

California High-Speed Rail Authority

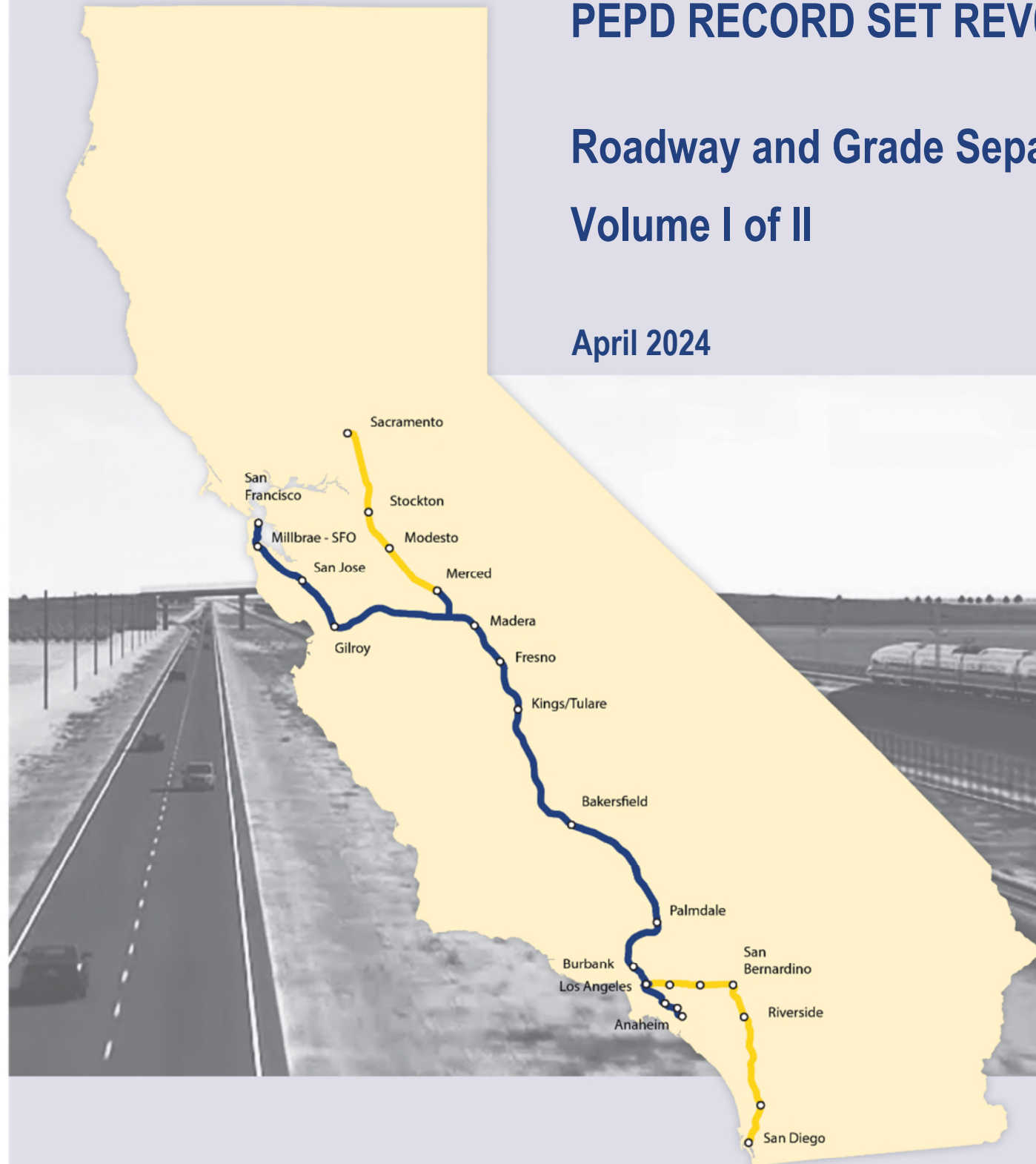
# Palmdale to Burbank Project Section

PEPD RECORD SET REV02

Roadway and Grade Separation Plans

Volume I of II

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.

## 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
	<b>KEY MAPS</b>
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
	<b>ROADWAY PLANS, PROFILES AND TYPICAL SECTIONS</b>
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
	<b>GRADE SEPARATION PLANS, PROFILES AND TYPICAL SECTIONS</b>
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
	<b>ACCESS ROAD PLANS, PROFILES AND TYPICAL SECTIONS</b>
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
CHECKED BY W. GUO
IN 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	VOLUME II OF II
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	

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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  
 C 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

**G**

GP GRADING PLANE  
 GR GUARD RAILING  
 GSP GALVANIZED STEEL PIPE  
 GTR GUTTER

**H**

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

**P CONTINUED**

PVMT PAVEMENT  
 PVP MAINTENANCE VEHICLE PULLOUT PAVEMENT  
 PVP MAINTENANCE VEHICLE PULLOUT

**Q**

QTY QUANTITY

**R**

R RADIUS  
 RD ROAD  
 REINF REINFORCED, REINFORCEMENT, REINFORCING  
 RELOCATE 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  
 SCRRRA 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

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**J.C. ALAMILLA**

DRAWN BY  
**A. SANZ**

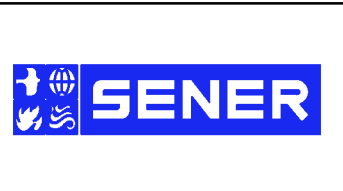
CHECKED BY  
**W. GUO**

IN CHARGE  
**A. RELANO**

DATE  
**04/30/2021**

**PEPD RECORD SET**  
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14/E1/E2"  
 ROADWAYS AND GRADE SEPARATIONS  
 ABBREVIATIONS

CONTRACT NO.  
**HSR14-42**

DRAWING NO.  
**CV-B0004**

SCALE  
**NO SCALE**

SHEET NO.

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

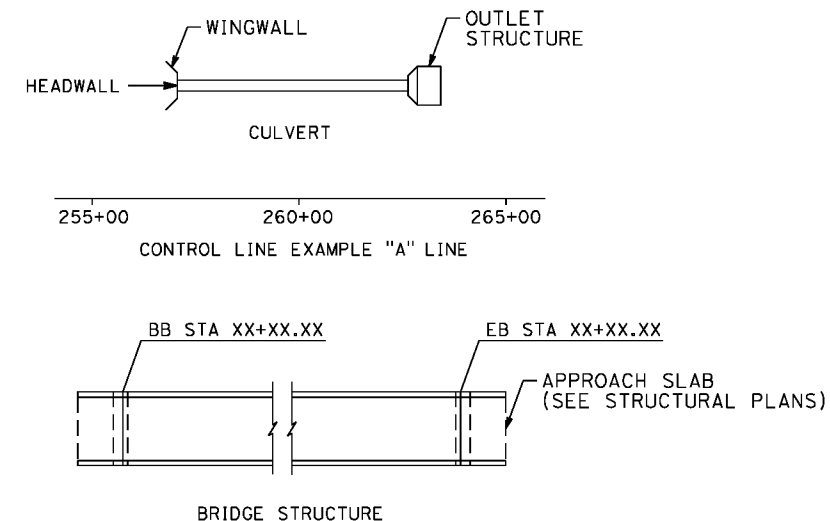
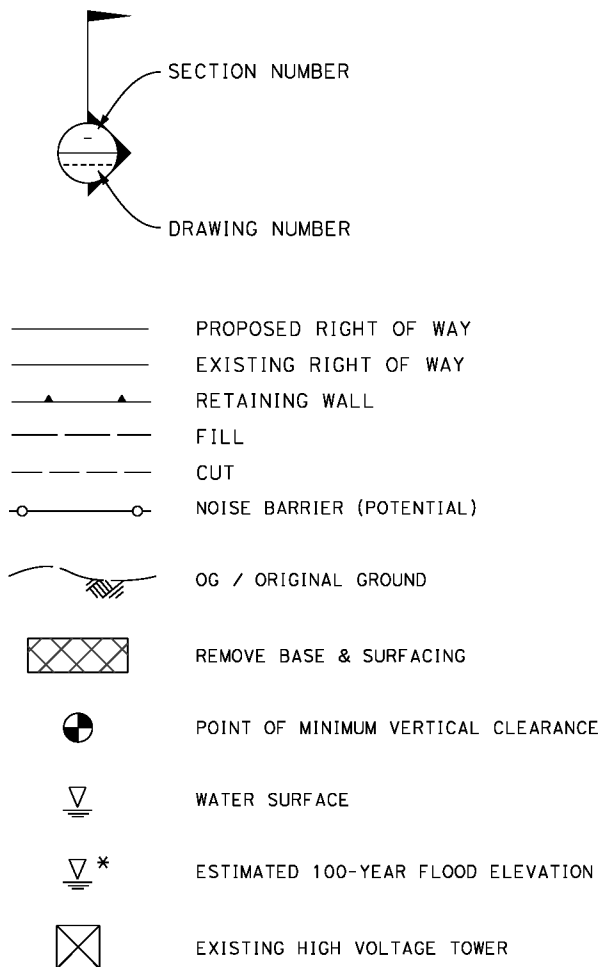


Table of abbreviations and their meanings: SYM SYMMETRICAL, T TANGENT, TAN TANGENT, TBB THRIE BEAM BARRIER, TC TOP OF CURB, TCE TEMPORARY CONSTRUCTION ENTRANCE, TEL TELEPHONE, TEMP TEMPORARY, TG TOP OF GRADE, TM TECHNICAL MEMORANDUM, TOT TOTAL, TP TELEPHONE POLE, TPB TREATED PERMEABLE BASE, TPM TREATED 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

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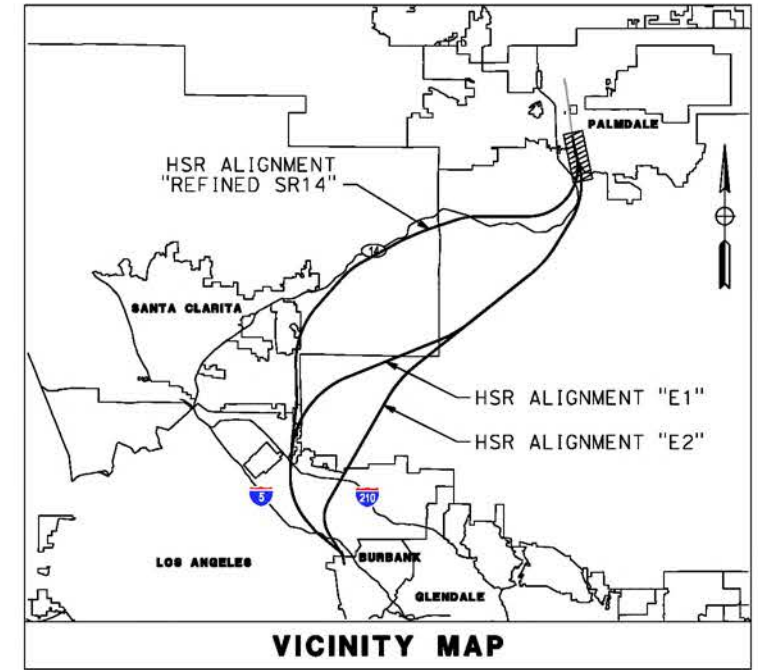
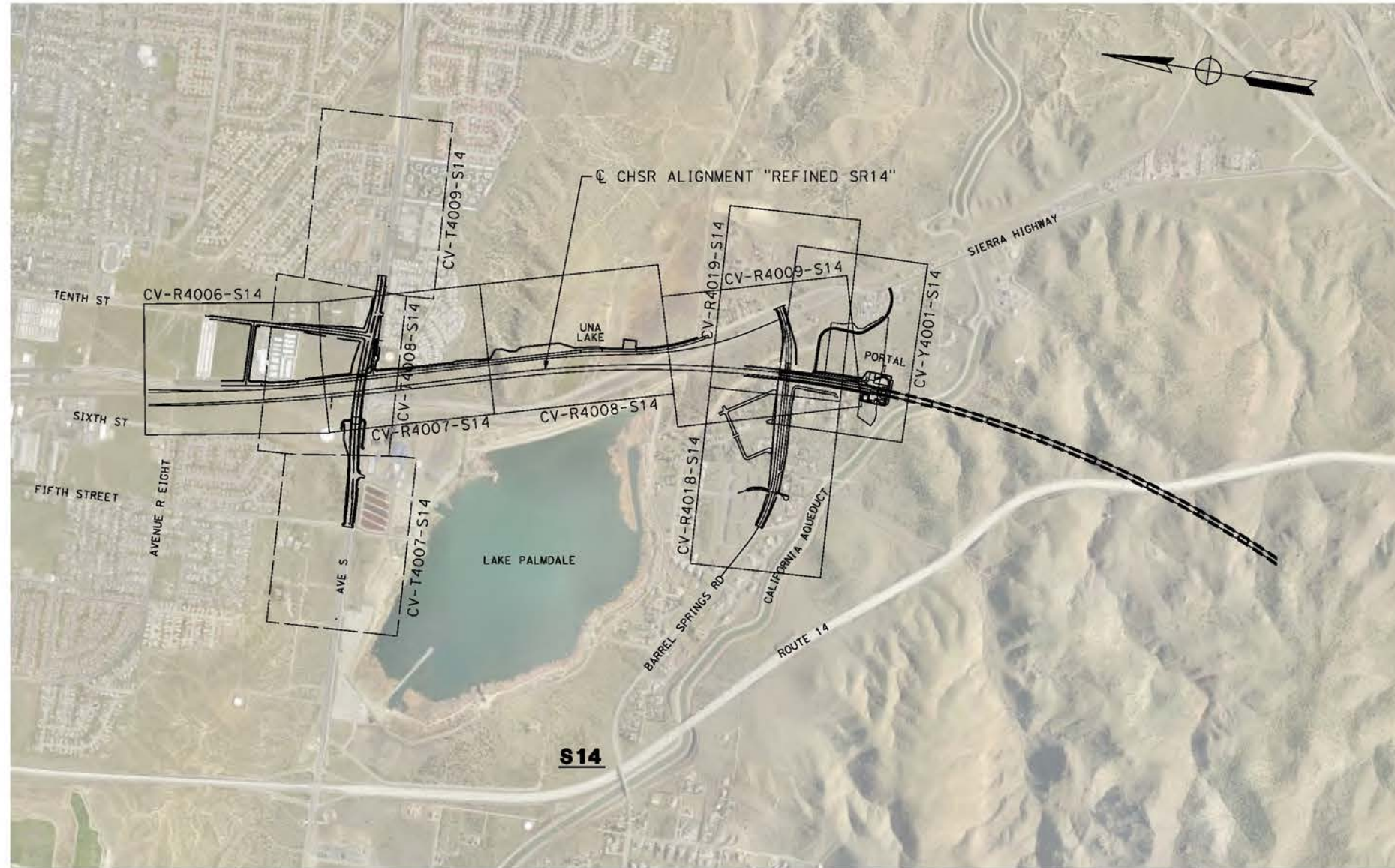
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14/E1/E2"
ROADWAYS AND GRADE SEPARATIONS
ABBREVIATIONS AND LEGEND

CONTRACT NO. HSR14-42
DRAWING NO. CV-B0005
SCALE NO SCALE
SHEET NO.



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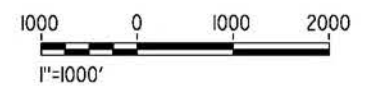
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**LEGEND:**

-  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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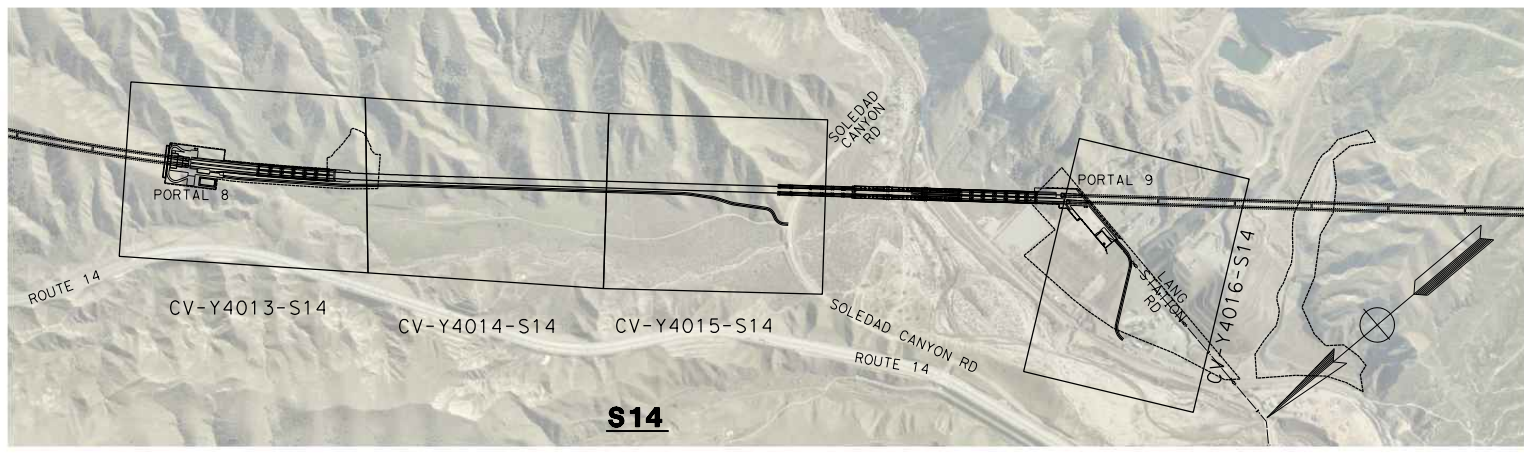
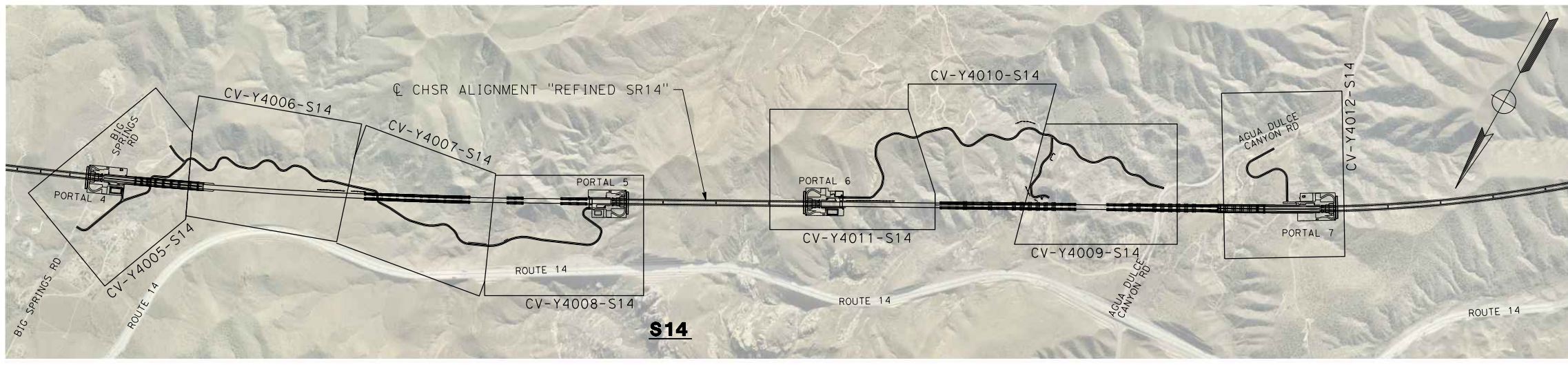
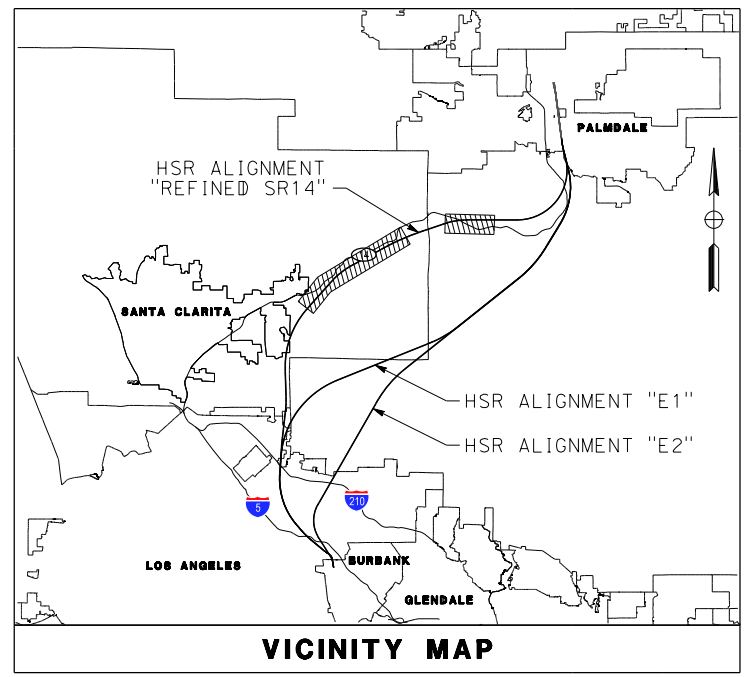
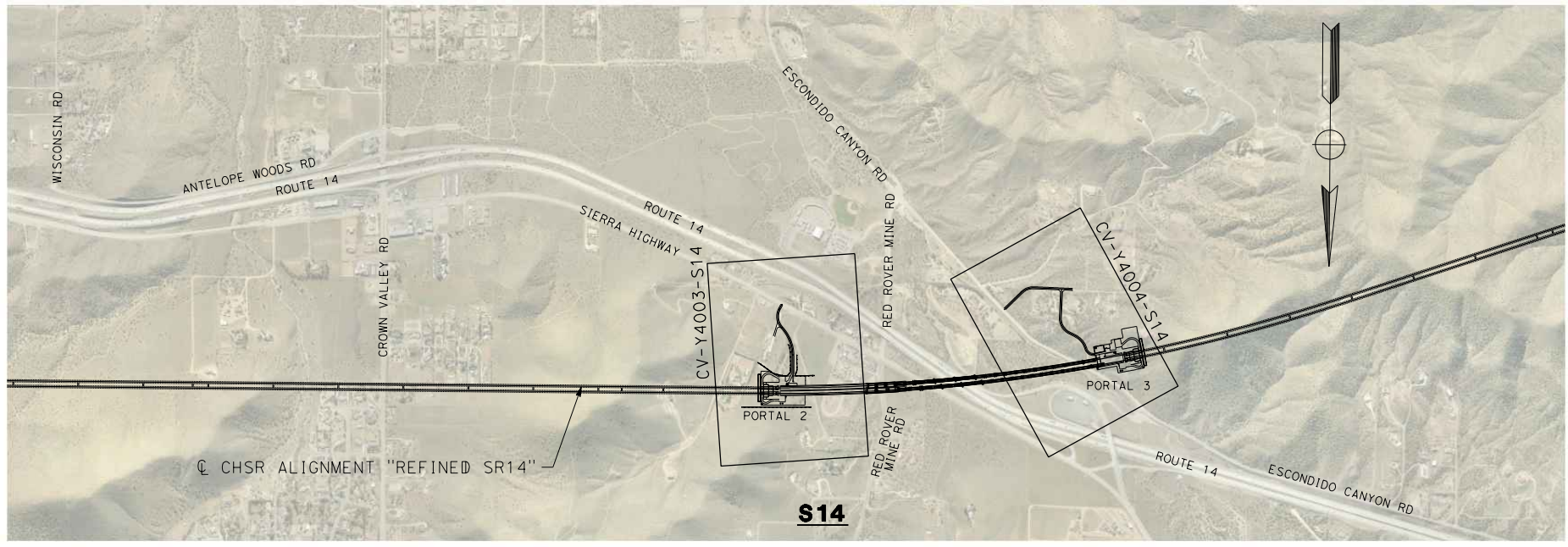
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PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY AND GRADE SEPARATION PLAN  
KEY MAP  
SHEET 1 OF 4

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

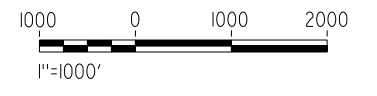
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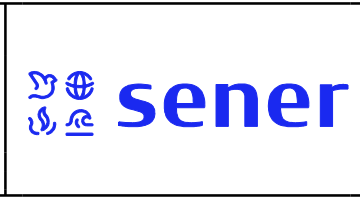
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 ROADWAY PLAN AND ACCESS ROAD PLAN



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

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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

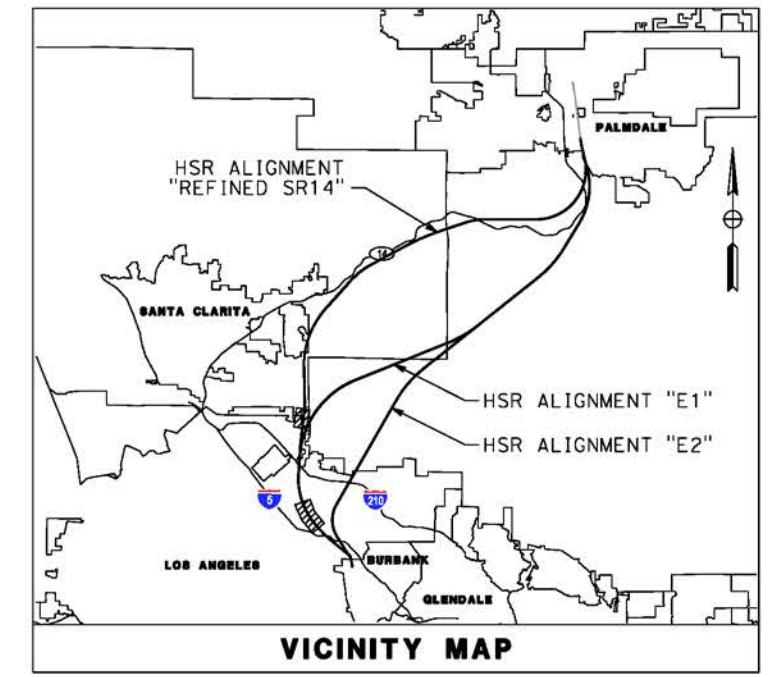
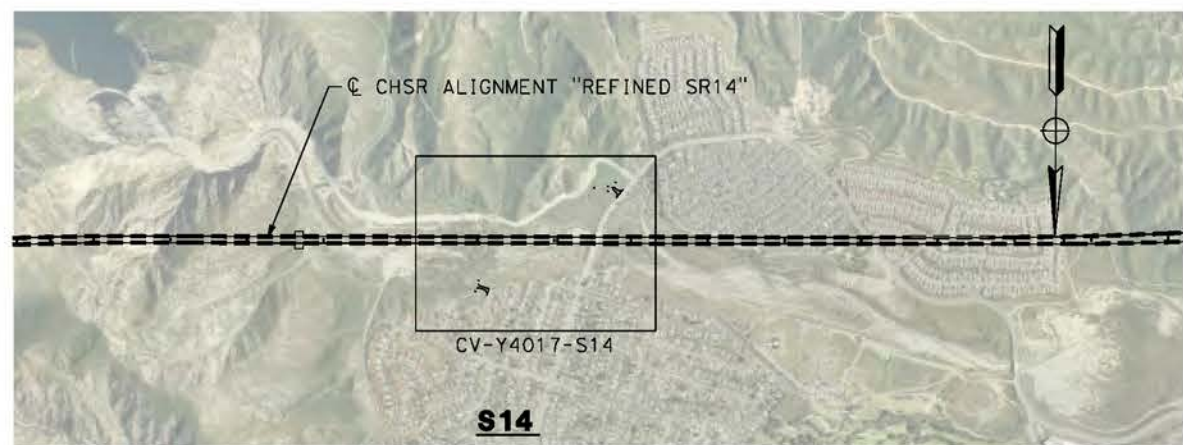
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 SHEET NO.

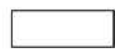



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**LEGEND:**  
 ROADWAY PLAN AND ACCESS ROAD PLAN  
 GRADE SEPARATION PLAN



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

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

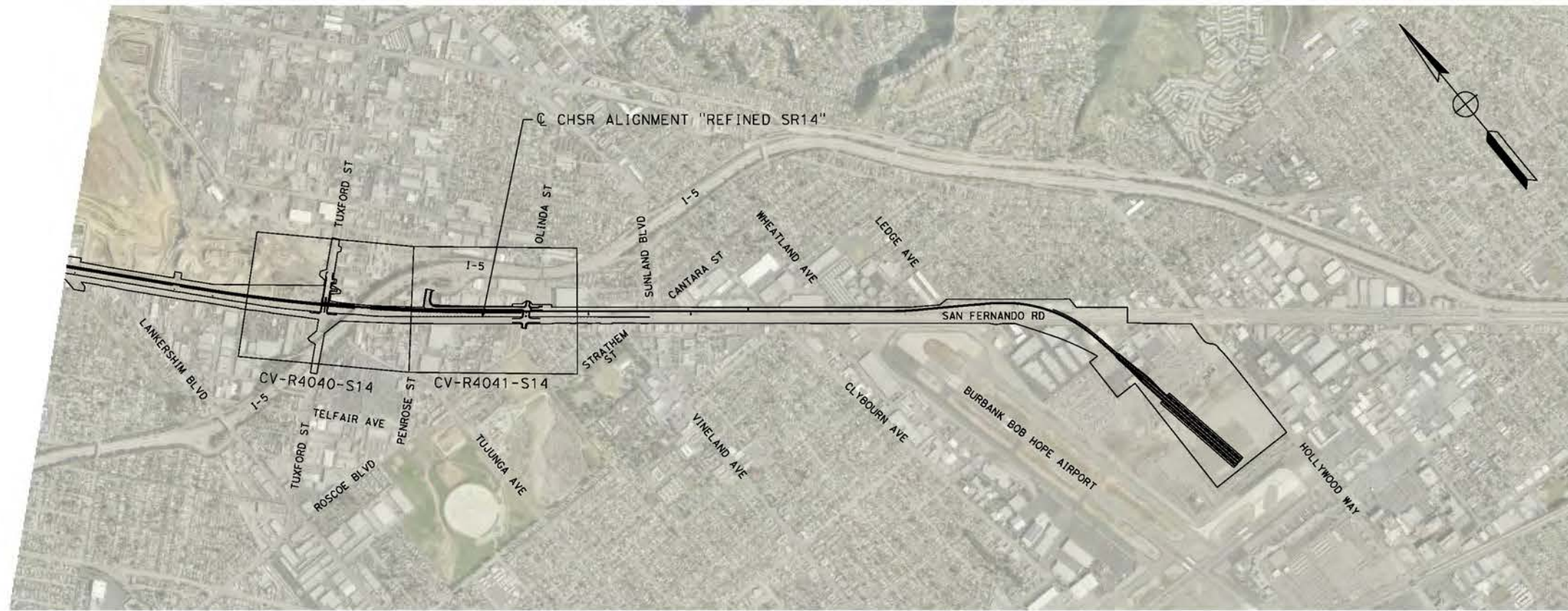
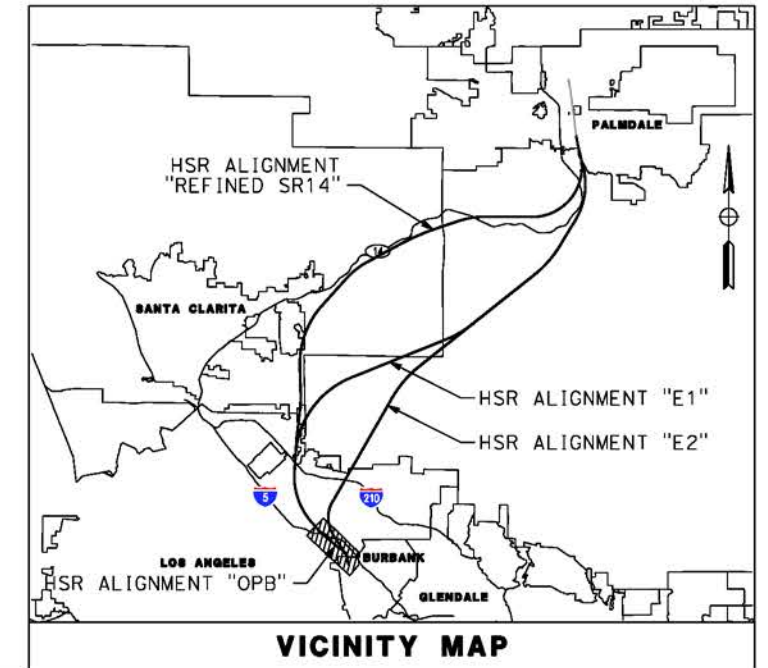
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ROADWAY AND GRADE SEPARATION PLAN  
KEY MAP  
SHEET 3 OF 4

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SCALE AS SHOWN
SHEET NO.

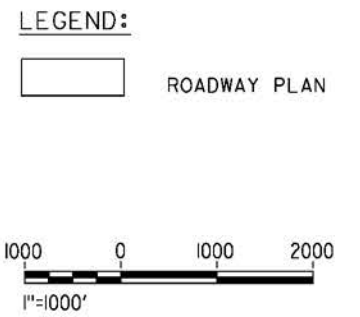
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**S14**



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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 4 OF 4

CONTRACT NO.  
HSR14-42

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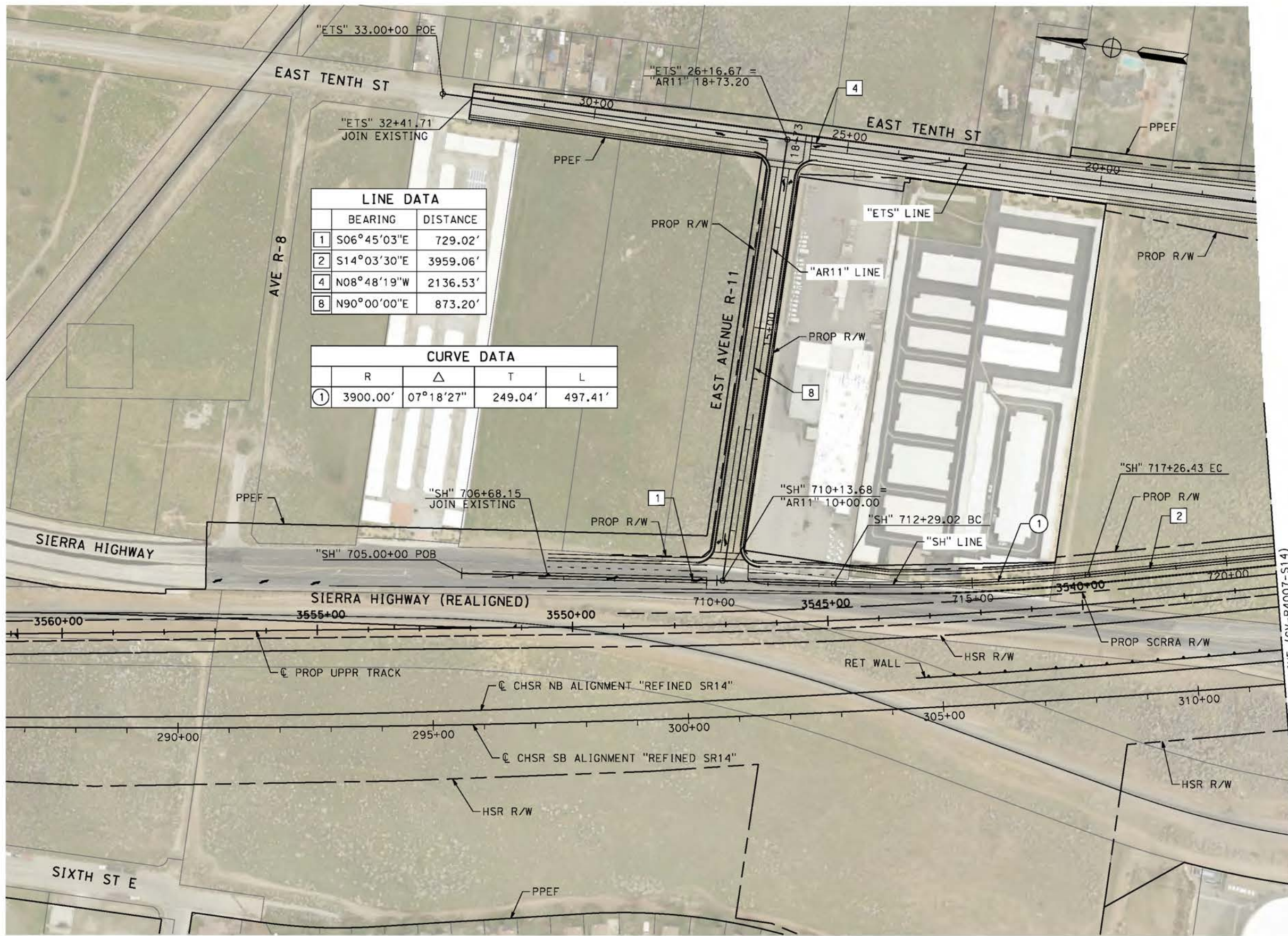
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SHEET NO.

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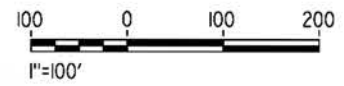
5/2/2021 1:26:44 PM

cordo



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**



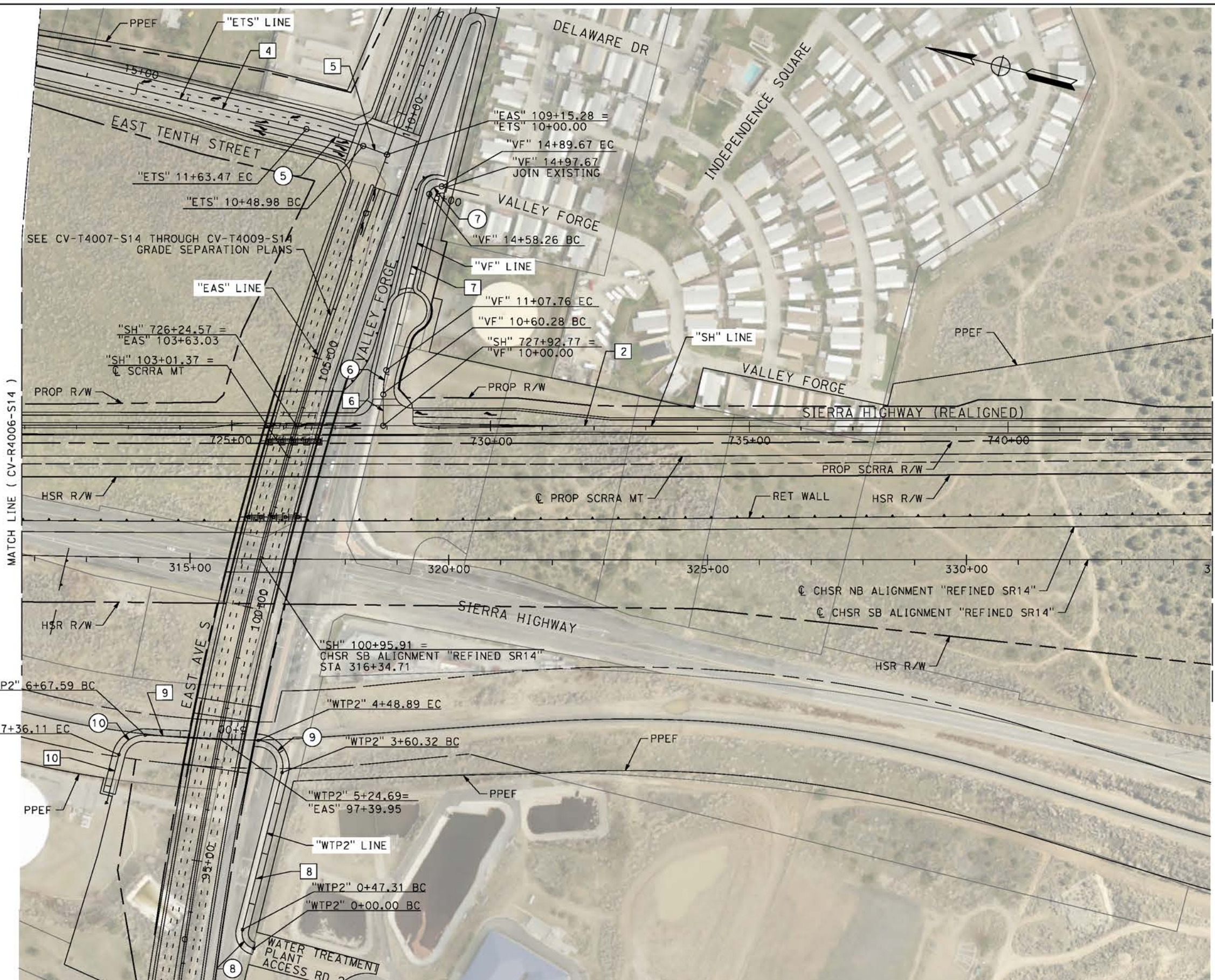
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY PLAN  
SIERRA HIGHWAY  
SHEET 1 OF 4

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

ct:\pwork\kingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dal\cordoba\dms24258VPB-CV-R4007-S14.dgn

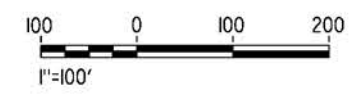
5/26/2021 5:37:54 PM

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.

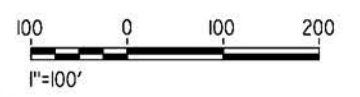
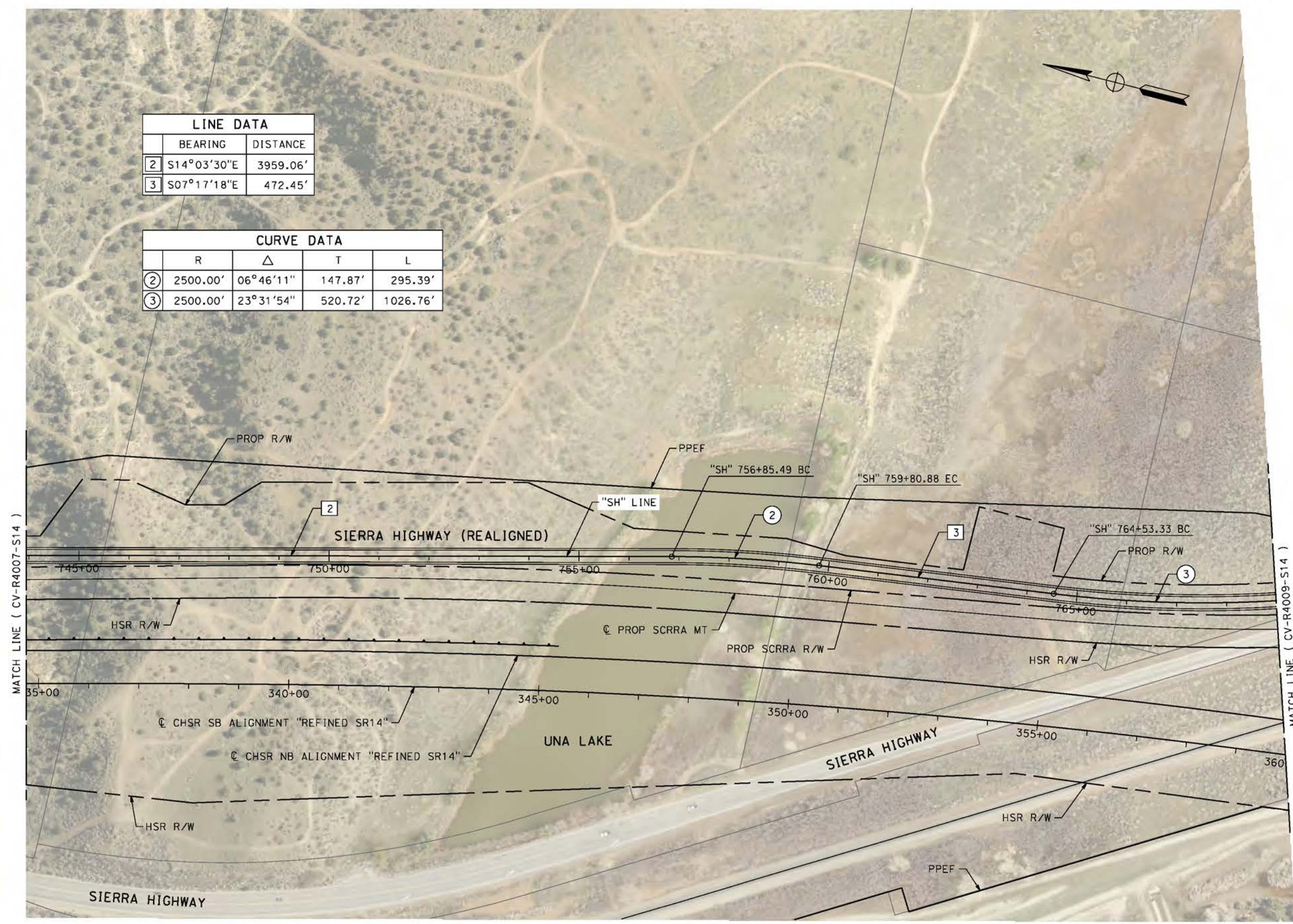
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4/30/2021 7:31:31 PM

cordo

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

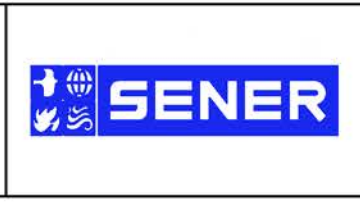
CURVE DATA				
	R	Δ	T	L
2	2500.00'	06°46'11"	147.87'	295.39'
3	2500.00'	23°31'54"	520.72'	1026.76'



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**



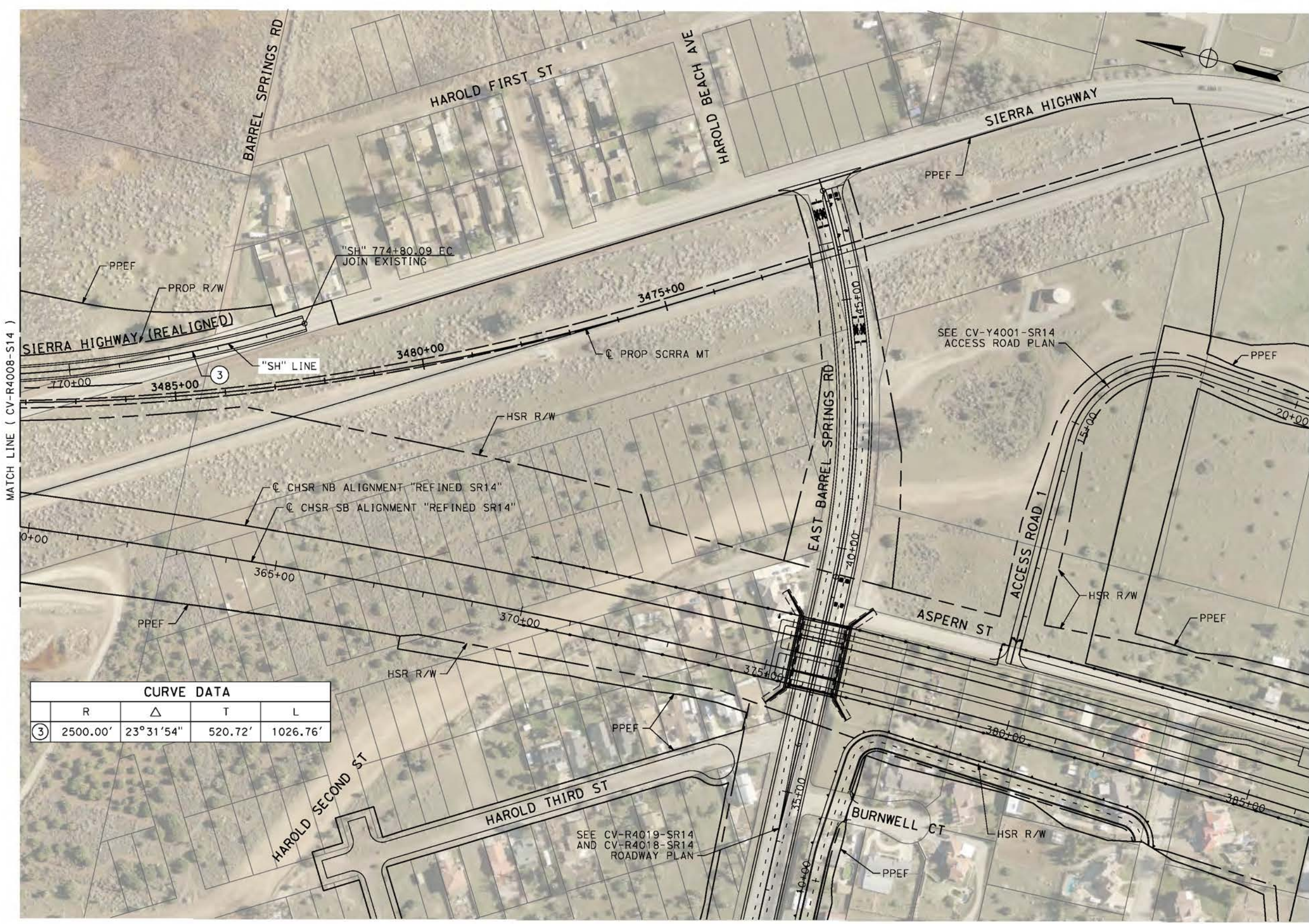
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY PLAN  
SIERRA HIGHWAY  
SHEET 3 OF 4

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

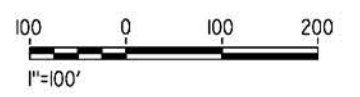
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5/2/2021 1:11:59 PM

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

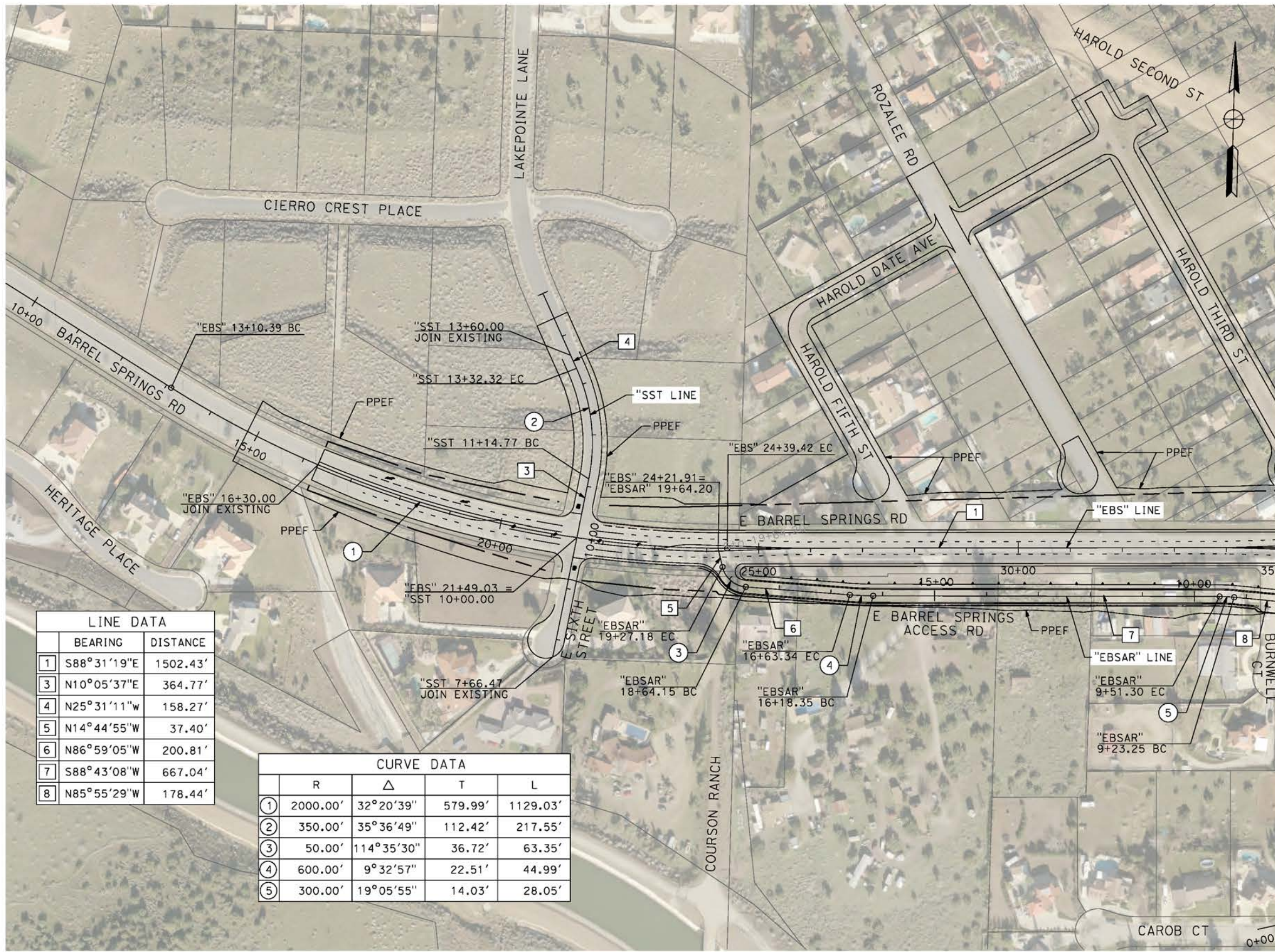
SCALE  
AS SHOWN

SHEET NO.

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dal\cordoba\dms24258VPB-CV-R4018-S14.dgn

5/26/2021 7:21:38 PM

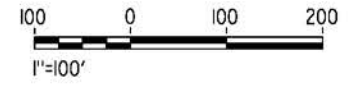
cordo



MATCH LINE ( CV-R4019-S14 )

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**



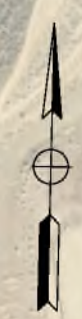
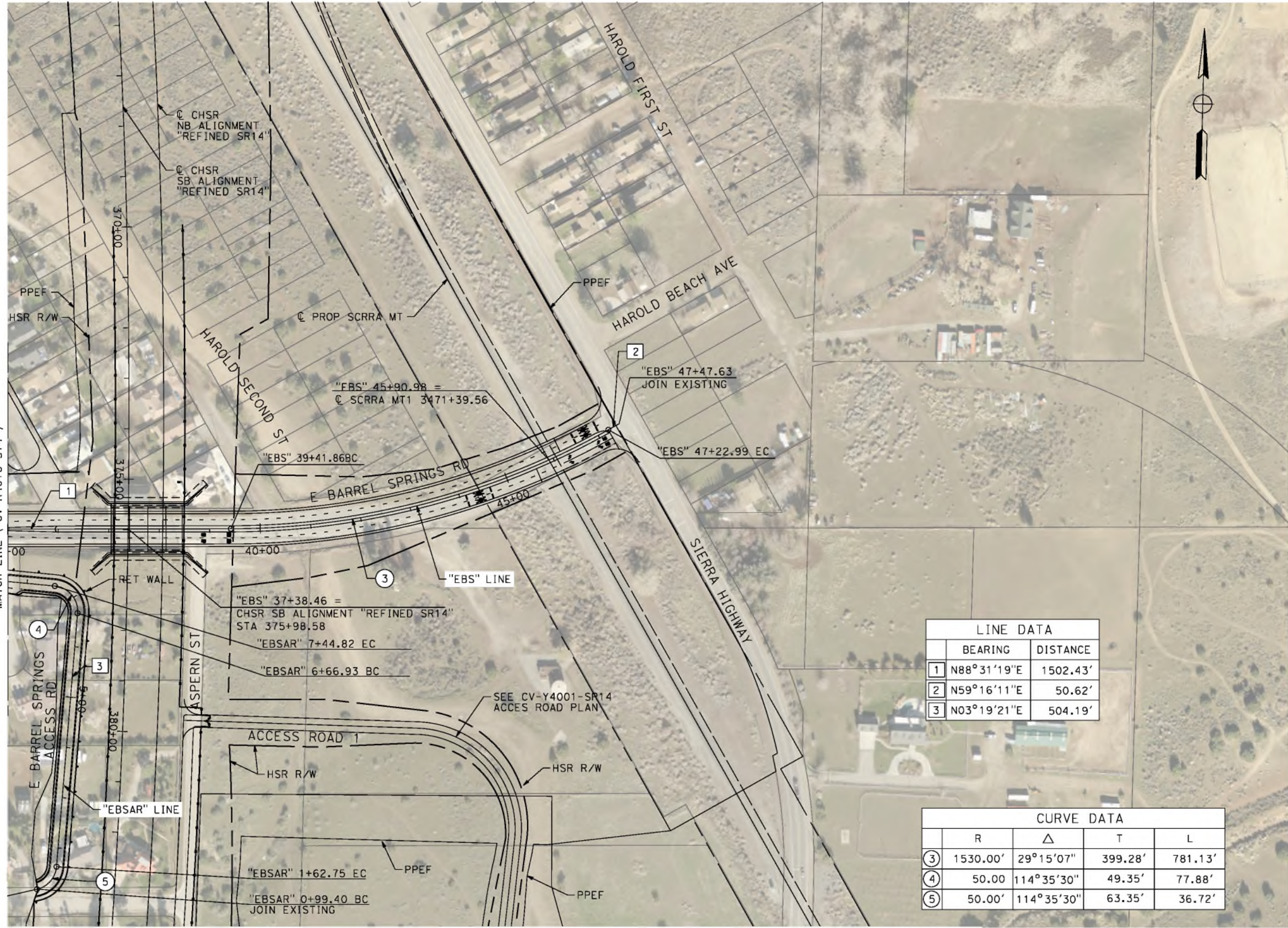
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY PLAN  
E BARREL SPRINGS RD, E BARREL SPRING ACCESS RD  
AND EAST SIXTH STREET

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

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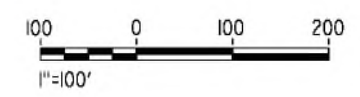
5/26/2021 8:46:10 PM

corcdo



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.



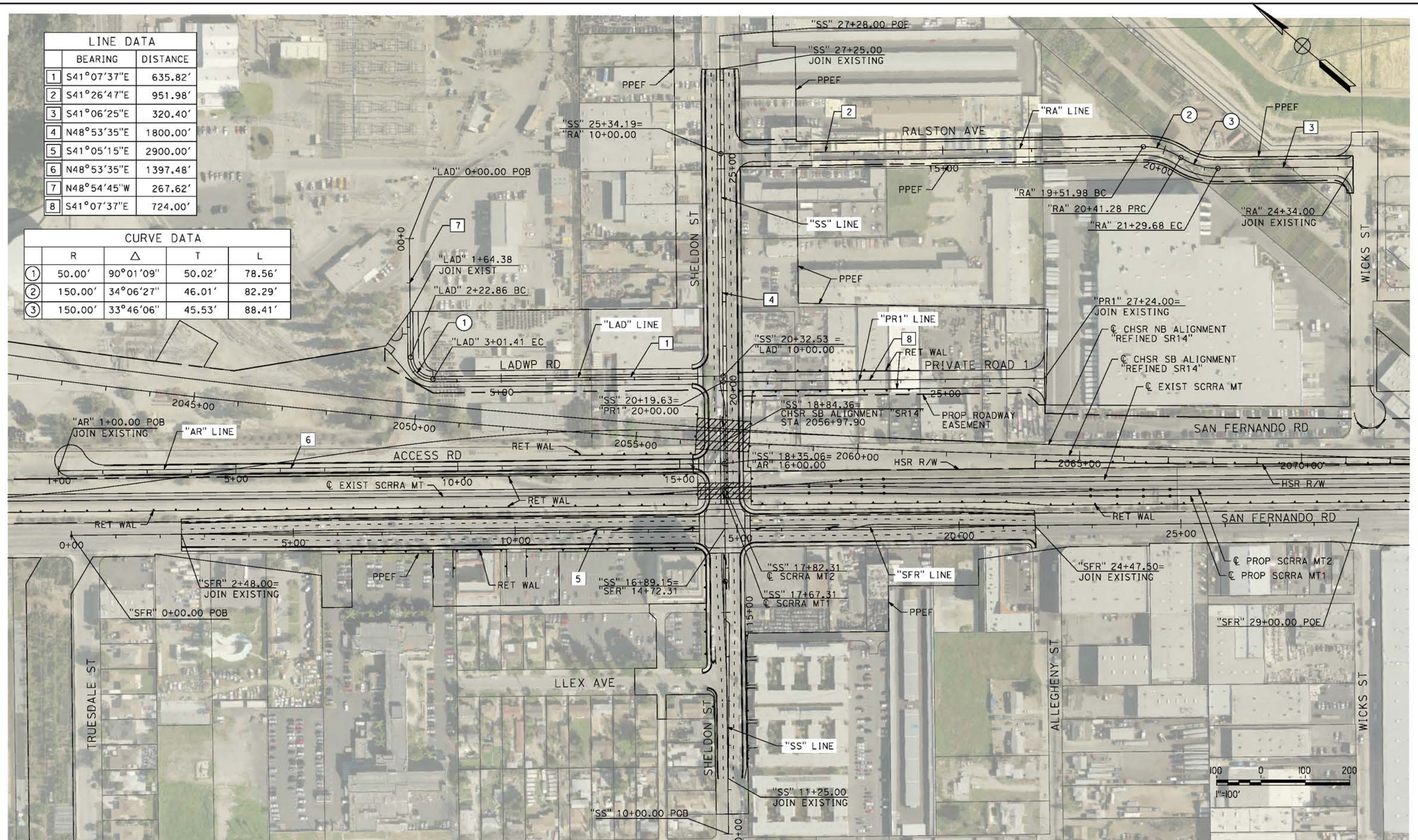
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5/26/2021 8:03:52 PM

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**



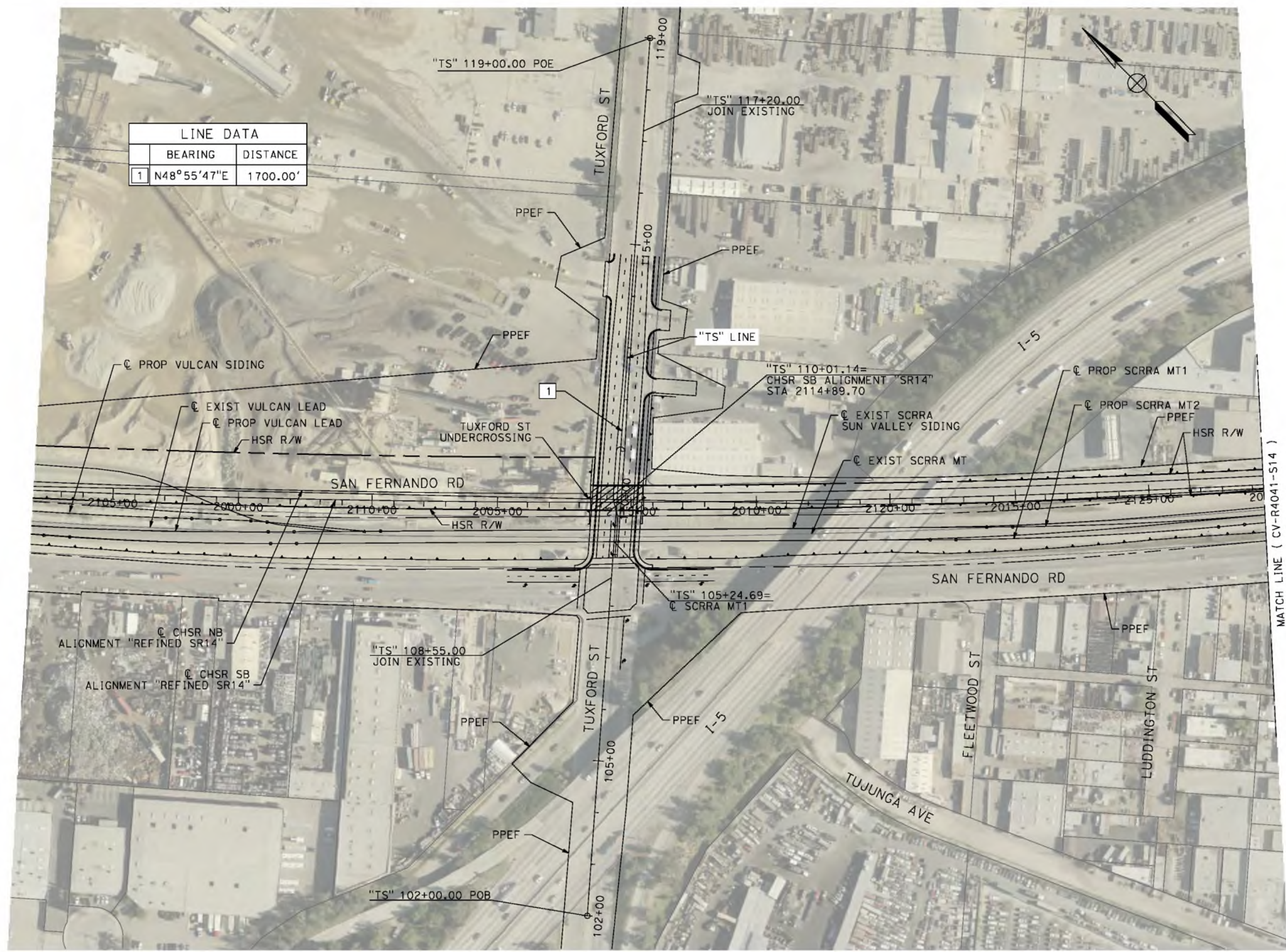
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
LADWP RD AND ACCESS RD  
ROADWAY PLAN  
SHELDON ST, PRIVATE RD 1, RALSTON AVE

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



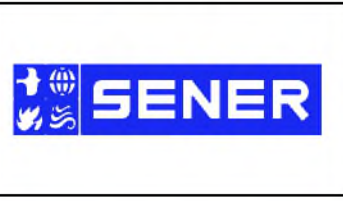
LINE DATA		
	BEARING	DISTANCE
1	N48°55'47"E	1700.00'



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.

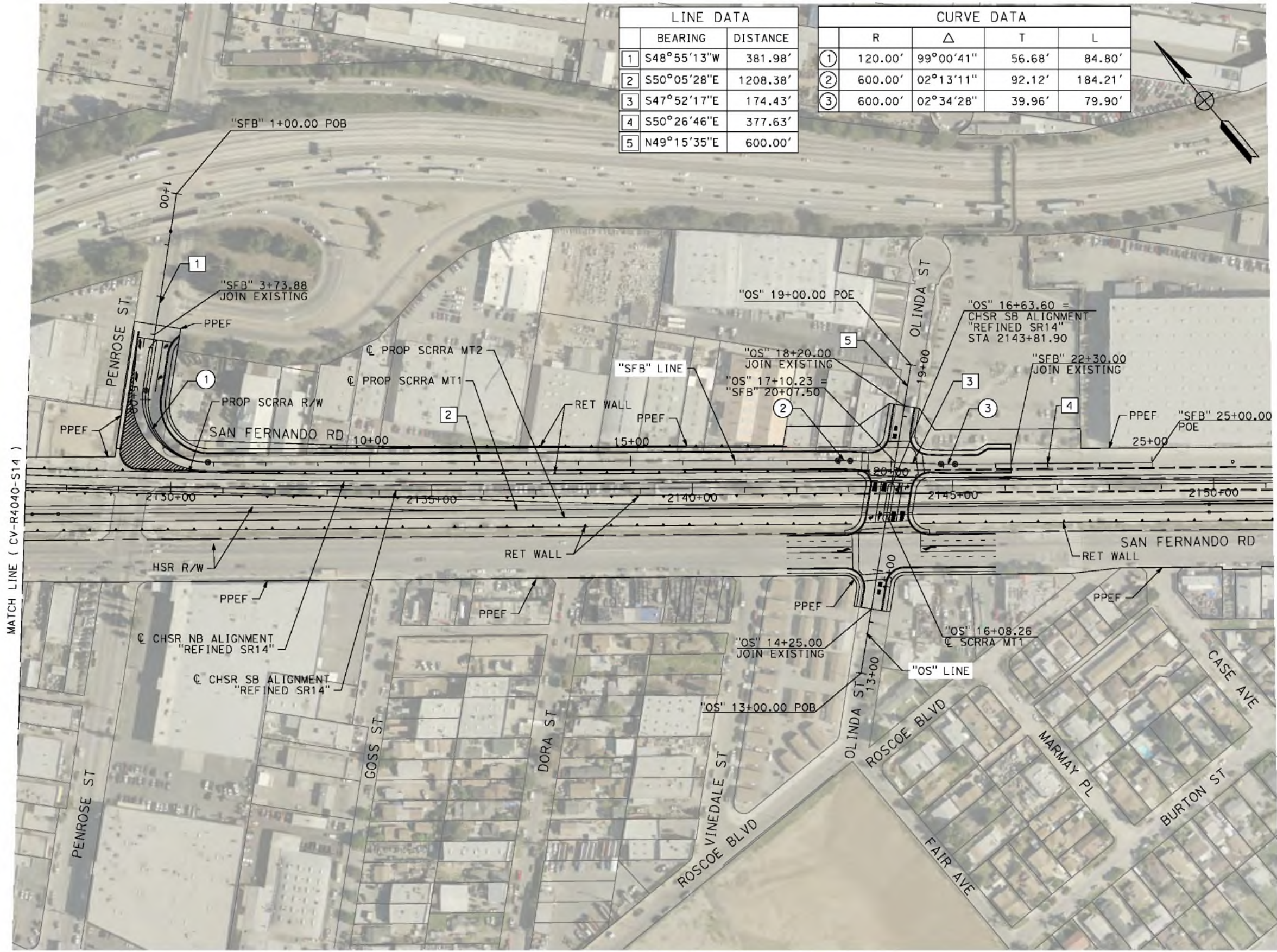
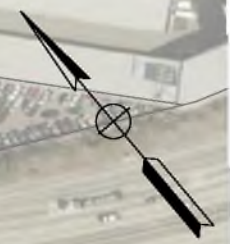
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5/12/2021 5:09:30 PM

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

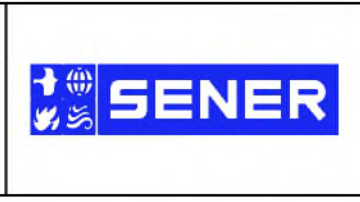
CURVE DATA				
	R	Δ	T	L
①	120.00'	99°00'41"	56.68'	84.80'
②	600.00'	02°13'11"	92.12'	184.21'
③	600.00'	02°34'28"	39.96'	79.90'



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**



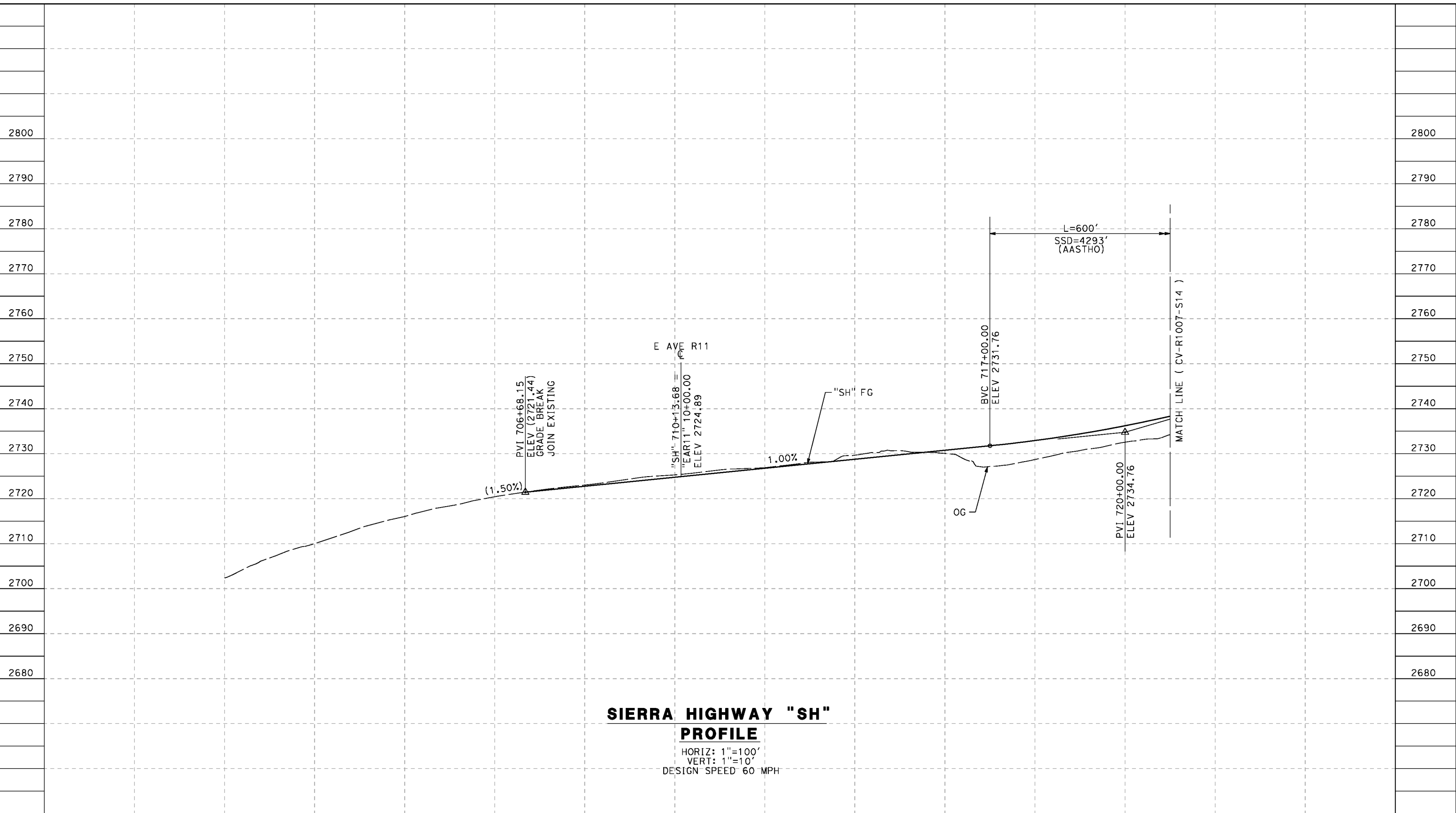
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY PLAN  
OLINDA ST AND SAN FERNANDO RD

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

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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

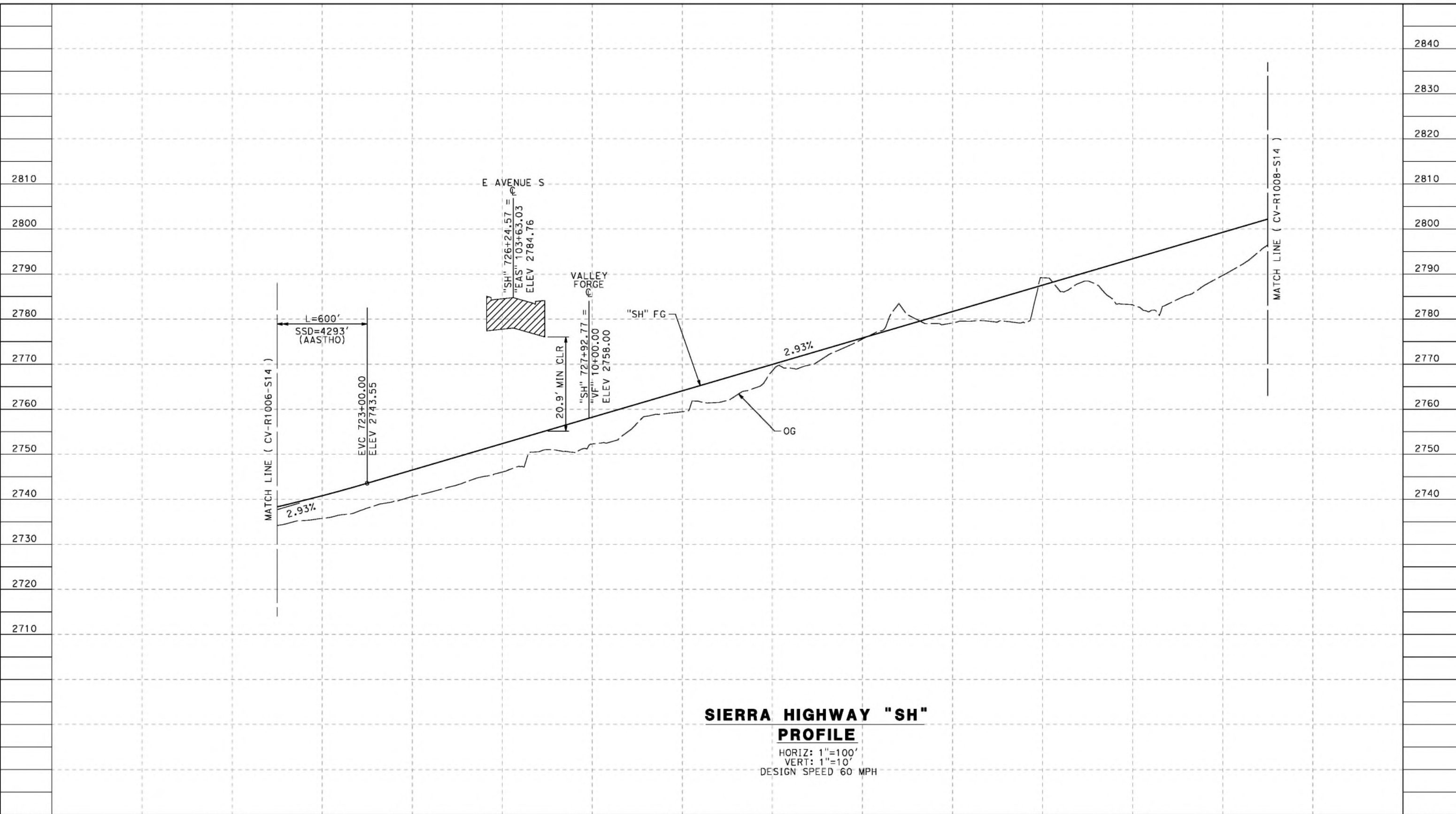
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-R1006-S14  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/23/2021 6:27:08 PM

cordo



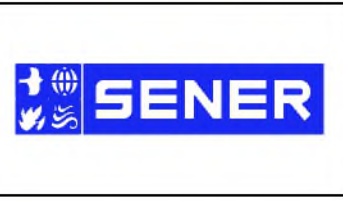
**SIERRA HIGHWAY "SH"  
PROFILE**  
 HORIZ: 1"=100'  
 VERT: 1"=10'  
 DESIGN SPEED 60 MPH

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
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**

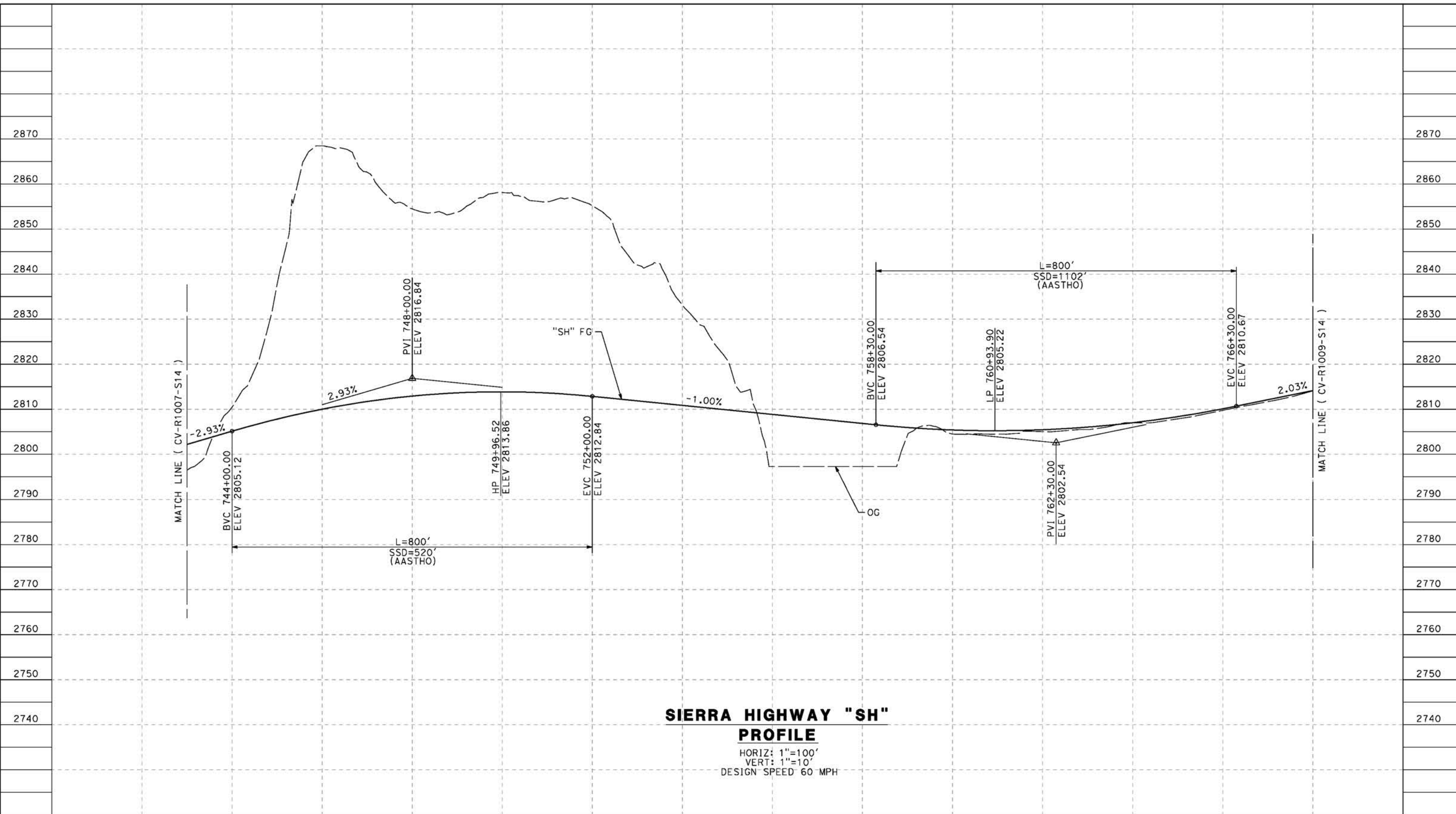


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY PROFILE  
 SIERRA HIGHWAY  
 SHEET 2 OF 4

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

5/23/2021 6:27:29 PM c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dal\cordoba\dms24258VPB-CV-R1008-S14.dgn

cordo



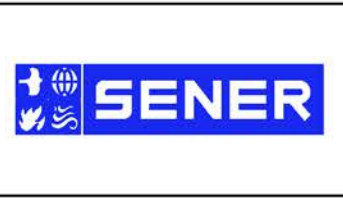
**SIERRA HIGHWAY "SH"**  
**PROFILE**  
 HORIZ: 1"=100'  
 VERT: 1"=10'  
 DESIGN SPEED 60 MPH

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**



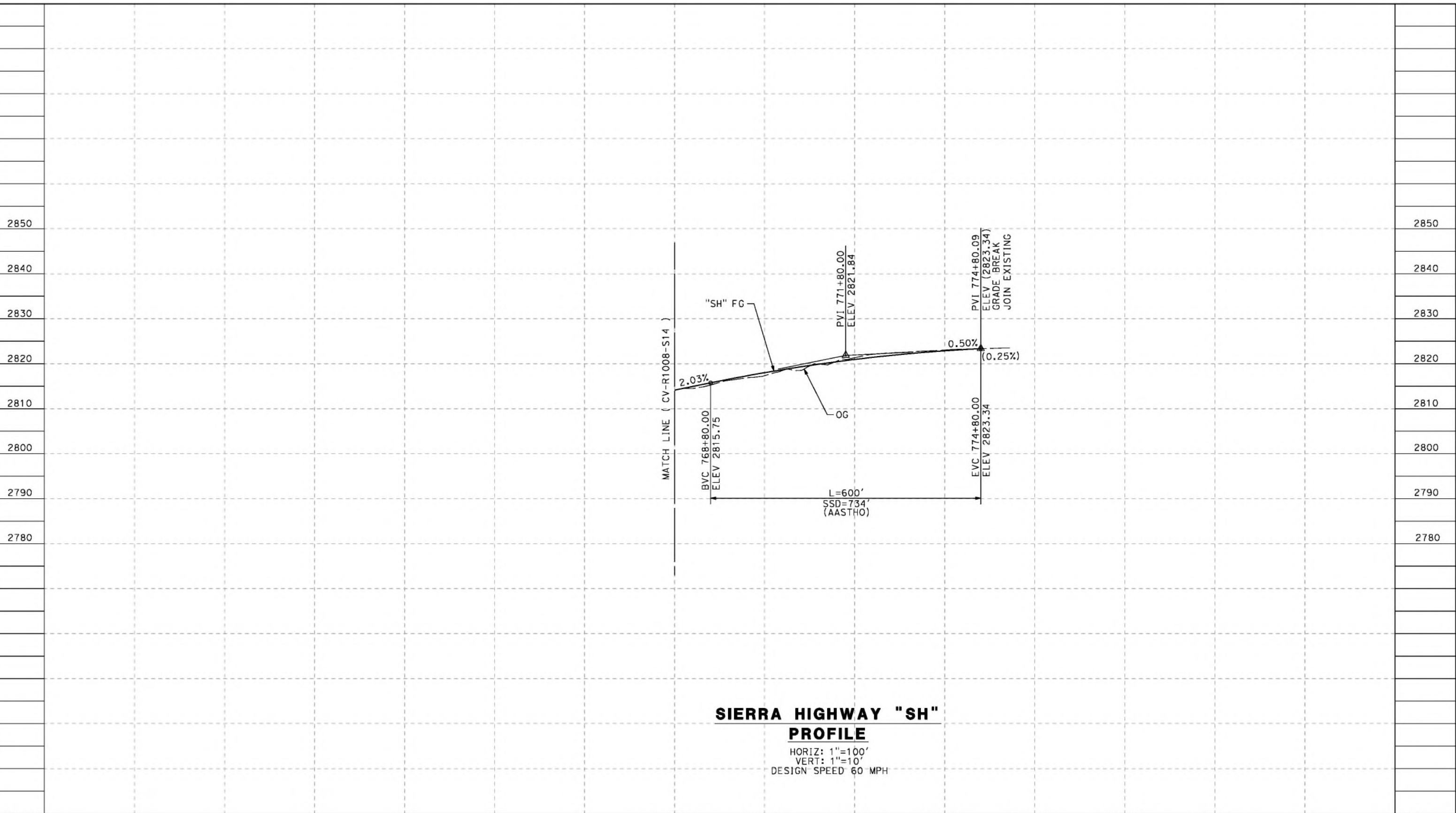
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY PROFILE  
 SIERRA HIGHWAY  
 SHEET 3 OF 4

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

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\da\ta.cordoba\dms24258VPB-CV-R1009-S14.dgn

5/23/2021 6:27:46 PM

cordo



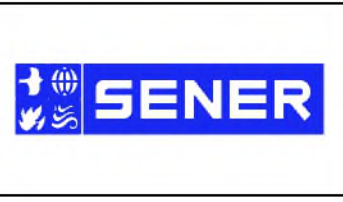
**SIERRA HIGHWAY "SH"  
PROFILE**  
 HORIZ: 1"=100'  
 VERT: 1"=10'  
 DESIGN SPEED 60 MPH

STATION	768+00	770+00	772+00	774+00	776+00	778+00	780+00	TOTAL
Exc								
Emb								

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



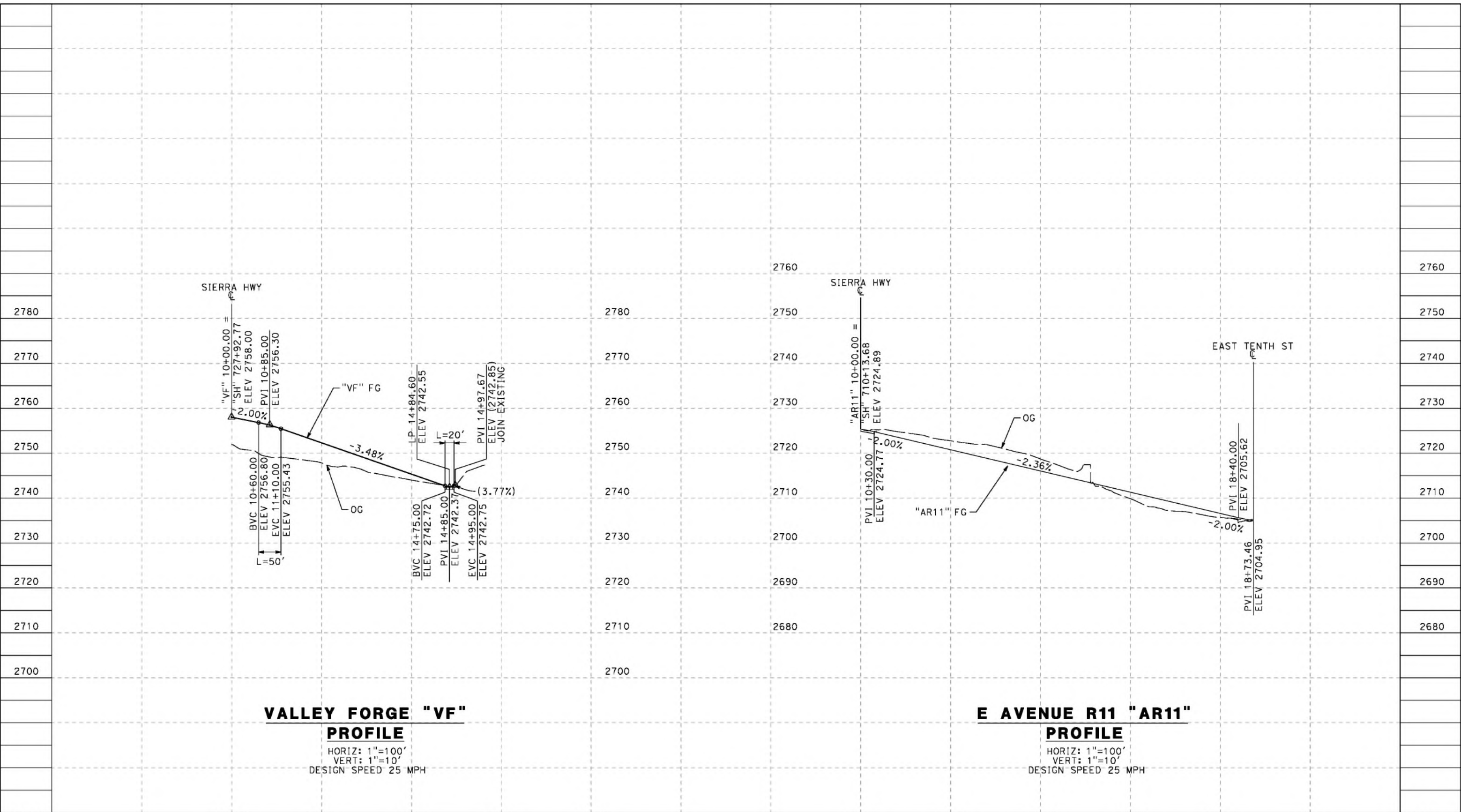
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY PROFILE  
 SIERRA HIGHWAY  
 SHEET 4 OF 4

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

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5/23/2021 6:28:00 PM

cordo



**VALLEY FORGE "VF" PROFILE**

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

**E AVENUE R11 "AR11" PROFILE**

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

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.

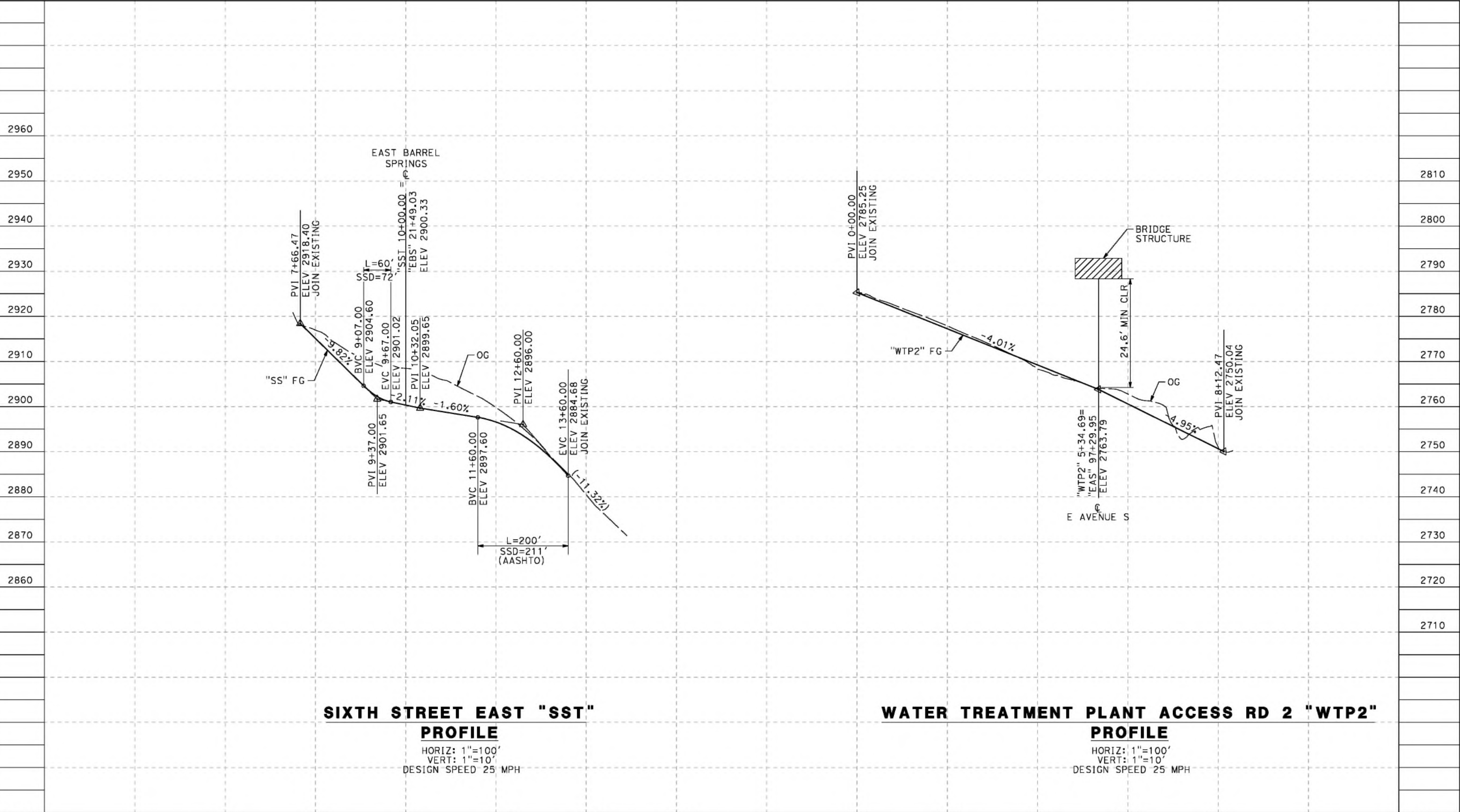
REV	DATE	BY	CHK	APP	DESCRIPTION



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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
Exc												
Emb												

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

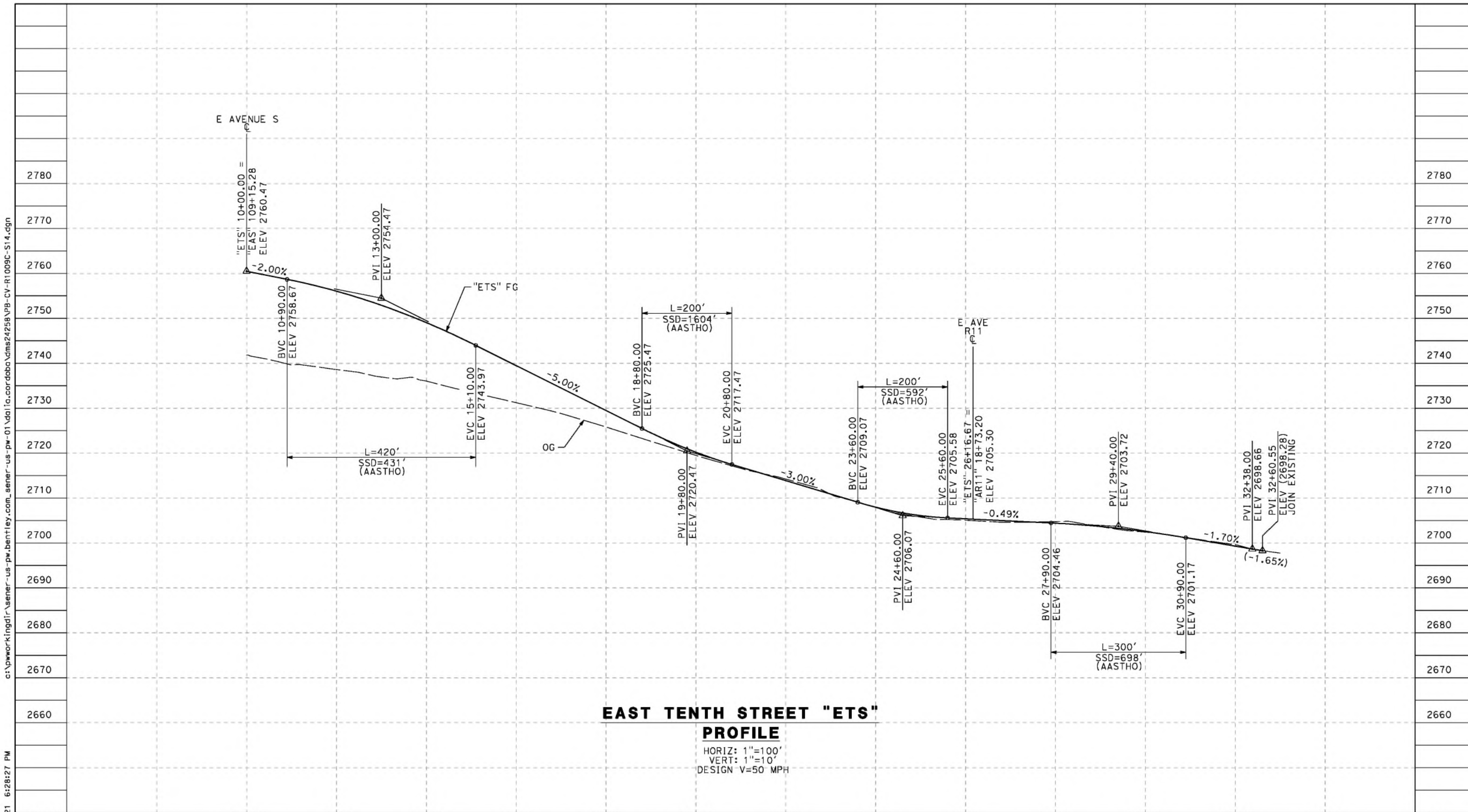
**PEPD RECORD SET  
REV 02  
NOT FOR  
CONSTRUCTION**



**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**

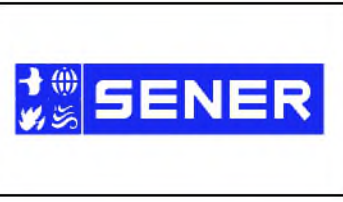
HORIZ: 1"=100'  
 VERT: 1"=10'  
 DESIGN V=50 MPH

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

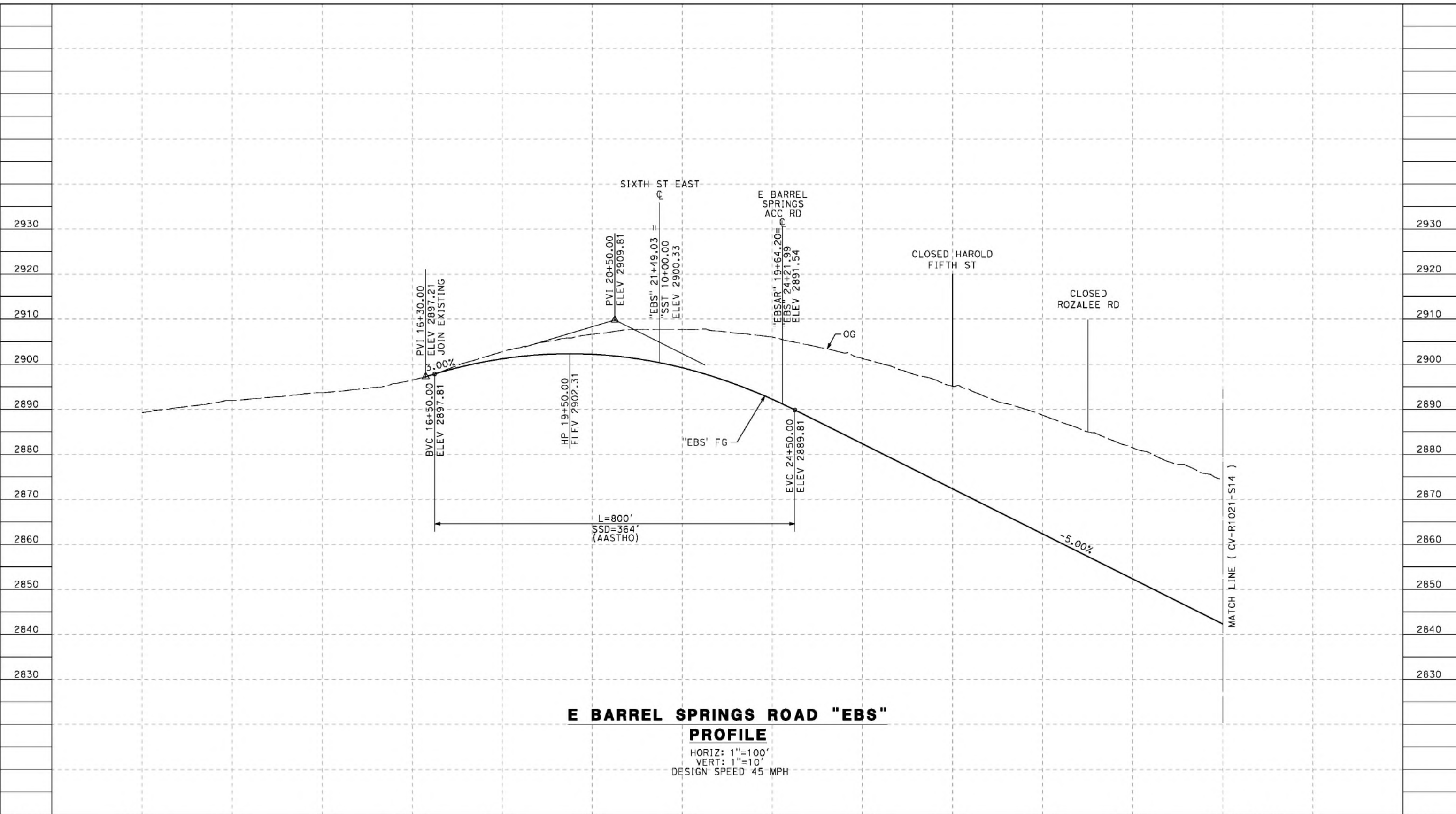
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-R1009C-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

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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

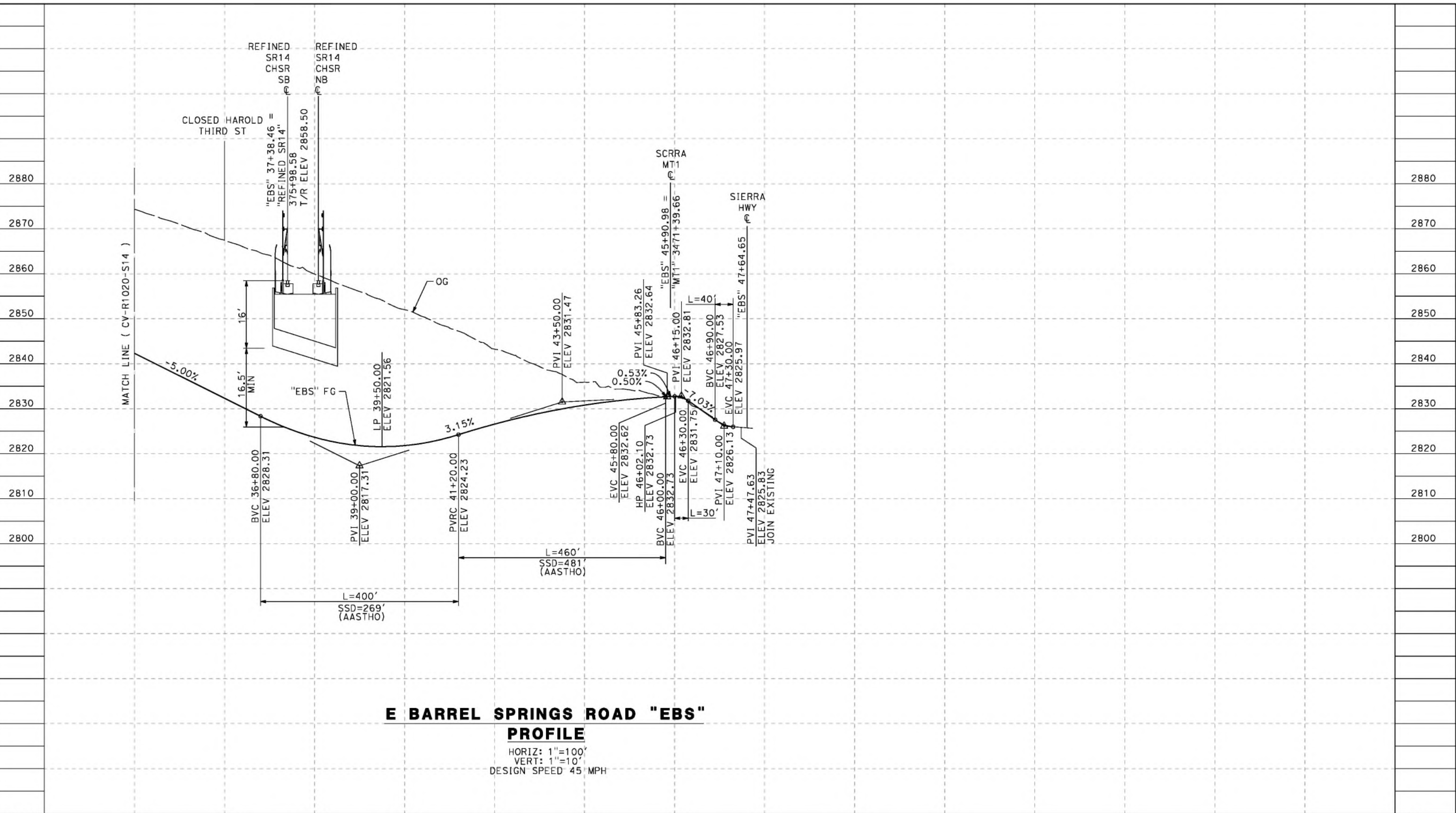
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HSR14-42  
 DRAWING NO.  
CV-R1020-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/23/2021 6:28:55 PM

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

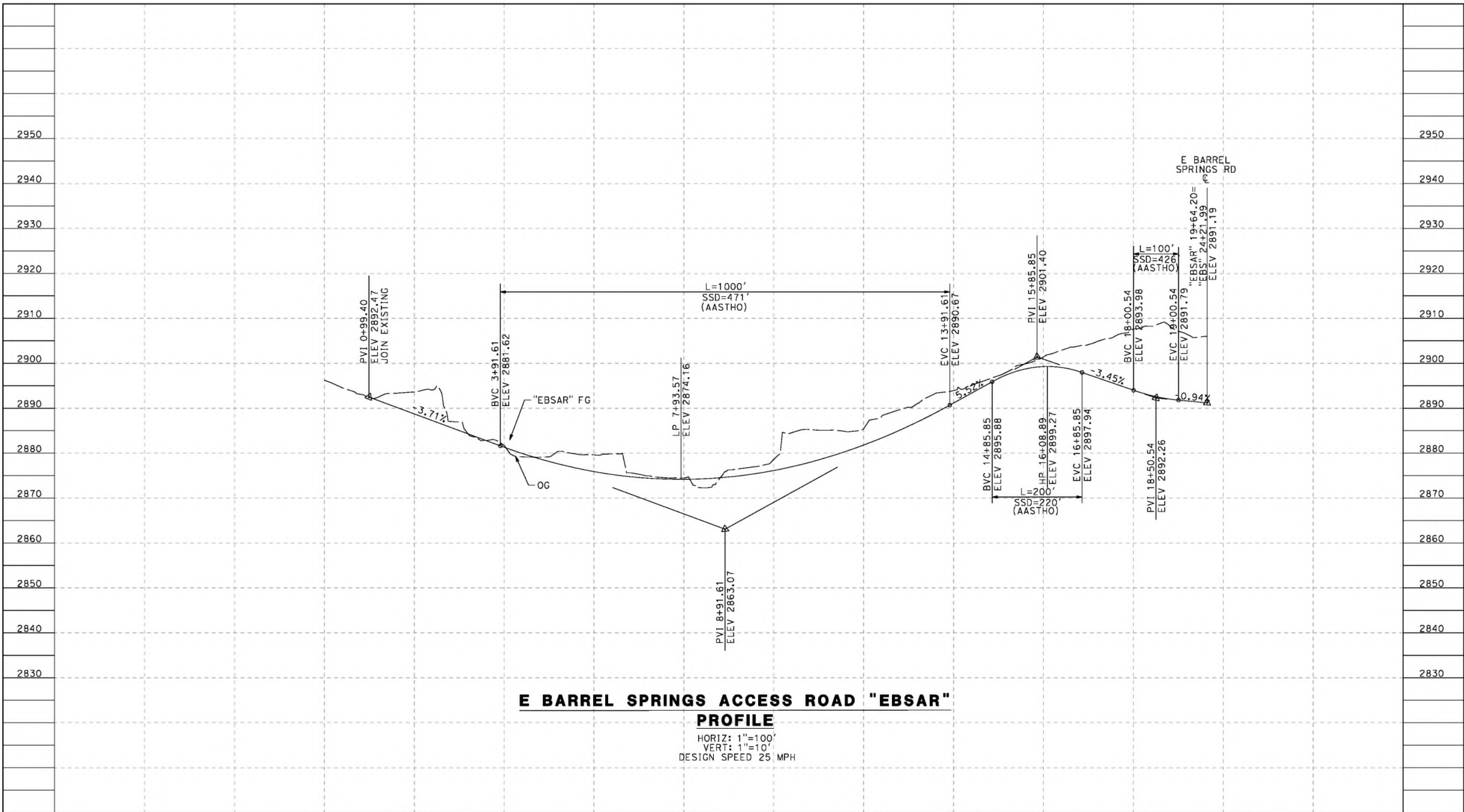
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 DRAWING NO.  
CV-R1021-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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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
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**



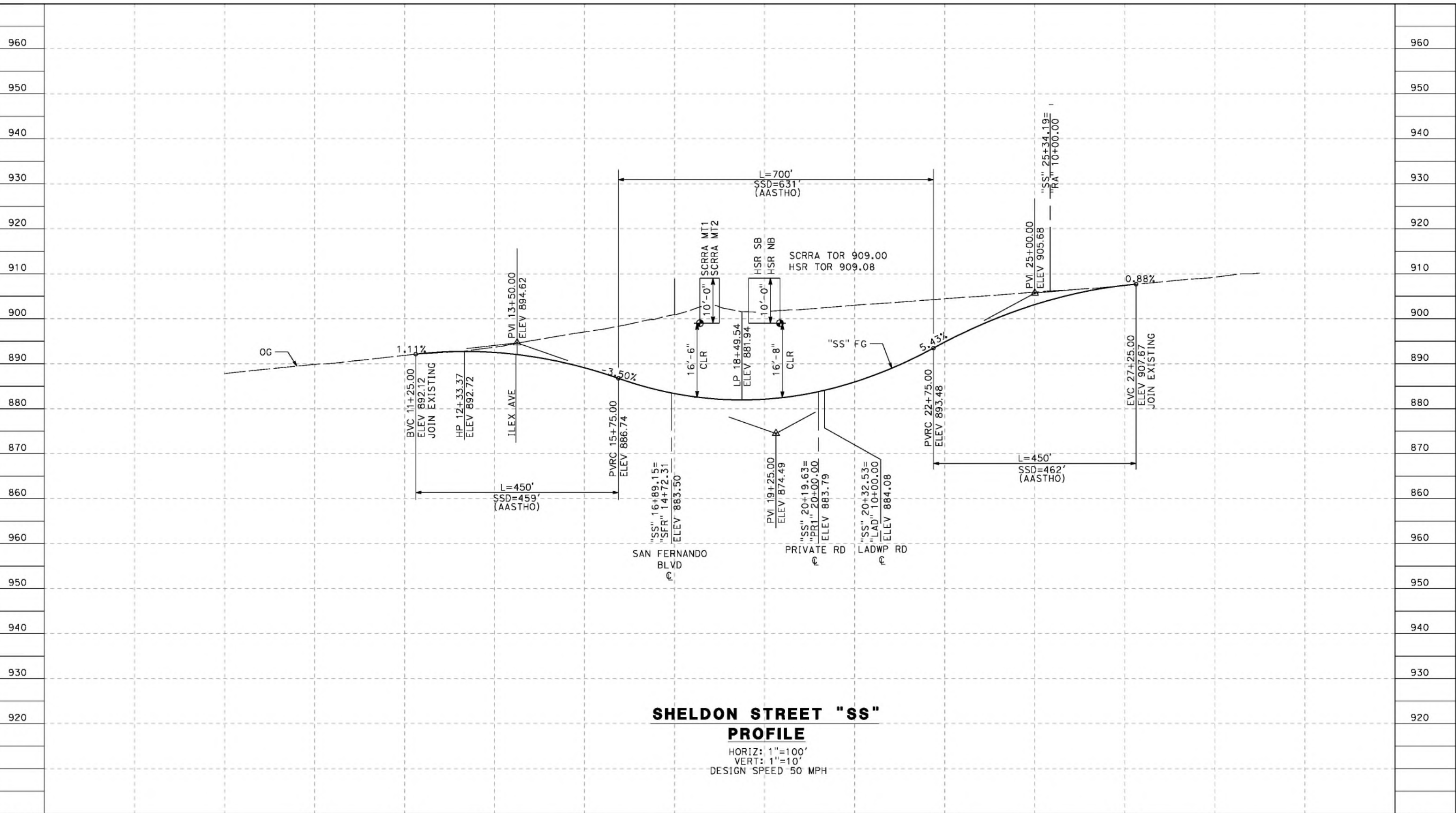
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY PROFILE  
 E BARREL SPRINGS ACCESS ROAD

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

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cordo

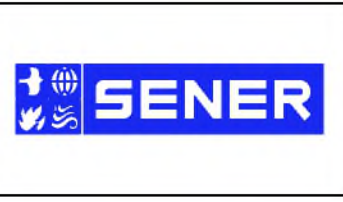


**SHELDON STREET "SS"**  
**PROFILE**  
 HORIZ: 1"=100'  
 VERT: 1"=10'  
 DESIGN SPEED 50 MPH

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

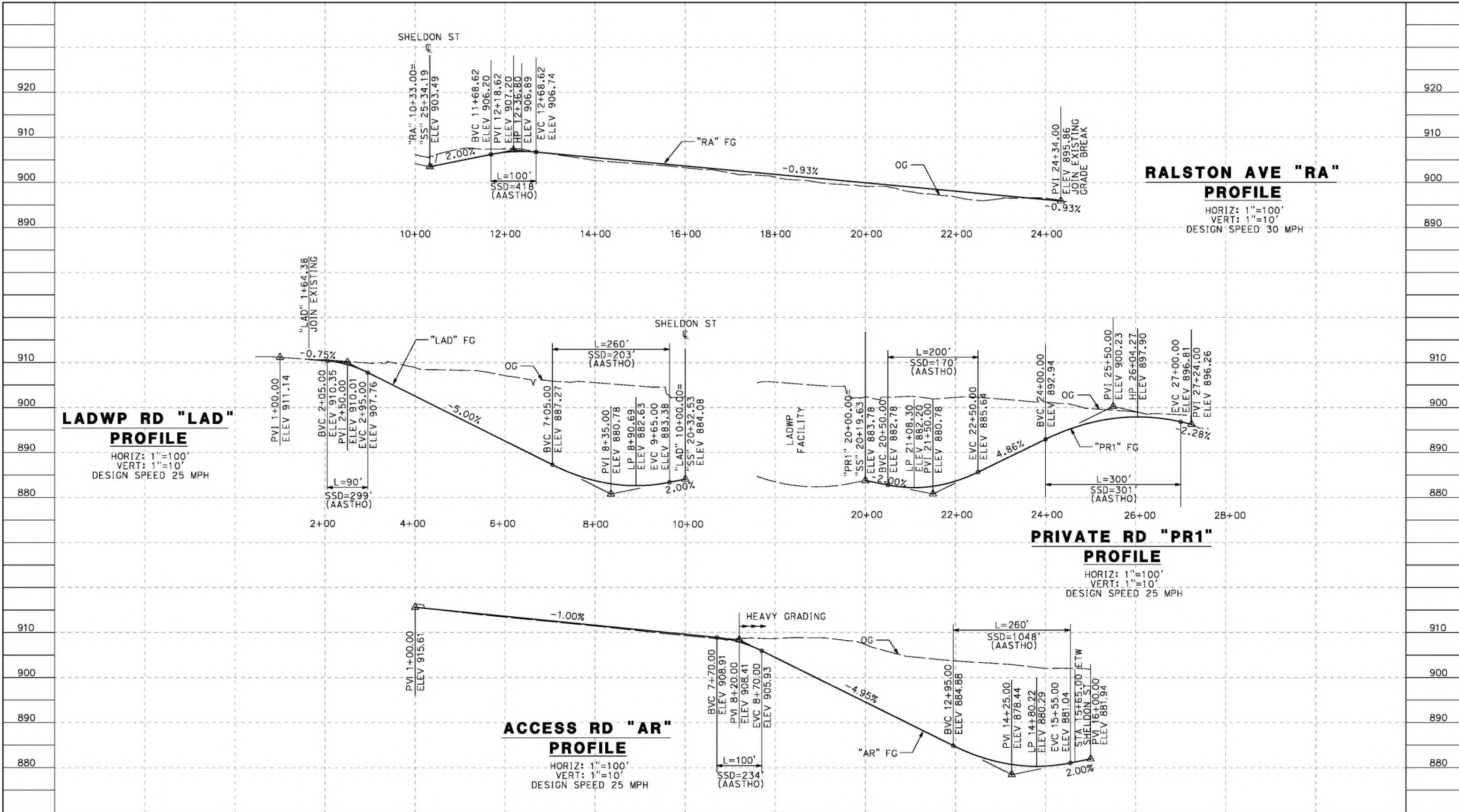
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 SCALE  
AS SHOWN  
 SHEET NO.

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.

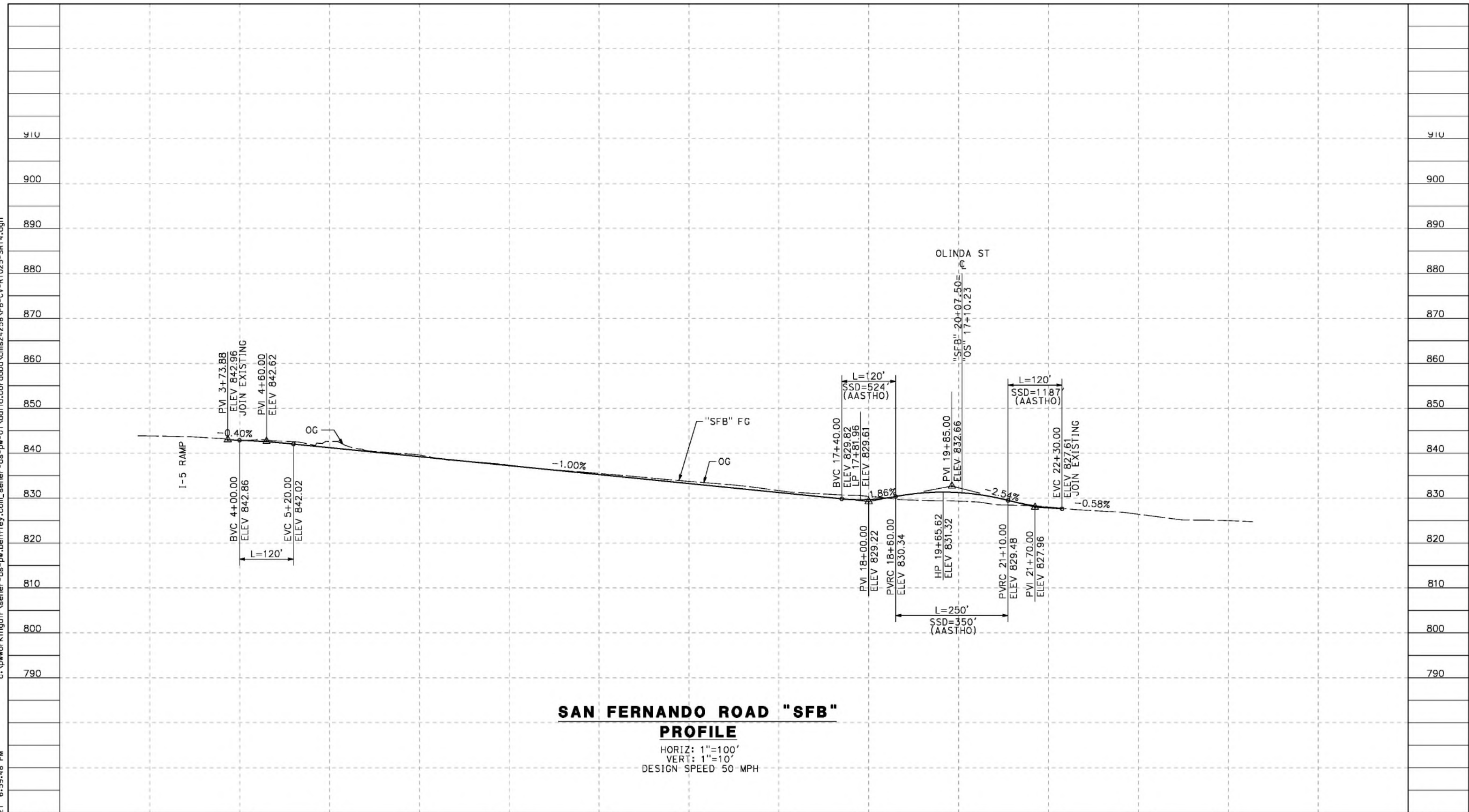




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5/23/2021 6:59:48 PM

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**



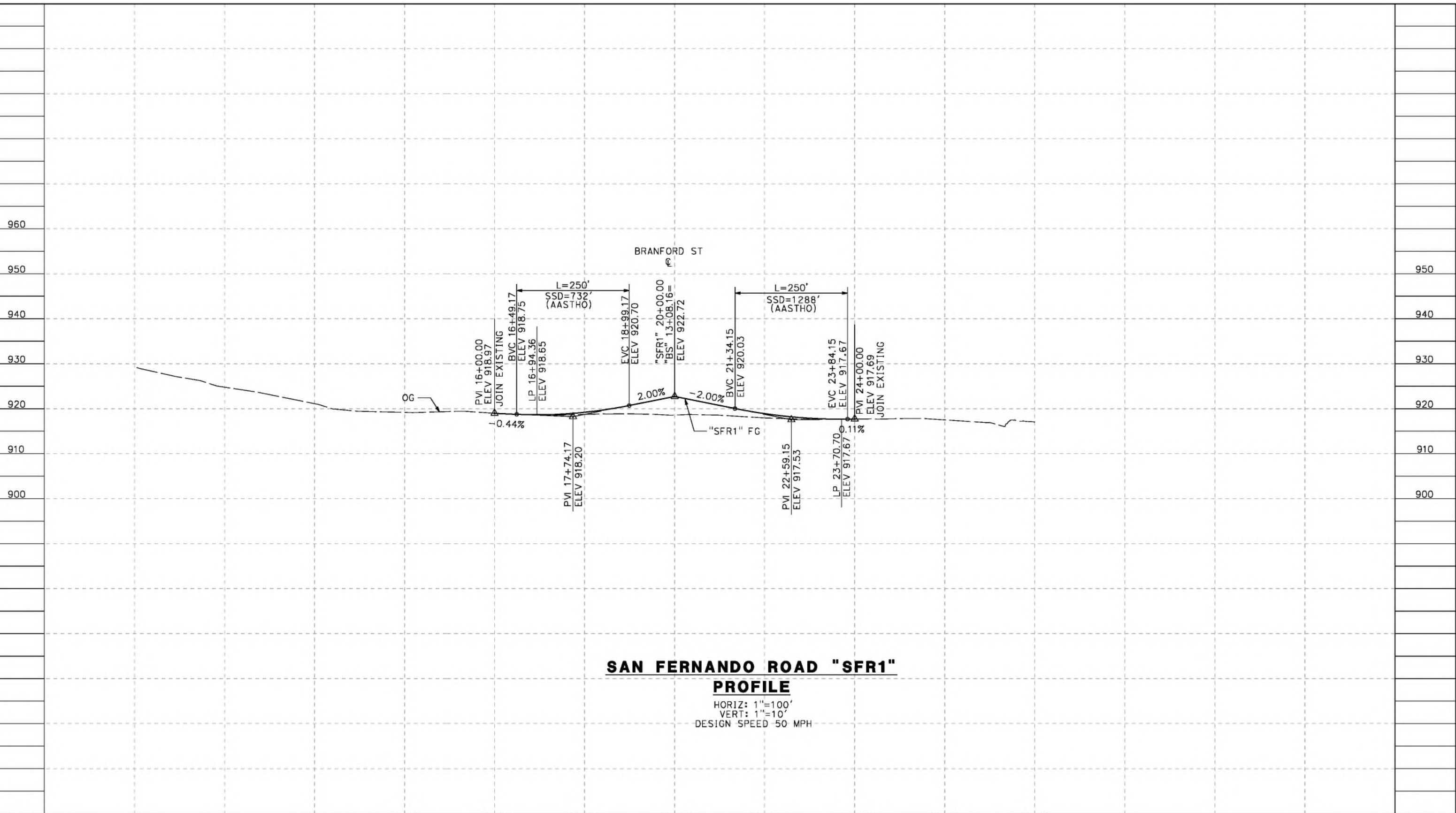
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY PROFILE  
 SAN FERNANDO ROAD "SFB"

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**



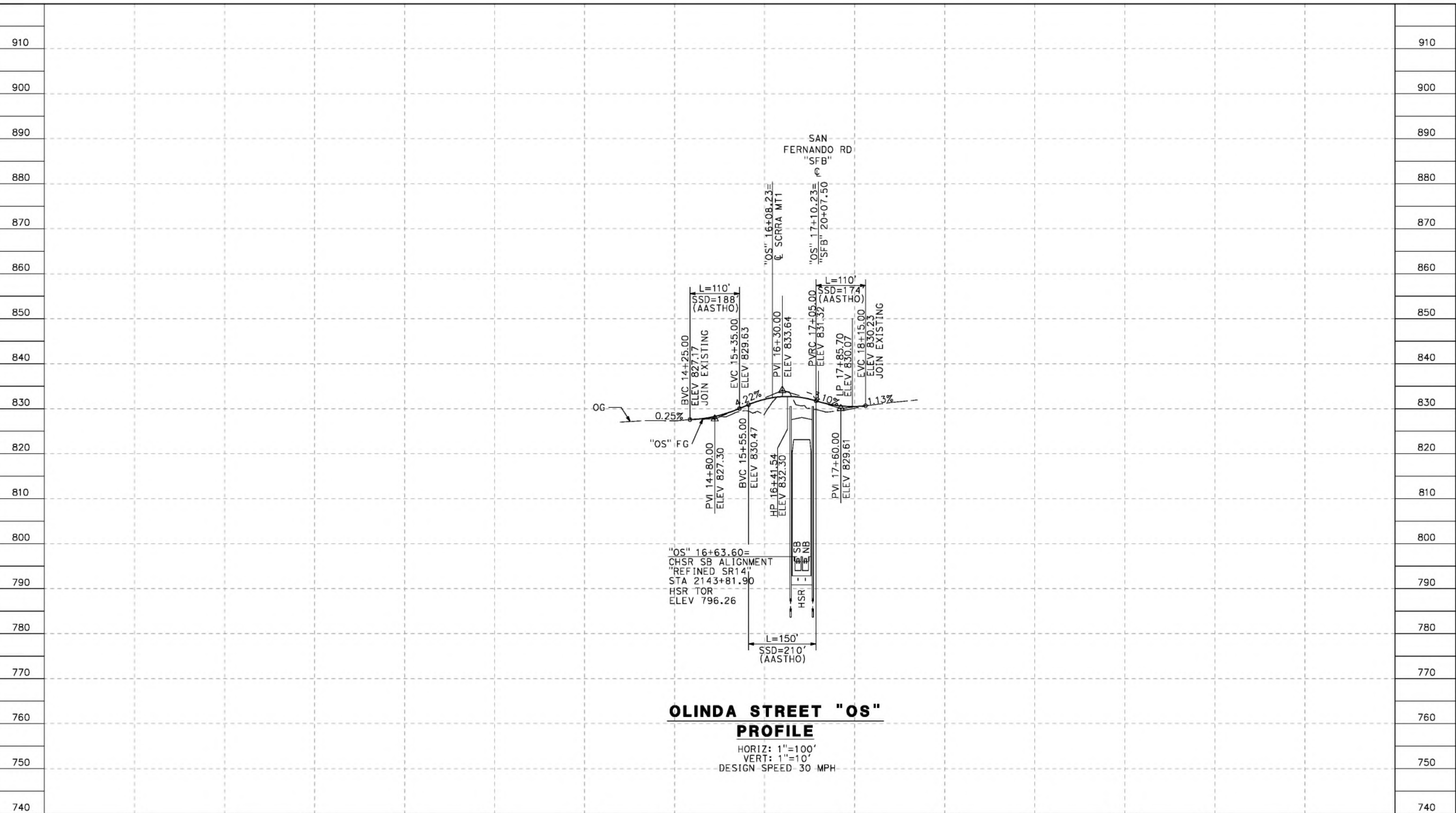
<b>CALIFORNIA HIGH-SPEED RAIL PROJECT</b> <b>PALMDALE TO BURBANK</b> ALIGNMENT "REFINED SR14" ROADWAY PROFILE SAN FERNANDO ROAD "SFR1"		CONTRACT NO. HSR14-42 DRAWING NO. CV-R1026-S14 SCALE AS SHOWN SHEET NO.
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REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo

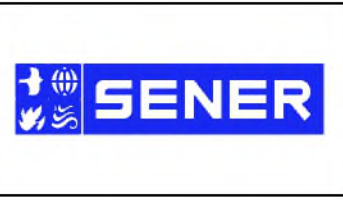


STATION	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	TOTAL
CY	Exc														
	Emb														

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

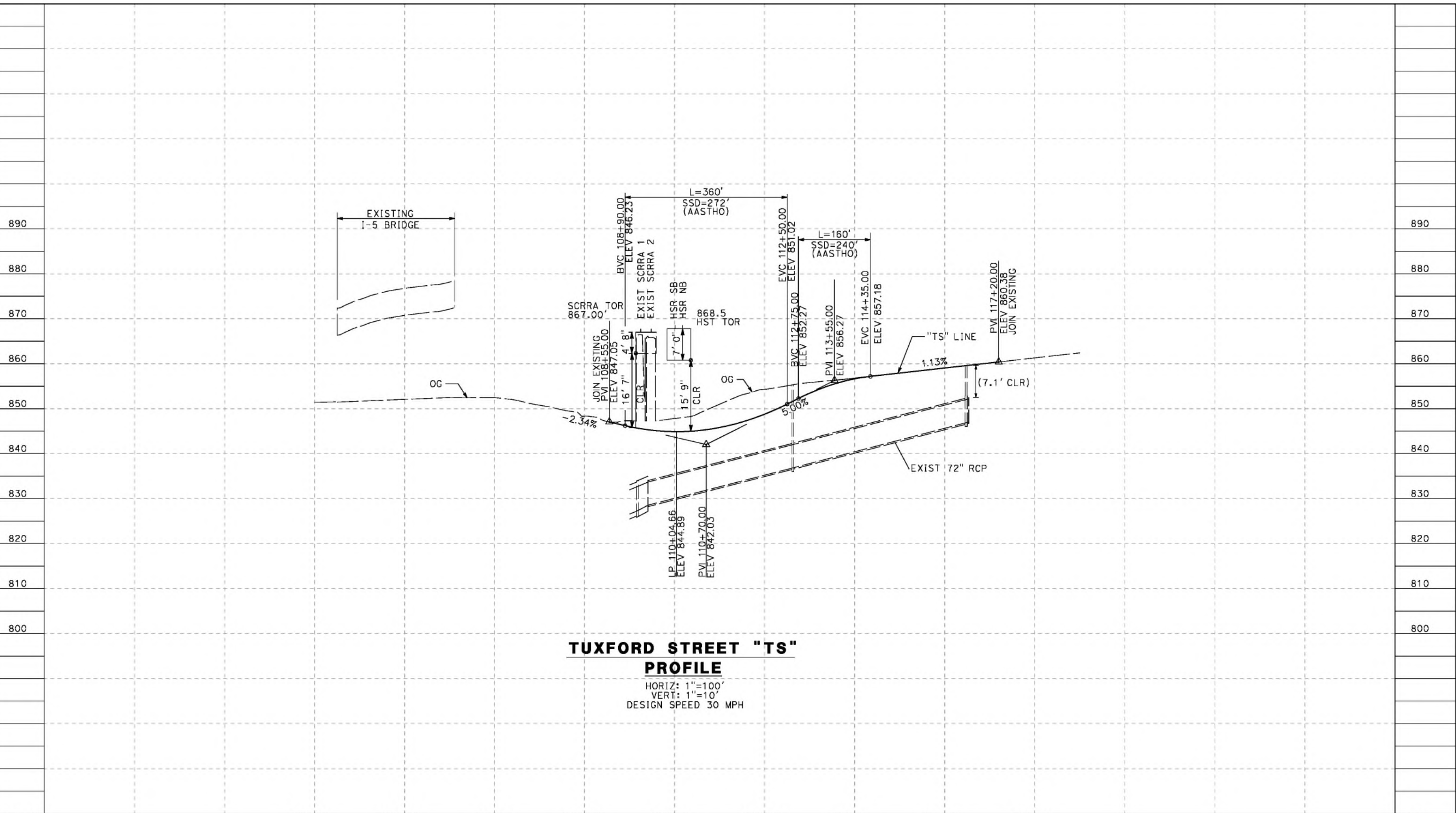
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DRAWING NO.  
CV-R1029-S14  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/23/2021 6:30:49 PM

cordo



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

STATION	102+00	104+00	106+00	108+00	110+00	112+00	114+00	116+00	118+00	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

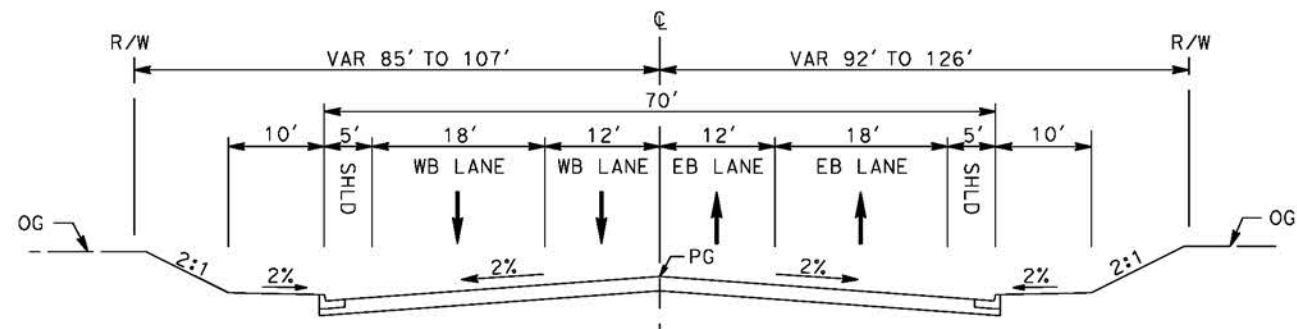
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 SCALE  
AS SHOWN  
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

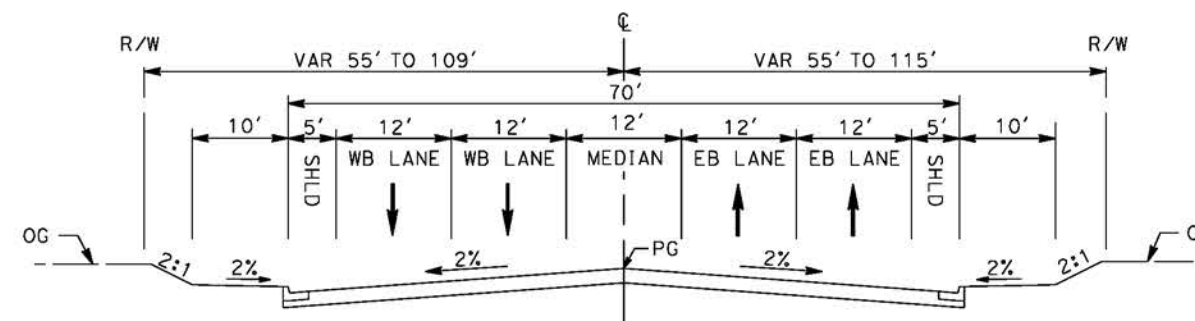
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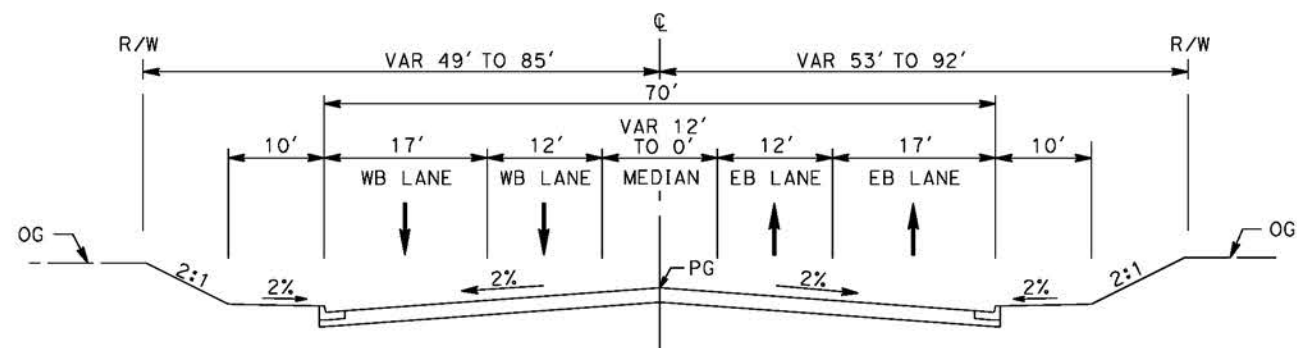
cordo



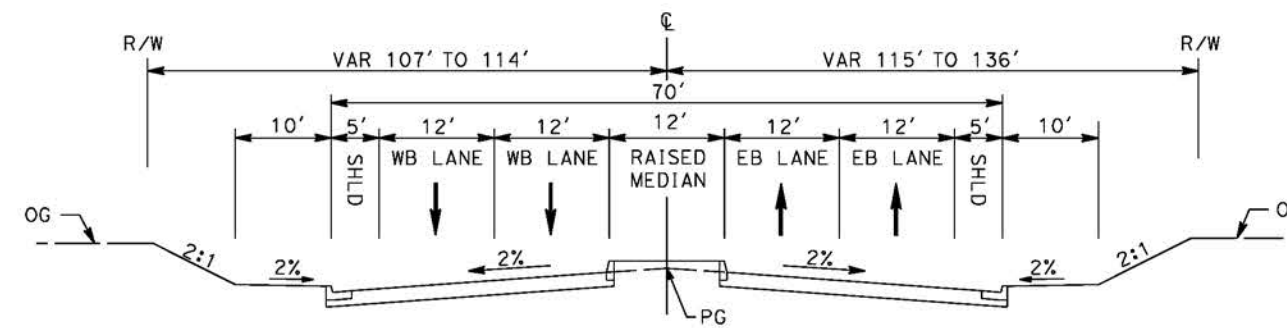
**E BARREL SPRINGS ROAD**  
 STA 25+75 TO STA 34+00  
 SECONDARY HIGHWAY  
 PER LOS ANGELES COUNTY MASTER PLAN OF HIGHWAYS



**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**



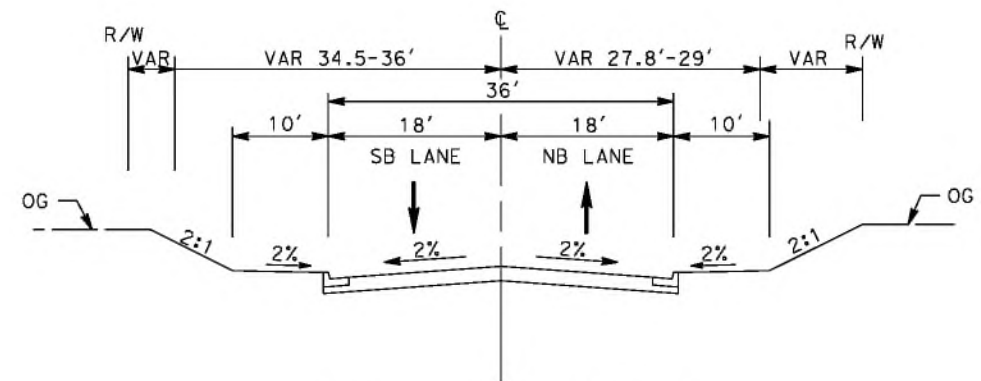
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 E BARREL SPRINGS ROAD

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

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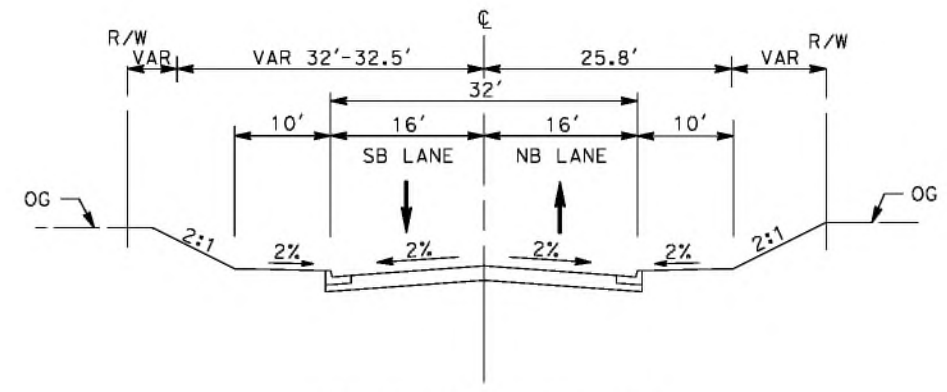
5/19/2021 9:41:07 PM

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

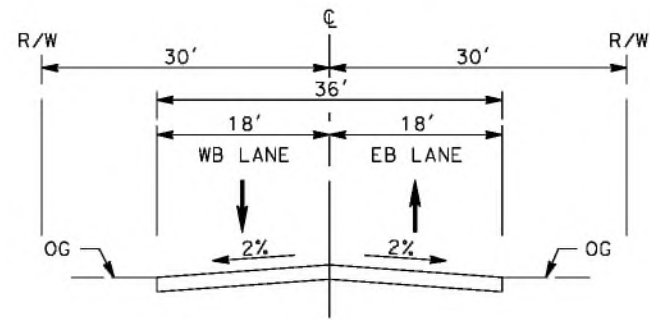
DESIGNED BY  
 J.C. ALAMILLA  
 DRAWN BY  
 A. SANZ  
 CHECKED BY  
 W. GUO  
 IN CHARGE  
 A. RELANO  
 DATE  
 04/30/2021

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



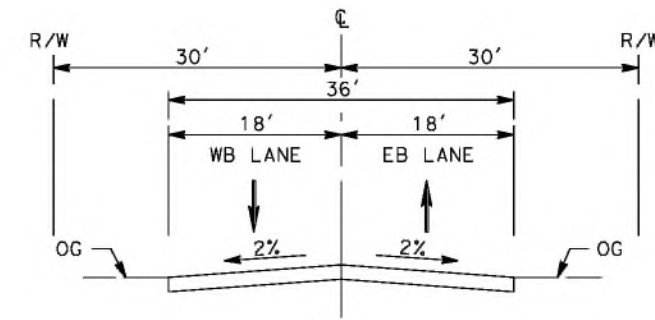
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 SIXTH STREET EAST

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



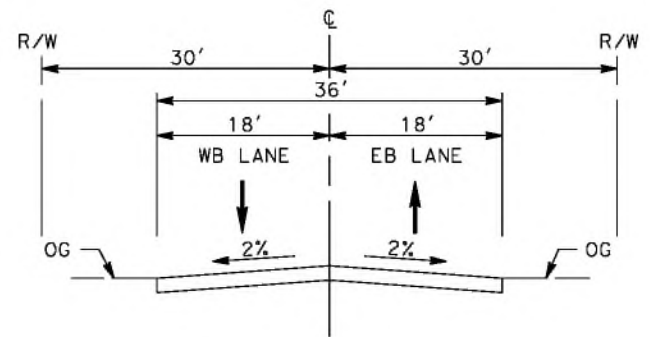
**HAROLD THIRD STREET**

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



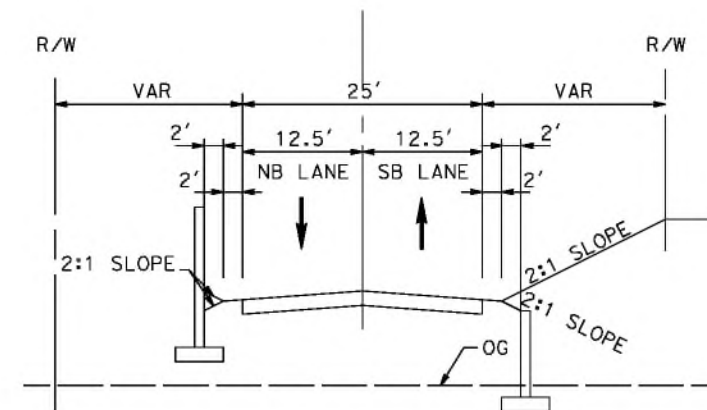
**HAROLD FIFTH STREET**

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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cordo

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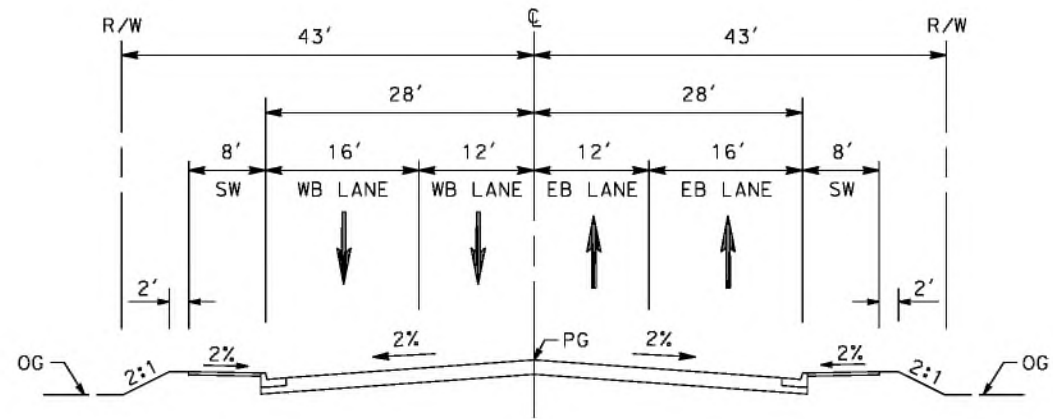
DESIGNED BY  
J.C. ALAMILLA  
 DRAWN BY  
A. SANZ  
 CHECKED BY  
W. GUO  
 IN CHARGE  
A. RELANO  
 DATE  
04/30/2021

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

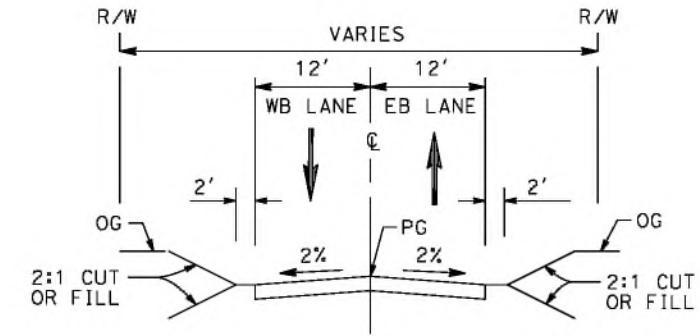


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 HAROLD THIRD STREET, HAROLD DATE AVE,  
 HAROLD FIFTH STREET AND E BARREL SPRINGS ACCESS RD

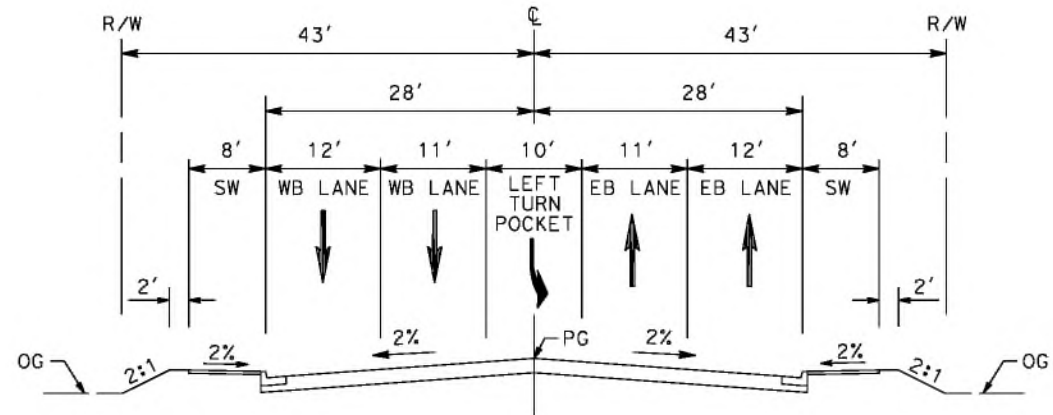
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 DRAWING NO.  
CV-R3003-S14  
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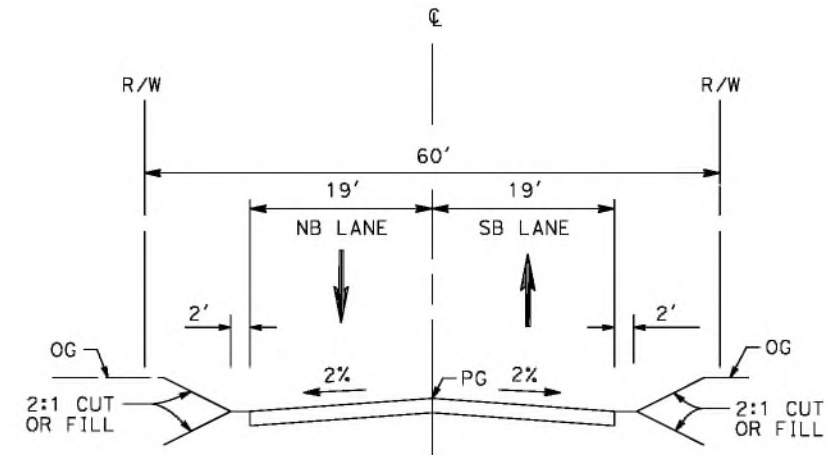
**BRANFORD STREET**  
 STA 14+51 TO STA 25+80  
 AVENUE II (SECONDARY HIGHWAY)  
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



**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

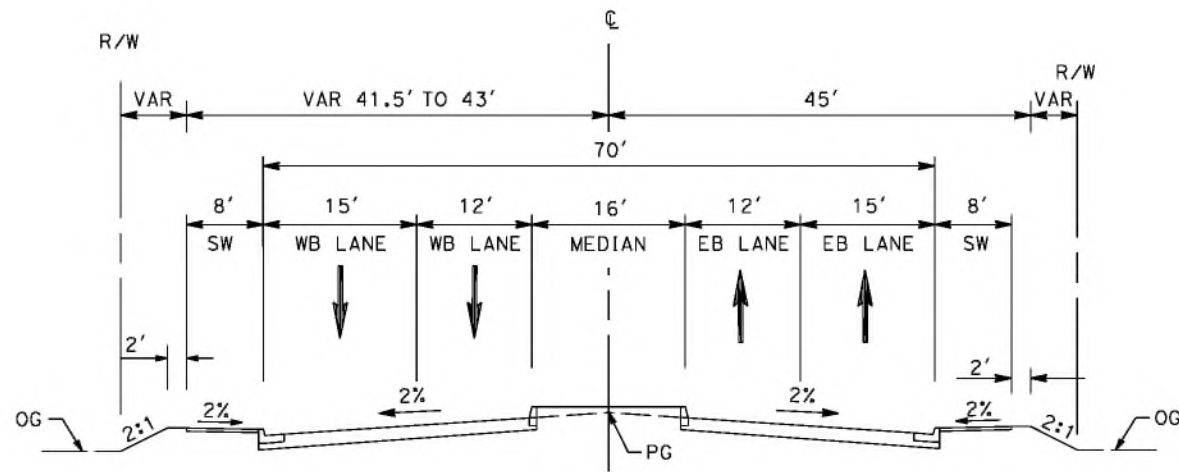
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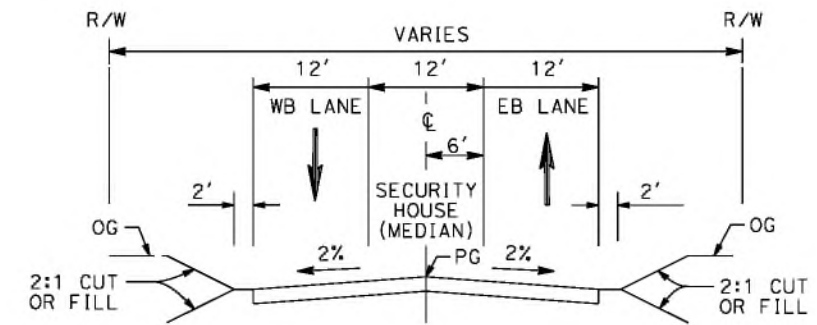
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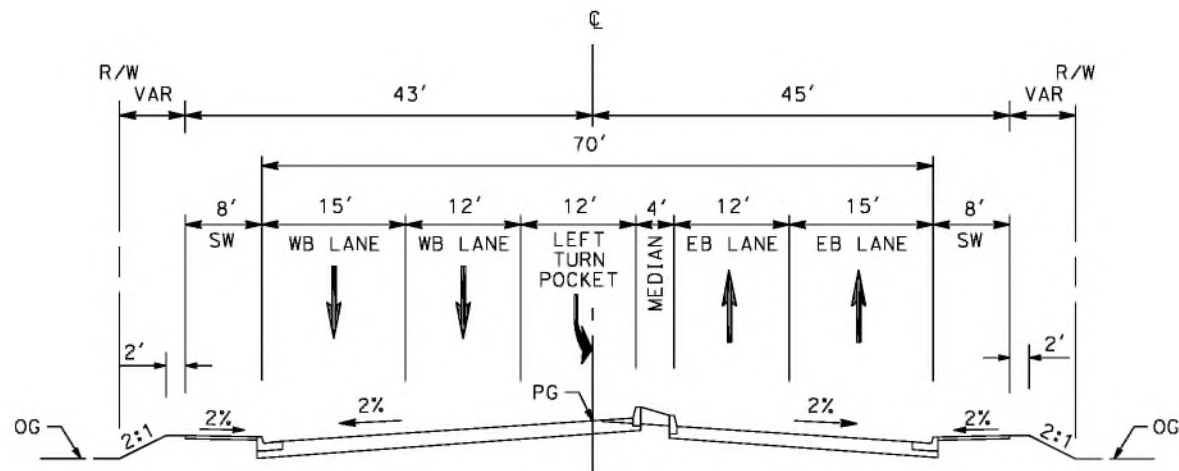
cordo



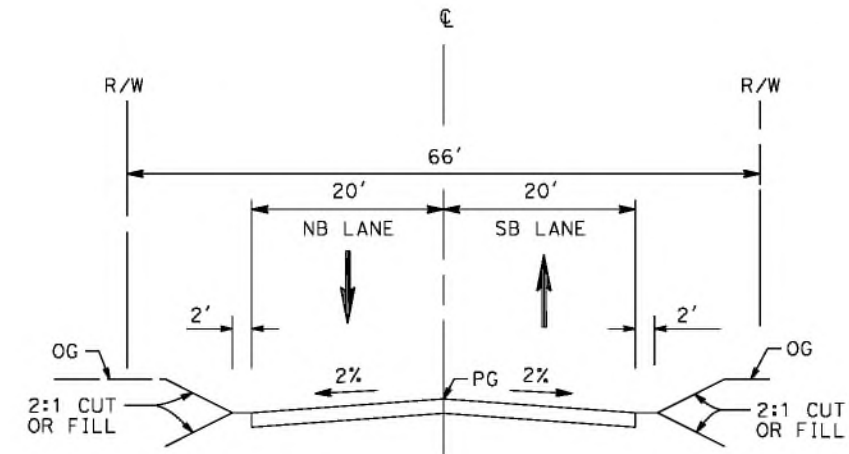
**SHELDON STREET**  
 STA 10+25 TO STA 12+70  
 AVENUE II (SECONDARY HIGHWAY)  
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



**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

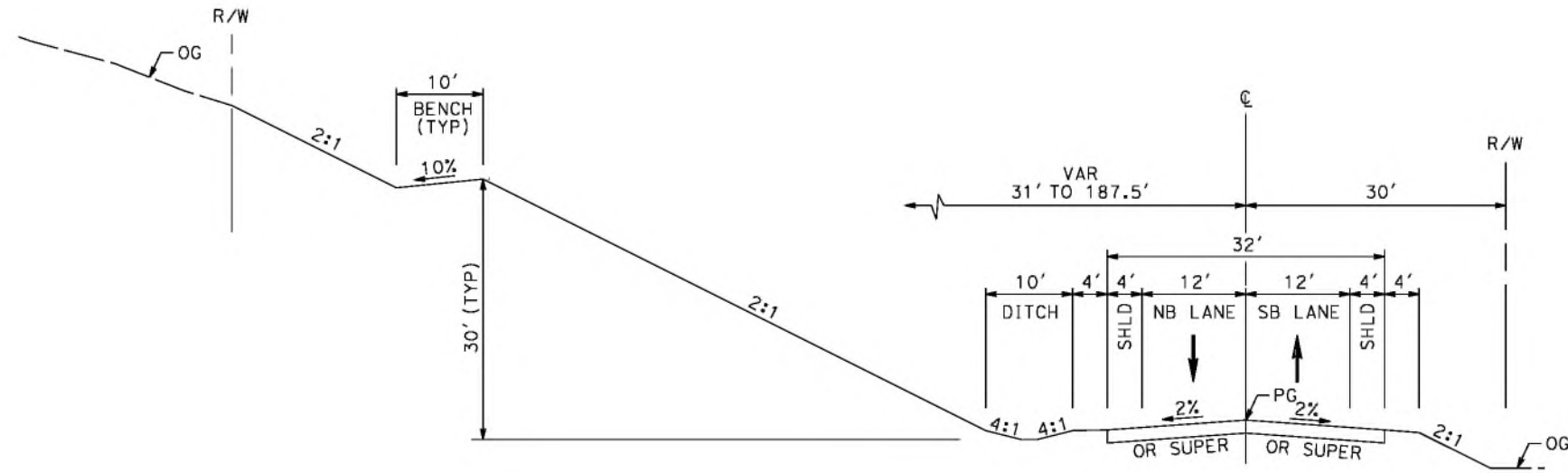
DESIGNED BY  
**J.C. ALAMILLA**  
 DRAWN BY  
**A. SANZ**  
 CHECKED BY  
**W. GUO**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

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

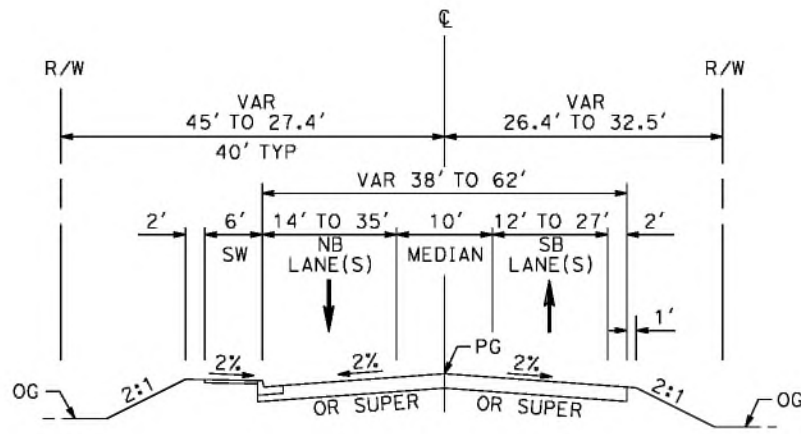


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 SHELDON ST, PRIVATE RD 1 AND LADWP RD

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

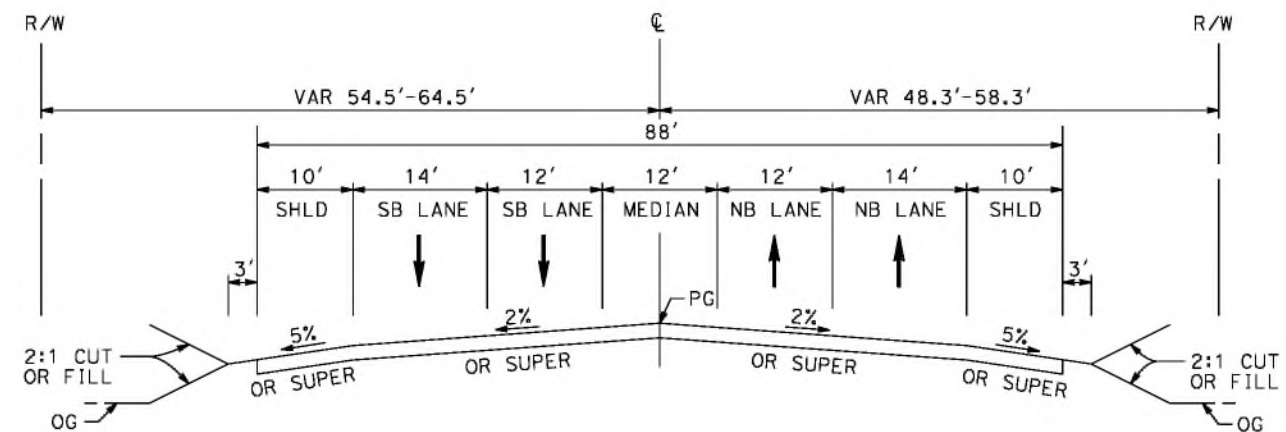
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SHEET NO.

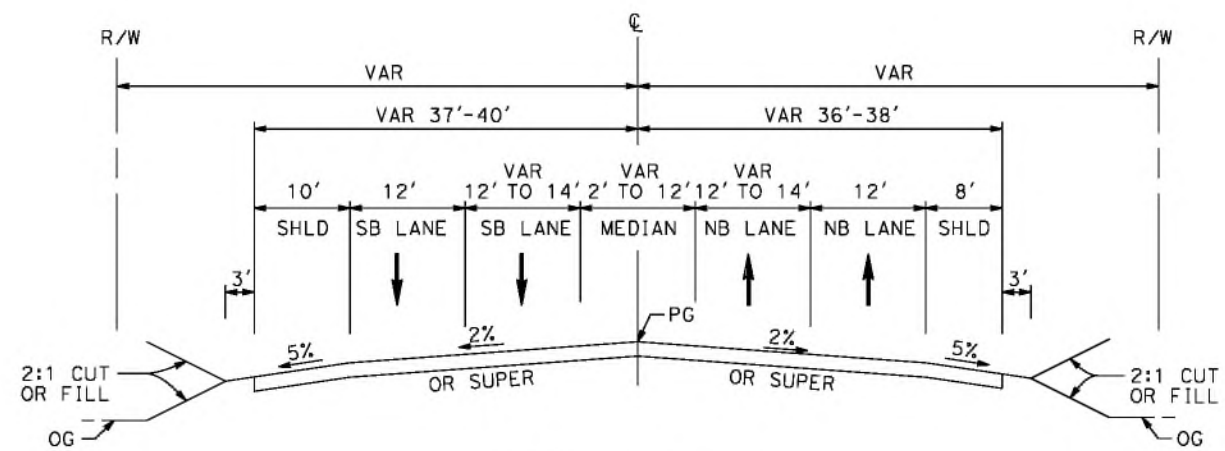
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cordo



**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

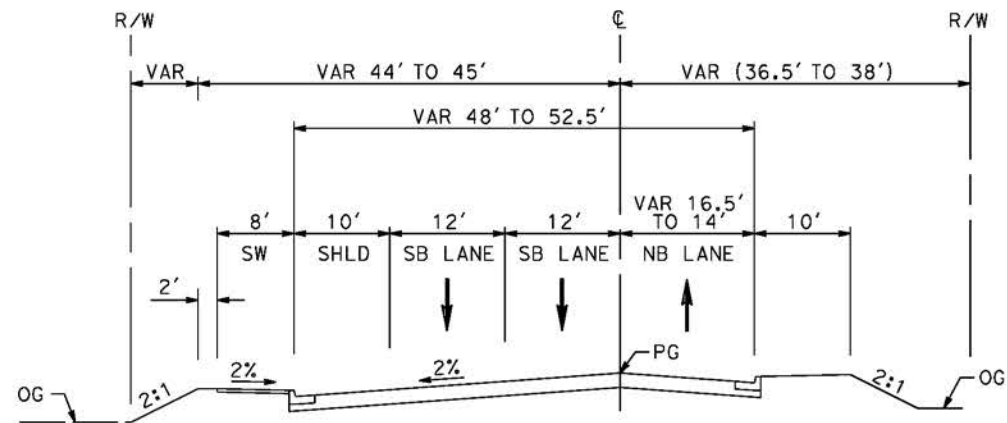
DESIGNED BY  
**J.C. ALAMILLA**  
 DRAWN BY  
**A. SANZ**  
 CHECKED BY  
**W. GUO**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

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

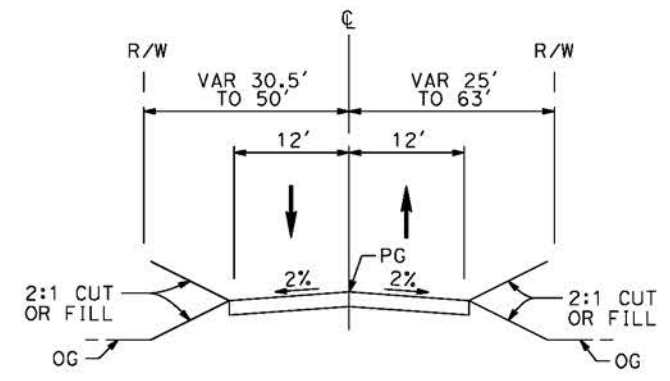


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 SIERRA HIGHWAY  
 SHEET 2 OF 2

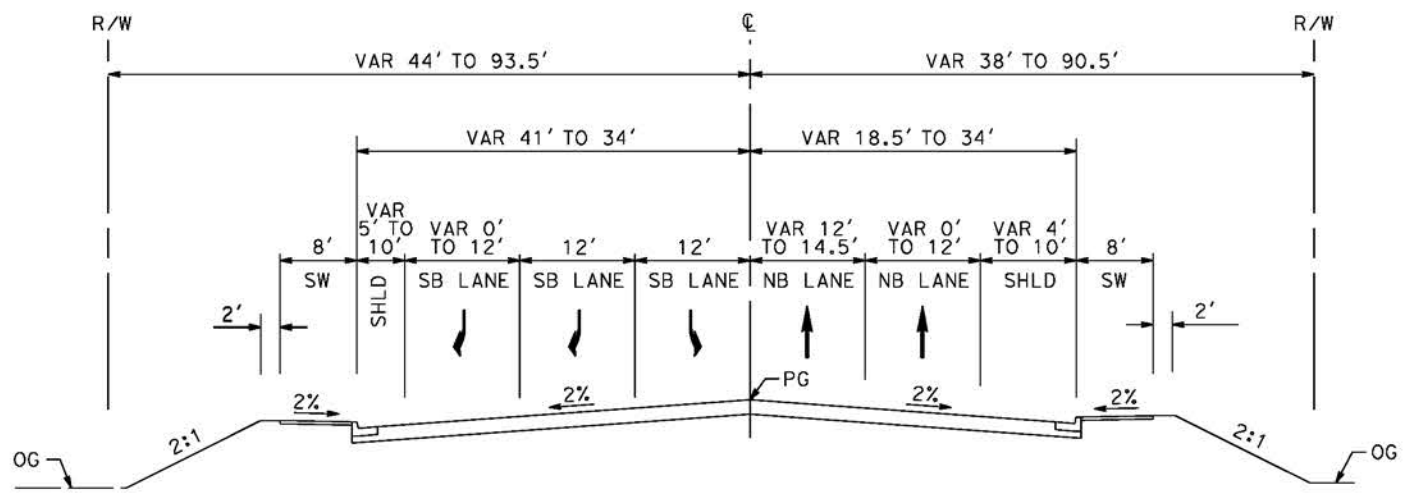
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DRAWING NO.	CV-R3007-S14
SCALE	NO SCALE
SHEET NO.	



**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**



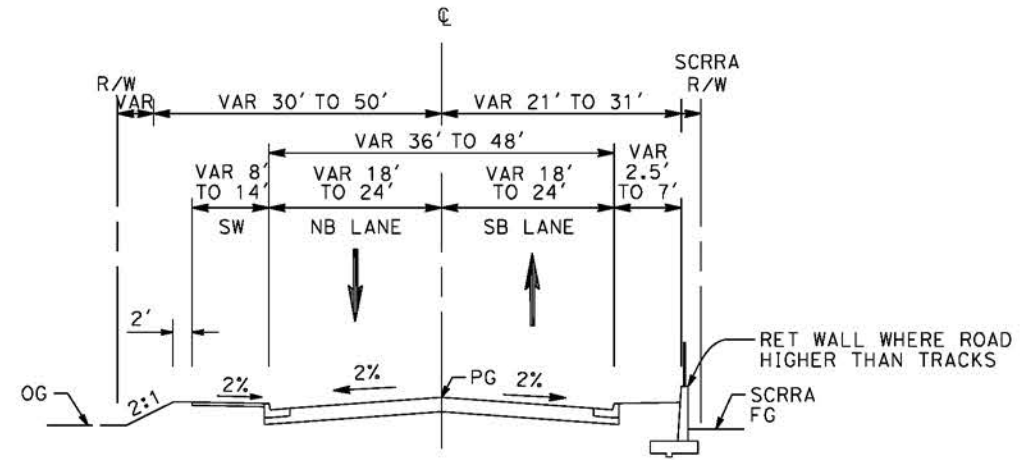
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 EAST TENTH STREET  
 AND WATER TREATMENT PLANT ACCESS RD 2

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

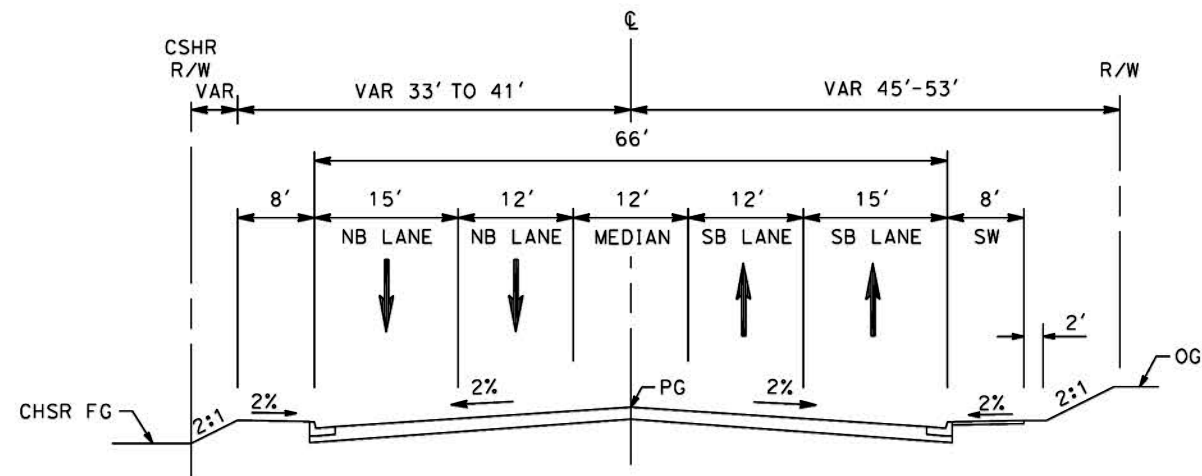
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SHEET NO.

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cordo



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

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**J.C. ALAMILLA**

DRAWN BY  
**A. SANZ**

CHECKED BY  
**W. GUO**

IN CHARGE  
**A. RELANO**

DATE  
**04/30/2021**

**PEPD RECORD SET**  
REV 02

**NOT FOR CONSTRUCTION**



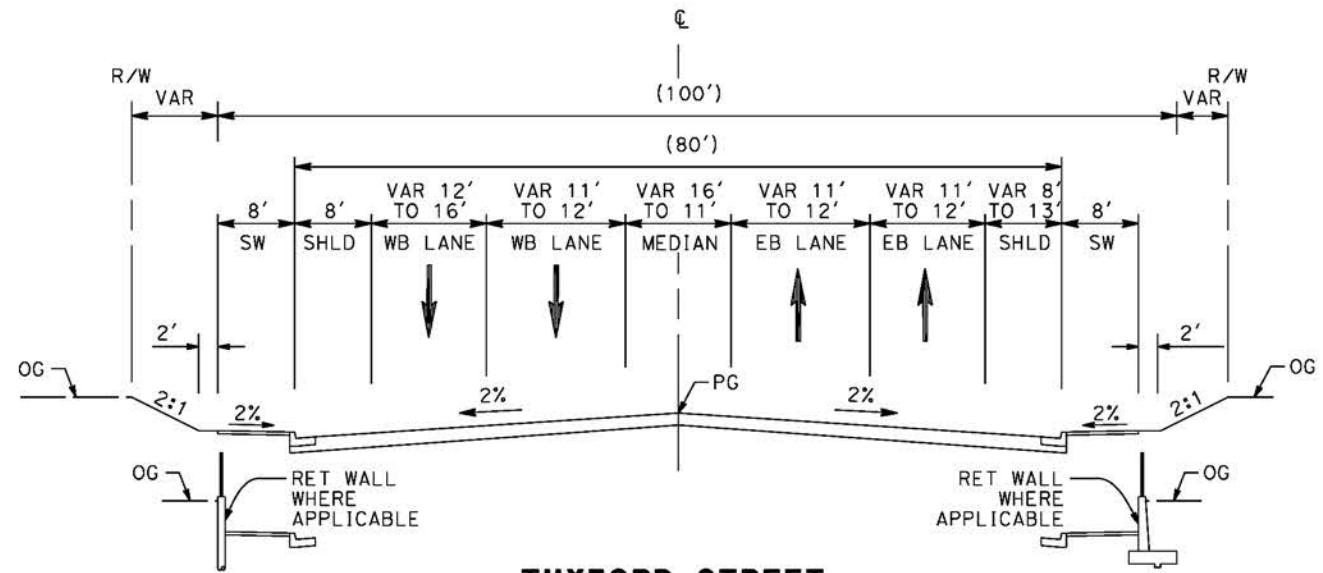
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**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
TYPICAL SECTIONS  
SAN FERNANDO ROAD  
SHEET 2 OF 2

CONTRACT NO.  
HSR14-42

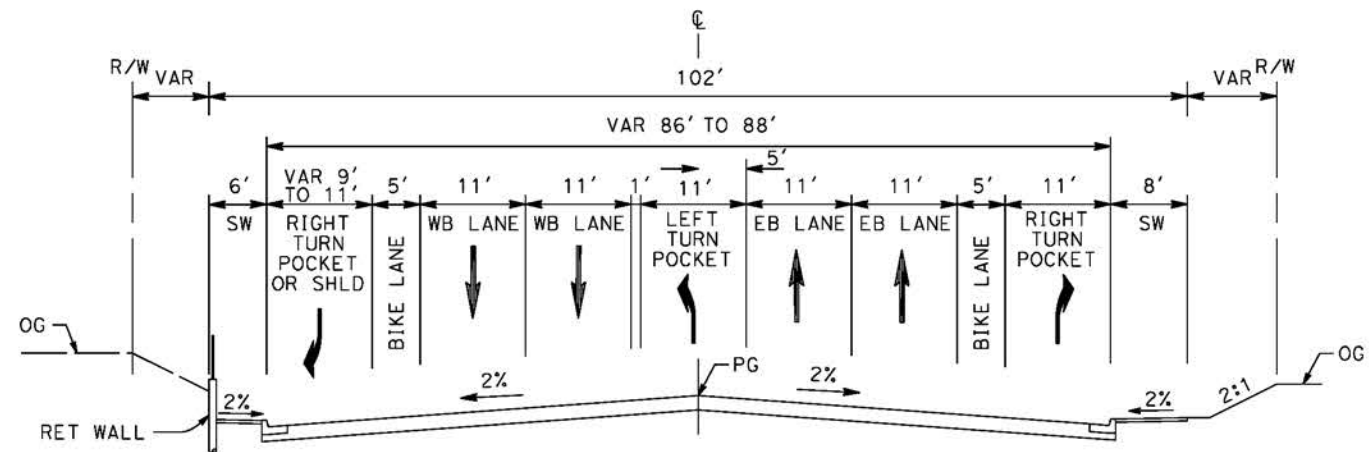
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SCALE  
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SHEET NO.



**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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cordo

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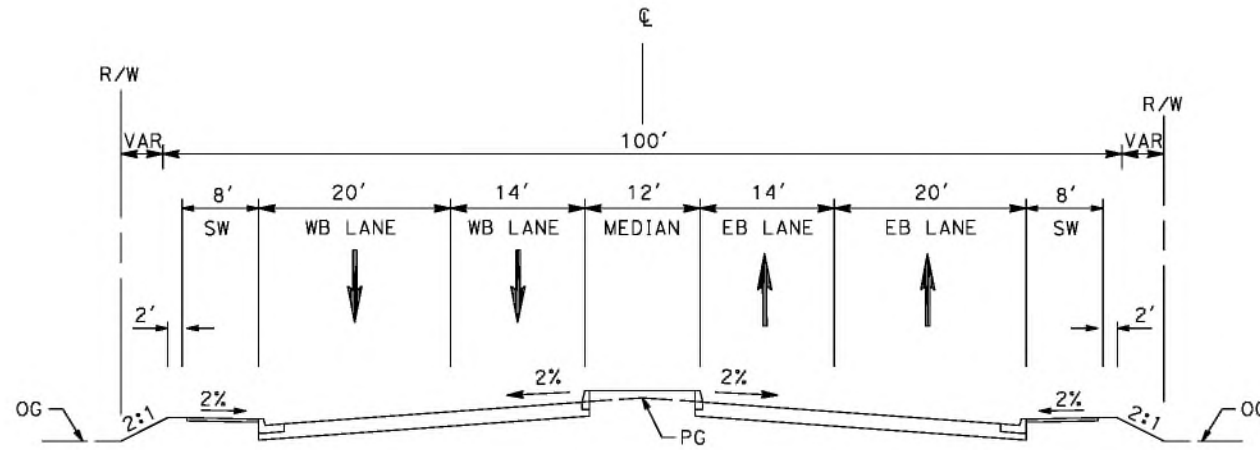
DESIGNED BY  
**J.C. ALAMILLA**  
 DRAWN BY  
**A. SANZ**  
 CHECKED BY  
**W. GUO**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
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**NOT FOR CONSTRUCTION**

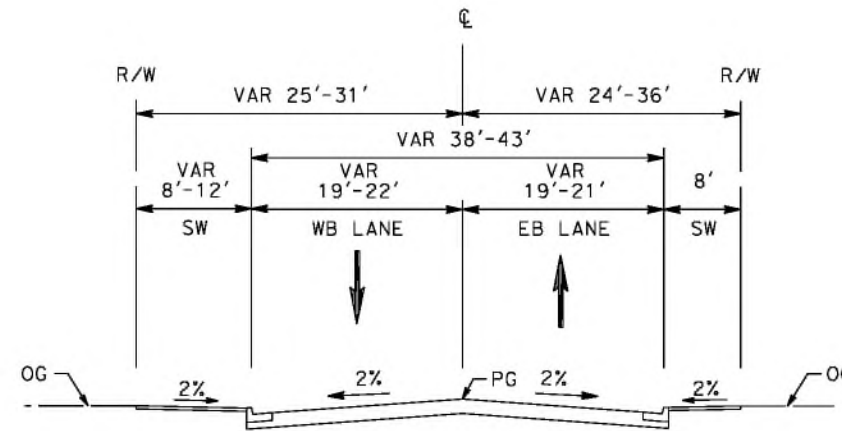


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 TUXFORD STREET

CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-R3011-S14  
 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 "REFINED SR14"  
 TYPICAL SECTIONS  
 OLINDA STREET

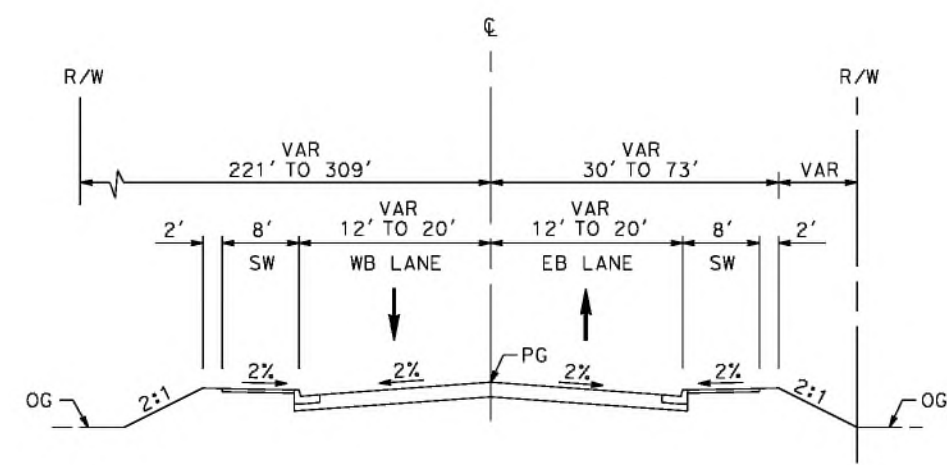
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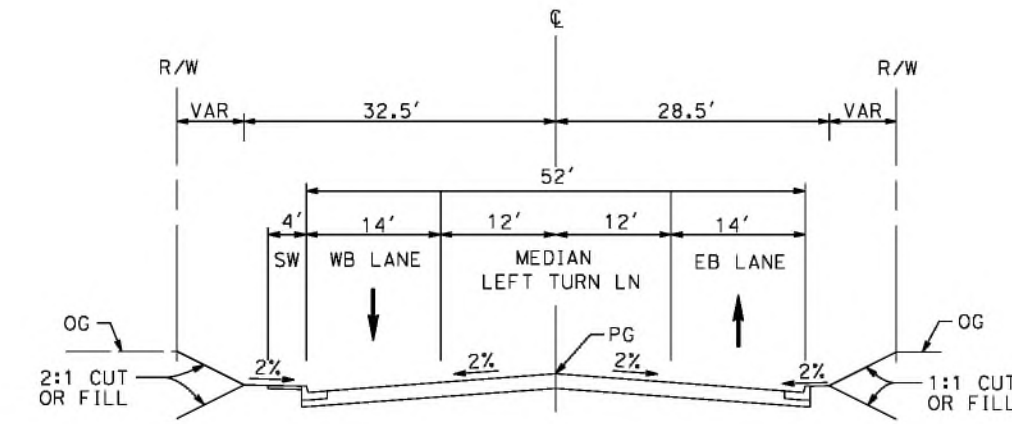
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cordo



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

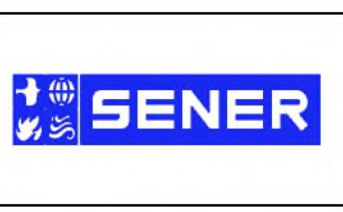


**EAST AVENUE R11**  
 STA 10+36 TO STA 18+38  
 LOCAL INTERIOR STREET (F1)  
 PER CITY OF PALMDALE GENERAL PLAN

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**

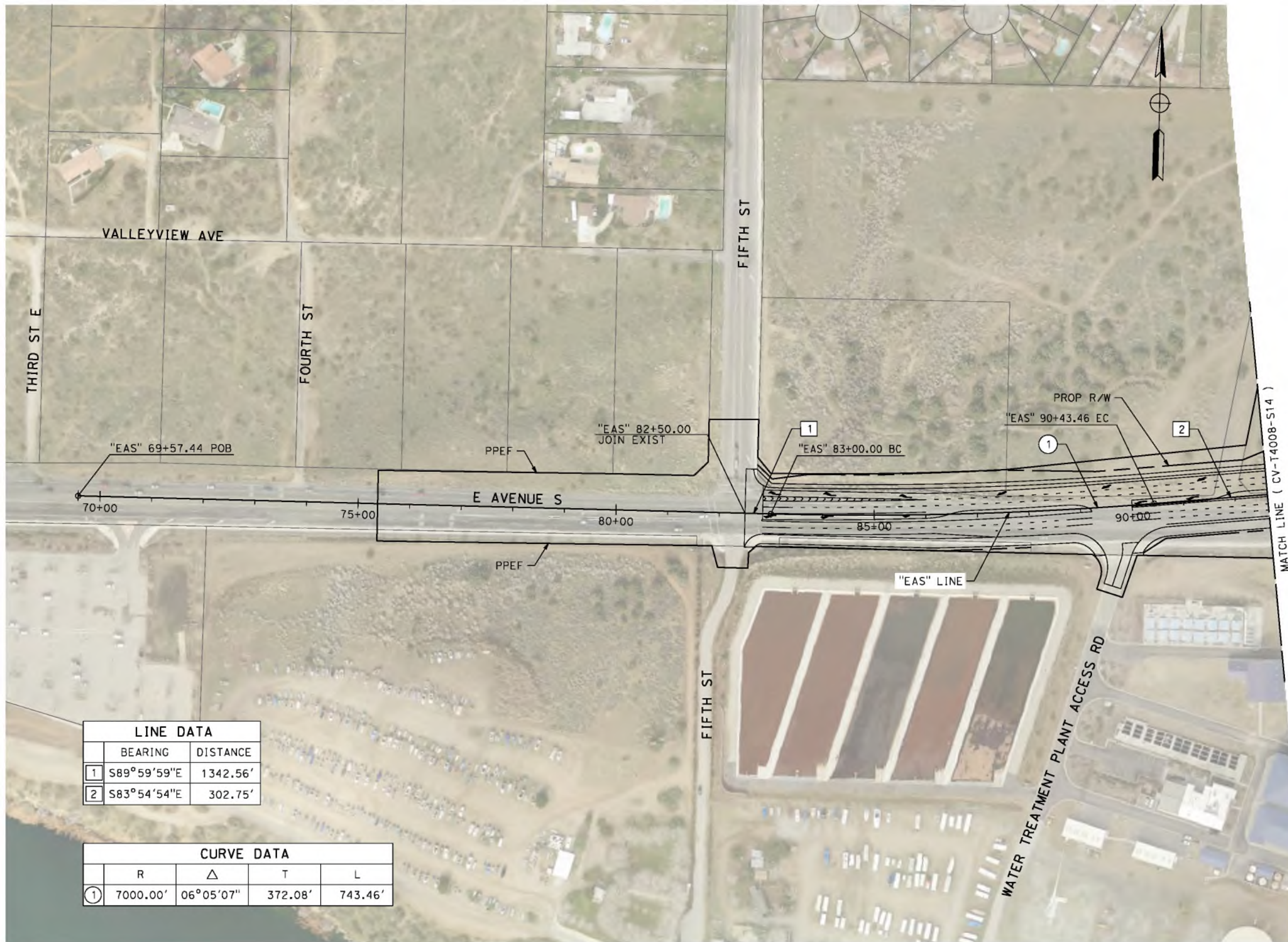
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**NOT FOR CONSTRUCTION**



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

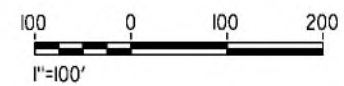
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CURVE DATA				
	R	Δ	T	L
1	7000.00'	06°05'07"	372.08'	743.46'



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**



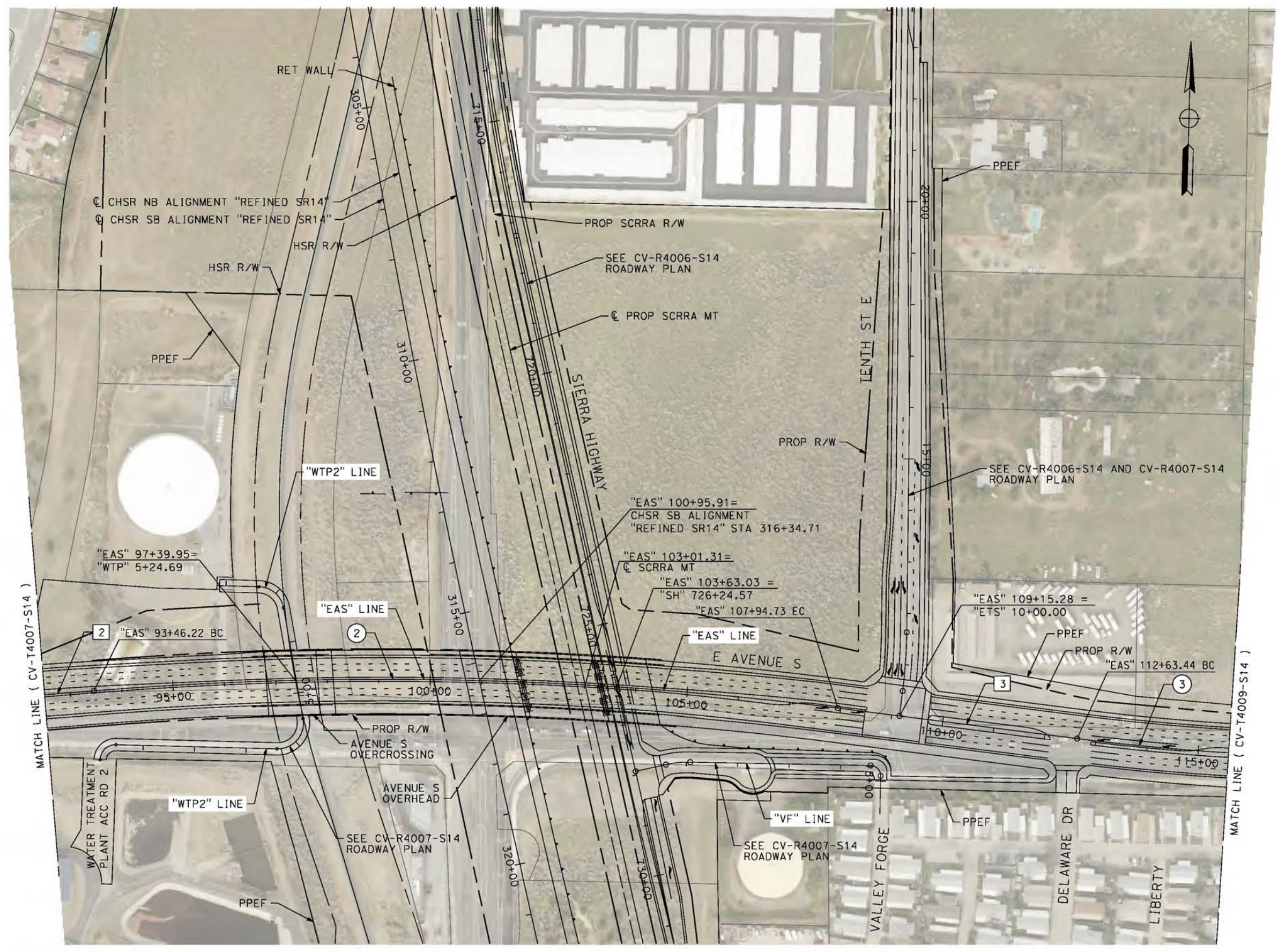
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**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
GRADE SEPARATION PLAN  
EAST AVENUE S  
SHEET 1 OF 3

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
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SHEET NO.

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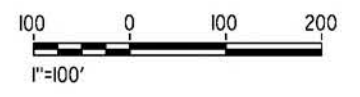
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corcdo



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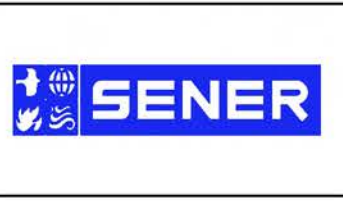
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REV	DATE	BY	CHK	APP	DESCRIPTION

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

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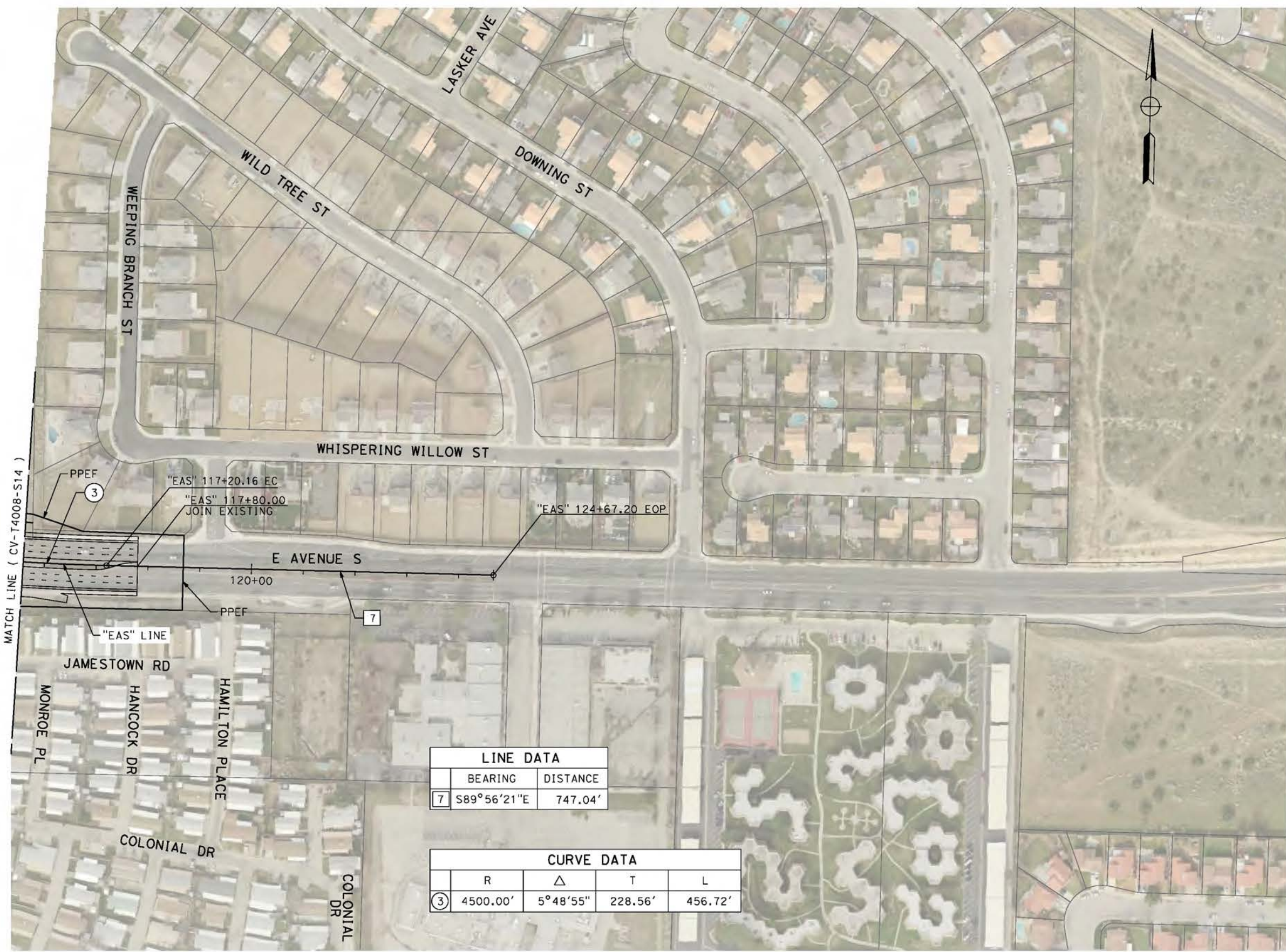
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
GRADE SEPARATION PLAN  
EAST AVENUE S  
SHEET 2 OF 3

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

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-T4009-S14.dgn

5/2/2021 4:54:10 PM

cordo



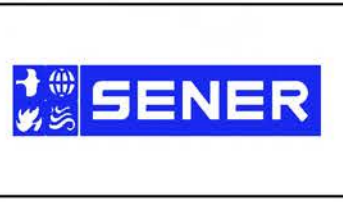
LINE DATA	
BEARING	DISTANCE
7 S89°56'21"E	747.04'

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**



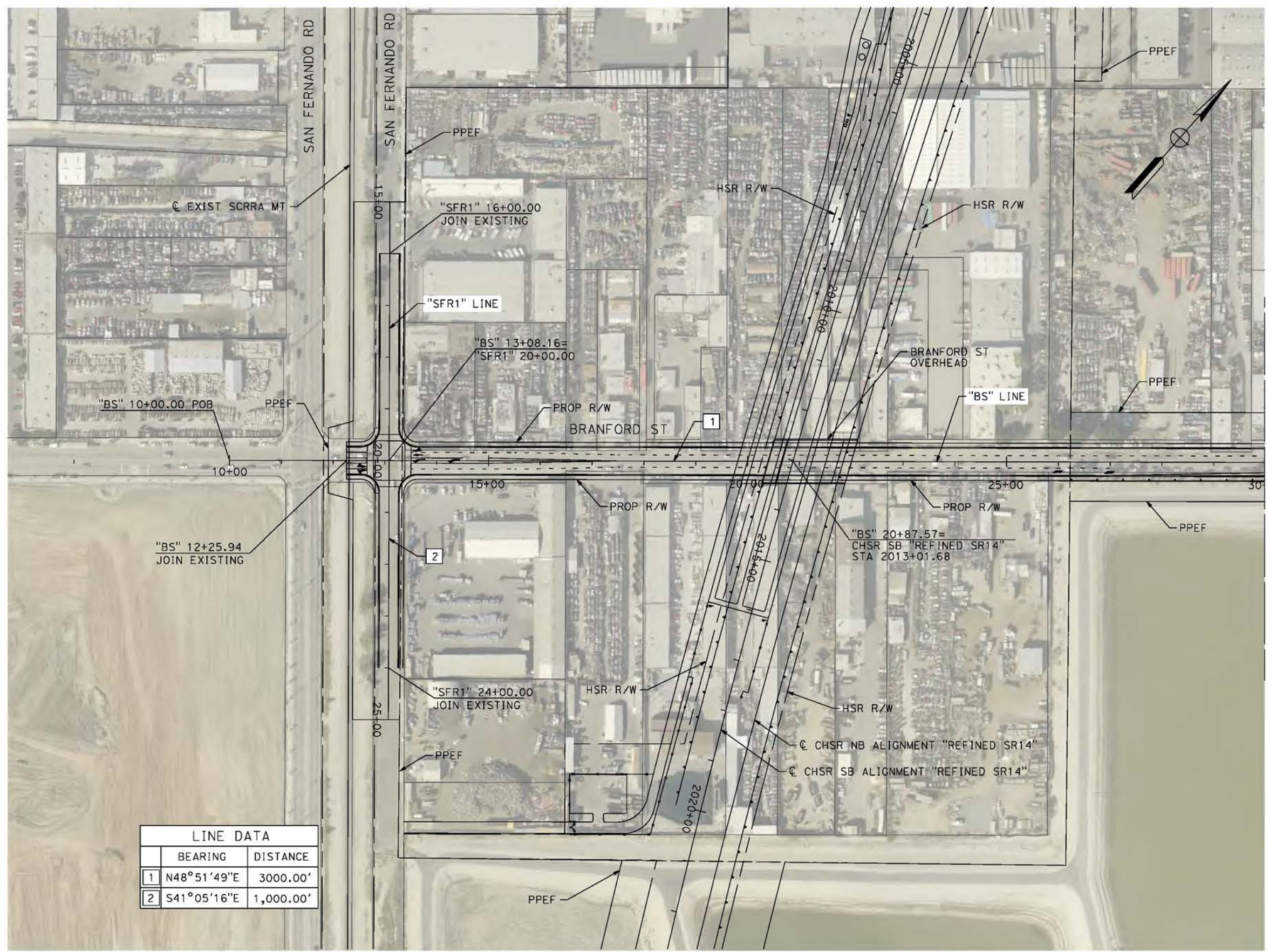
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
GRADE SEPARATION PLAN  
EAST AVENUE S  
SHEET 3 OF 3

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

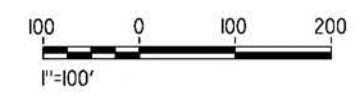
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5/20/2021 7:30:43 PM

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.

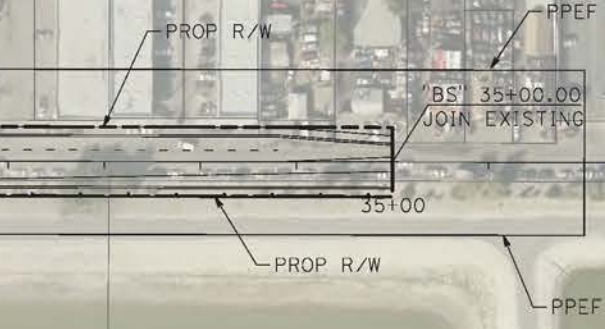
ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalio.cordova\dms24258\VPB-CV-T4020-S14.dgn

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**



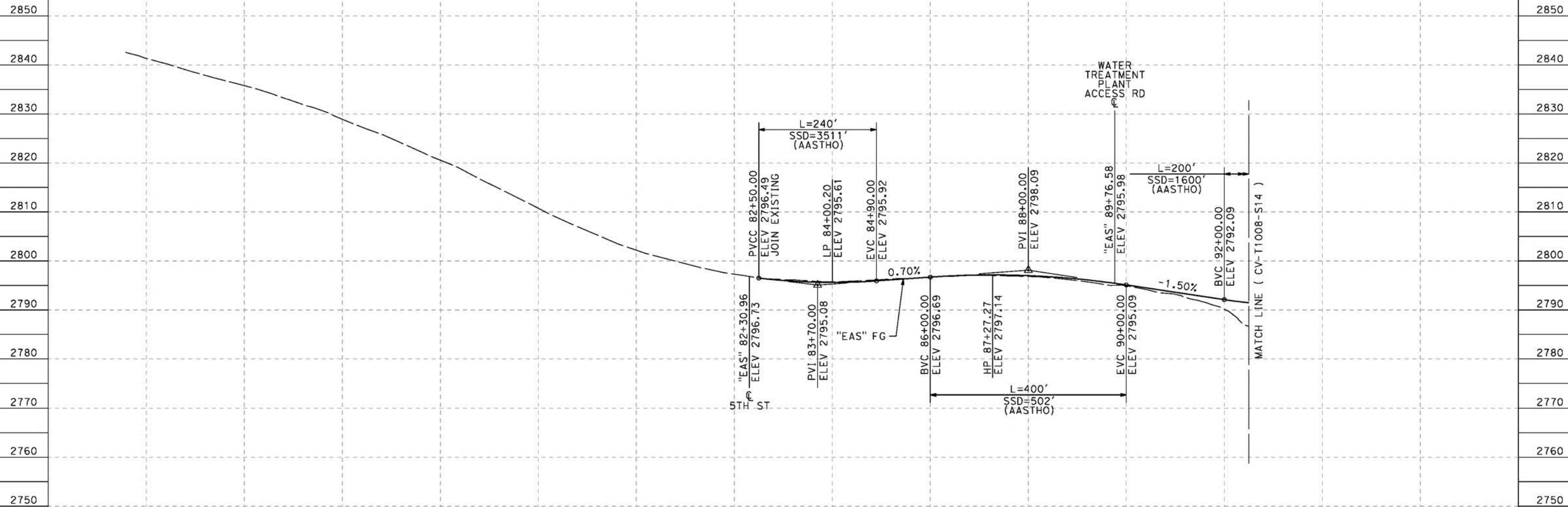
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
GRADE SEPARATION PLAN  
BRANFORD STREET  
SHEET 2 OF 2

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

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalifa.cordoba\dms24258VPB-CV-T1007-S14.dgn

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

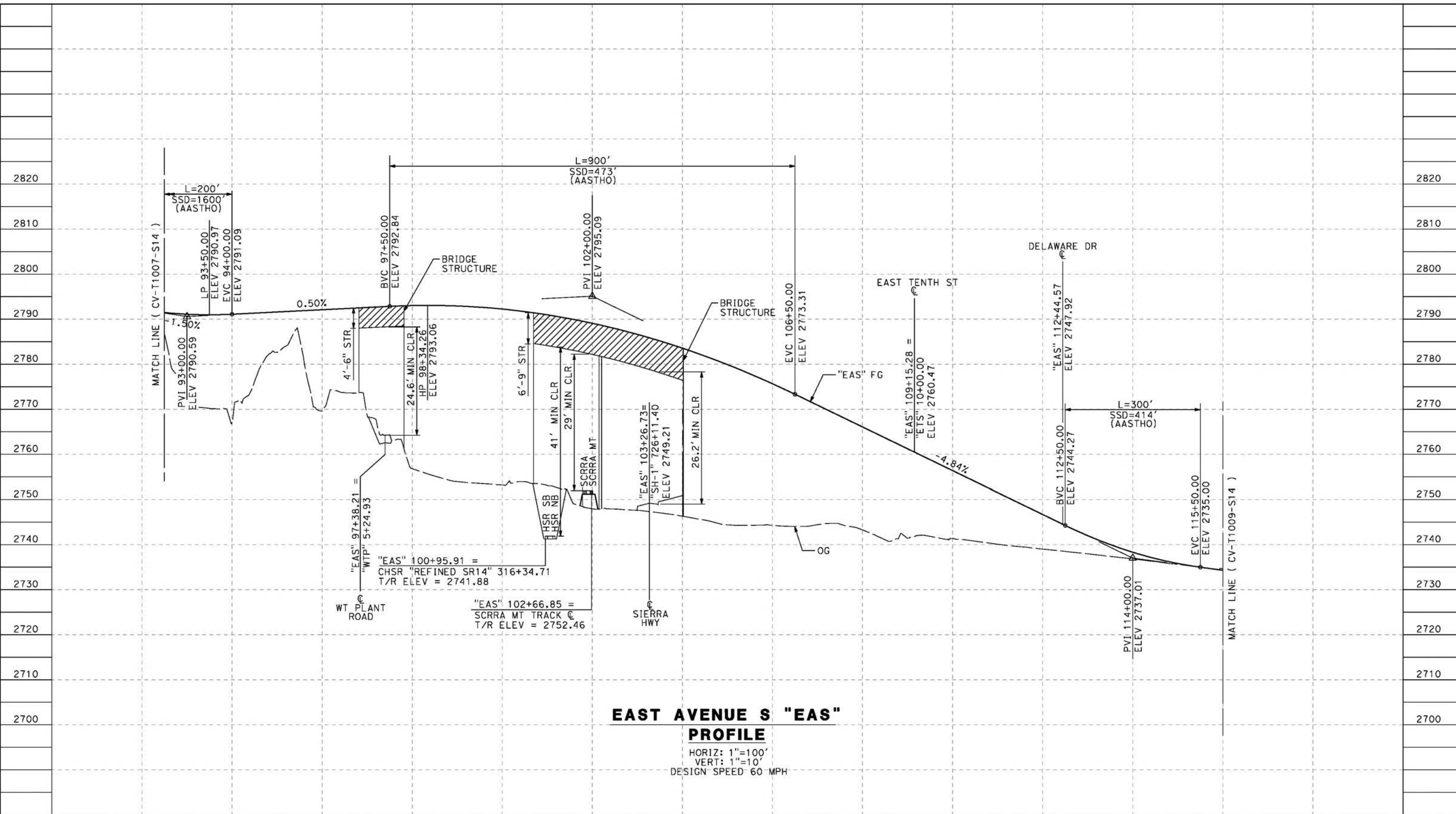
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-T1007-S14  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/23/2021 6:37:48 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	TOTAL
Exc														
Emb														

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

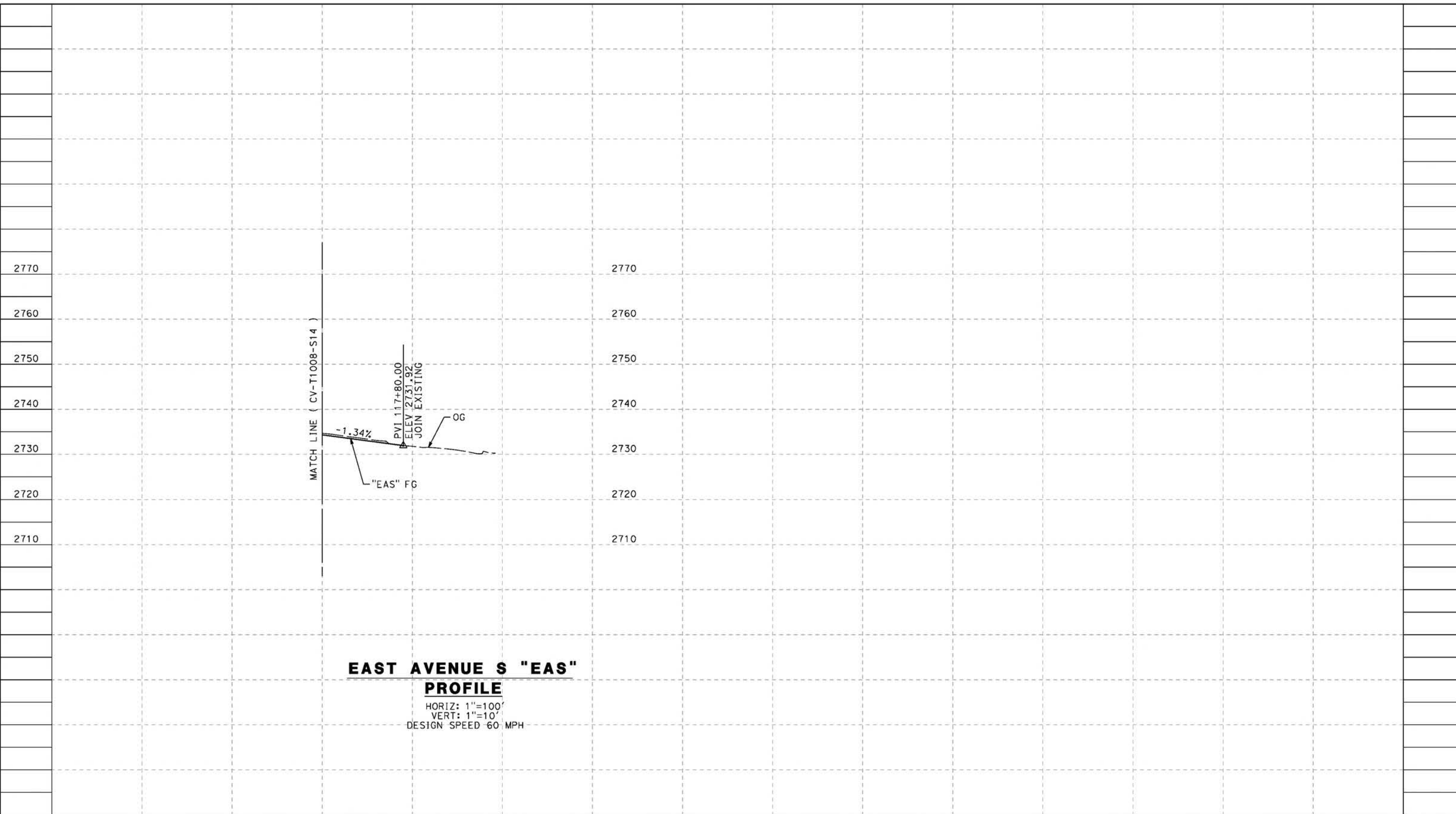
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-T1008-S14  
 SCALE  
AS SHOWN  
 SHEET NO.



cs:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalifa.cordoba\dms24258VPB-CV-T1009-S14.dgn

5/23/2021 6:38:01 PM

cordo



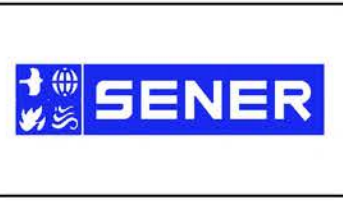
**EAST AVENUE S "EAS"**  
**PROFILE**  
 HORIZ: 1"=100'  
 VERT: 1"=10'  
 DESIGN SPEED 60 MPH

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**



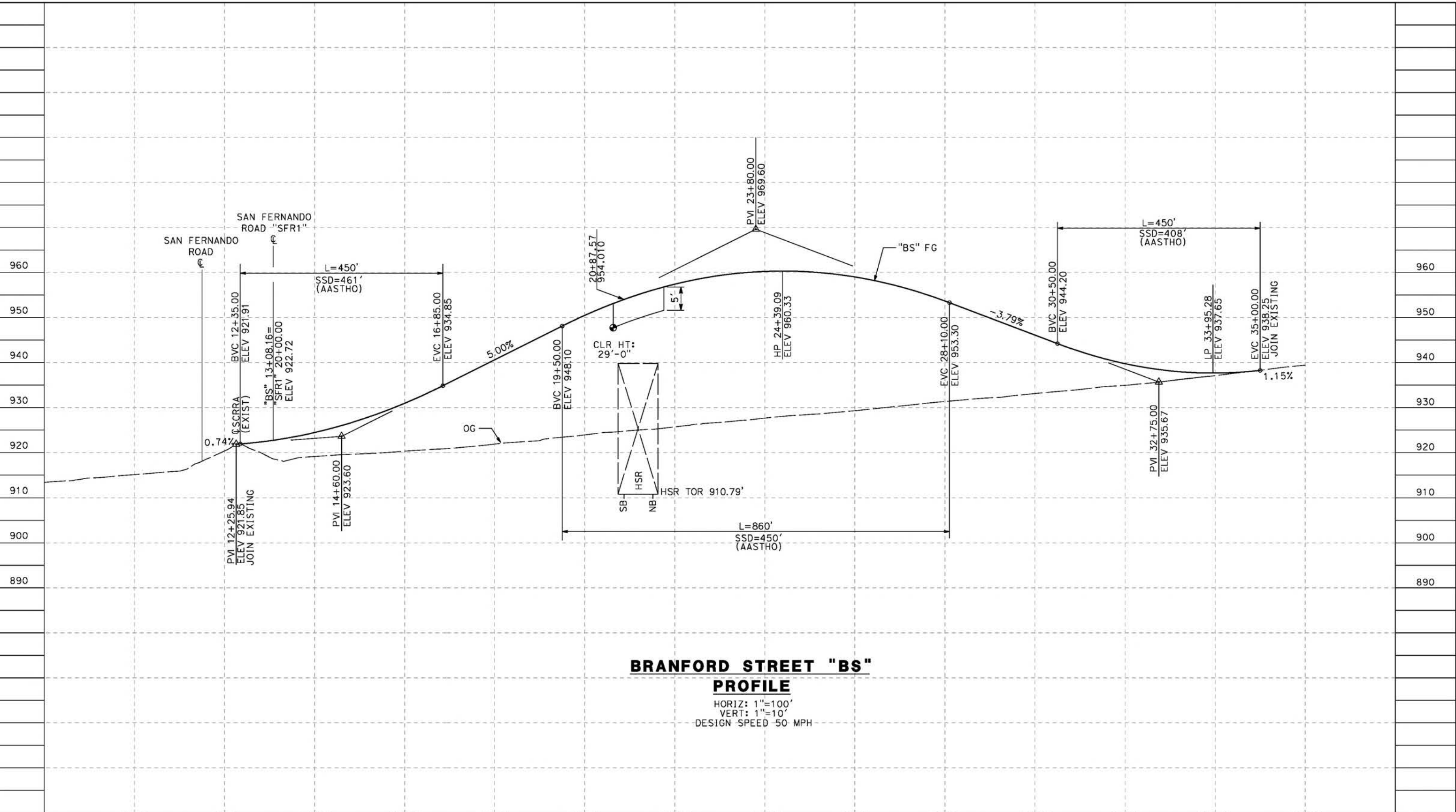
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 GRADE SEPARATION PROFILE  
 EAST AVENUE S  
 SHEET 3 OF 3

CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-T1009-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

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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	32+00	34+00	36+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"  
 GRADE SEPARATION PROFILE  
 BRANFORD STREET

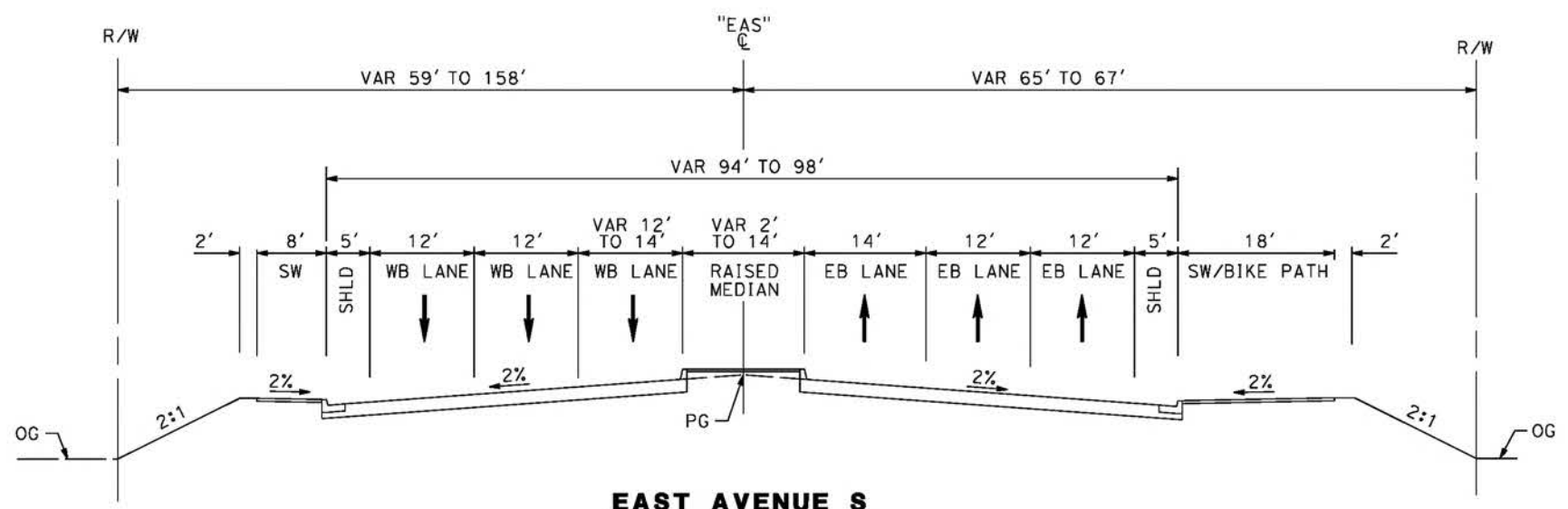
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-T1015-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

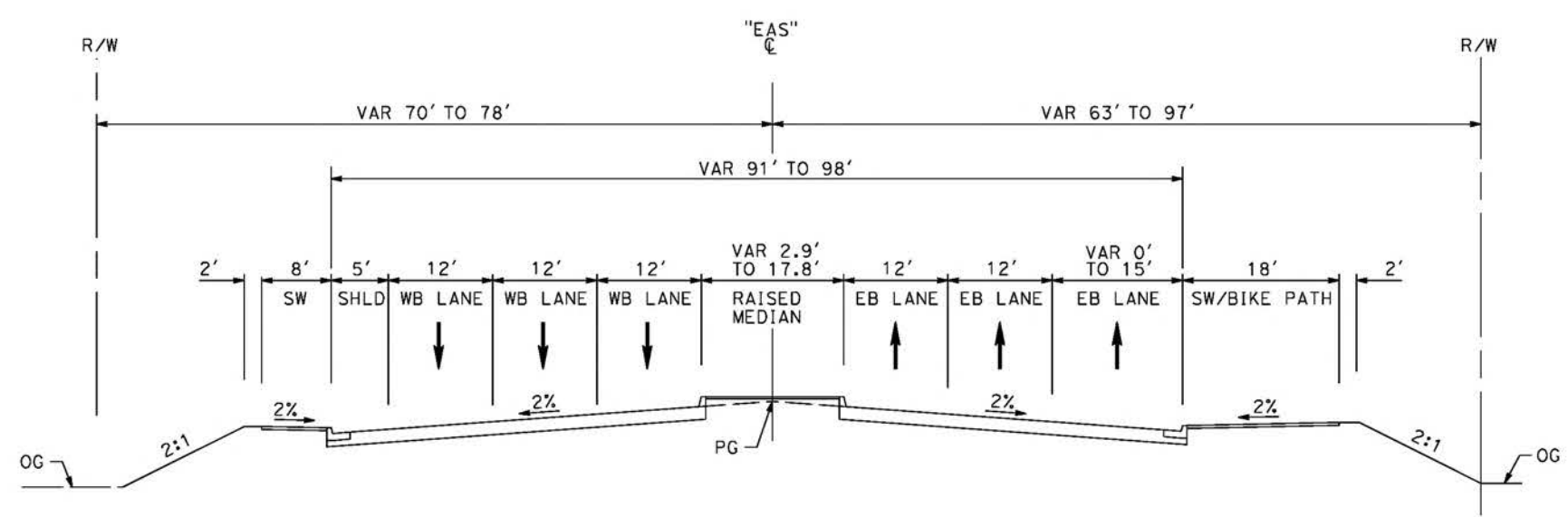
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5/2/2021 7:39:51 PM

cordo



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

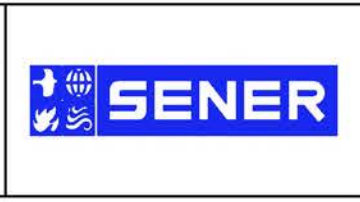


**EAST AVENUE S**  
 STA 83+84 TO STA 90+00  
 MAJOR ARTERIAL  
 PER CITY OF PALMDALE GENERAL PLAN

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**



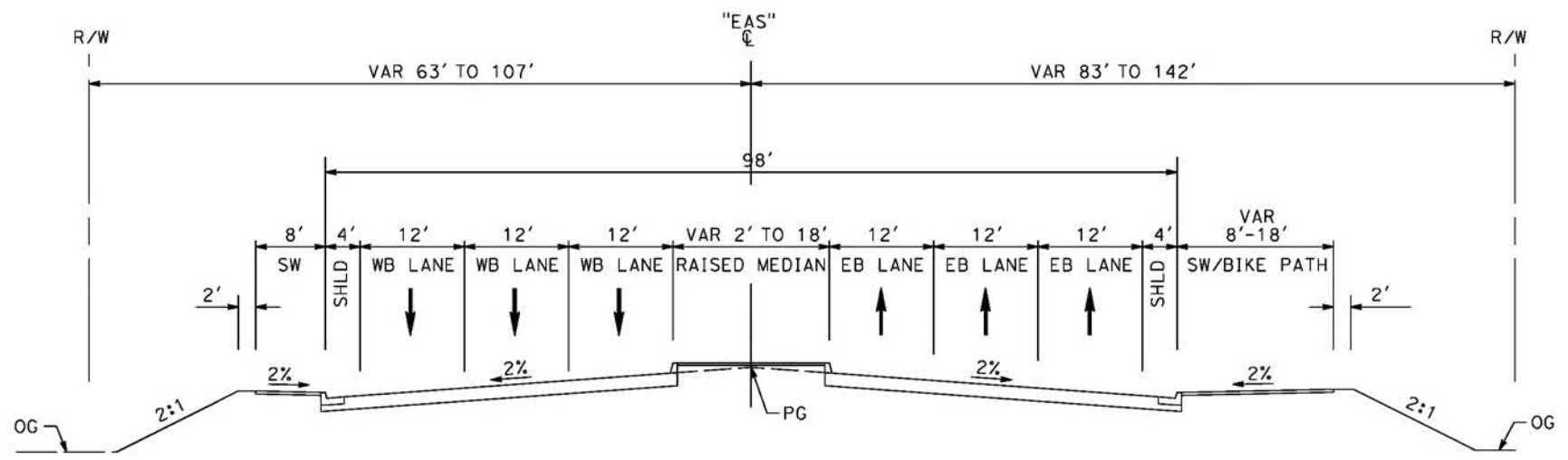
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 EAST AVENUE S  
 SHEET 1 OF 2

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

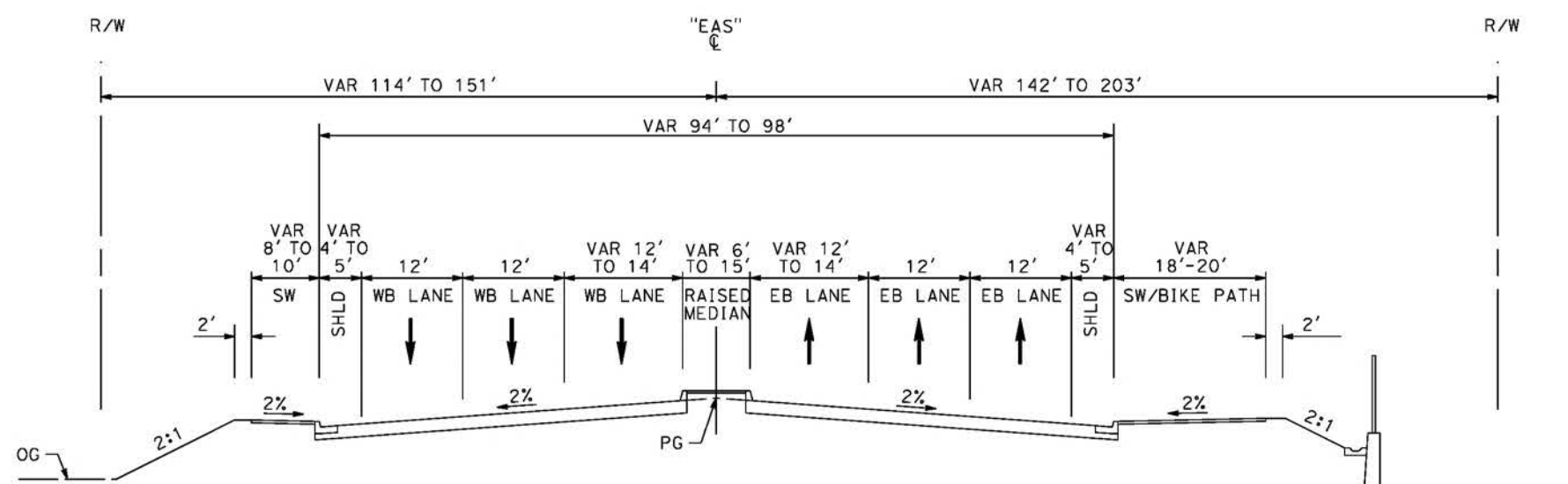
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5/2/2021 7:43:22 PM

cordo



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

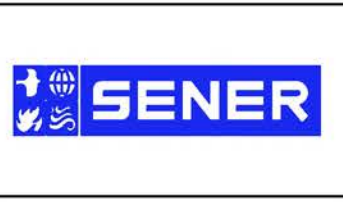


**EAST AVENUE S**  
 STA 104+00 TO STA 109+12  
 MAJOR ARTERIAL  
 PER CITY OF PALMDALE GENERAL PLAN

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**



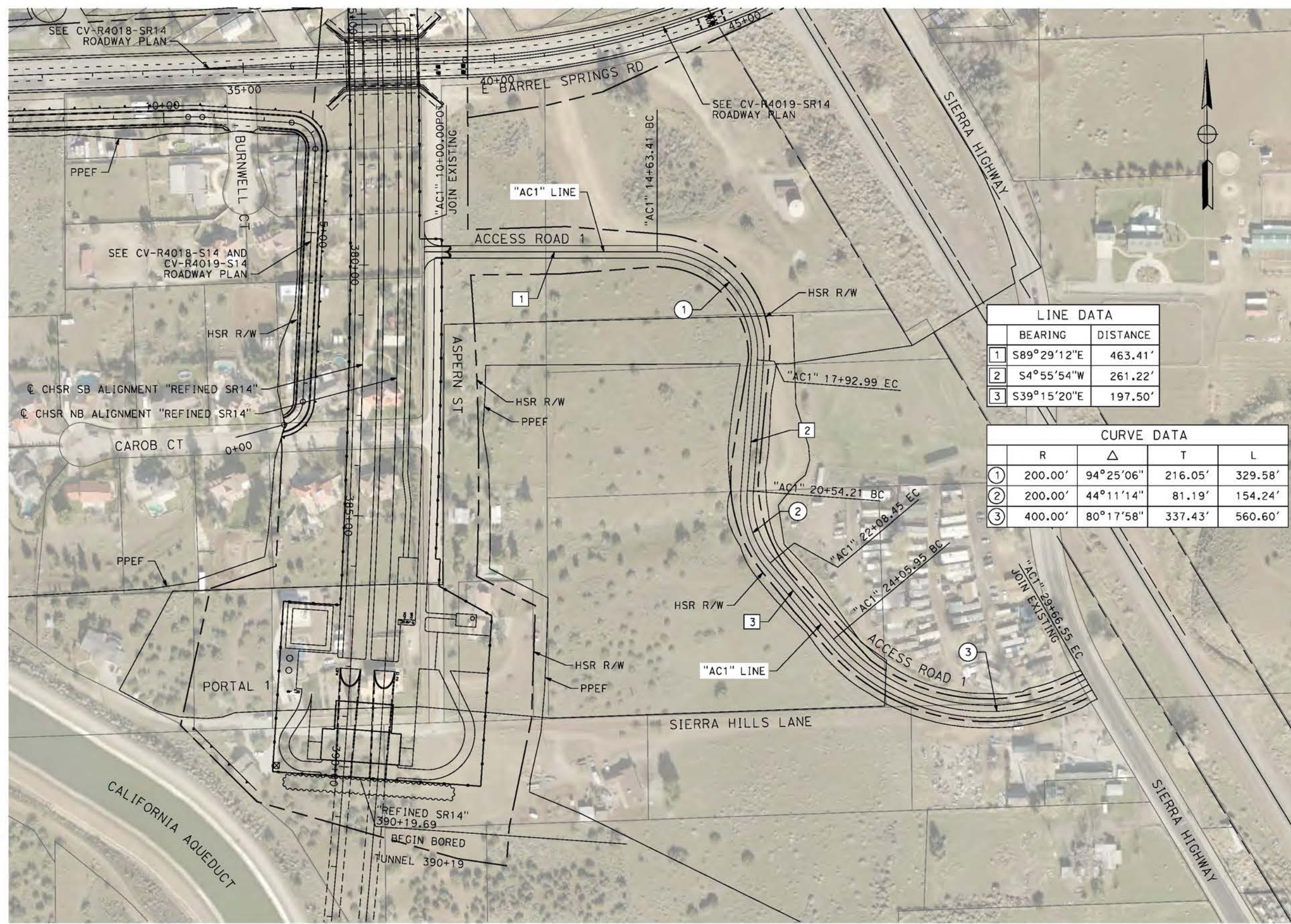
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 EAST AVENUE S  
 SHEET 2 OF 2

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

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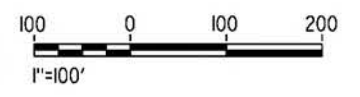
5/21/2021 12:30:19 AM

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'

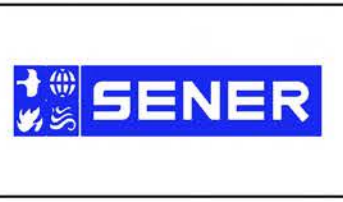
CURVE DATA				
	R	Δ	T	L
①	200.00'	94°25'06"	216.05'	329.58'
②	200.00'	44°11'14"	81.19'	154.24'
③	400.00'	80°17'58"	337.43'	560.60'



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**



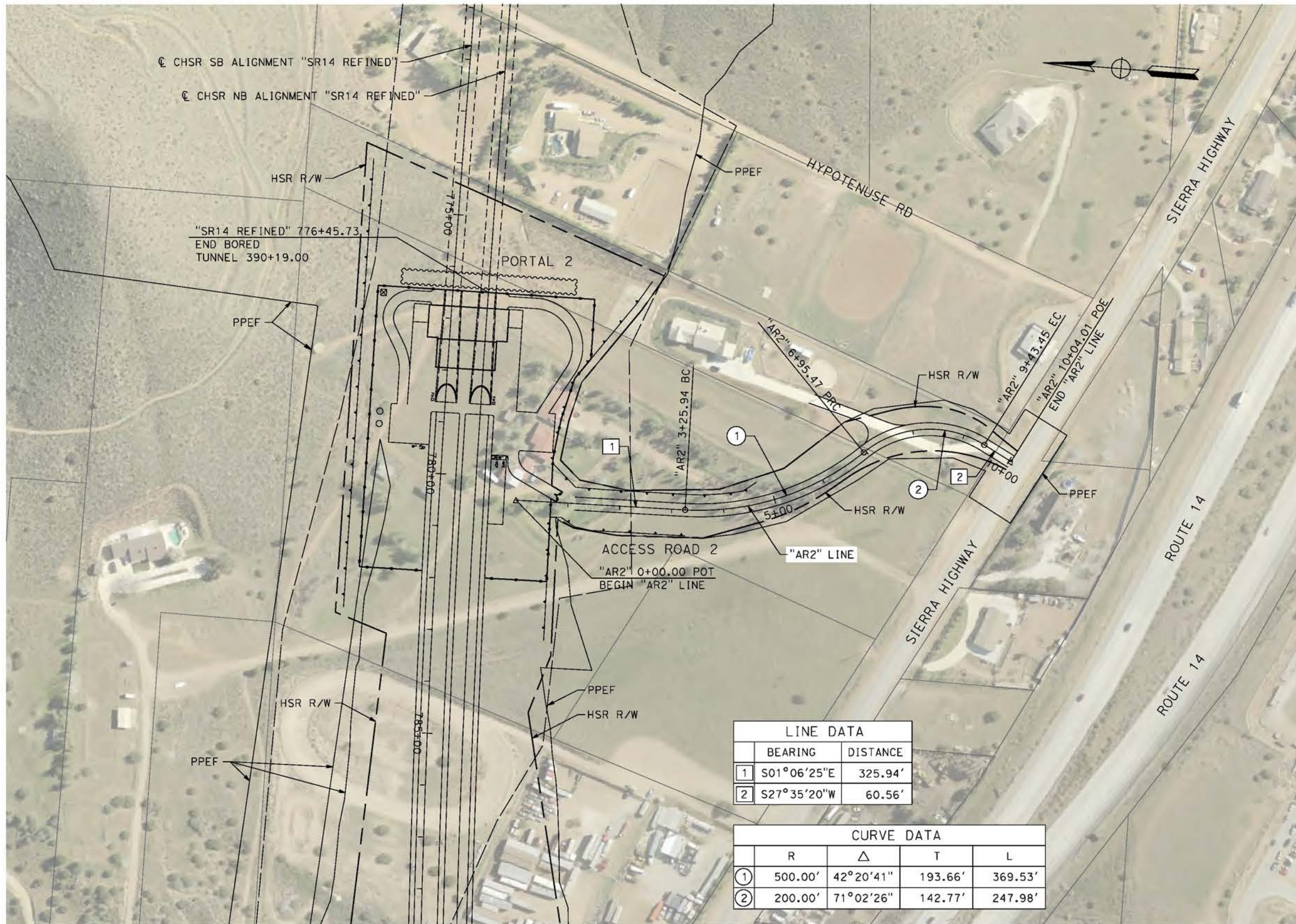
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 1

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

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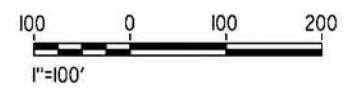
5/21/2021 12:34:04 AM

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**



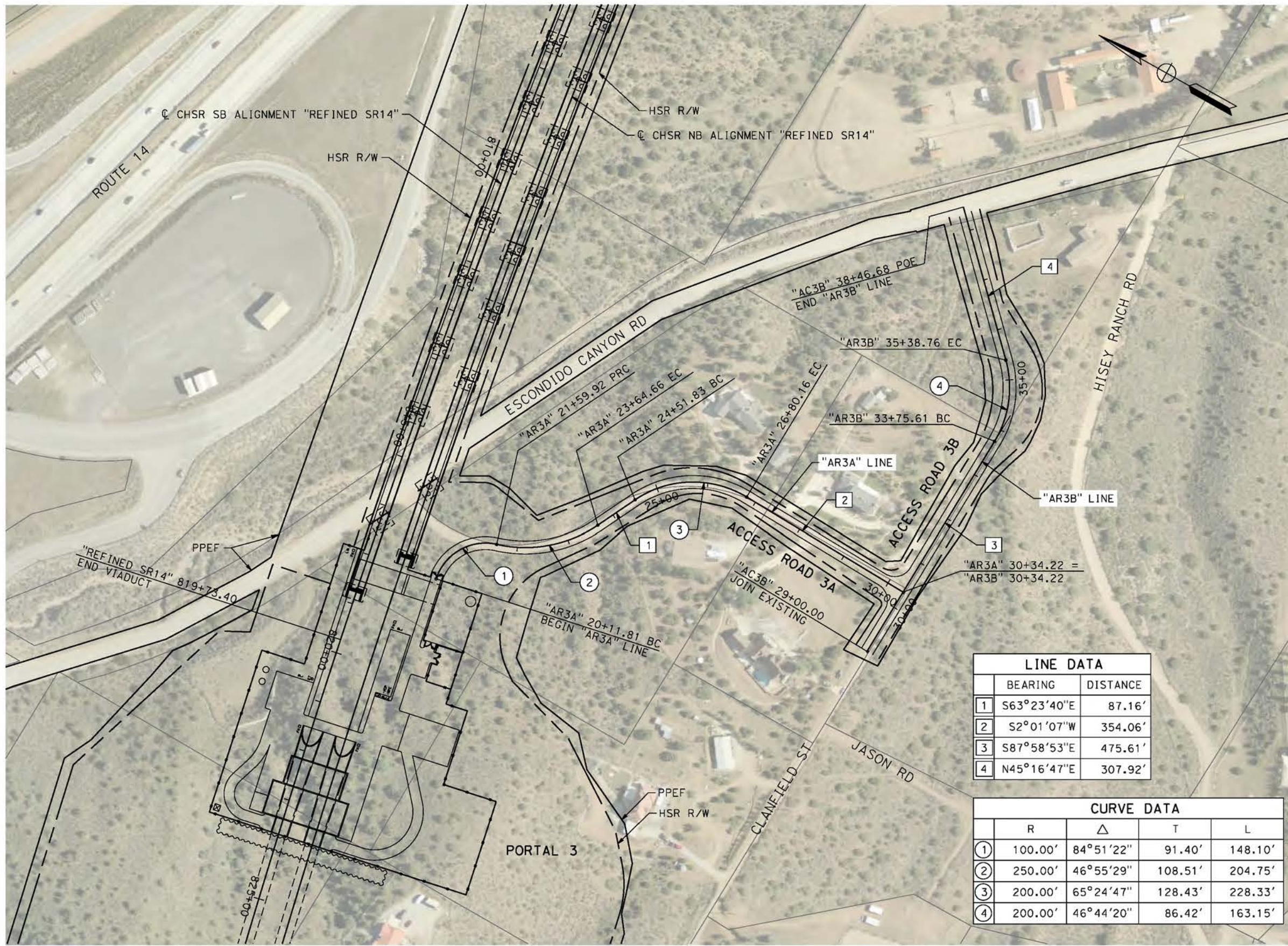
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 2

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

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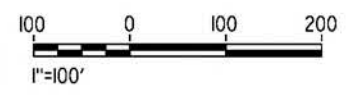
5/2/2021 10:11:44 PM

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'

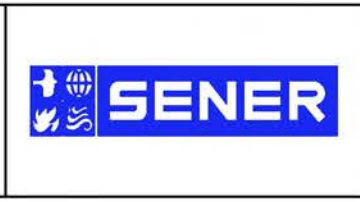
CURVE DATA				
	R	Δ	T	L
①	100.00'	84°51'22"	91.40'	148.10'
②	250.00'	46°55'29"	108.51'	204.75'
③	200.00'	65°24'47"	128.43'	228.33'
④	200.00'	46°44'20"	86.42'	163.15'



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**



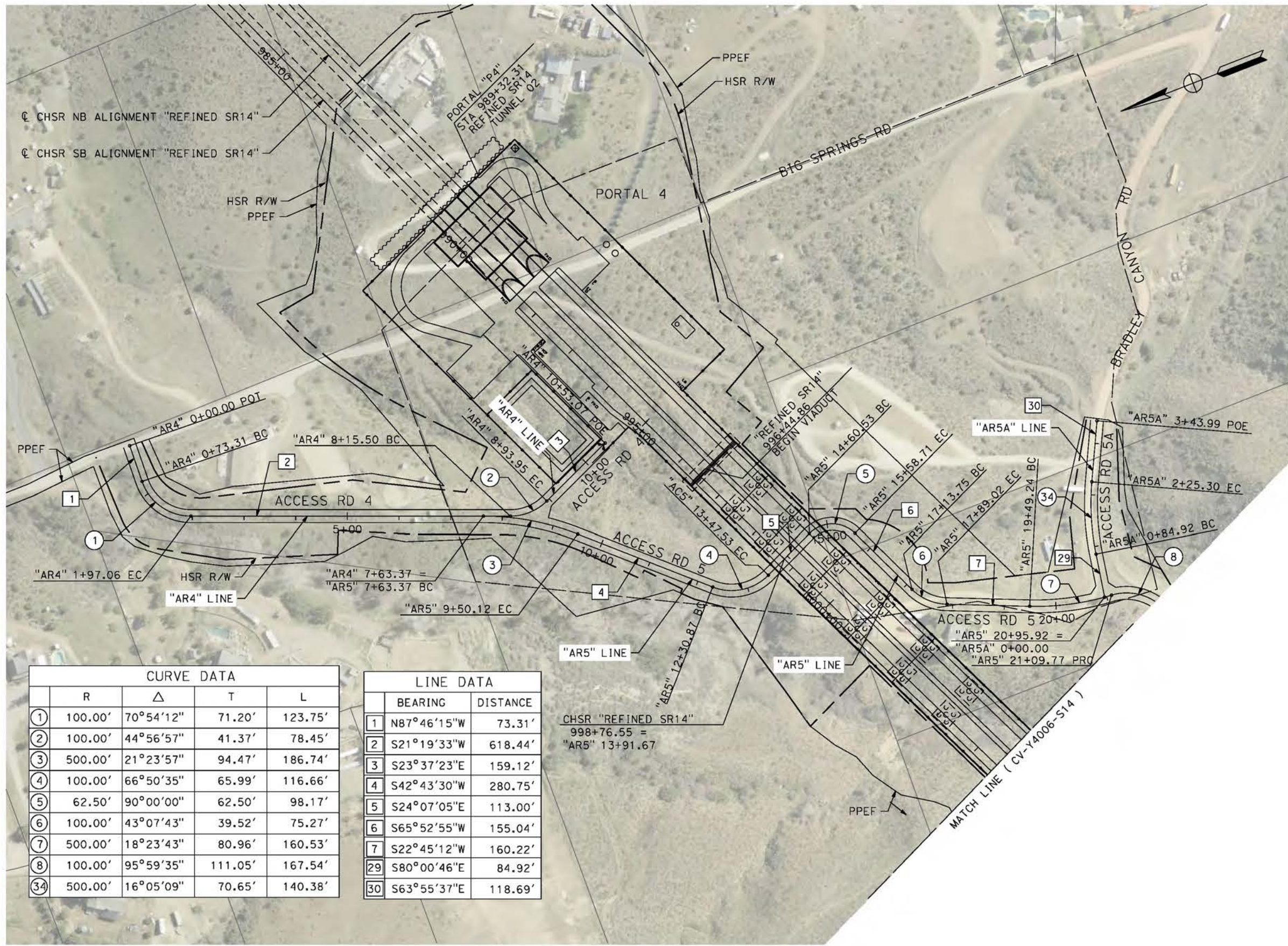
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 3A & 3B

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

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5/21/2021 12:45:17 AM

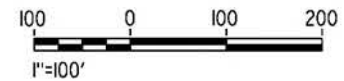
cordo



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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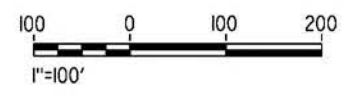
5/27/2021 8:02:35 AM

cordo



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**



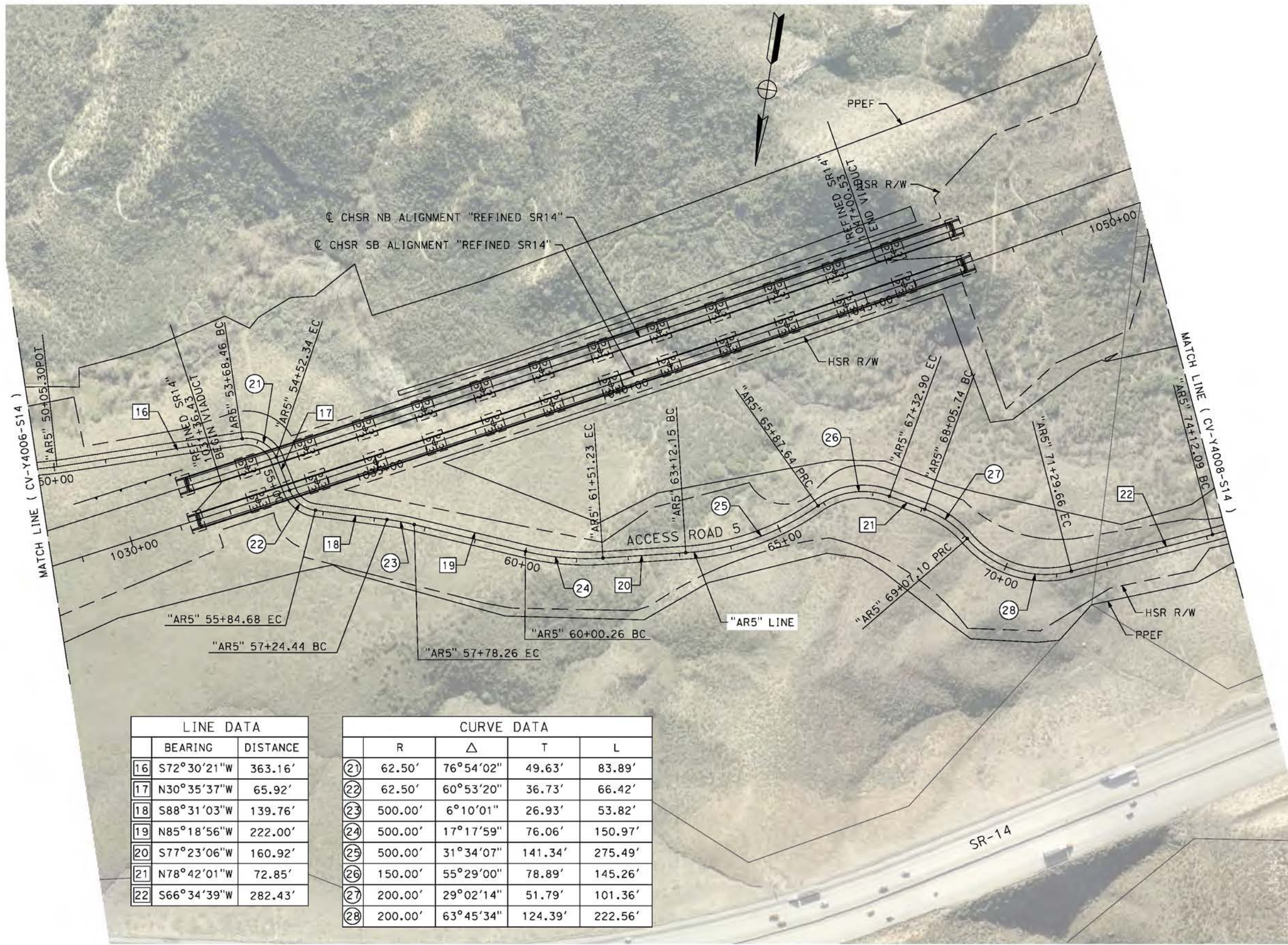
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 5  
SHEET 2 OF 4

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

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5/21/2021 12:37:28 AM

cordo



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**



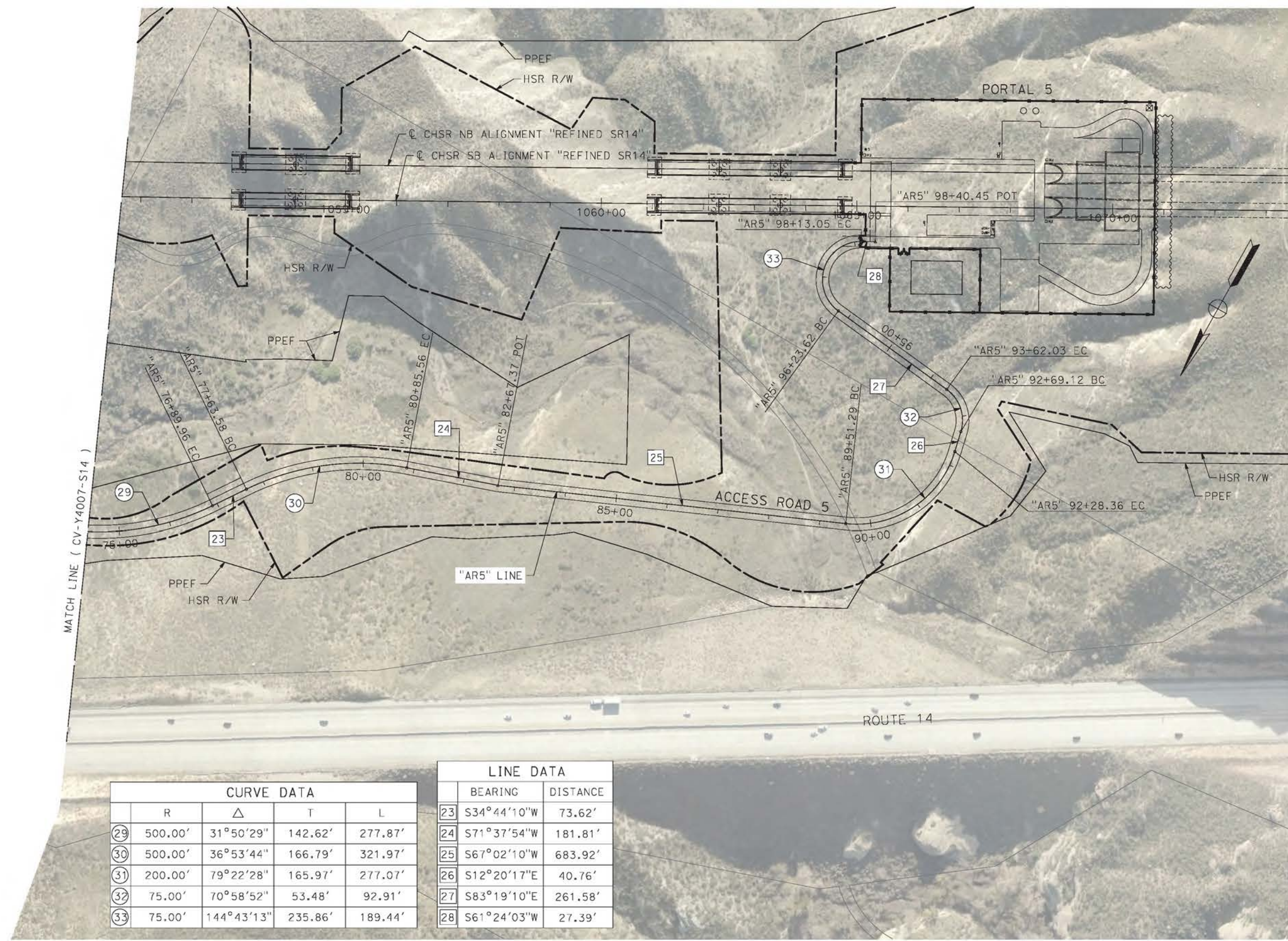
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 5  
SHEET 3 OF 4

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

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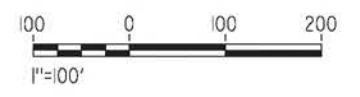
4/23/2021 8:54:21 PM

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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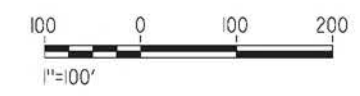
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corcdo



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'
⑭	200.00'	41°59'32"	76.76'	146.58'
⑮	200.00'	36°16'10"	65.50'	126.60'
⑯	200.00'	30°20'11"	54.22'	105.89'
⑰	60.00'	42°30'11"	23.33'	44.51'
⑱	60.00'	105°59'35"	79.61'	111.00'
⑲	60.00'	13°53'57"	7.31'	14.56'
⑳	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.

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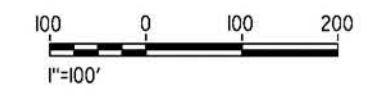
5/21/2021 12:48:18 AM

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**



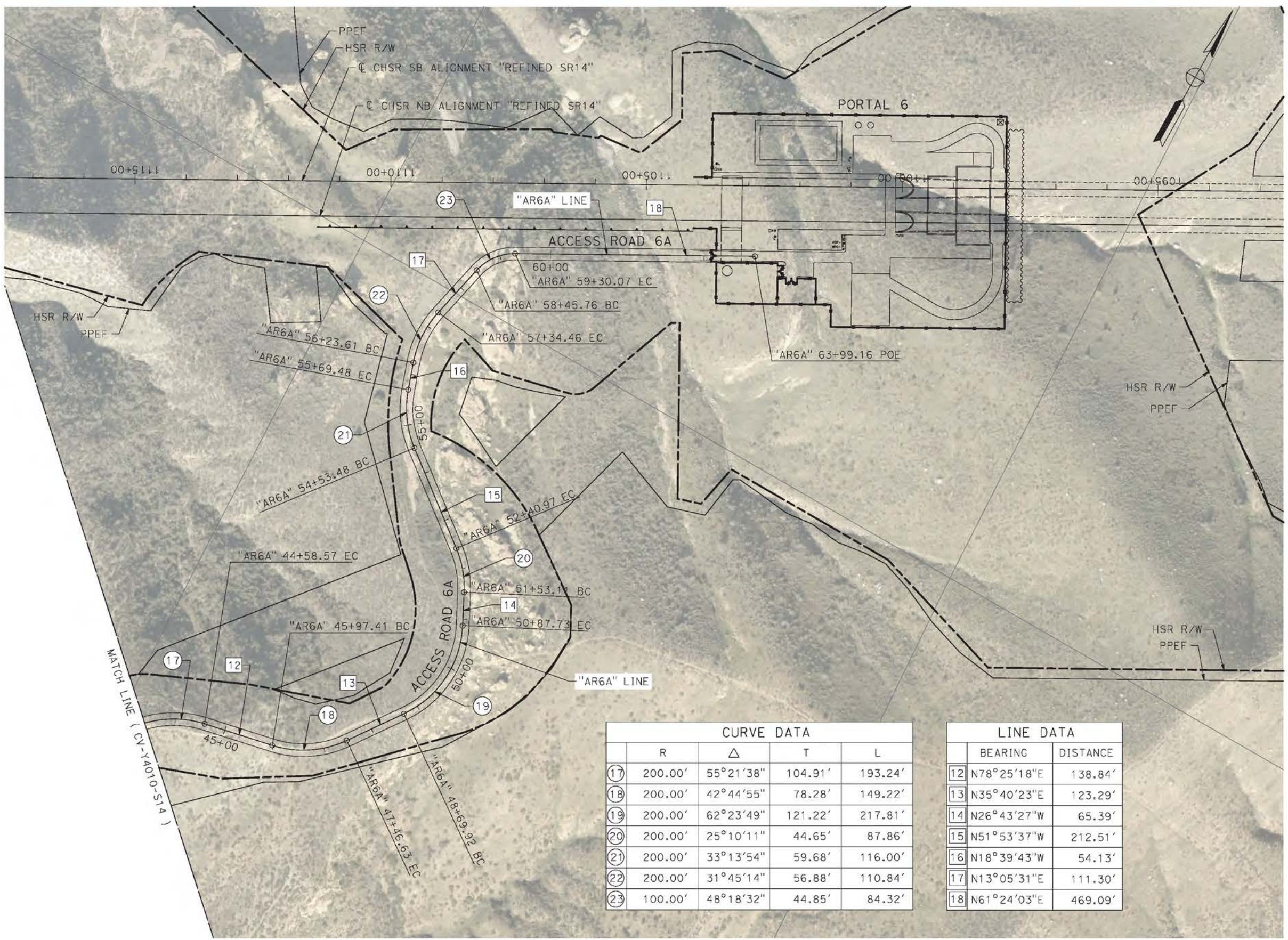
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 6A  
SHEET 2 OF 3

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

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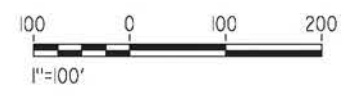
4/23/2021 9:23:12 PM

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'

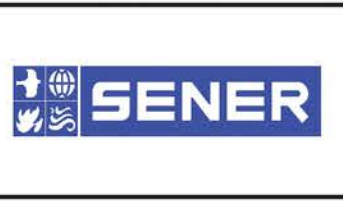
LINE DATA	
BEARING	DISTANCE
12	N78°25'18"E 138.84'
13	N35°40'23"E 123.29'
14	N26°43'27"W 65.39'
15	N51°53'37"W 212.51'
16	N18°39'43"W 54.13'
17	N13°05'31"E 111.30'
18	N61°24'03"E 469.09'



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**



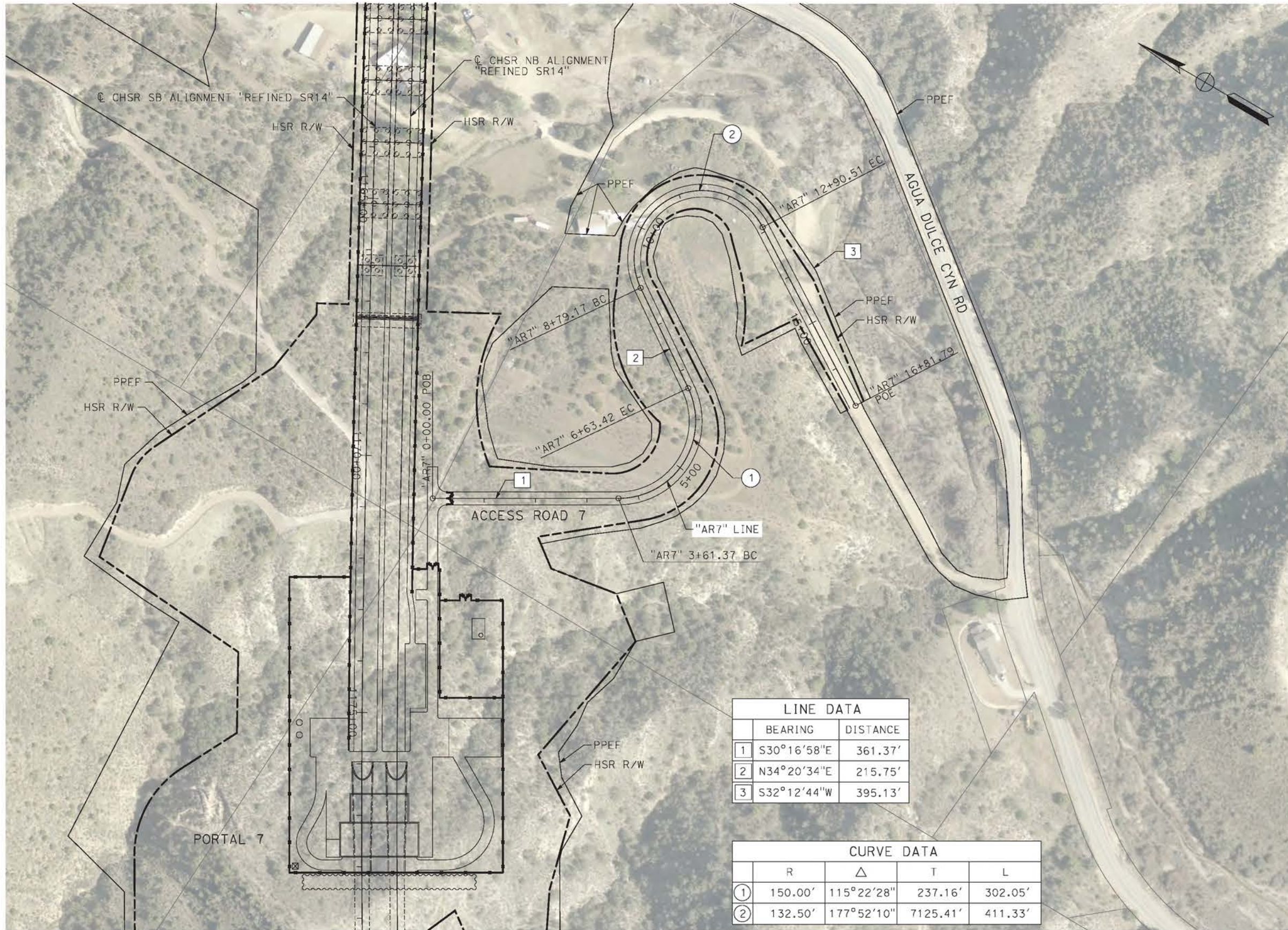
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 6A  
SHEET 3 OF 3

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

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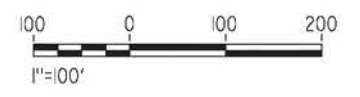
4/23/2021 9:35:11 PM

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**



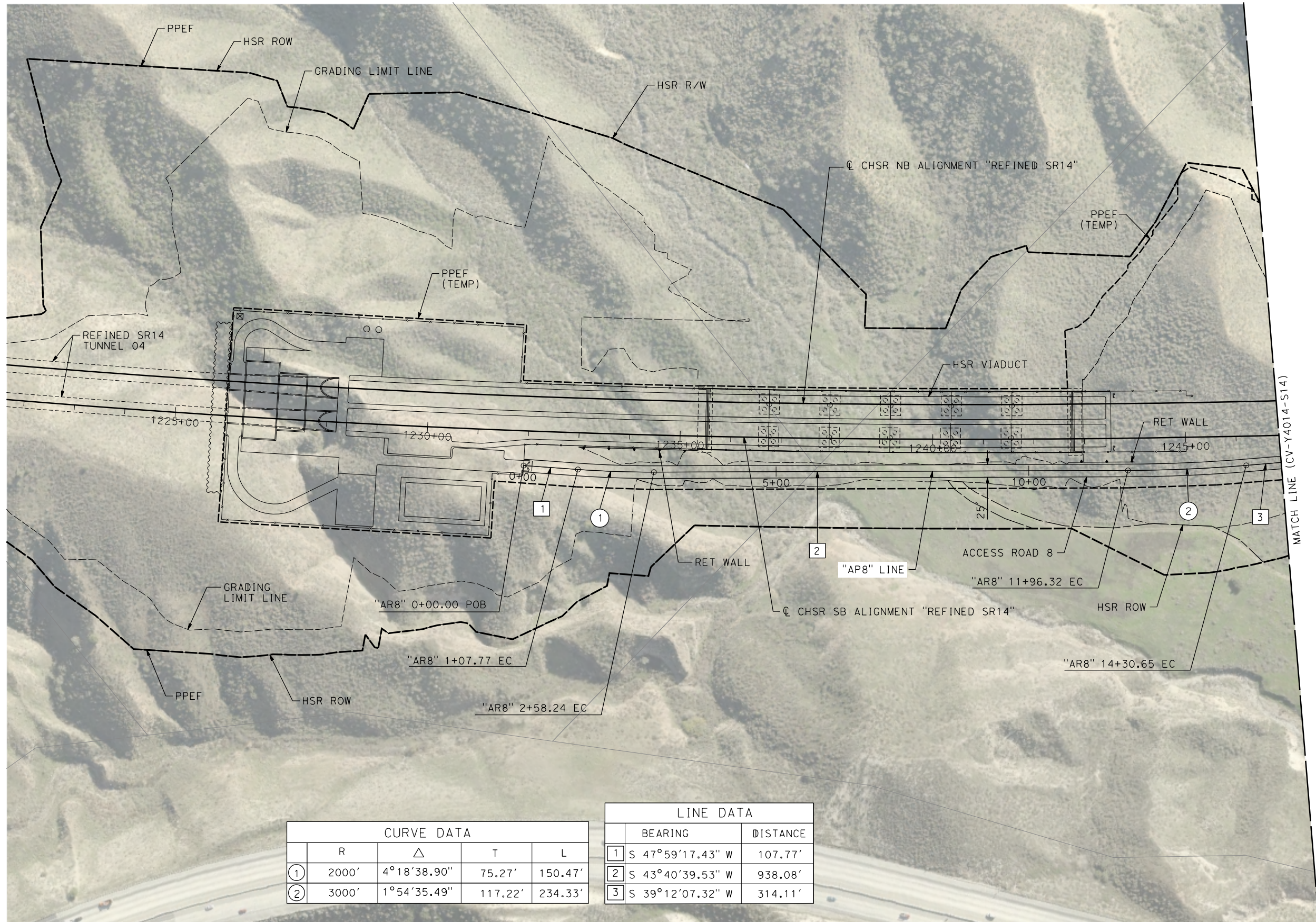
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 7

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

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04Z0008



CURVE DATA				
	R	$\Delta$	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

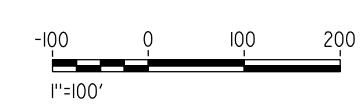
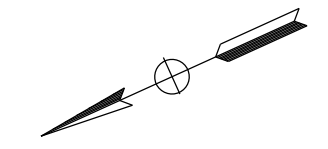
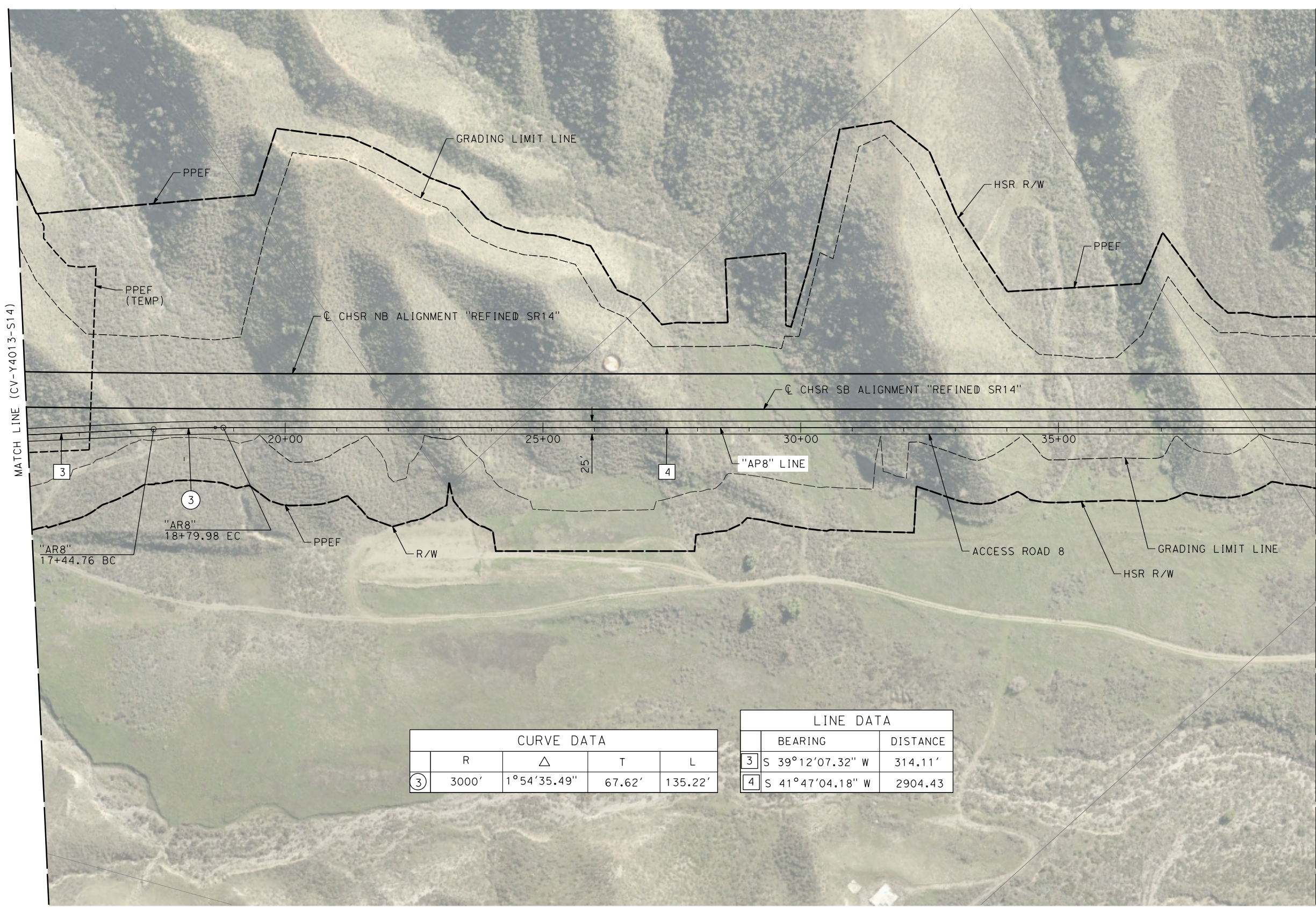
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-Y4013-S14  
SCALE  
AS SHOWN  
SHEET NO.



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04Z0008



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

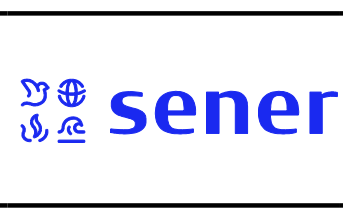
LINE DATA		
	BEARING	DISTANCE
③	S 39°12'07.32" W	314.11'
④	S 41°47'04.18" W	2904.43

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**

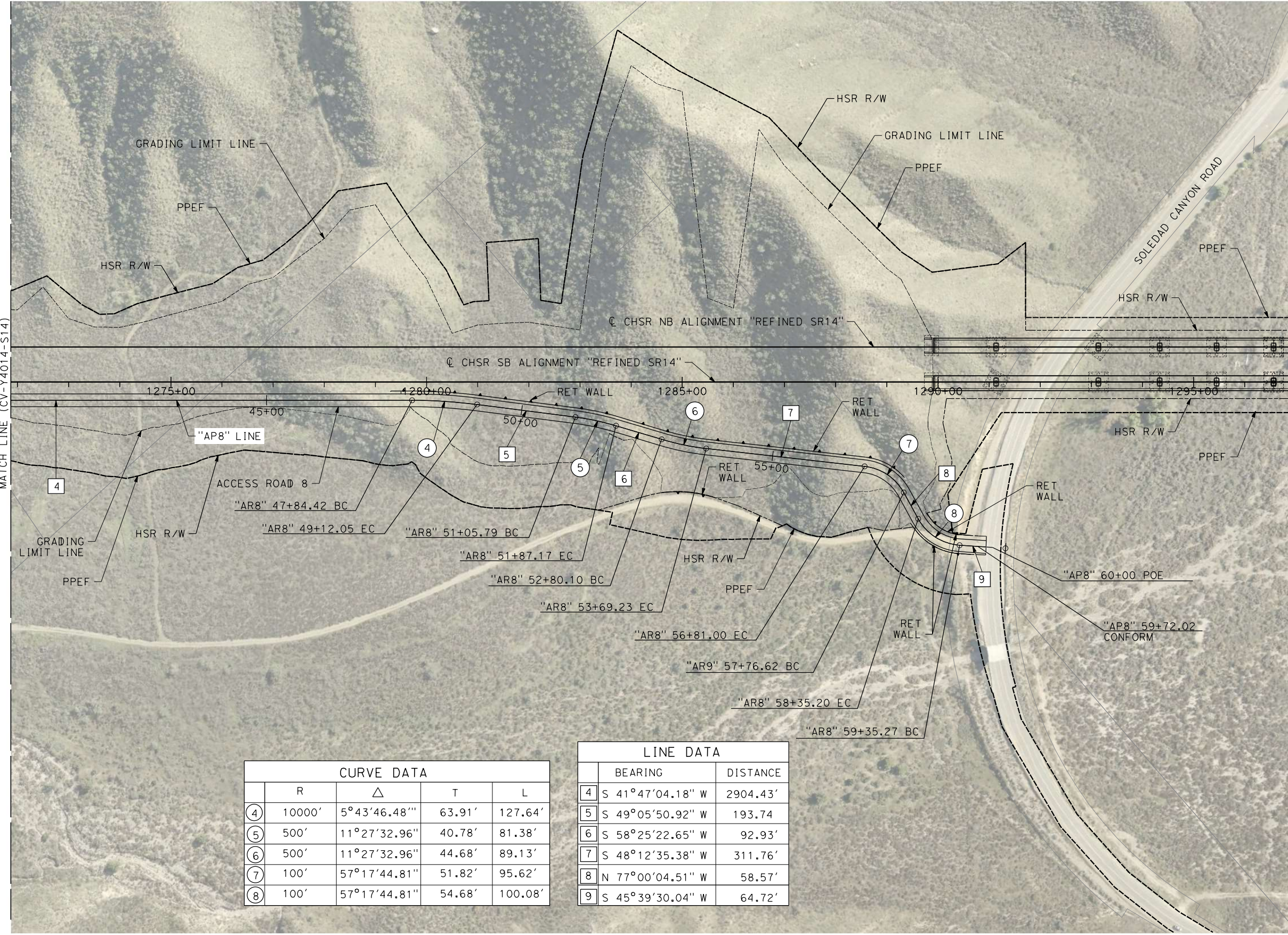
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 8  
SHEET 2 OF 3

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

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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.

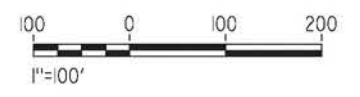
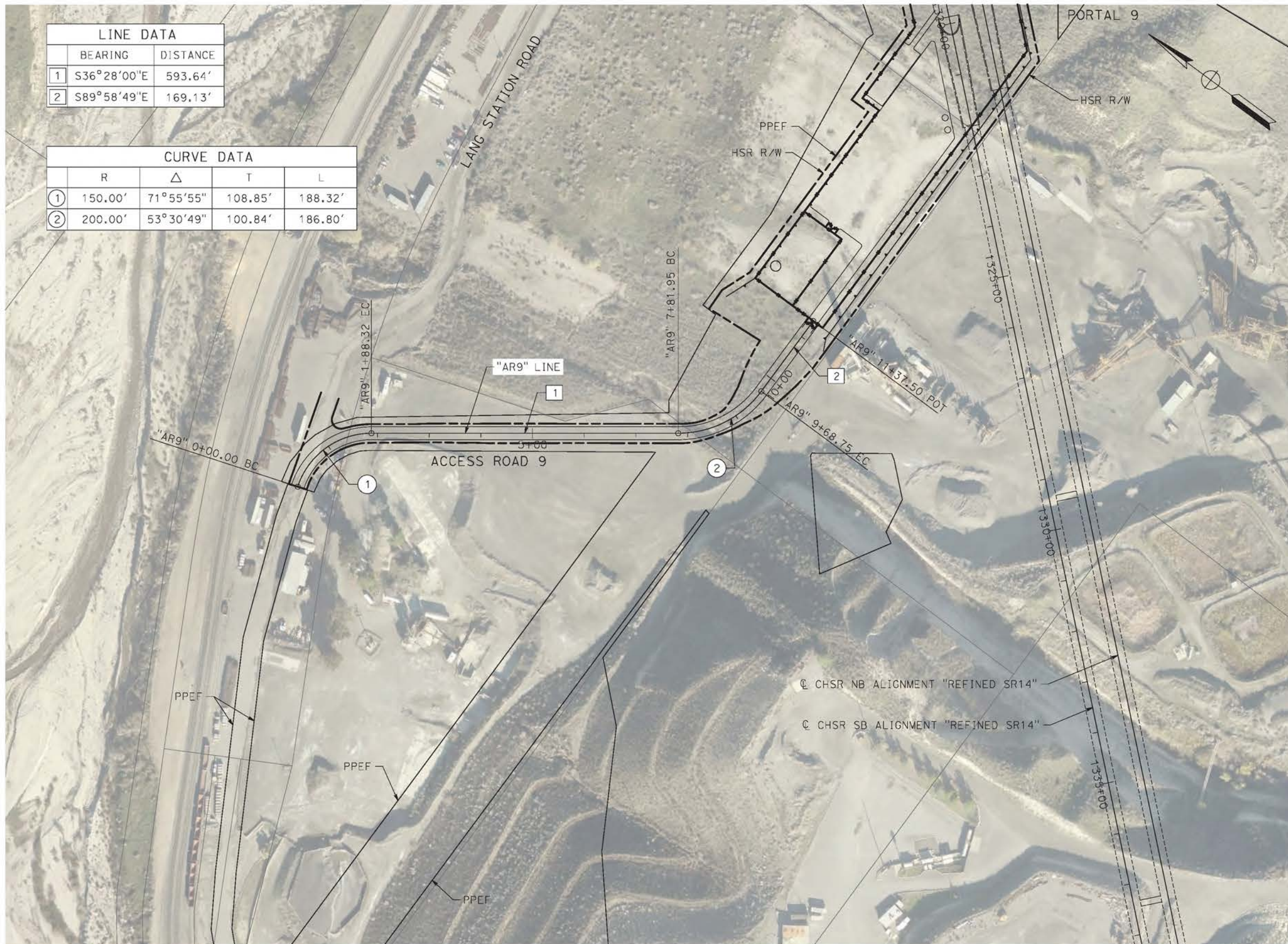
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4/23/2021 10:05:45 PM

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**



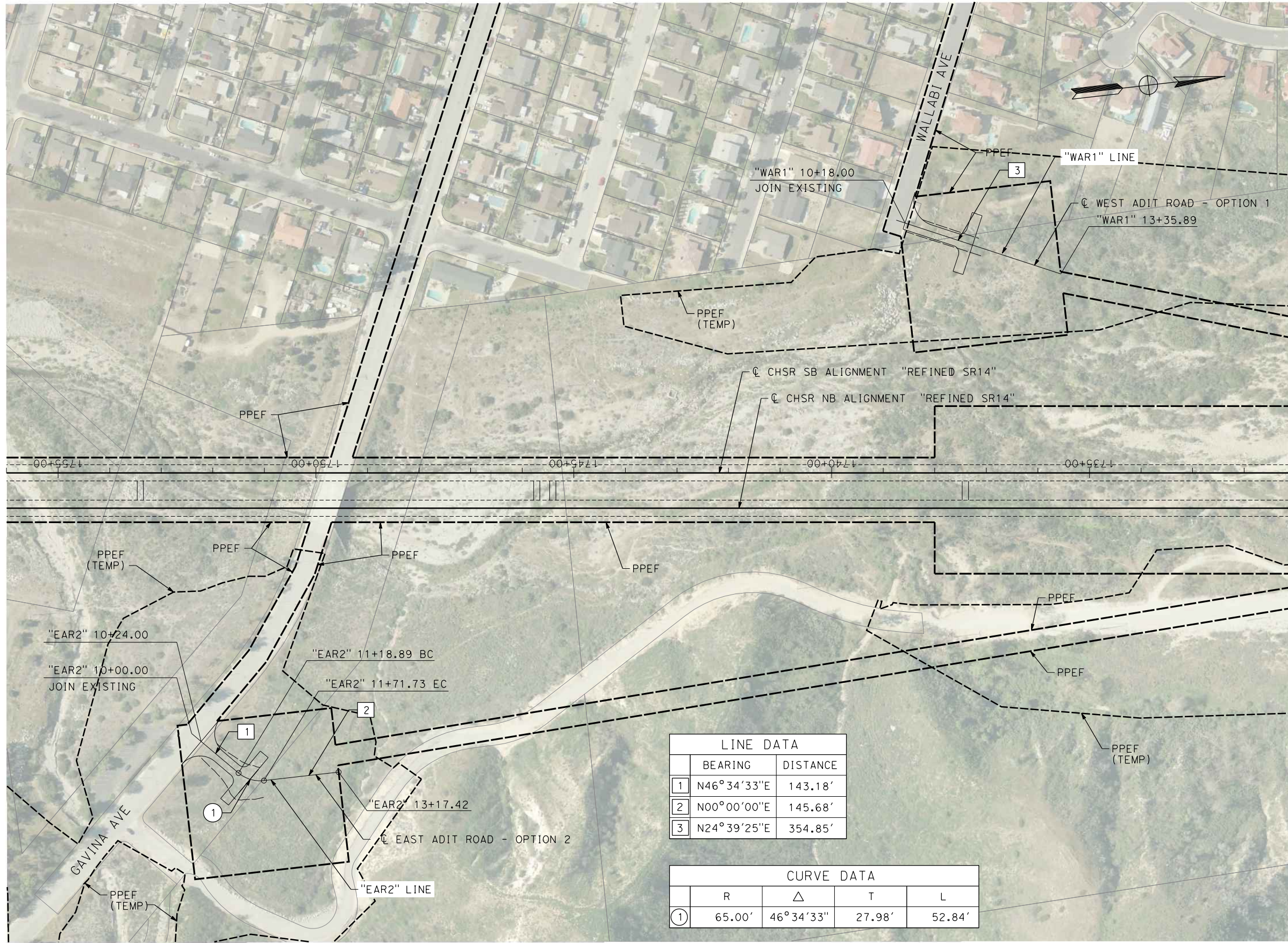
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 9

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**

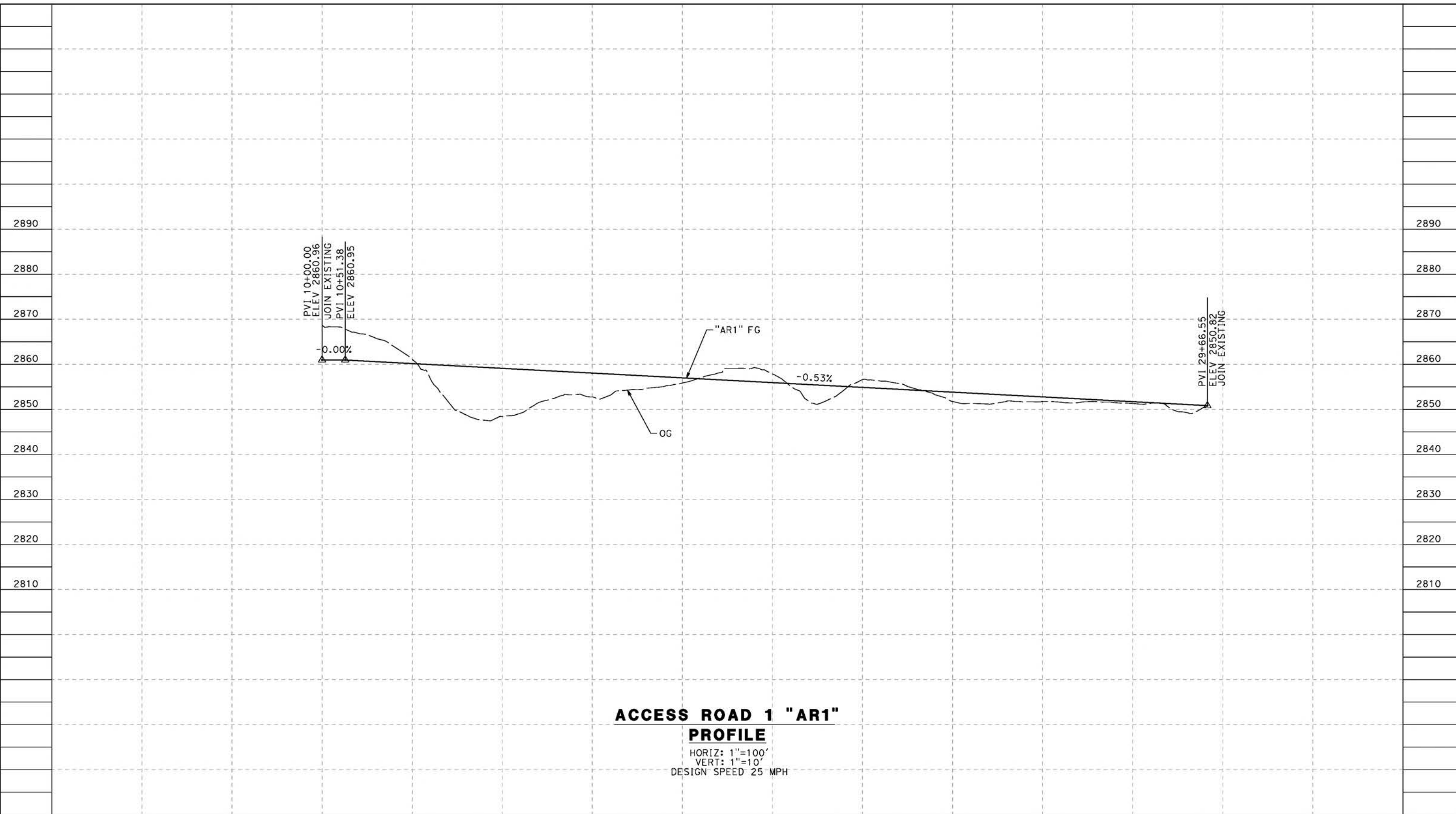
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
WEST AND EAST ADIT ROAD OPTION 1 AND OPTION 2

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

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\da\fa\cordoba\dms24258VPB-CV-Y1001-S14.dgn

5/23/2021 8:27:46 PM

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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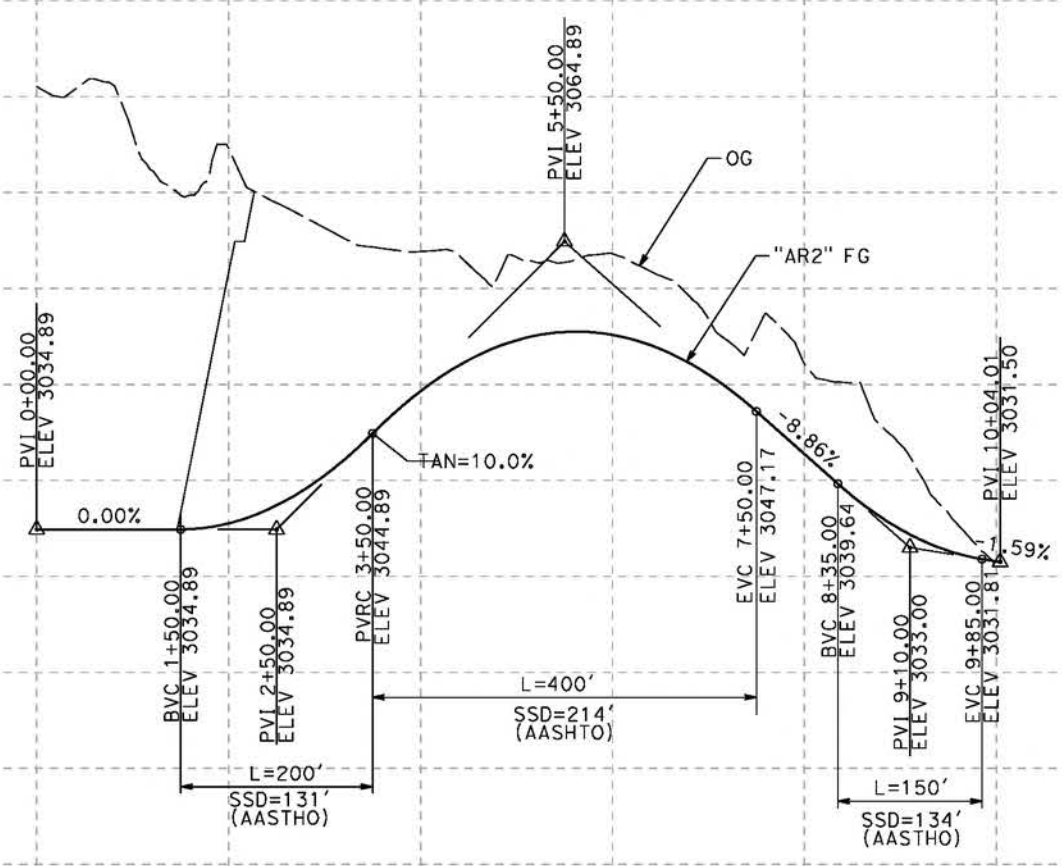
cordo

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

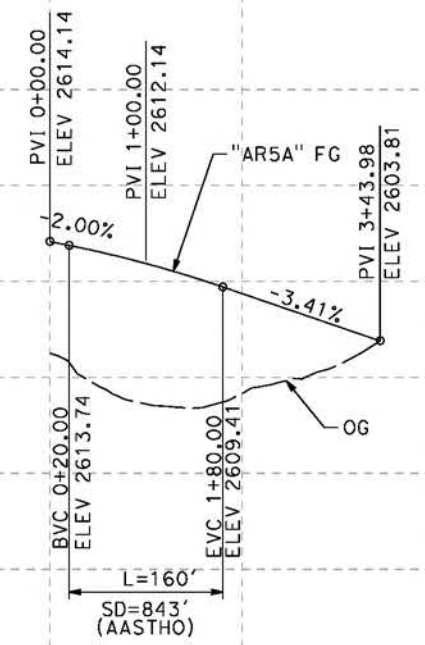
2630  
2620  
2610  
2600  
2590



**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

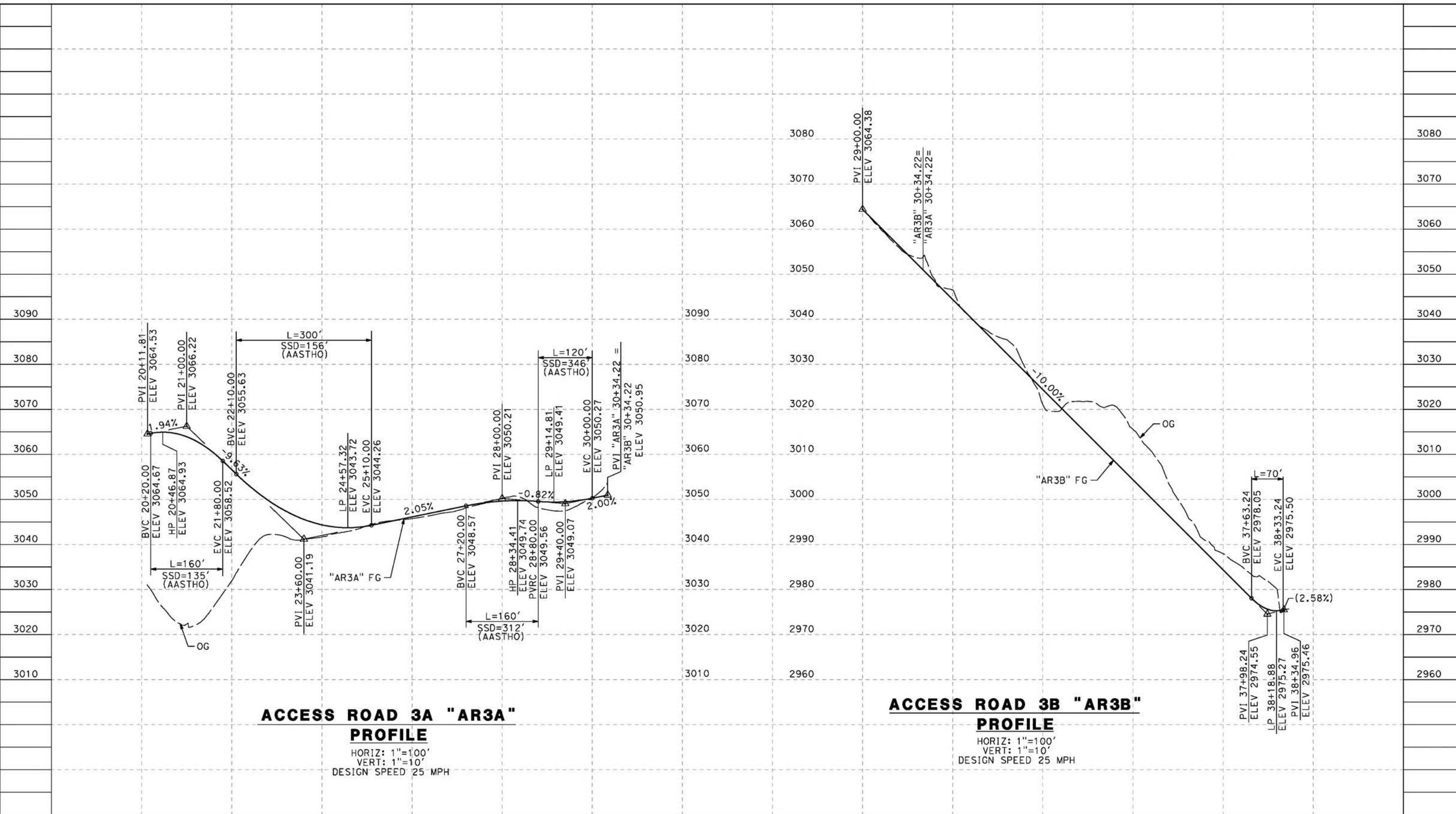
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-Y1002-S14  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/23/2021 8:33:53 PM

cordo



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

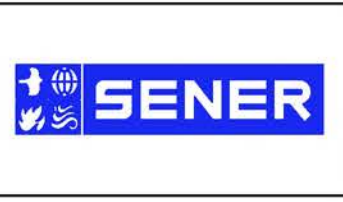
CHECKED BY  
W. GUO

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

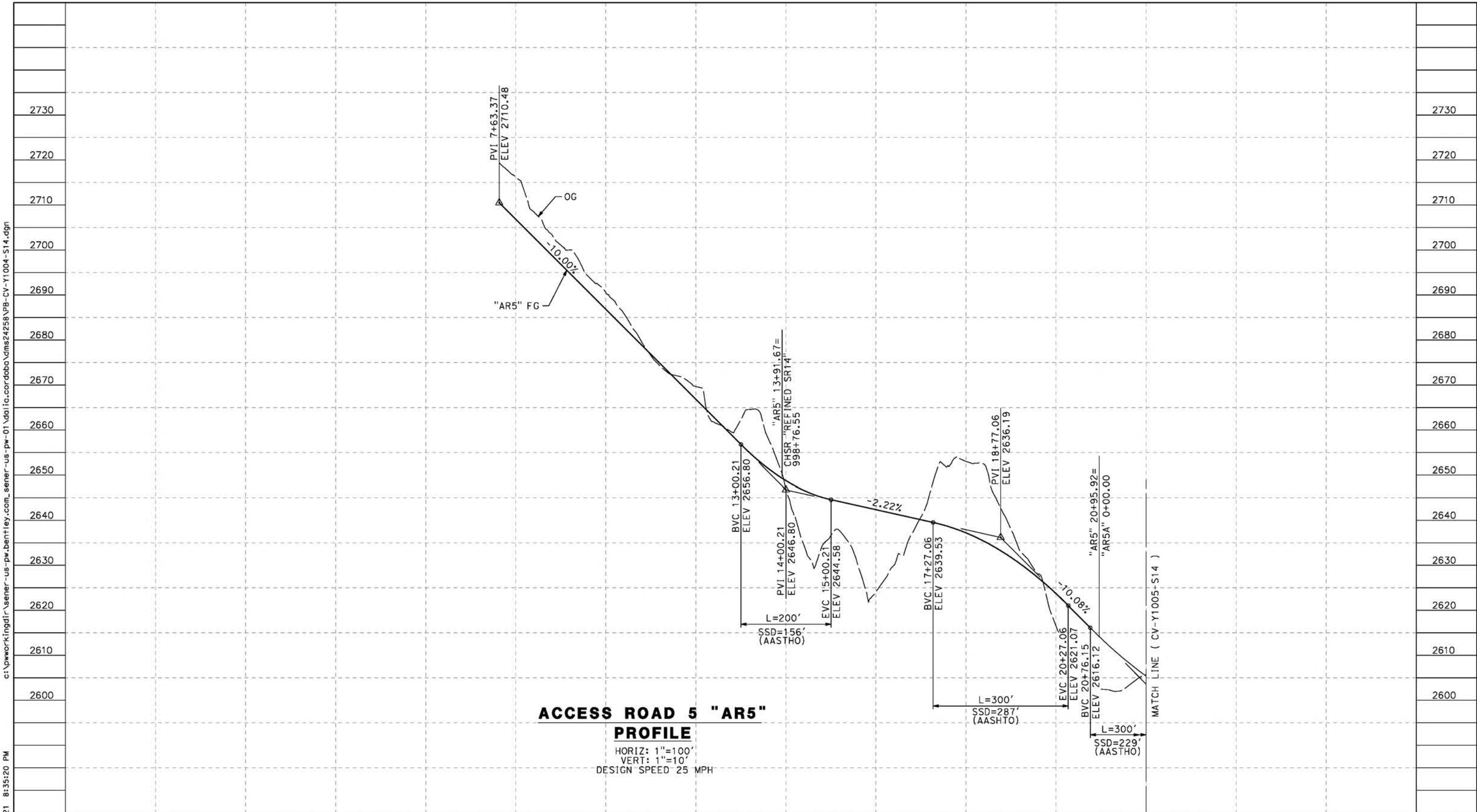
SCALE  
AS SHOWN

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												

DESIGNED BY  
J.C. ALAMILLA  
DRAWN BY  
A. SANZ  
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"  
ACCESS ROAD PROFILE  
ACCESS ROAD 5  
SHEET 1 OF 4

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

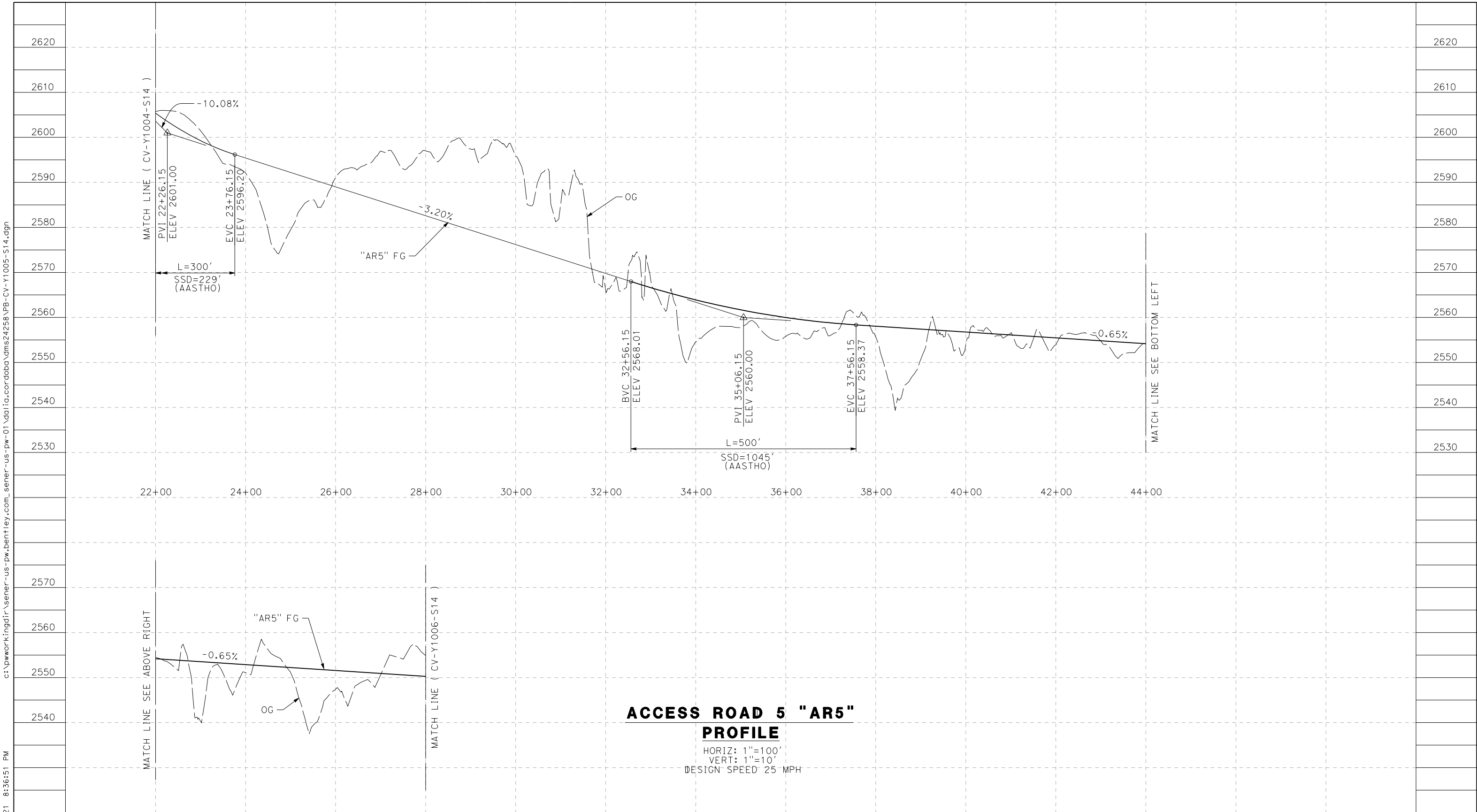
REV	DATE	BY	CHK	APP	DESCRIPTION



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cordo

cordo



**ACCESS ROAD 5 "AR5"  
PROFILE**

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

STATION	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**



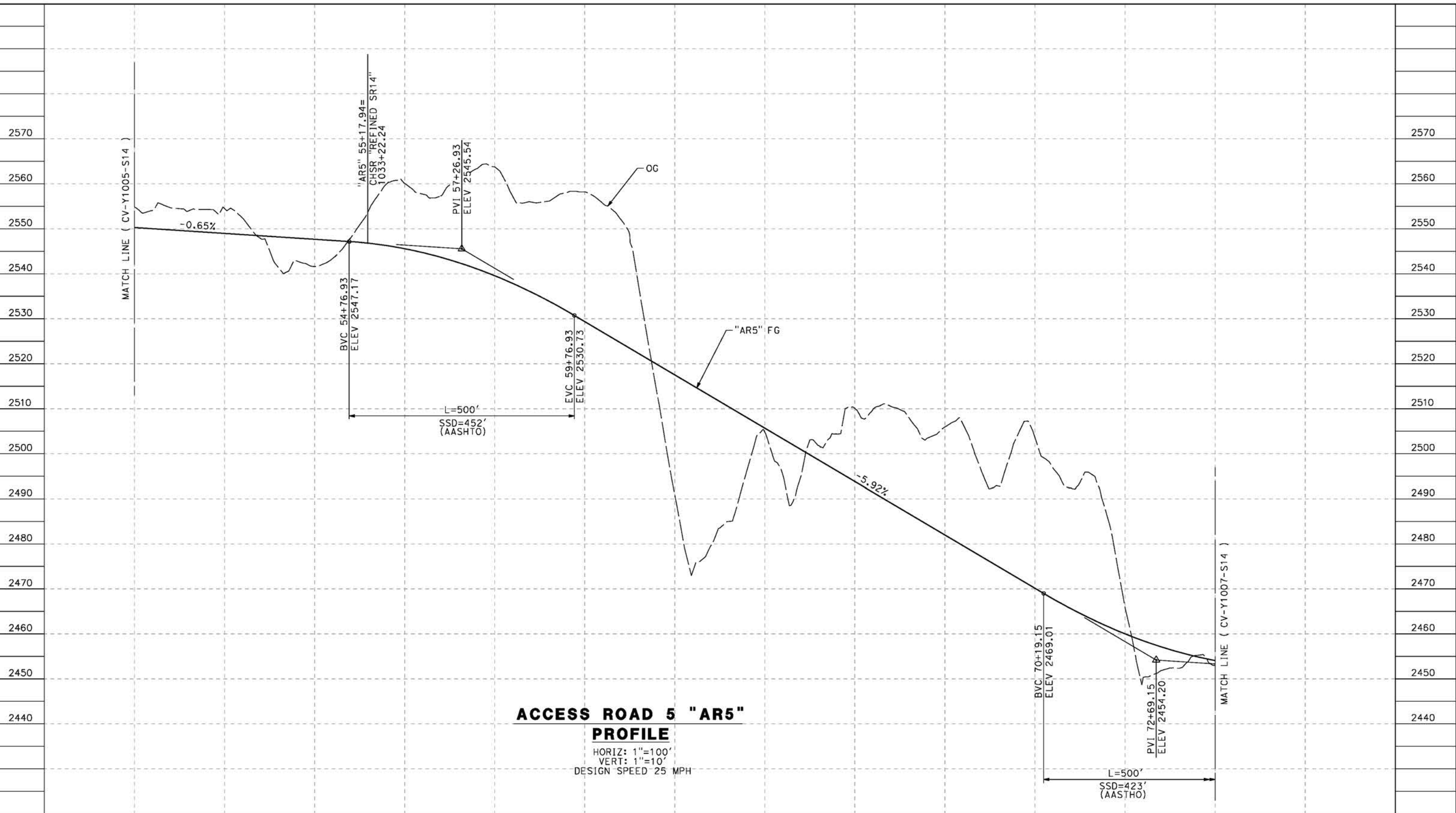
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PROFILE  
ACCESS ROAD 5  
SHEET 2 OF 4

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-Y1005-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													

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



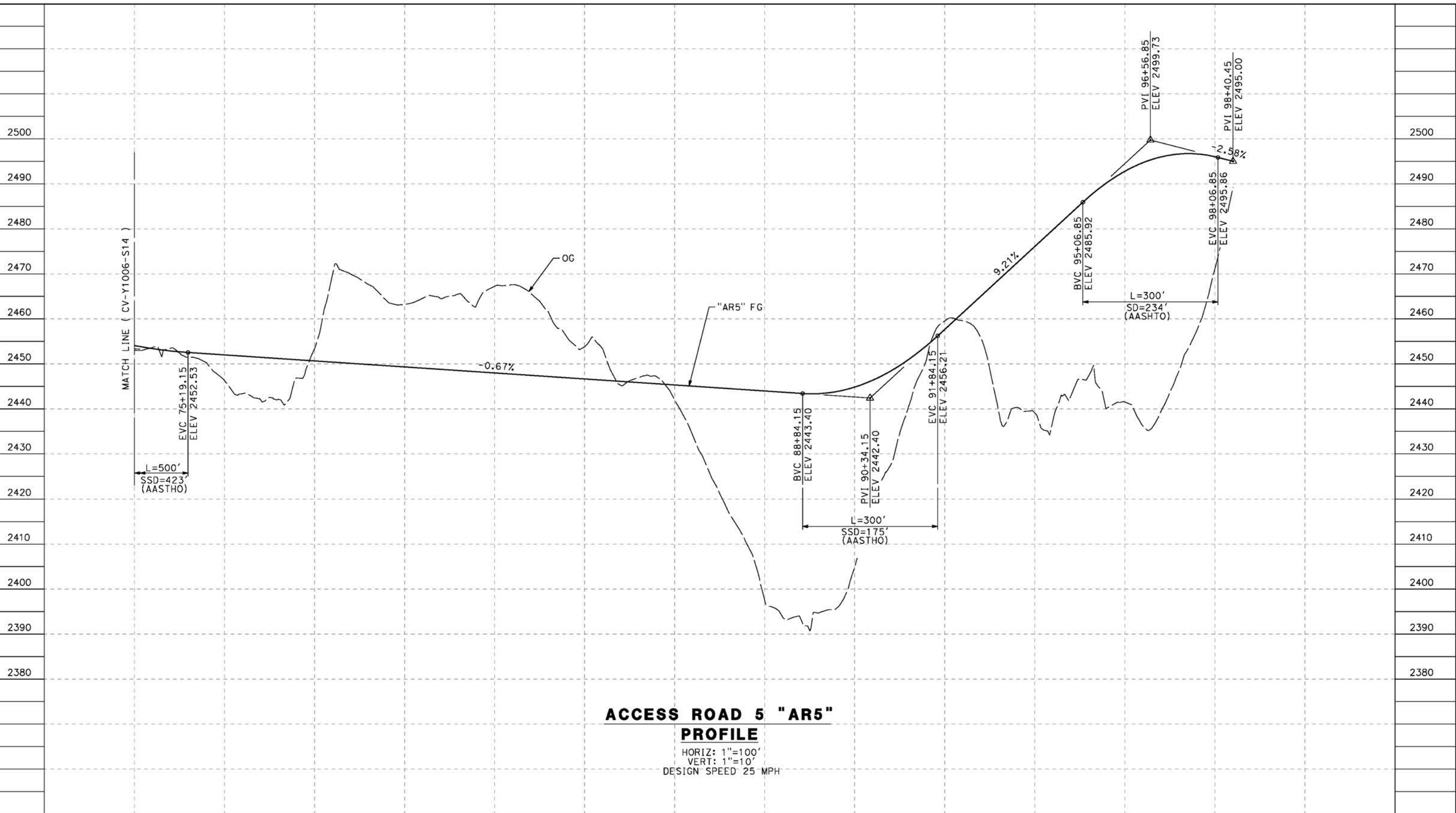
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PROFILE  
ACCESS ROAD 5  
SHEET 3 OF 4

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-Y1006-S14  
SCALE  
AS SHOWN  
SHEET NO.

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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

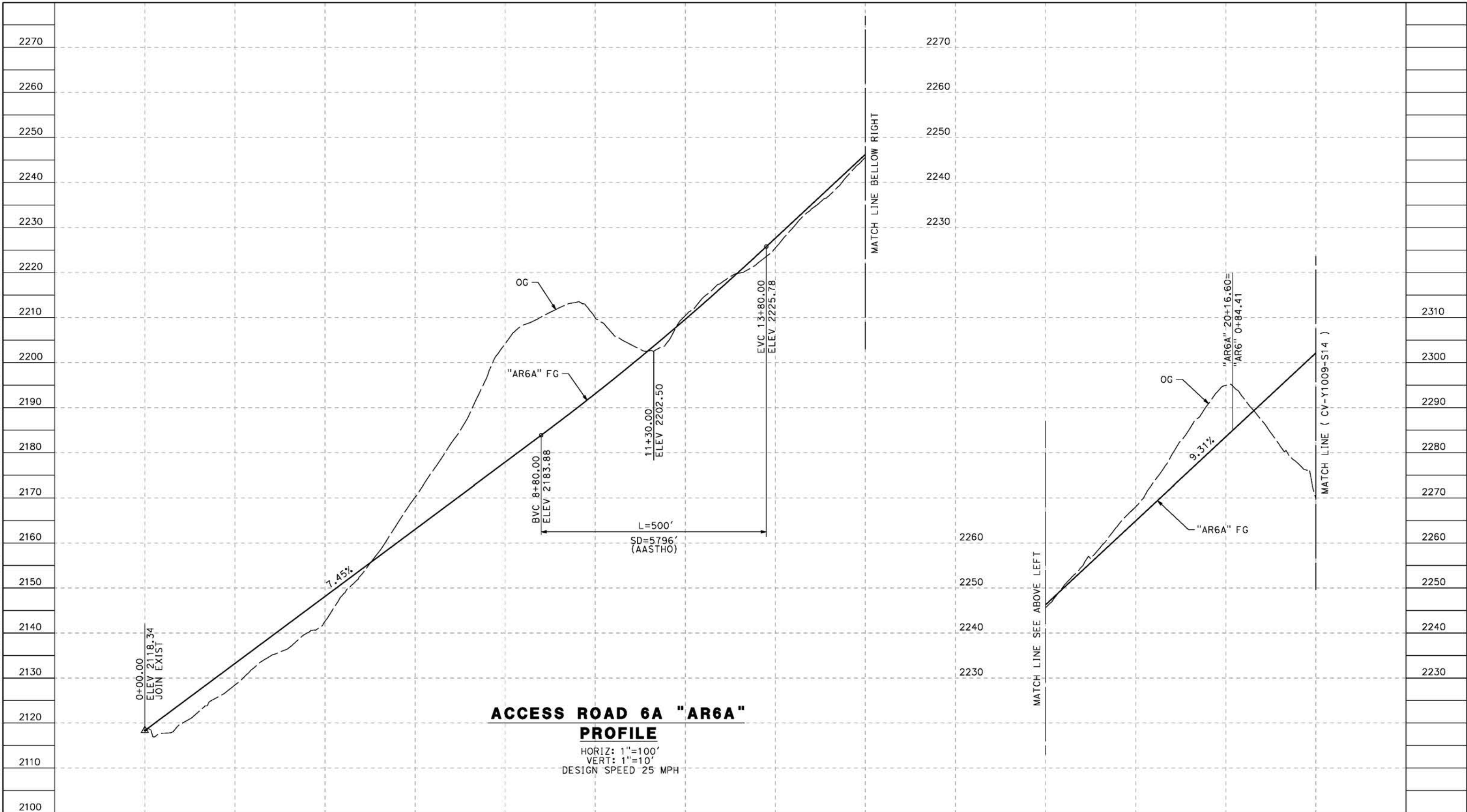
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-Y1007-S14  
SCALE  
AS SHOWN  
SHEET NO.

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														

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



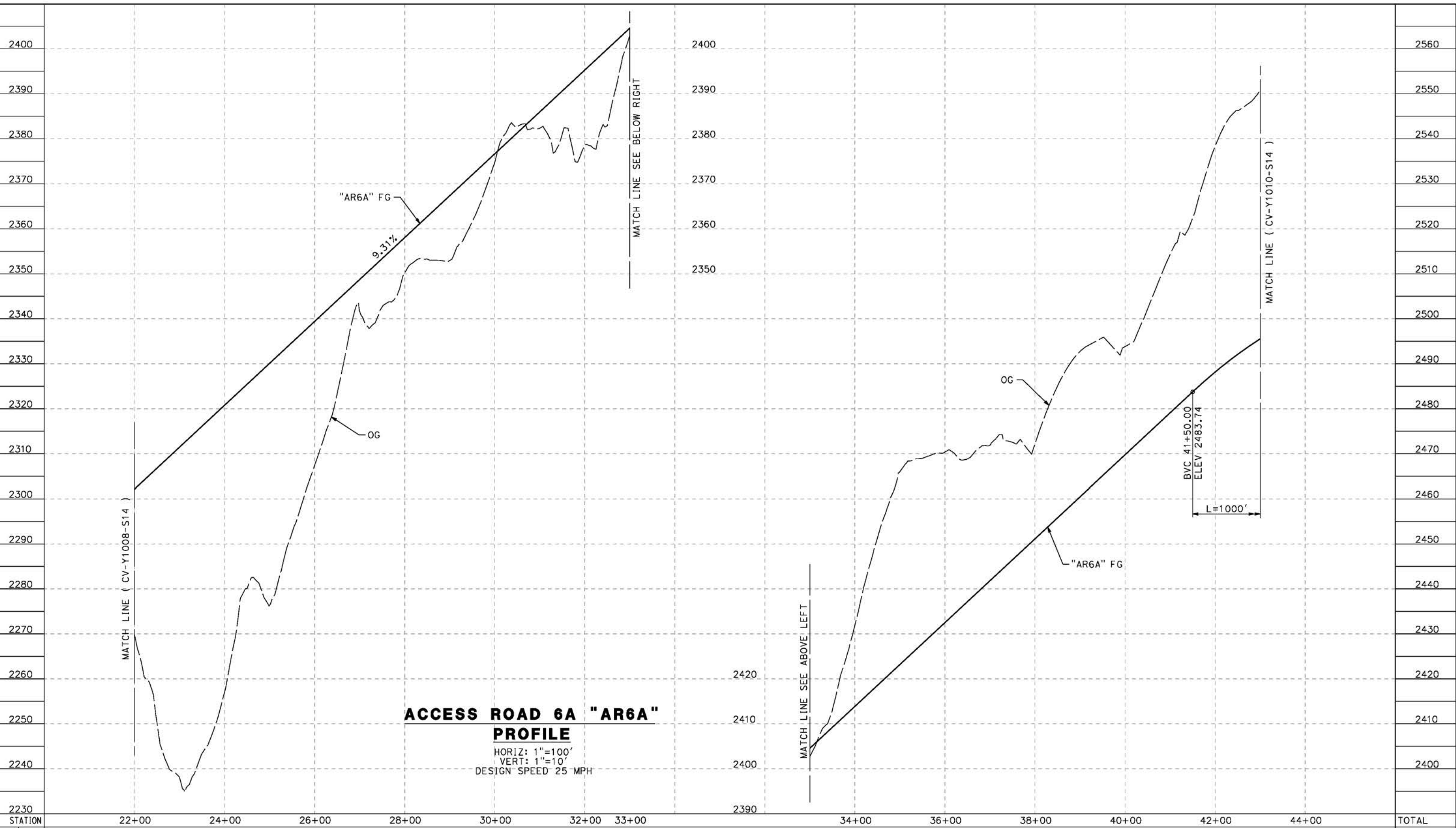
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ACCESS ROAD PROFILE  
 ACCESS ROAD 6A  
 SHEET 1 OF 3

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

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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

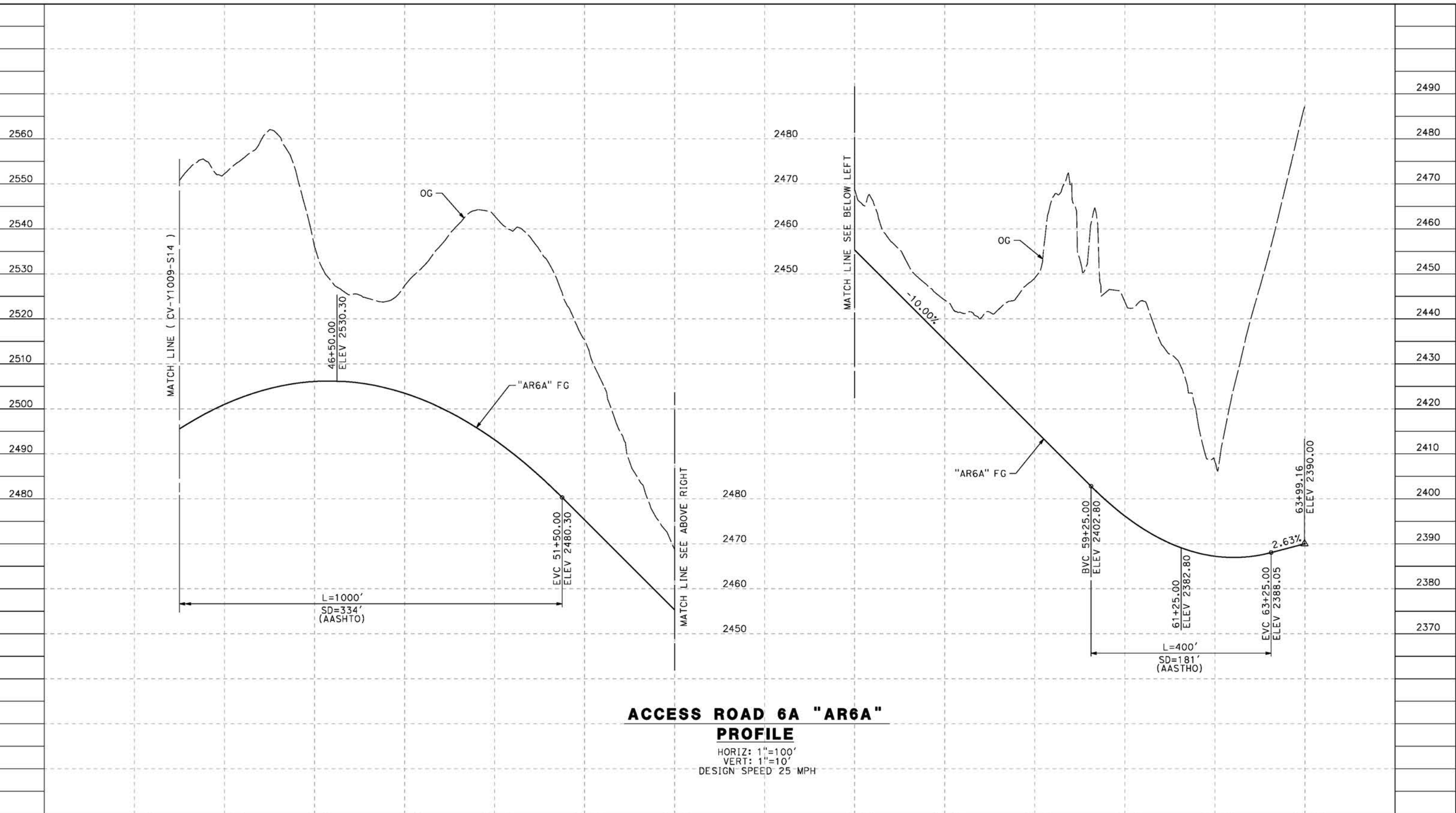
CONTRACT NO.	HSR14-42
DRAWING NO.	CV-Y1009-S14
SCALE	AS SHOWN
SHEET NO.	

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

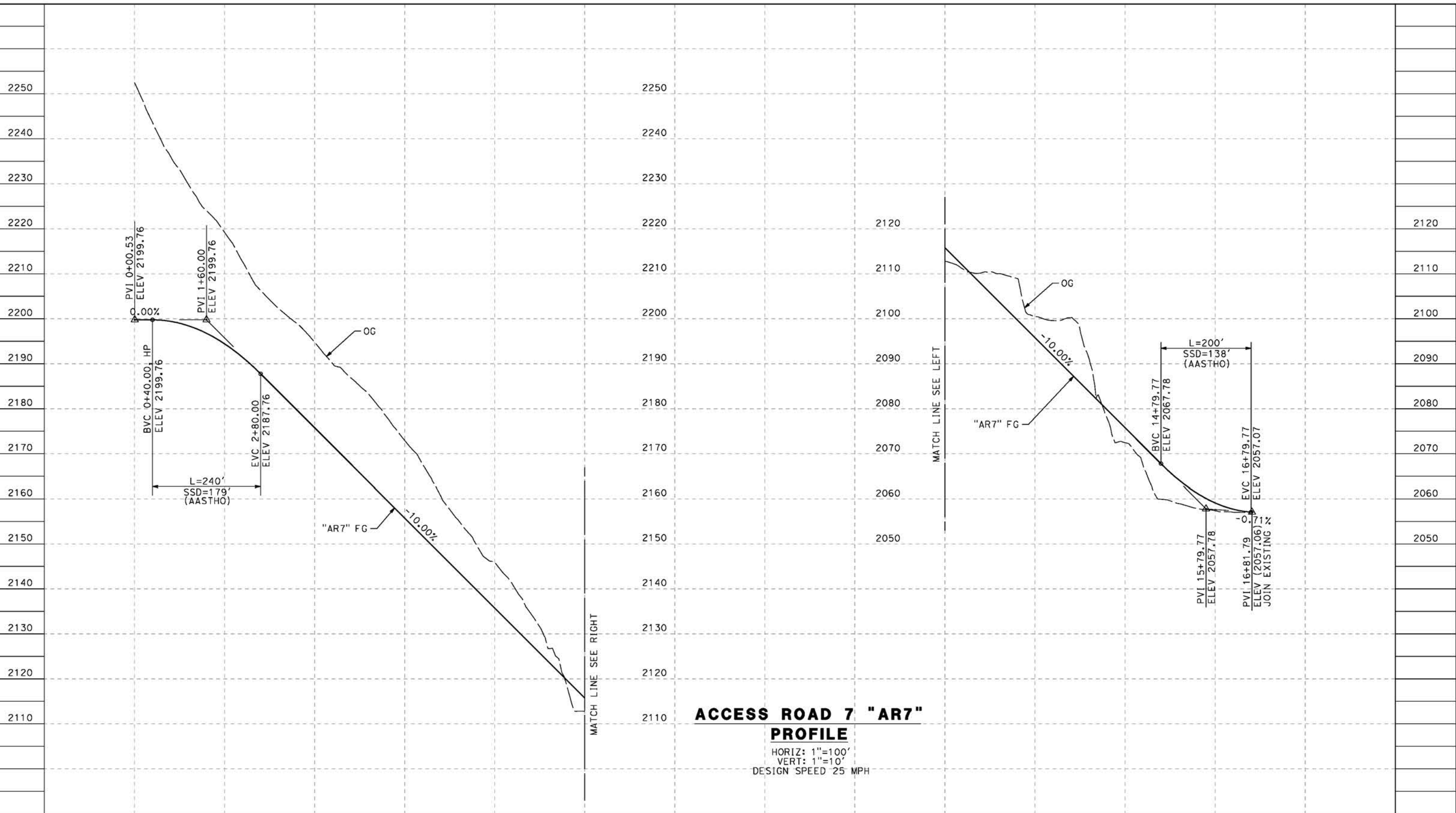
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-Y1010-S14  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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5/26/2021 10:01:26 PM

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**



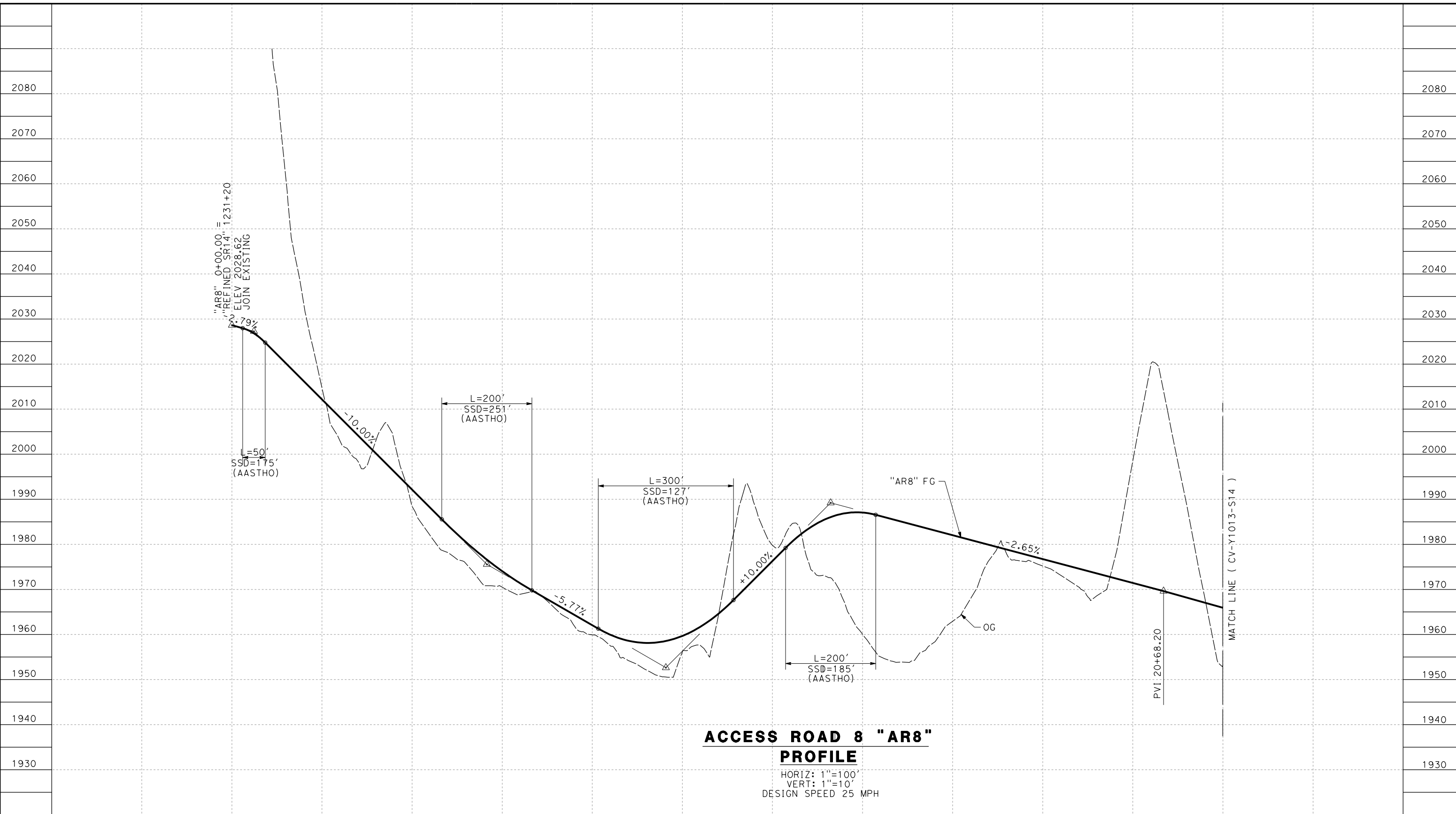
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PROFILE  
ACCESS ROAD 7

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

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1/10/2024 1:55:27 PM

04Z0008



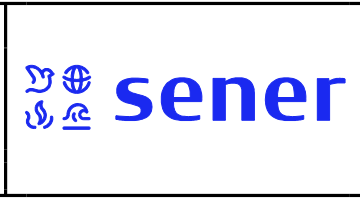
**ACCESS ROAD 8 "AR8"  
PROFILE**

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.

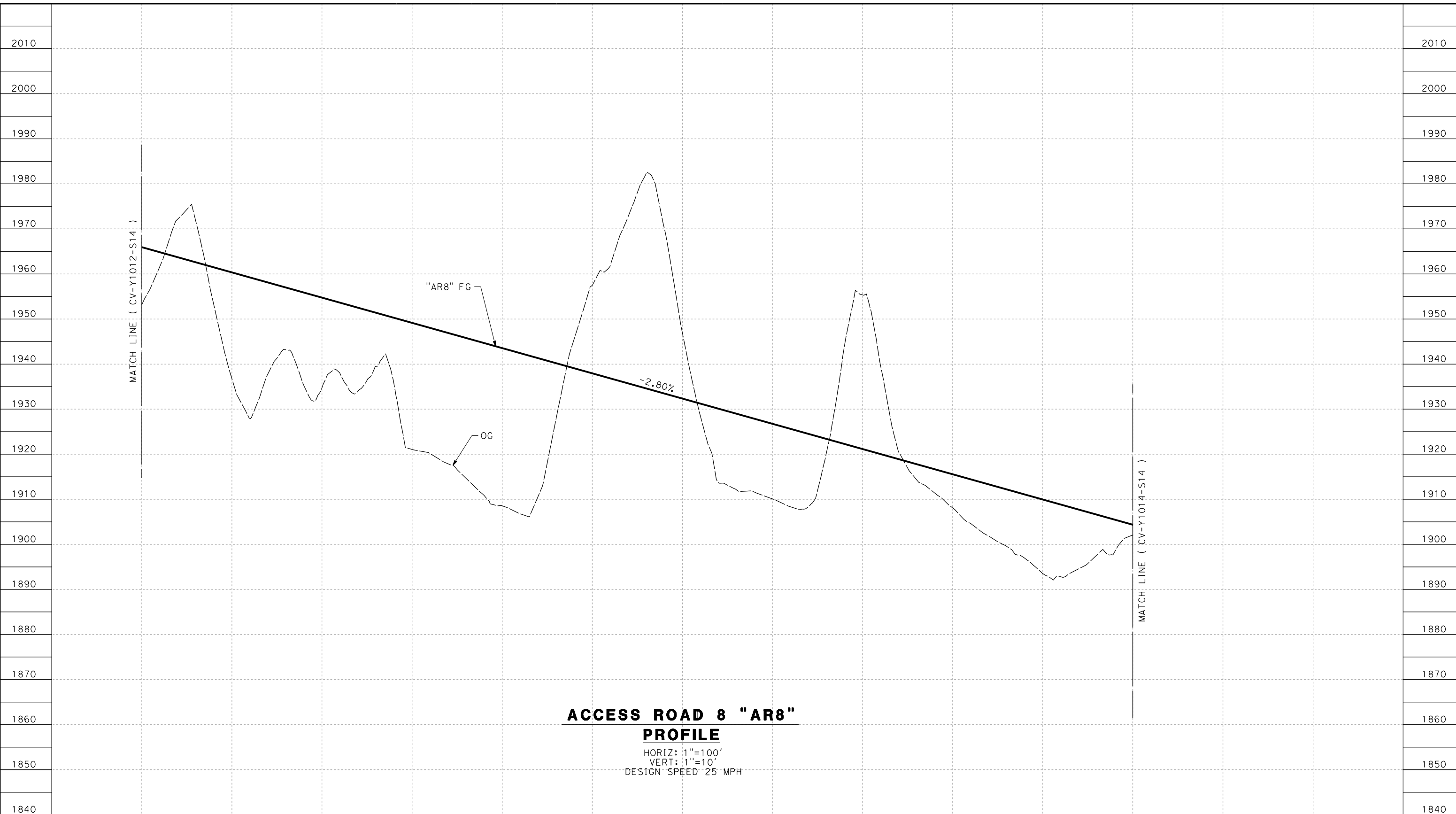
REV	DATE	BY	CHK	APP	DESCRIPTION



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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
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**



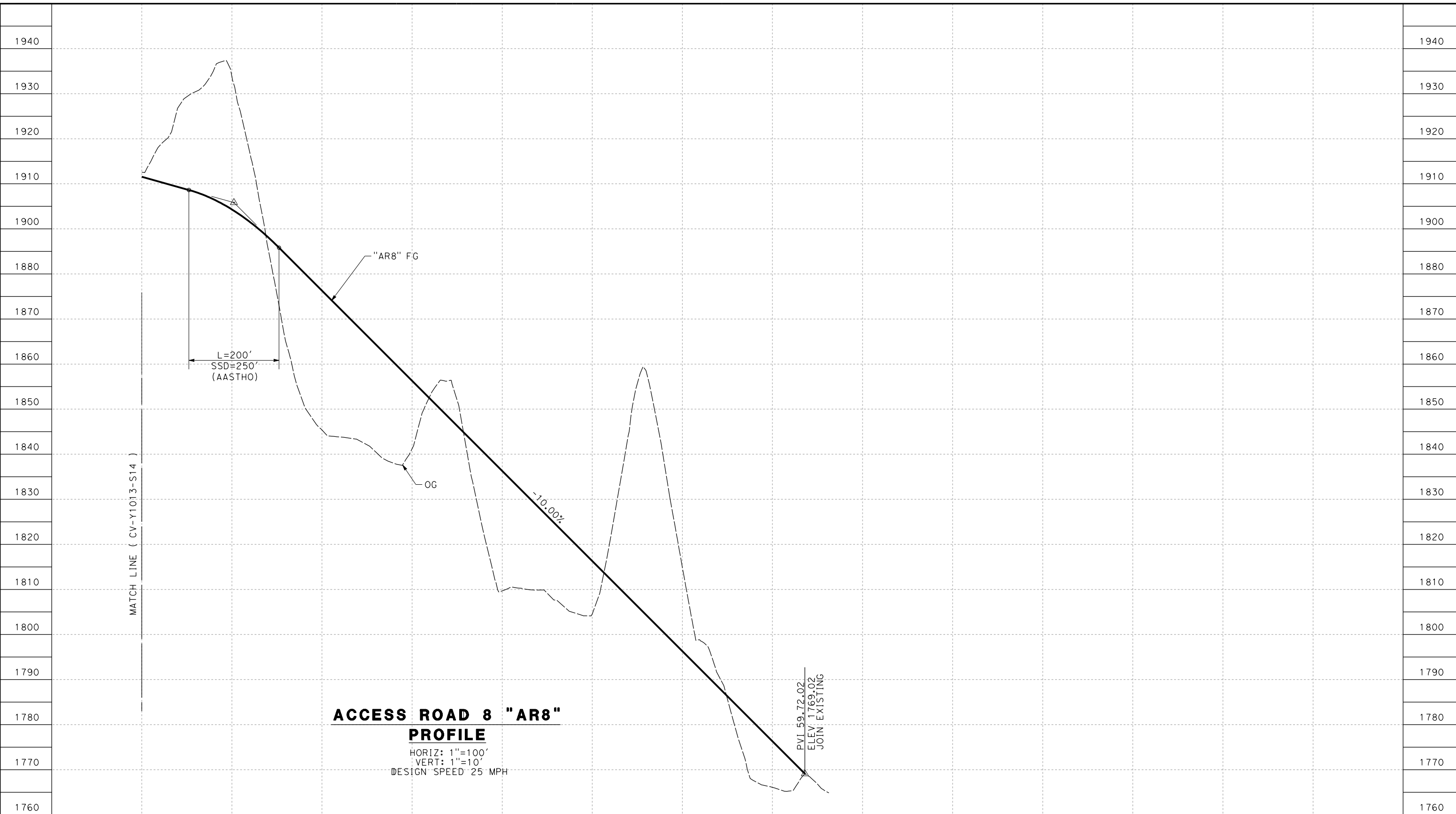
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ACCESS ROAD PROFILE  
 ACCESS ROAD 8  
 SHEET 2 OF 3

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**

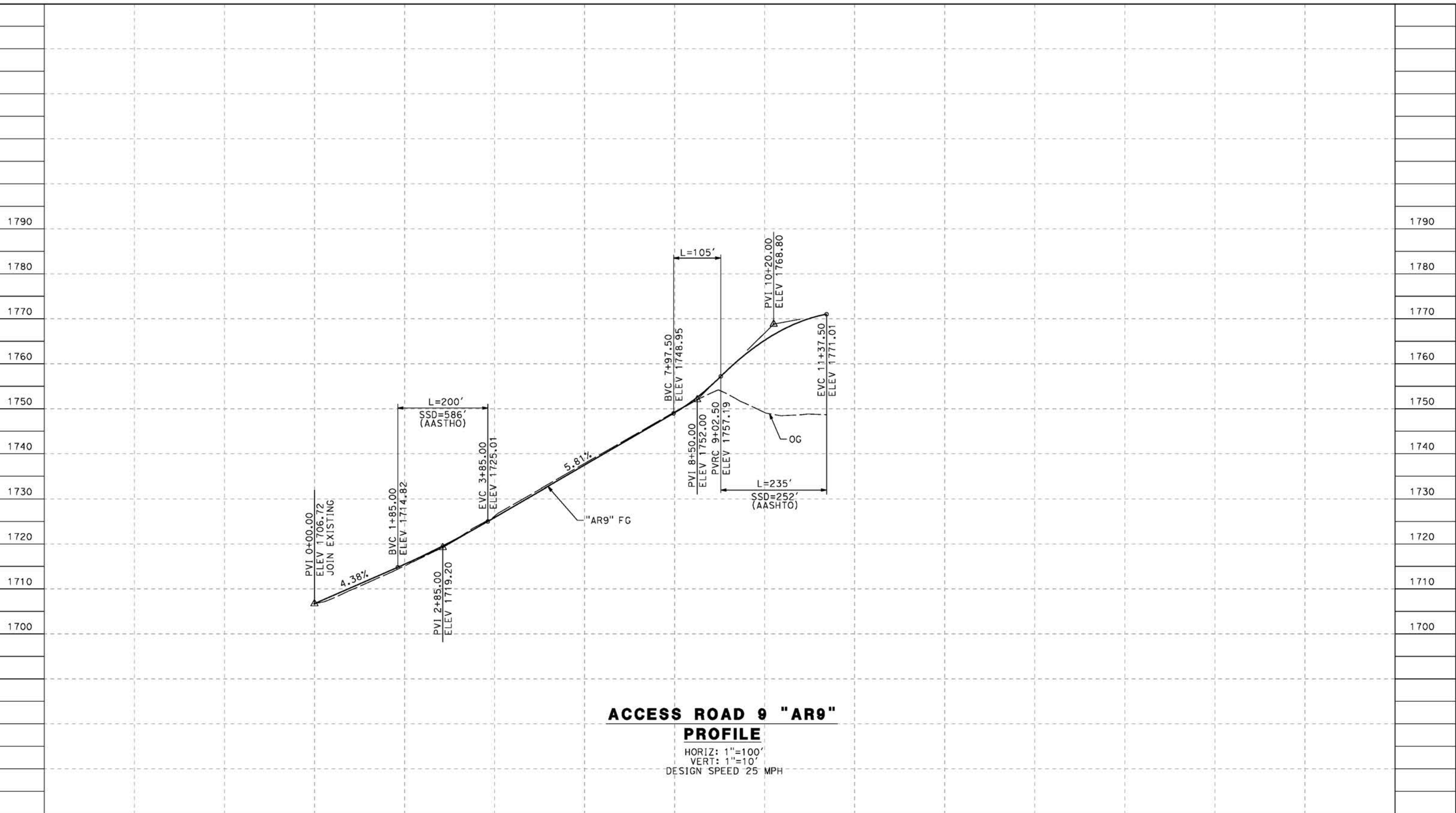


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ACCESS ROAD PROFILE  
 ACCESS ROAD 8  
 SHEET 3 OF 3

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

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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**



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

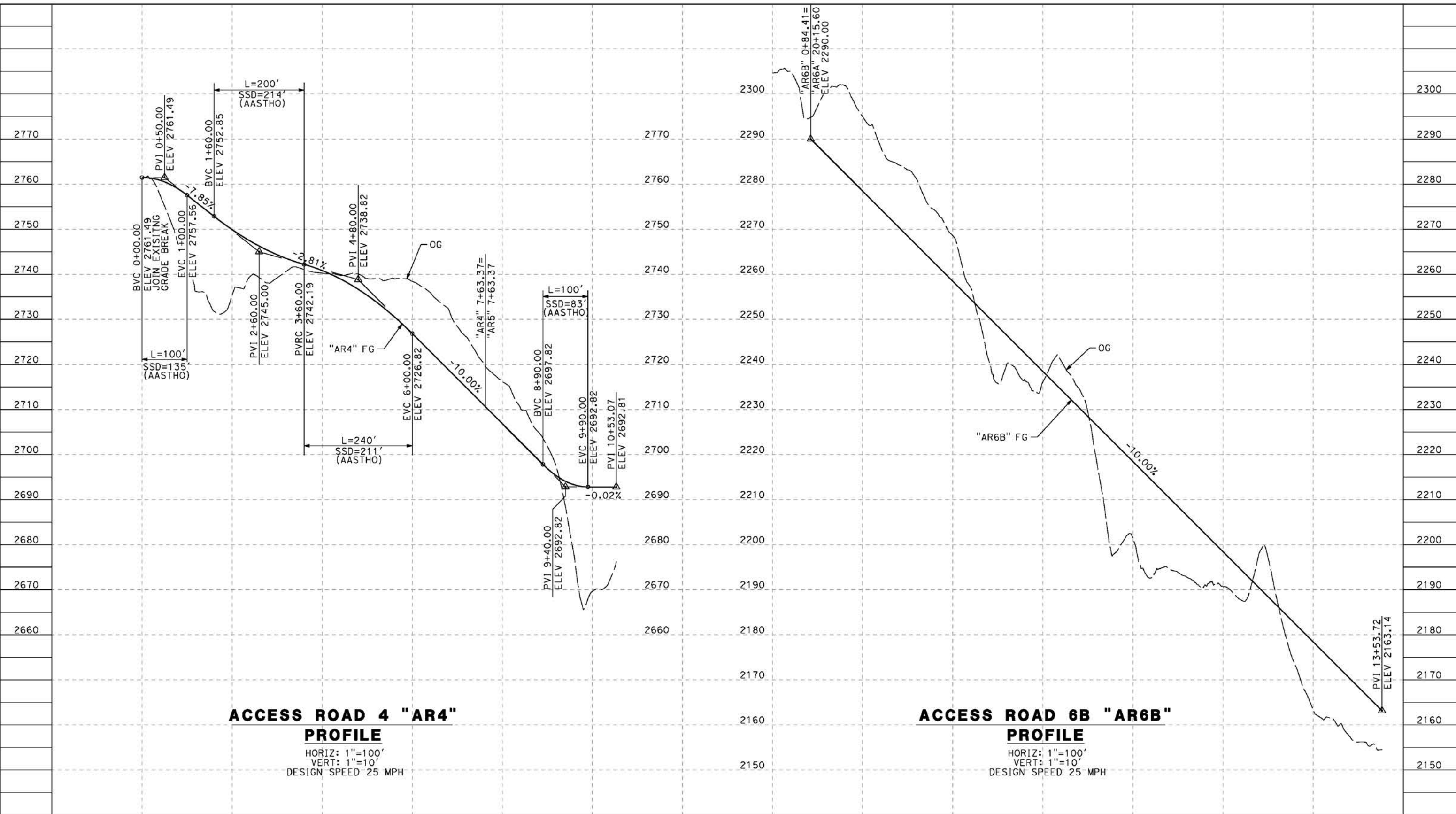
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-Y1015-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

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

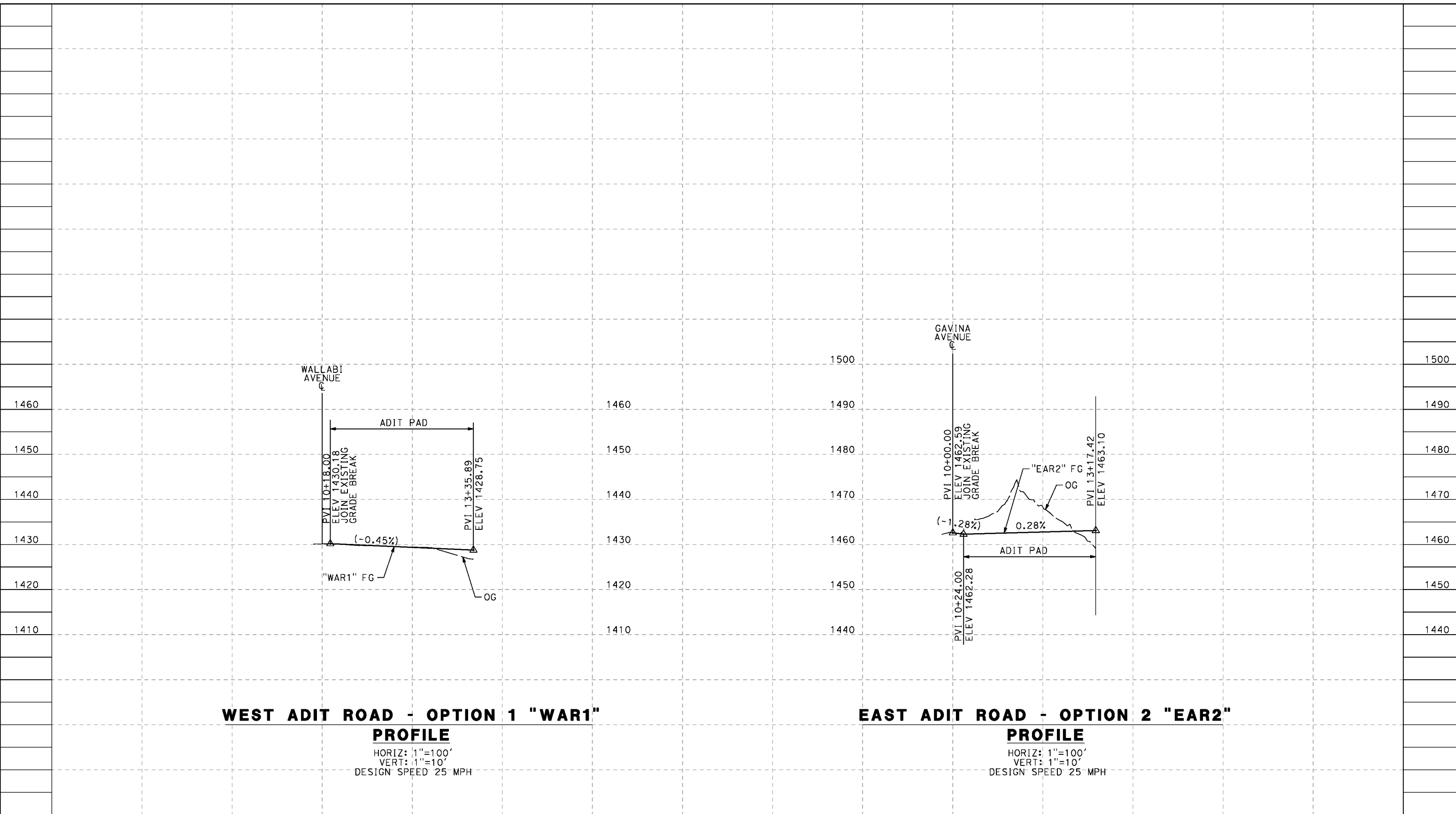
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-Y1016-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

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

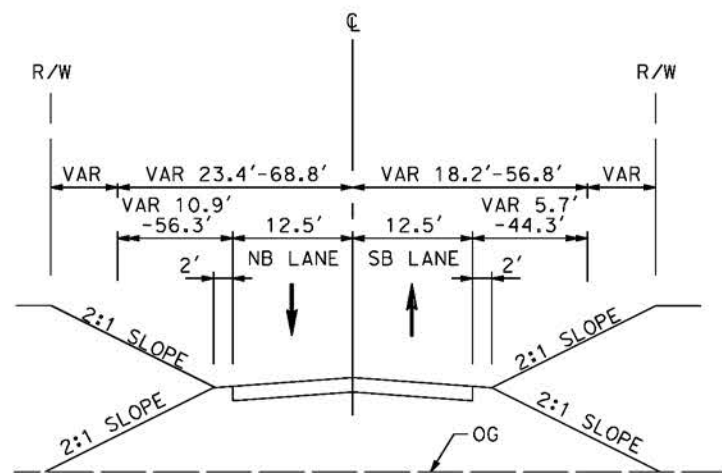
**PEPD RECORD SET  
 REV 02  
 NOT FOR  
 CONSTRUCTION**



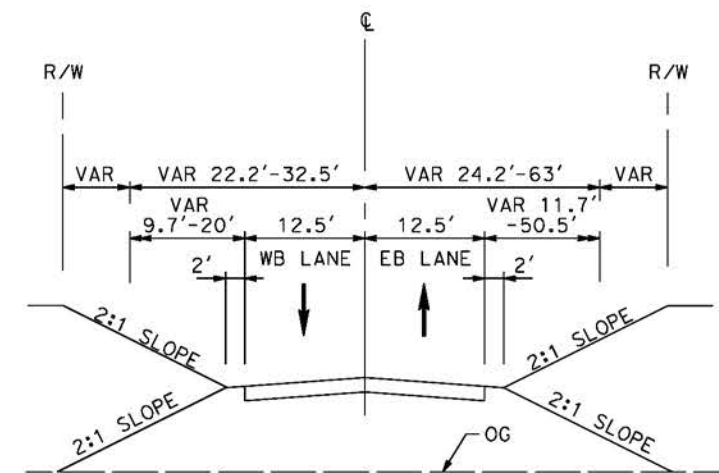
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ACCESS ROAD PROFILE  
 WEST AND EAST ADIT ROAD OPTION 1 AND OPTION 2

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

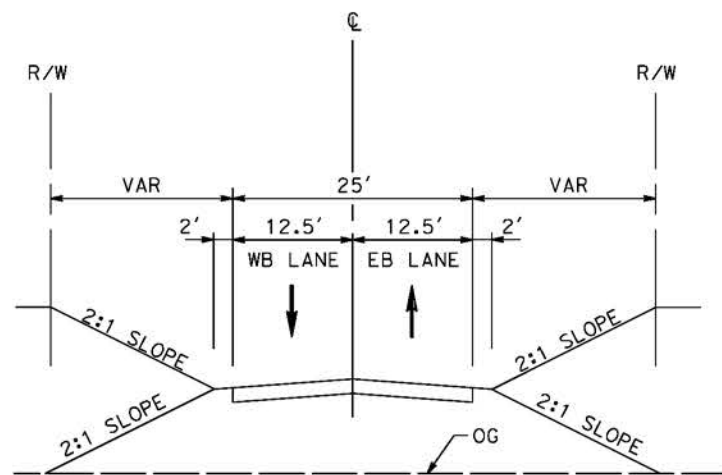
REV	DATE	BY	CHK	APP	DESCRIPTION



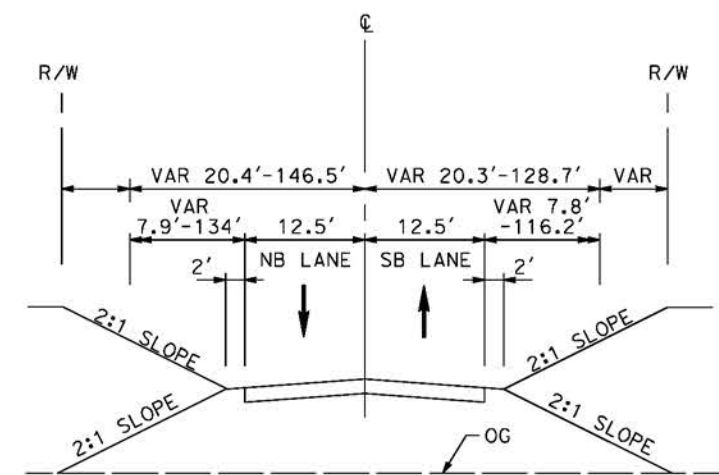
**ACCESS ROAD 2**  
STA 0+00 TO STA 10+04.01



**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

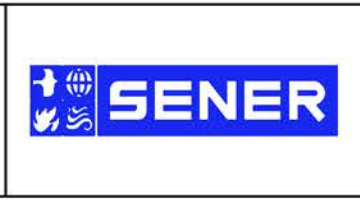
cordo

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**

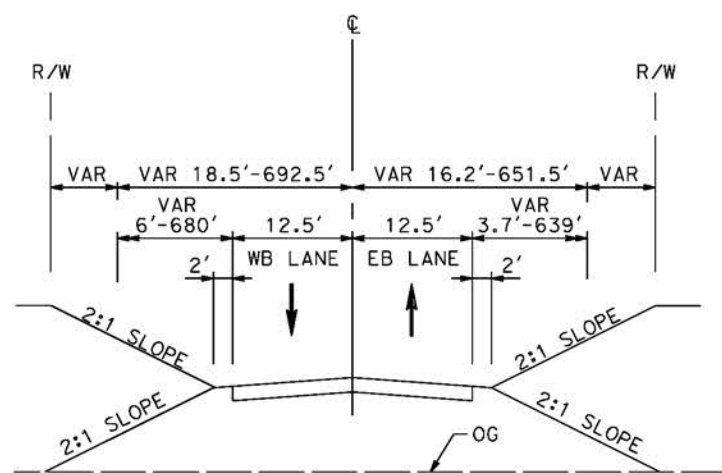
ALIGNMENT "REFINED SR14"  
TYPICAL SECTIONS  
ACCESS ROAD 1, 2, 3A AND 3B

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

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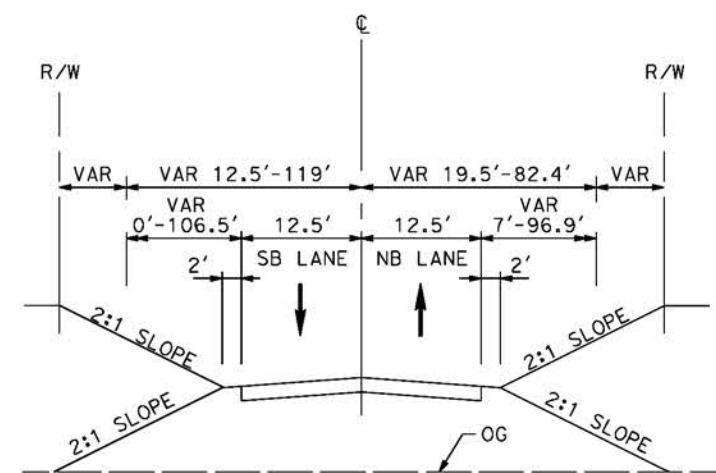
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cordo



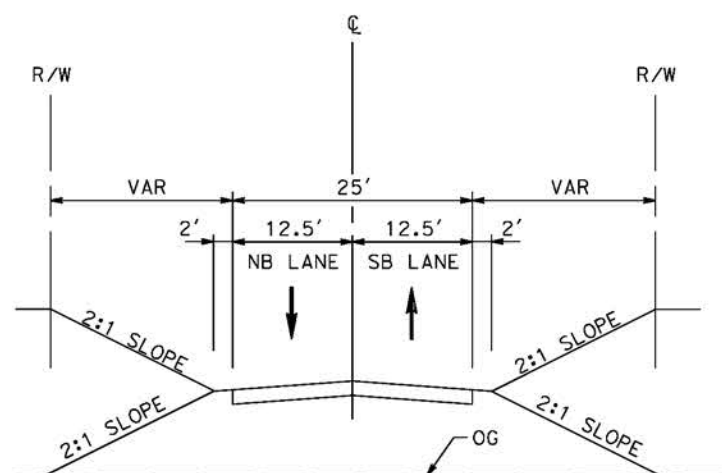
**ACCESS ROAD 5**

STA 0+00 TO STA 98+40.04



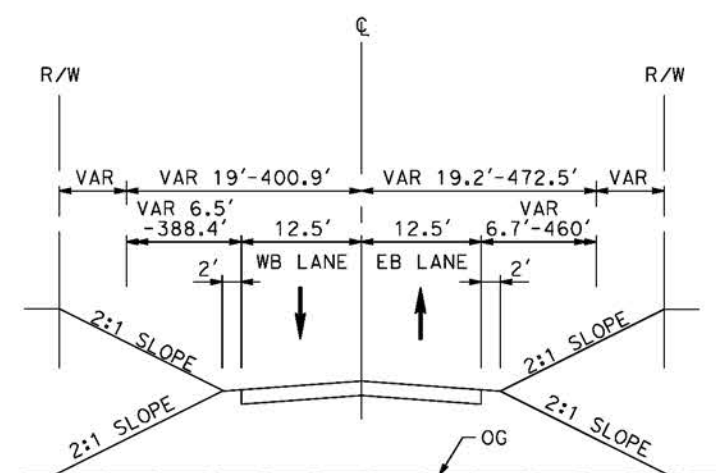
**ACCESS ROAD 6B**

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

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



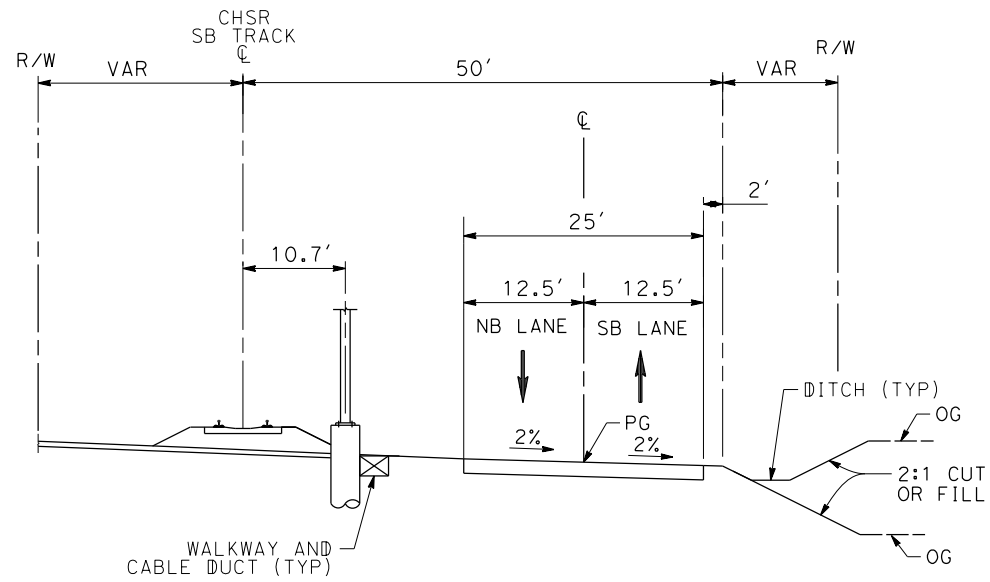
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
TYPICAL SECTIONS  
ACCESS ROAD 4, 5, 6A AND 6B

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

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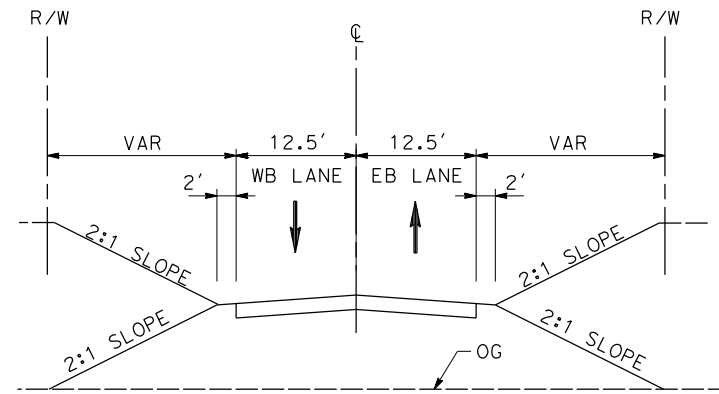
2/16/2024 11:18:05 AM

04Z0008



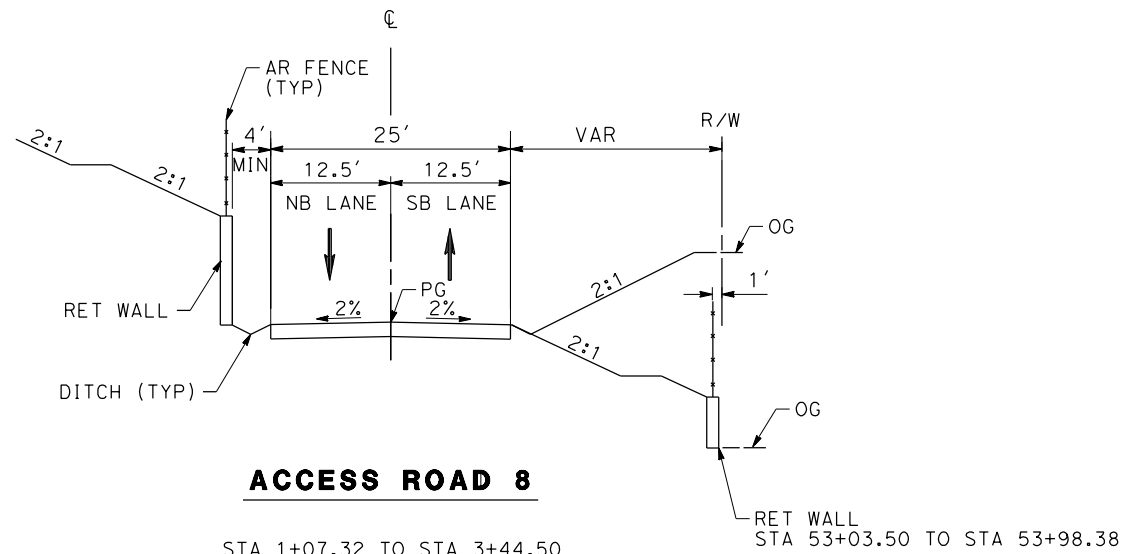
**ACCESS ROAD 8**

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



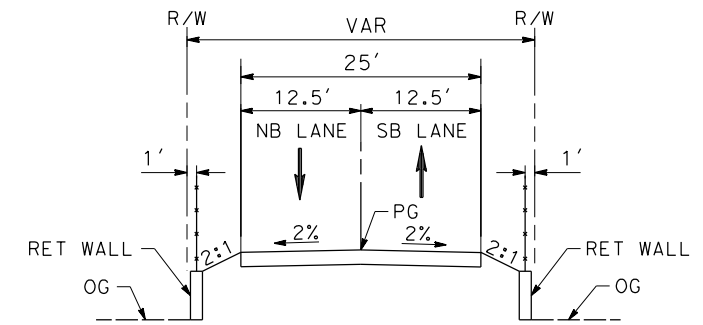
**ACCESS ROAD 8**

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



**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

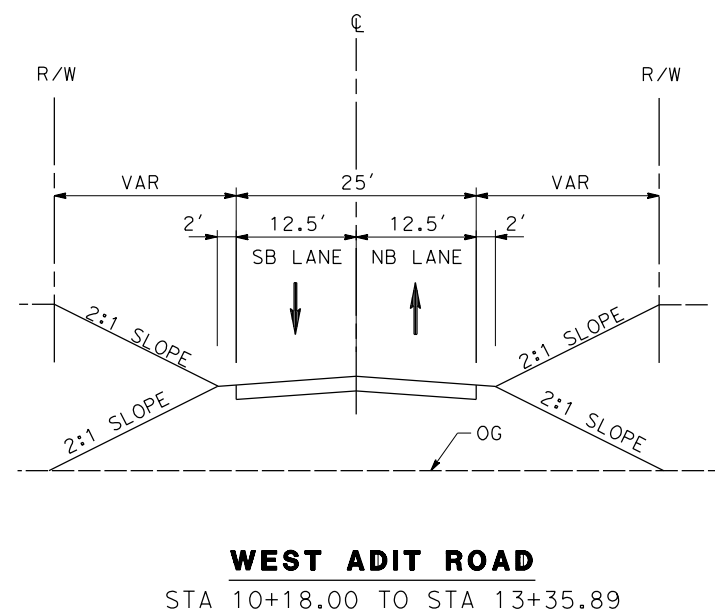
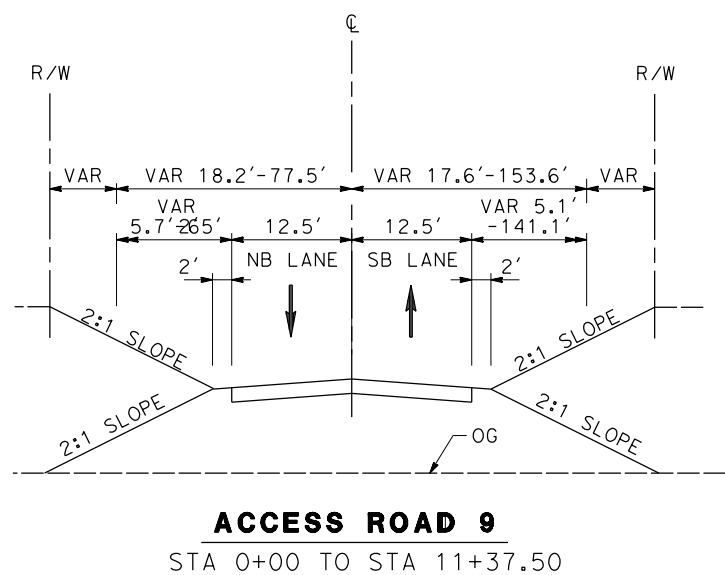
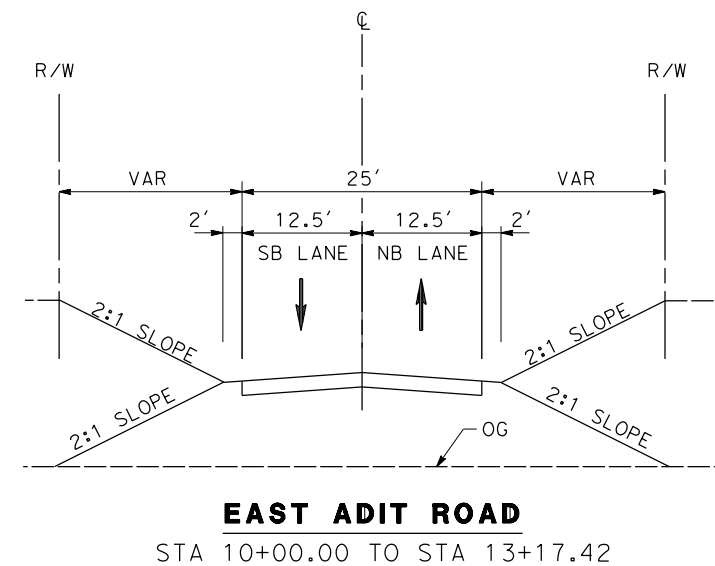
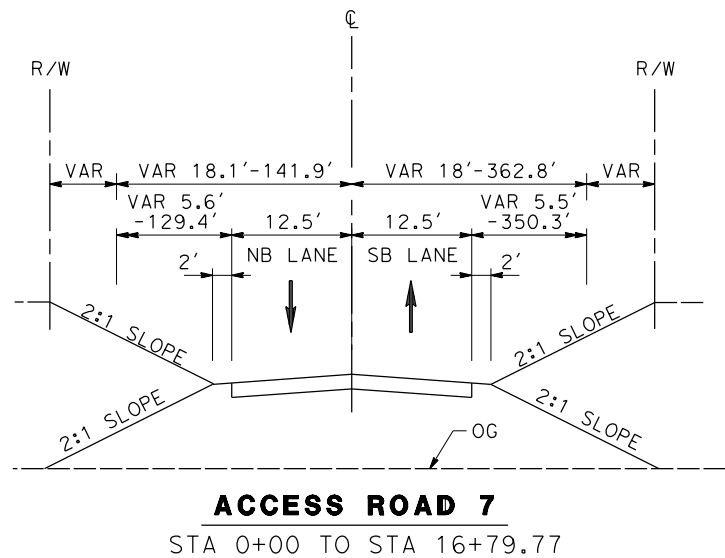
**PEPD RECORD SET  
REV 02  
NOT FOR  
CONSTRUCTION**



**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 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.