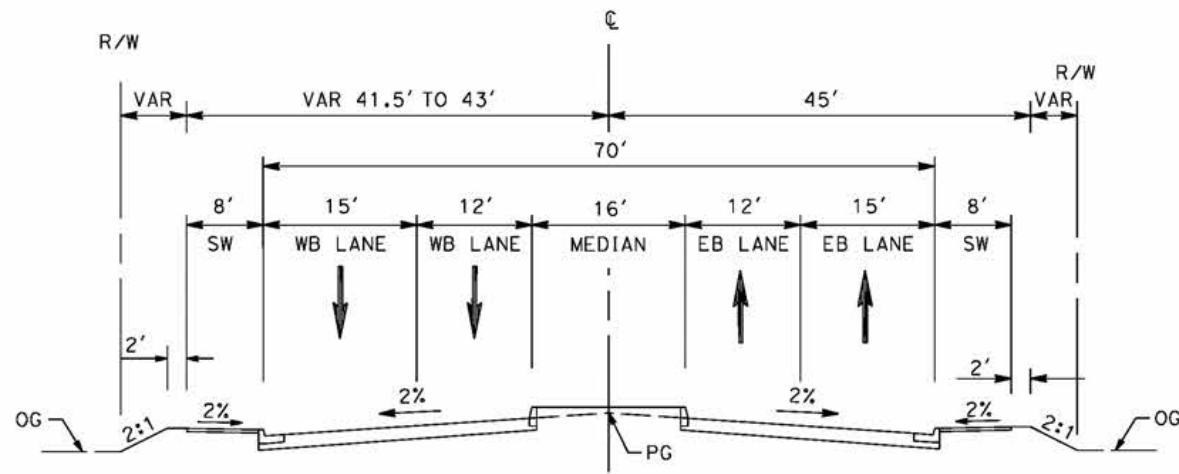
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 BRANFORD ST, RALSTON AVE AND ACCESS RD

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

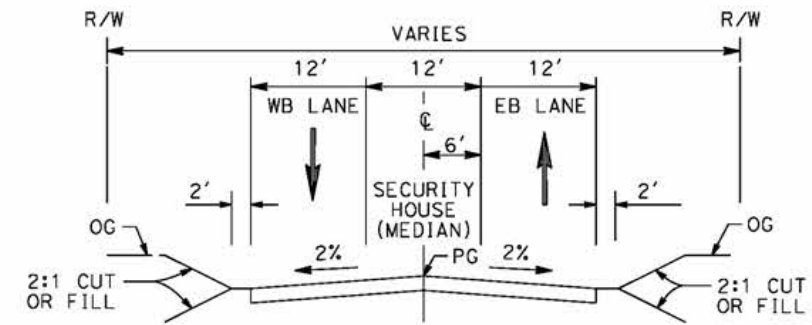
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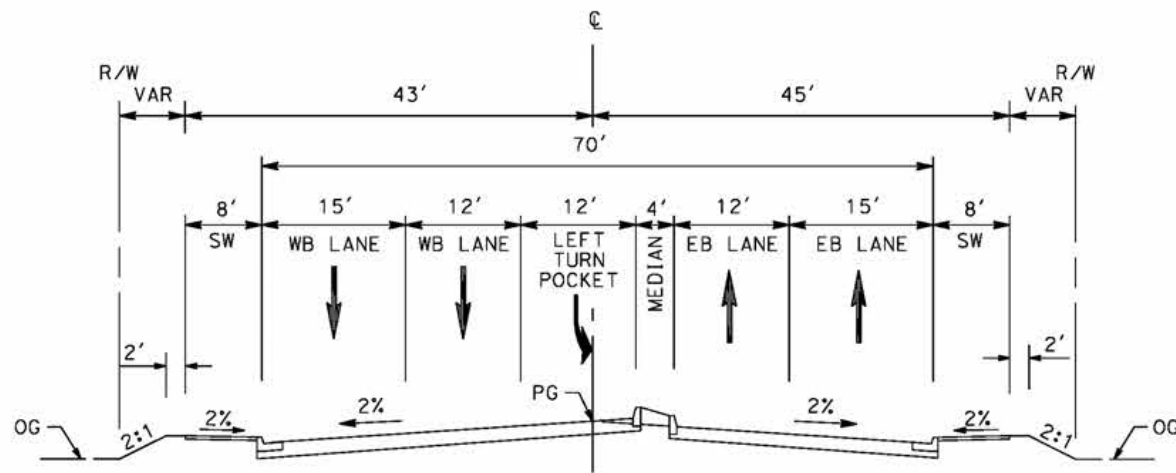
cordo



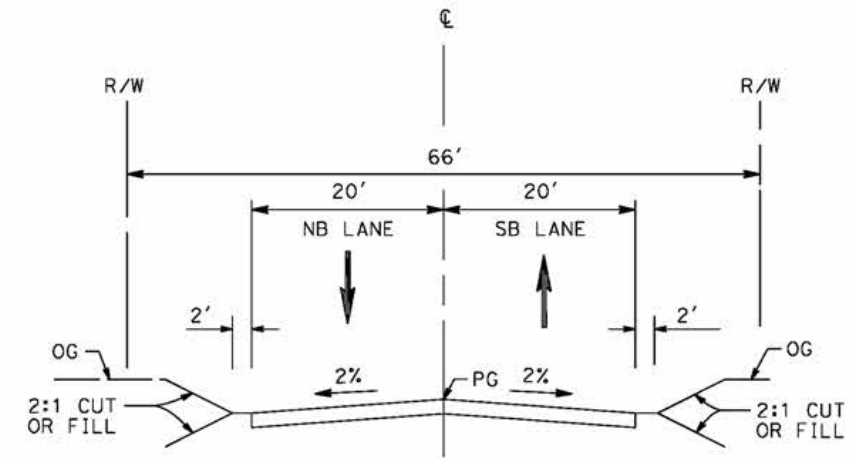
SHELDON STREET
 STA 10+25 TO STA 12+70
 AVENUE II (SECONDARY HIGHWAY)
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



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



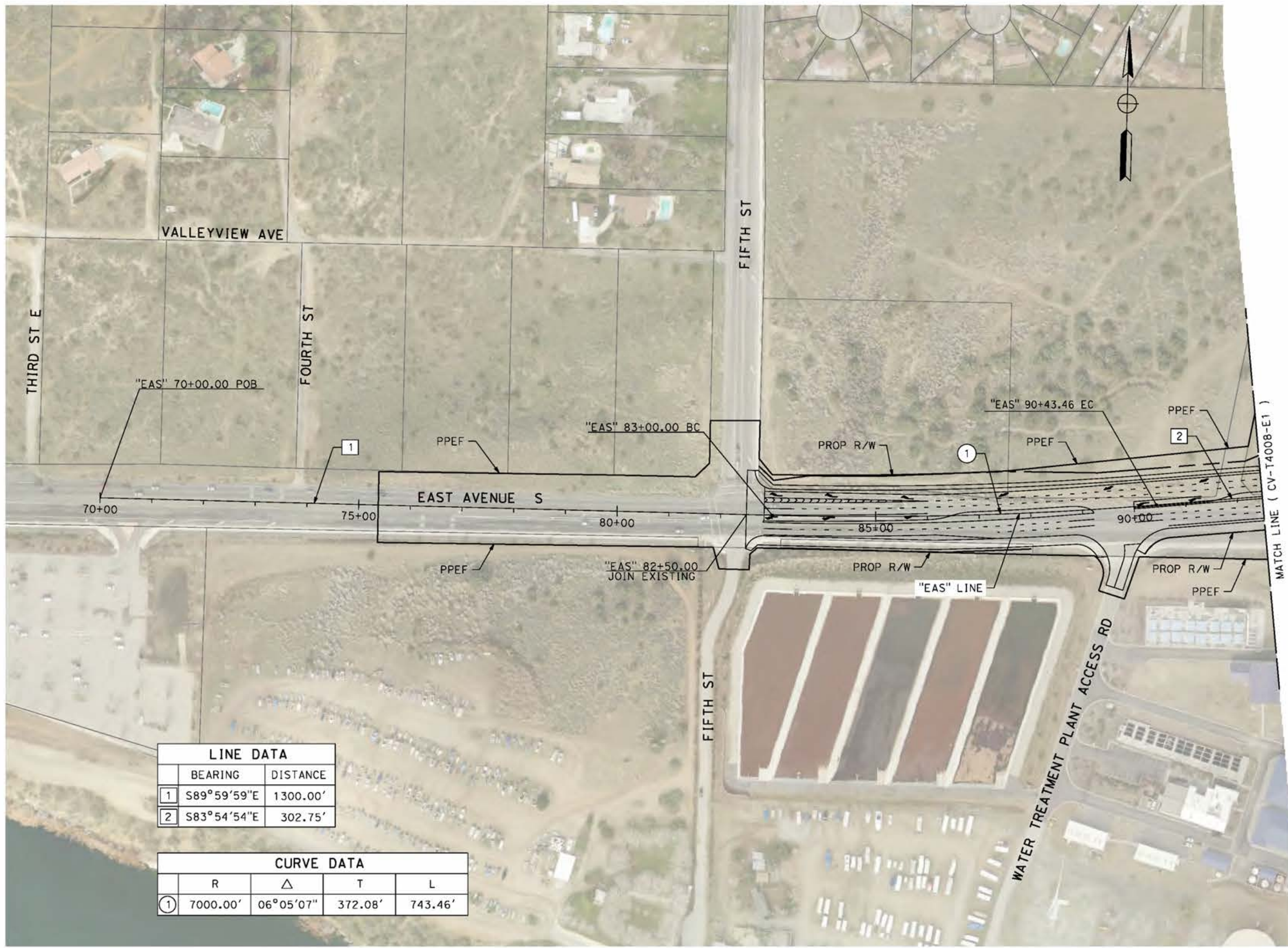
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 SHELDON ST, PRIVATE RD 1 AND LADWP RD

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

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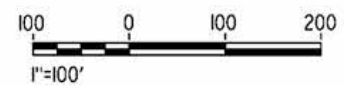
5/9/2021 5:46:08 PM

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



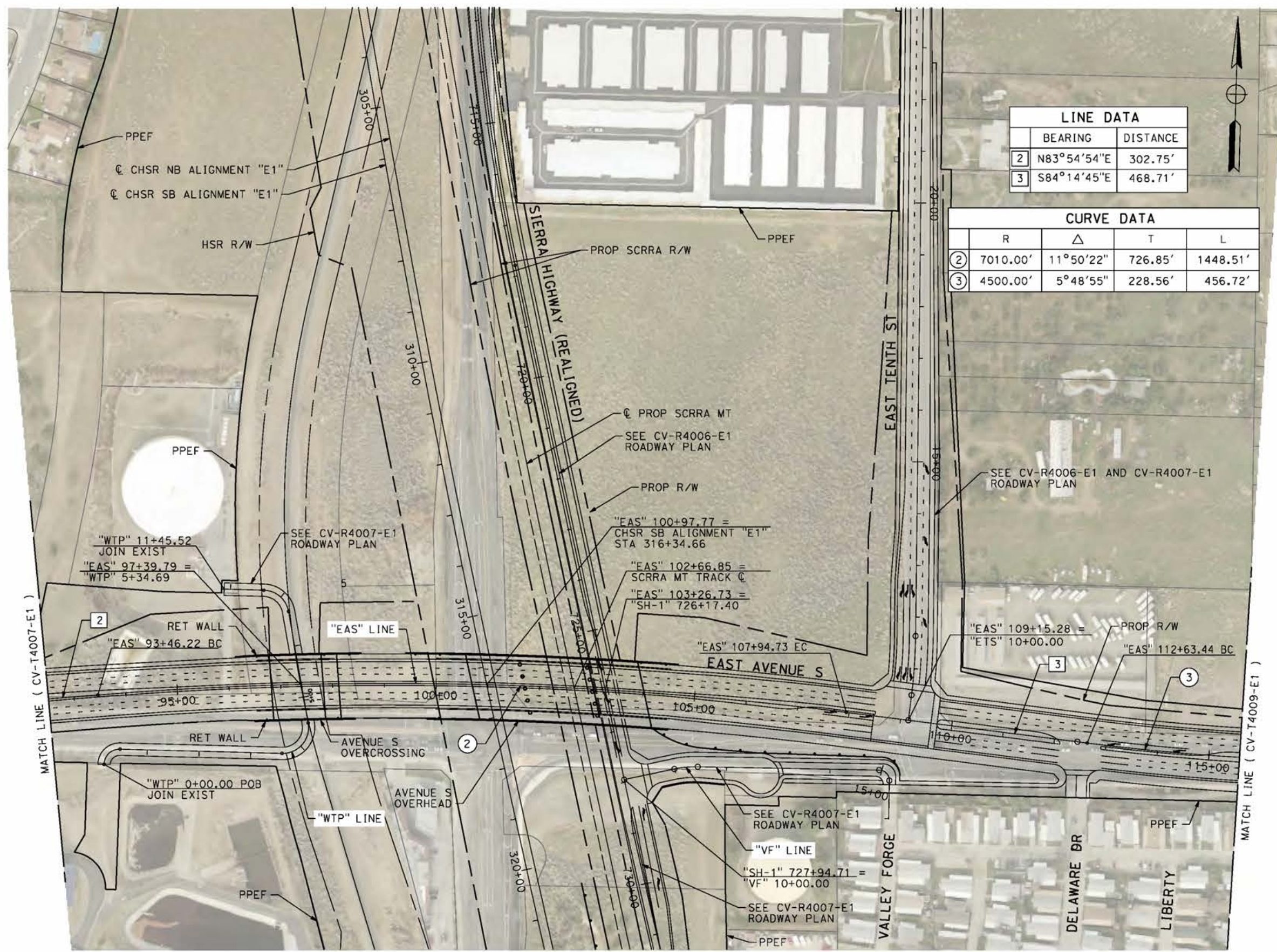
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 1 OF 3

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

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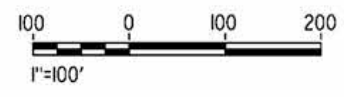
5/9/2021 8:17:14 PM

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 "E1"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 2 OF 3

CONTRACT NO.
HSR14-42

DRAWING NO.
CV-T4008-E1

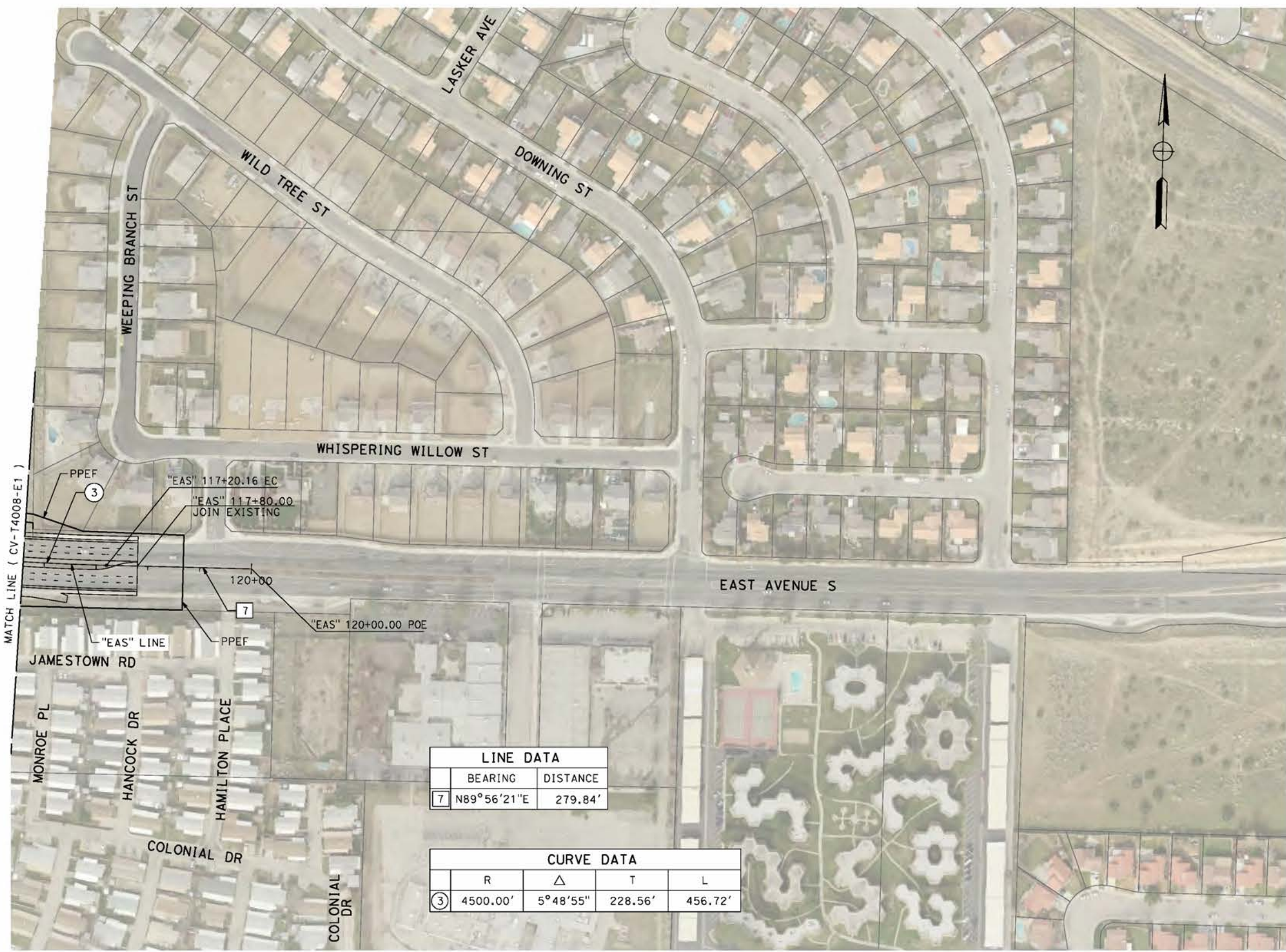
SCALE
AS SHOWN

SHEET NO.

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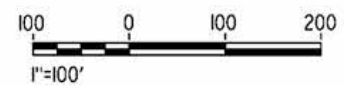
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cordo



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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5/27/2021 4:32:09 PM

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



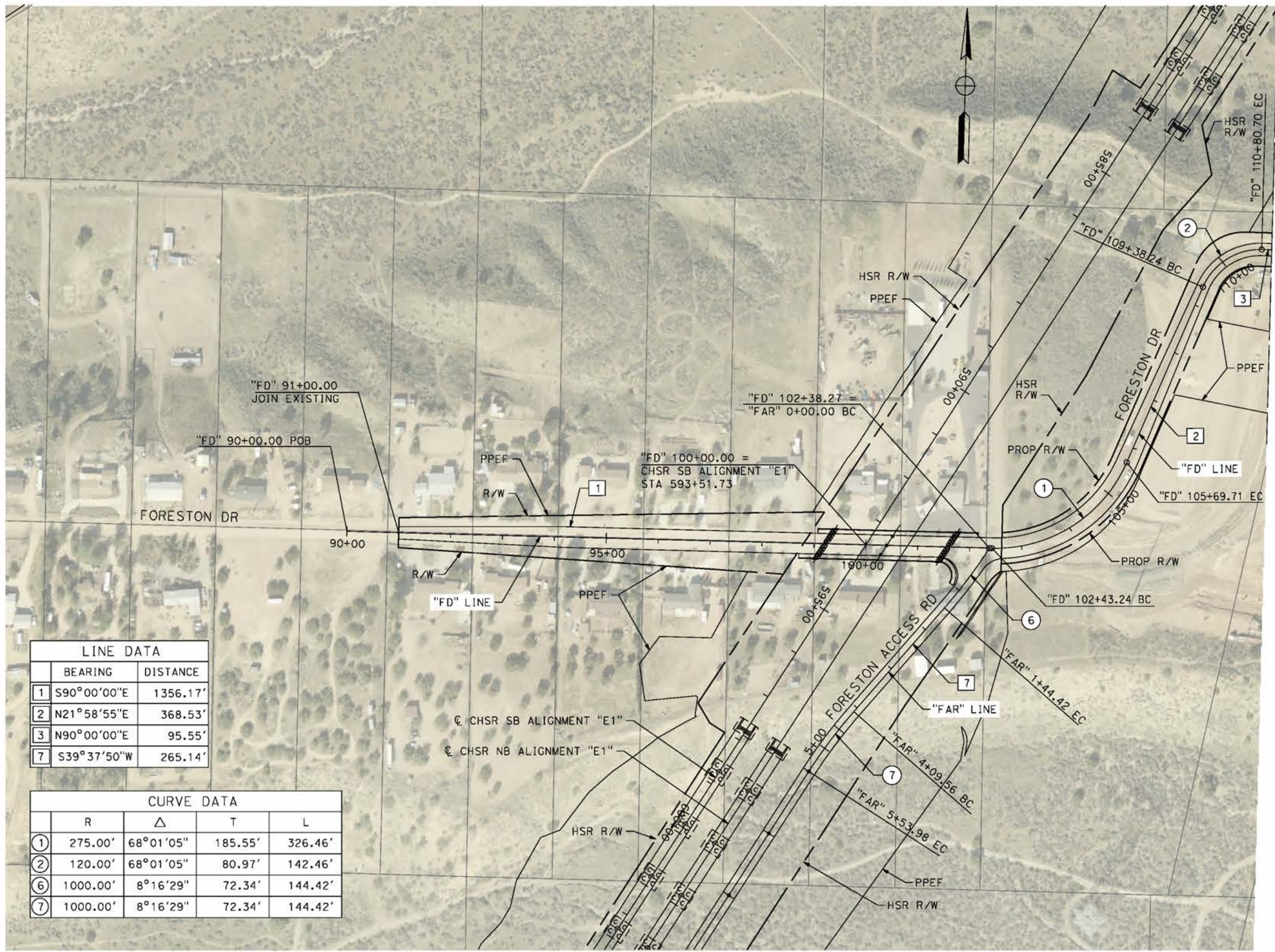
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
GRADE SEPARATION PLAN
BRANFORD ST
SHEET 2 OF 2

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

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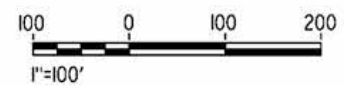
5/27/2021 5:13:39 PM

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



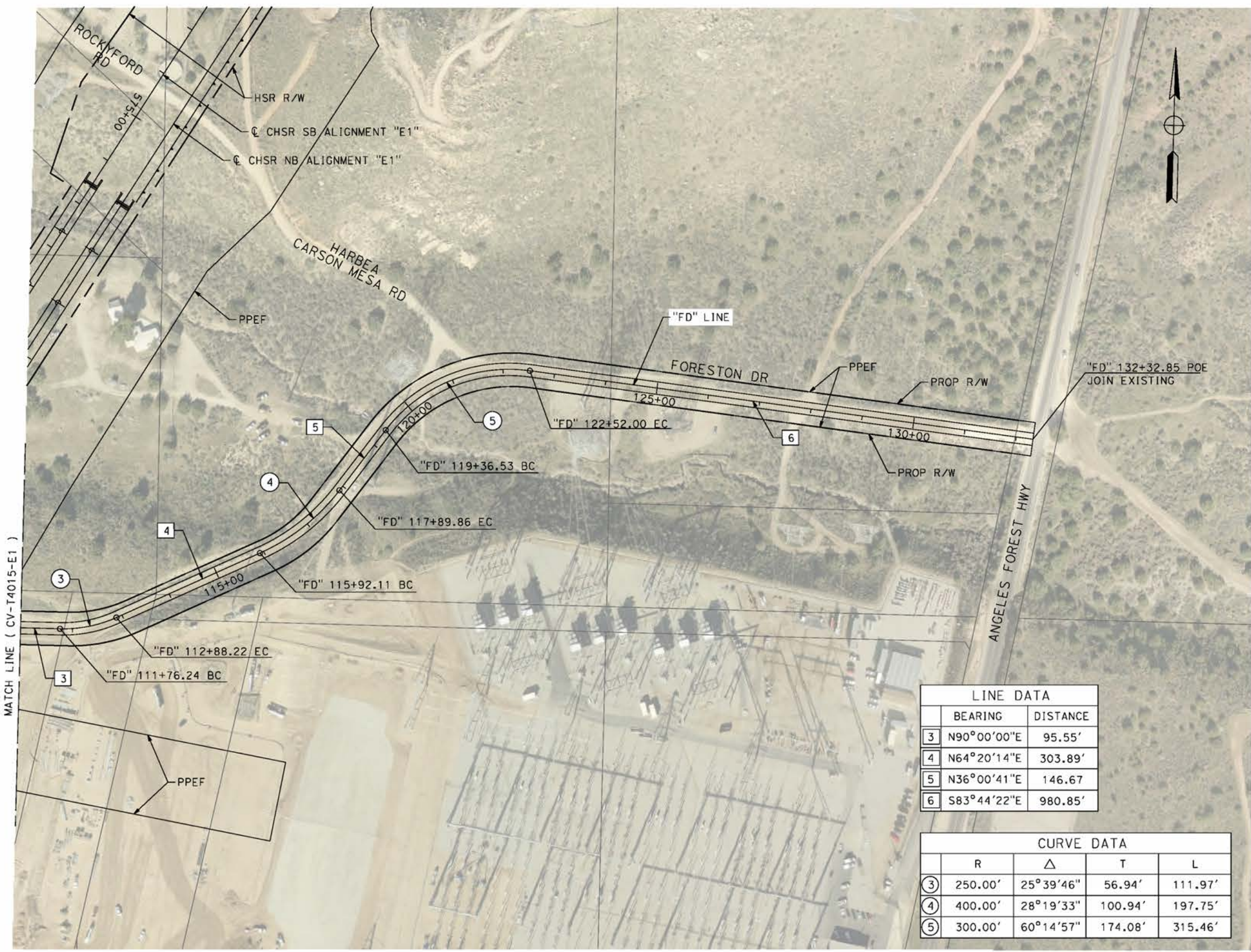
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
GRADE SEPARATION PLAN
FORESTON DRIVE AND FORESTON ACCESS ROAD

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

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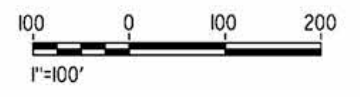
5/27/2021 5:11:02 PM

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**



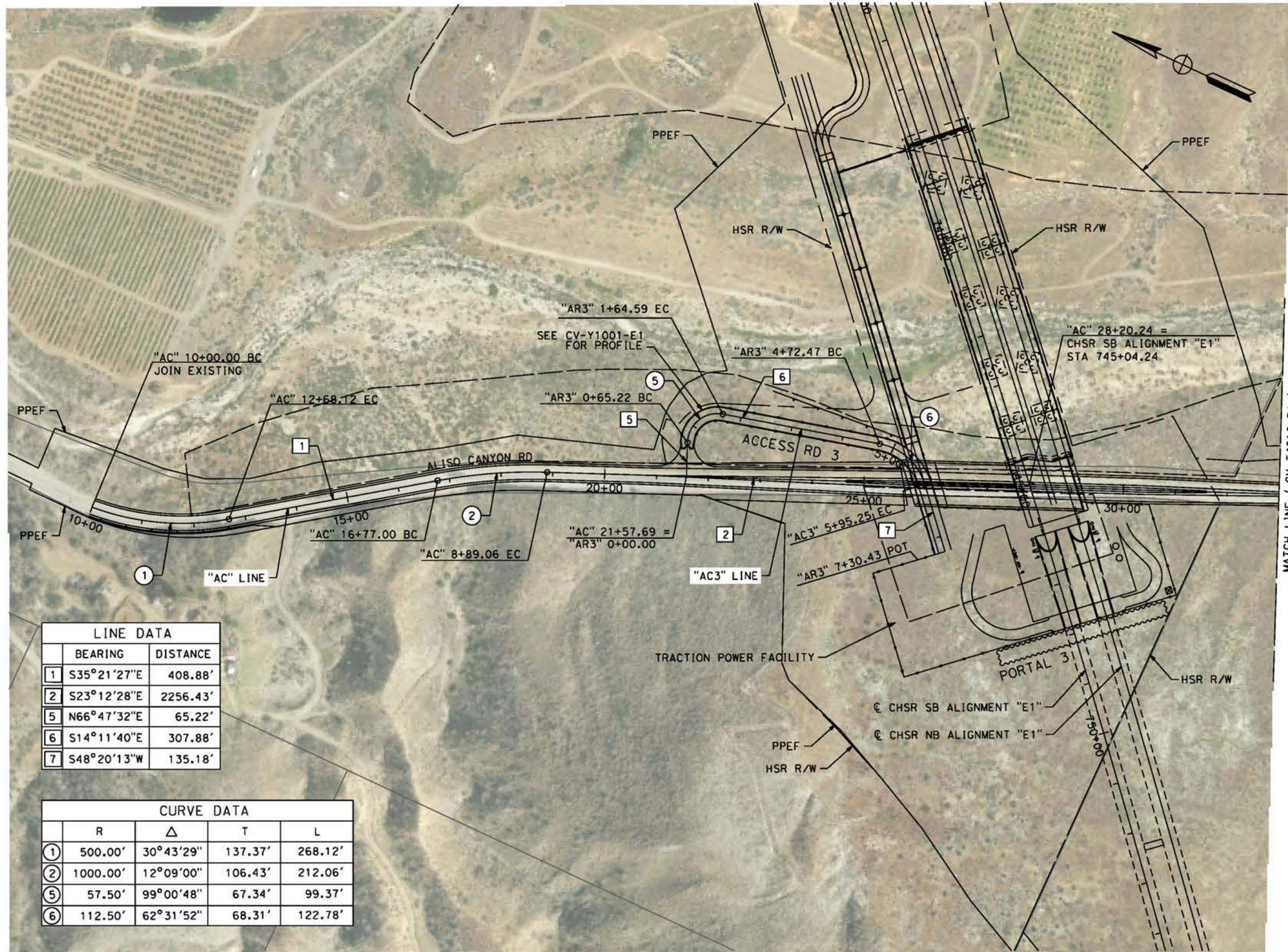
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PLAN
FORESTON DRIVE

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

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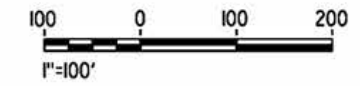
cordo



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. RELAND
DATE
04/30/2021

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



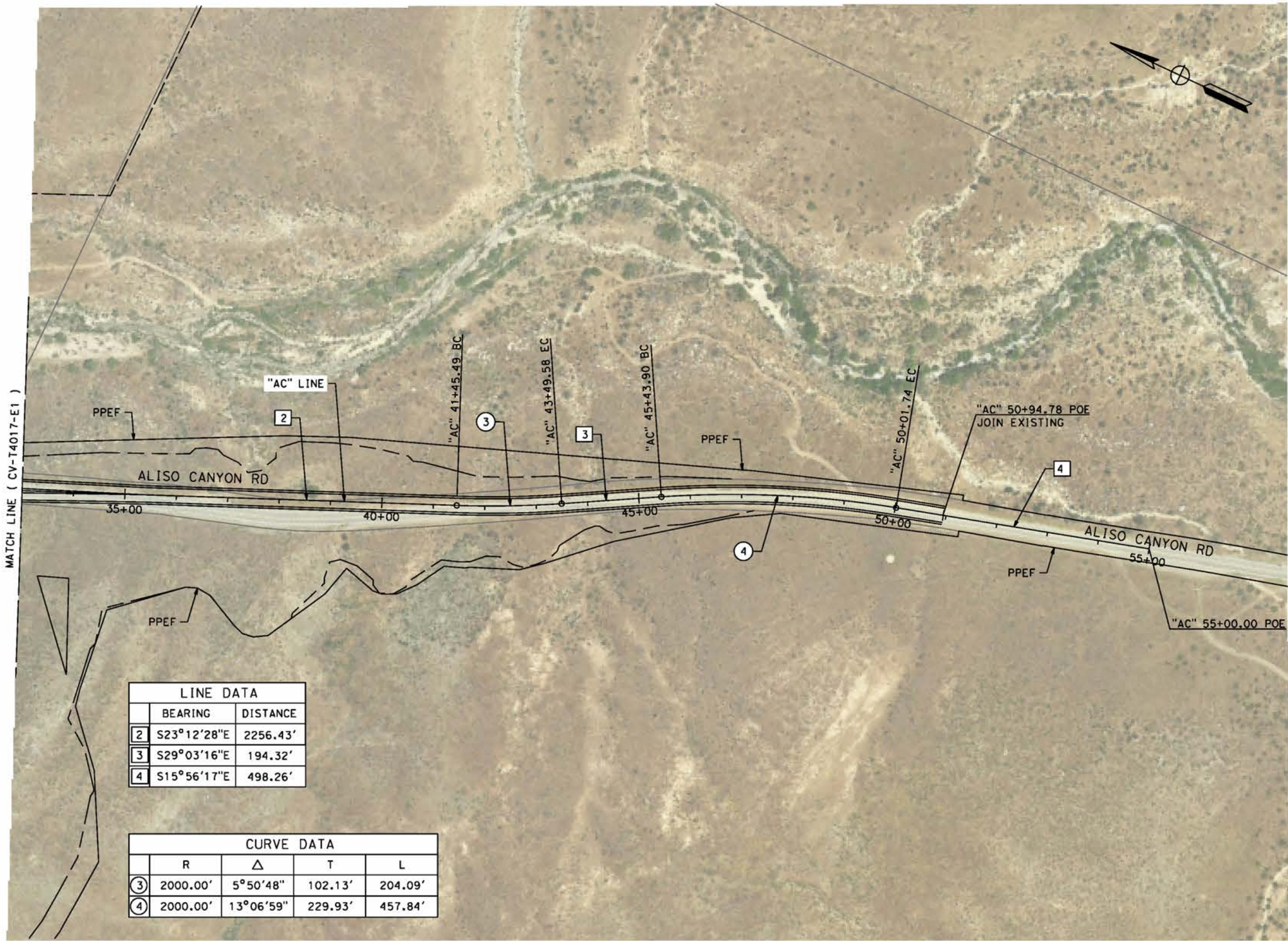
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE DEPARATION PLAN
ALISO CANYON ROAD AND ACCESS ROAD 3

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

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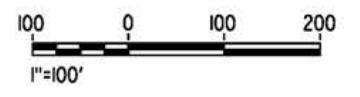
7/22/2021 12:35:26 AM

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. RELAND
DATE
04/30/2021

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



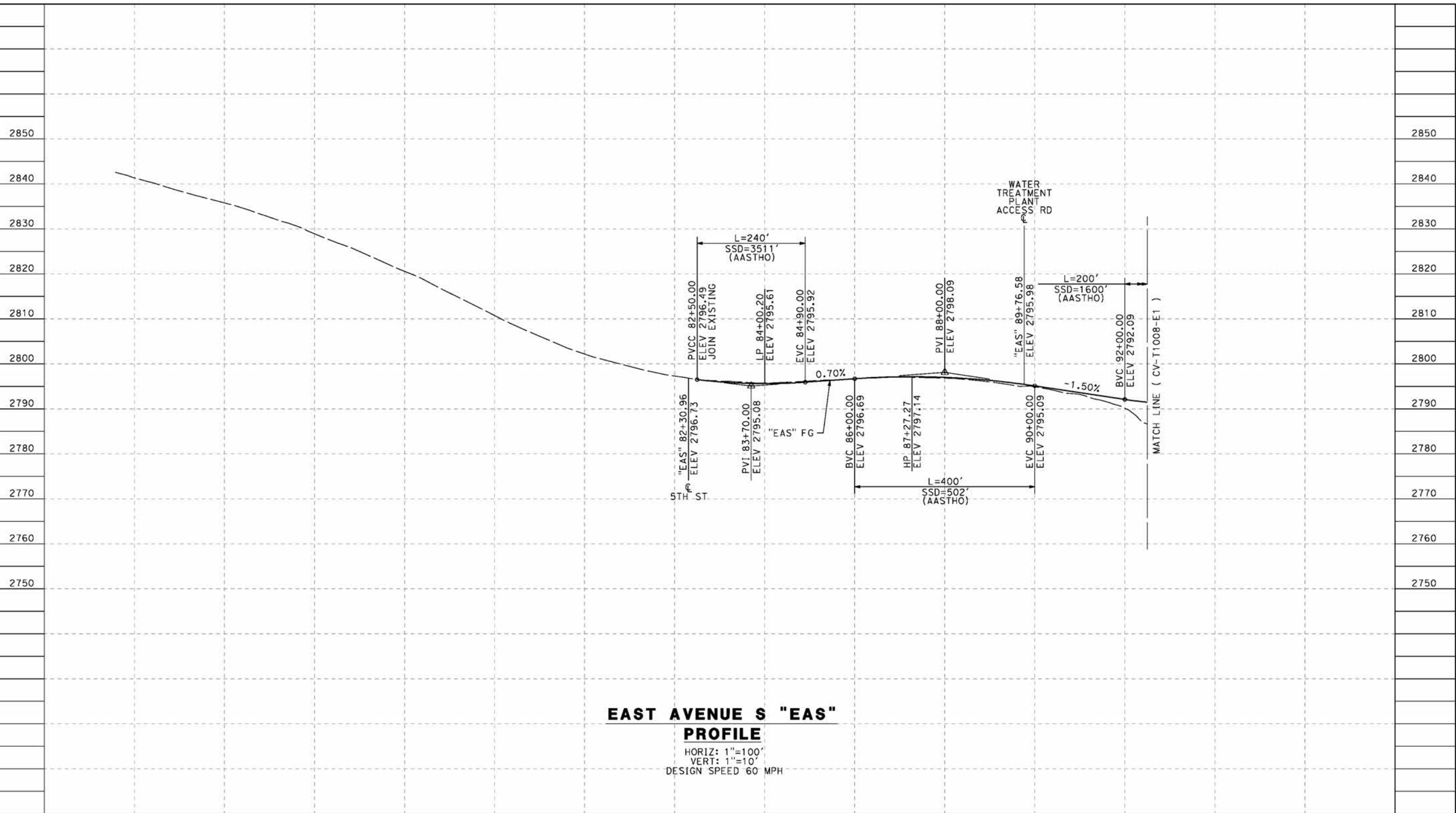
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PLAN
ALISO CANYON ROAD

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
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

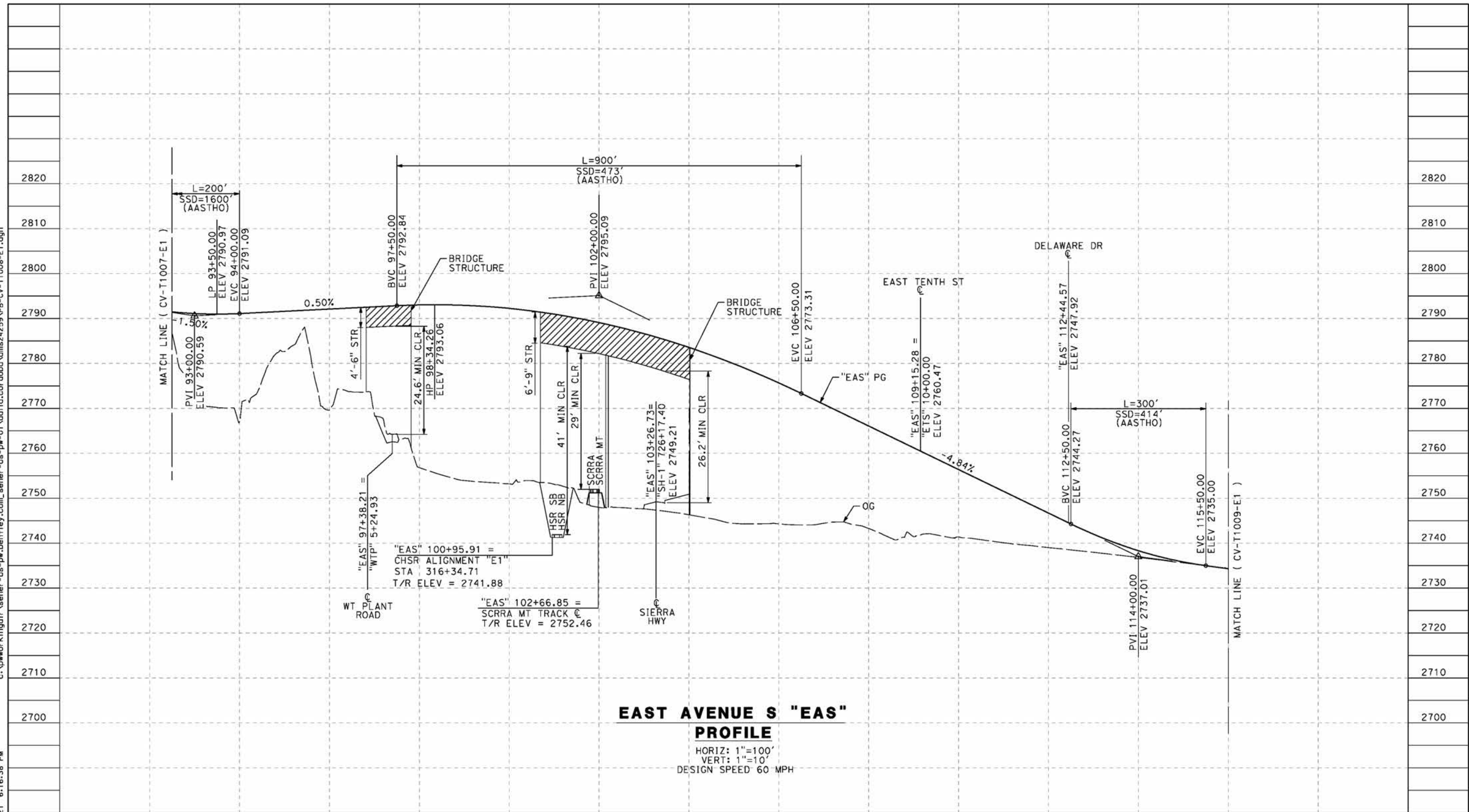
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1007-E1
 SCALE
AS SHOWN
 SHEET NO.

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																
CY																

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**



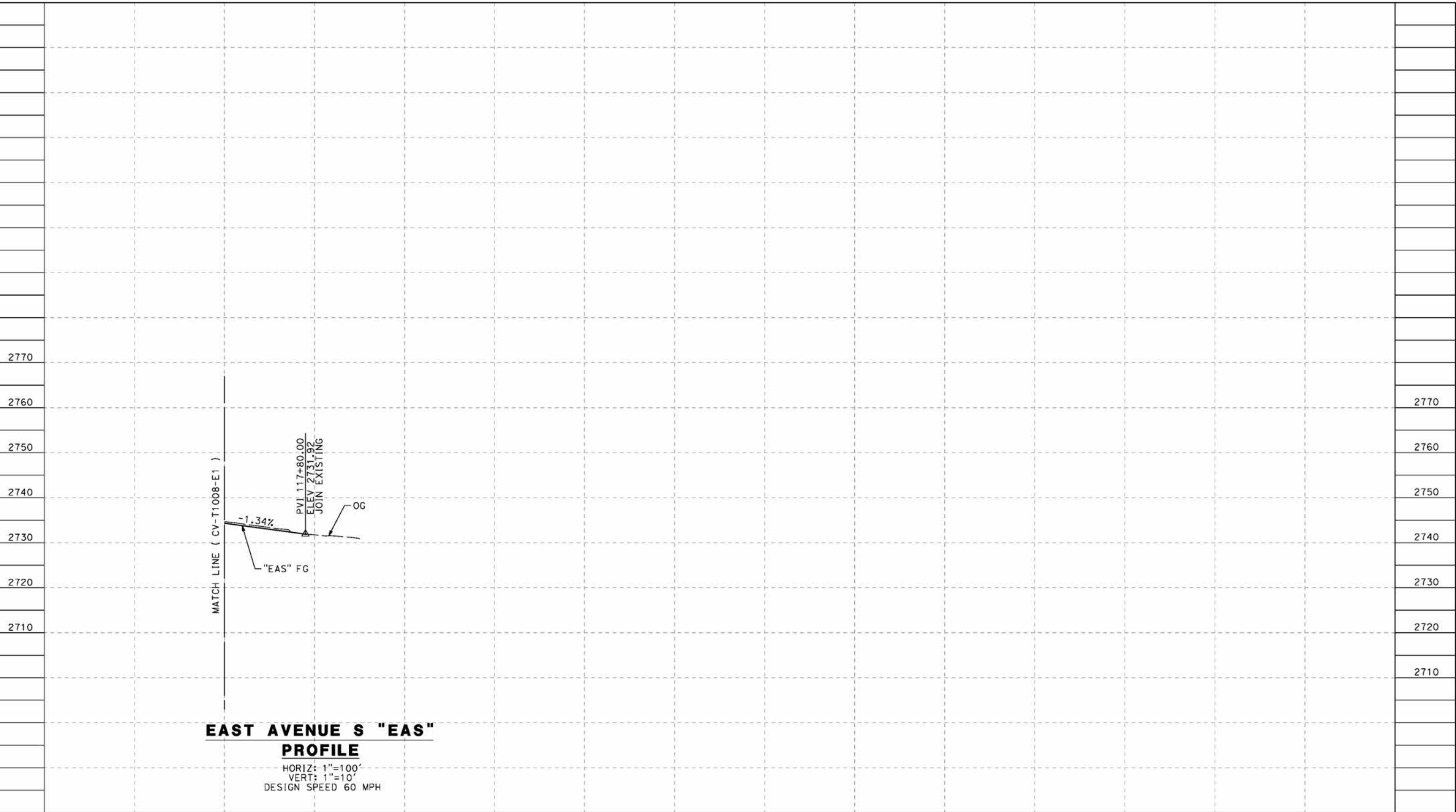
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 GRADE SEPARATION PROFILE
 EAST AVENUE S
 SHEET 2 OF 3

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

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5/24/2021 12:02:52 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		

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**



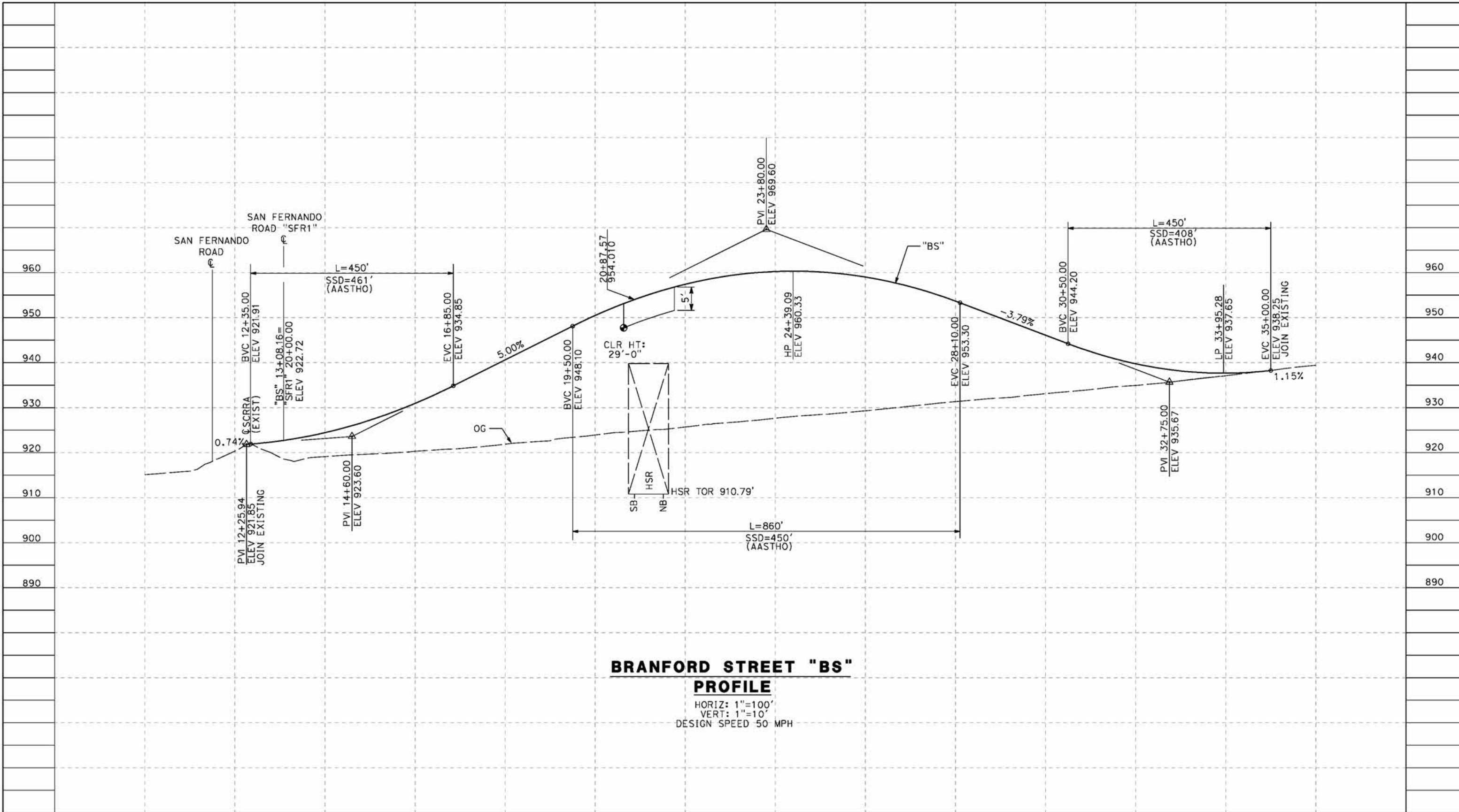
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
GRADE SEPARATION PROFILE
EAST AVENUE S
SHEET 3 OF 3

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

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5/24/2021 12:04:58 AM

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

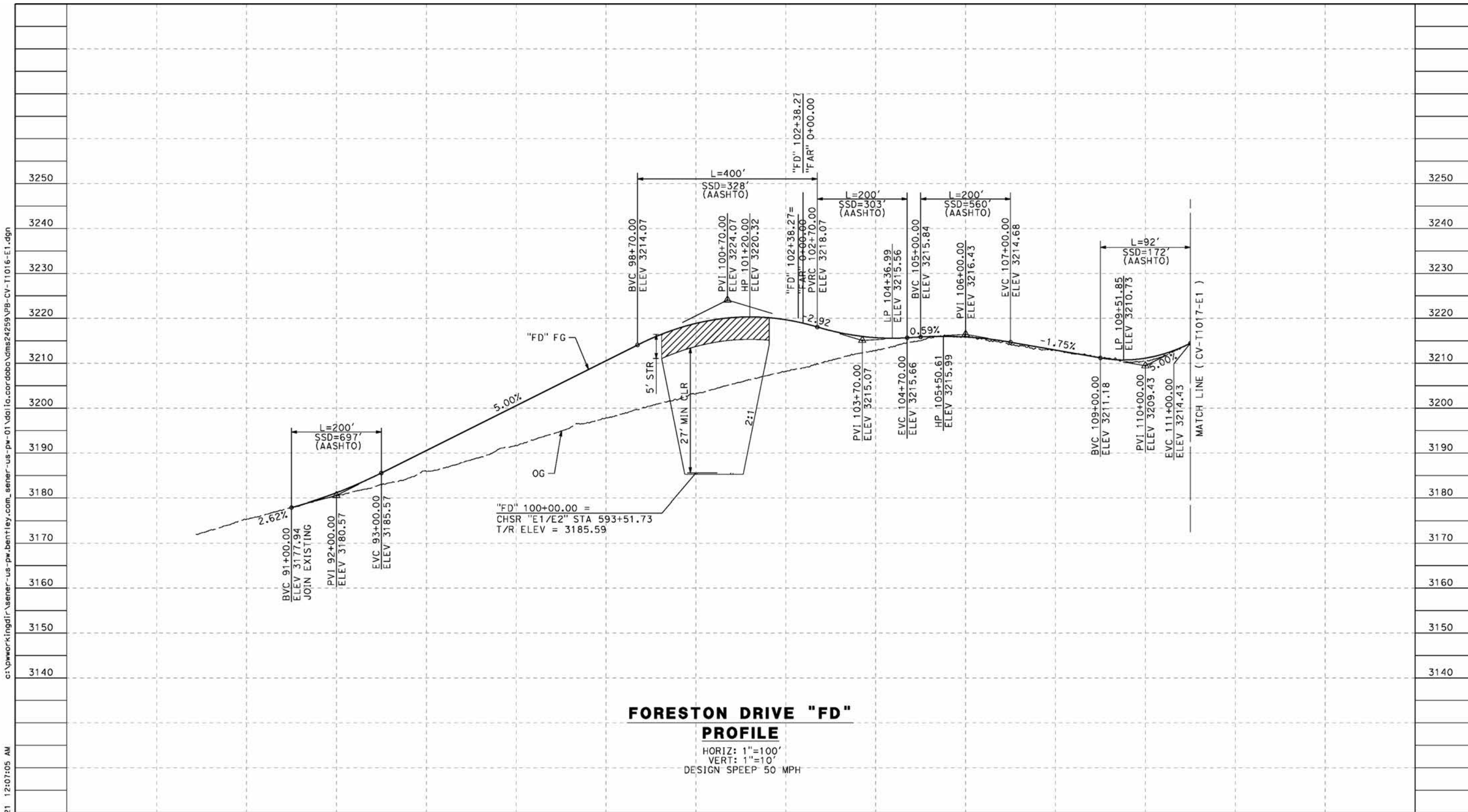


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 GRADE SEPARATION PROFILE
 BRANFORD STREET

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

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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
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**



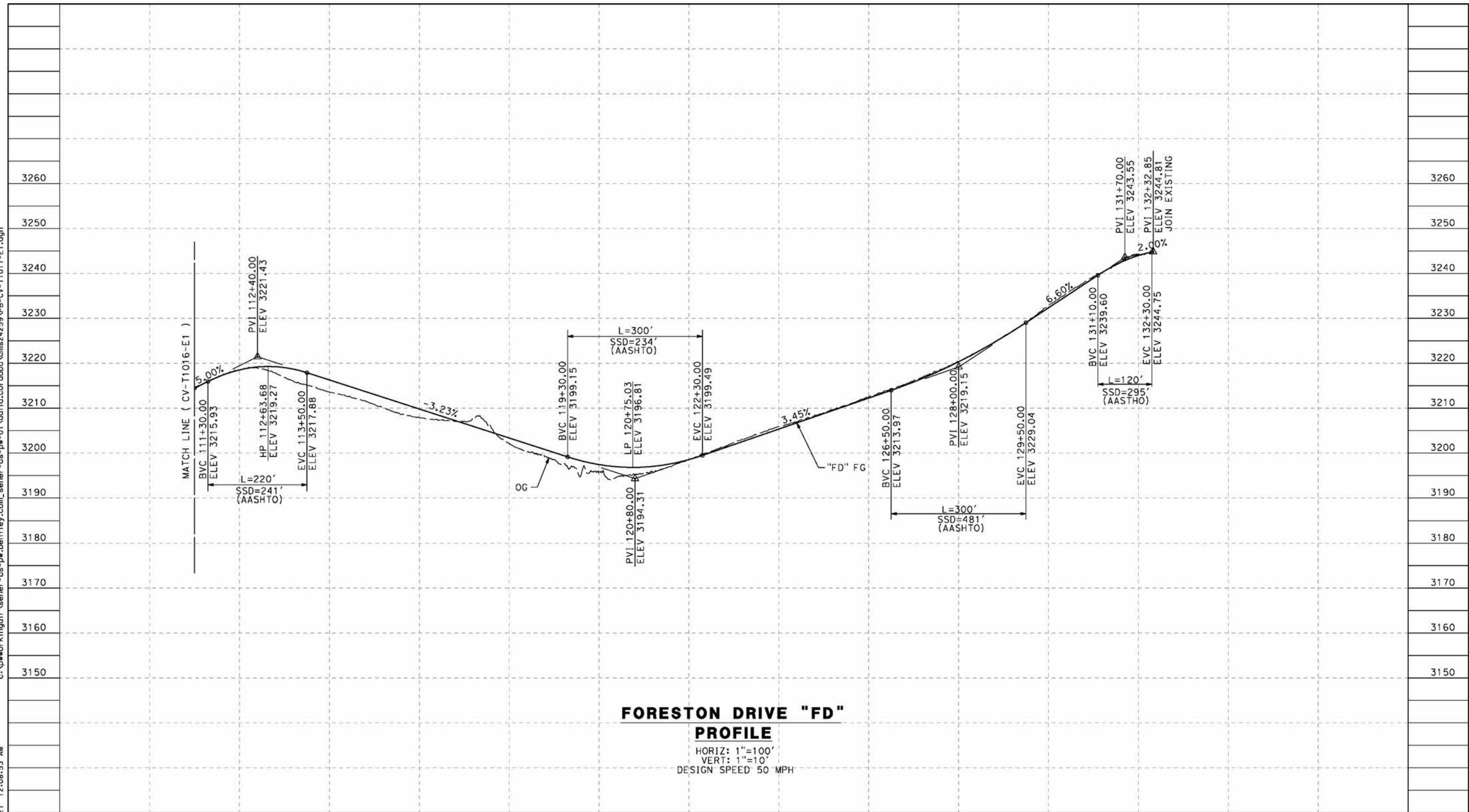
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

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



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
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**



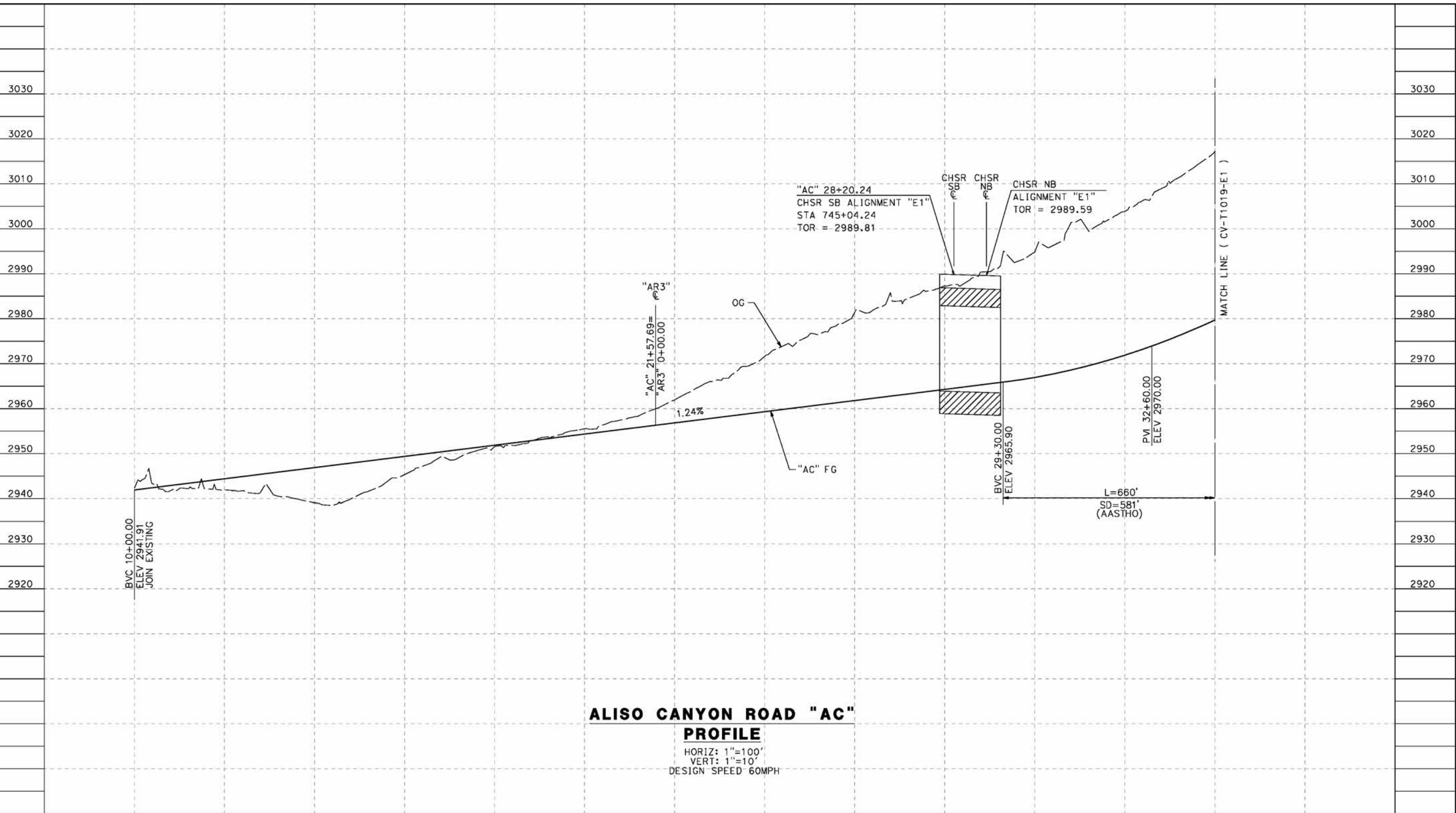
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 GRADE SEPARATION PROFILE
 FORESTON DRIVE
 SHEET 2 OF 2

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

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5/24/2021 12:10:45 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
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

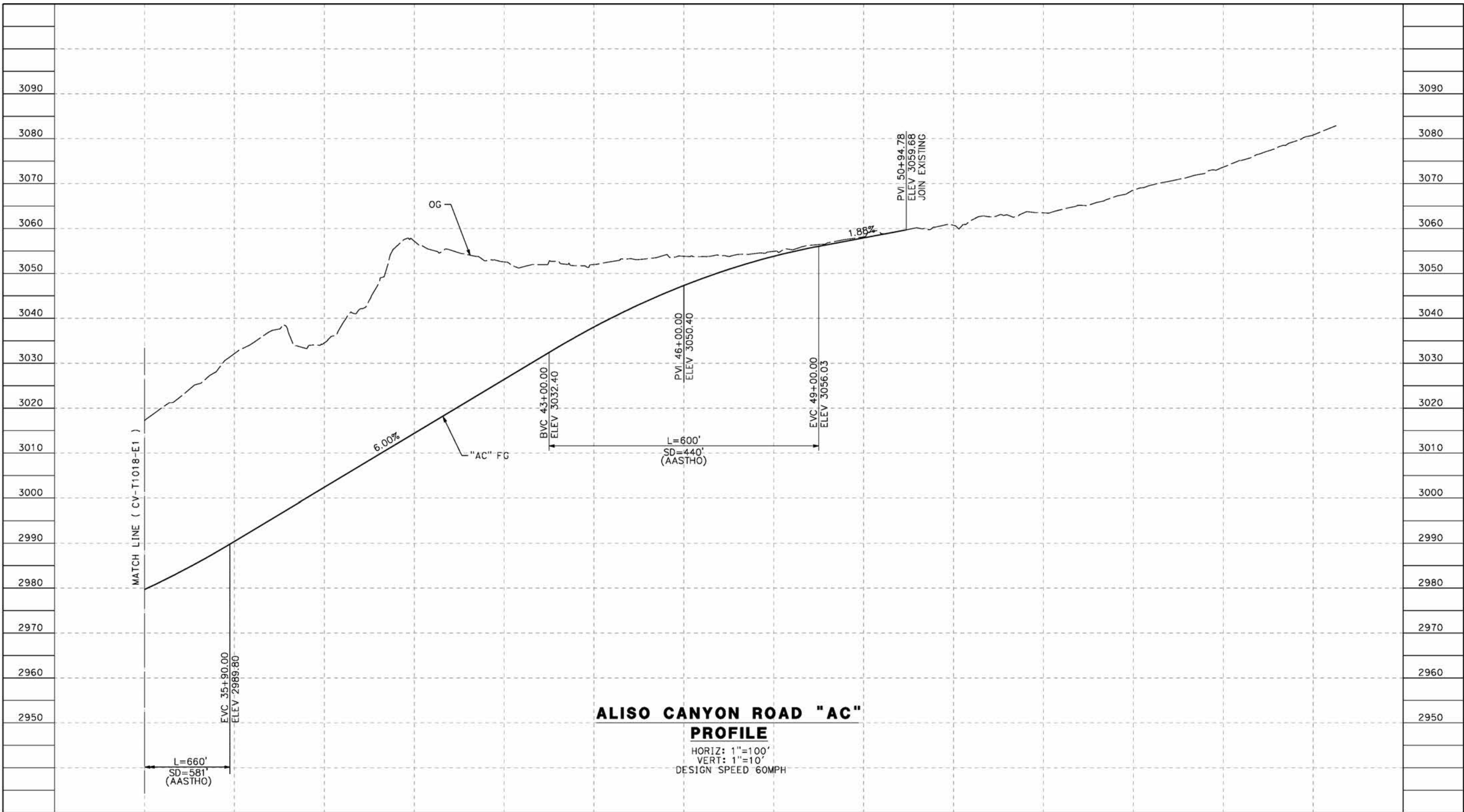
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HSR14-42
 DRAWING NO.
CV-T1018-E1
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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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
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**



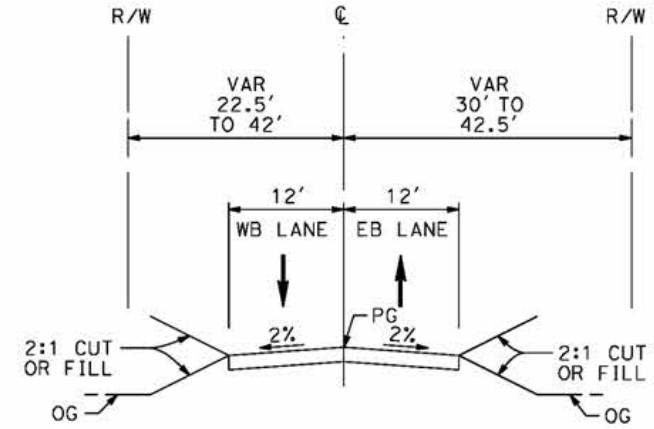
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 GRADE SEPARATION PROFILE
 ALISO CANYON ROAD
 SHEET 2 OF 2

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

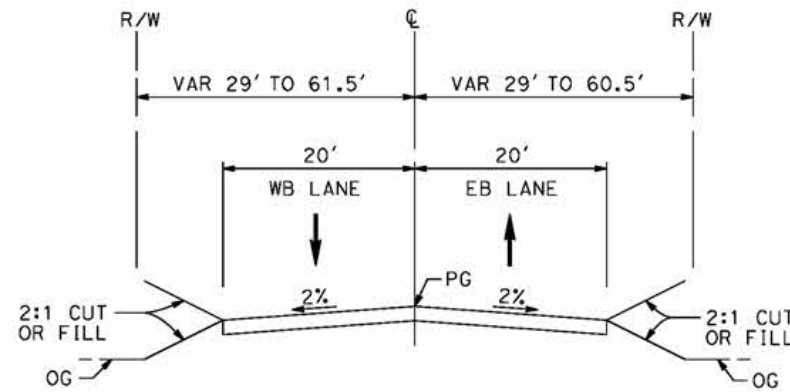
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4/27/2021 12:37:31 PM

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

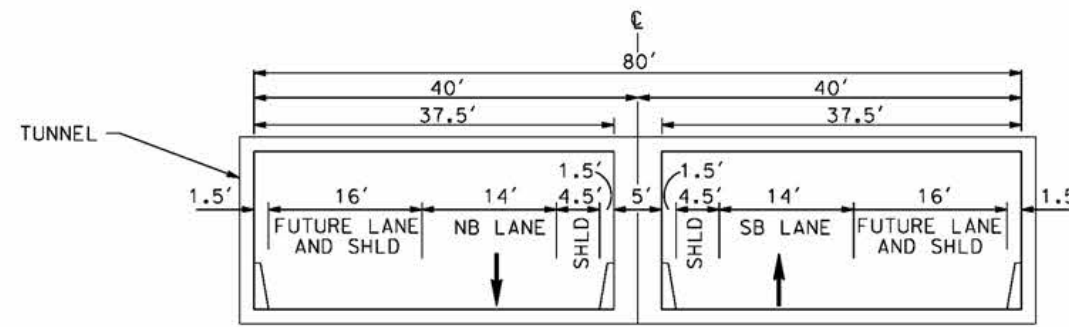
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
 REV 02
NOT FOR CONSTRUCTION

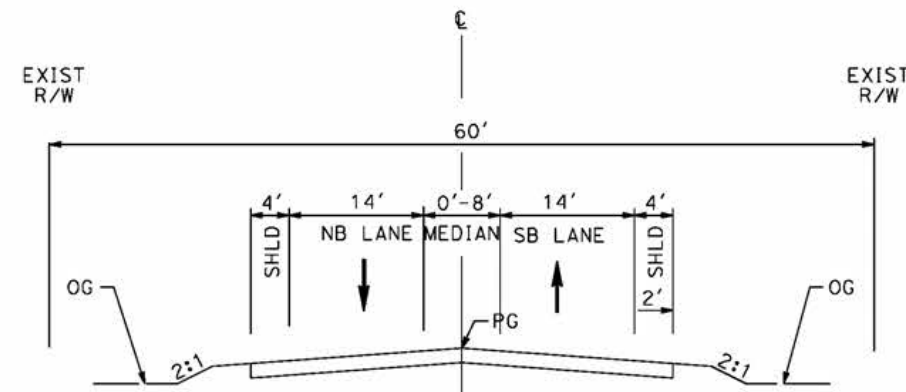


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 FORESTON DRIVE

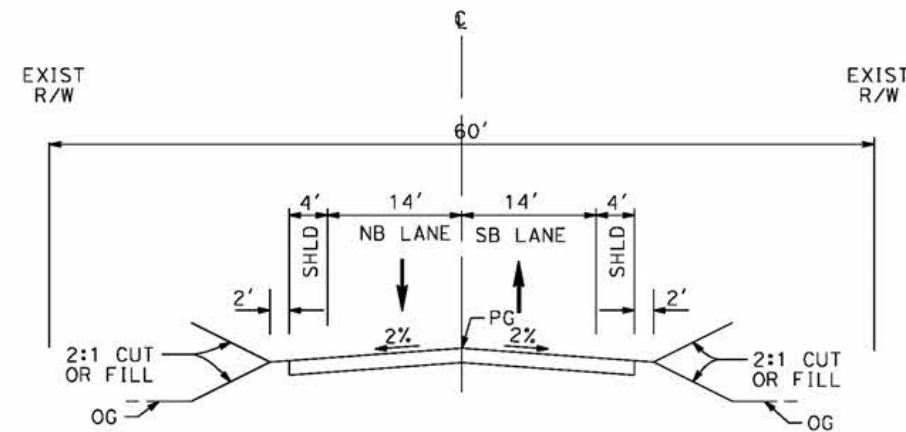
CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-T3001-E1
 SCALE
 NO SCALE
 SHEET NO.



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



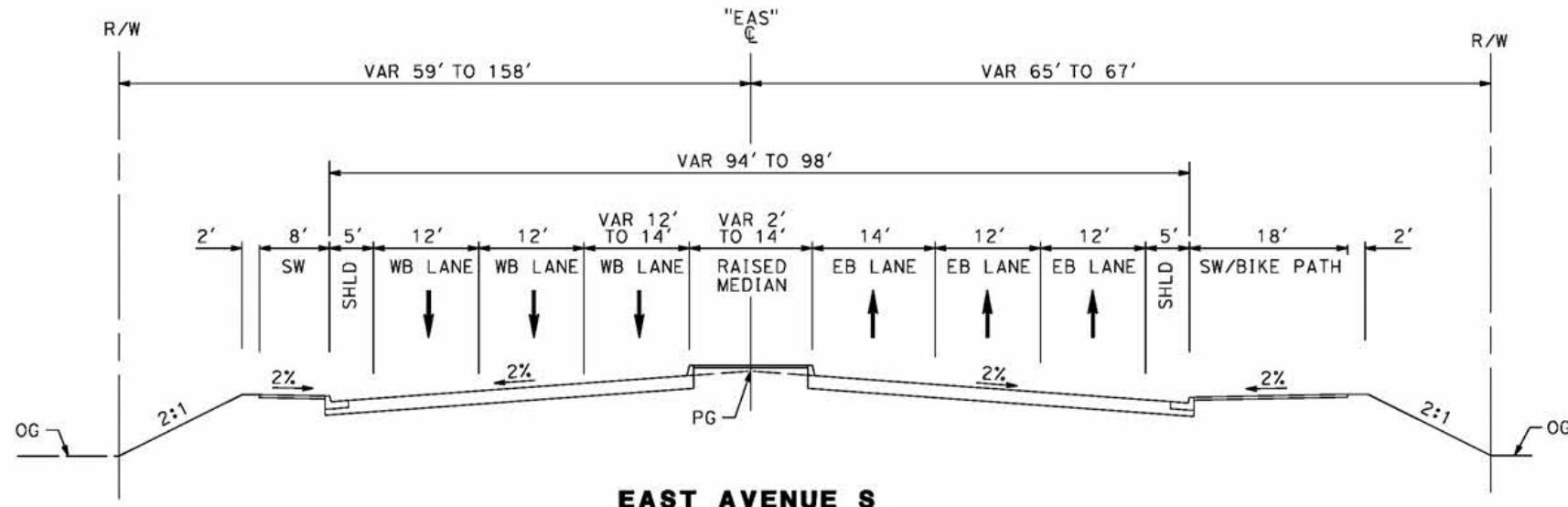
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 ALISO CANYON ROAD

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

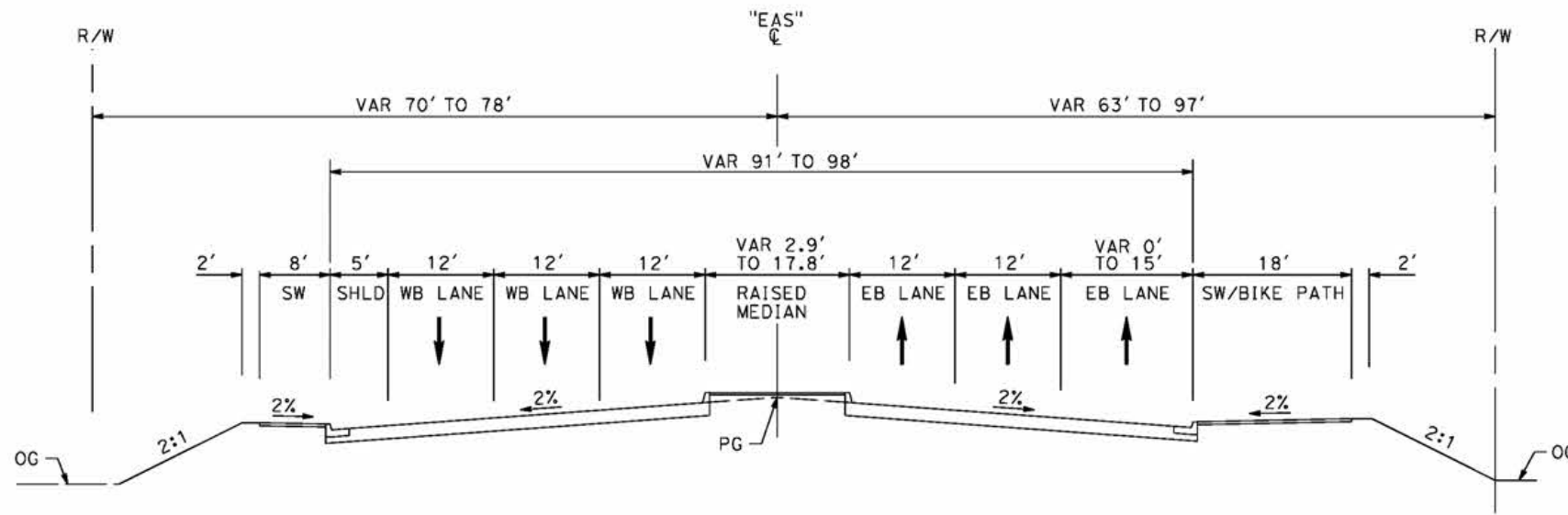
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4/27/2021 12:41:22 PM

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



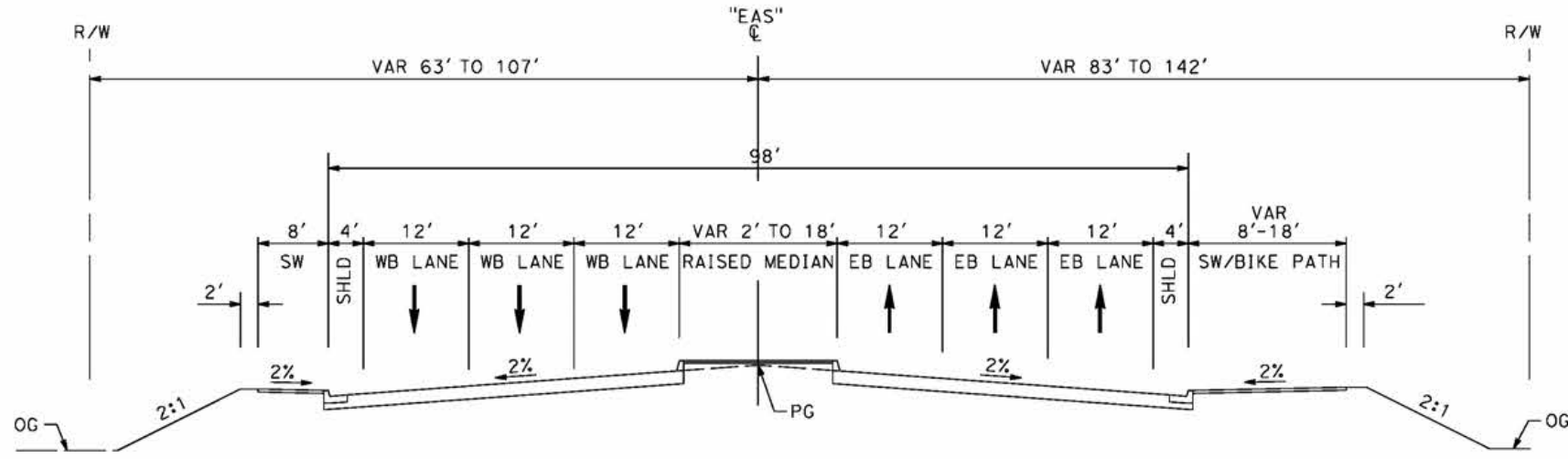
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 EAST AVENUE S
 SHEET 1 OF 2

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

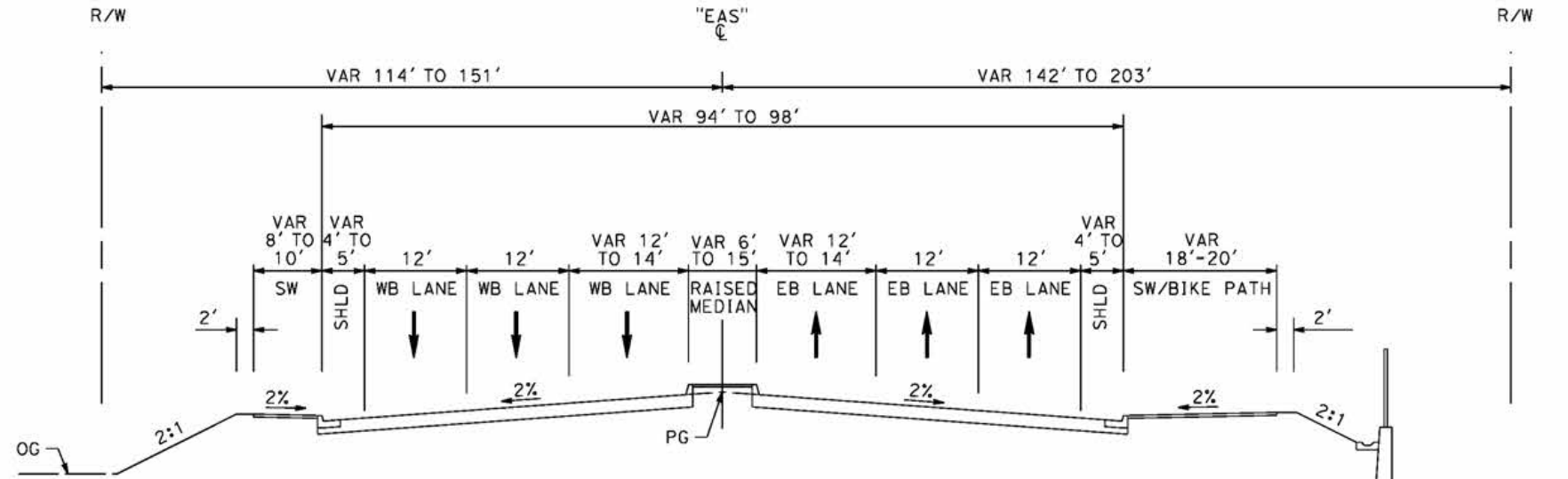
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4/27/2021 12:42:47 PM

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



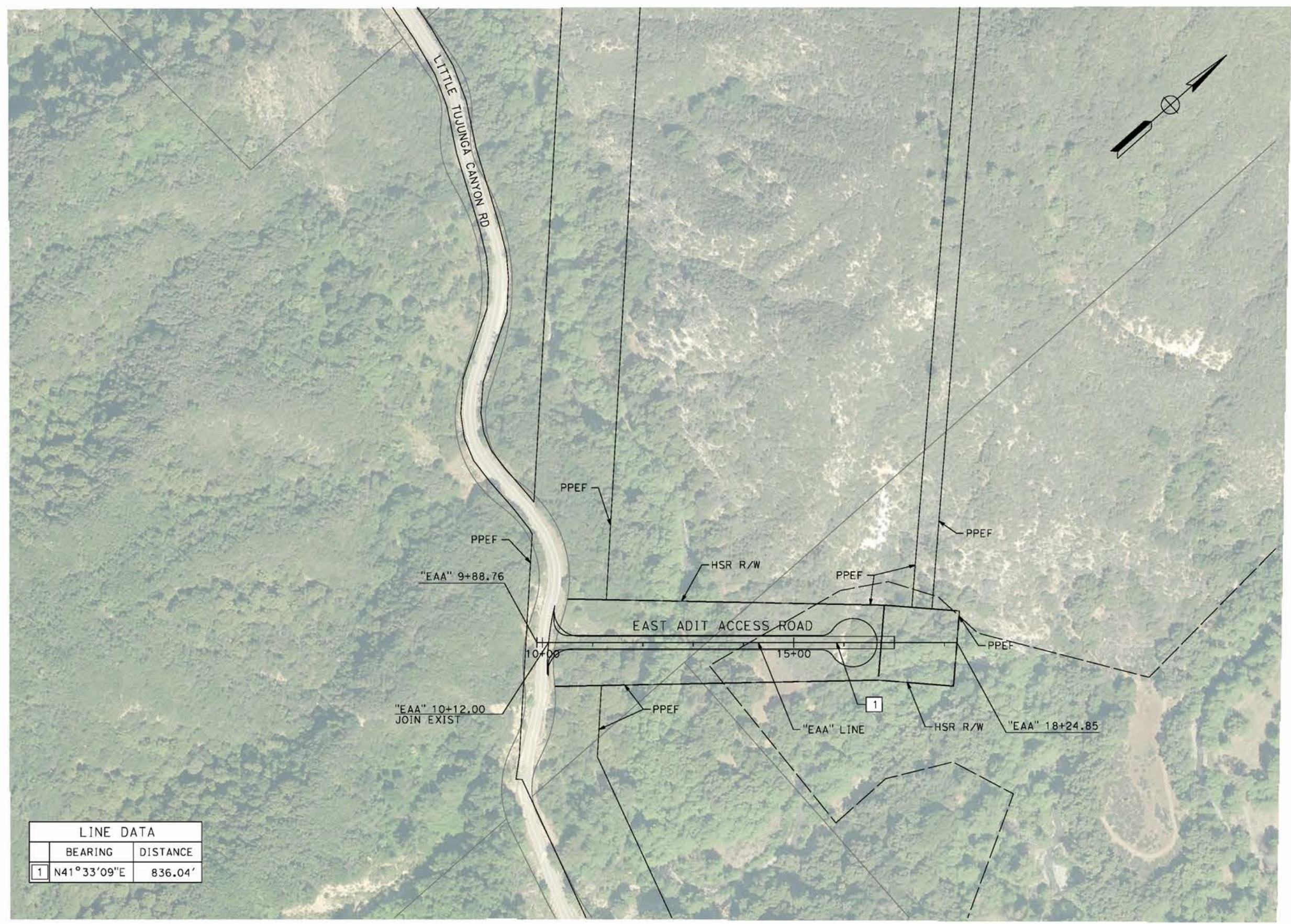
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 EAST AVENUE S
 SHEET 2 OF 2

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

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5/21/2021 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**



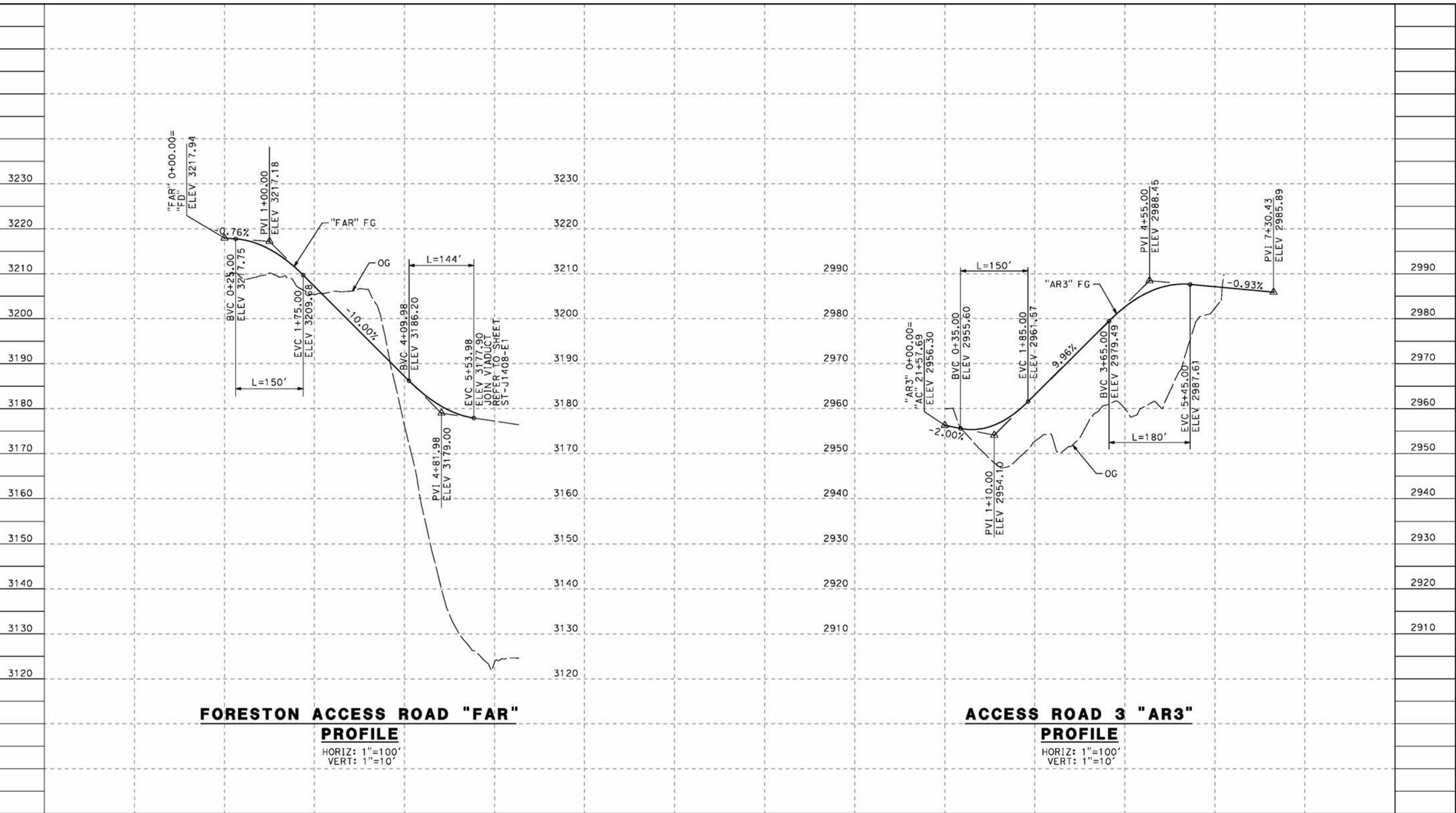
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
ACCESS ROAD PLAN
EAST ADIT ACCESS ROAD

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

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5/10/2021 4:57:33 AM

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

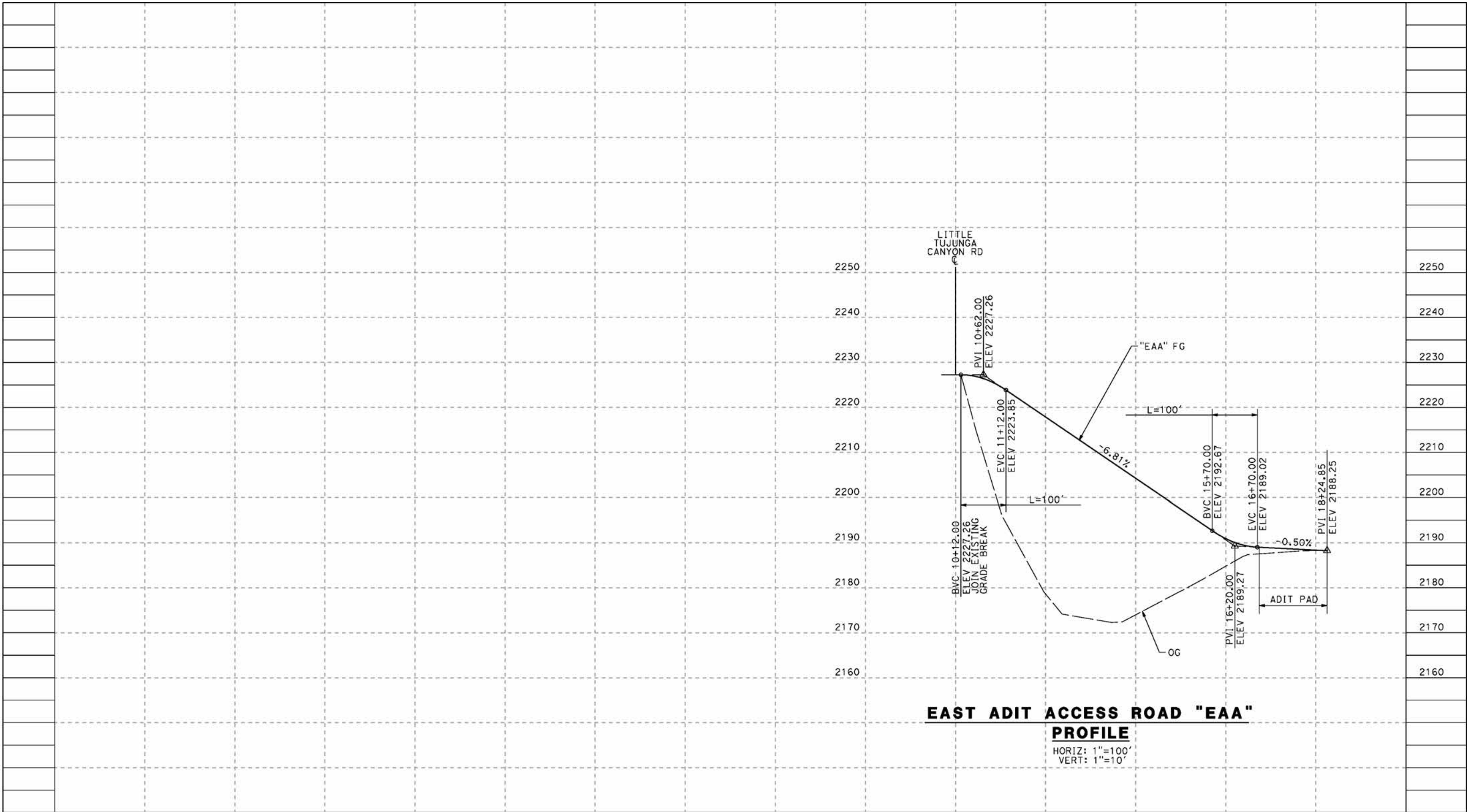
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HSR14-42
DRAWING NO.
CV-Y1001-E1
SCALE
AS SHOWN
SHEET NO.

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
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



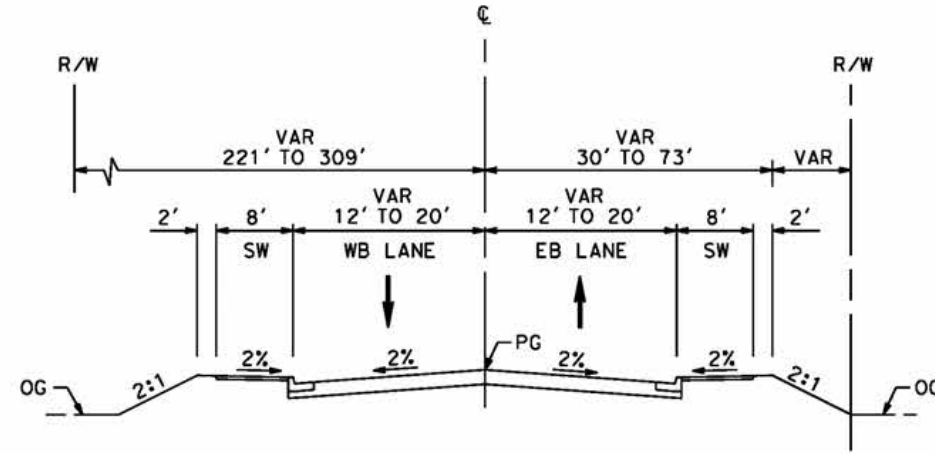
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 ACCESS ROAD PROFILE
 EAST ADIT ACCESS ROAD

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

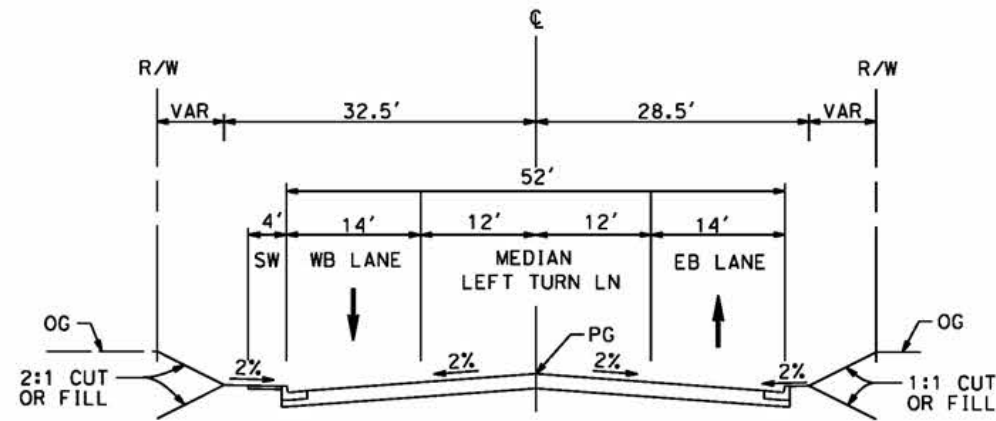
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7/22/2021 12:39:29 AM

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**



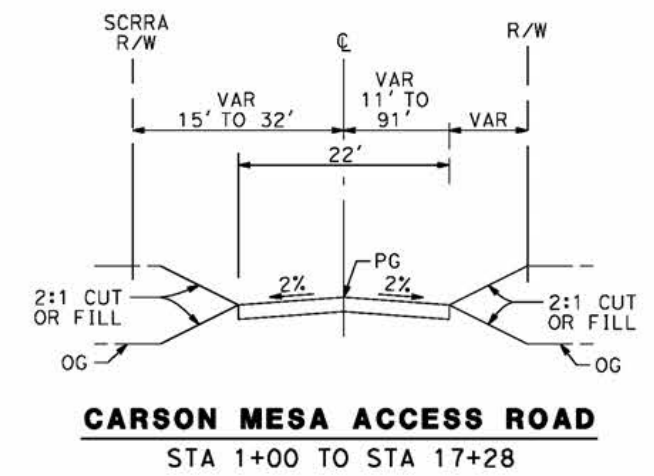
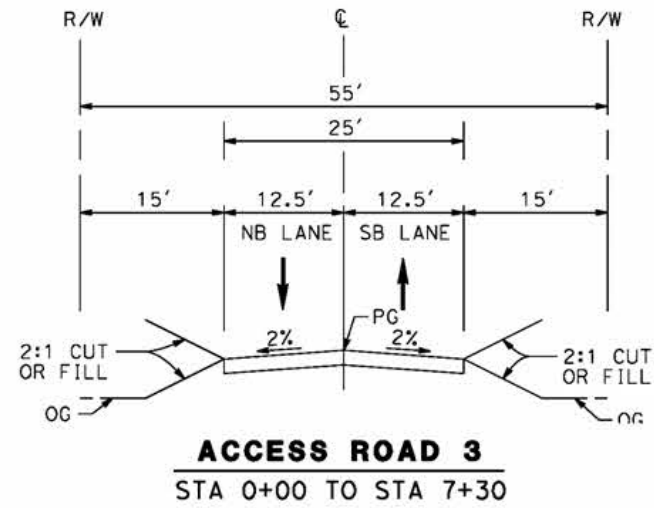
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1"
 TYPICAL SECTIONS
 VALLEY FORGE AND EAST AVE R11

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

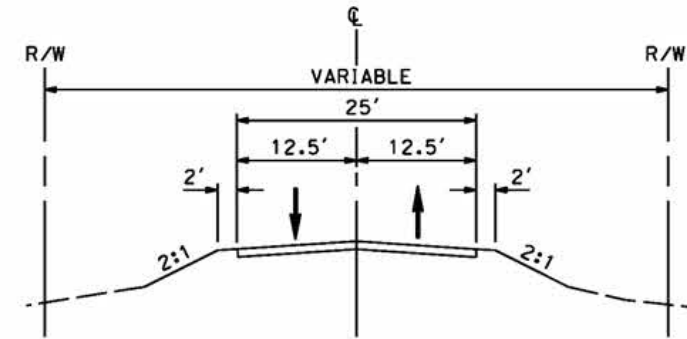
SCALE
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SHEET NO.

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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**



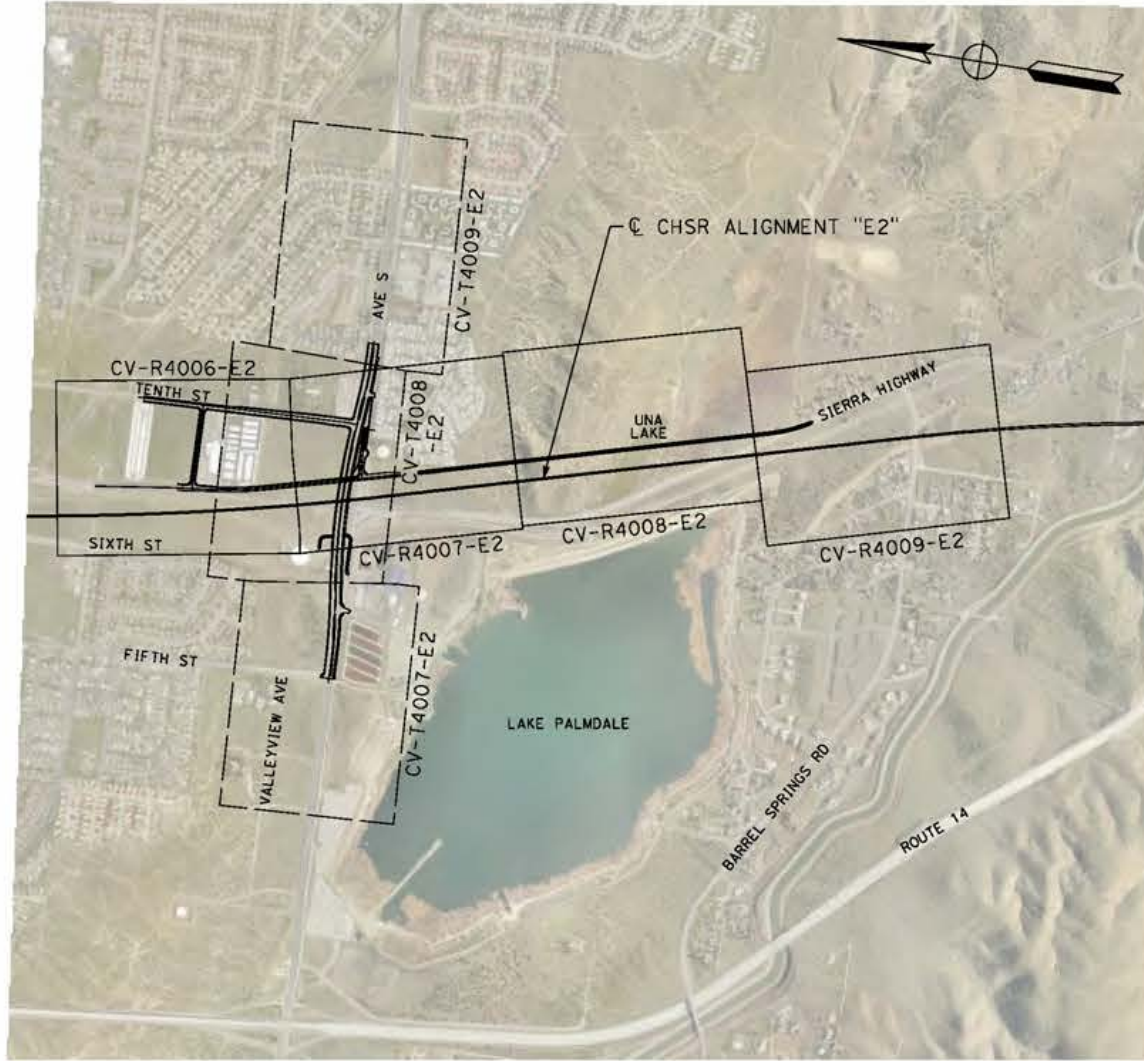
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1"
TYPICAL SECTIONS
EAST ADIT ACCESS ROAD

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

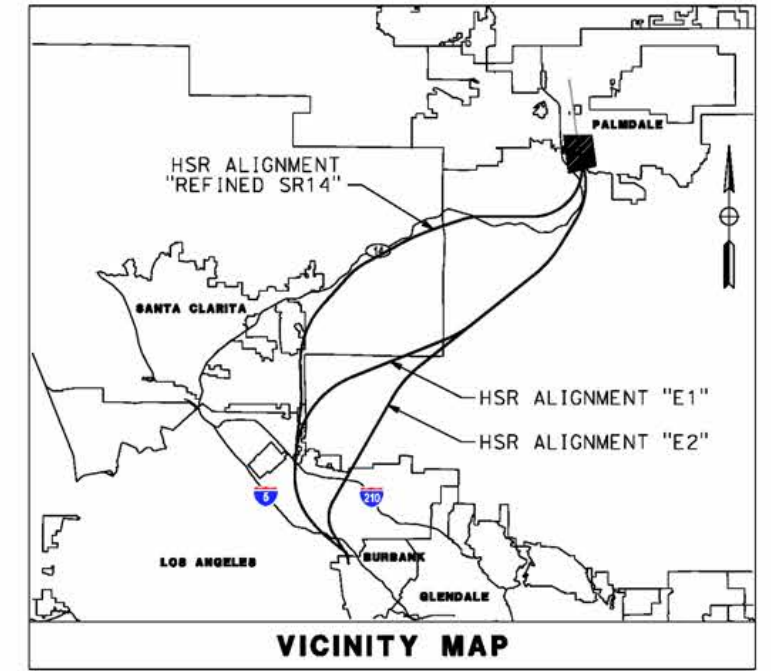
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5/24/2021 12:37:04 AM



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.

c:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalio.coroba\dms24260VPB-CV-B0002-E2.dgn

5/24/2021 12:39:49 AM

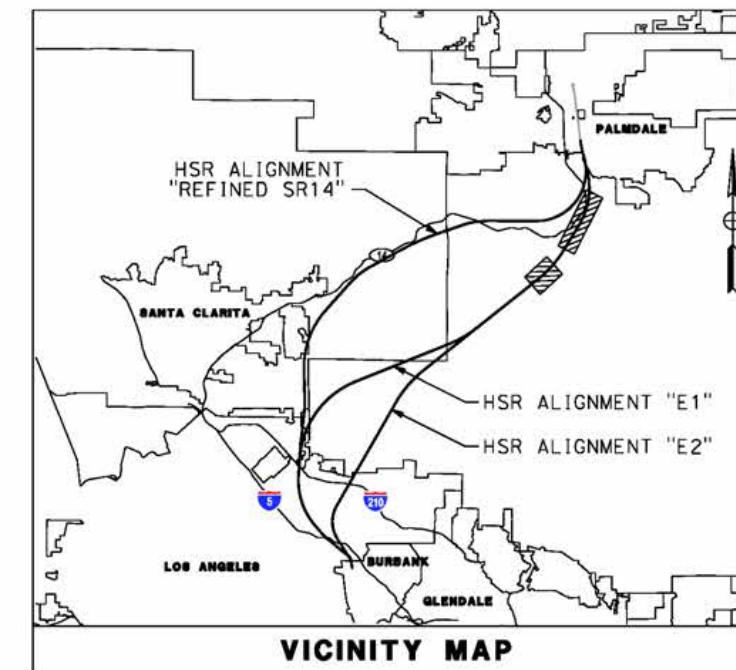
cordo



E2





E2



VICINITY MAP

LEGEND:

-  ROADWAY PLAN AND ACCESS ROAD PLAN
-  GRADE SEPARATION PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

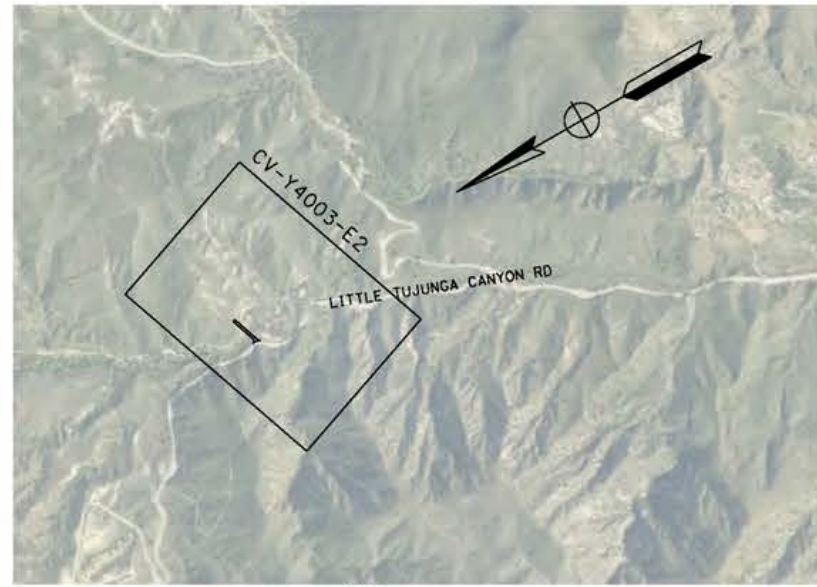
DESIGNED BY
J.C. ALAMILLA
DRAWN BY
A. SANZ
CHECKED BY
W. GUO
IN CHARGE
A. RELANO
DATE
04/30/2021

**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 2 OF 3


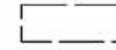
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0002-E2
SCALE
AS SHOWN
SHEET NO.

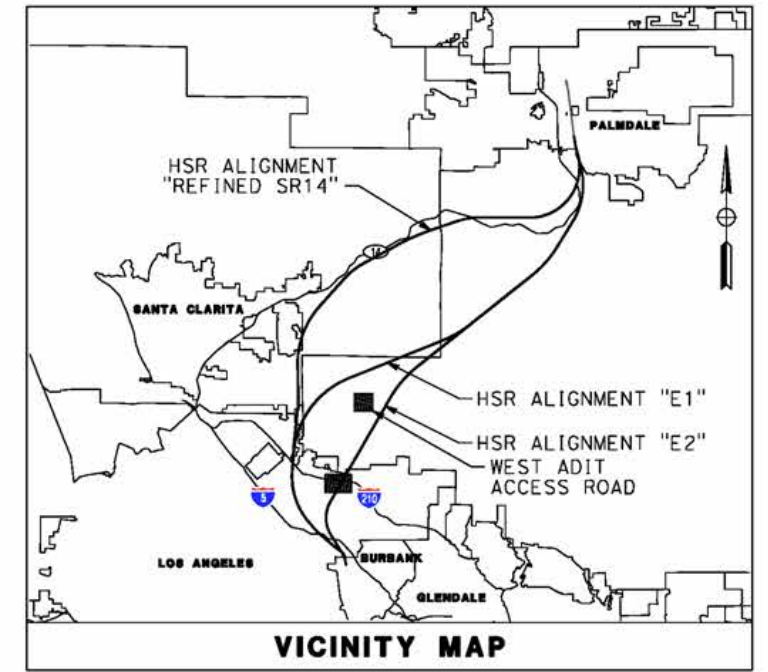


E2

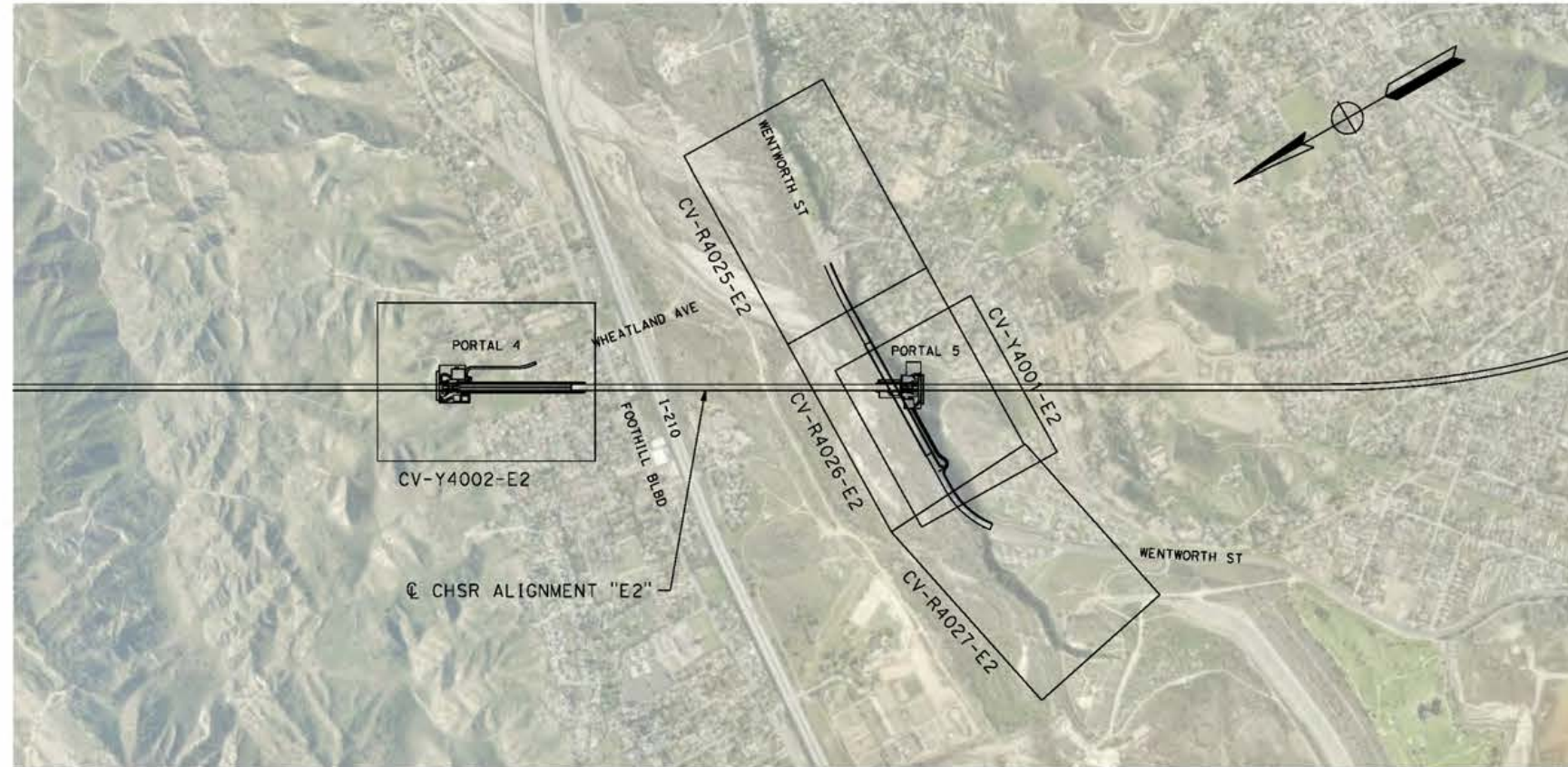
AT APPROXIMATE CHSR ALIGNMENT "E2" STA 1463+50

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**



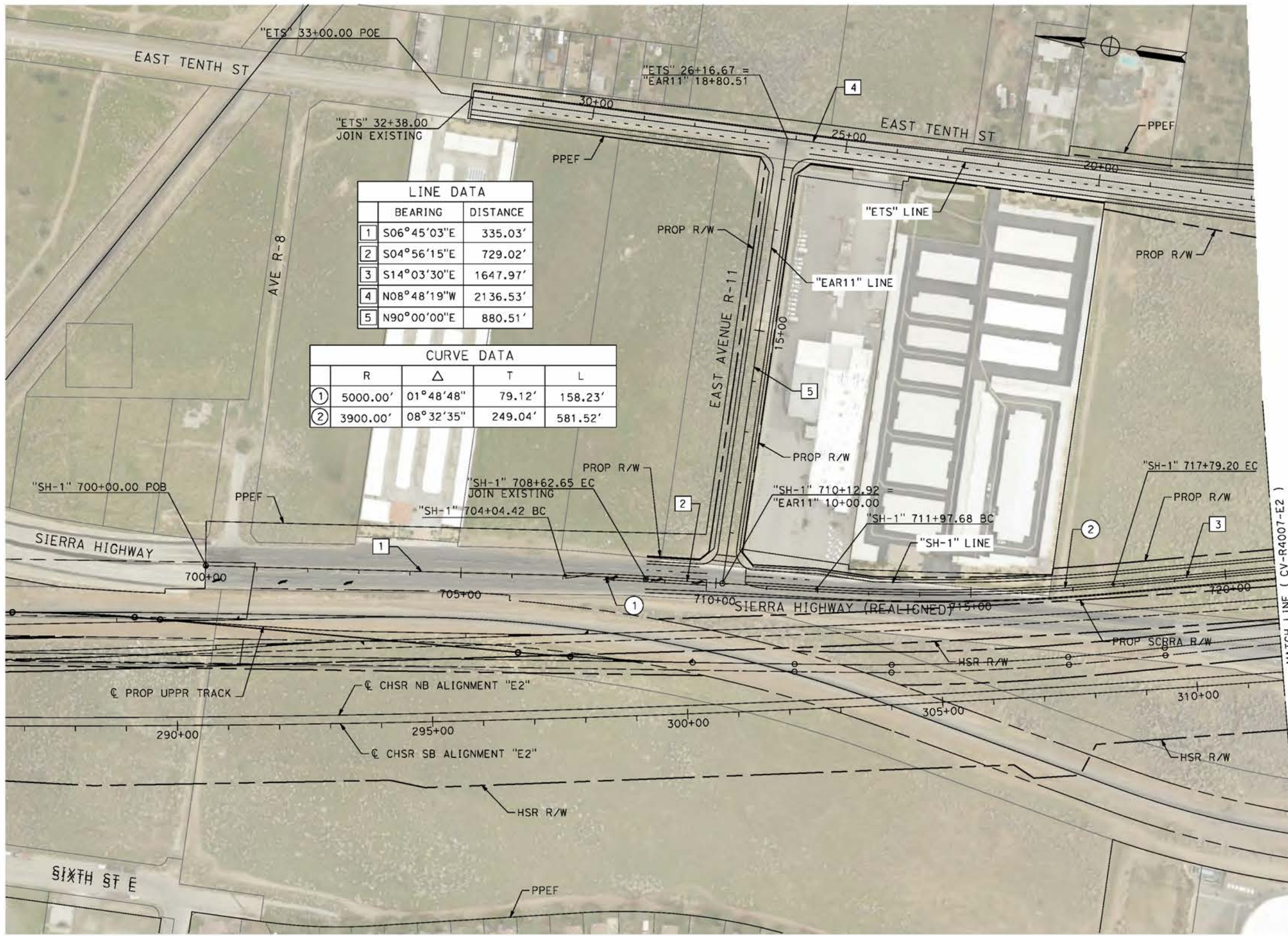
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY AND GRADE SEPARATION PLAN
KEY MAP
SHEET 3 OF 3

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



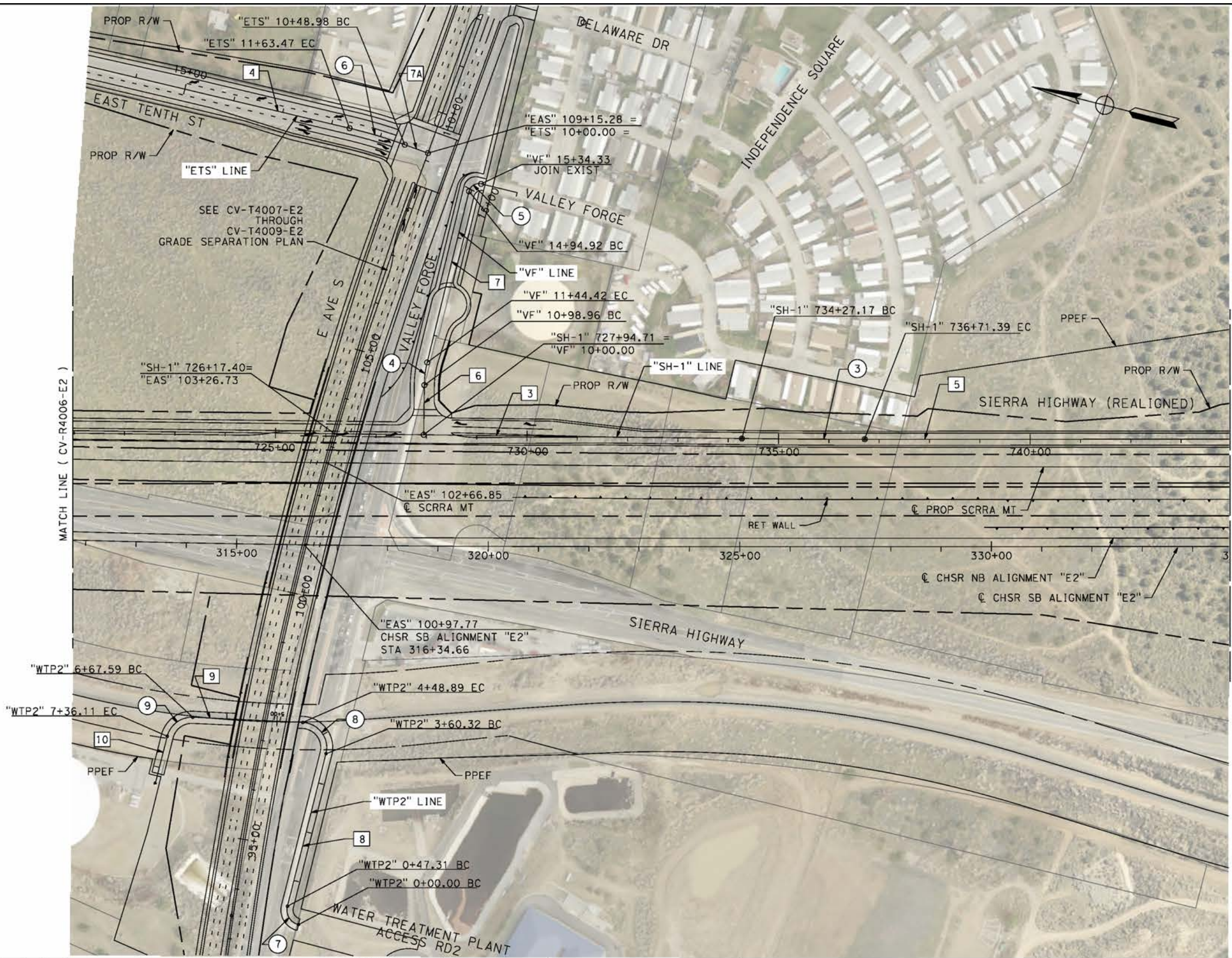
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1"
SHEET 1 OF 4

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

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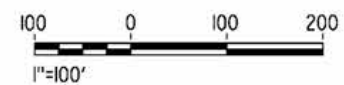
5/27/2021 7:43:43 AM

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



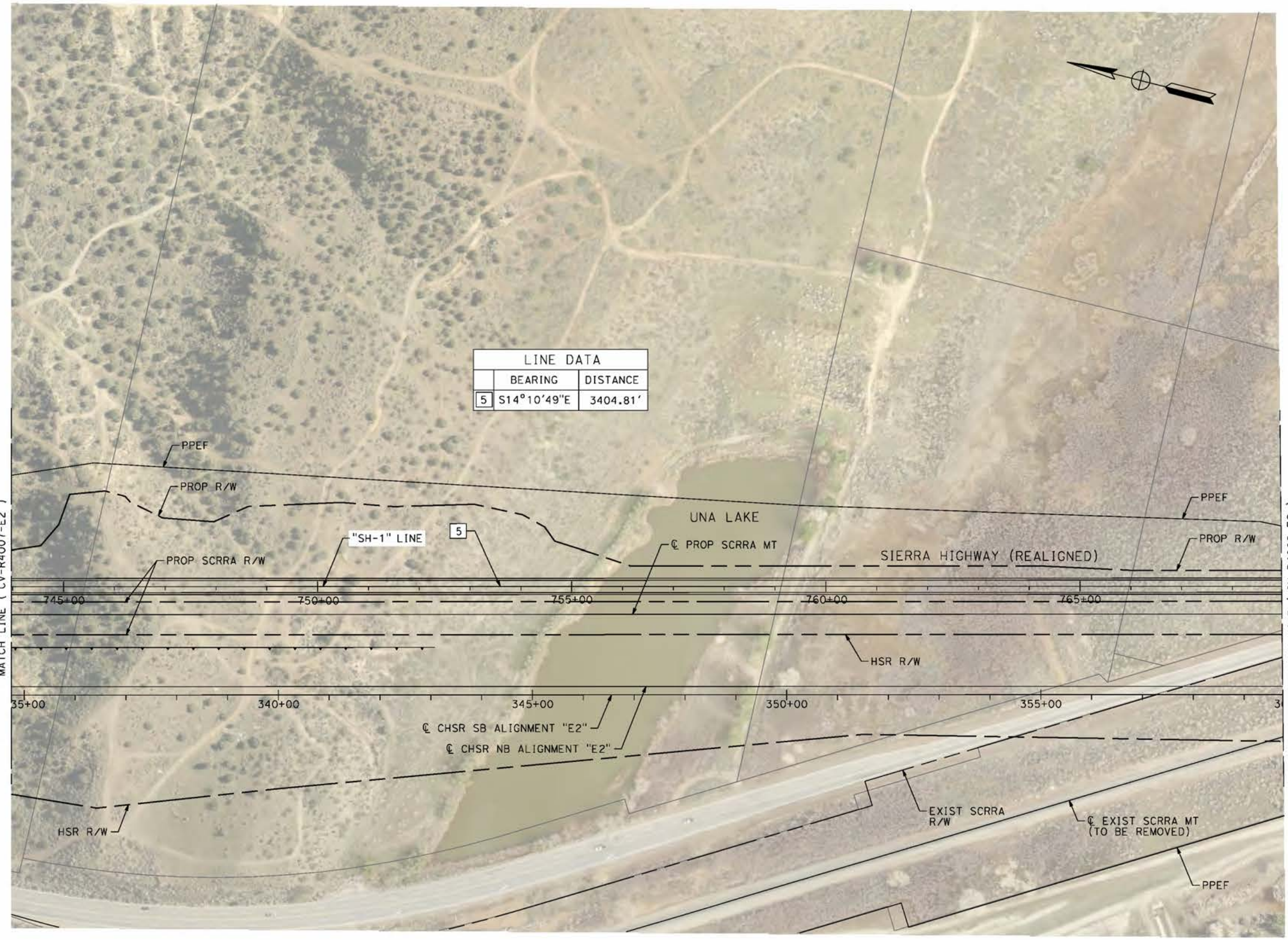
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1" AND WATER TREATMENT PLANT
ACCESS RD2 - SHEET 2 OF 4

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

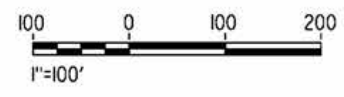
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5/12/2021 7:43:01 PM

cordo



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



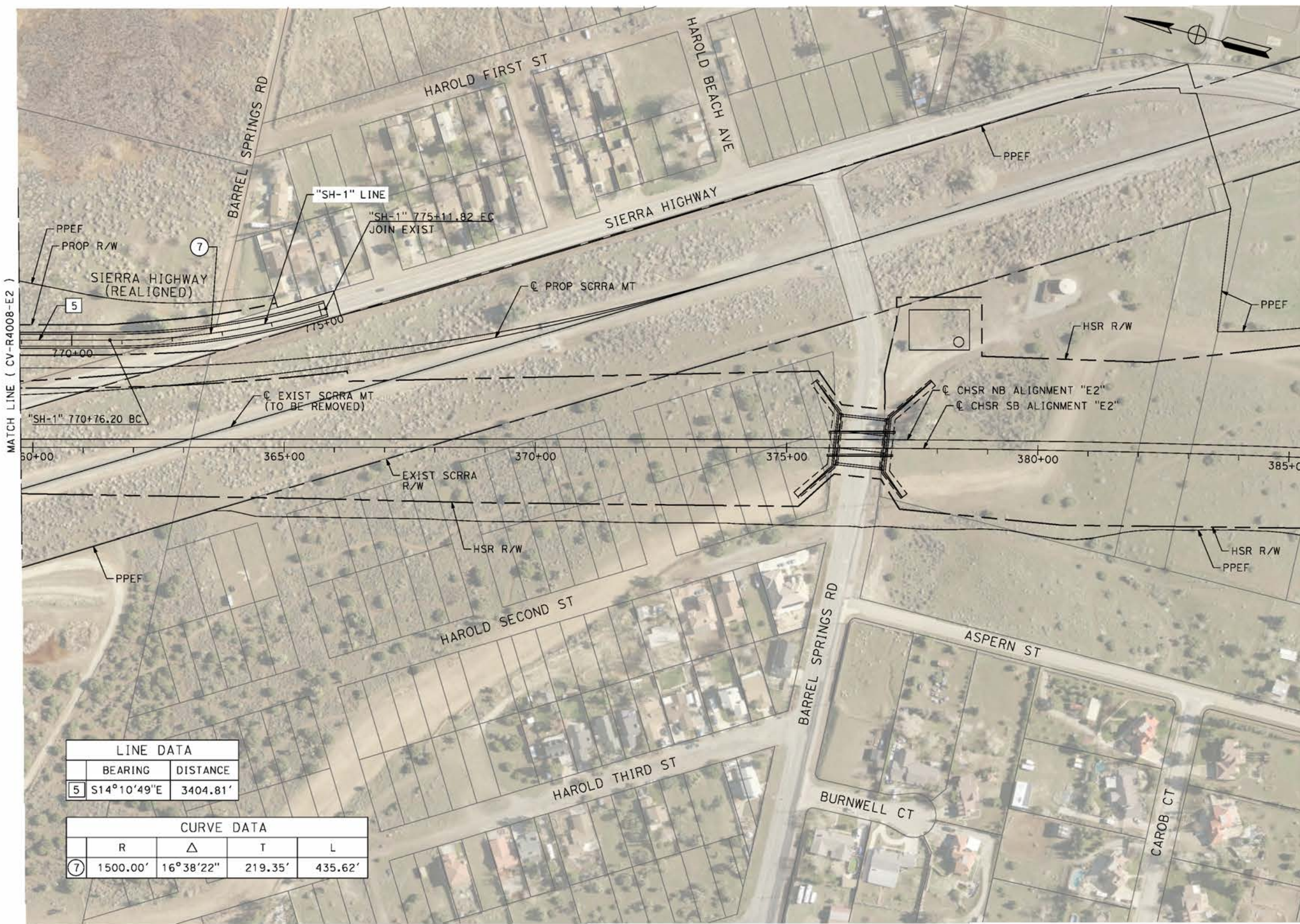
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1"
SHEET 3 OF 4

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**



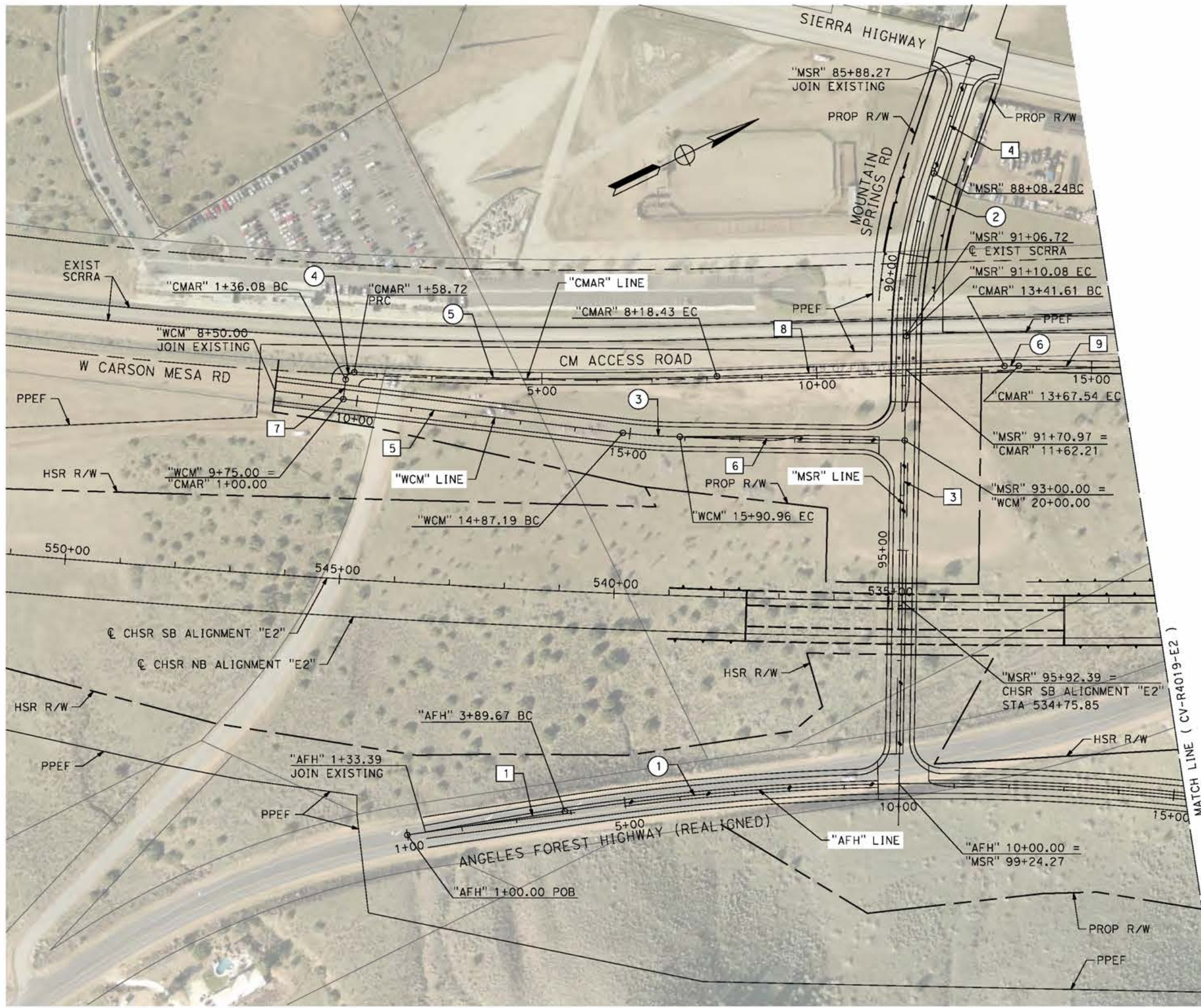
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-1"
SHEET 4 OF 4

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

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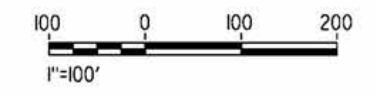
5/25/2021 8:31:09 PM

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



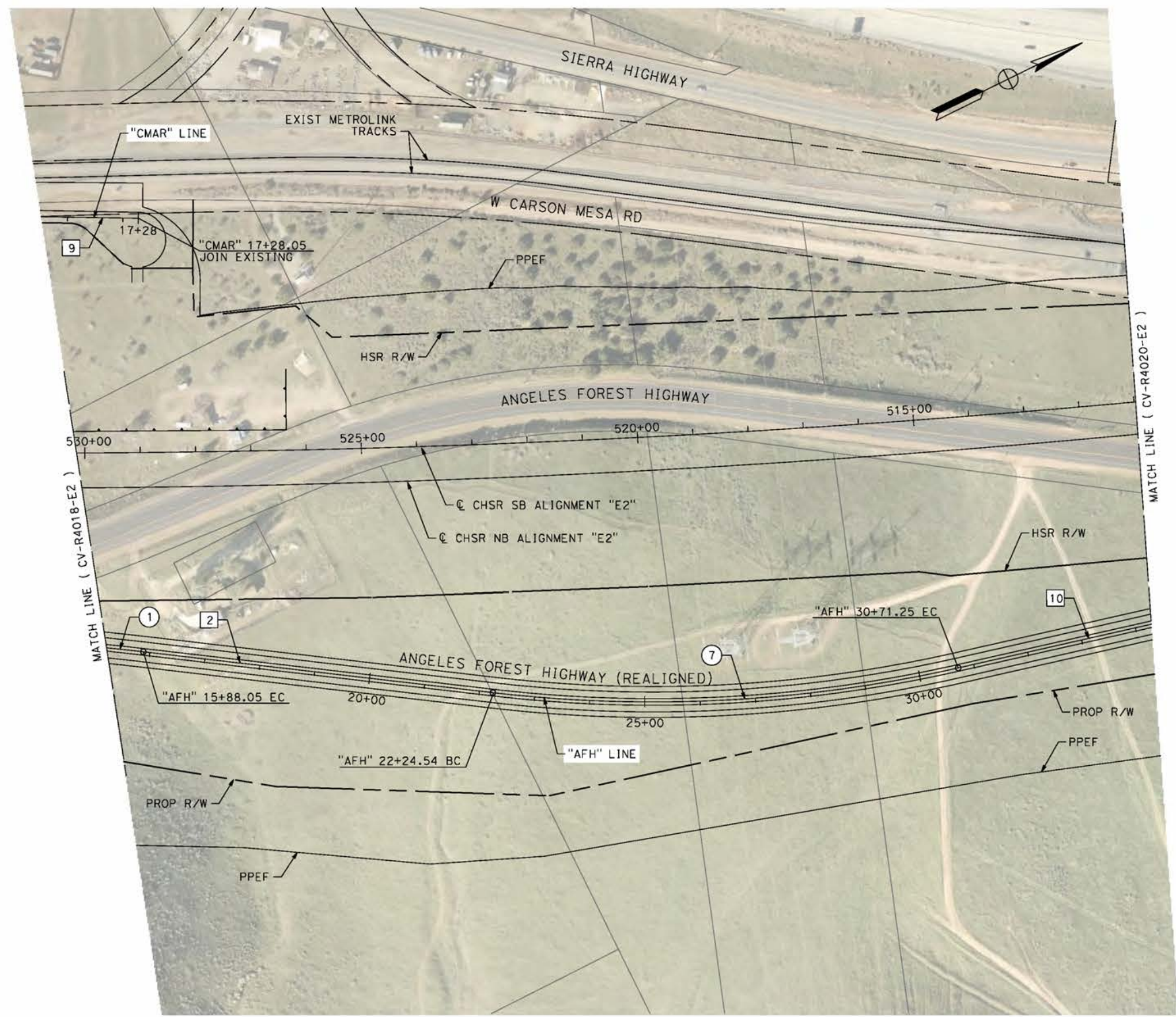
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
ROADWAY PLAN
ANGELES FOREST HIGHWAY, W CARSON MESA ROAD
AND MOUNTAIN SPRINGS ROAD

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

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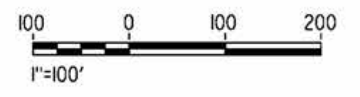
5/12/2021 8:02:32 PM

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



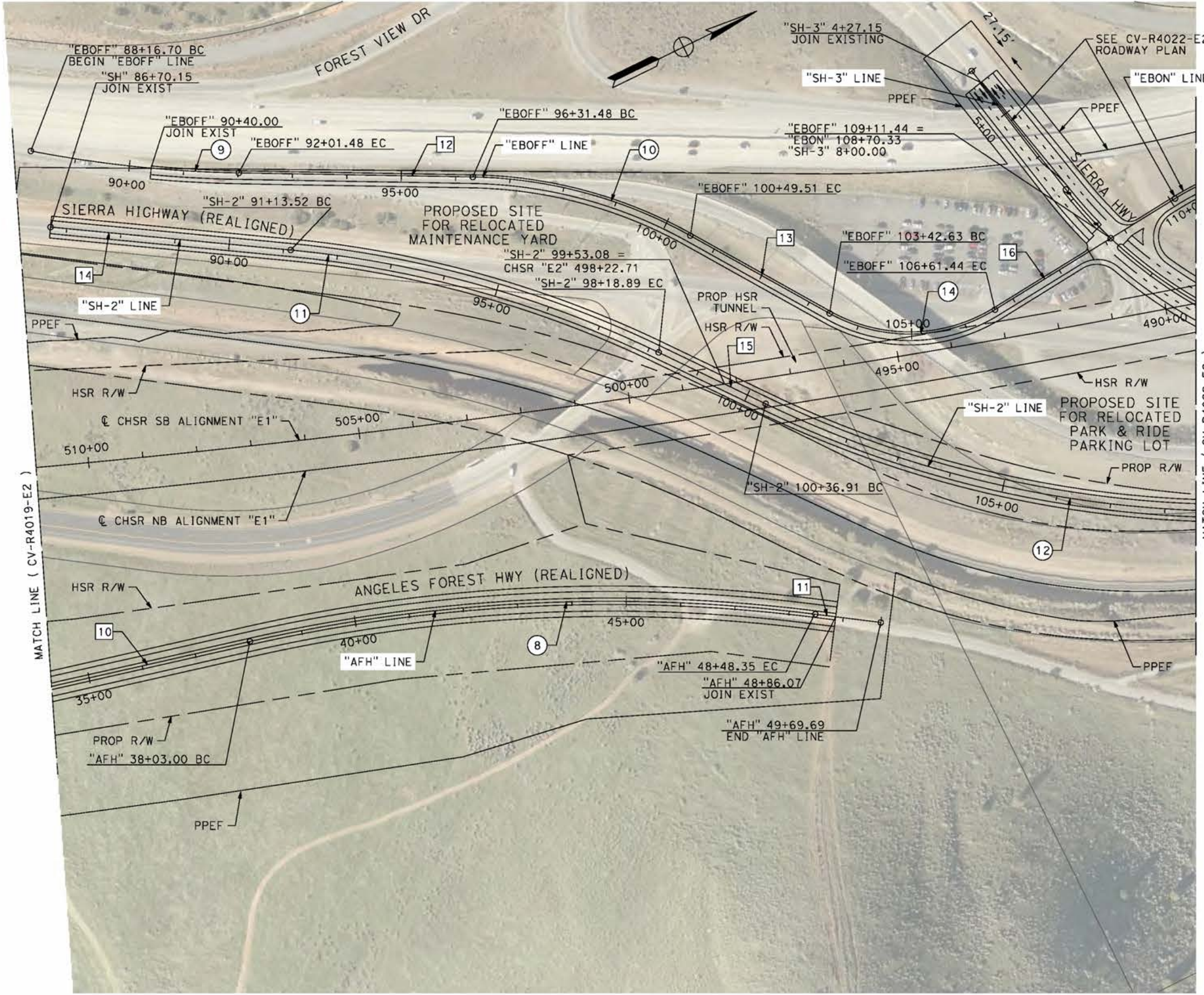
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
ROADWAY PLAN
ANGELES FOREST HIGHWAY

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

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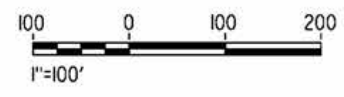
5/24/2021 1:08:35 AM

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.

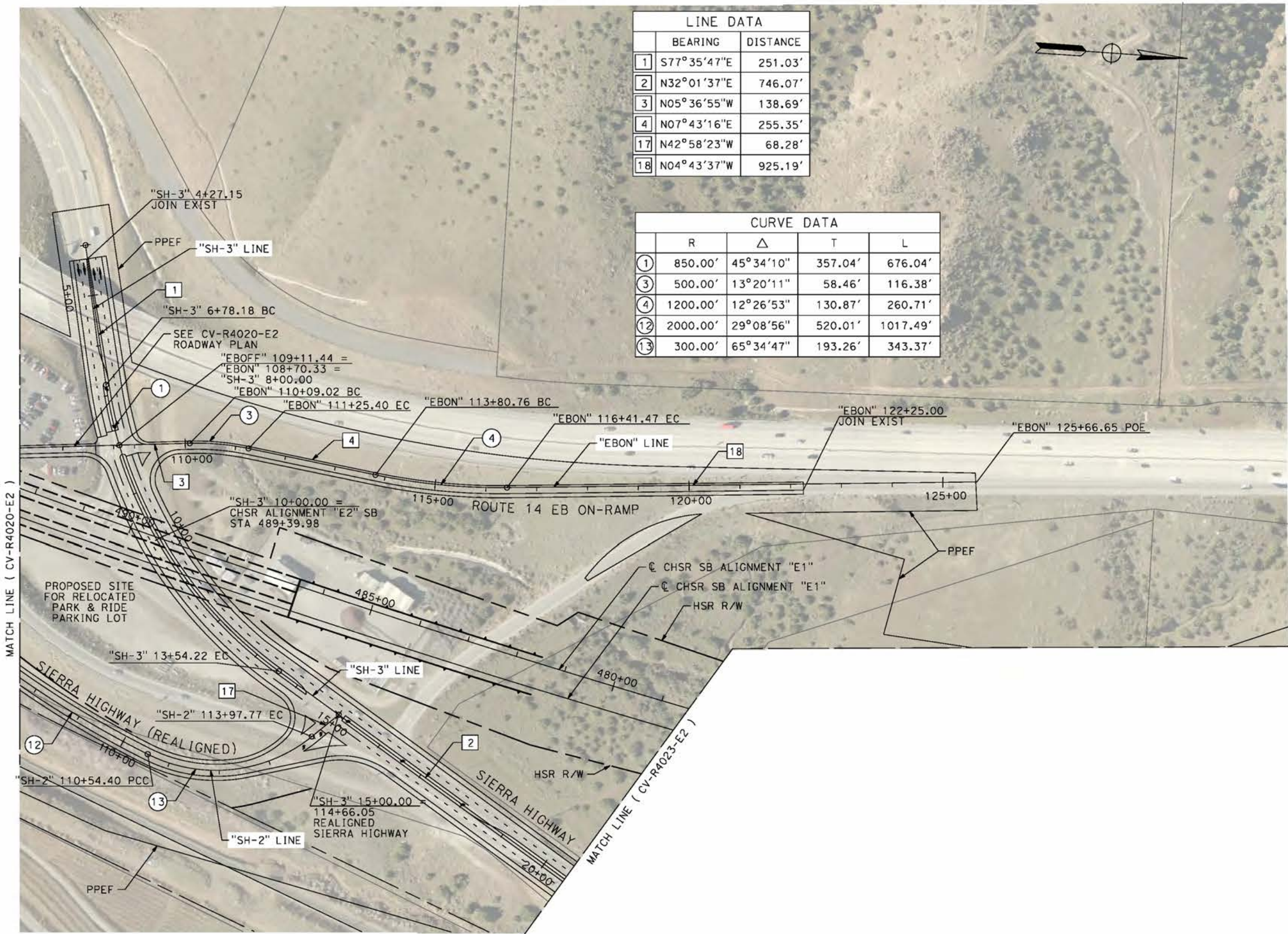
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5/24/2021 1:11:27 AM

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



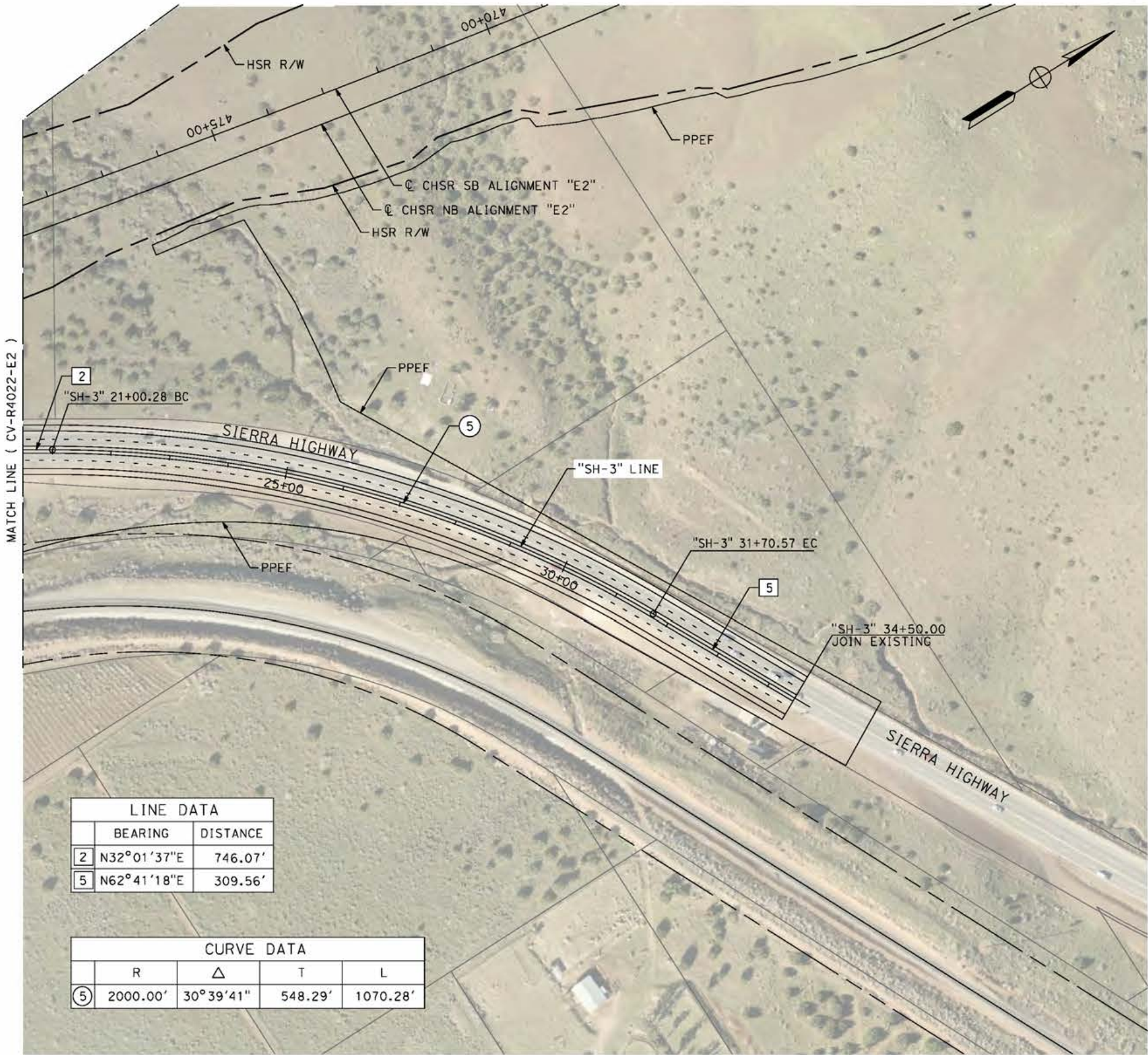
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-3" AND ROUTE 14 EB ON-RAMP

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

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5/24/2021 1:13:59 AM

cordo



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'



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**



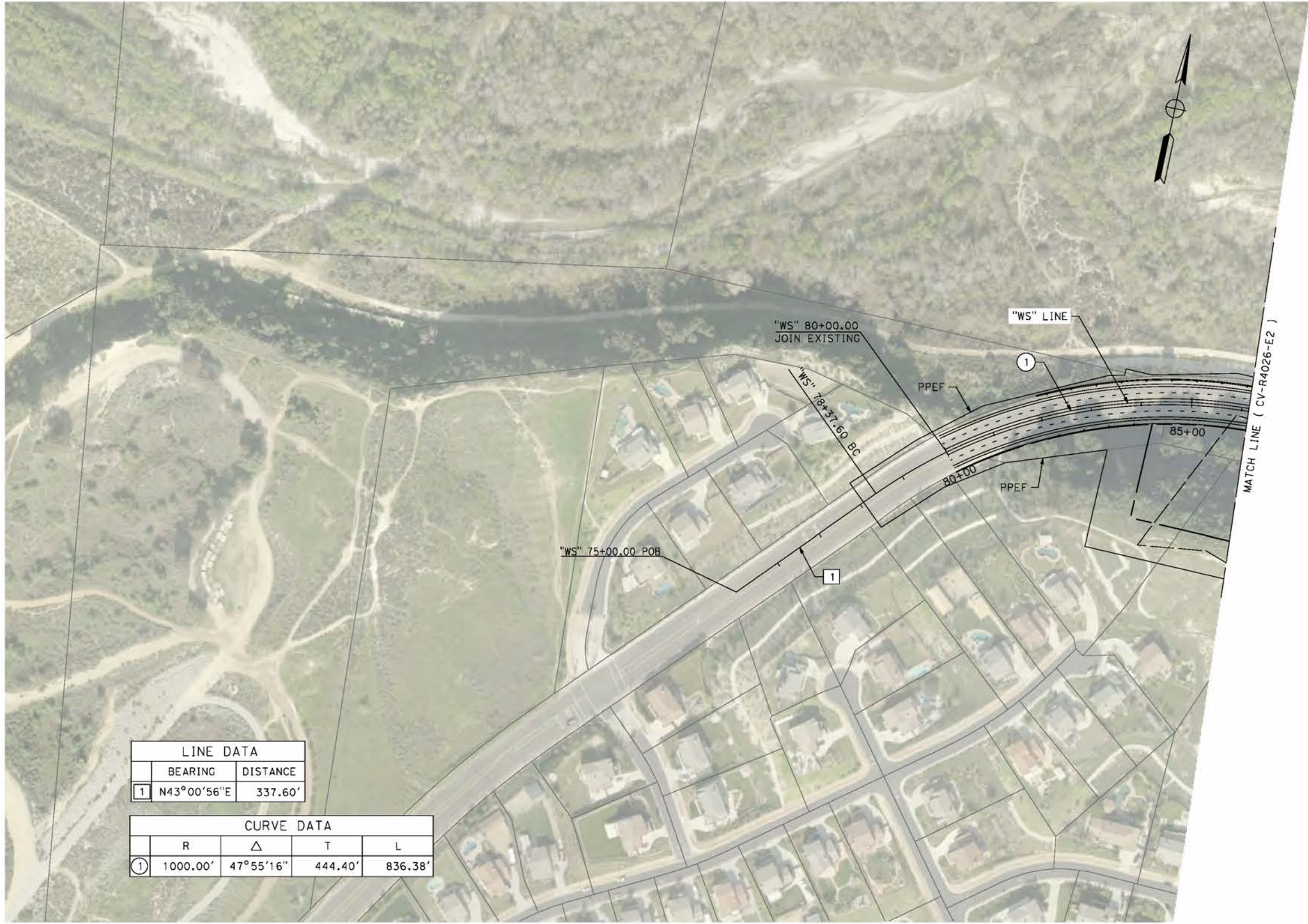
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
SIERRA HIGHWAY "SH-3"

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**



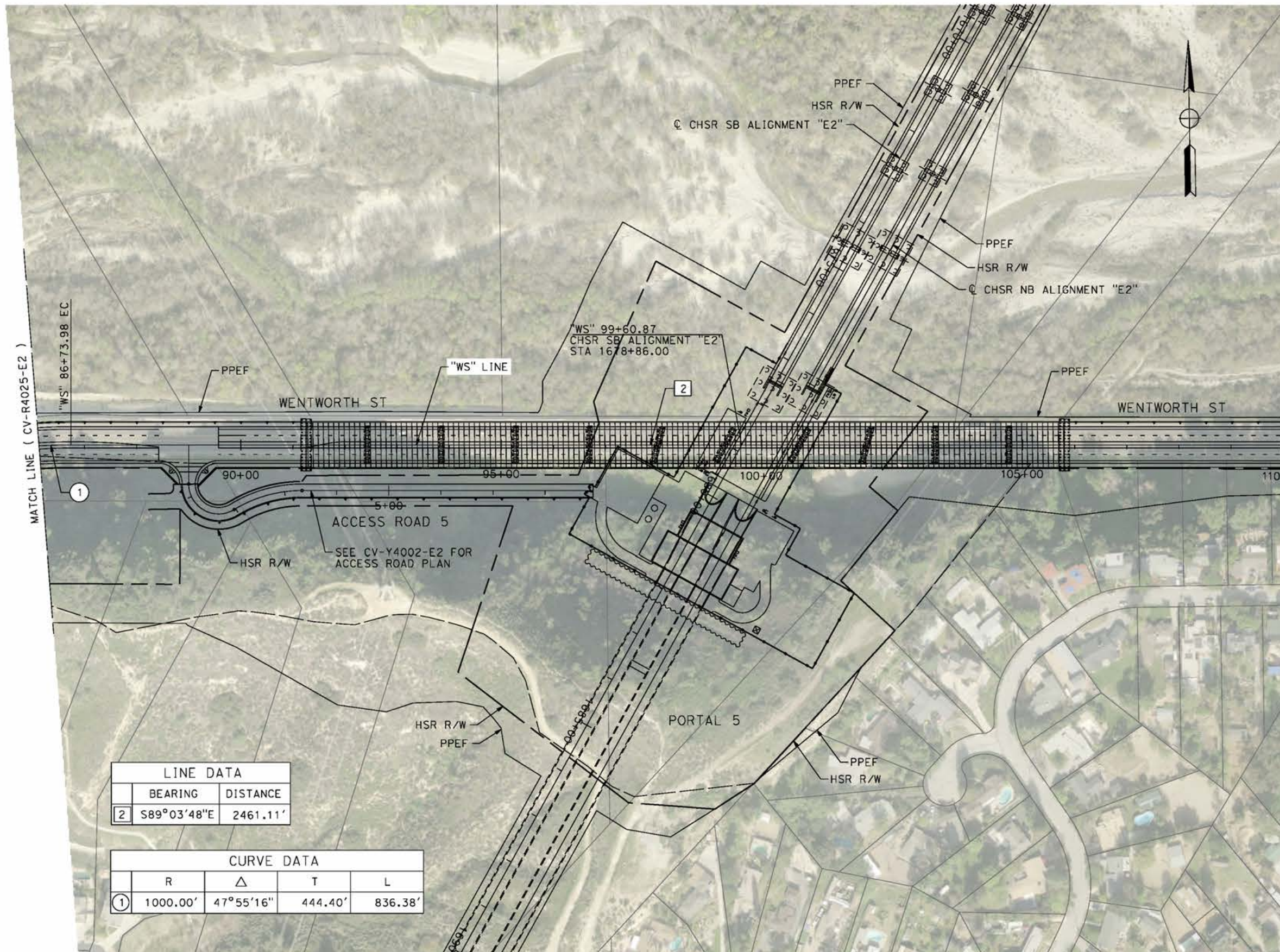
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
WENTWORTH STREET
SHEET 1 OF 3

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

c:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalio.cordoba\dms24260\VB-CV-R4026-E2.dgn

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cordo

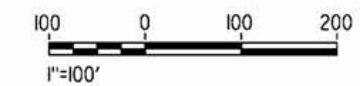


MATCH LINE (CV-R4025-E2)

MATCH LINE (CV-R4027-E2)

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



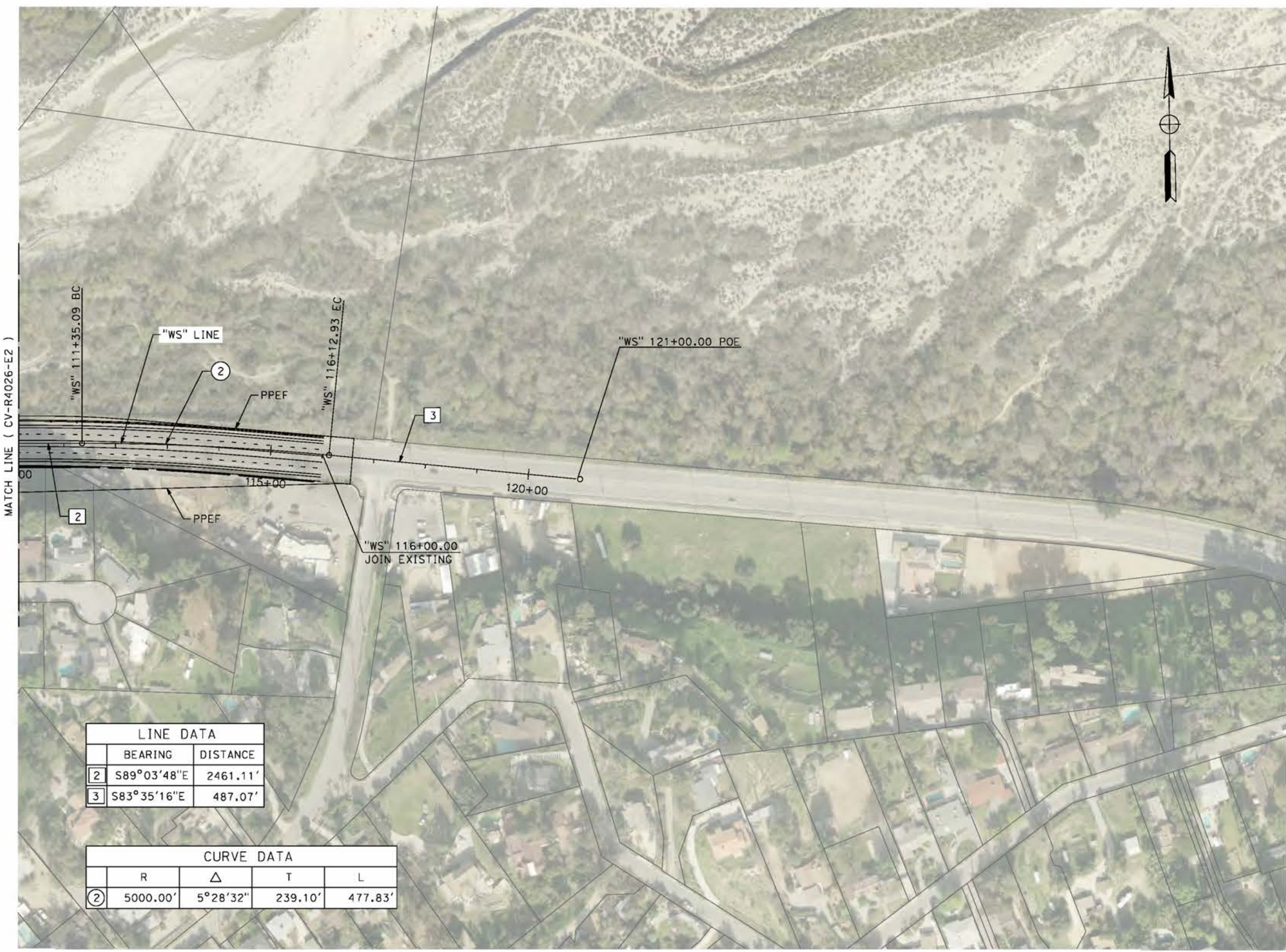
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
ROADWAY PLAN
WENTWORTH STREET
SHEET 2 OF 3

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



MATCH LINE (CV-R4026-E2)

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**



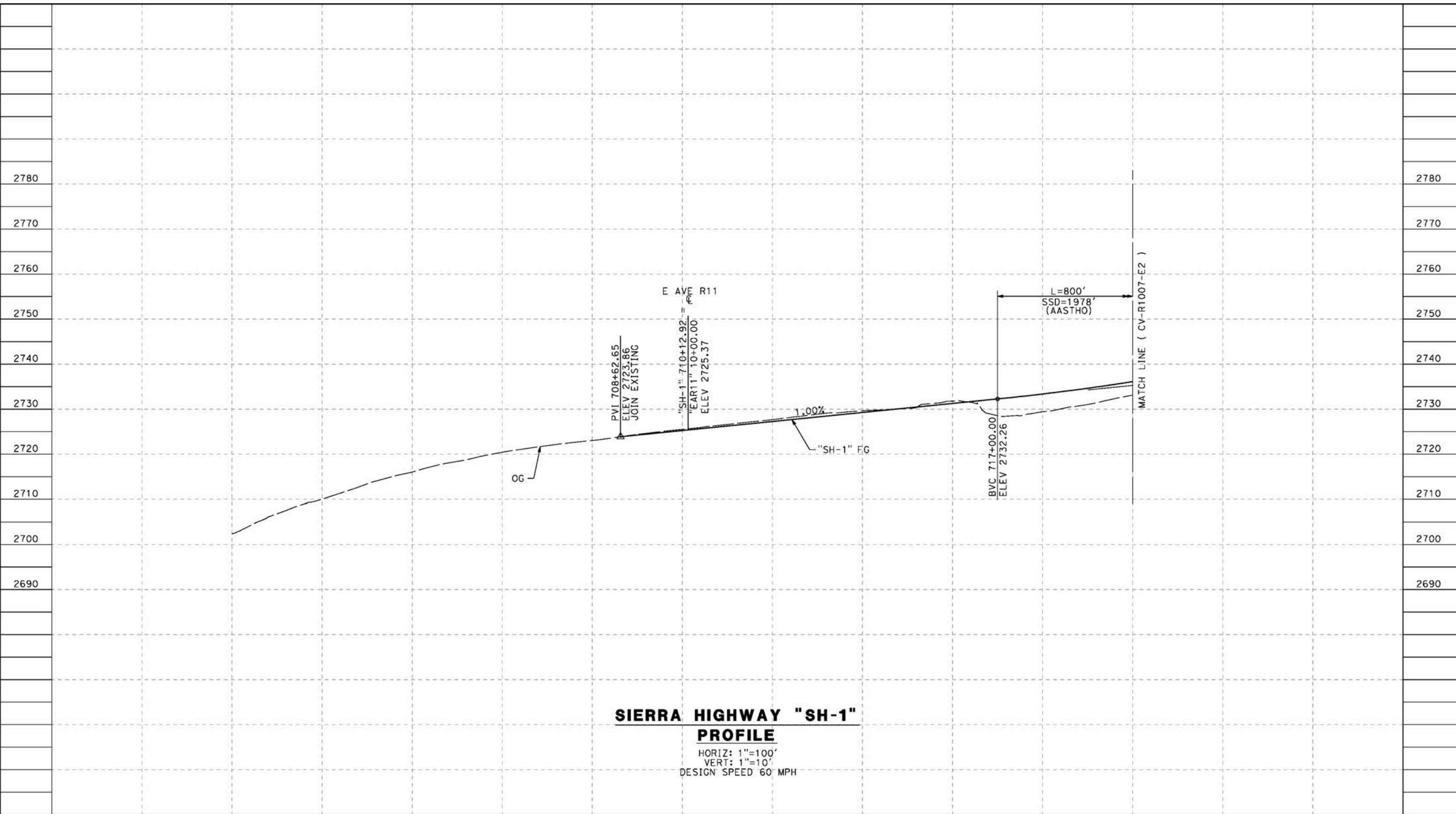
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
WENTWORTH STREET
SHEET 3 OF 3

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\dalifa.cordoba\dms24260VPB-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
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

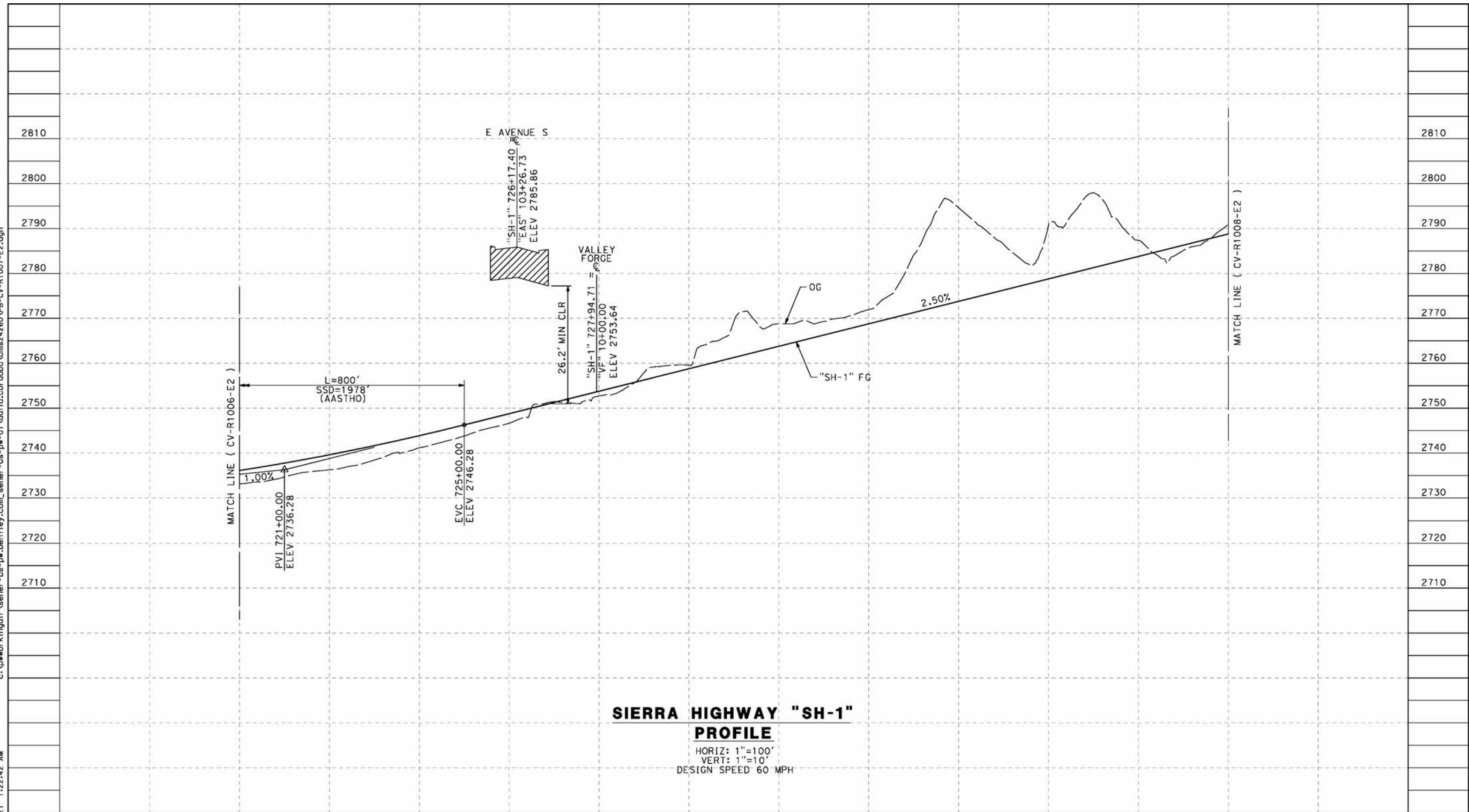
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1006-E2
SCALE
AS SHOWN
SHEET NO.

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

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



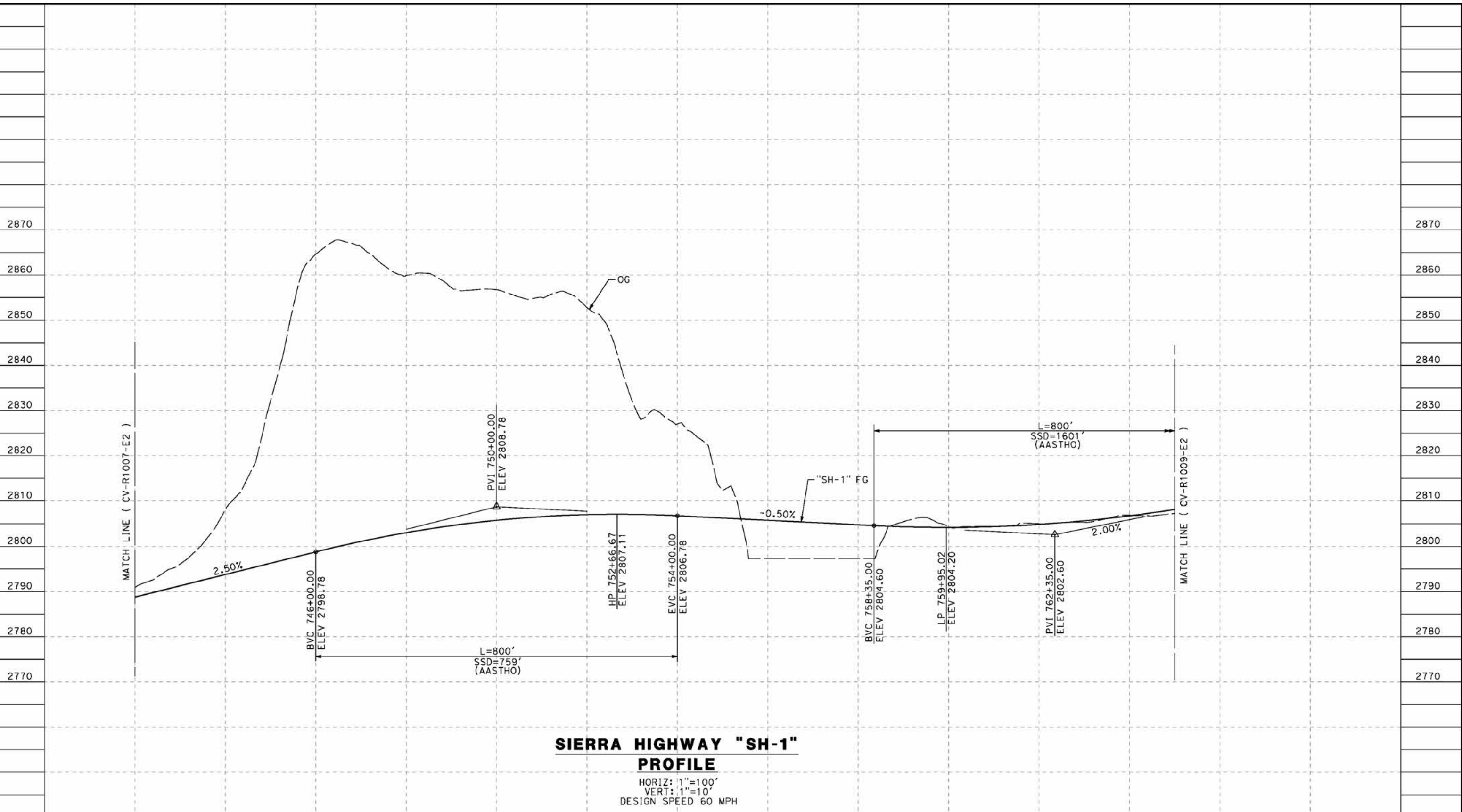
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-1"
SHEET 2 OF 4

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

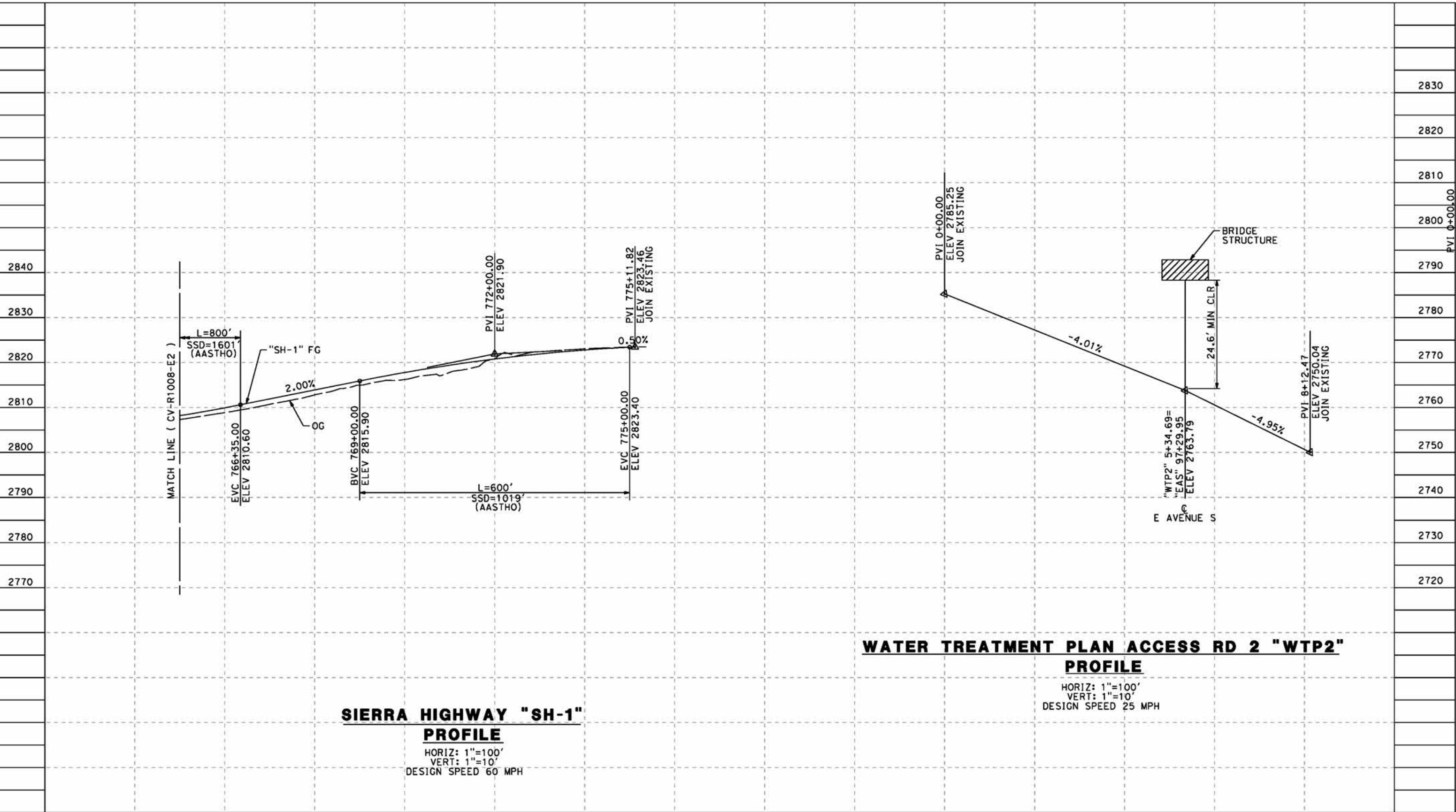
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HSR14-42
 DRAWING NO.
CV-R1008-E2
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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7/22/2021 12:45:01 AM

cordo



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

**WATER TREATMENT PLAN ACCESS RD 2 "WTP2"
PROFILE**
 HORIZ: 1"=100'
 VERT: 1"=10'
 DESIGN SPEED 25 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
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" AND WATER TREATMENT PLANT
 ACCESS RD 2 - SHEET 4 OF 4

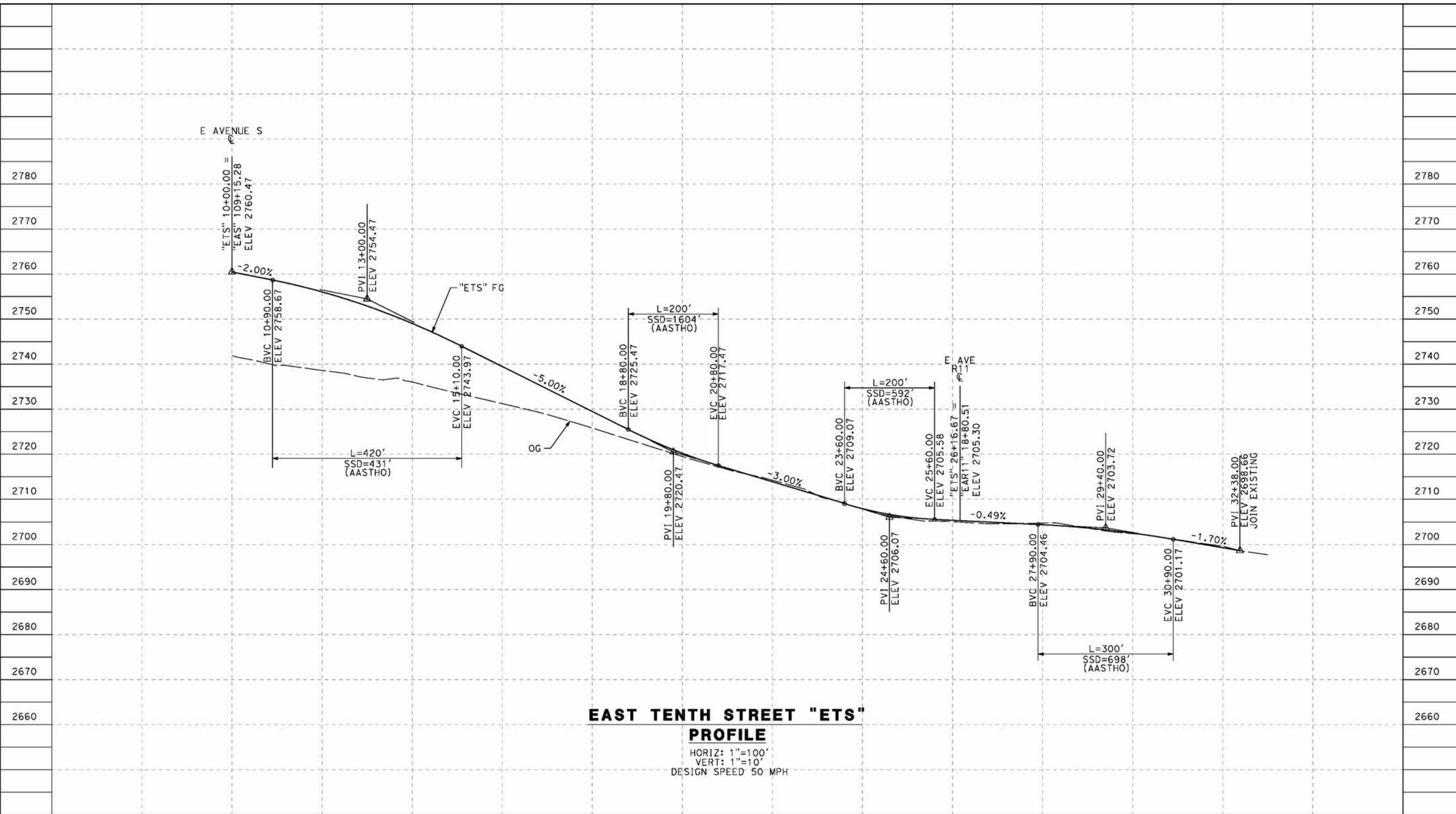
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1009-E2
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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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
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**

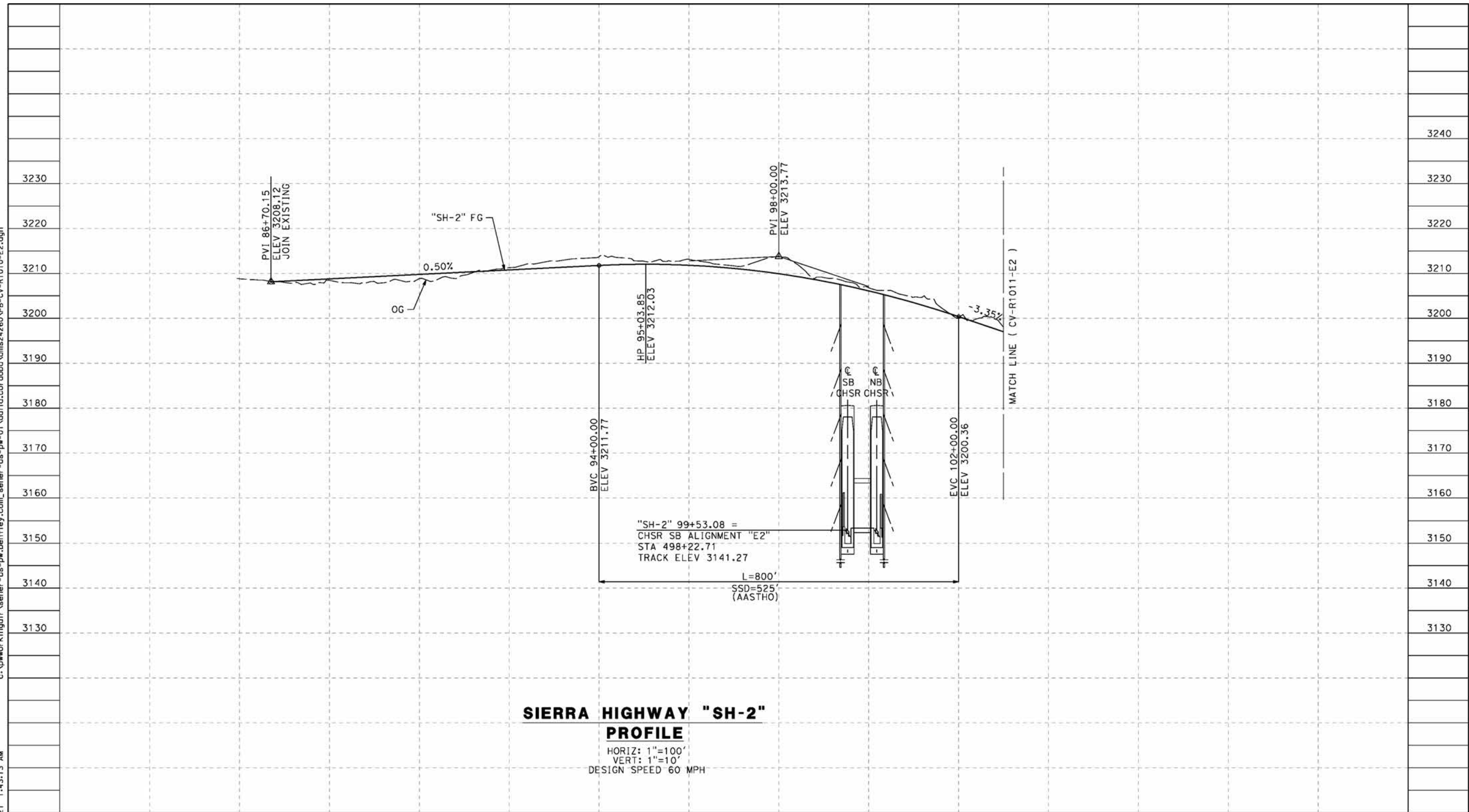
ALIGNMENT "E2"
ROADWAY PROFILE
EAST TENTH STREET

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
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**



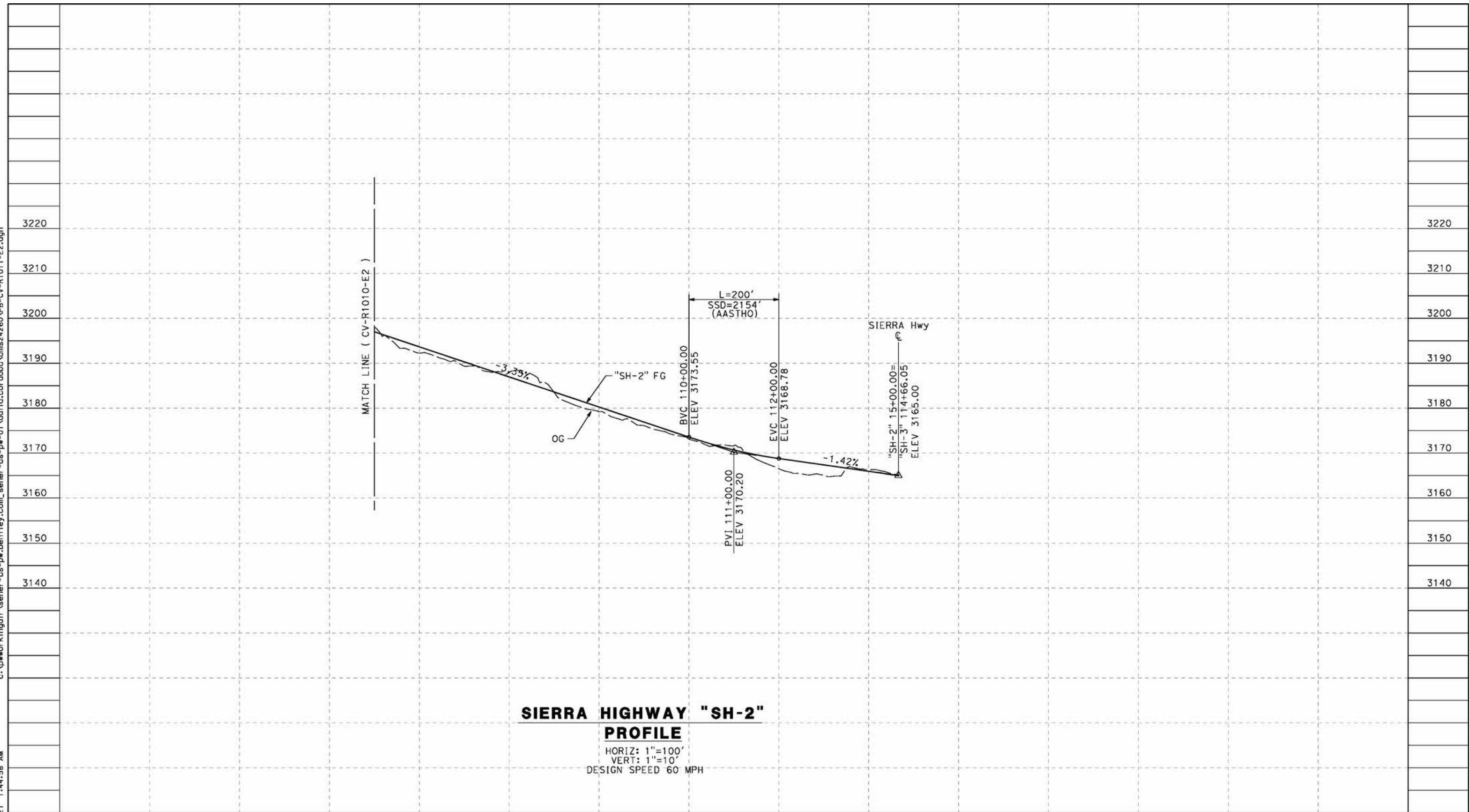
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 ROADWAY PROFILE
 SIERRA HIGHWAY "SH-2"
 SHEET 1 OF 2

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

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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
NOT FOR
CONSTRUCTION**



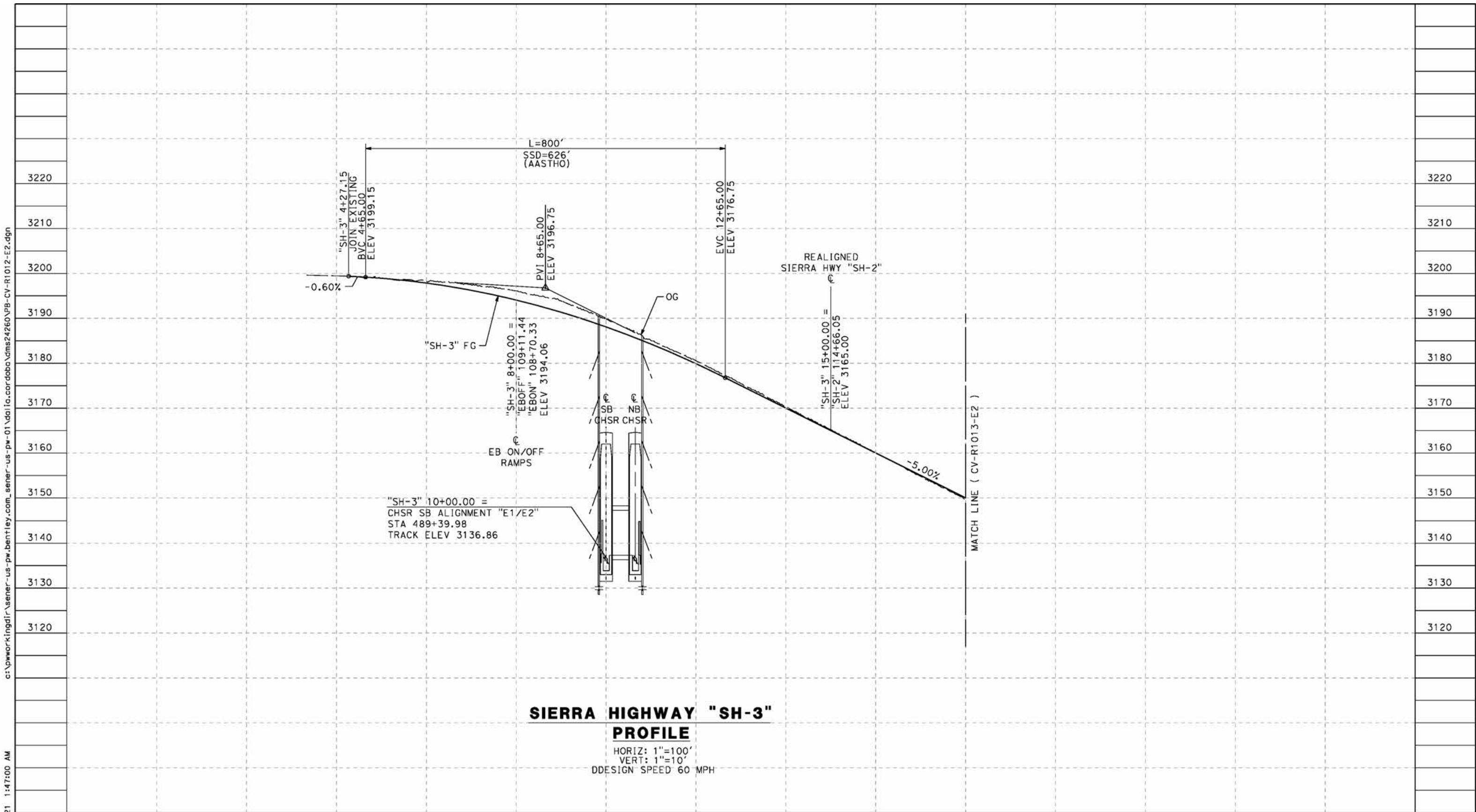
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-2"
SHEET 2 OF 2

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

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5/24/2021 1:47:00 AM

cordo



"SH-3" 10+00.00 =
CHSR SB ALIGNMENT "E1/E2"
STA 489+39.98
TRACK ELEV 3136.86

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
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-3"
SHEET 1 OF 2

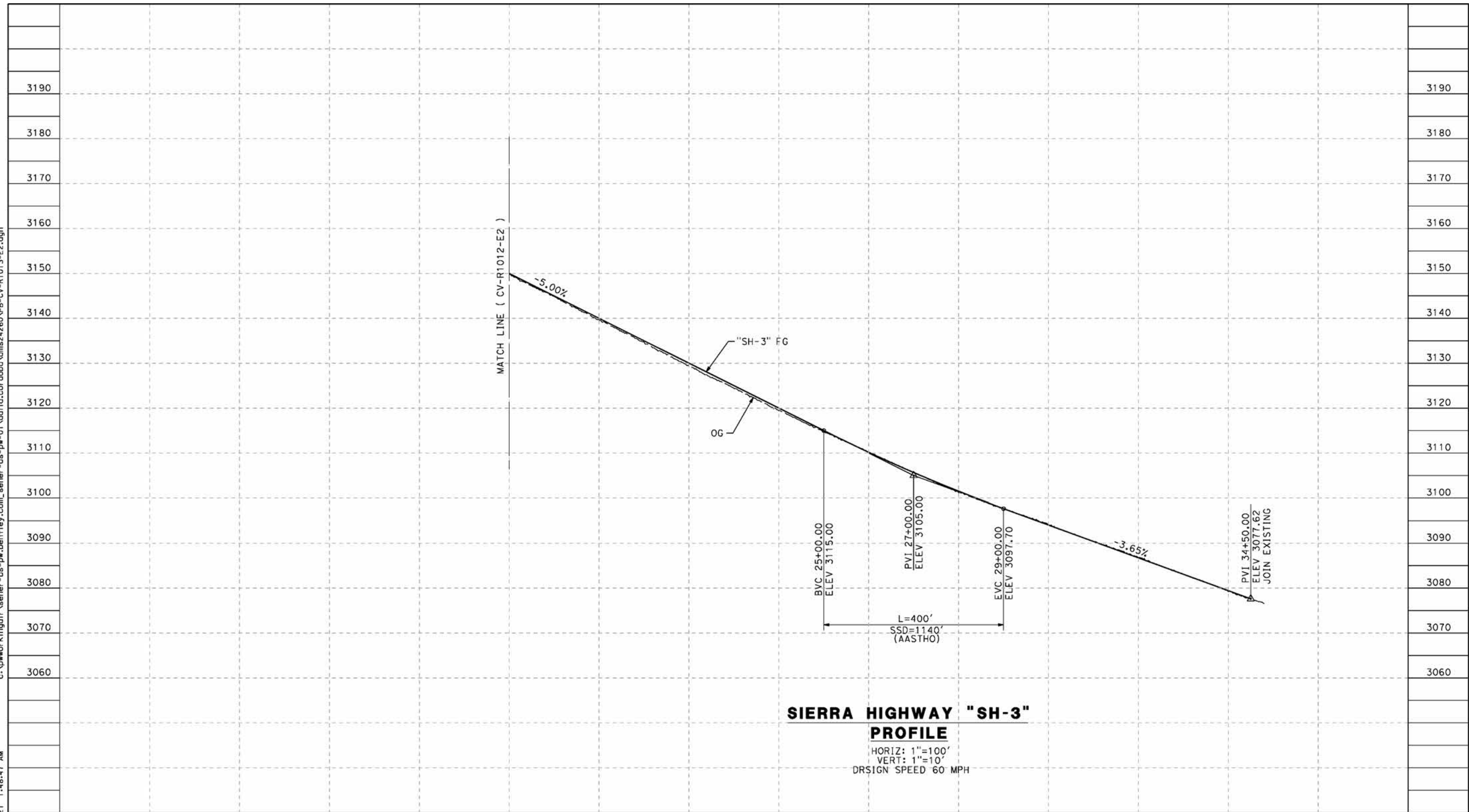
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1012-E2
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/24/2021 1:48:47 AM

cordo



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

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

STATION	18+00	20+00	22+00	24+00	26+00	28+00	30+00	32+00	34+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**



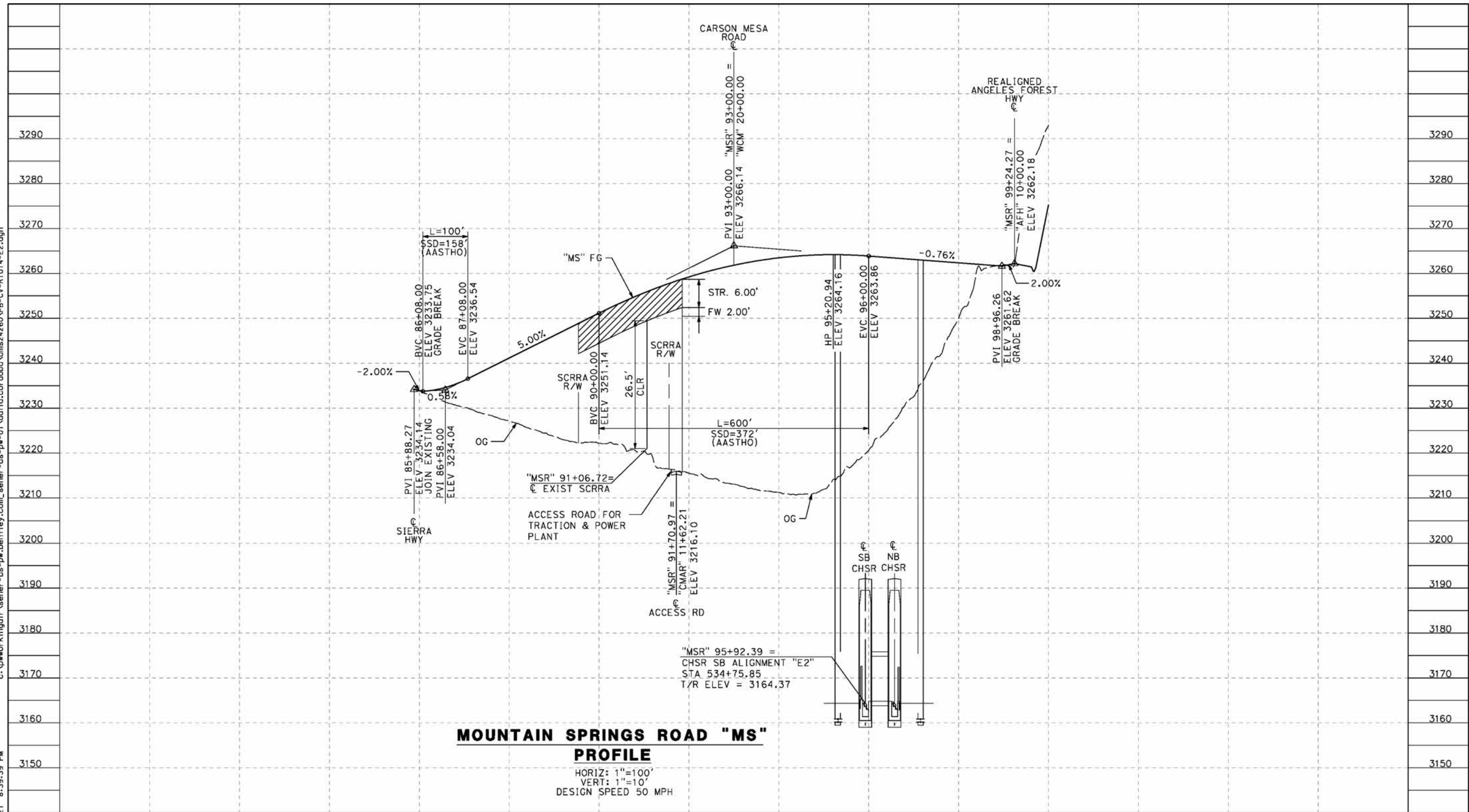
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
SIERRA HIGHWAY "SH-3"
SHEET 2 OF 2

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

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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								

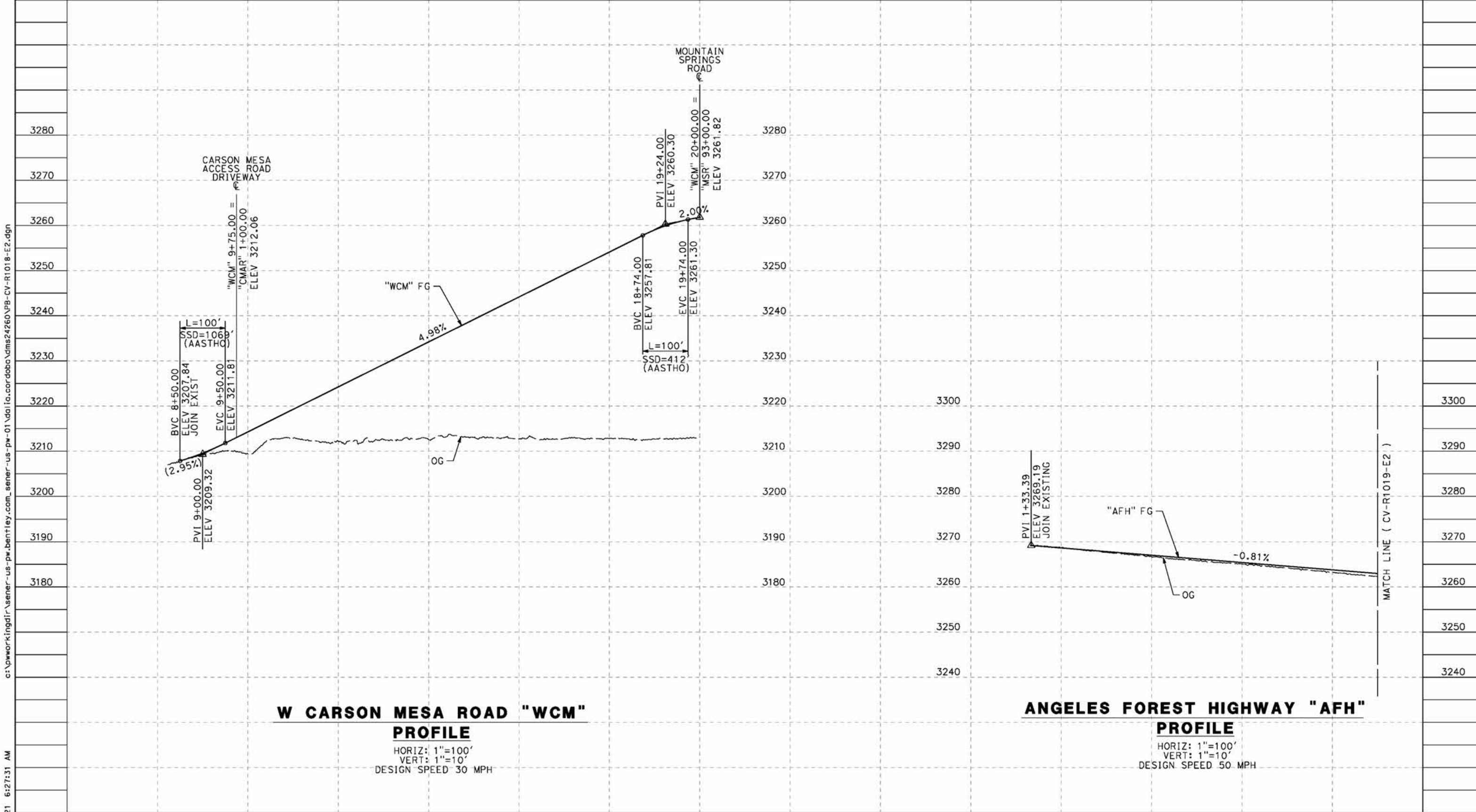
REV	DATE	BY	CHK	APP	DESCRIPTION

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.
---	--	--



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												

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
 ANGELES FOREST HIGHWAY AND W CARSON MESA ROAD

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

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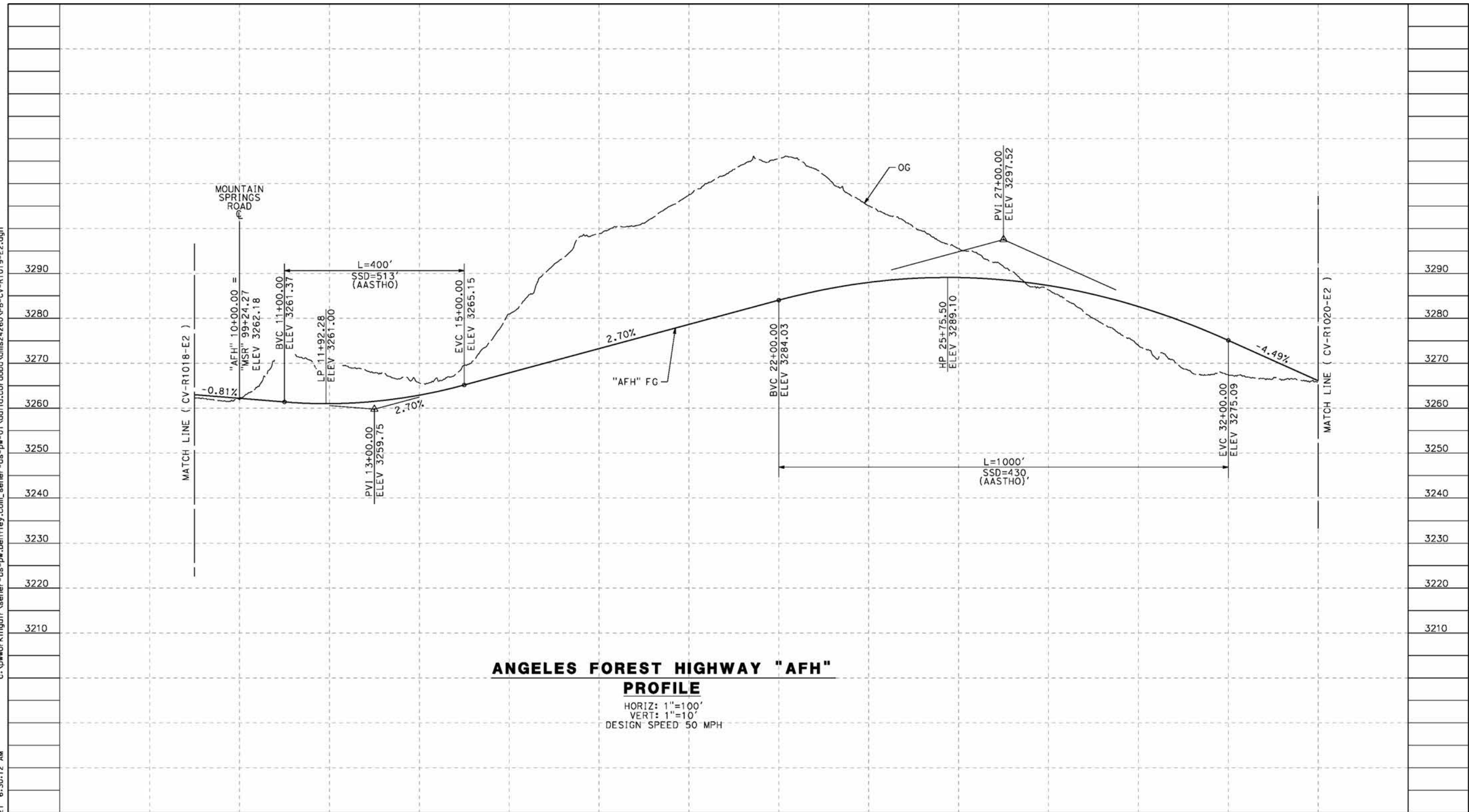
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cordo

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5/24/2021 6:30:12 AM

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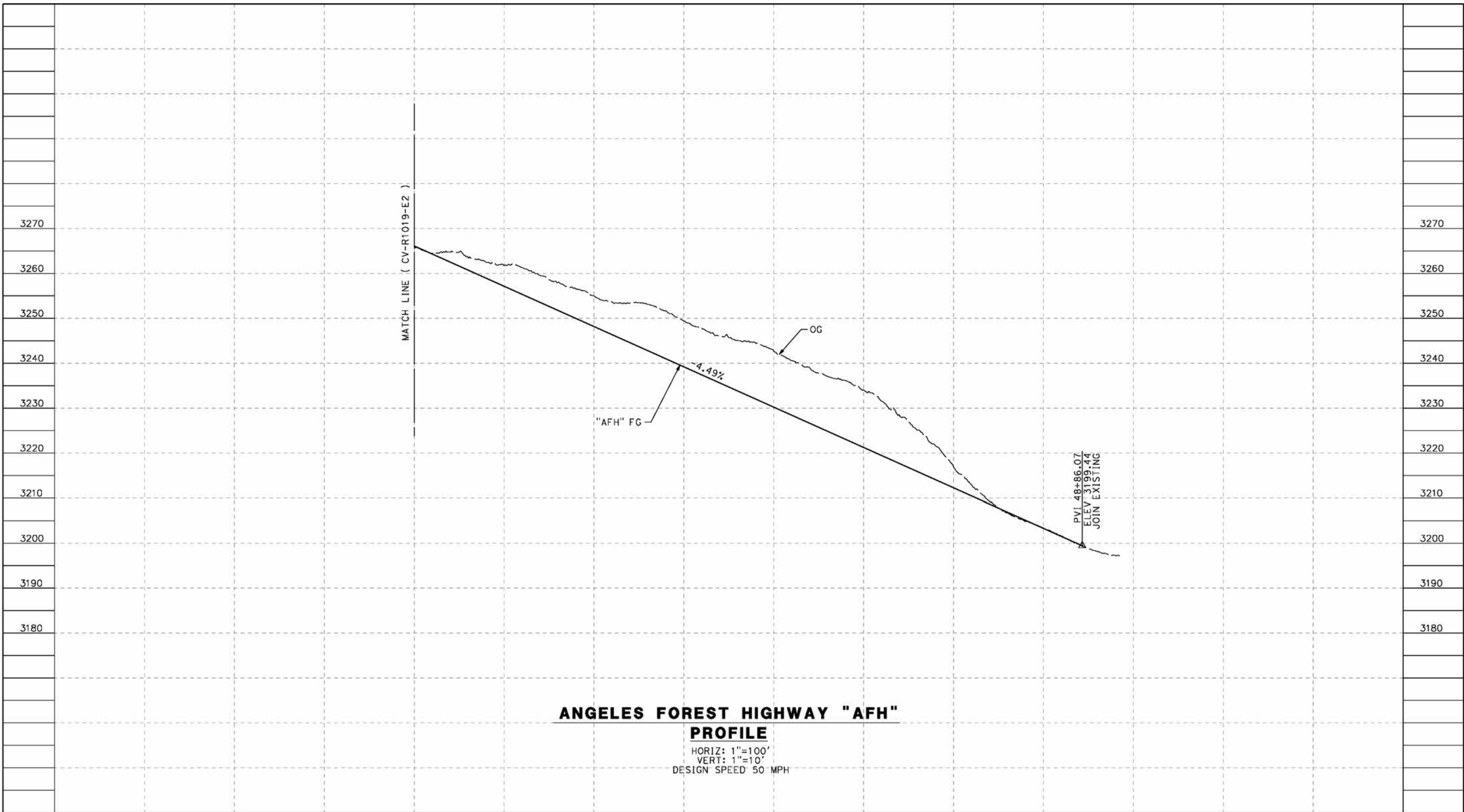
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 ROADWAY PROFILE
 ANGELES FOREST HIGHWAY
 SHEET 1 OF 2

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

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5/24/2021 6:32:04 AM

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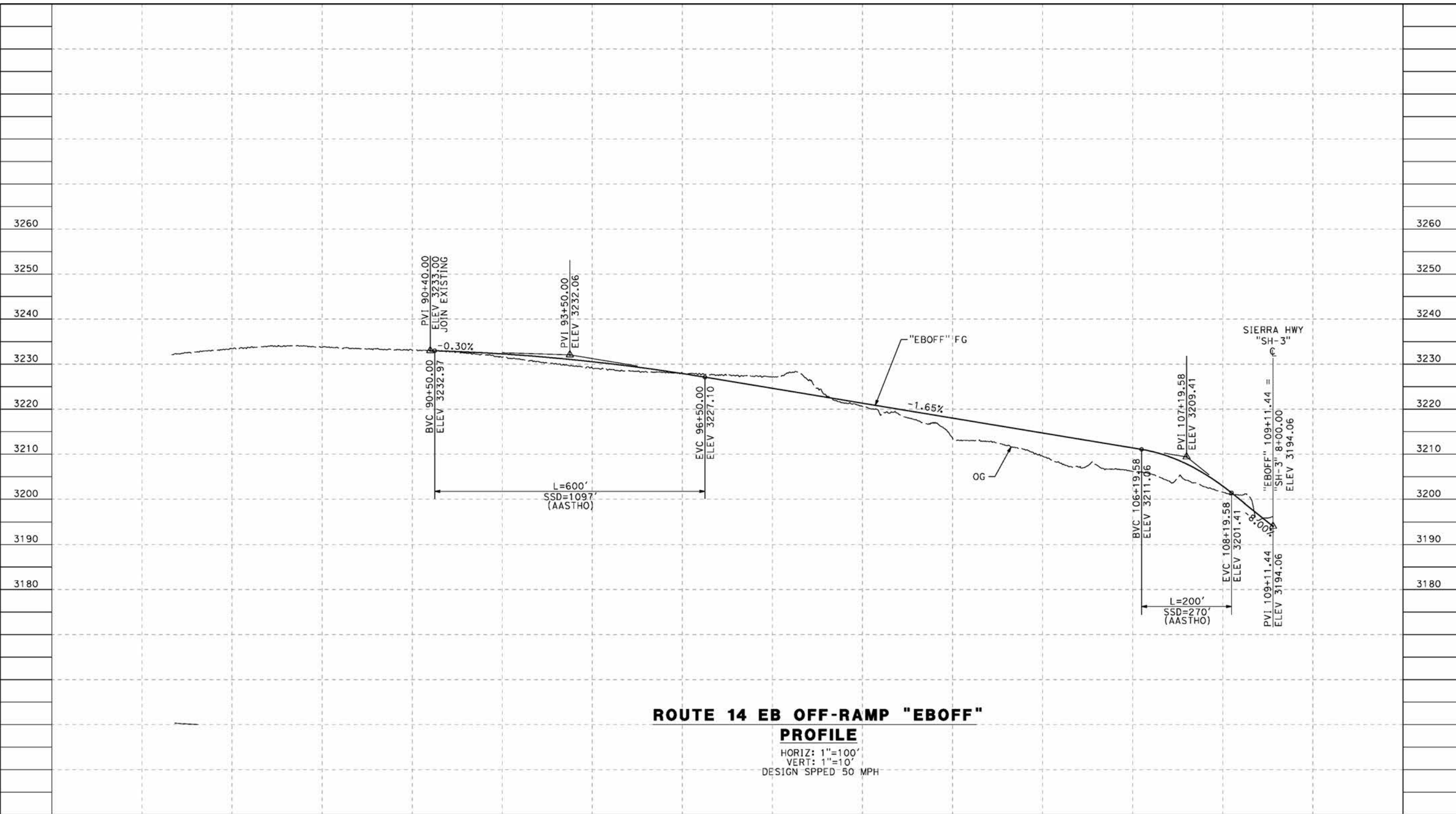
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 ROADWAY PROFILE
 ANGELES FOREST HIGHWAY
 SHEET 2 OF 2

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
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 "E2"
 ROADWAY PROFILE
 ROUTE 14 EB OFF-RAMP

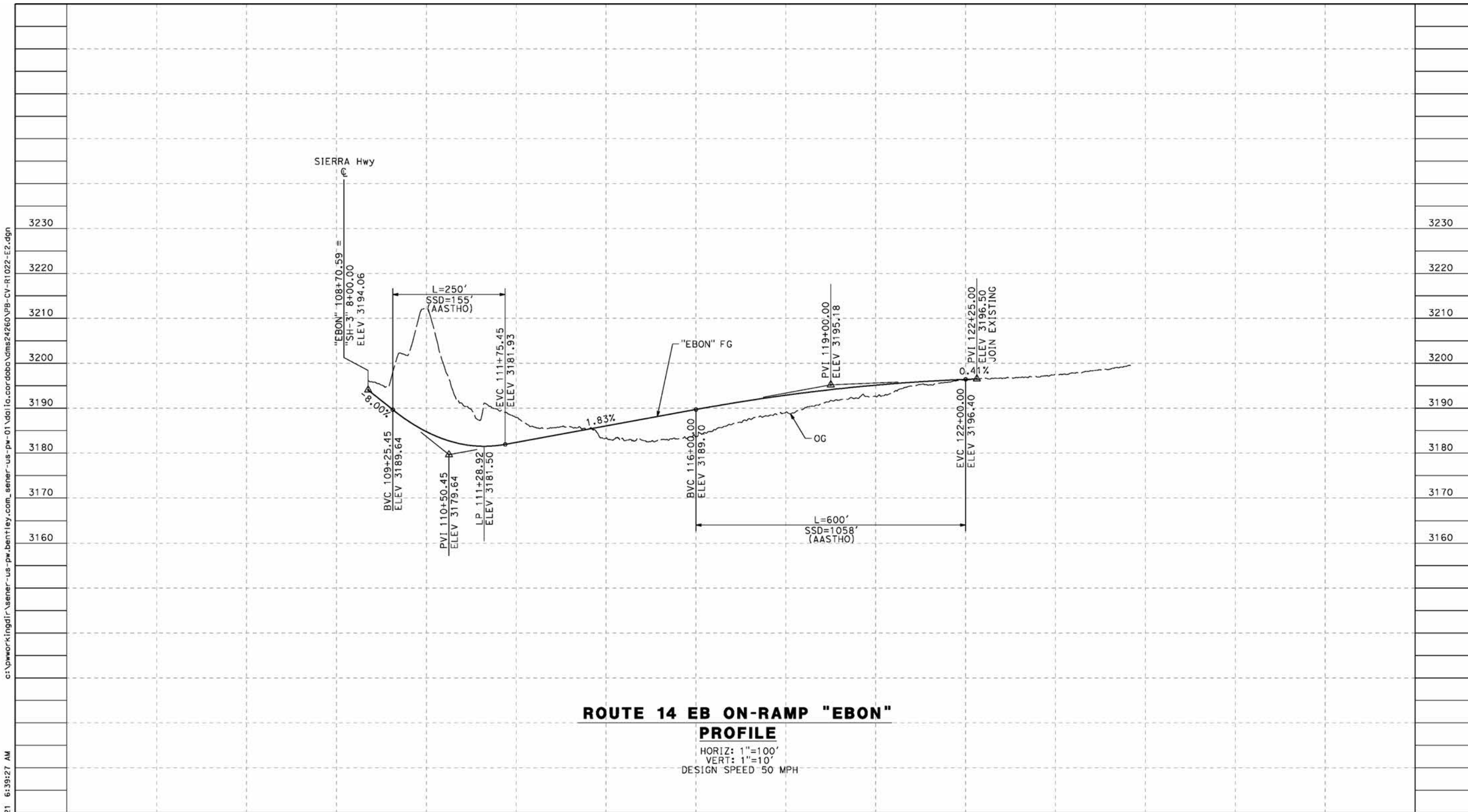
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1021-E2
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/24/2021 6:39:27 AM

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
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 "E2"
ROADWAY PROFILE
ROUTE 14 EB ON-RAMP

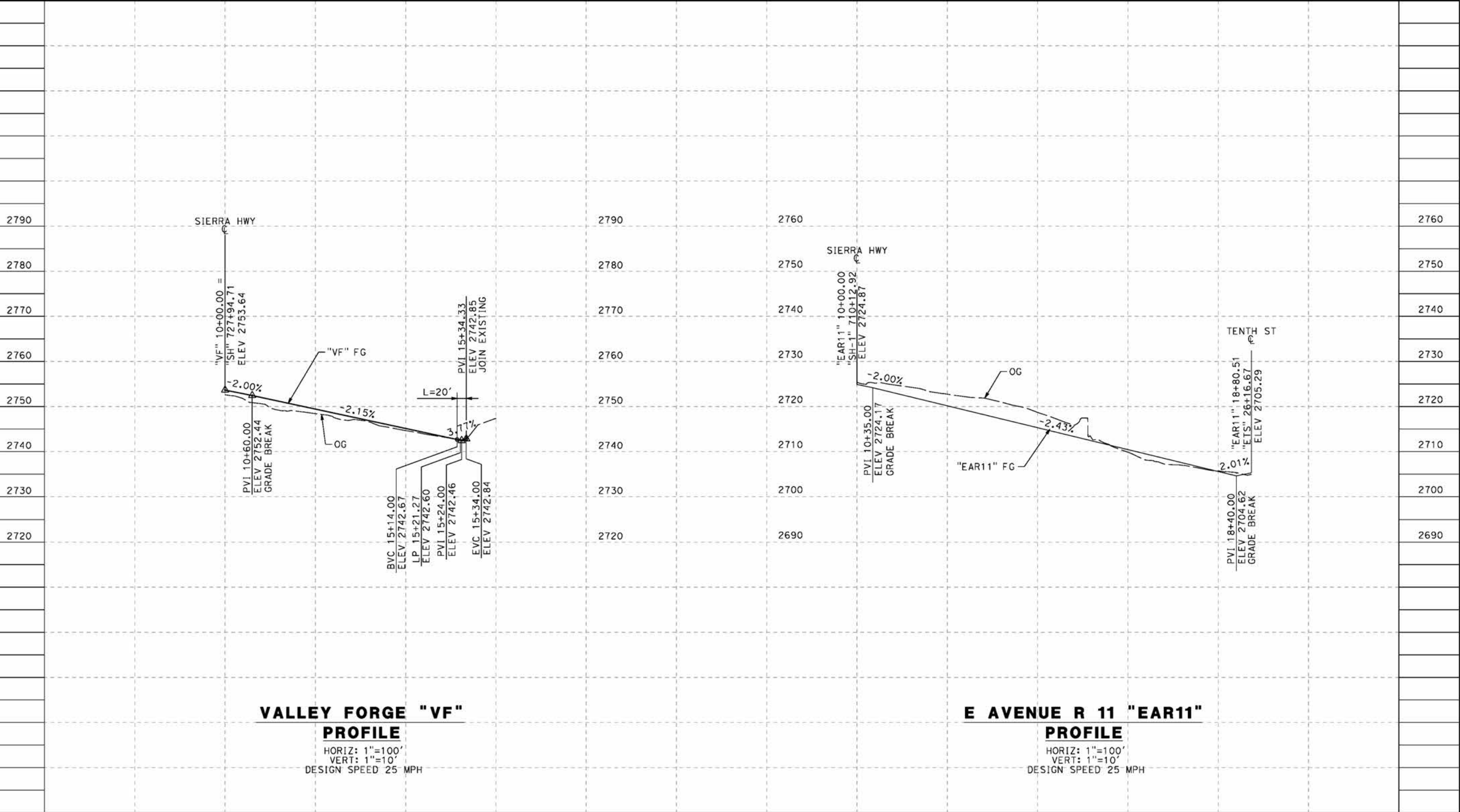
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1022-E2
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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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
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

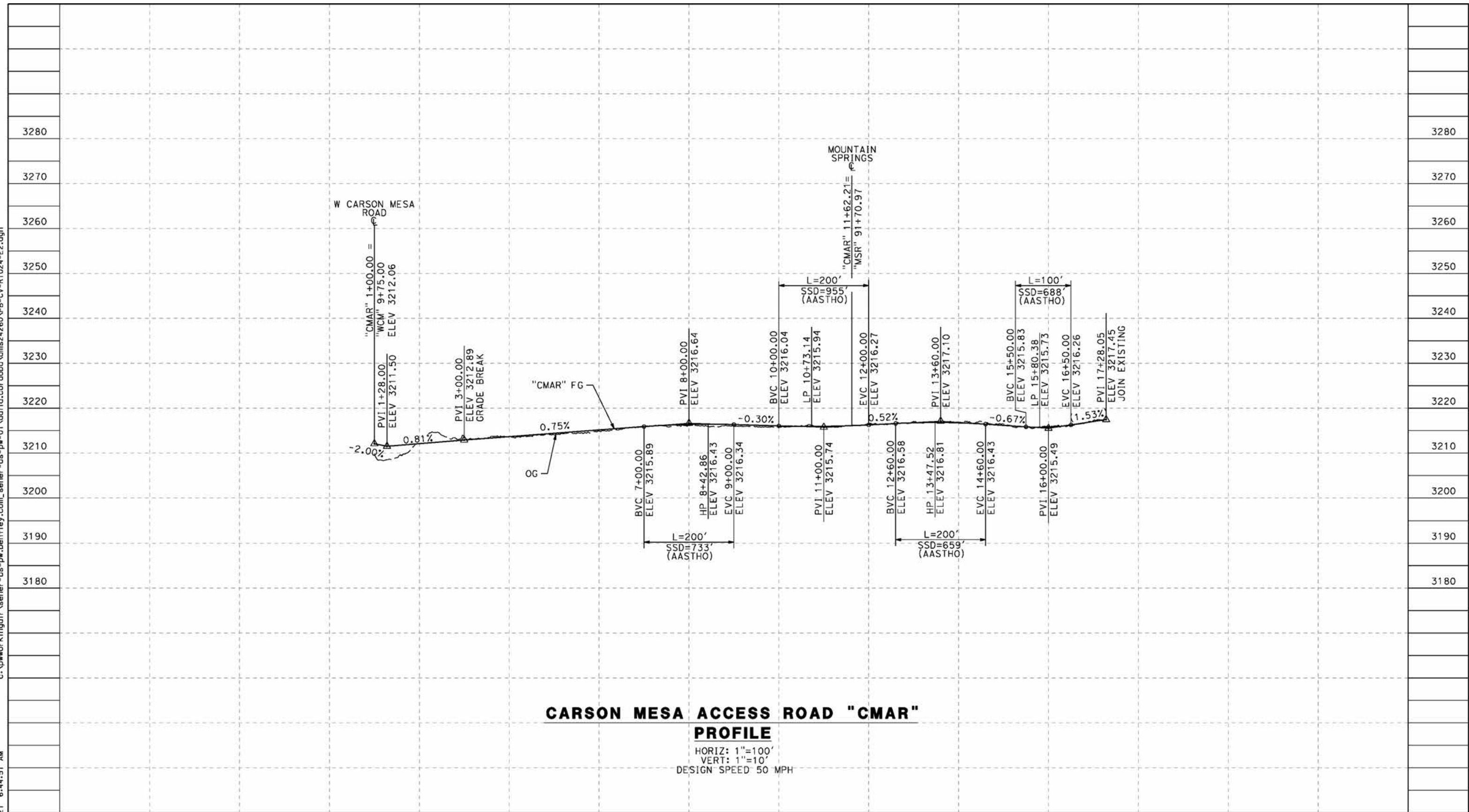
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1023-E2
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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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
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**



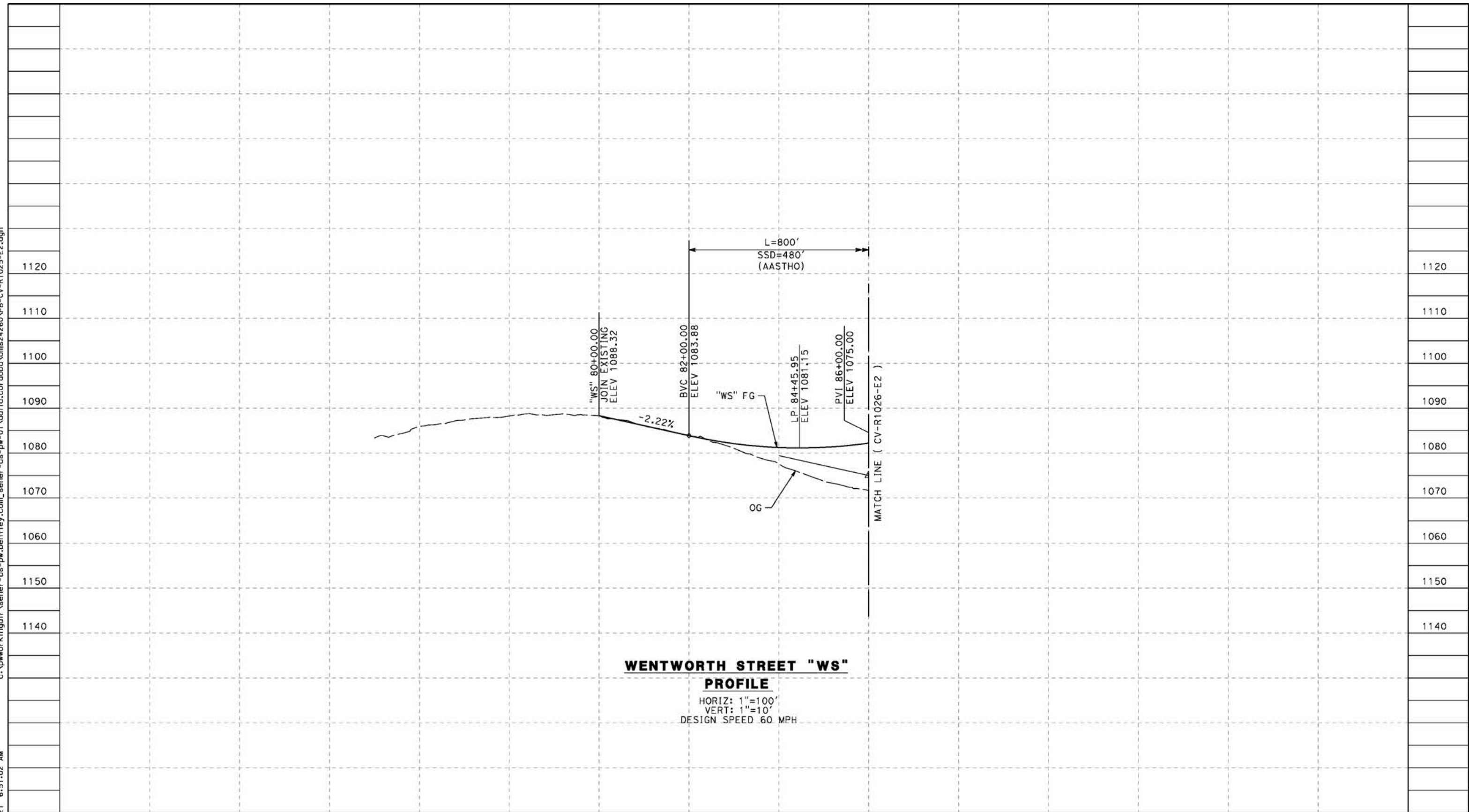
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 ROADWAY PROFILE
 CARSON MESA ACCESS ROAD

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
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**



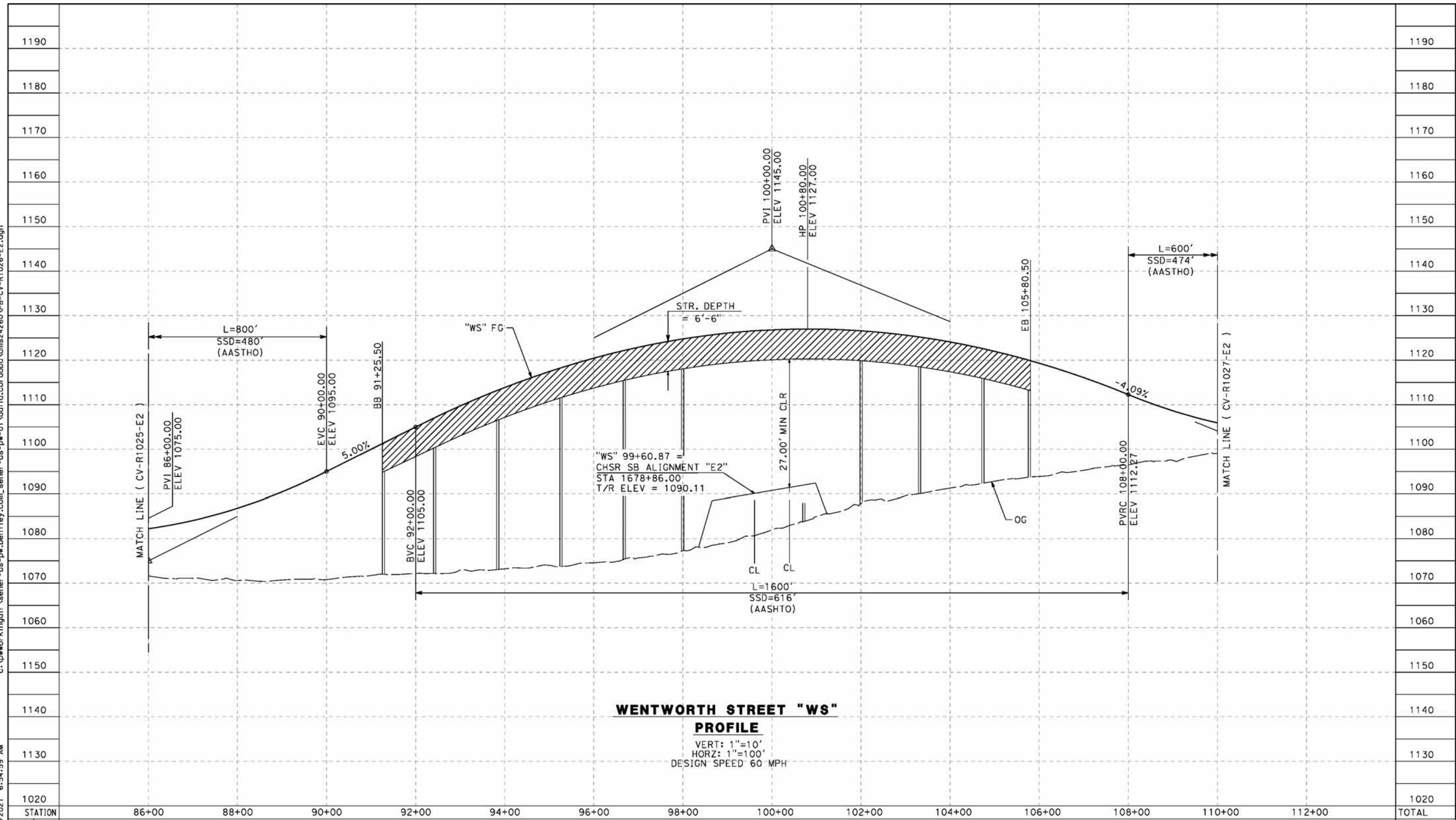
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PROFILE
WENTWORTH STREET
SHEET 1 OF 3

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

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5/27/2021 6:54:59 AM

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
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**

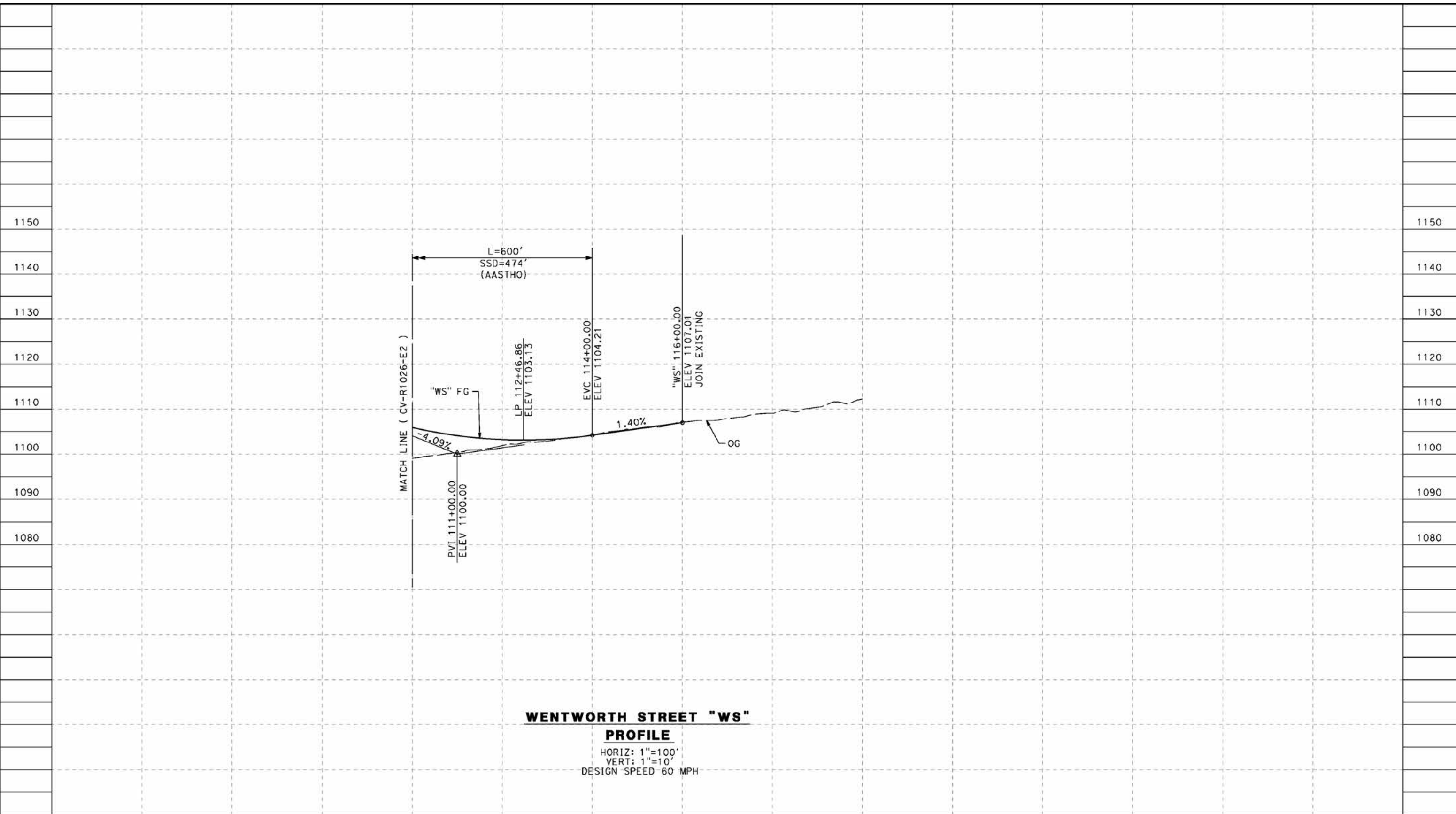
ALIGNMENT "E2"
 ROADWAY PROFILE
 WENTWORTH STREET
 SHEET 2 OF 3

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

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5/27/2021 6:57:41 AM

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
Exc								
Emb								

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

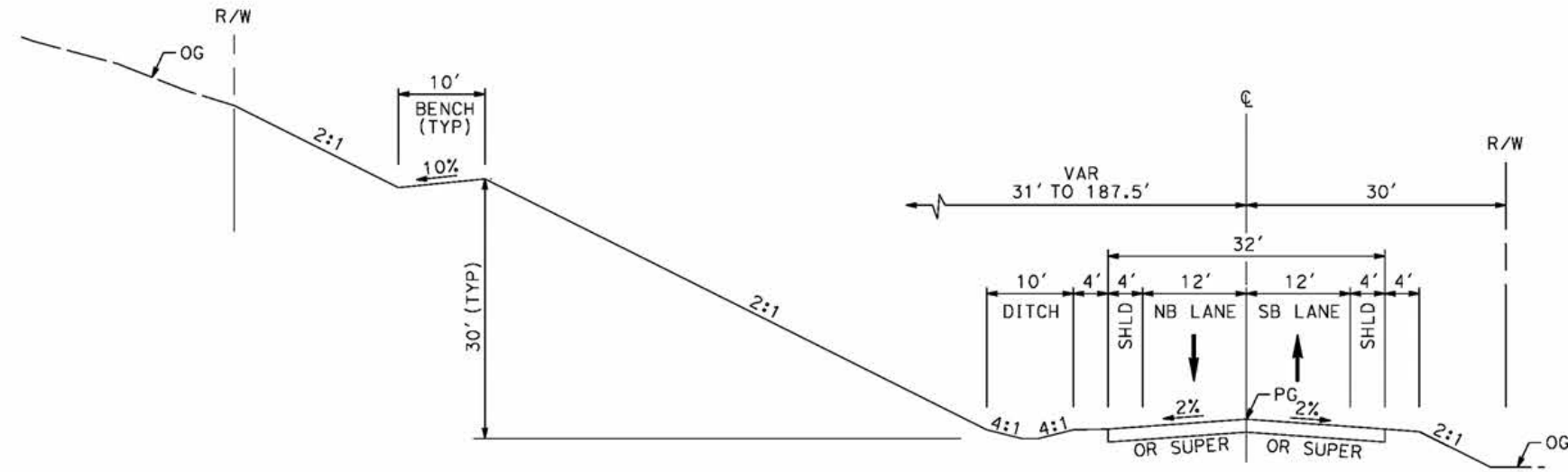
**PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION**



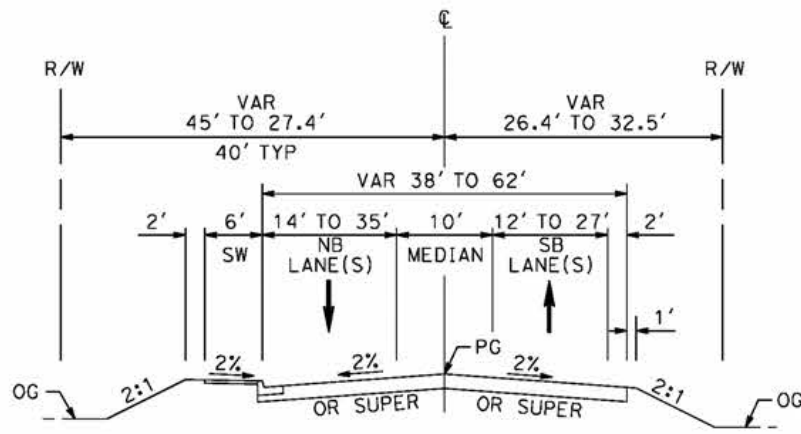
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 ROADWAY PROFILE
 WENTWORTH STREET
 SHEET 3 OF 3

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

REV	DATE	BY	CHK	APP	DESCRIPTION



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

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cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

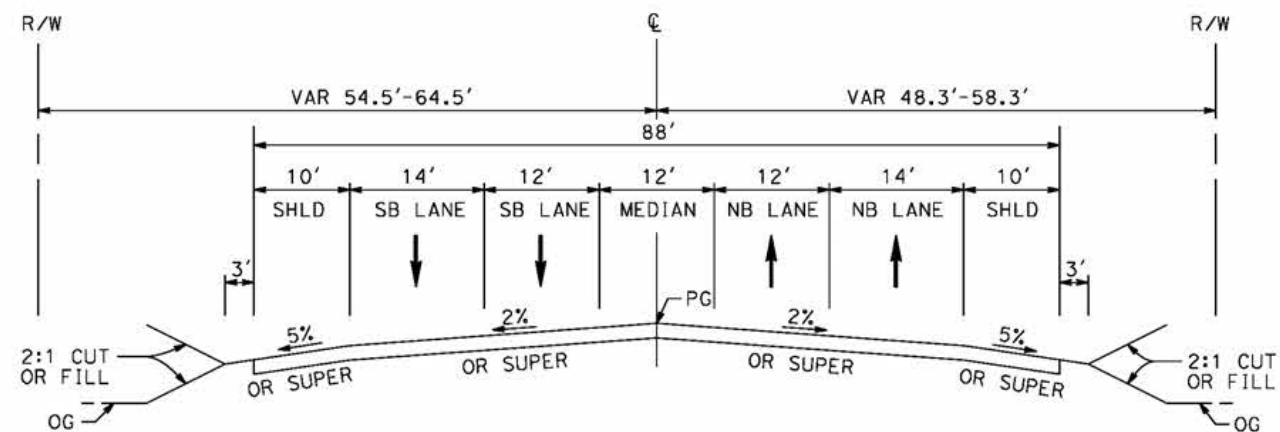
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
 REV 02
NOT FOR CONSTRUCTION

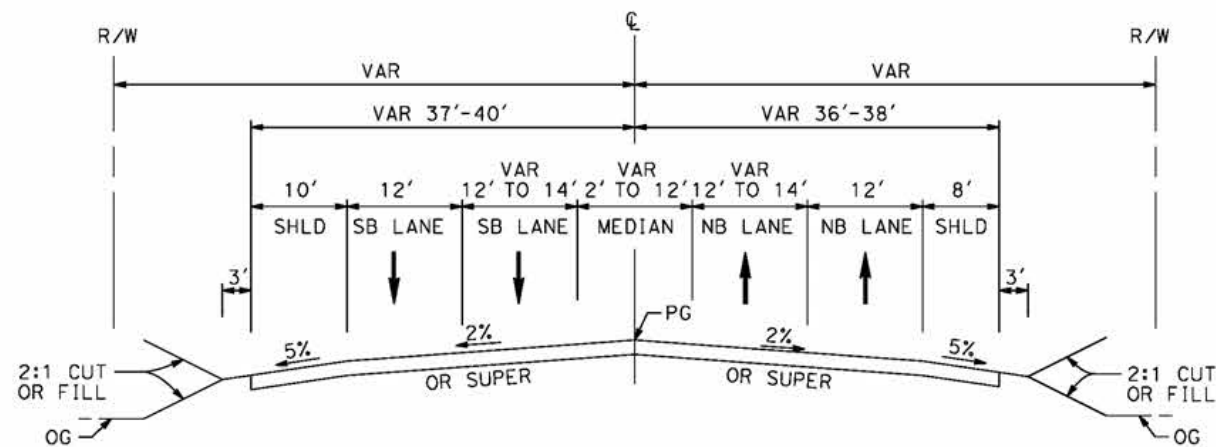


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 SIERRA HIGHWAY
 SHEET 1 OF 2

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



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

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4/29/2021 8:59:48 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



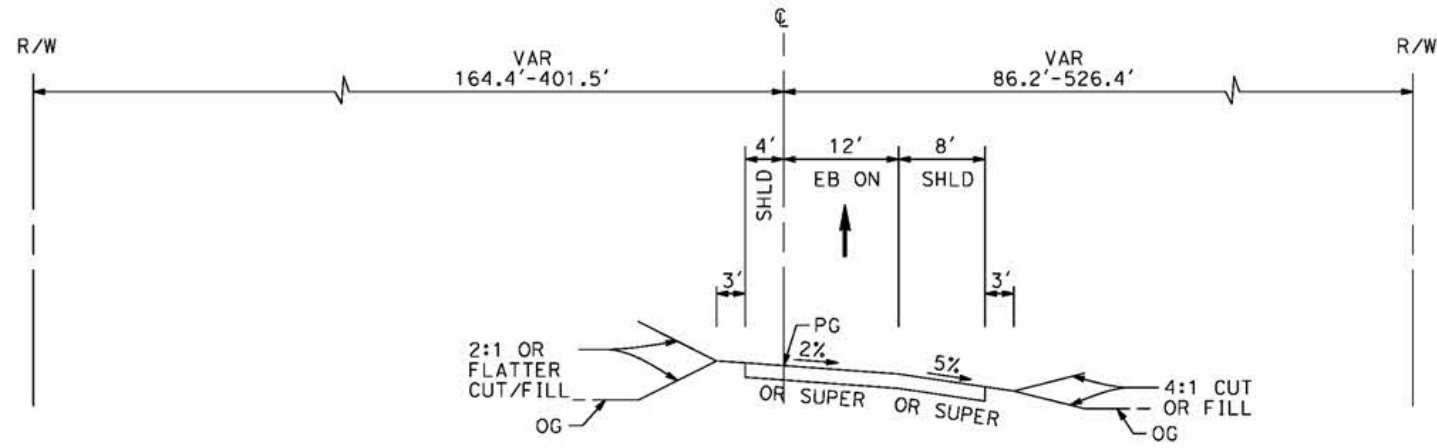
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 SIERRA HIGHWAY
 SHEET 2 OF 2

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

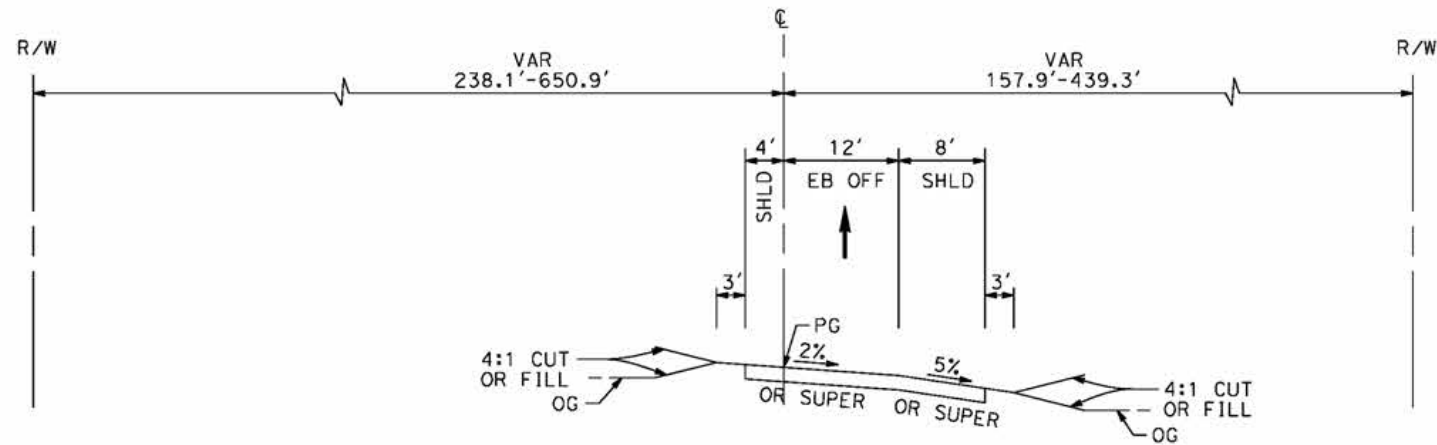
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4/29/2021 9:01:25 PM

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



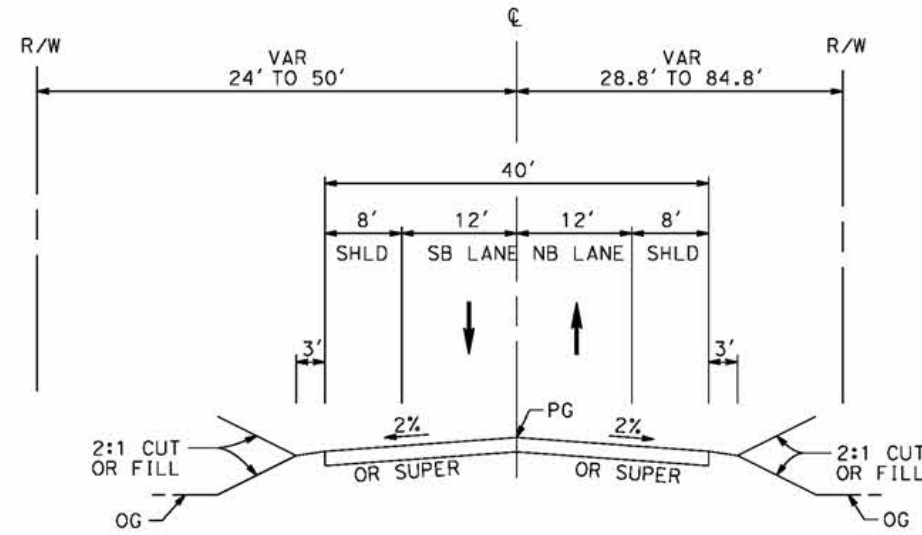
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
TYPICAL SECTIONS
ROUTE 14 EB ON-RAMP AND ROUTE 14 EB OFF-RAMP

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

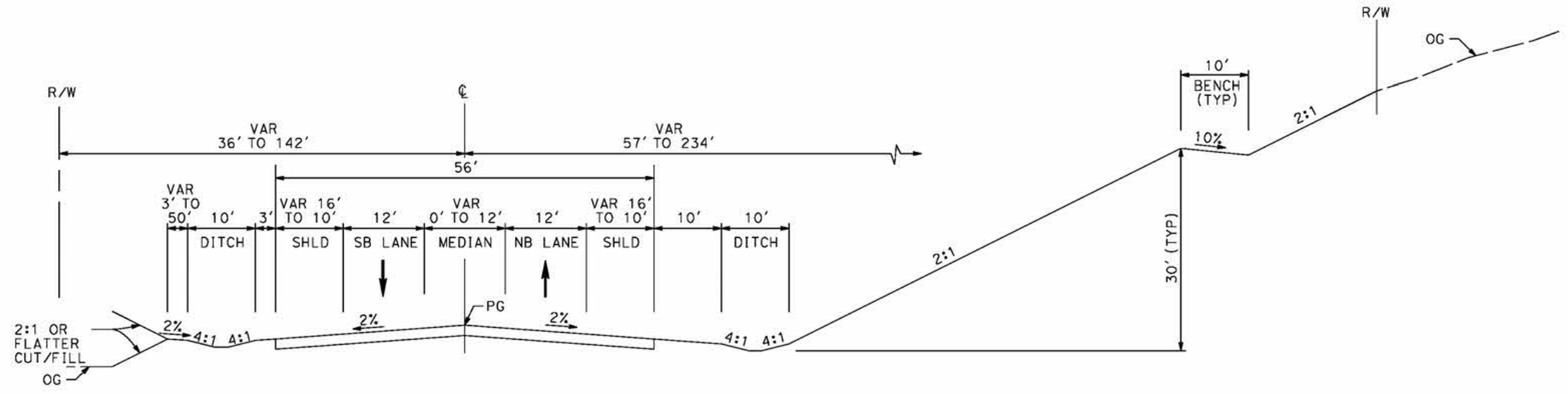
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4/29/2021 9:03:14 PM

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



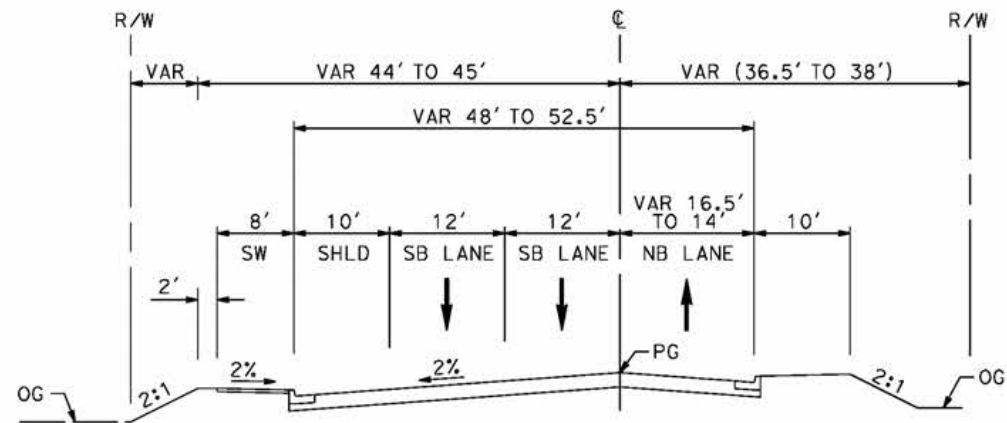
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 SIERRA HIGHWAY AND ANGELES FOREST HIGHWAY

CONTRACT NO.
HSR14-42

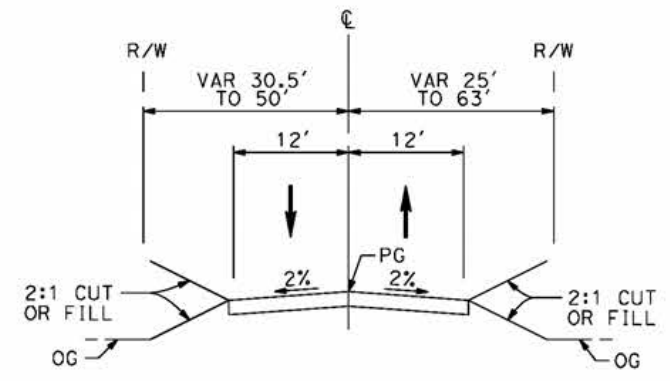
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CV-R3004-E2

SCALE
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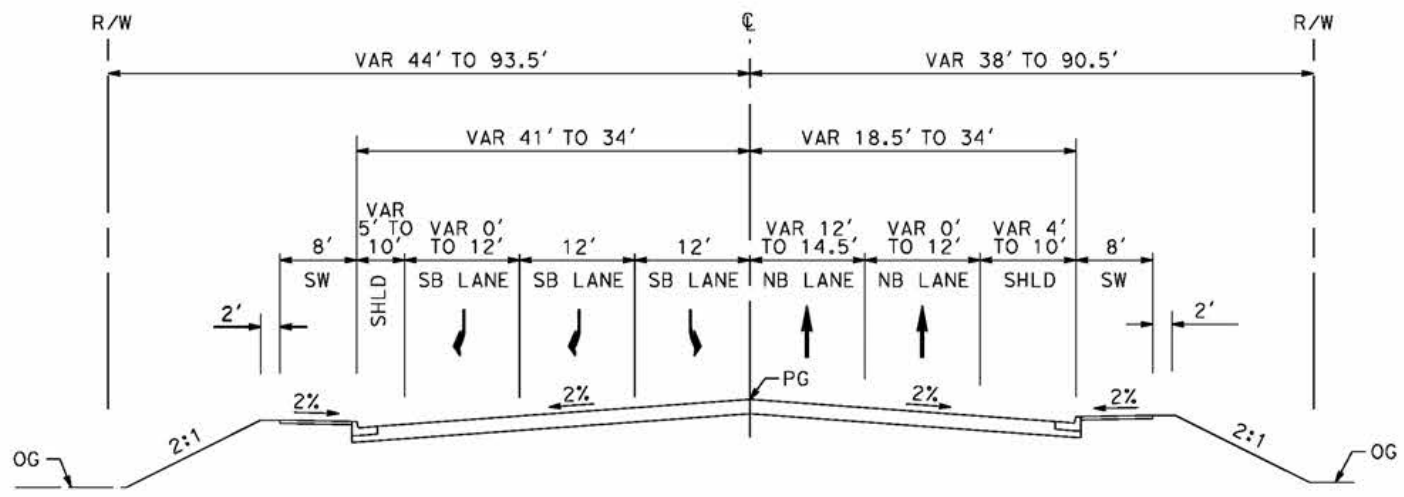
SHEET NO.



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 7:00:33 AM

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



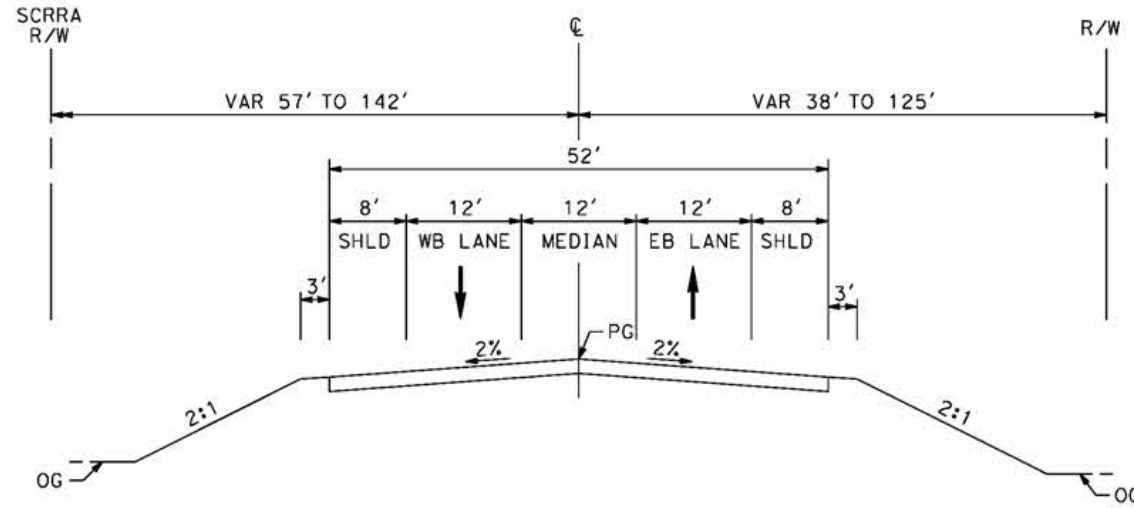
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 EAST TENTH STREET
 AND WATER TREATMENT PLANT ACCESS RD 2

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

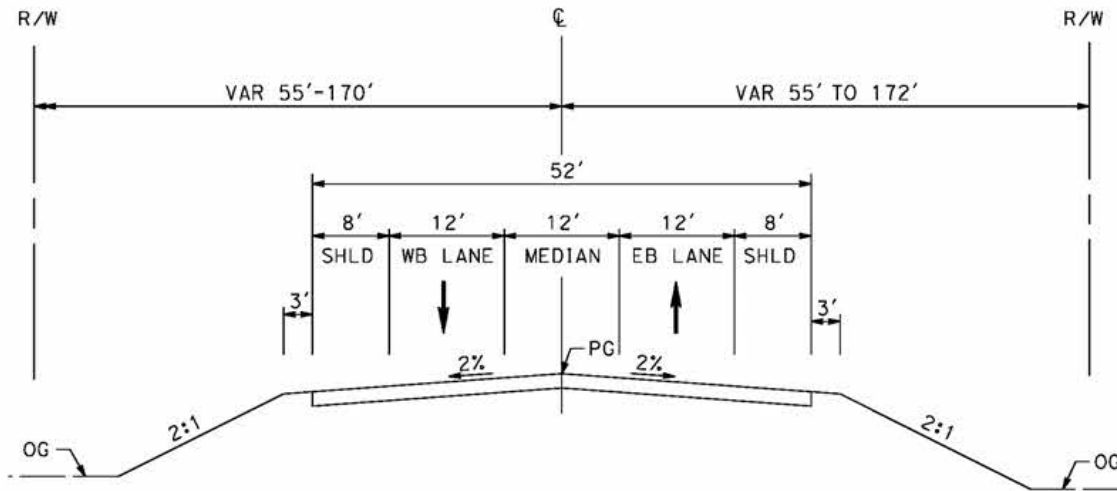
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5/24/2021 6:55:19 AM

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



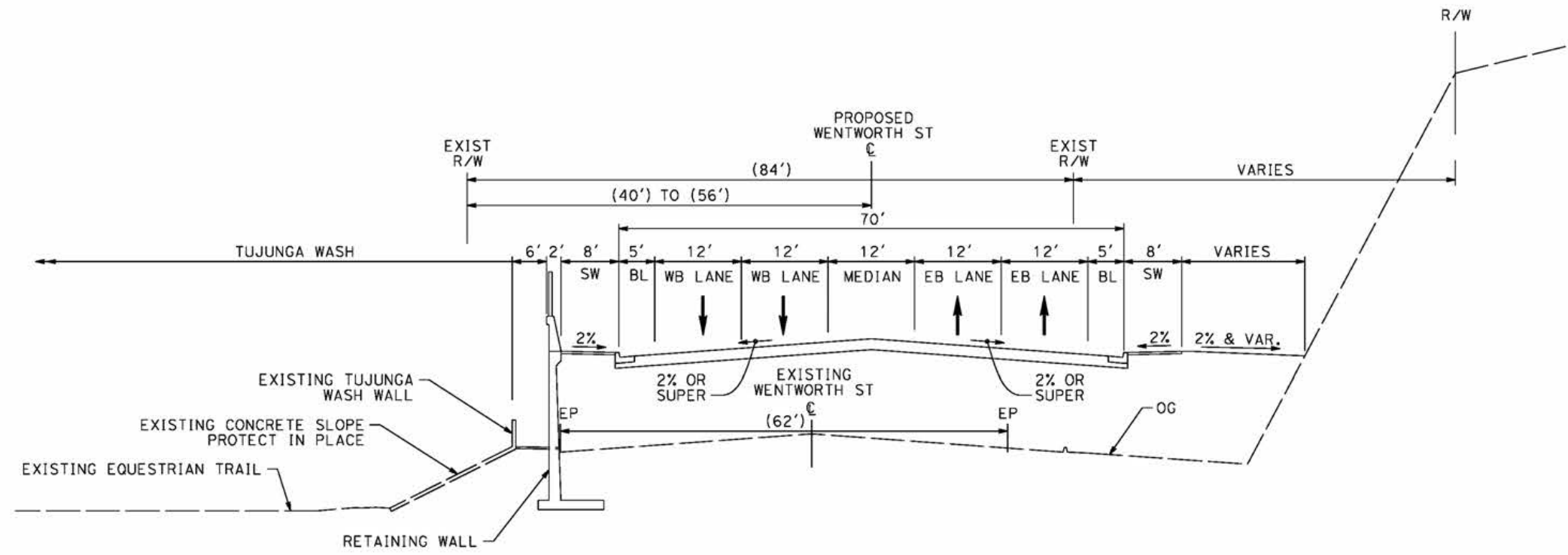
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 MOUNTAIN SPRINGS ROAD AND W CARSON MESA ROAD

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

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4/29/2021 9:10:29 PM

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



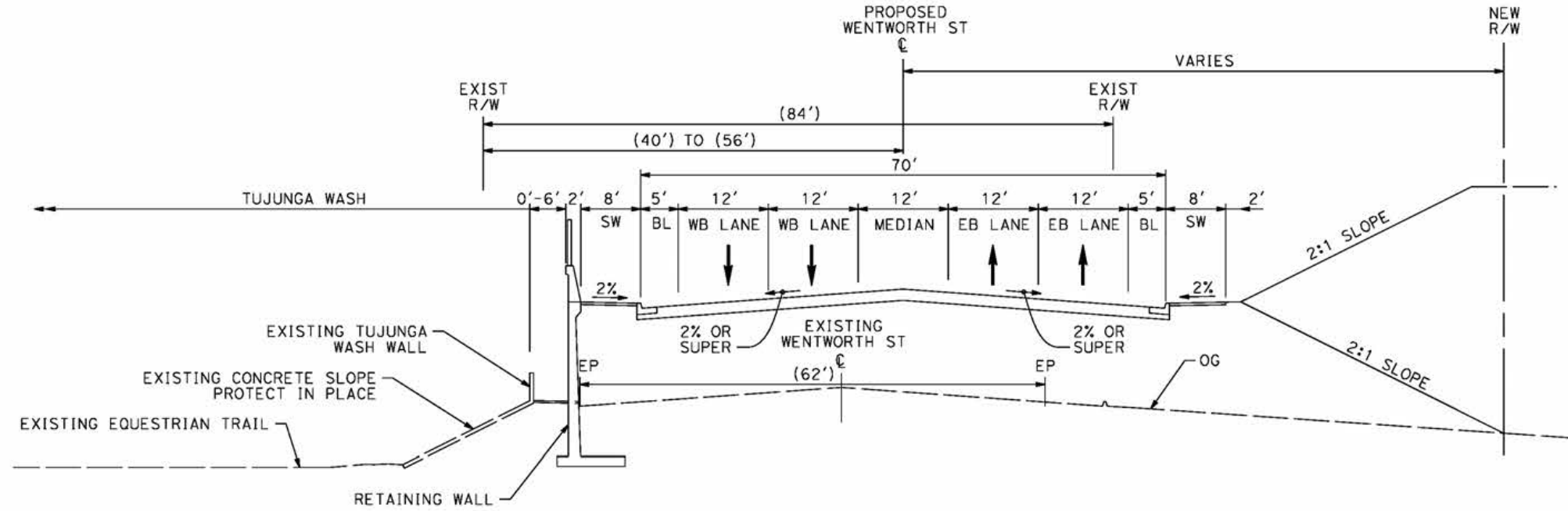
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 WENTWORTH STREET
 SHEET 1 OF 2

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

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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



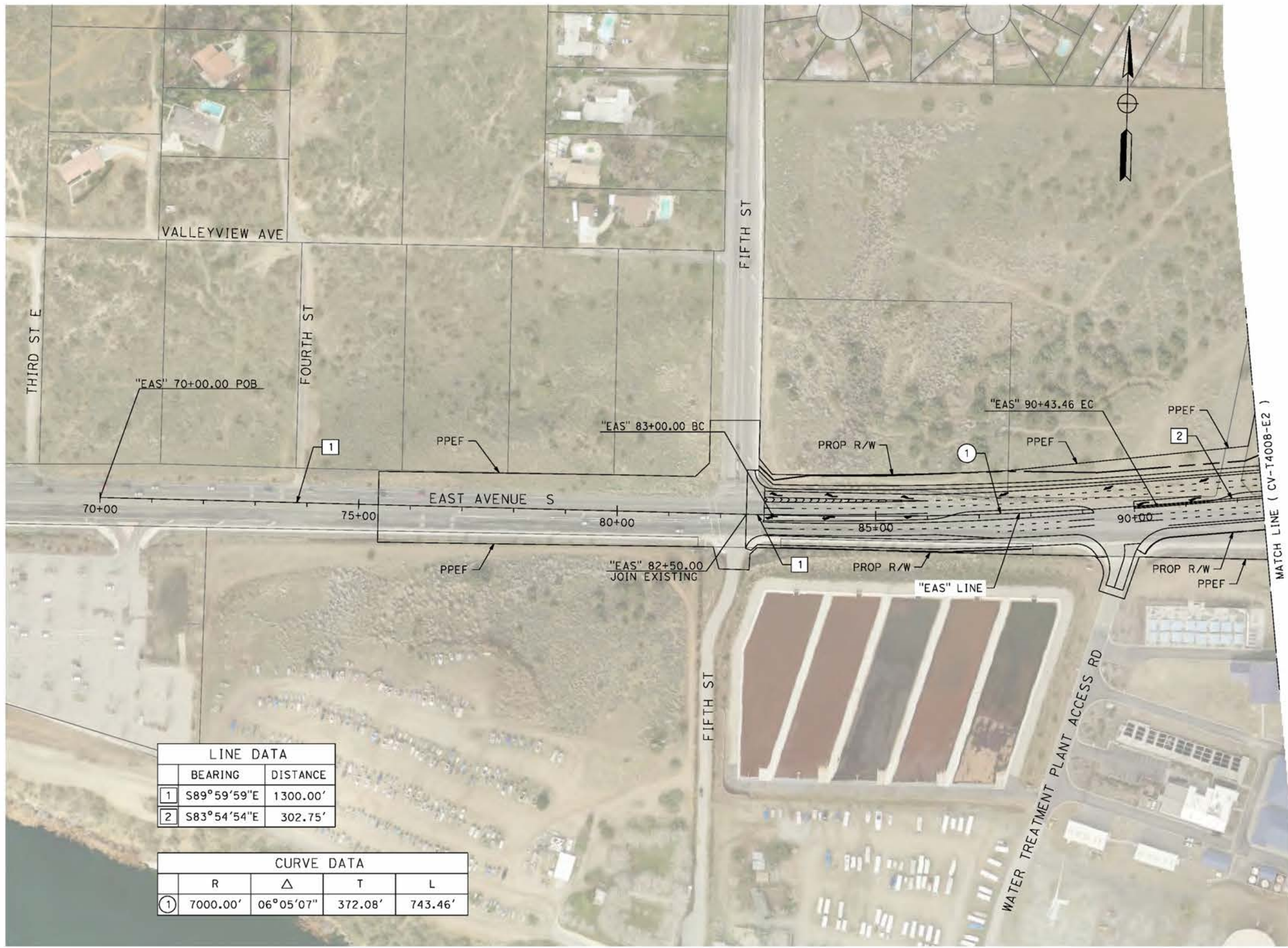
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 WENTWORTH STREET
 SHEET 2 OF 2

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**



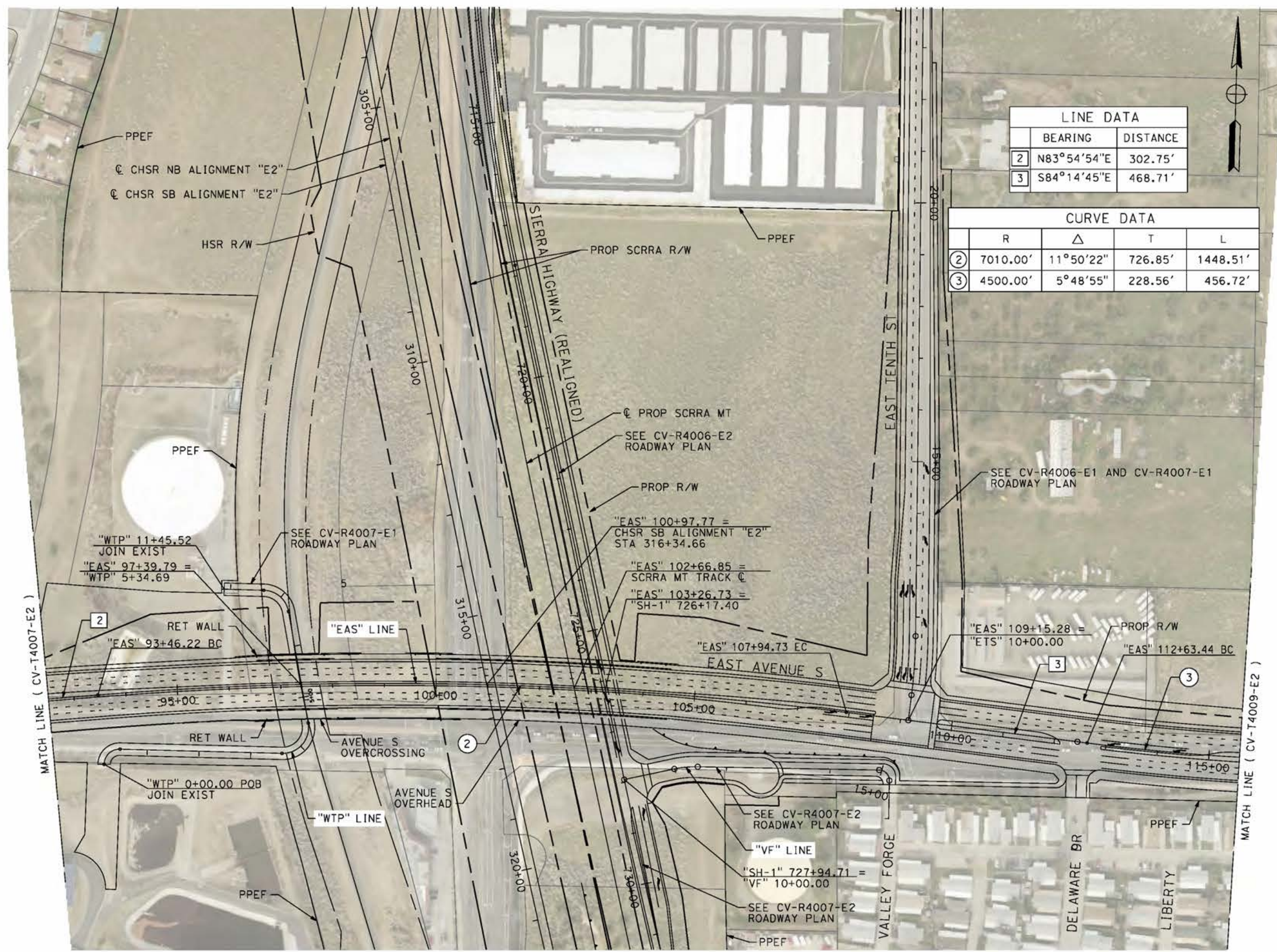
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 1 OF 3

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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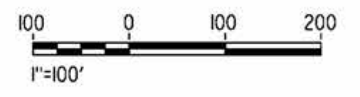
4/29/2021 9:56:33 PM

cordo



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



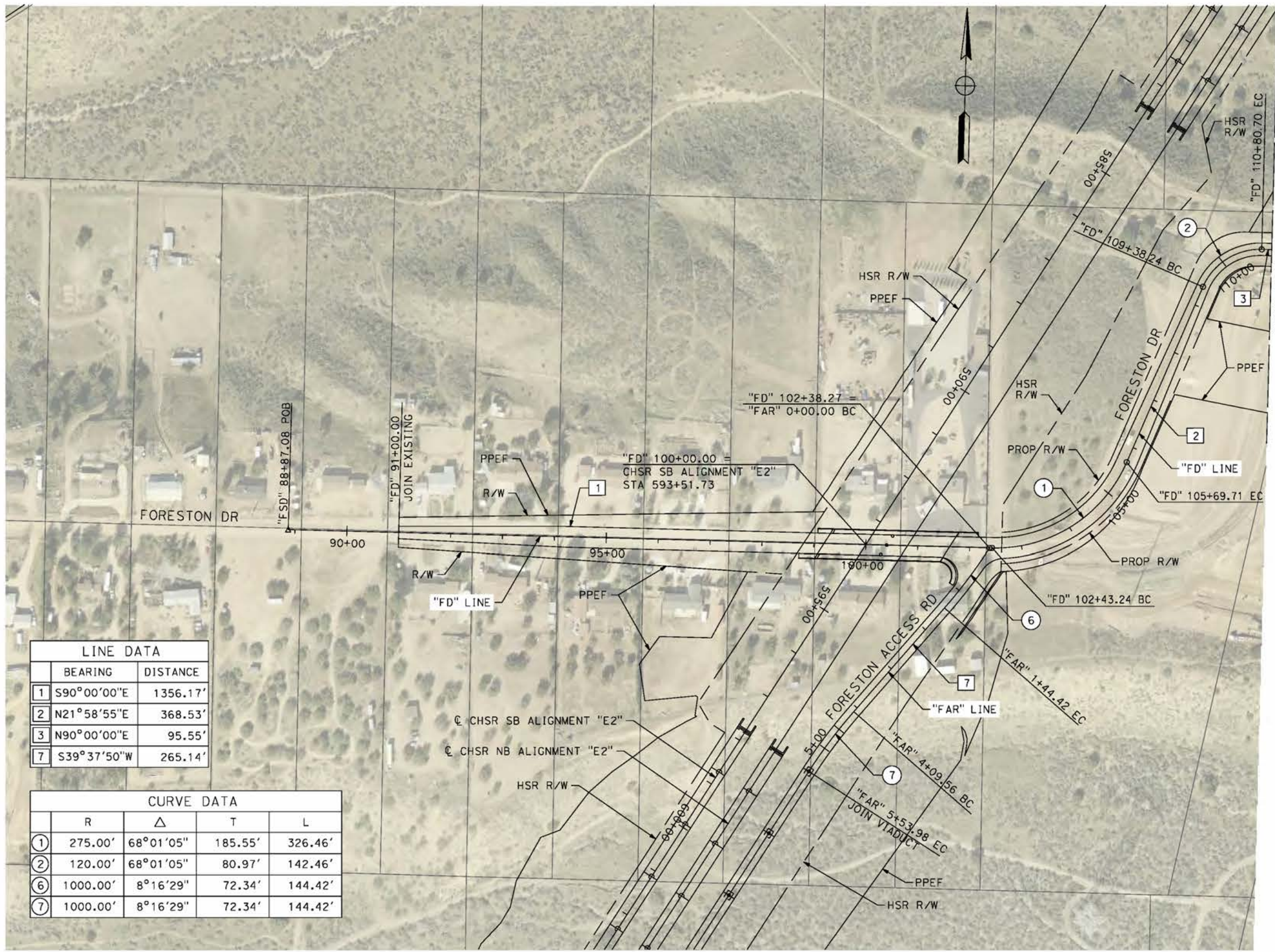
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
GRADE SEPARATION PLAN
EAST AVENUE S
SHEET 3 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4009-E2
SCALE
AS SHOWN
SHEET NO.

c:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalio.cordoba\dms24260\PB-CV-T4015-E2.dgn

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



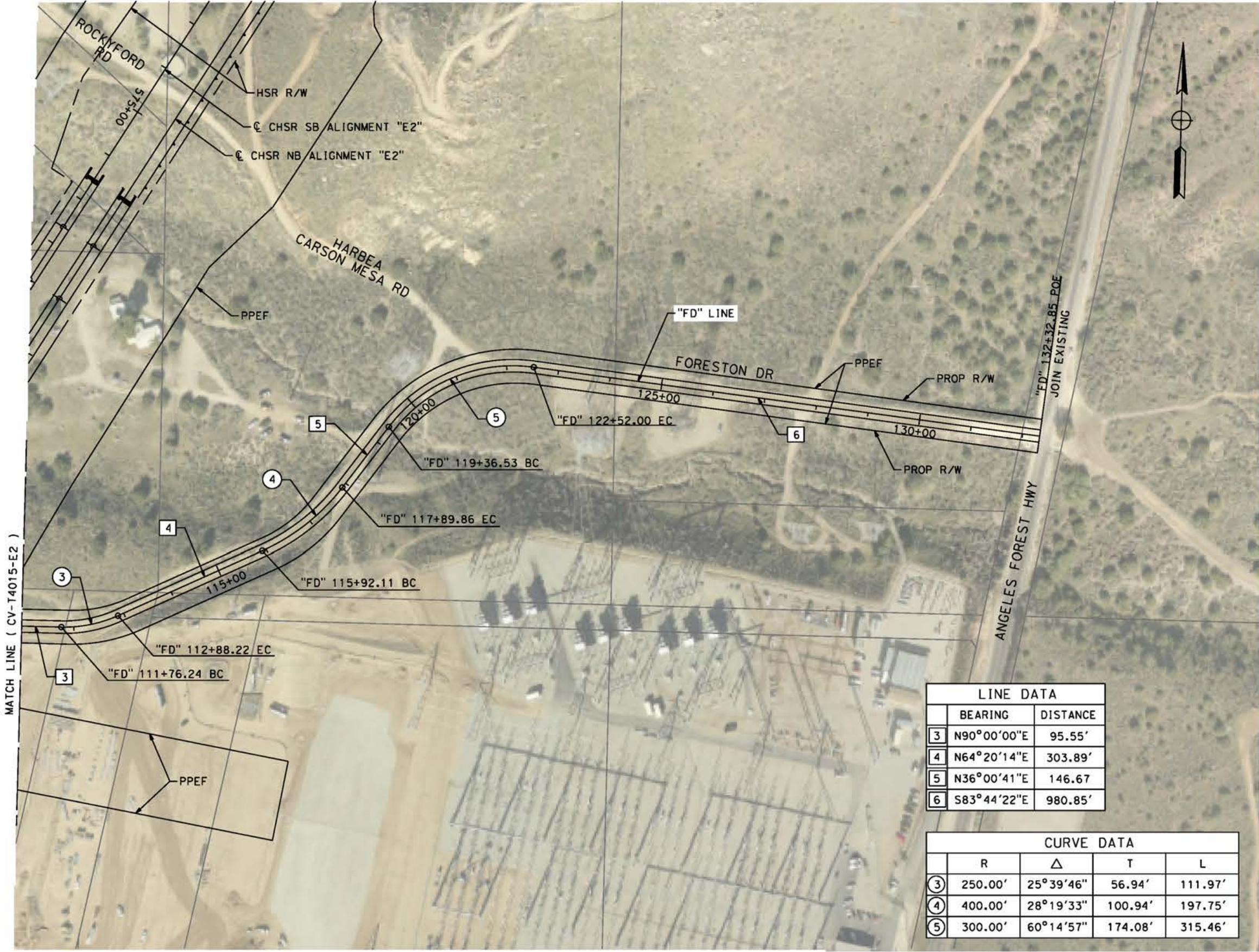
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
GRADE SEPARATION PLAN
FORESTON DRIVE AND FORESTON ACCESS ROAD

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

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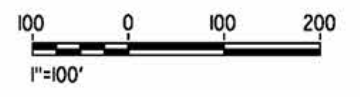
7/22/2021 12:48:55 AM

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**



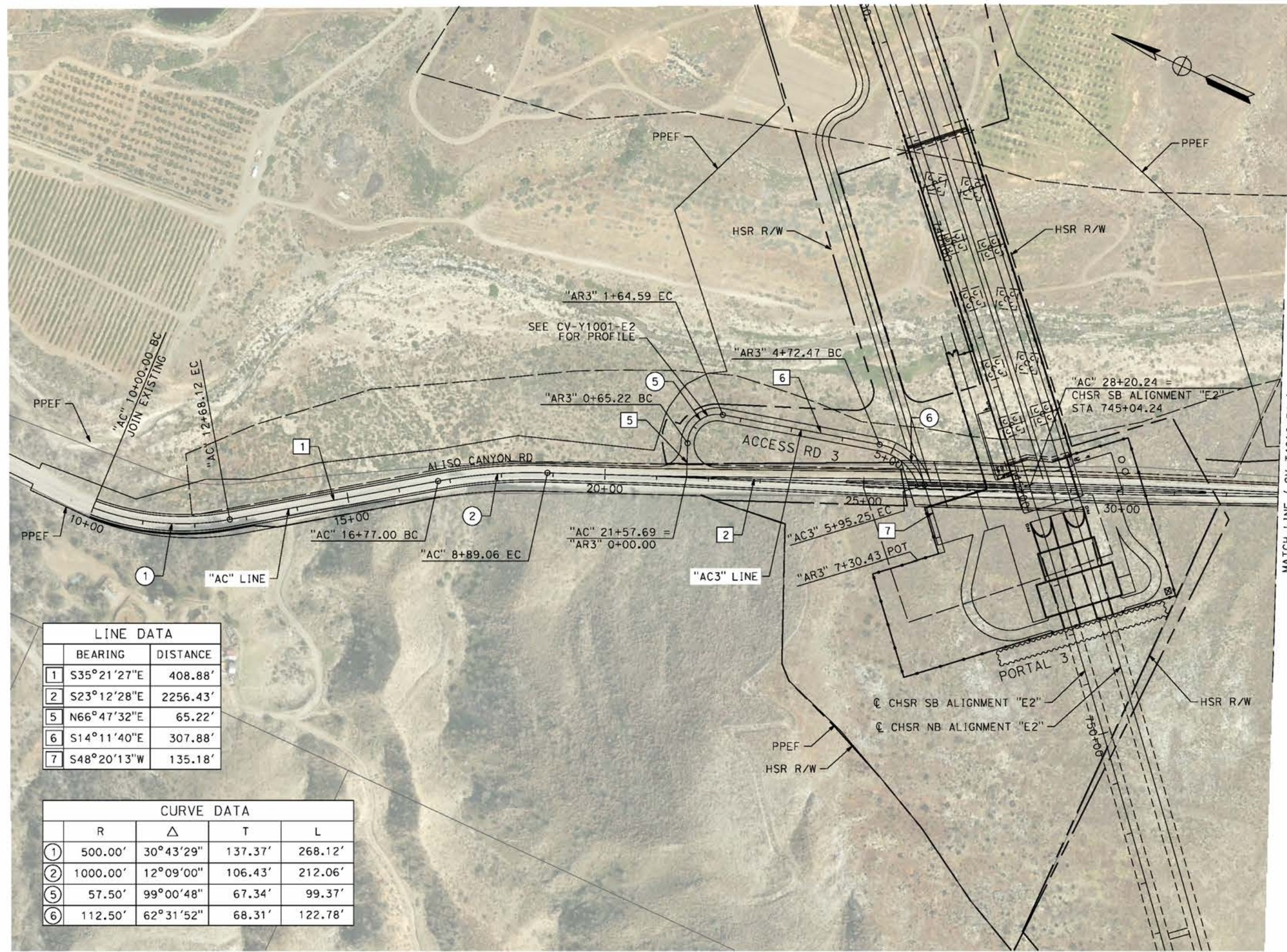
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
GRADE SEPARATION PLAN
FORESTON DRIVE

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

ct:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalio.cordoba\dms24260\VB-CV-T4017-E2.dgn

5/27/2021 8:00:59 AM

cordo



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**

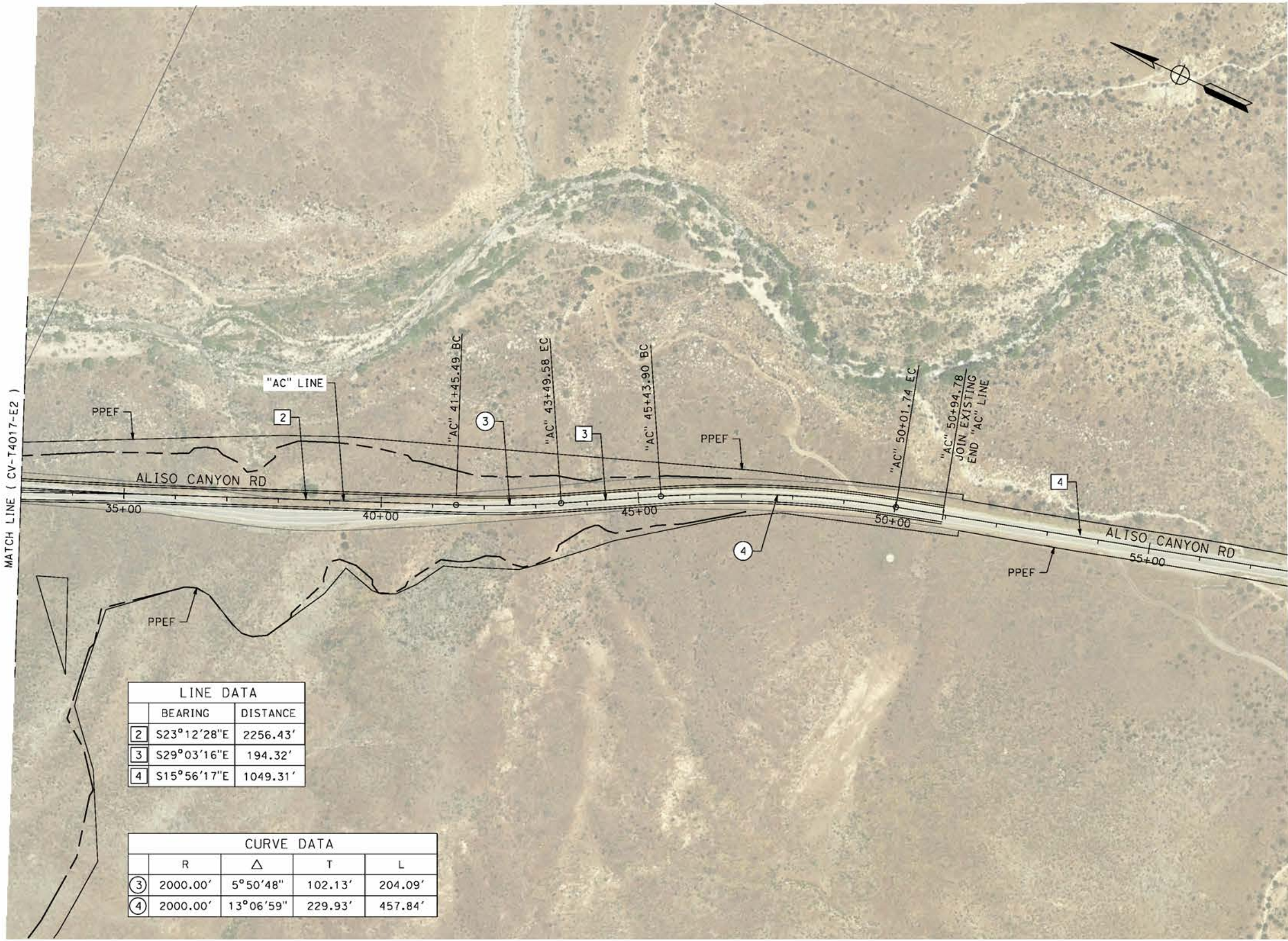
ALIGNMENT "E2"
ROADWAY PLAN
ALISO CANYON ROAD AND ACCESS ROAD 3
SHEET 1 OF 2

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**



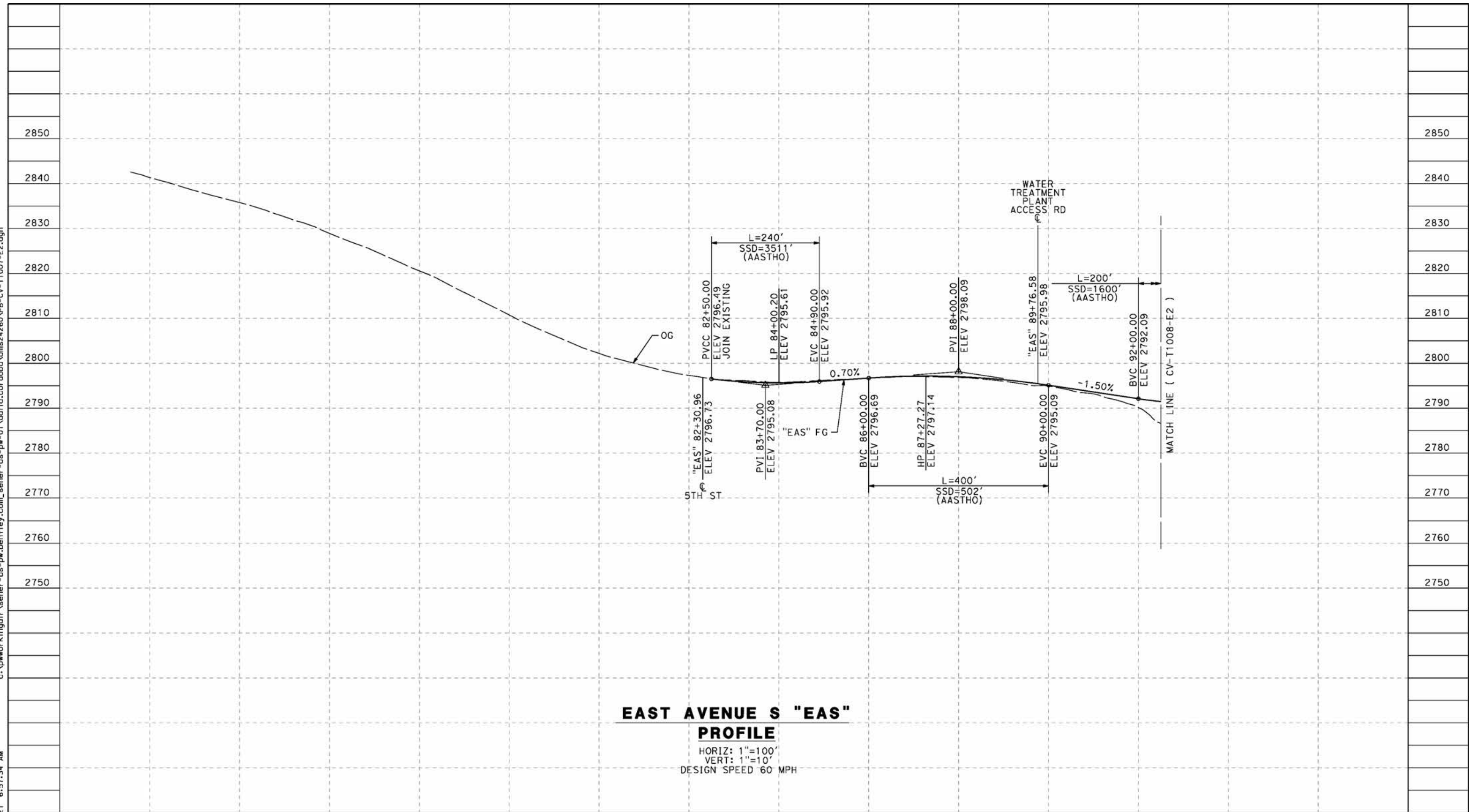
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E2"
ROADWAY PLAN
ALISO CANYON ROAD
SHEET 2 OF 2

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
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**



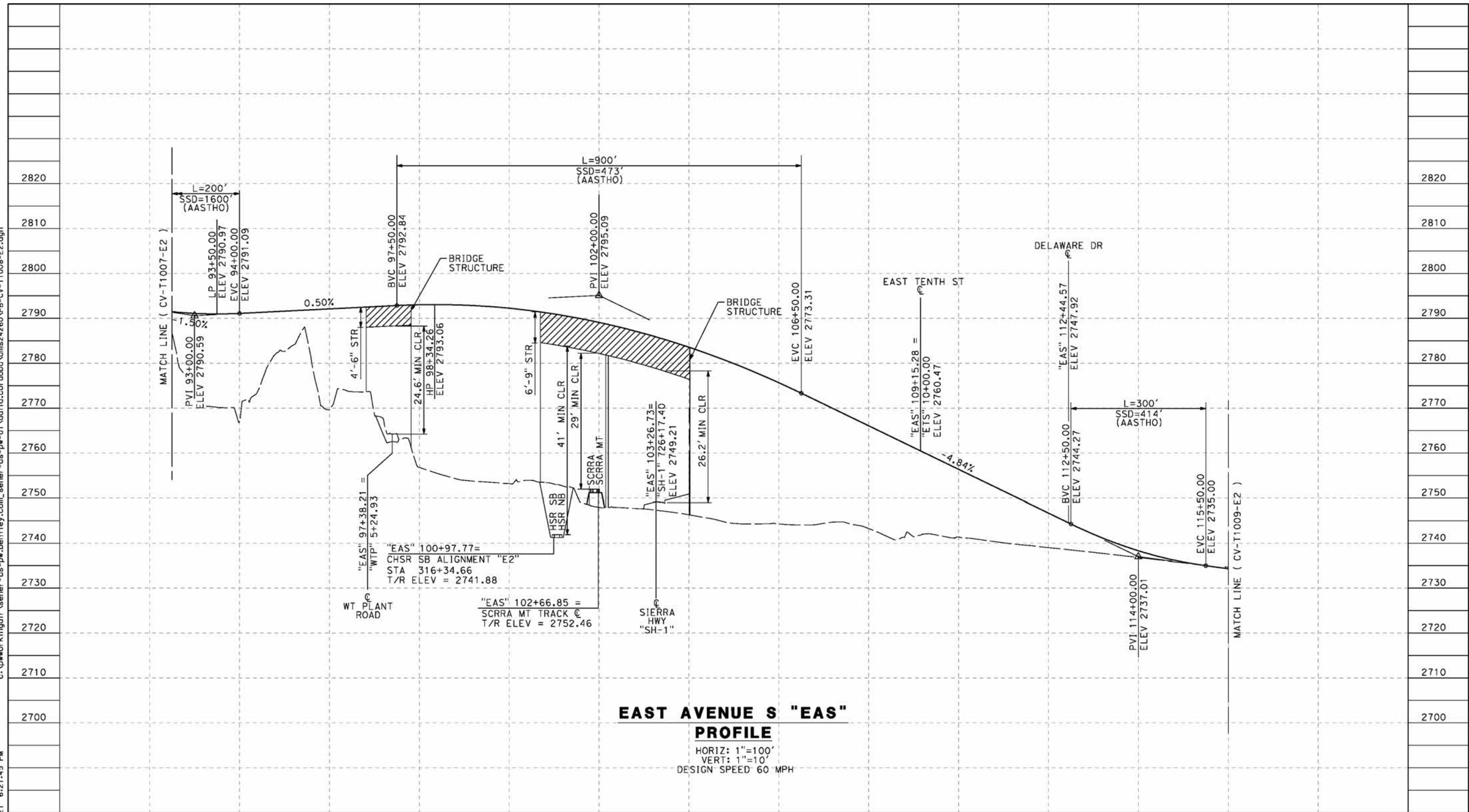
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 GRADE SEPARATION PROFILE
 EAST AVENUE S
 SHEET 1 OF 3

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																
CY																

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**

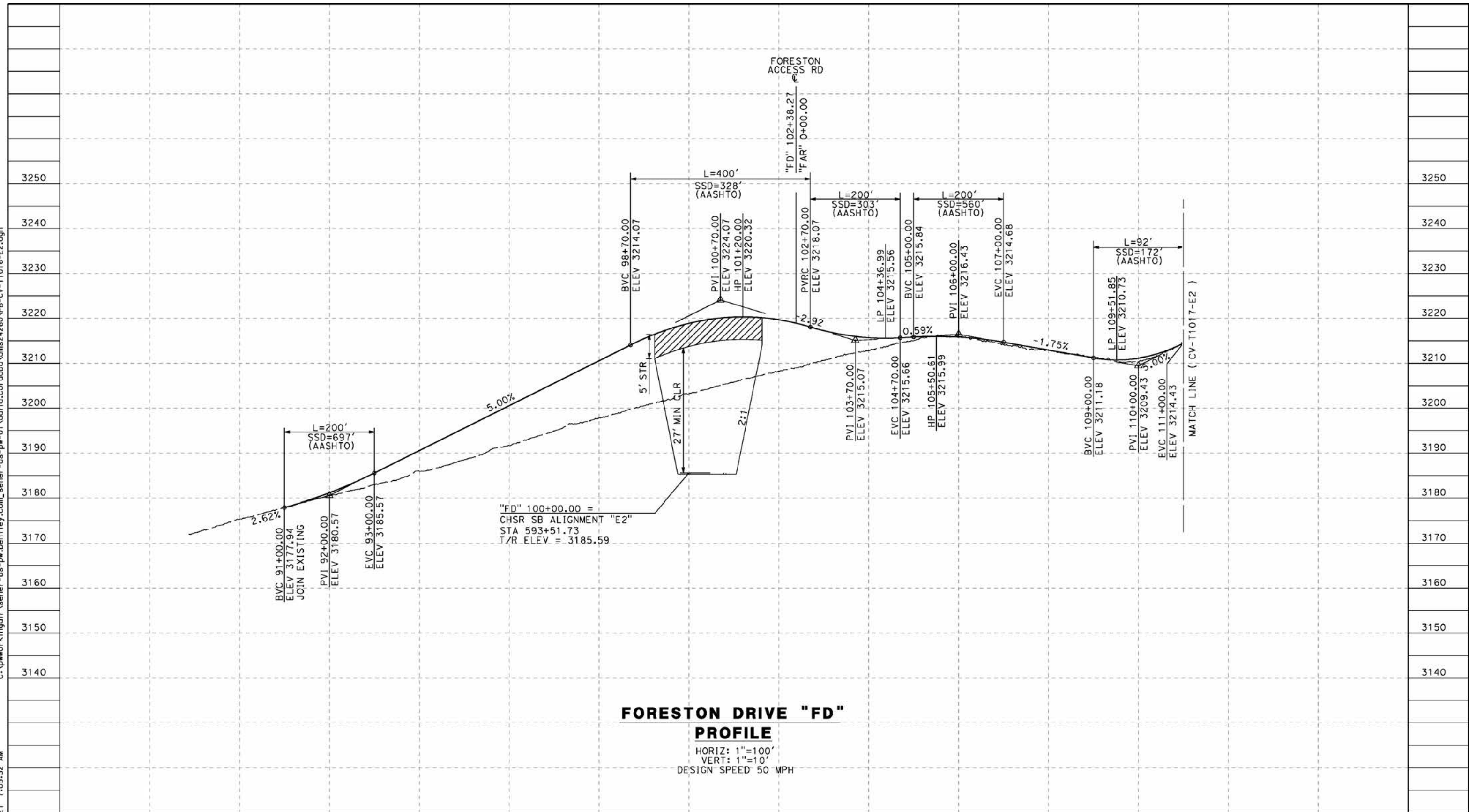


CALIFORNIA HIGH-SPEED RAIL PROJECT PALMDALE TO BURBANK ALIGNMENT "E2" GRADE SEPARATION PROFILE EAST AVENUE S SHEET 2 OF 3		CONTRACT NO. HSR14-42 DRAWING NO. CV-T1008-E2 SCALE AS SHOWN SHEET NO.
--	--	--

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5/24/2021 7:05:32 AM

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
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**

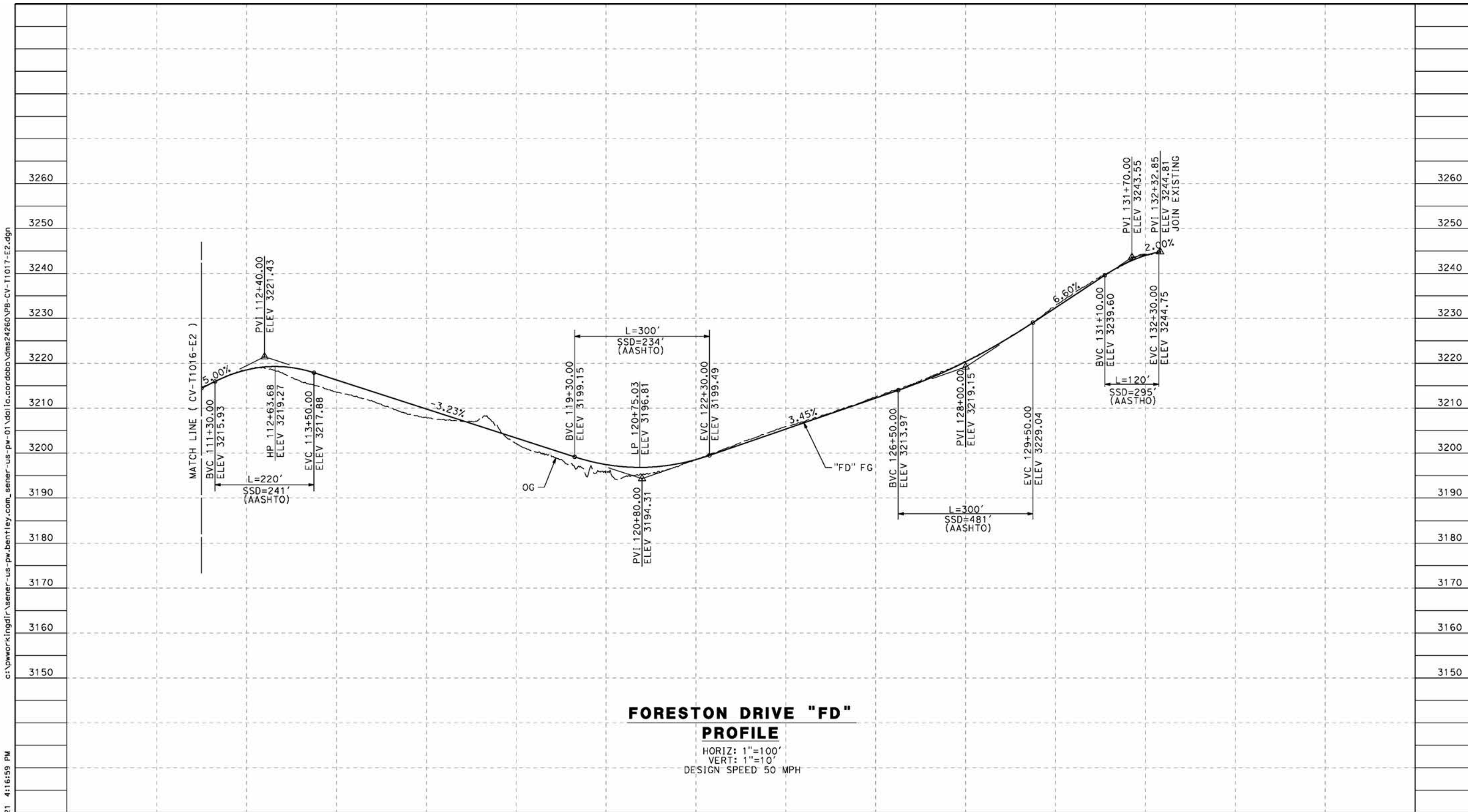


**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 GRADE SEPARATION PROFILE
 FORESTON DRIVE
 SHEET 1 OF 2

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

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cordo



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
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**



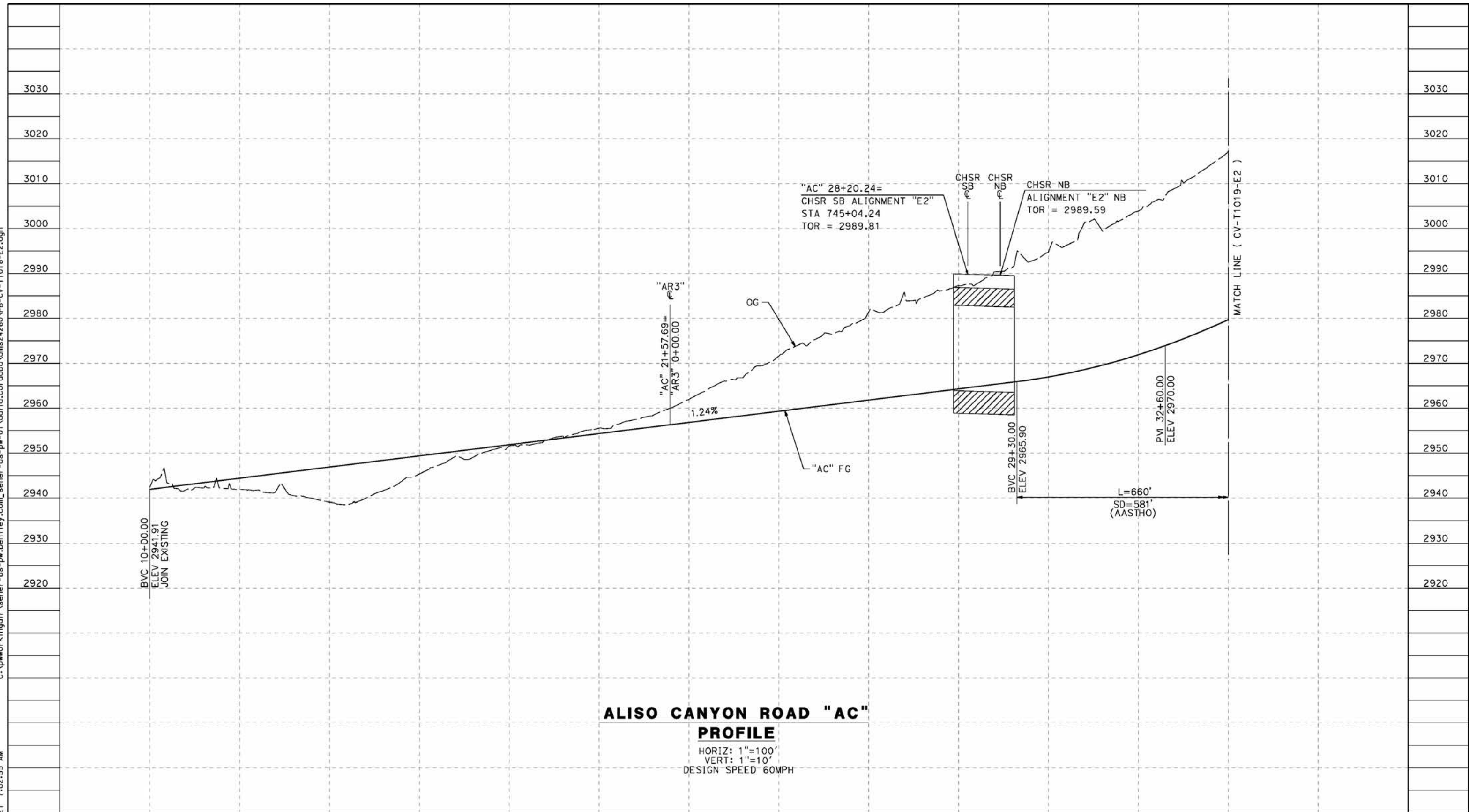
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 GRADE SEPARATION PROFILE
 FORESTON DRIVE
 SHEET 2 OF 2

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
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**



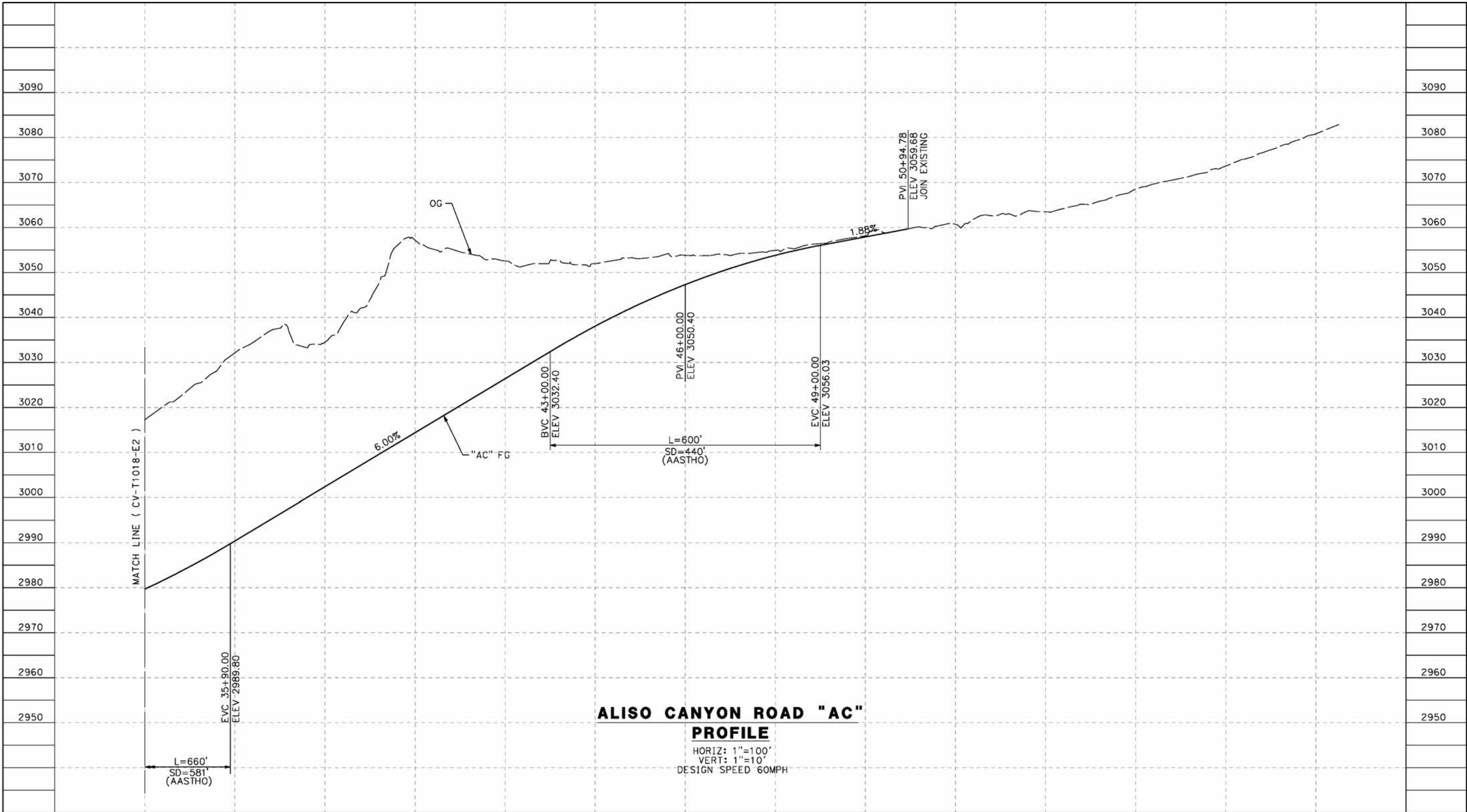
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 GRADE SEPARATION PROFILE
 ALISO CANYON ROAD
 SHEET 1 OF 2

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1018-E2
 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	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
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**



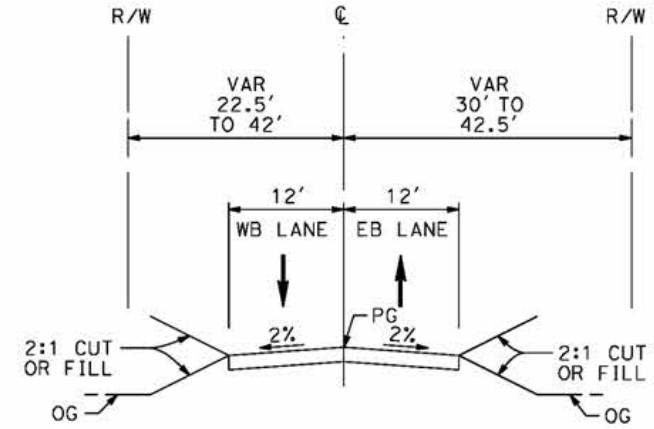
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 GRADE SEPARATION PROFILE
 ALISO CANYON ROAD
 SHEET 2 OF 2

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

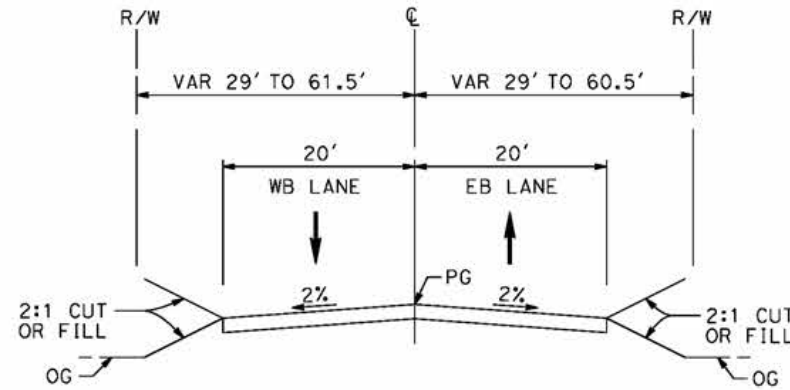
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4/29/2021 11:10:36 PM

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

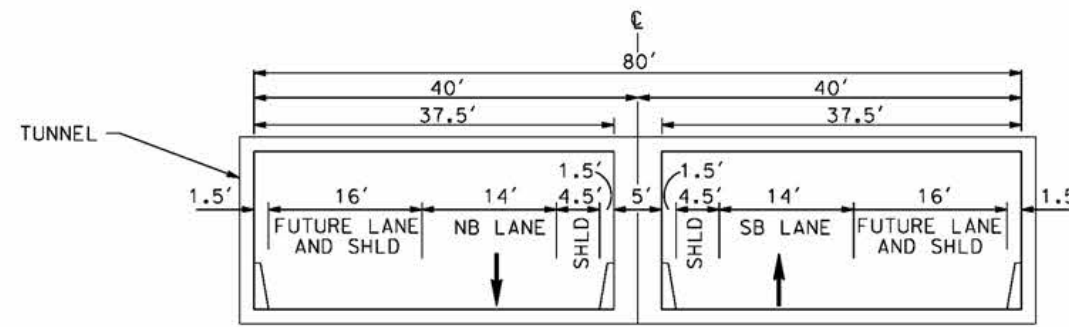
DESIGNED BY
J.C. ALAMILLA
 DRAWN BY
A. SANZ
 CHECKED BY
W. GUO
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
 REV 02
NOT FOR CONSTRUCTION

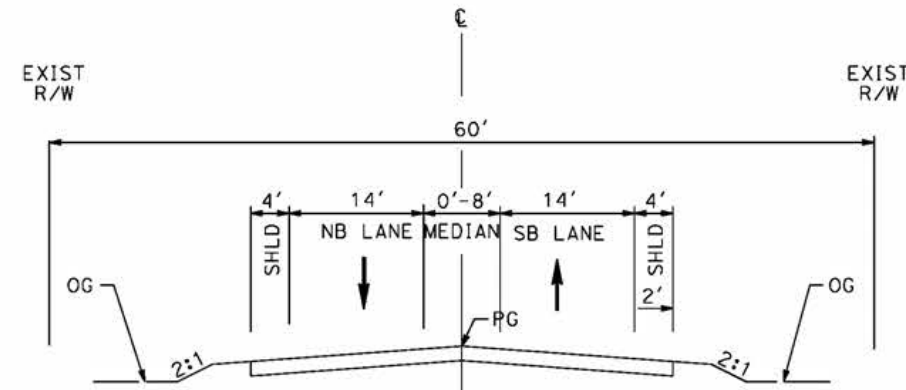


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 FORESTON DRIVE

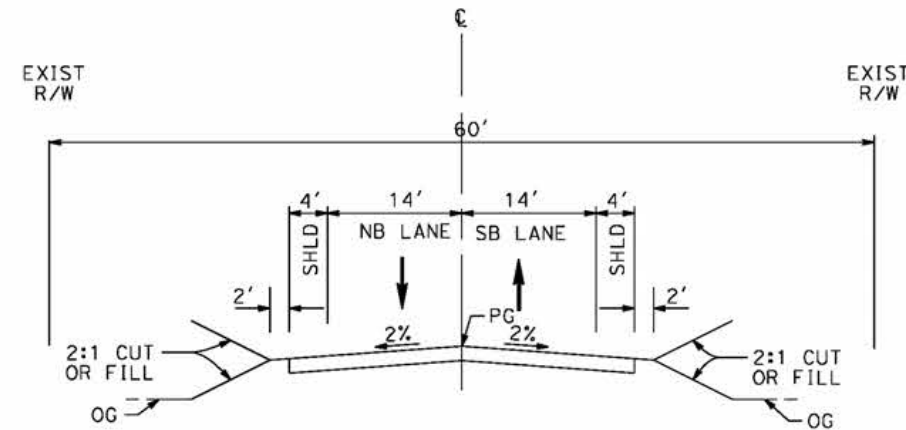
CONTRACT NO.
 HSR14-42
 DRAWING NO.
 CV-T3001-E2
 SCALE
 NO SCALE
 SHEET NO.



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

c:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\dalila.cordoba\dms24260VPB-CV-T3002-E2.dgn

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



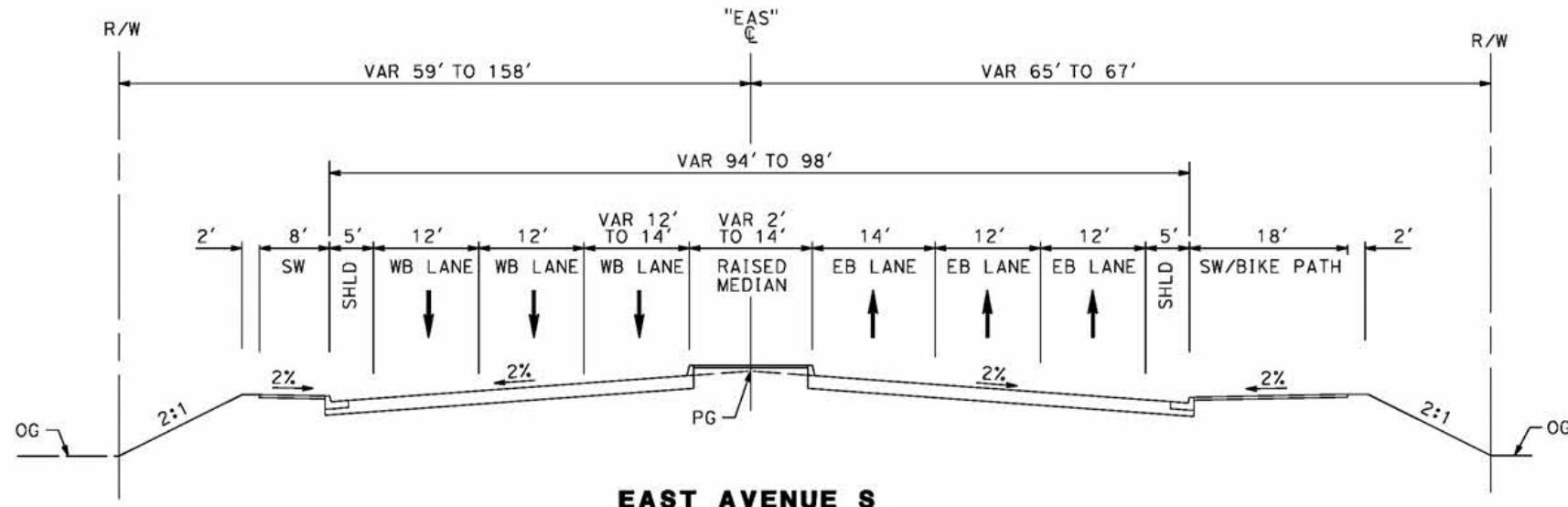
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 ALISO CANYON ROAD

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

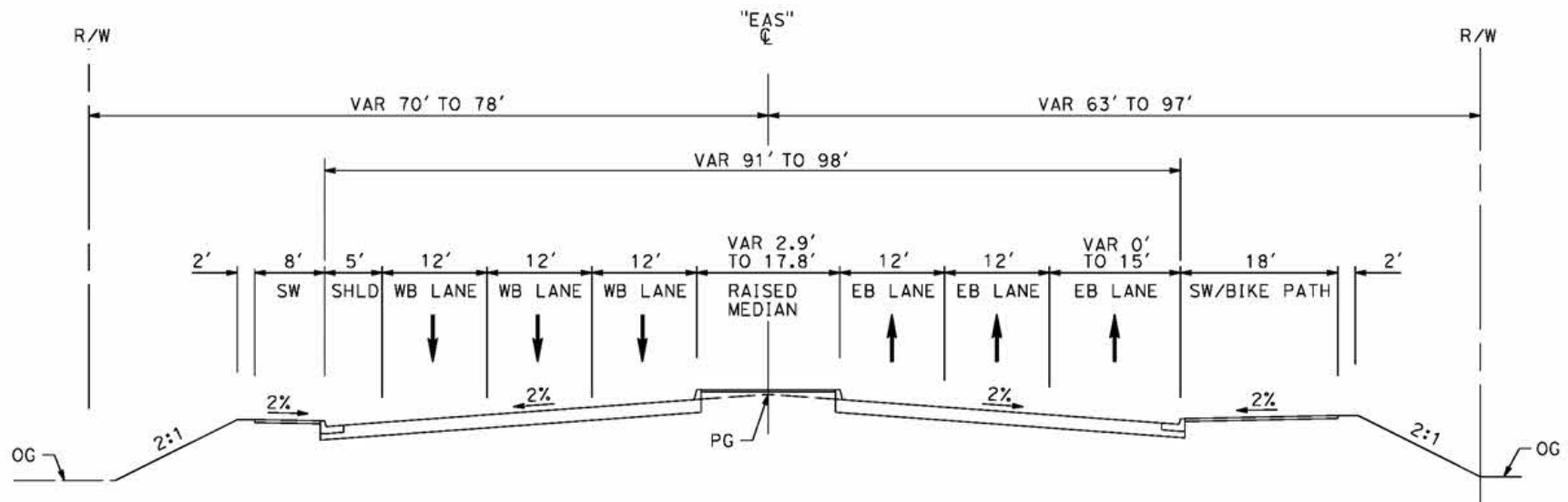
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4/29/2021 11:17:47 PM

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



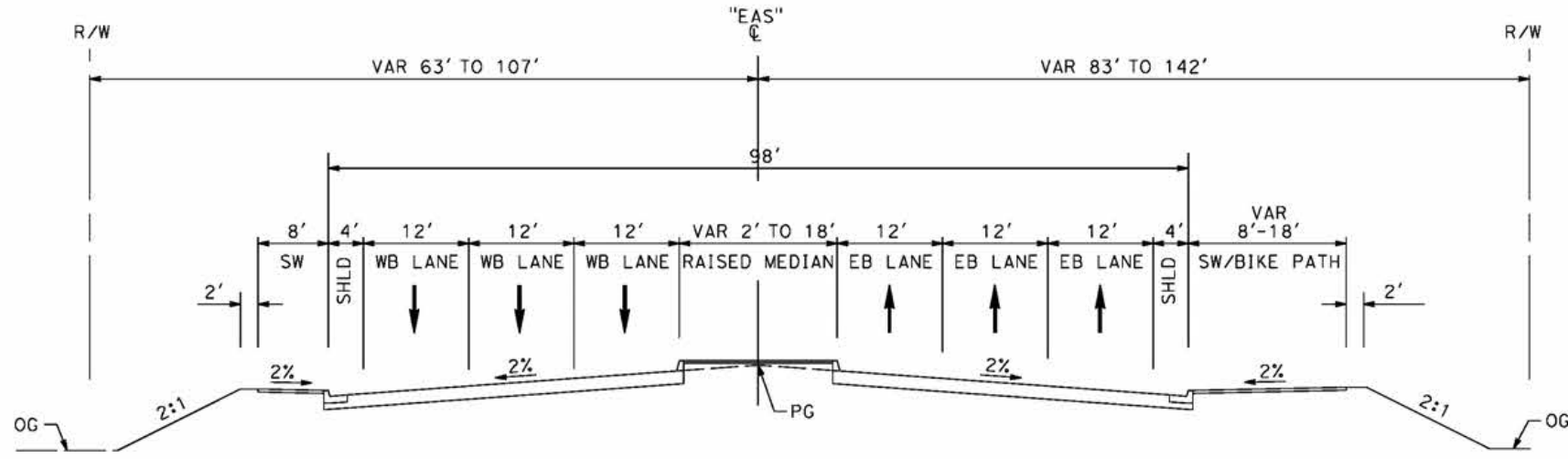
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 EAST AVENUE S
 SHEET 1 OF 2

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

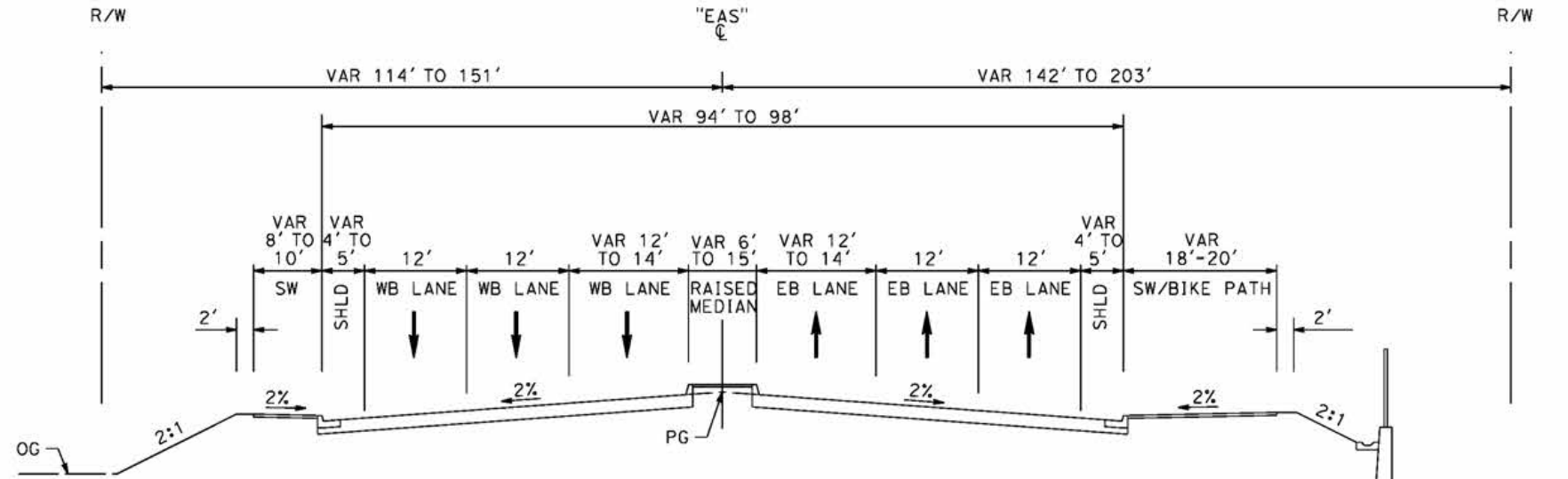
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4/29/2021 11:19:32 PM

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



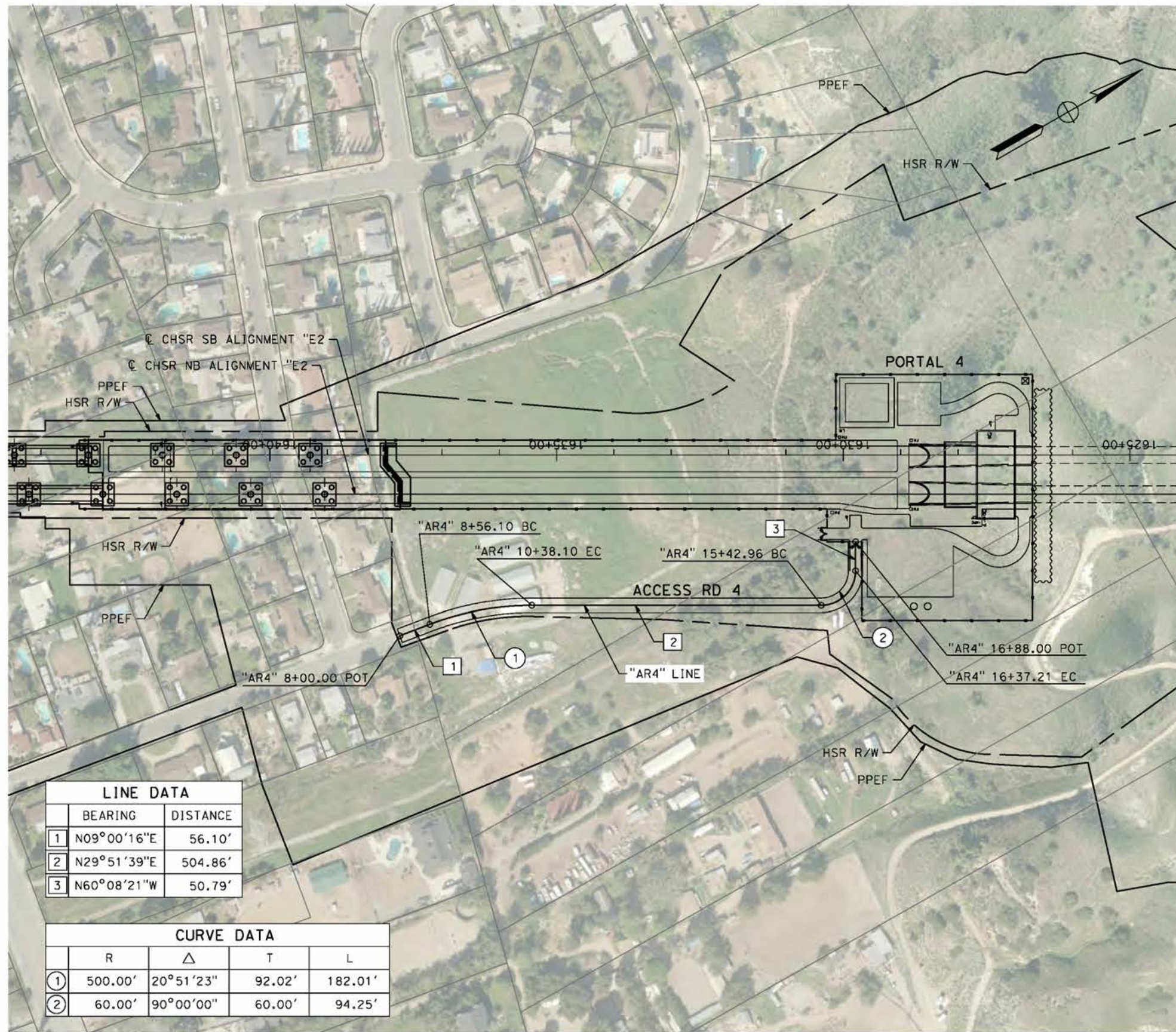
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 EAST AVENUE S
 SHEET 2 OF 2

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

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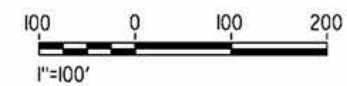
4/29/2021 11:22:01 PM

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



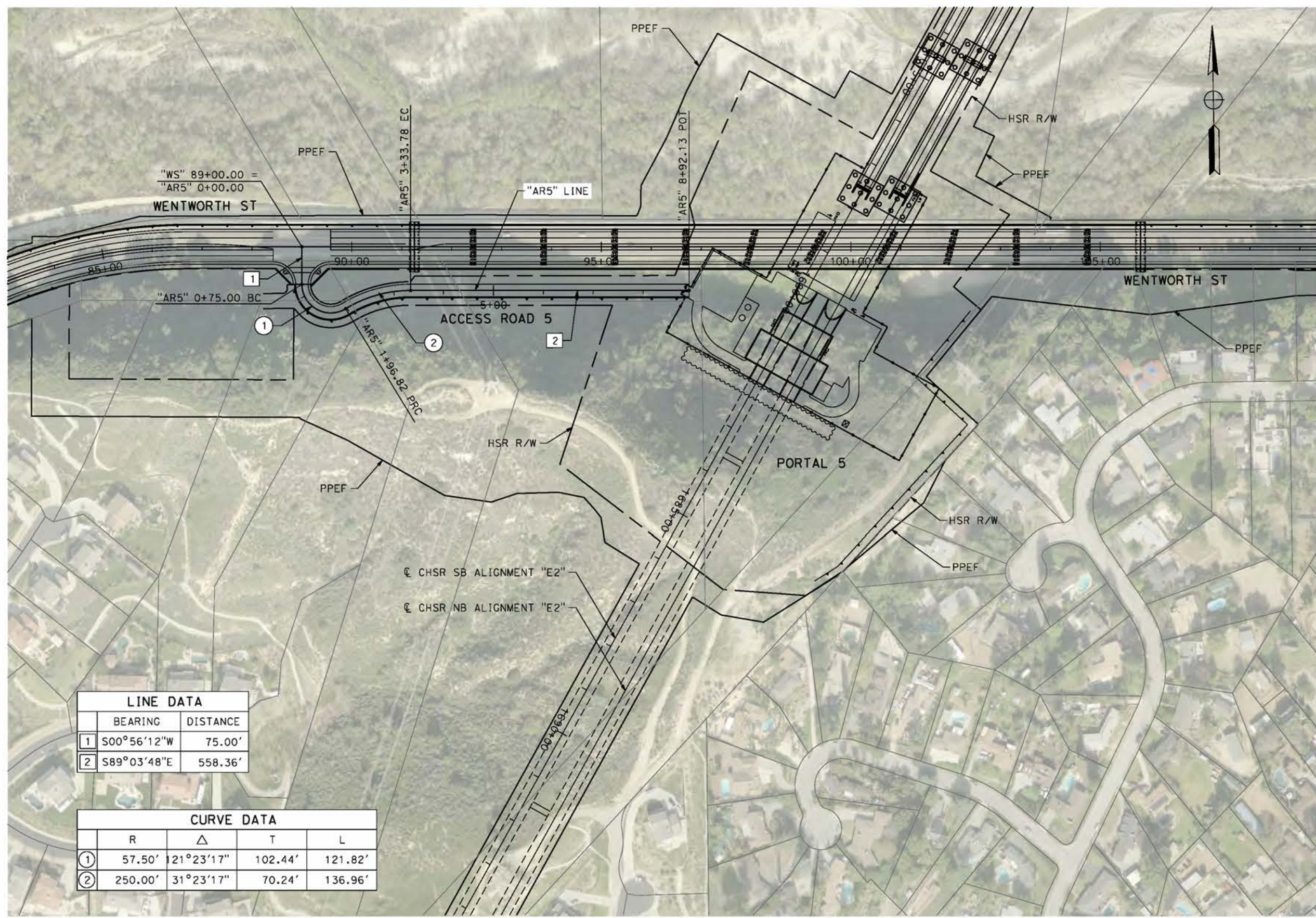
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
ACCESS ROAD PLAN
ACCESS ROAD 4

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

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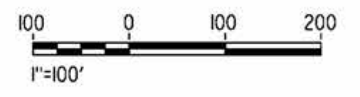
4/29/2021 11:25:06 PM

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
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



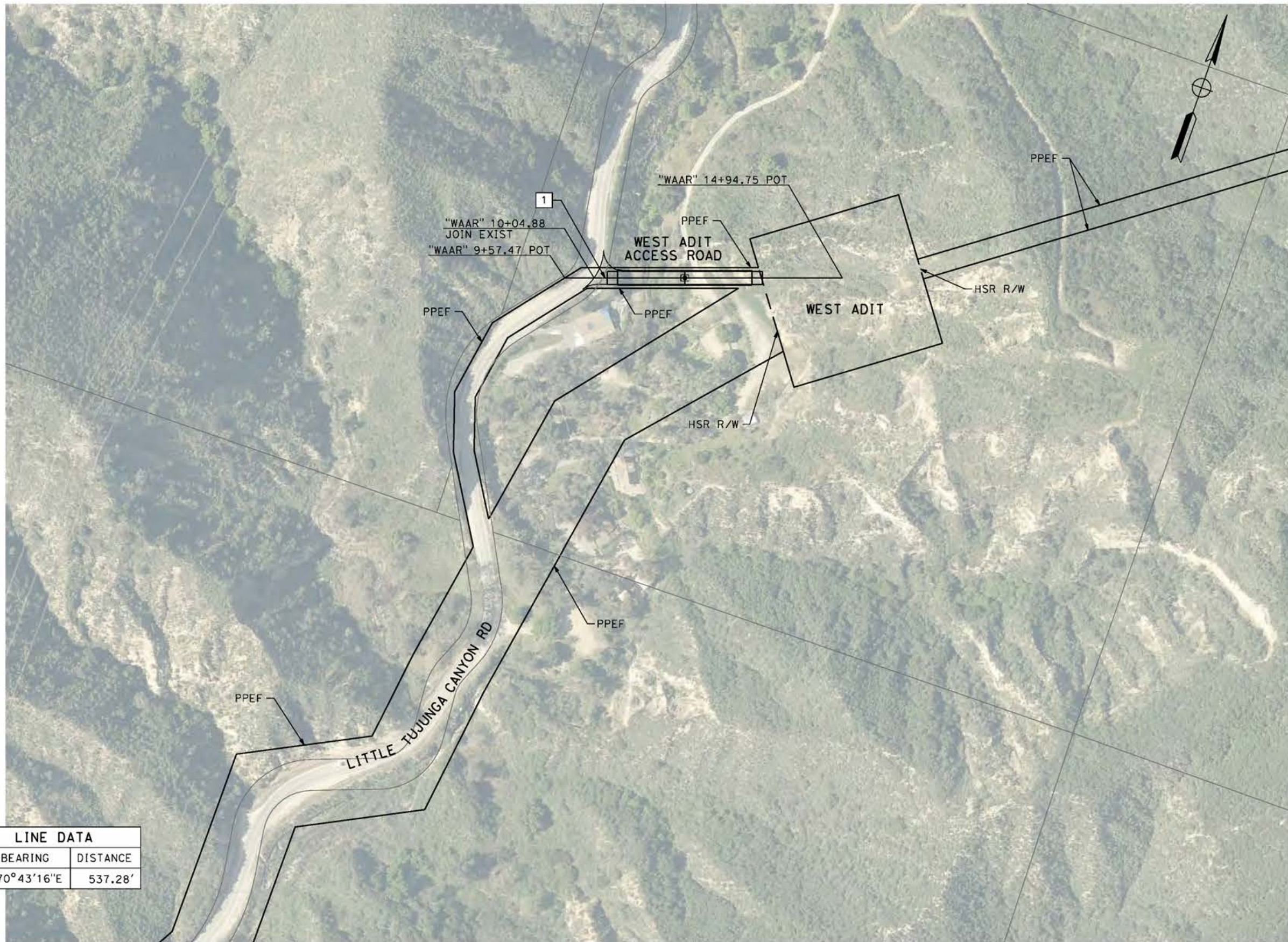
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
ACCESS ROAD PLAN
ACCESS ROAD 5

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

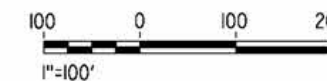
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4/29/2021 11:28:17 PM

cordo



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



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
WEST ADIT ACCESS ROAD

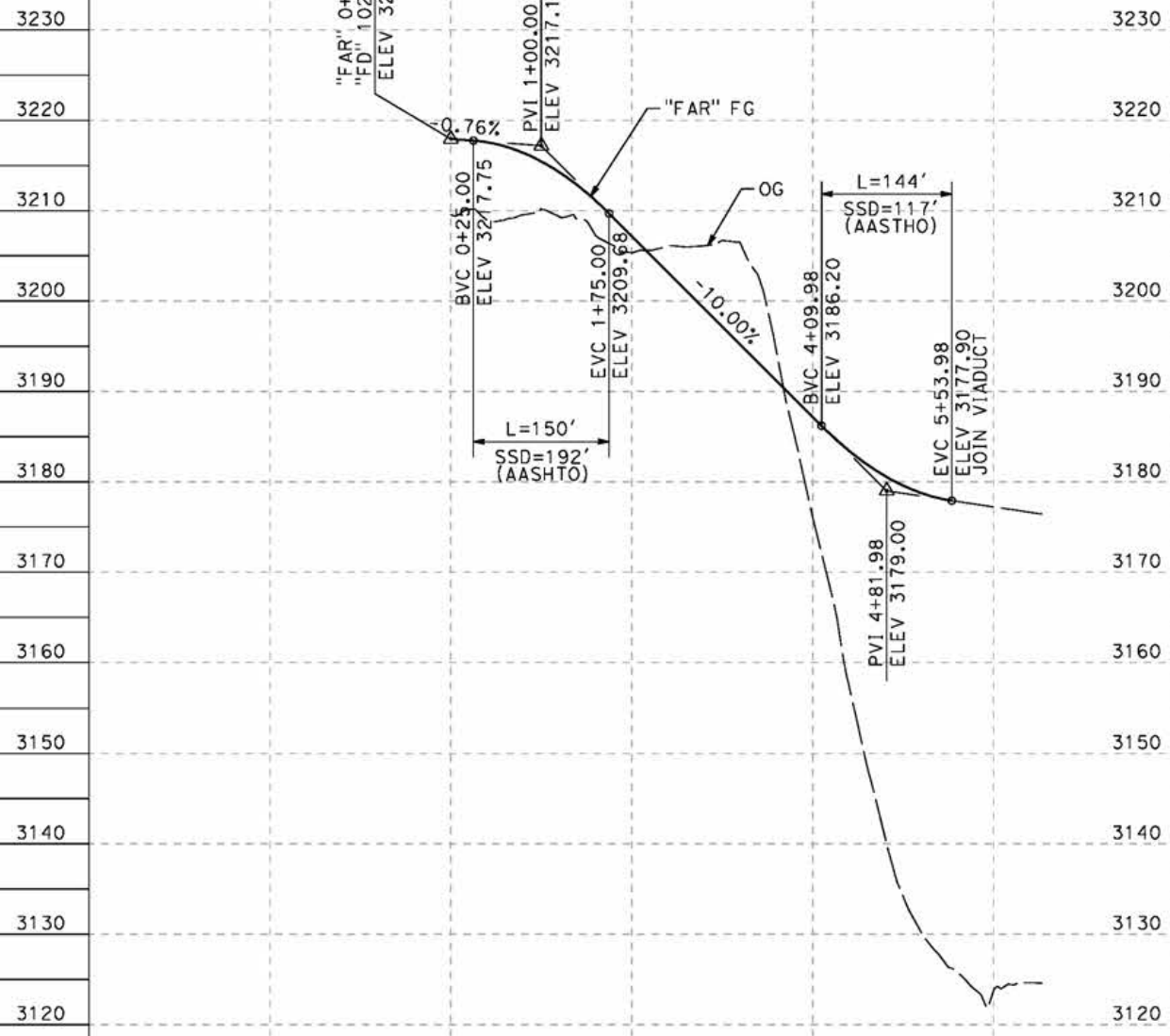
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4003-E2
SCALE
AS SHOWN
SHEET NO.

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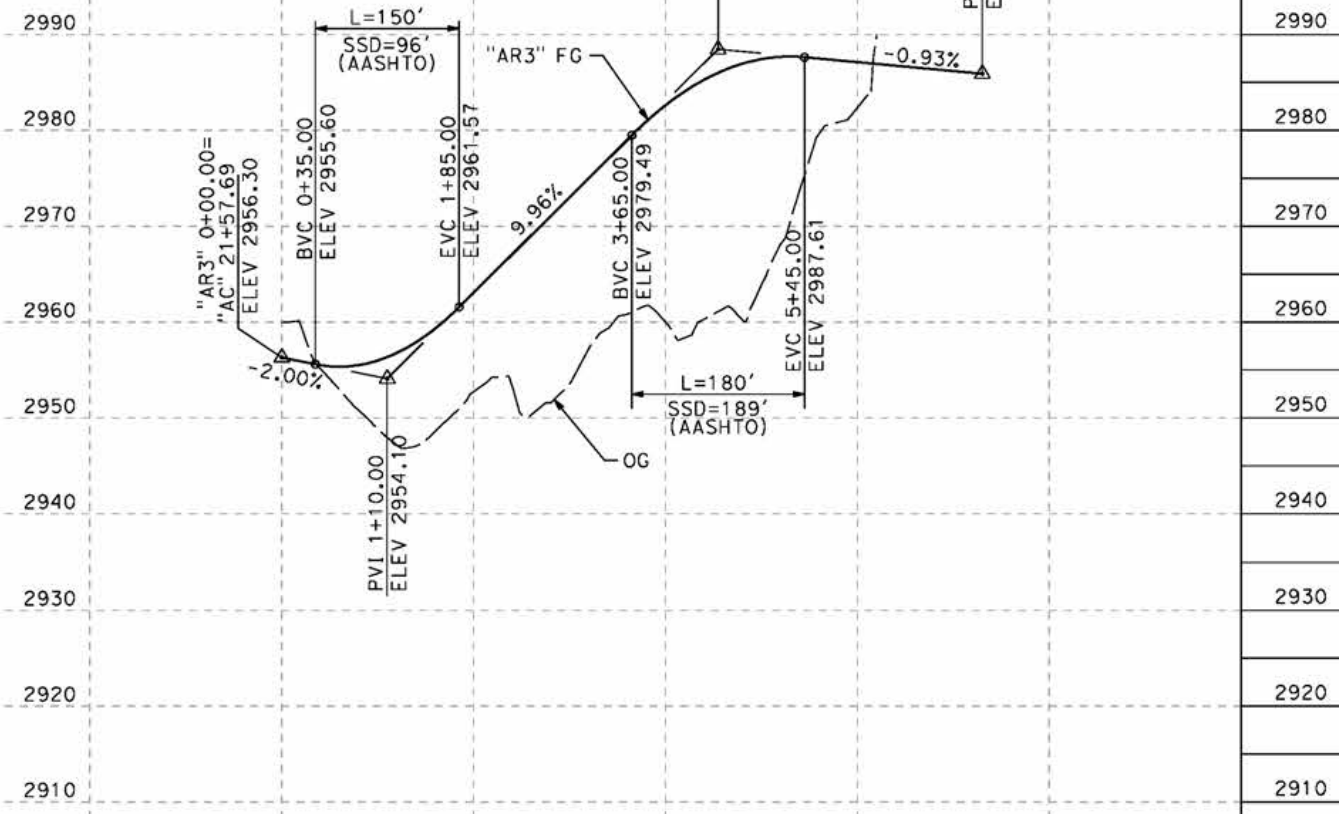
5/24/2021 4:22:10 PM

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	0+00	2+00	4+00	6+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 "E2"
ACCESS ROAD PROFILE
FORESTON ACCESS ROAD AND ACCESS ROAD 3 - PORTAL 3

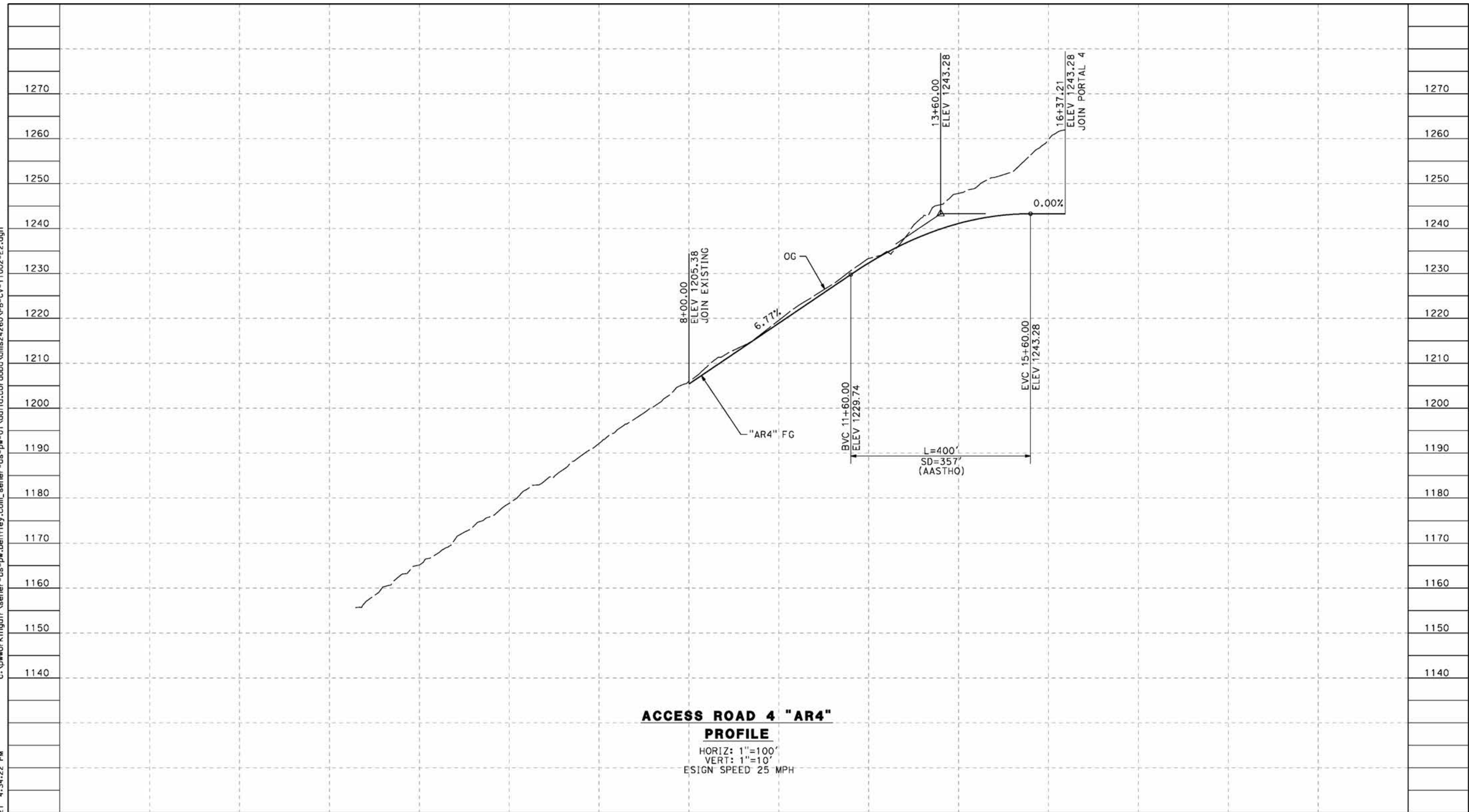
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1001-E2
SCALE
AS SHOWN
SHEET NO.

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cordo



ACCESS ROAD 4 "AR4"

PROFILE

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

STATION		8+00	10+00	12+00	14+00	16+00	18+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**



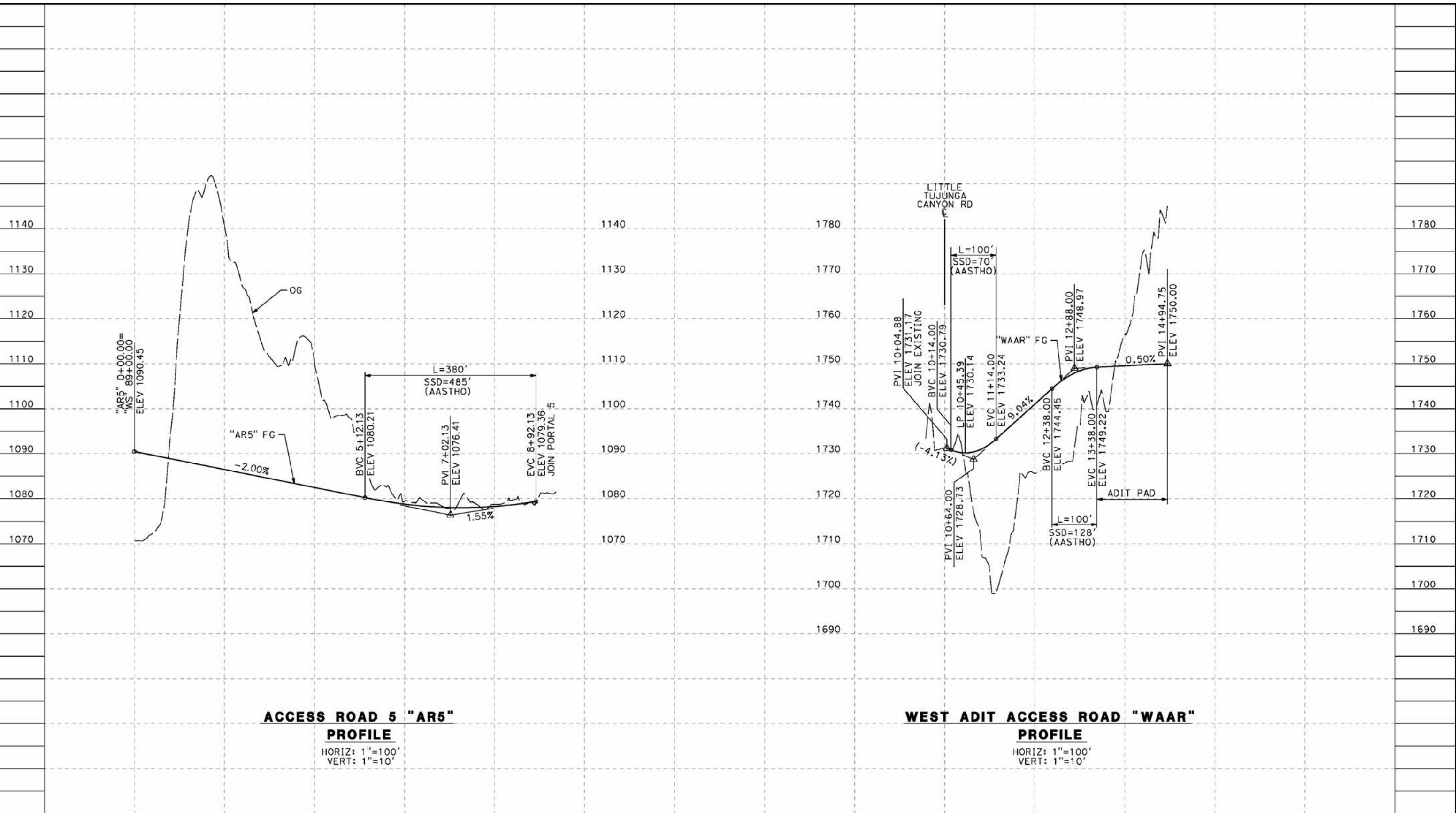
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E2"
 ACCESS ROAD PROFILE
 ACCESS ROAD 4

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-Y1002-E2
 SCALE
AS SHOWN
 SHEET NO.

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cordo



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
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"
 ACCESS ROAD PROFILE
 ACCESS ROAD 5 AND WEST ADIT ACCESS ROAD

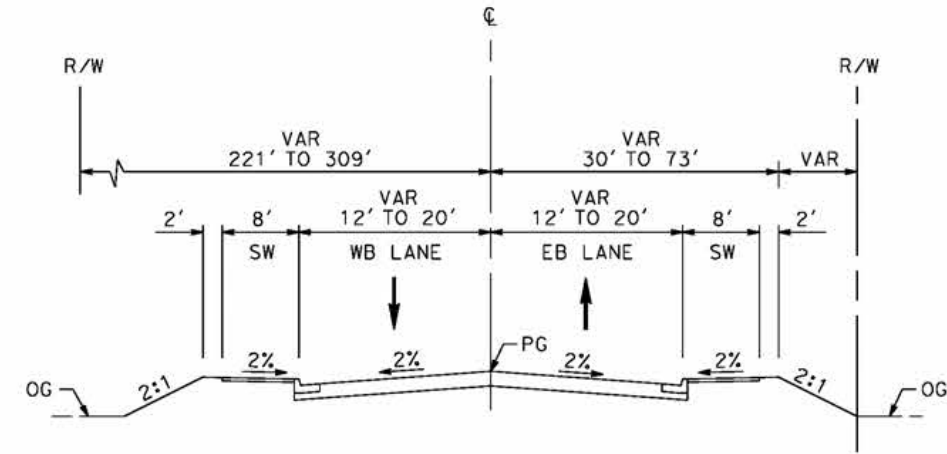
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HSR14-42
 DRAWING NO.
CV-Y1003-E2
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

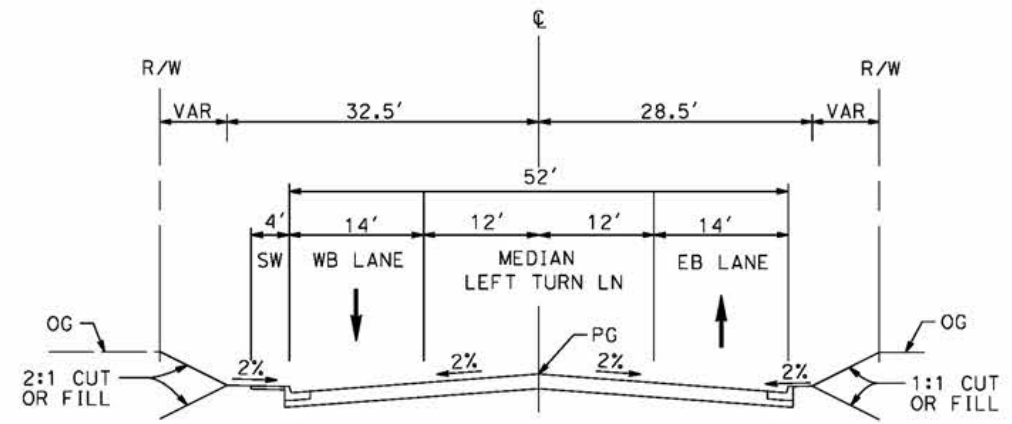
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cordo



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



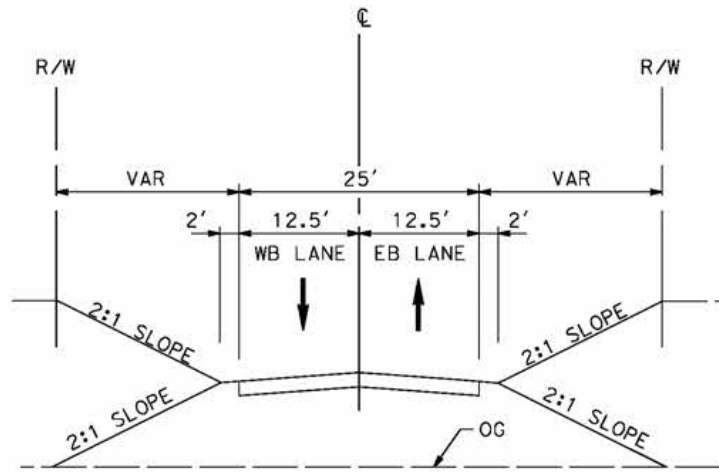
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TYPICAL SECTIONS
 VALLEY FORGE AND EAST AVE R11

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

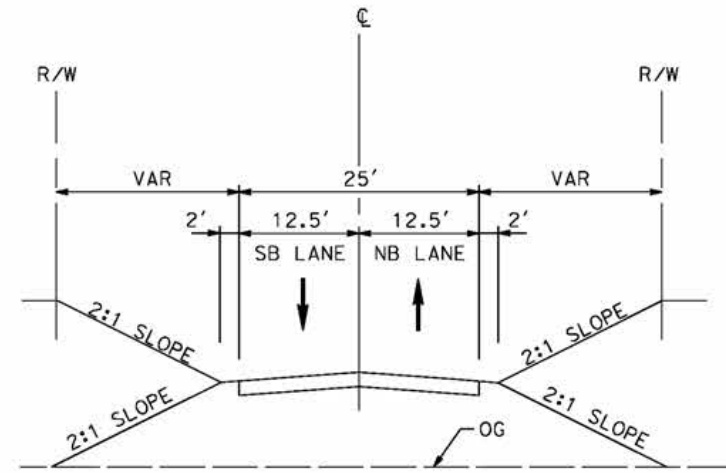
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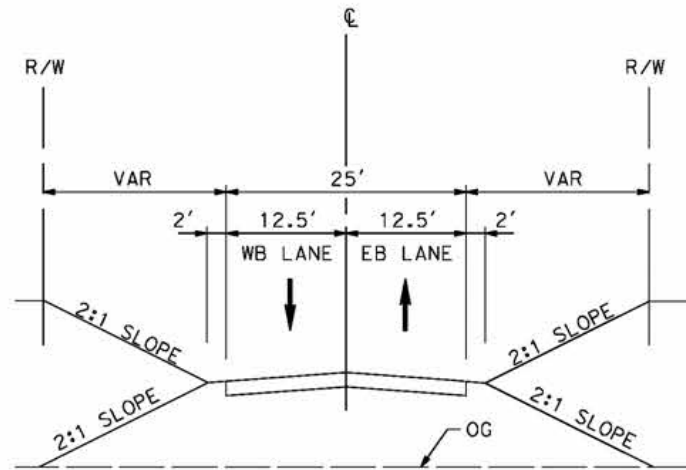
cordo



ACCESS ROAD 4
STA 8+00 TO STA 16+88



WEST ADIT ACCESS ROAD
STA 10+04.88 TO STA 14+94.75



ACCESS ROAD 5
STA 0+00 TO STA 8+92.13

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



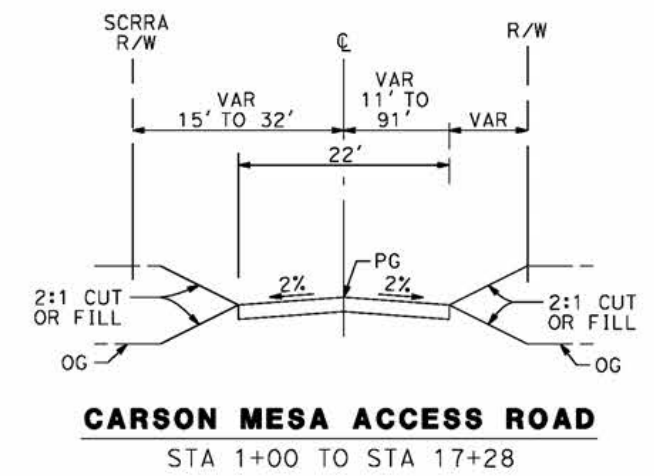
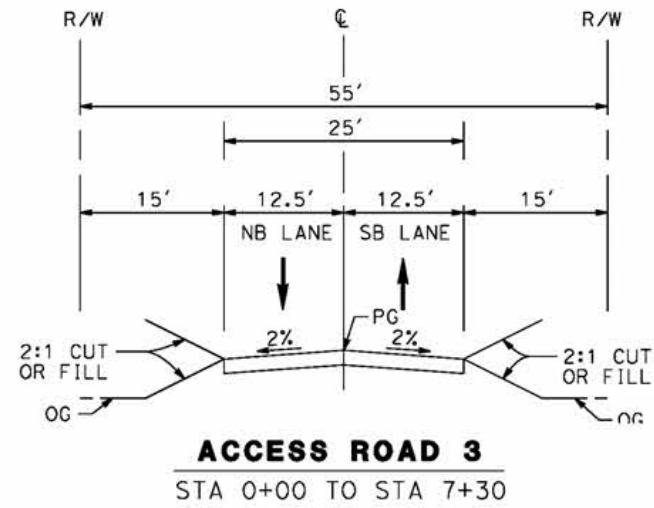
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
TYPICAL SECTIONS
ACCESS ROAD 4, ACCESS ROAD 5
AND WEST ADIT ACCESS ROAD

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

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5/12/2021 8:37:52 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"
TYPICAL SECTIONS
CARSON MESA ACCESS ROAD AND ACCESS ROAD 3

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