

California High-Speed Rail Authority

# Palmdale to Burbank Project Section

Draft Environmental Impact Report/Environmental Impact Statement

Appendix 2-A Roadway and Grade Separation

August 2022



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

**This page intentionally left blank**

# 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	VOLUME I OF II
CV-Y4001-S14	ACCESS ROAD PLAN - ACCESS ROAD 1	
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 7, 8, AND 9	
CV-Y3004-S14	TYPICAL SECTIONS - EAST ADIT ROAD AND WEST ADIT ROAD	

## REFINED S14 CENTRAL SUBSECTION

DRAWING NO.	DRAWING DESCRIPTION	
	KEY MAPS	VOLUME I OF II
CV-B0001-S14	ROADWAY AND GRADE SEPARATION PLAN - KEY MAP - SHEET 1 OF 4	
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	

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24256\FB-CV-B0001.dgn

5/27/2021 6:01:30 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/E1/E2"  
 ROADWAYS AND GRADE SEPARATIONS  
 INDEX OF DRAWINGS  
 SHEET 1 OF 3

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

# ROADWAY/GRADE SEPARATION SHEETS

## E1 CENTRAL SUBSECTION

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

VOLUME  
II OF II

## E1 CENTRAL SUBSECTION

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

VOLUME  
II OF II

c:\pwworkingdir\sener-us-pw-bentley.com-us-pw-01\dalila.cordoba\dms24256.vpb-cv-B0002.dgn

7/21/2021 5:55:14 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/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	

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\adalia.coradaba\dms24256\FB-CV-B0003.dgn

5/27/2021 7:42:29 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/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.

5/2/2021 11:31:57 PM c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24256\FB-CV-B0004.dgn

cordo

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

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

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

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

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

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

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

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

**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  
**PCP** POINT OF COMPOUND VERTICAL CURVE  
**PCVC** POINT OF COMPOUND VERTICAL CURVE  
**PEB** PEDESTRIAN  
**PEB OC** PEDESTRIAN OVERCROSSING  
**PEB 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

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

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

**Q**

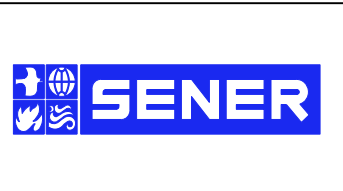
**R**

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

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



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

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

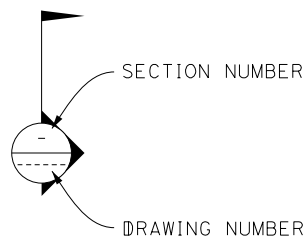
S CONTINUED

Y

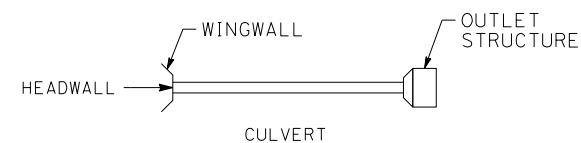
### GENERAL NOTES

- THE FOLLOWING ARE ROADWAY DESIGN STANDARD AND GUIDELINES:
  - CALTRANS HIGHWAY DESIGN MANUAL (2016)
  - AASHTO ROADSIDE DESIGN GUIDE (2011)
  - APPLICABLE LOCAL DESIGN STANDARD AND GUIDELINES (I.E., CITY OF PALMDALE)
- STA 296+82.67 (SPRUCE CT) IS THE NORTHERN LIMIT OF THE PALMDALE-BURBANK ENVIRONMENTAL DOCUMENT. NORTH OF THIS POINT REFERS TO BAKERSFIELD-PALMDALE ENVIRONMENTAL DOCUMENT. DESIGN FEATURES BETWEEN STA 265+00.00 AND STA 296+82.67 (SPRUCE CT) SHOWN FOR REFERENCE ONLY.

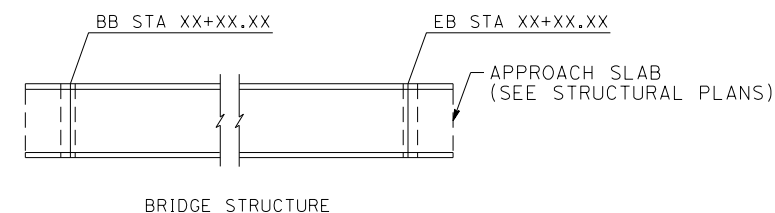
### LEGEND



- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY
- RETAINING WALL
- FILL
- CUT
- NOISE BARRIER (POTENTIAL)
- OG / ORIGINAL GROUND
- REMOVE BASE & SURFACING
- POINT OF MINIMUM VERTICAL CLEARANCE
- WATER SURFACE
- ESTIMATED 100-YEAR FLOOD ELEVATION
- EXISTING HIGH VOLTAGE TOWER



255+00      260+00      265+00  
 CONTROL LINE EXAMPLE "A" LINE



SYM	SYMMETRICAL	YR	YEAR
	<u>T</u>	YRS	YEARS
T	TANGENT		
TAN	TANGENT		
TBB	THREE BEAM BARRIER		
TC	TOP OF CURB, TANGENT TO CURVE		
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		
	<u>U</u>		
UC	UNDERCROSSING		
UD	UNDERDRAIN		
UON	UNLESS OTHERWISE NOTED		
UP	UNDERPASS		
UPRR	UNION PACIFIC RAILROAD		
USFWS	UNITED STATES FISH AND WILDLIFE SERVICE		
	<u>V</u>		
V	VALVE, DESIGN SPEED		
VAR	VARIABLE		
VC	VERTICAL CURVE		
VERT	VERTICAL		
VIA	VIADUCT		
VOL	VOLUME		
	<u>W</u>		
W	WEST, WIDTH		
WB	WESTBOUND		
WH	WEEP HOLE		
WM	WIRE MESH		
WS	WATER SURFACE		
WT	WEIGHT		
WW	WINGWALL		
WWLOL	WINGWALL LAYOUT LINE		
W/	WITH		
	<u>X</u>		
X SEC	CROSS SECTION		
XING	CROSSING		

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalia.cordoba\dms24256.vpb-cv-B0005.dgn

5/19/2021 6:03:43 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**

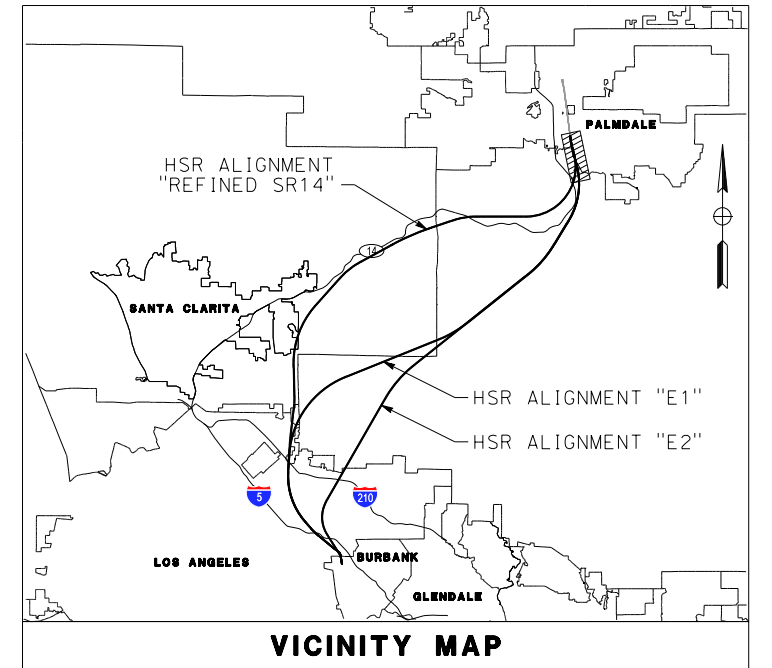
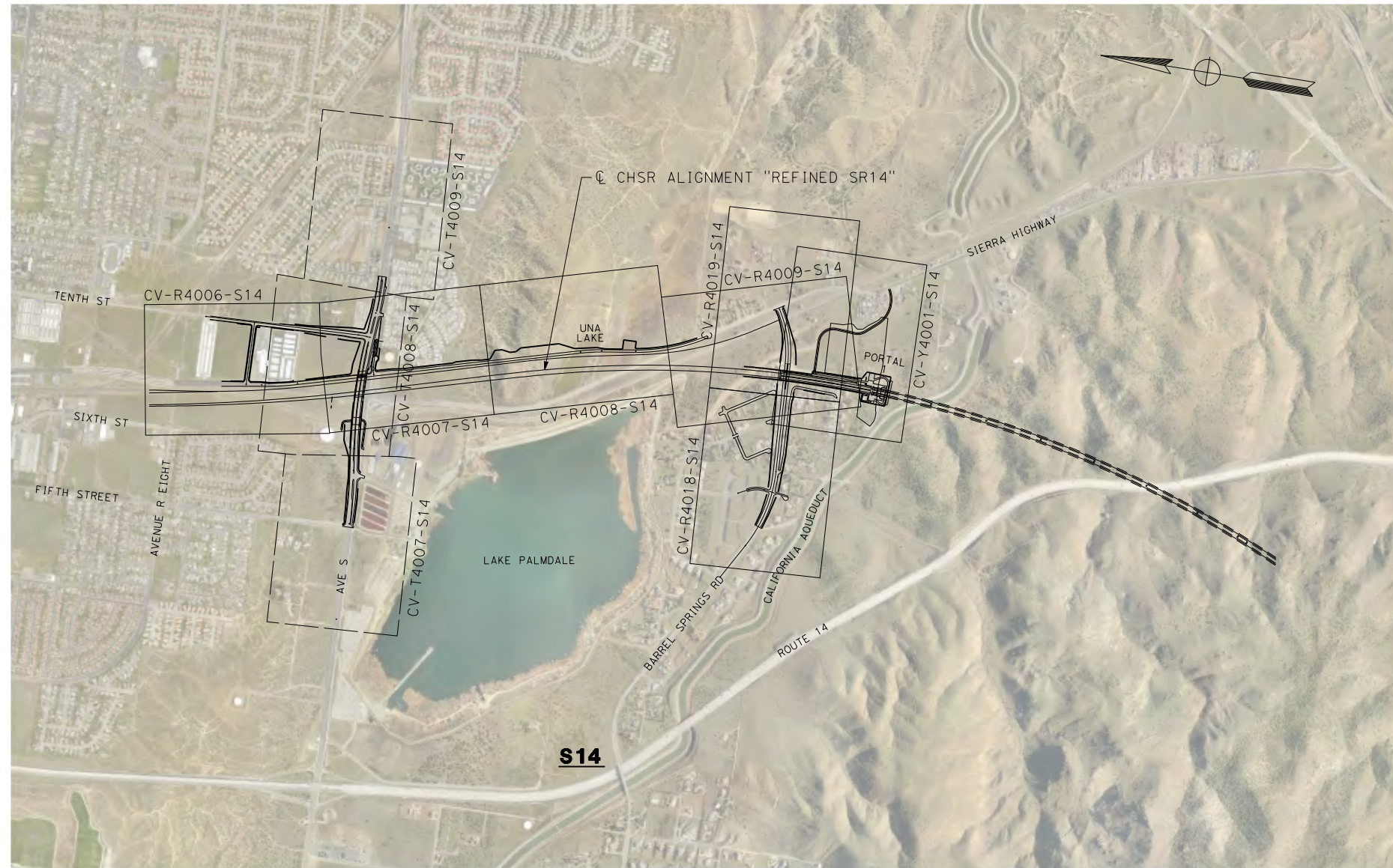
ALIGNMENT "REFINED SR14/E1/E2"  
ROADWAYS AND GRADE SEPARATIONS  
ABBREVIATIONS AND LEGEND

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


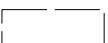
ct:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-B0001-S14.dgn

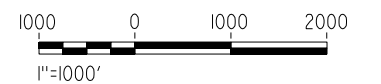
5/21/2021 9:00:14 AM

cordo



LEGEND:

-  ROADWAY PLAN AND ACCESS ROAD PLAN
-  GRADE SEPARATION PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



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

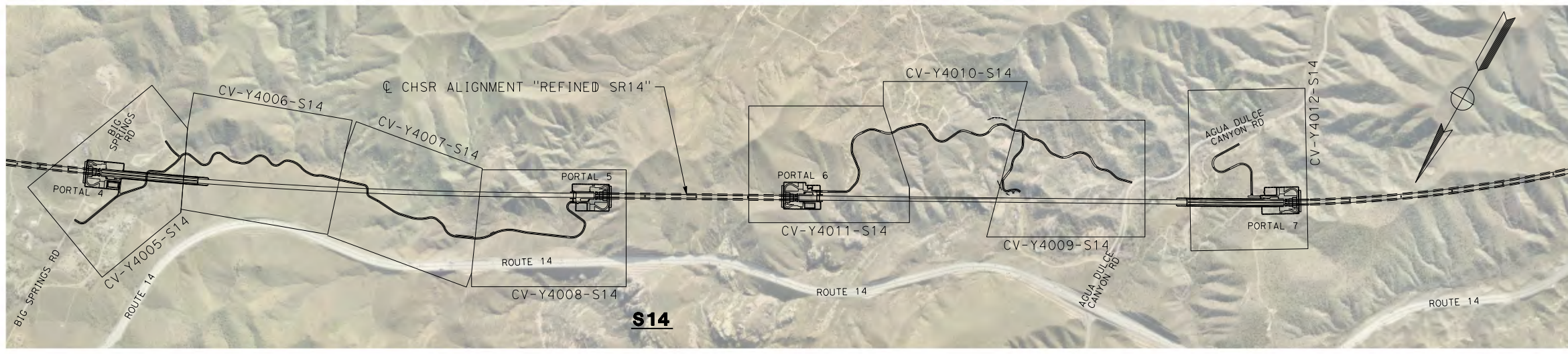
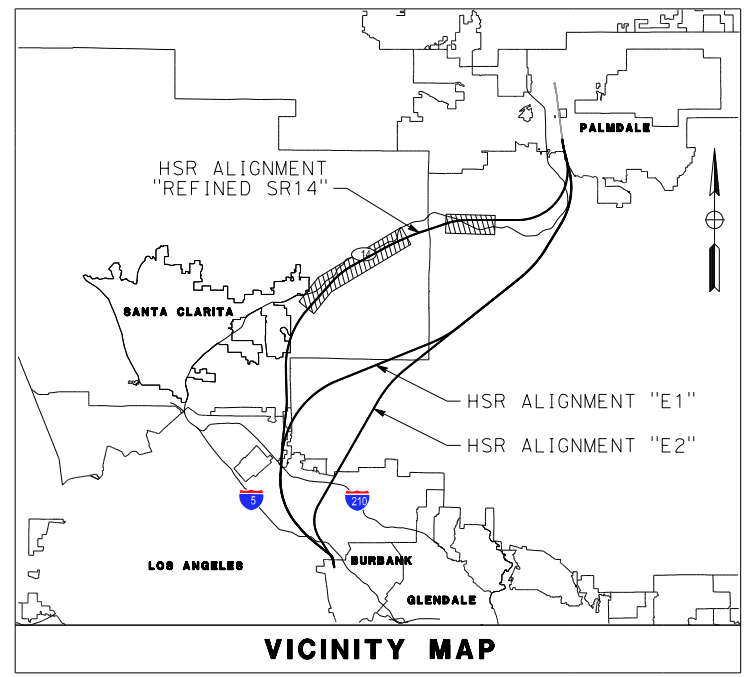
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-B0001-S14  
SCALE  
AS SHOWN  
SHEET NO.



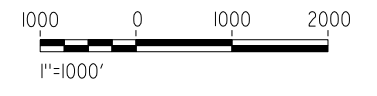
ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-B0002-S14.dgn

5/21/2021 9:04:25 AM

cordo



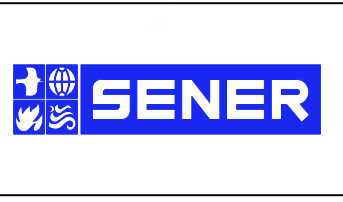
**LEGEND:**  
 ROADWAY PLAN AND ACCESS ROAD PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



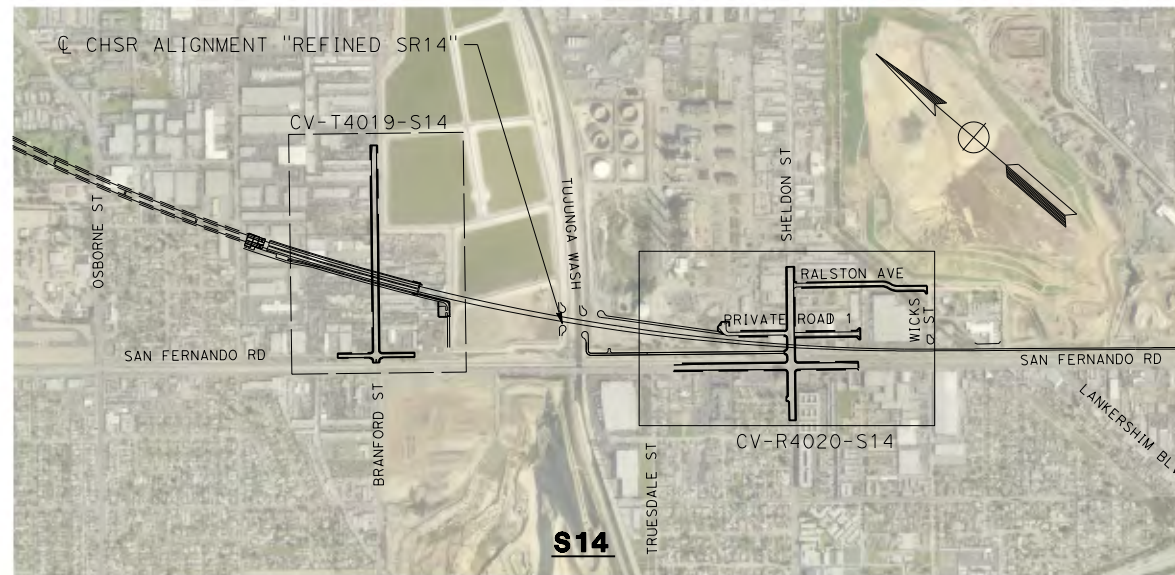
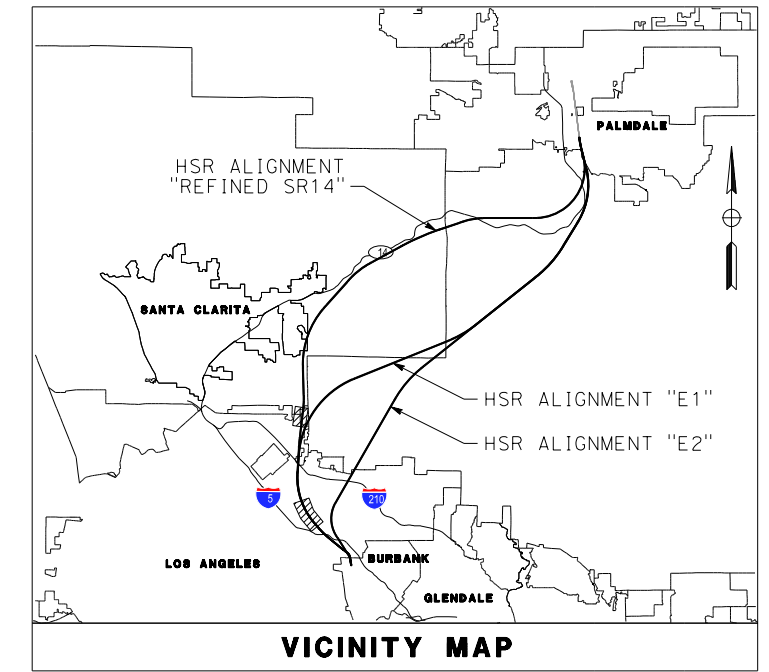
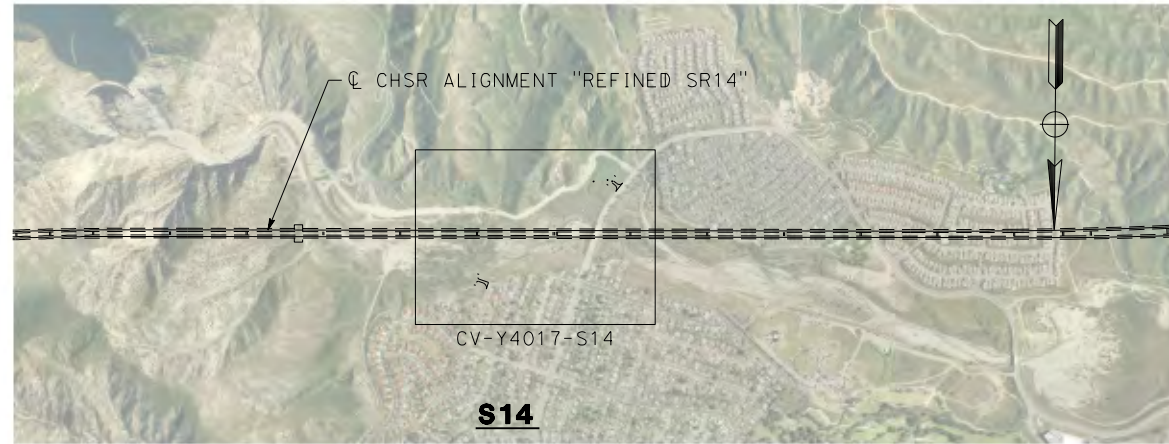
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY AND GRADE SEPARATION PLAN  
 KEY MAP  
 SHEET 2 OF 4

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



ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-B0003-S14.dgn

5/21/2021 9:09:23 AM

cordo



**LEGEND:**

-  ROADWAY PLAN AND ACCESS ROAD PLAN
-  GRADE SEPARATION PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



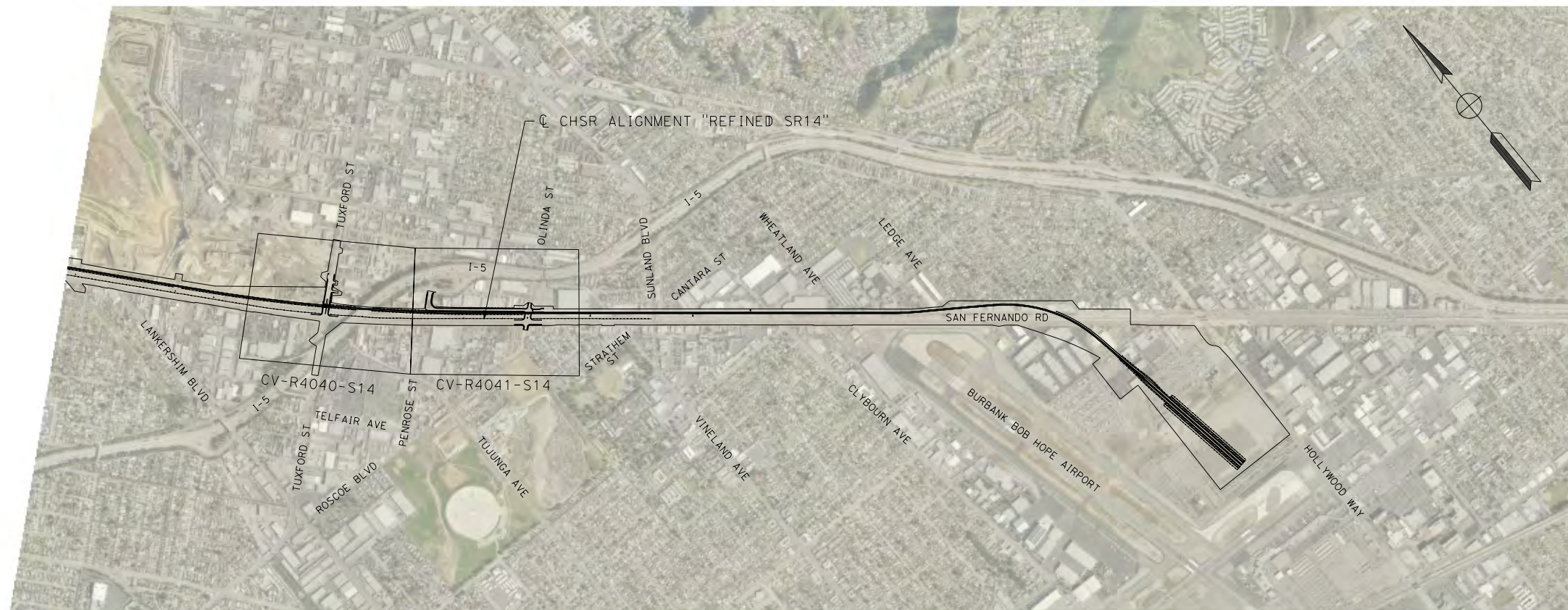
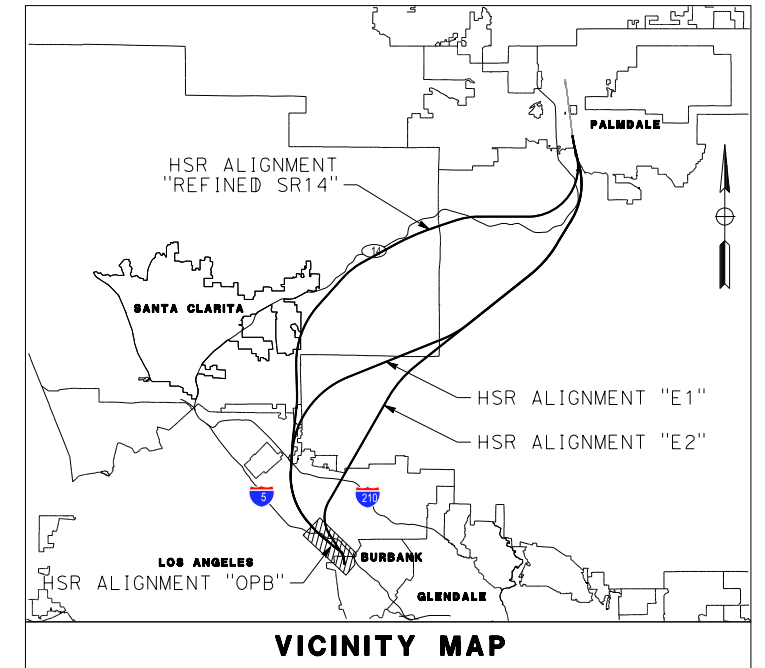
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY AND GRADE SEPARATION PLAN  
KEY MAP  
SHEET 3 OF 4

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

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-B0004-S14.dgn

5/21/2021 9:14:57 AM

cordo



**LEGEND:**  
 ROADWAY PLAN



**S14**

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



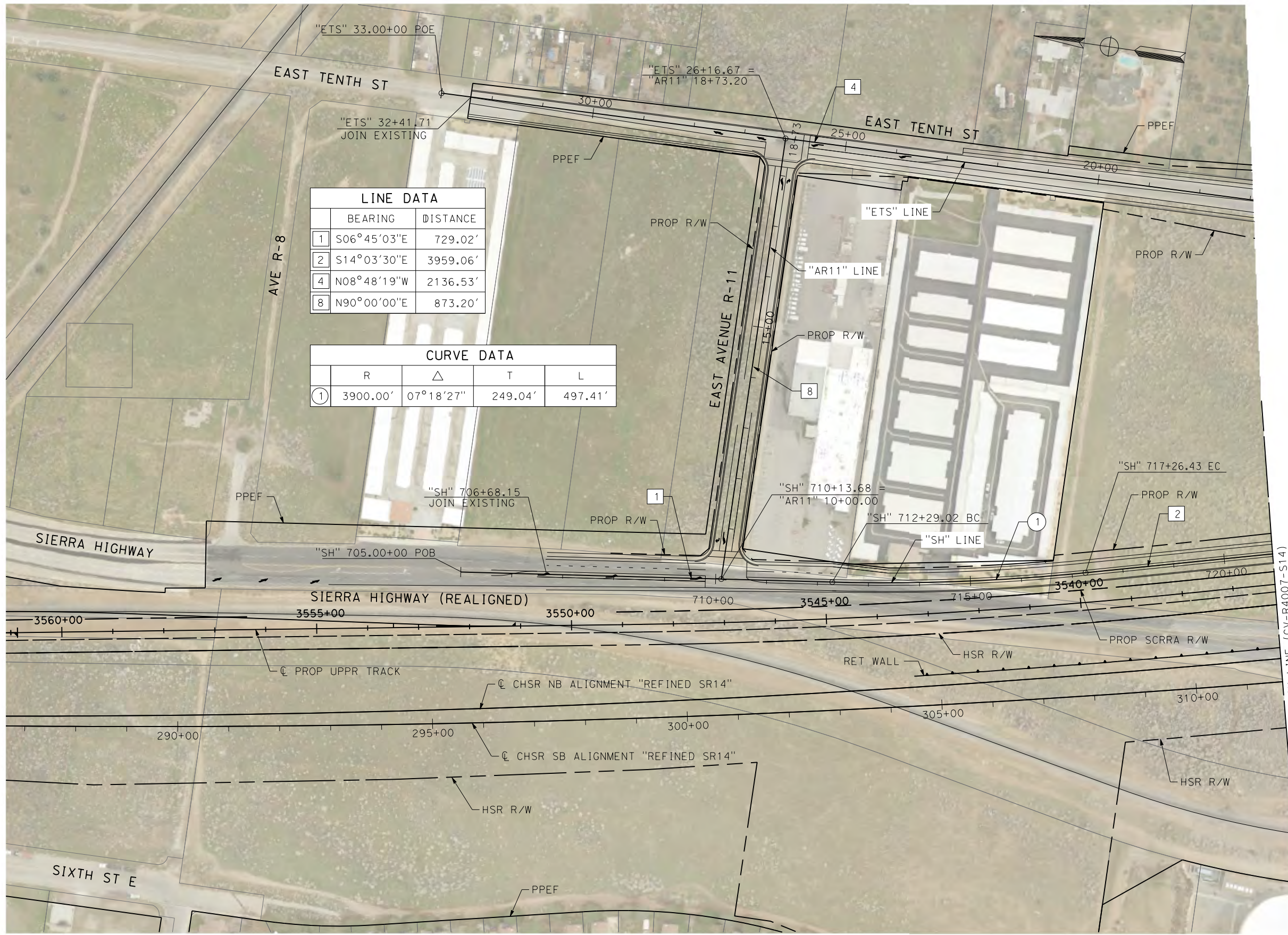
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY AND GRADE SEPARATION PLAN  
 KEY MAP  
 SHEET 4 OF 4

CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-B0004-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dal\ia\cordoba\dms24258\FB-CV-R4006-S14.dgn

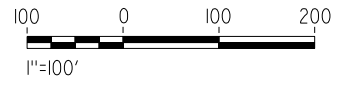
5/2/2021 1:26:44 PM

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**



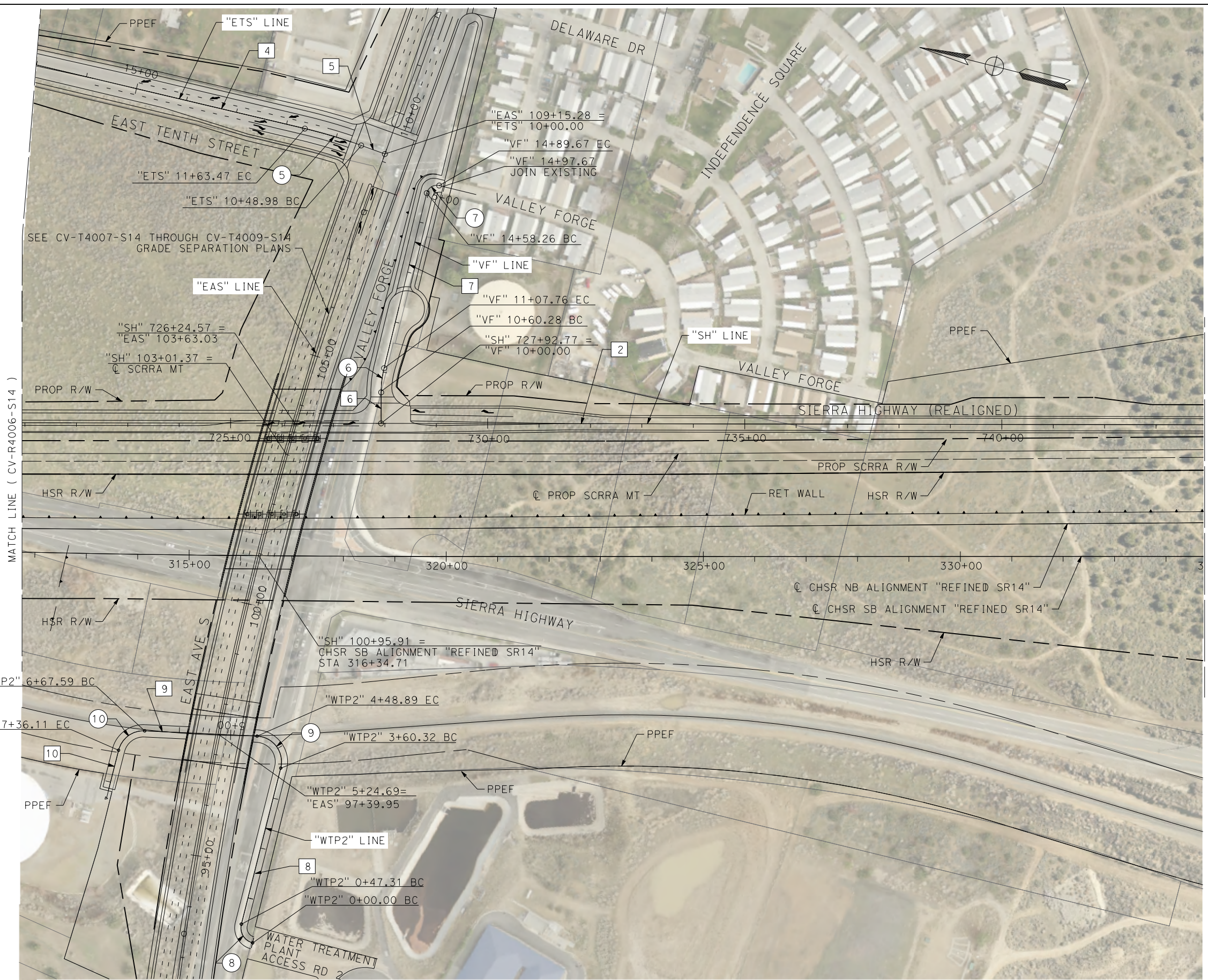
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY PLAN  
SIERRA HIGHWAY  
SHEET 1 OF 4

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

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\adalia.cordoba\dms24258\VPB-CV-R4007-S14.dgn

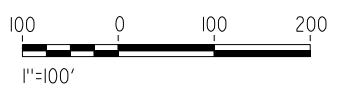
5/26/2021 5:37:54 PM

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'

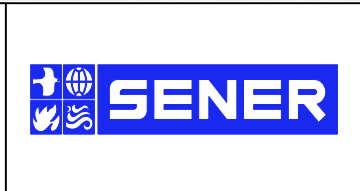


REV	DATE	BY	CHK	APP	DESCRIPTION

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.

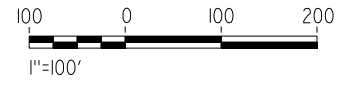
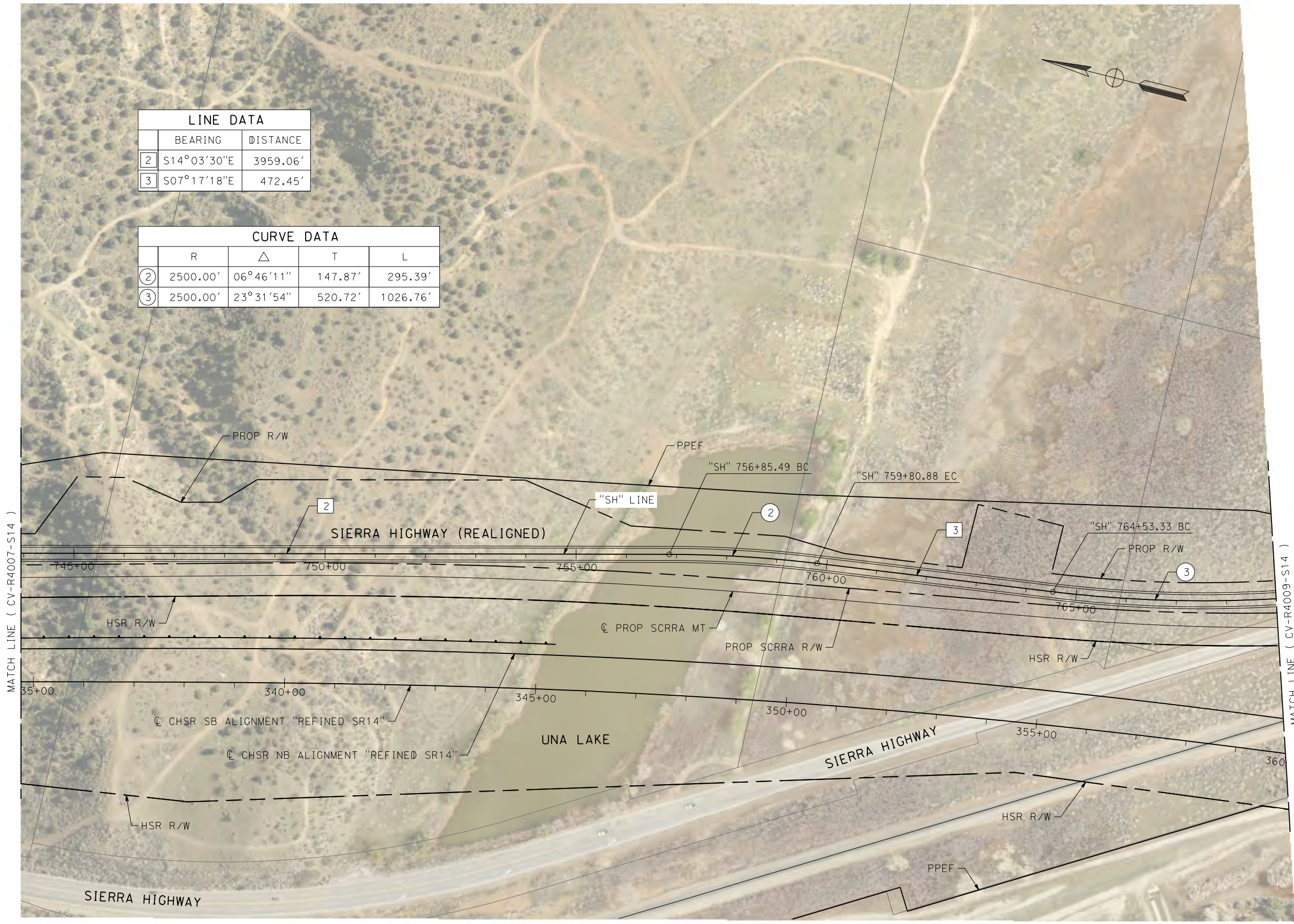
ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-R4008-S14.dgn

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**



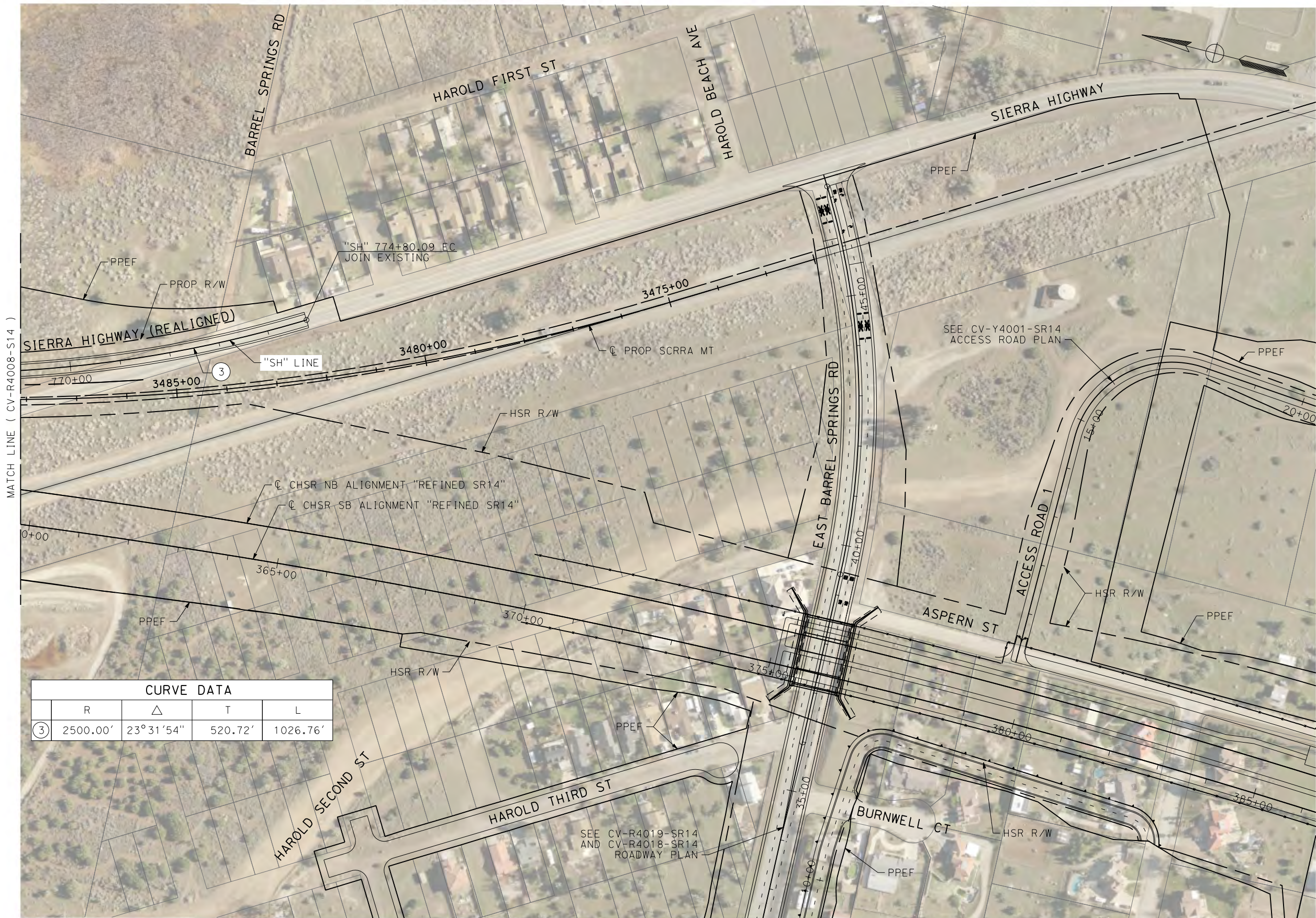
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY PLAN  
SIERRA HIGHWAY  
SHEET 3 OF 4

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

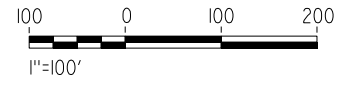
ct:\pwworkingdir\sener-us-pw\bentley.com\_sener-us-pw\01\dalia.corcoba\dms24258\VPB-CV-R4009-S14.dgn

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

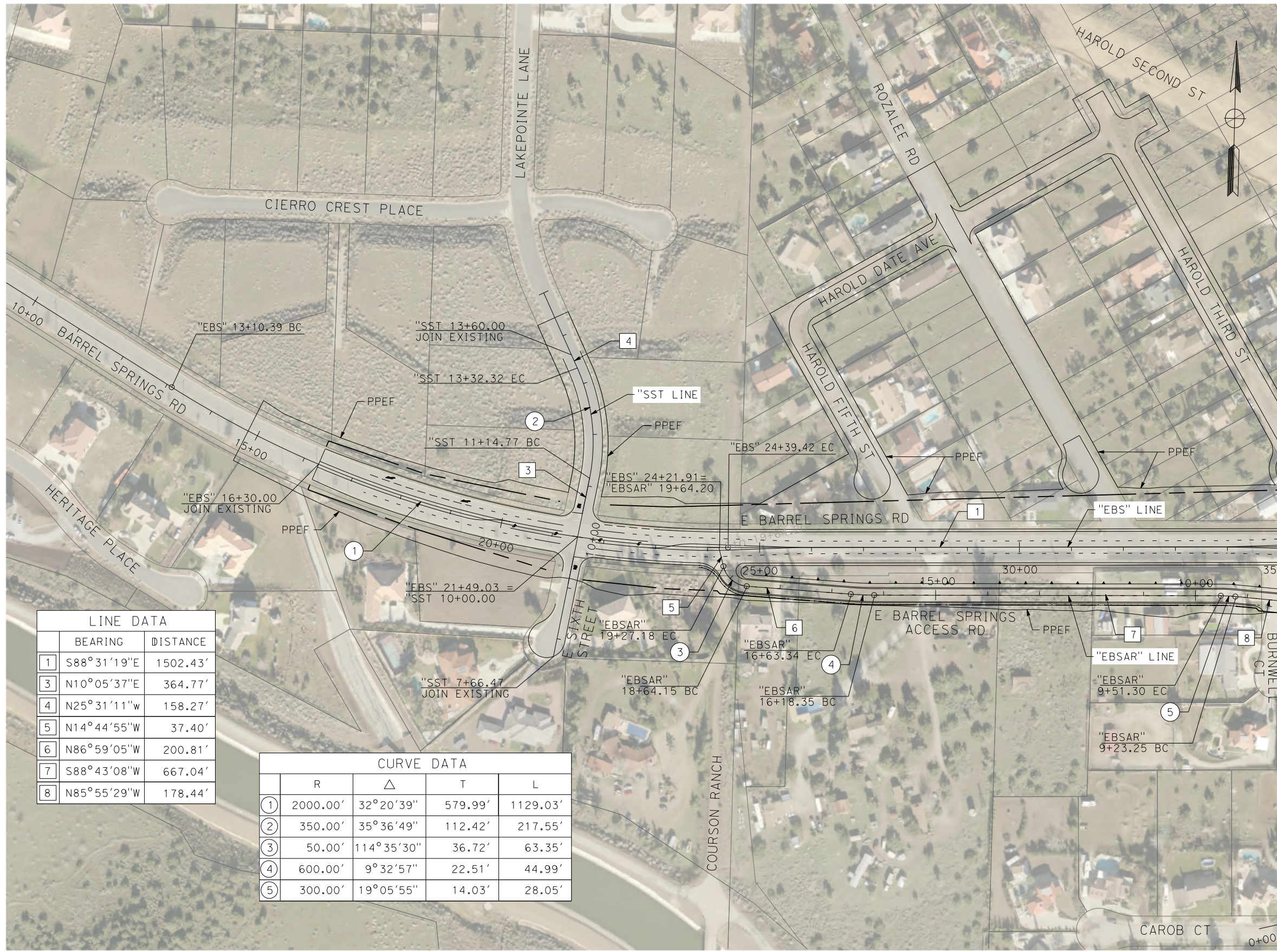
SCALE  
AS SHOWN

SHEET NO.

ct:\pwworkingdir\sener-us-pw\bentley.com\_sener-us-pw\01\dalia.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'

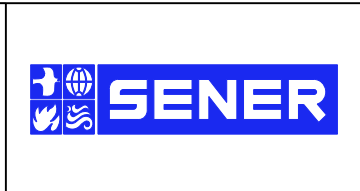


REV	DATE	BY	CHK	APP	DESCRIPTION

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

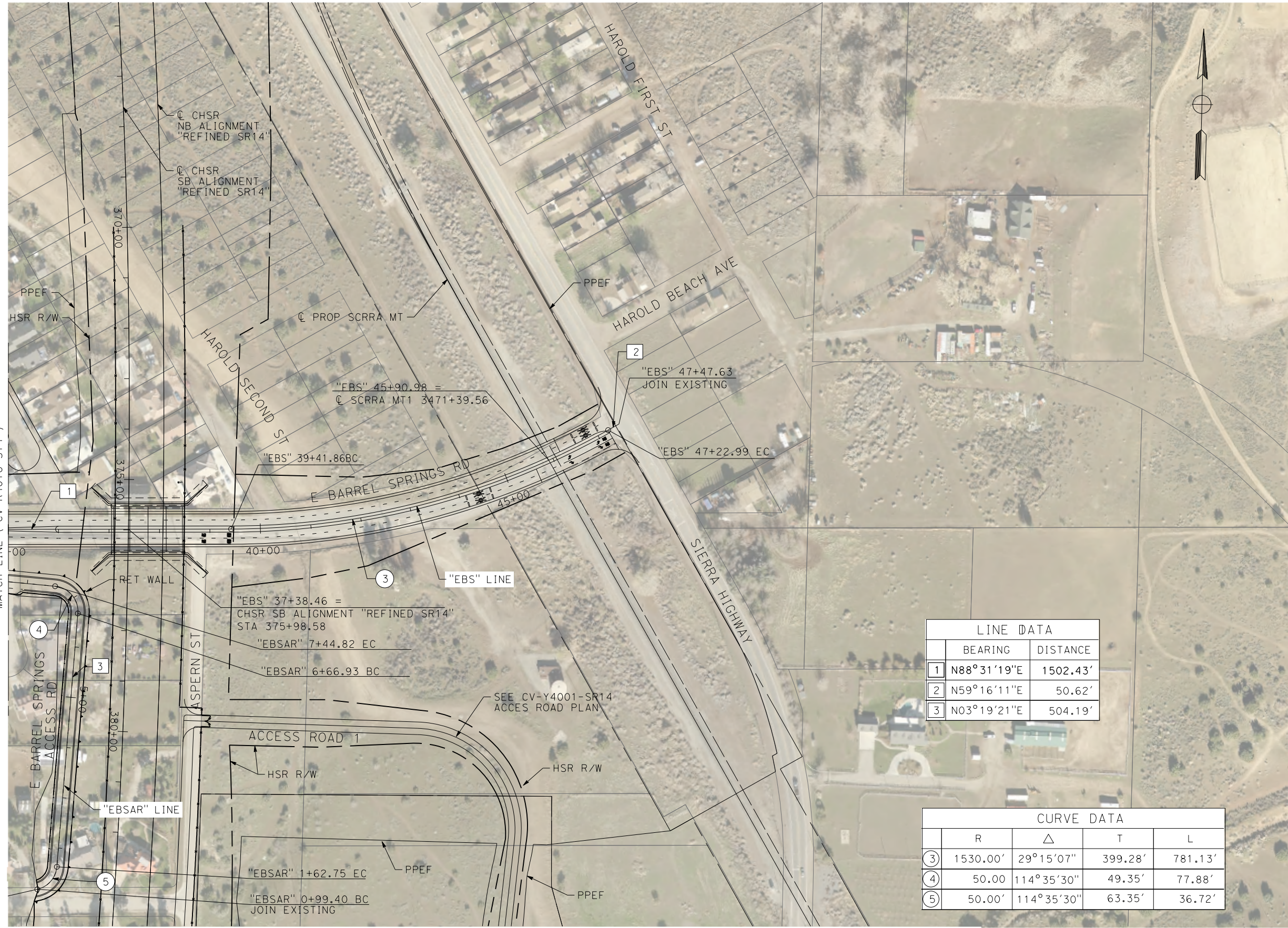
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-R4018-S14  
SCALE  
AS SHOWN  
SHEET NO.



ct:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalia.coroba\dms24258VPB-CV-R4019-S14.dgn

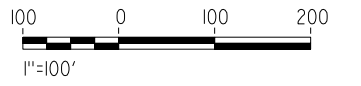
5/26/2021 8:46:10 PM

cordo



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.

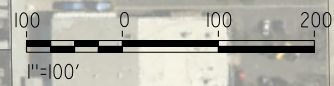
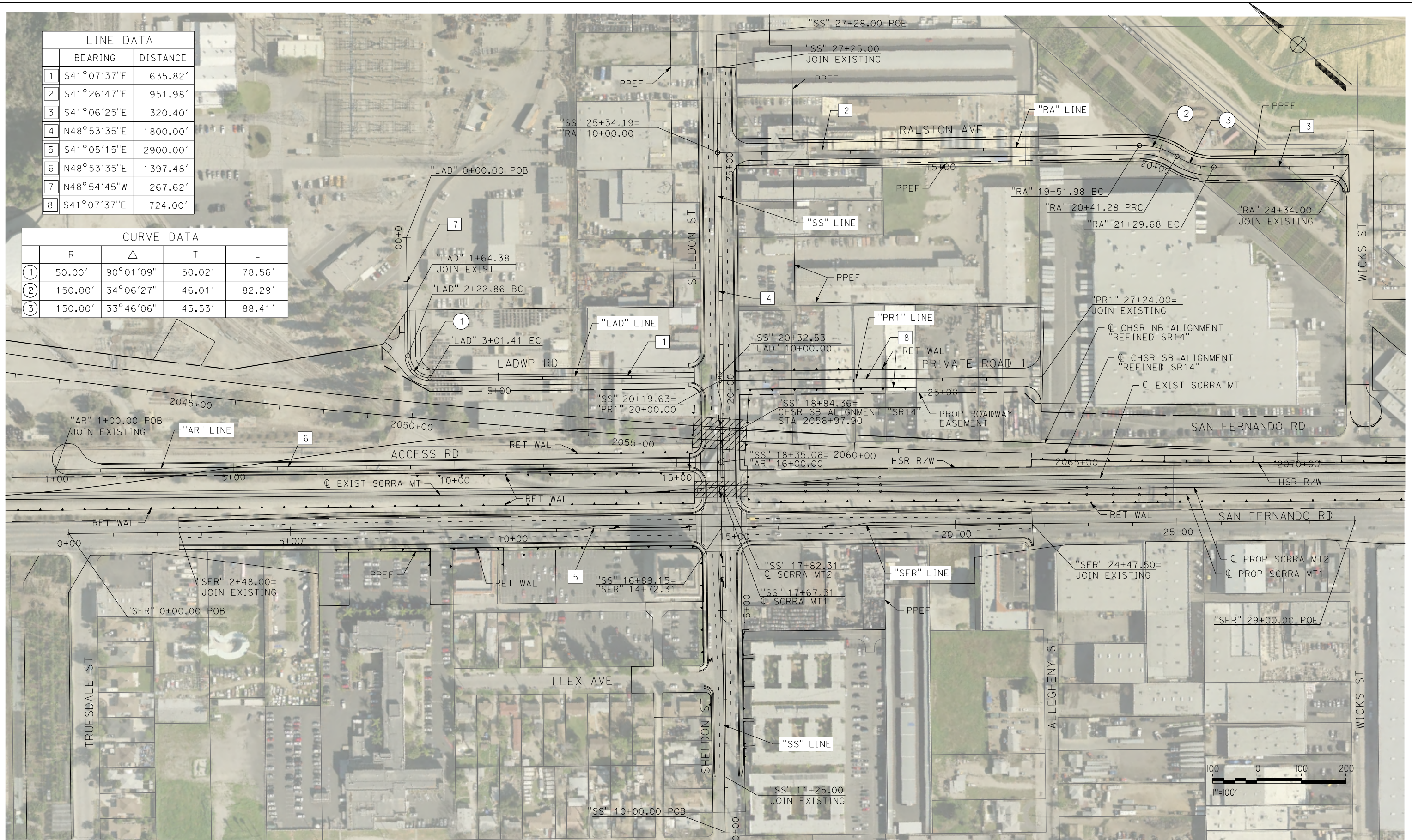
ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-R4020-S14.dgn

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**

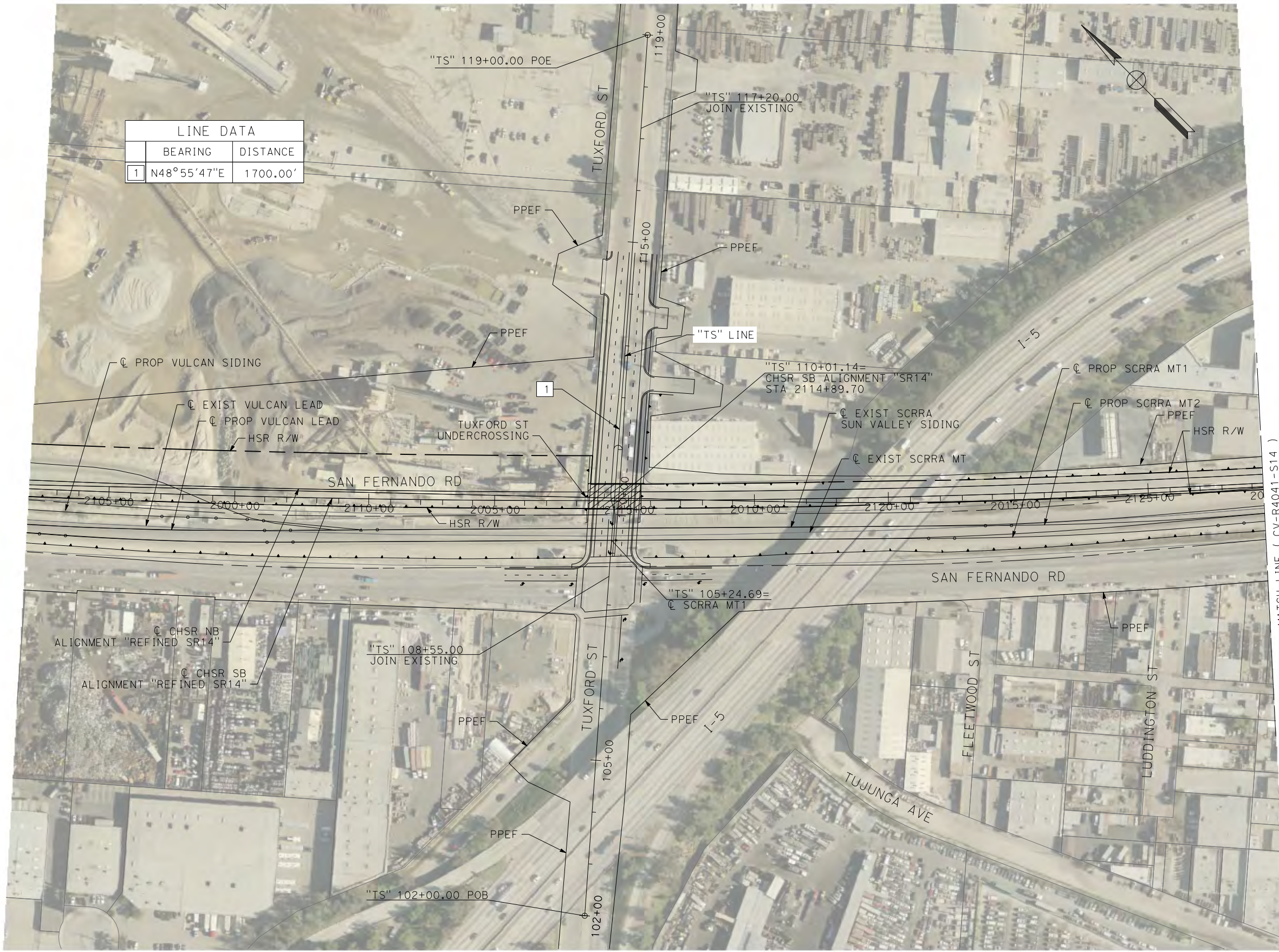
ALIGNMENT "REFINED SR14"  
LADWP RD AND ACCESS RD  
ROADWAY PLAN  
SHELDON ST, PRIVATE RD 1, RALSTON AVE

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

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R4040-S14.dgn

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**



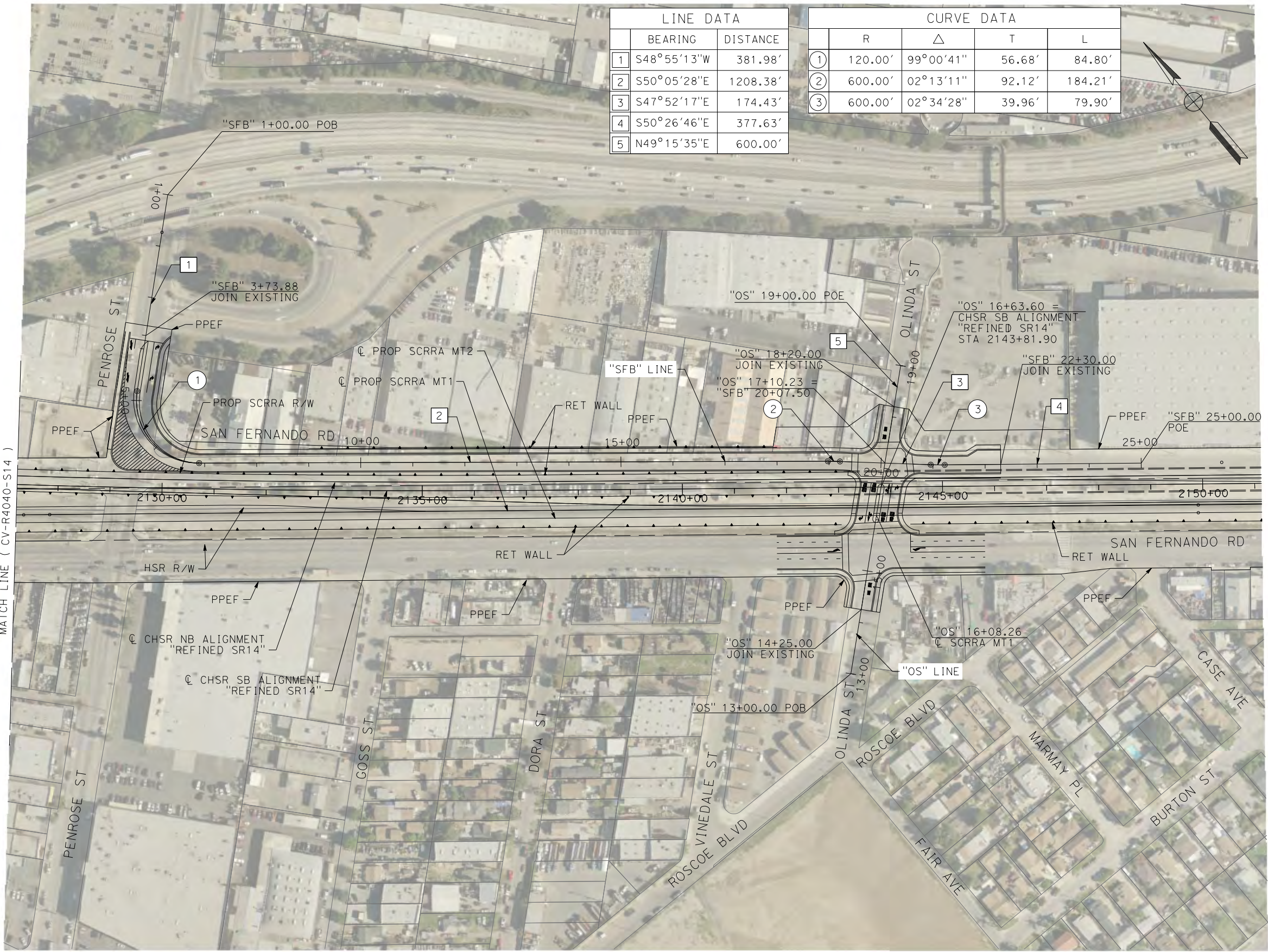
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY PLAN  
TUXFORD ST

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

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\ad\ia\cordoba\dms24258\FB-CV-R4041-S14.dgn

5/12/2021 5:09:30 PM

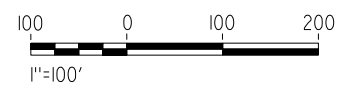
cordo



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'

MATCH LINE ( CV-R4040-S14 )



REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



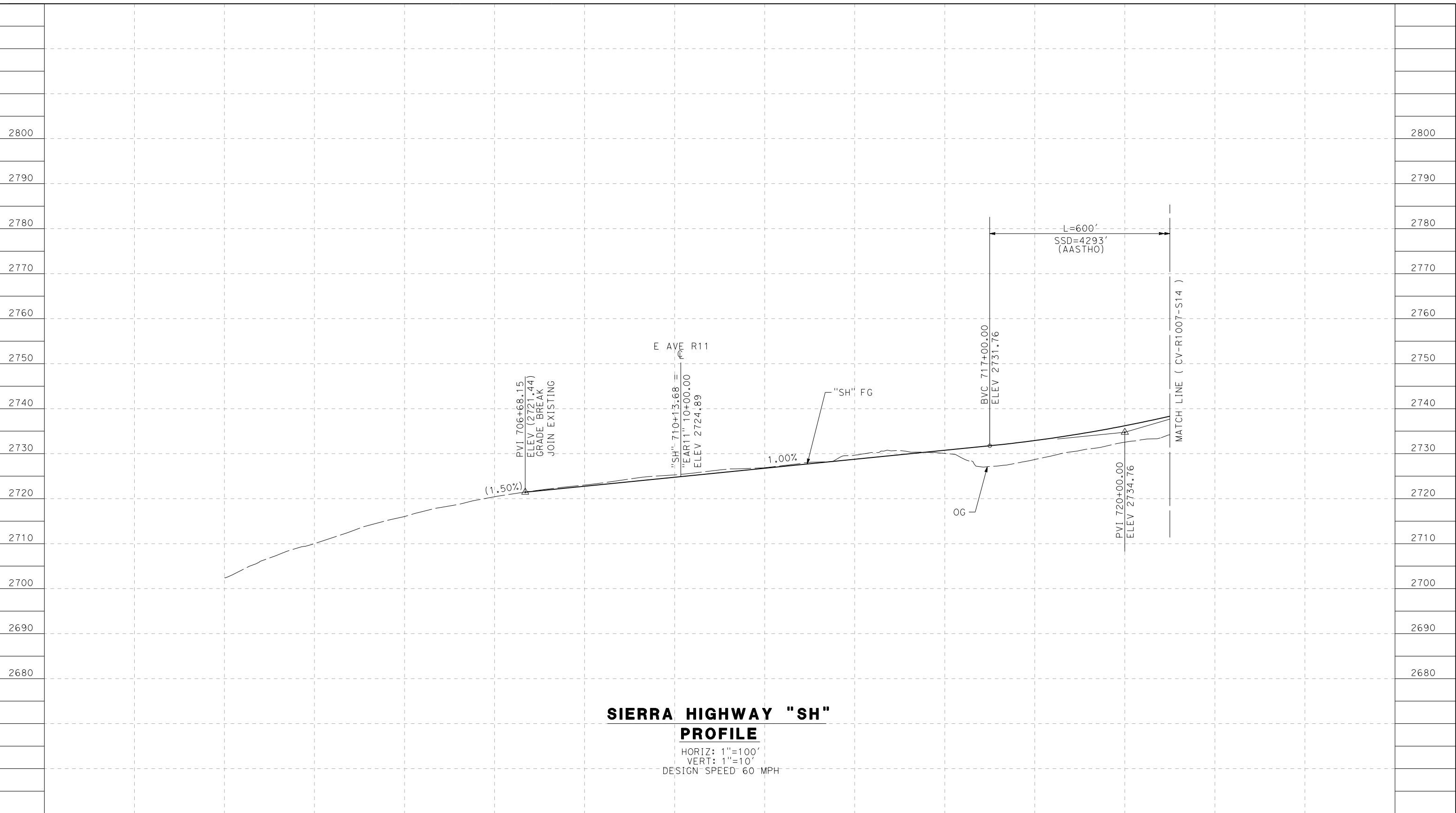
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY PLAN  
OLINDA ST AND SAN FERNANDO RD

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

c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R1006-S14.dgn

5/23/2021 6:26:45 PM

cordo



**SIERRA HIGHWAY "SH"  
PROFILE**

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

STATION	698+00	700+00	702+00	704+00	706+00	708+00	710+00	712+00	714+00	716+00	718+00	720+00	TOTAL
CY	Exc												
	Emb												

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

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



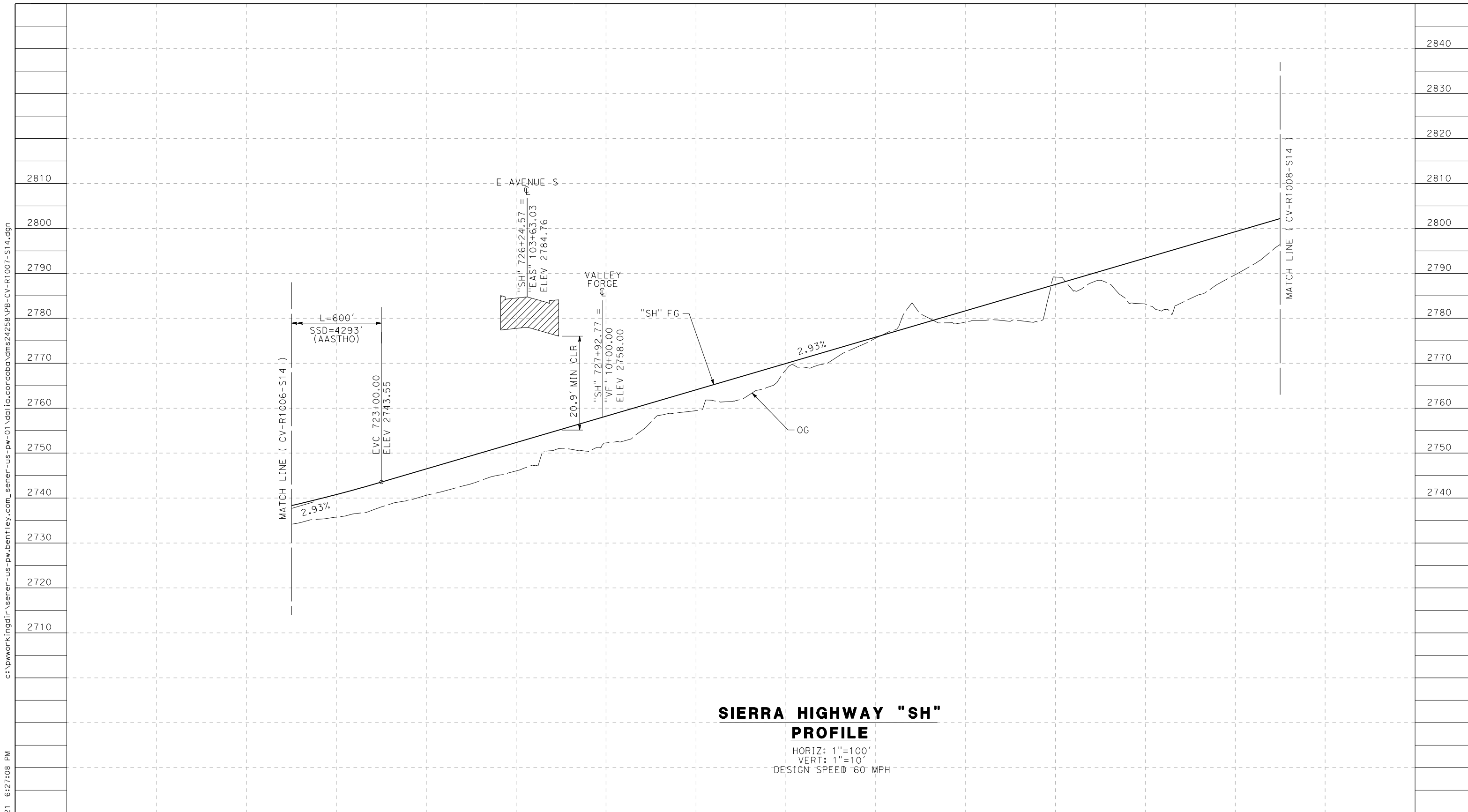
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY PROFILE  
SIERRA HIGHWAY  
SHEET 1 OF 4

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

REV	DATE	BY	CHK	APP	DESCRIPTION

5/23/2021 6:27:08 PM c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-R1007-S14.dgn

cordo



**SIERRA HIGHWAY "SH"  
PROFILE**

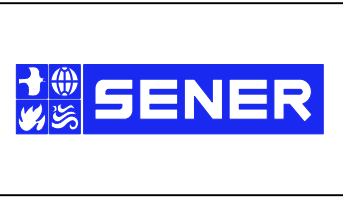
HORIZ: 1"=100'  
VERT: 1"=10'  
DESIGN SPEED 60 MPH

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

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



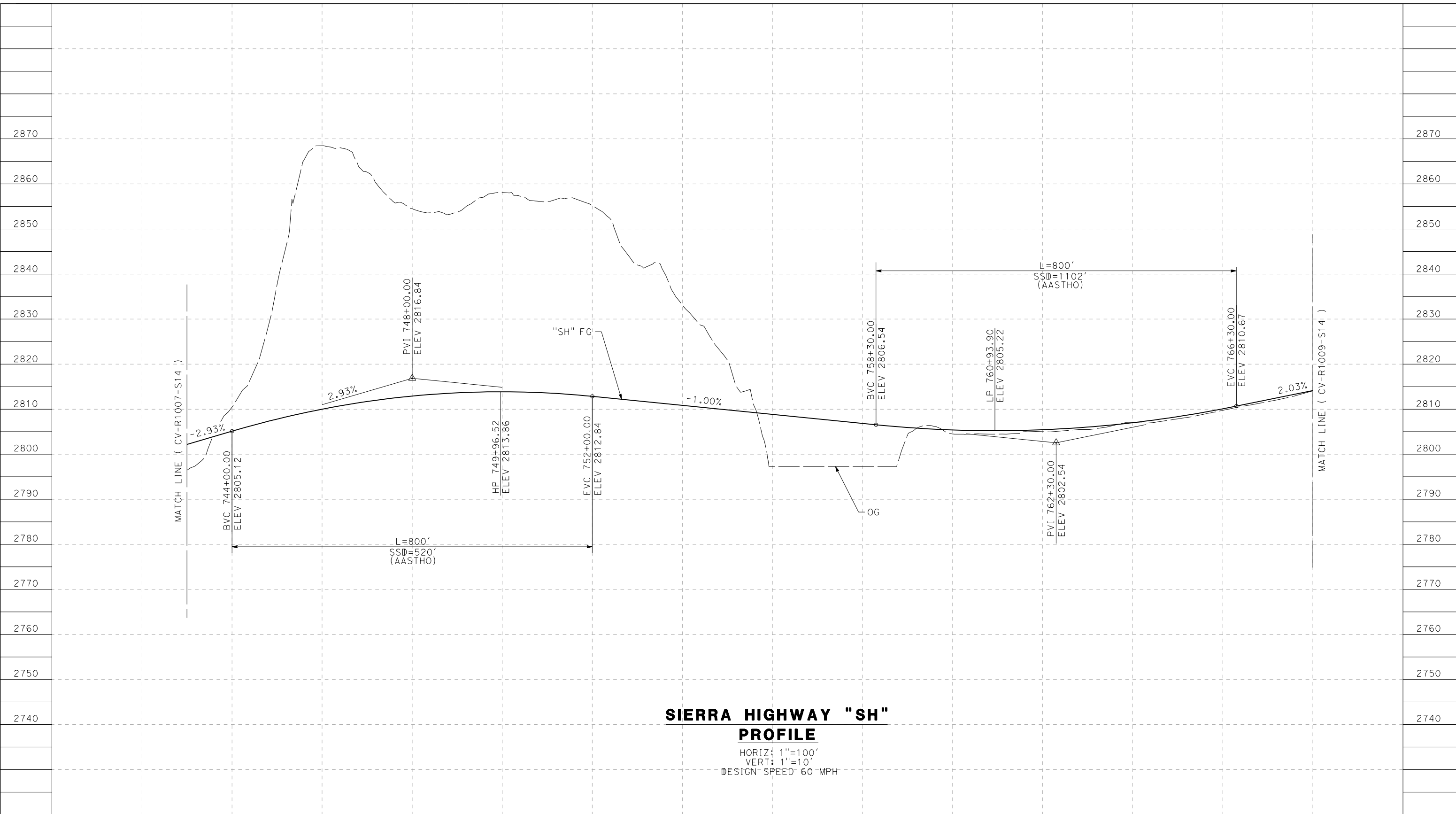
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY PROFILE  
SIERRA HIGHWAY  
SHEET 2 OF 4

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

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R1008-S14.dgn

5/23/2021 6:27:29 PM

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
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 3 OF 4

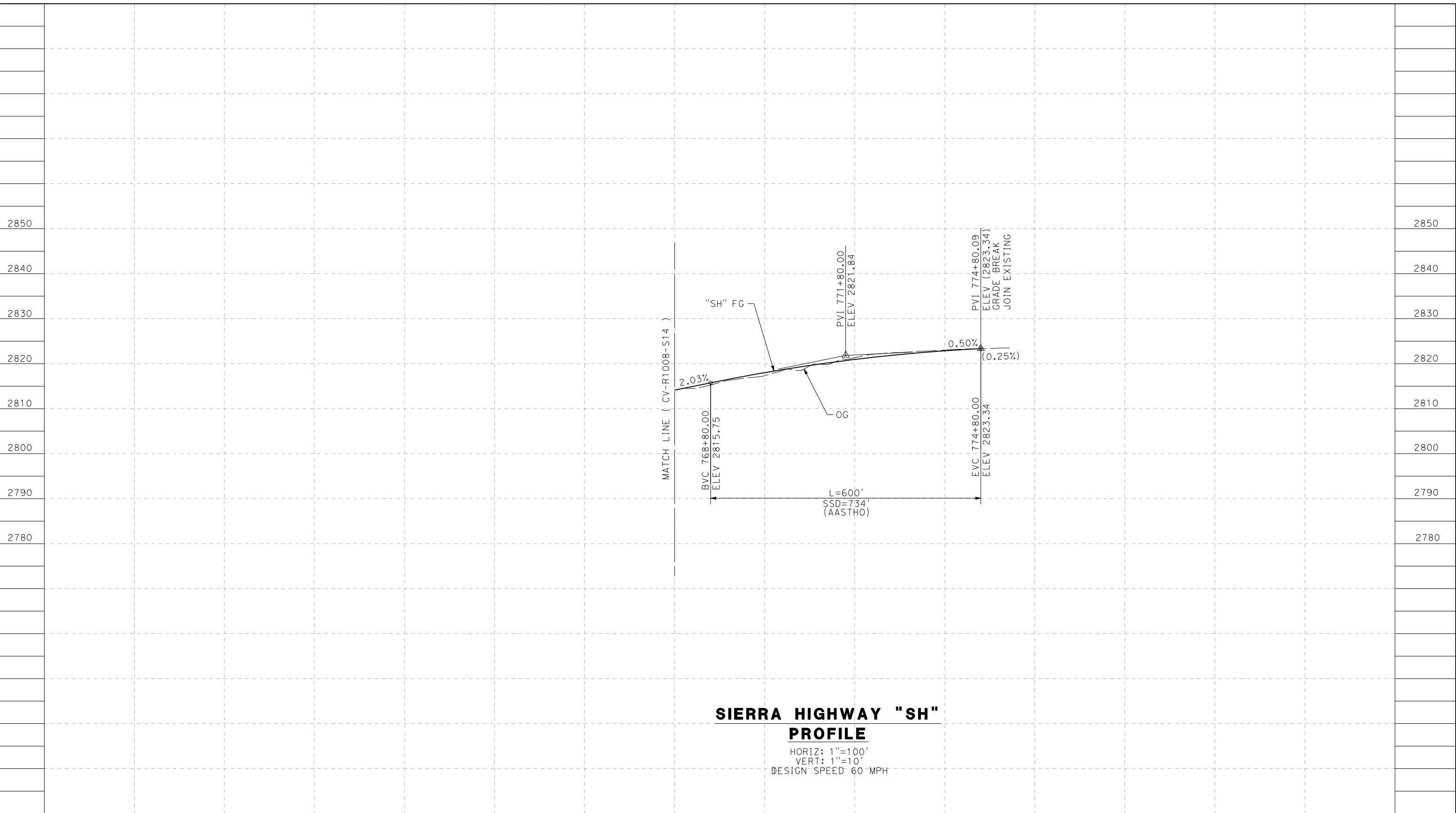
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-R1008-S14  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-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
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 4 OF 4

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

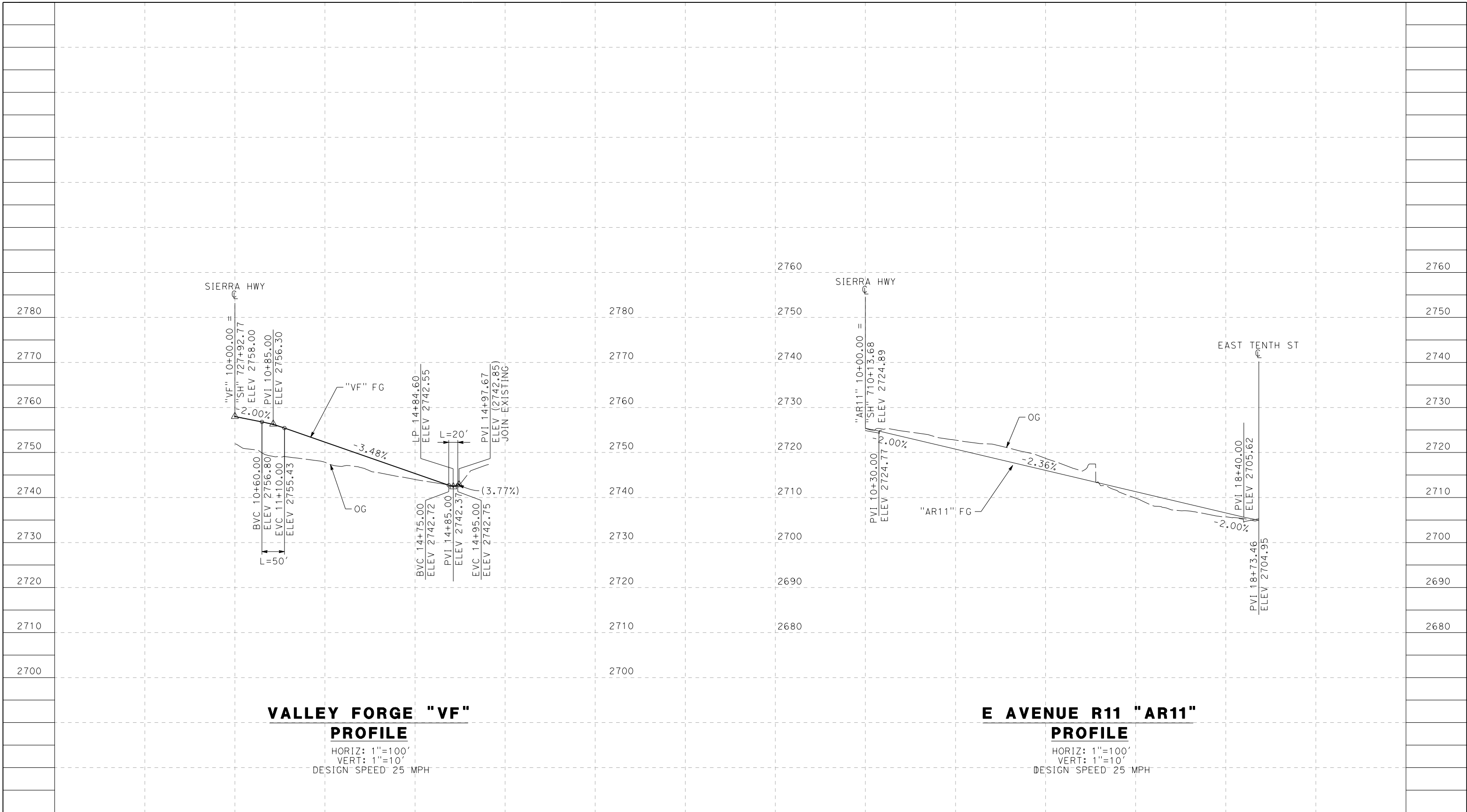
REV	DATE	BY	CHK	APP	DESCRIPTION



c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dal\ia\cordoba\dms24258\VPB-CV-R1009A-S14.dgn

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

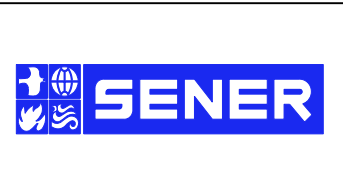
STATION	10+00	12+00	14+00	16+00	18+00	10+00	12+00	14+00	16+00	18+00	20+00	TOTAL
CY	Exc											
	Emb											

REV	DATE	BY	CHK	APP	DESCRIPTION

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

**PEPD RECORD SET  
 REV 02**

**NOT FOR  
 CONSTRUCTION**

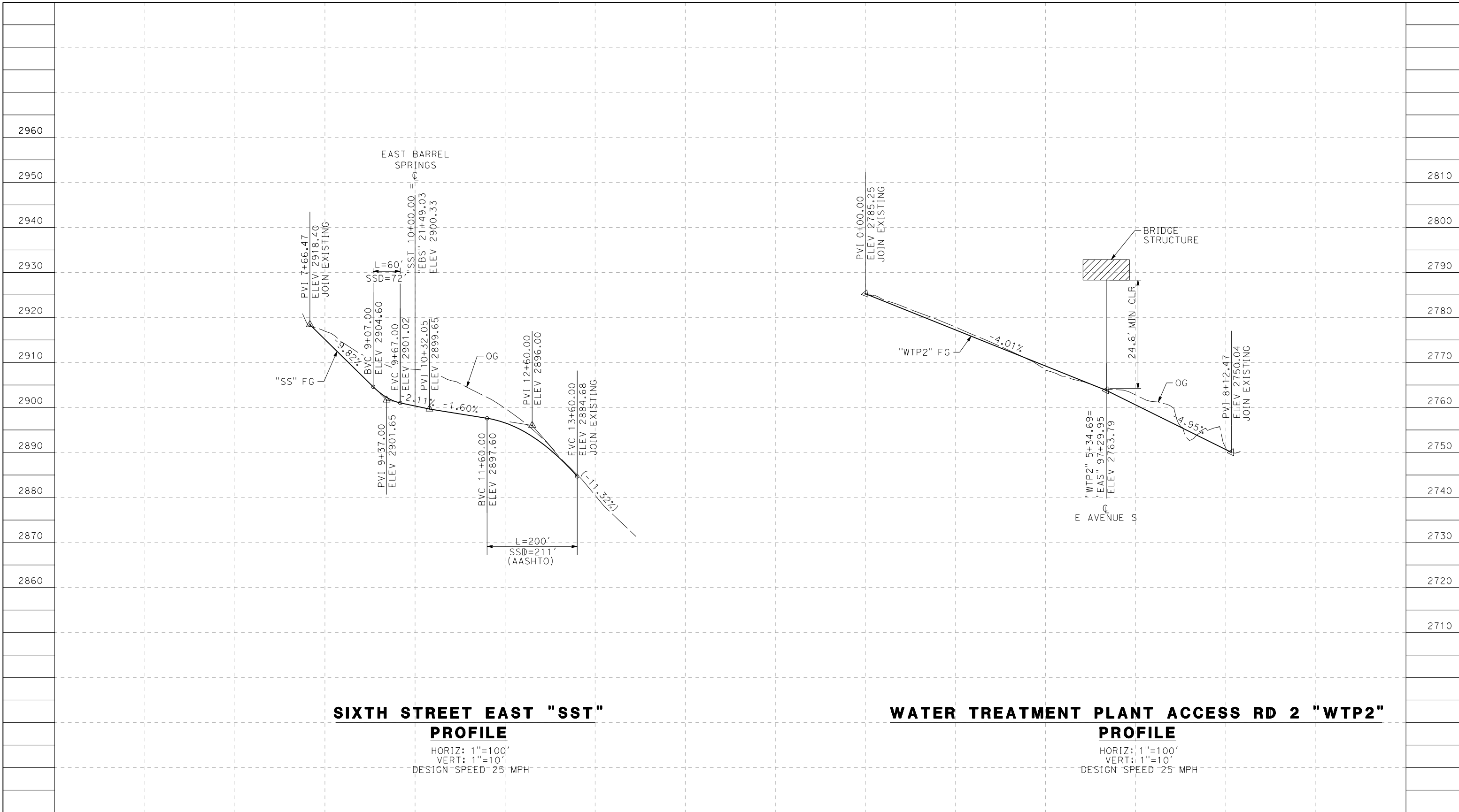


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**

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.

5/26/2021 8:24:18 PM c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R1009B-S14.dgn



**SIXTH STREET EAST "SST" PROFILE**

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

**WATER TREATMENT PLANT ACCESS RD 2 "WTP2" PROFILE**

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

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

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



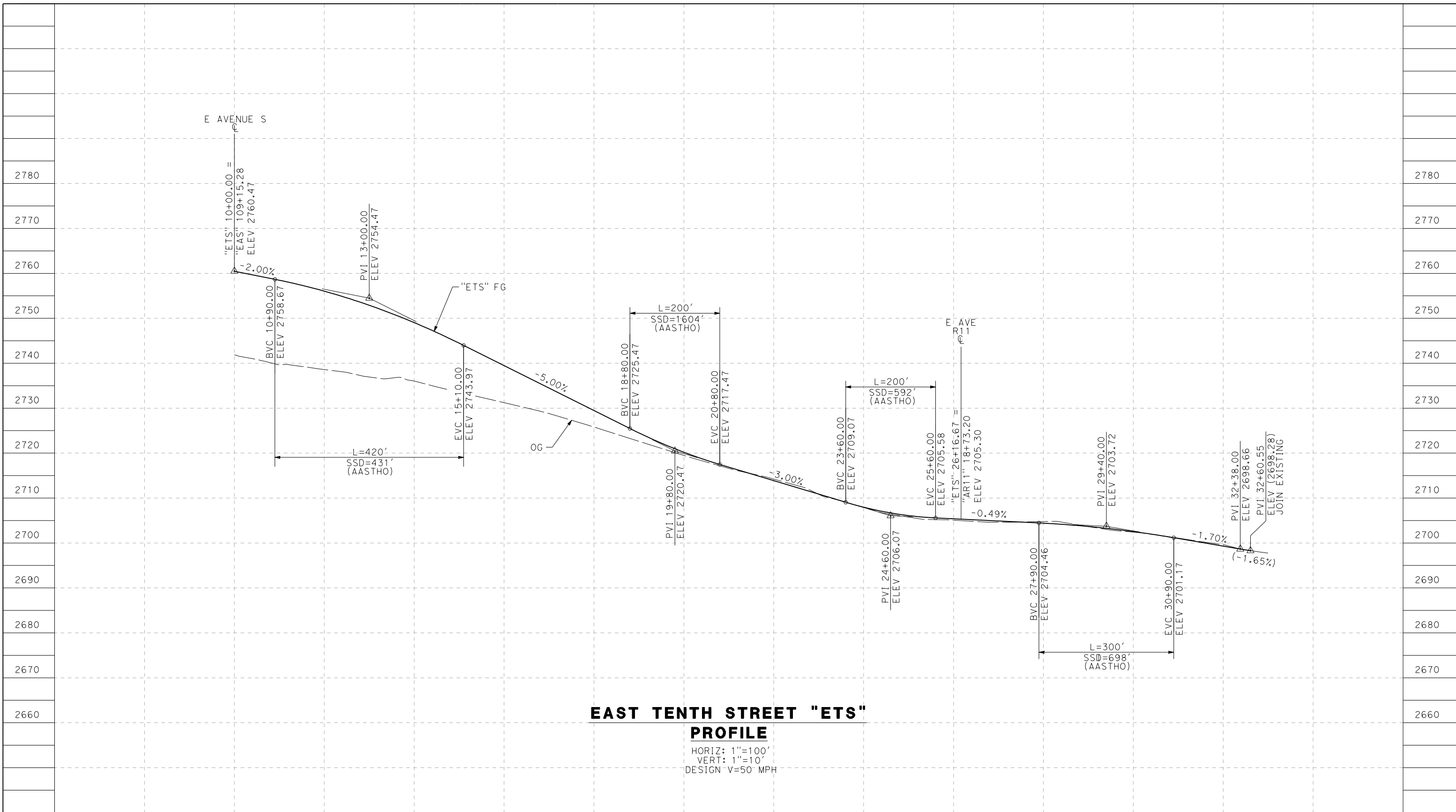
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY PROFILE  
 SIXTH STREET EAST AND  
 WATER TREATMENT PLANT ACCESS RD 2

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

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R1009C-S14.dgn

5/23/2021 6:28:27 PM

cordo



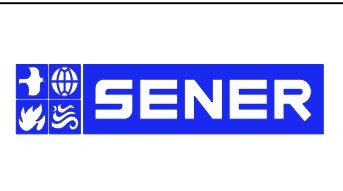
STATION	10+00	12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	30+00	32+00	34+00	TOTAL
Exc														
Emb														

REV	DATE	BY	CHK	APP	DESCRIPTION

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

**PEPD RECORD SET  
REV 02**

**NOT FOR  
CONSTRUCTION**

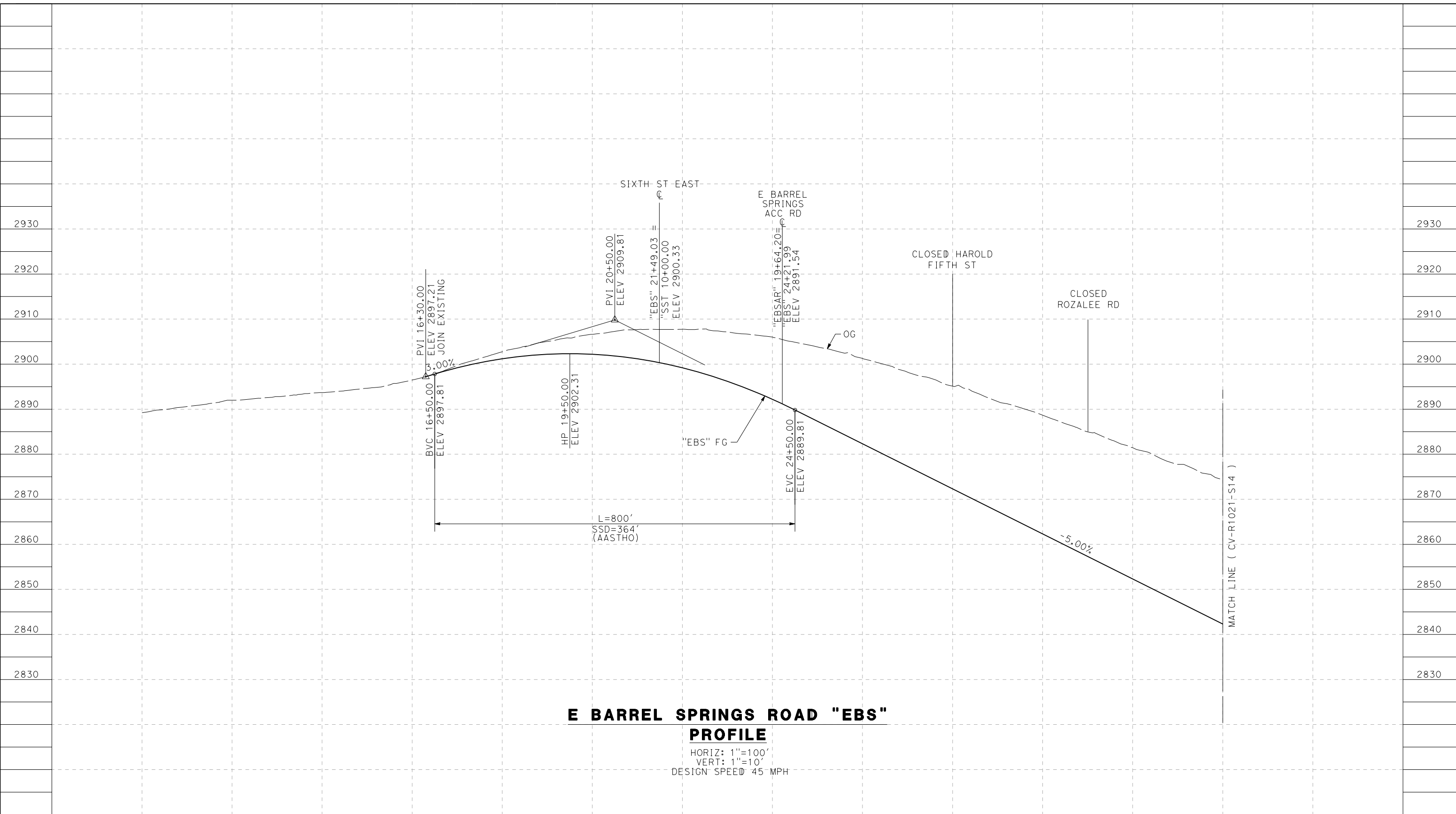


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY PROFILE  
 EAST TENTH STREET

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

5/23/2021 6:28:40 PM c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R1020-S14.dgn

cordo



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

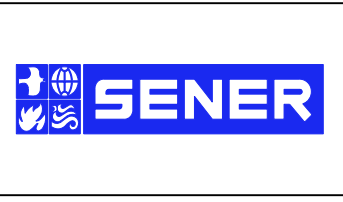
HORIZ: 1"=100'  
 VERT: 1"=10'  
 DESIGN SPEED 45 MPH

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														

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



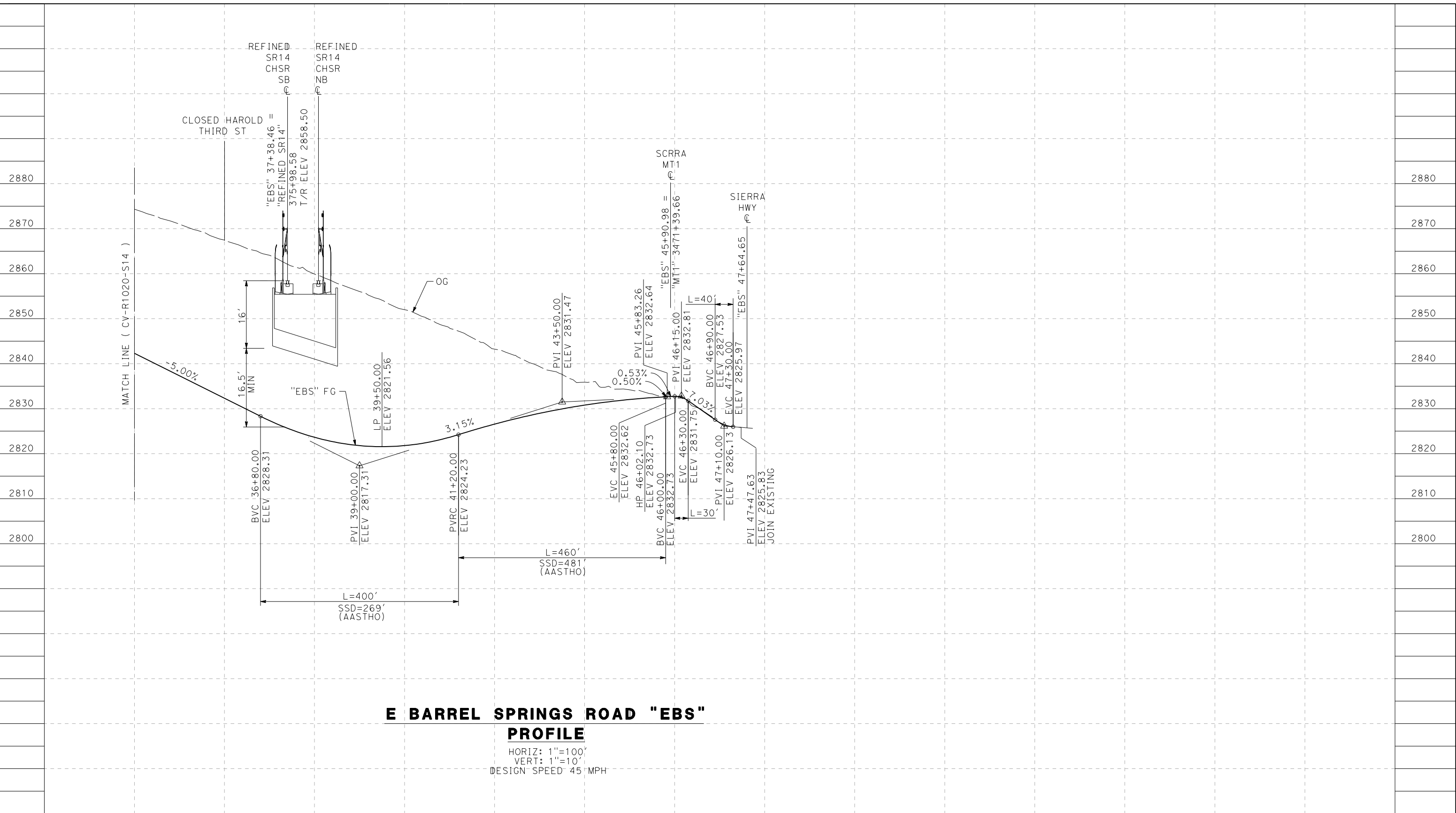
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY PROFILE  
 E BARREL SPRINGS ROAD  
 SHEET 1 OF 2

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

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-R1021-S14.dgn

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
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 2 OF 2

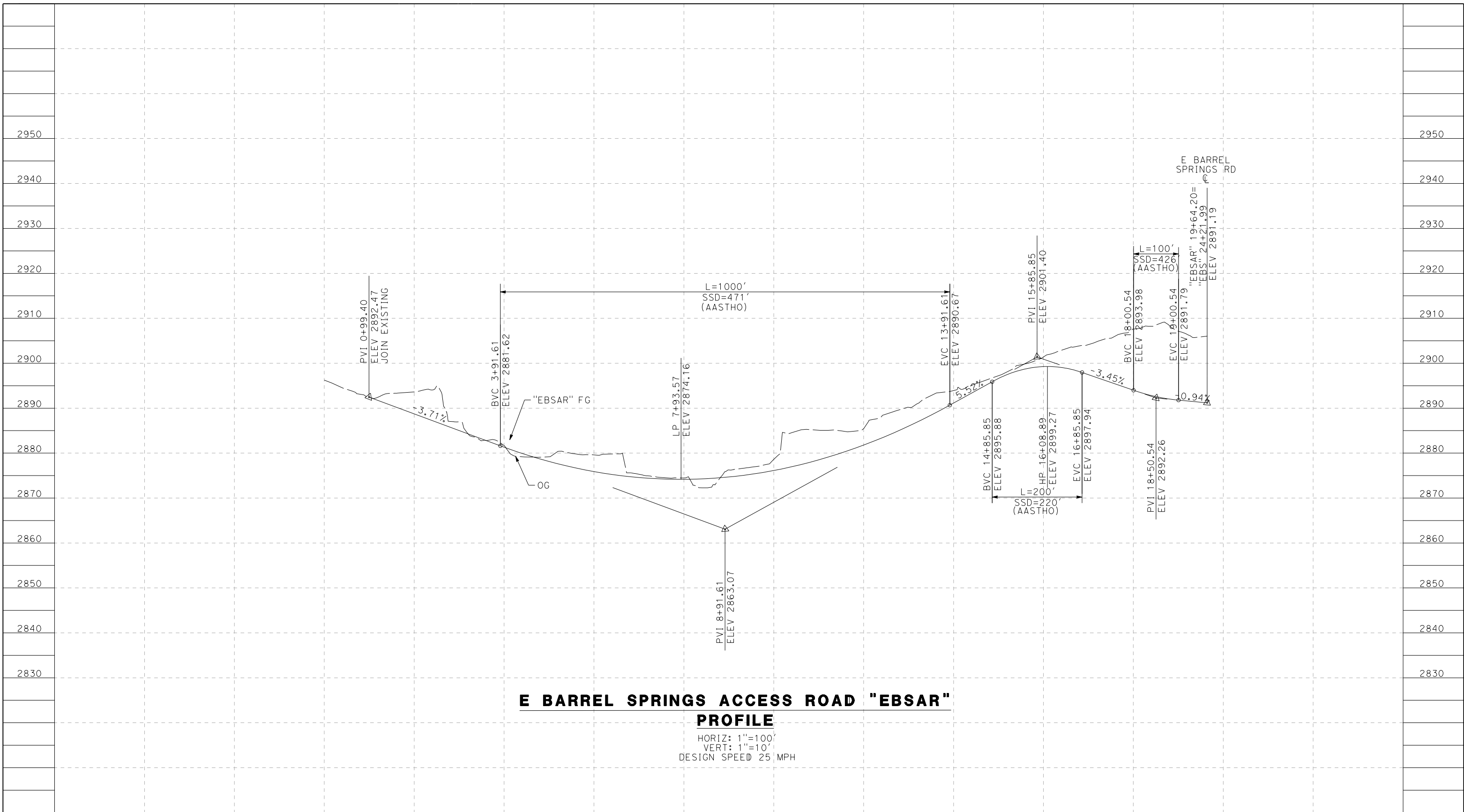
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-R1021-S14  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-R1021A-S14.dgn

5/27/2021 5:48:45 AM

cordo



**E BARREL SPRINGS ACCESS ROAD "EBSAR"  
PROFILE**

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

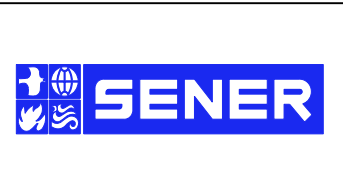
STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	18+00	20+00	TOTAL
CY	Exc											
	Emb											

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**



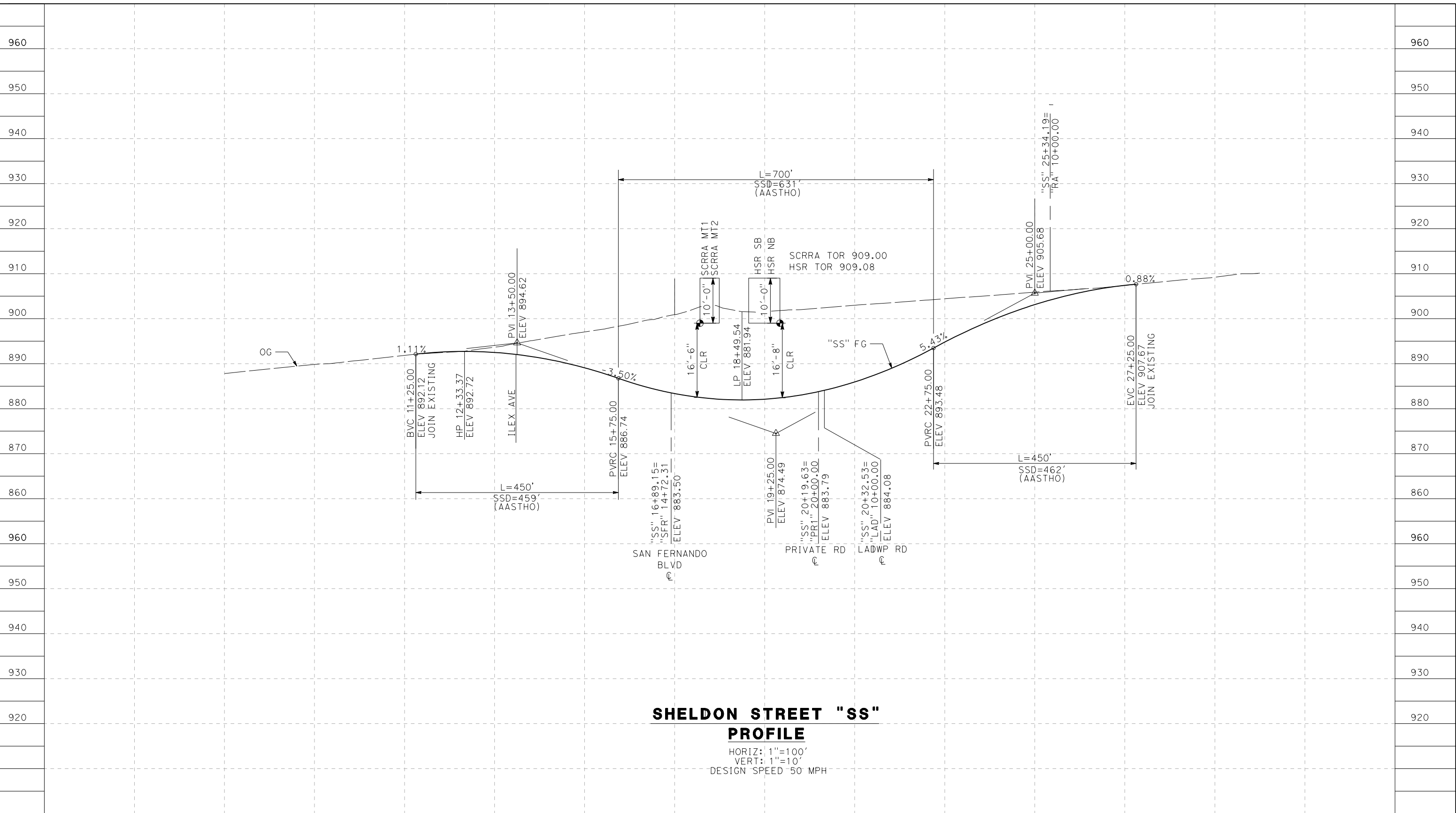
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**

ALIGNMENT "REFINED SR14"  
ROADWAY PROFILE  
E BARREL SPRINGS ACCESS ROAD

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

C:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R1022-S14.dgn

5/26/2021 9:29:00 AM cordo

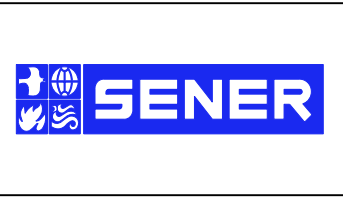


**SHELDON STREET "SS"**  
**PROFILE**  
 HORIZ: 1"=100'  
 VERT: 1"=10'  
 DESIGN SPEED 50 MPH

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

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

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



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY PROFILE  
 SHELDON STREET

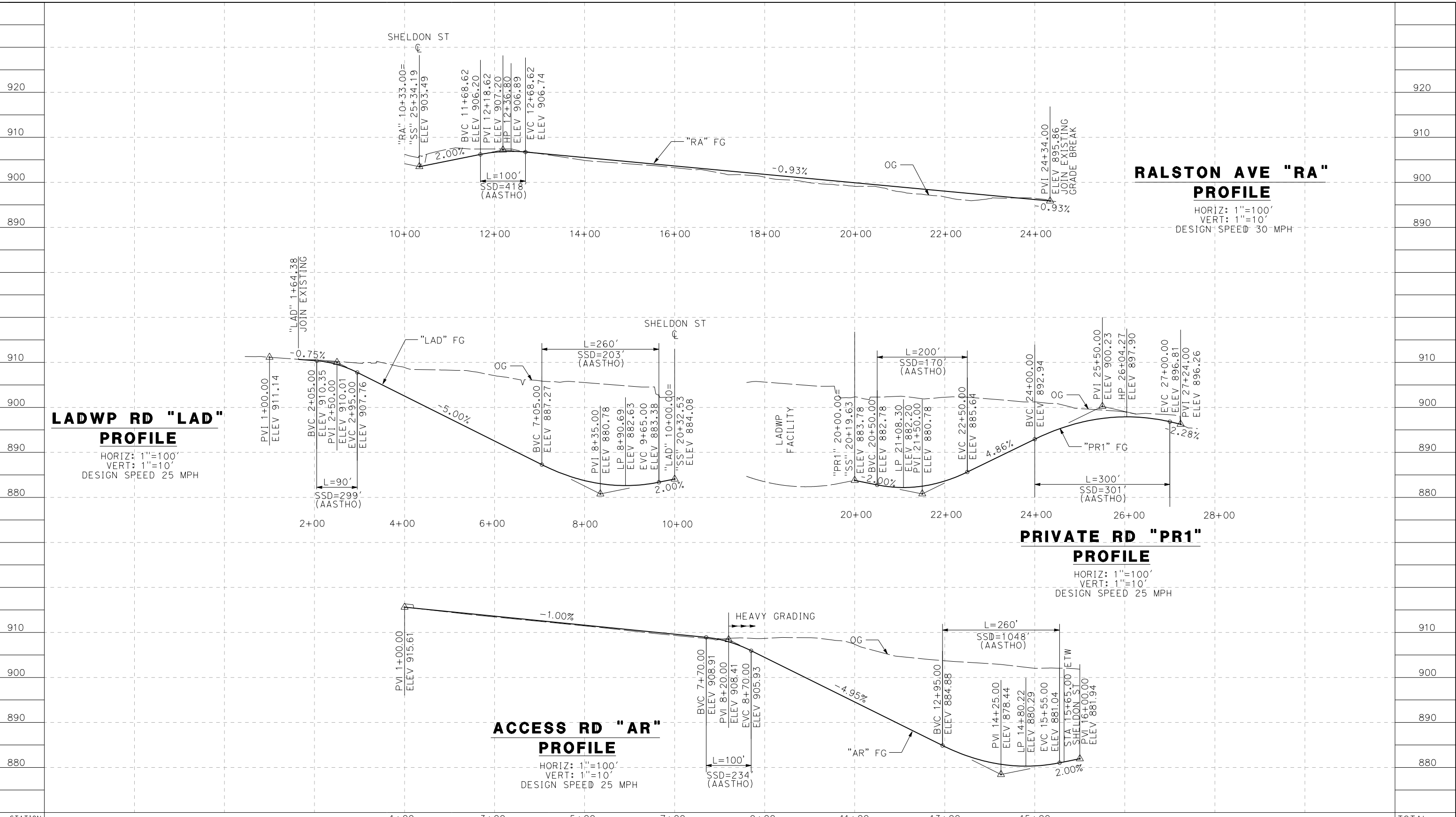
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-R1022-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R1023-S14.dgn

5/26/2021 9:15:24 PM

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

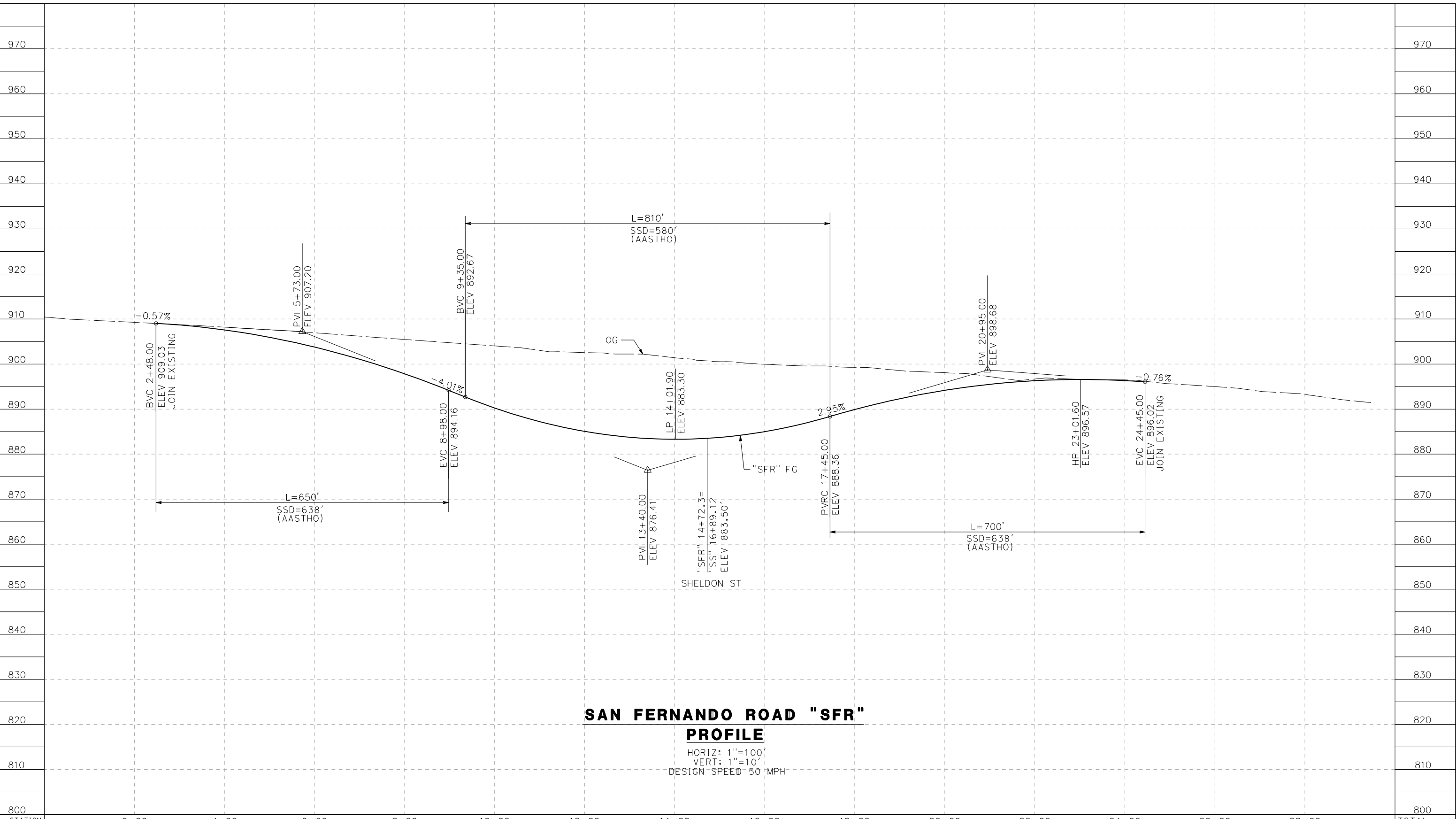
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-R1023-S14  
SCALE  
AS SHOWN  
SHEET NO.



c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R1024-S14.dgn

5/27/2021 5:58:18 AM

cordo



**SAN FERNANDO ROAD "SFR"  
PROFILE**

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

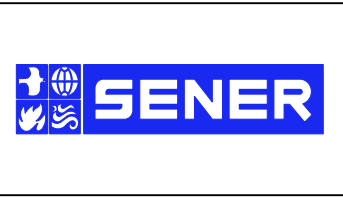
STATION	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	TOTAL
CY	Exc														
	Emb														

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**

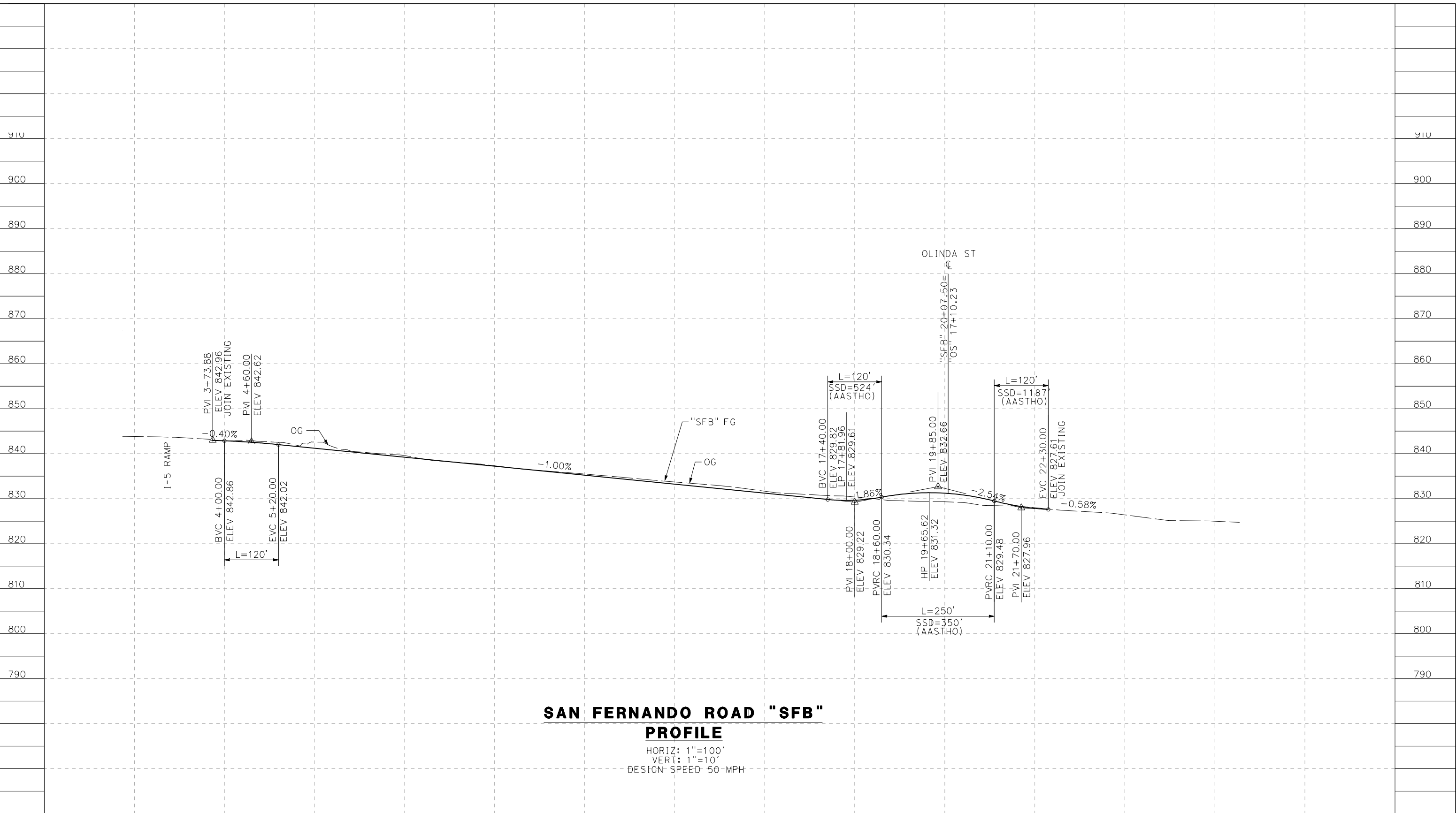
ALIGNMENT "REFINED SR14"  
ROADWAY PROFILE  
SAN FERNANDO ROAD "SFR"

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

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R1025-SR14.dgn

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													

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

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



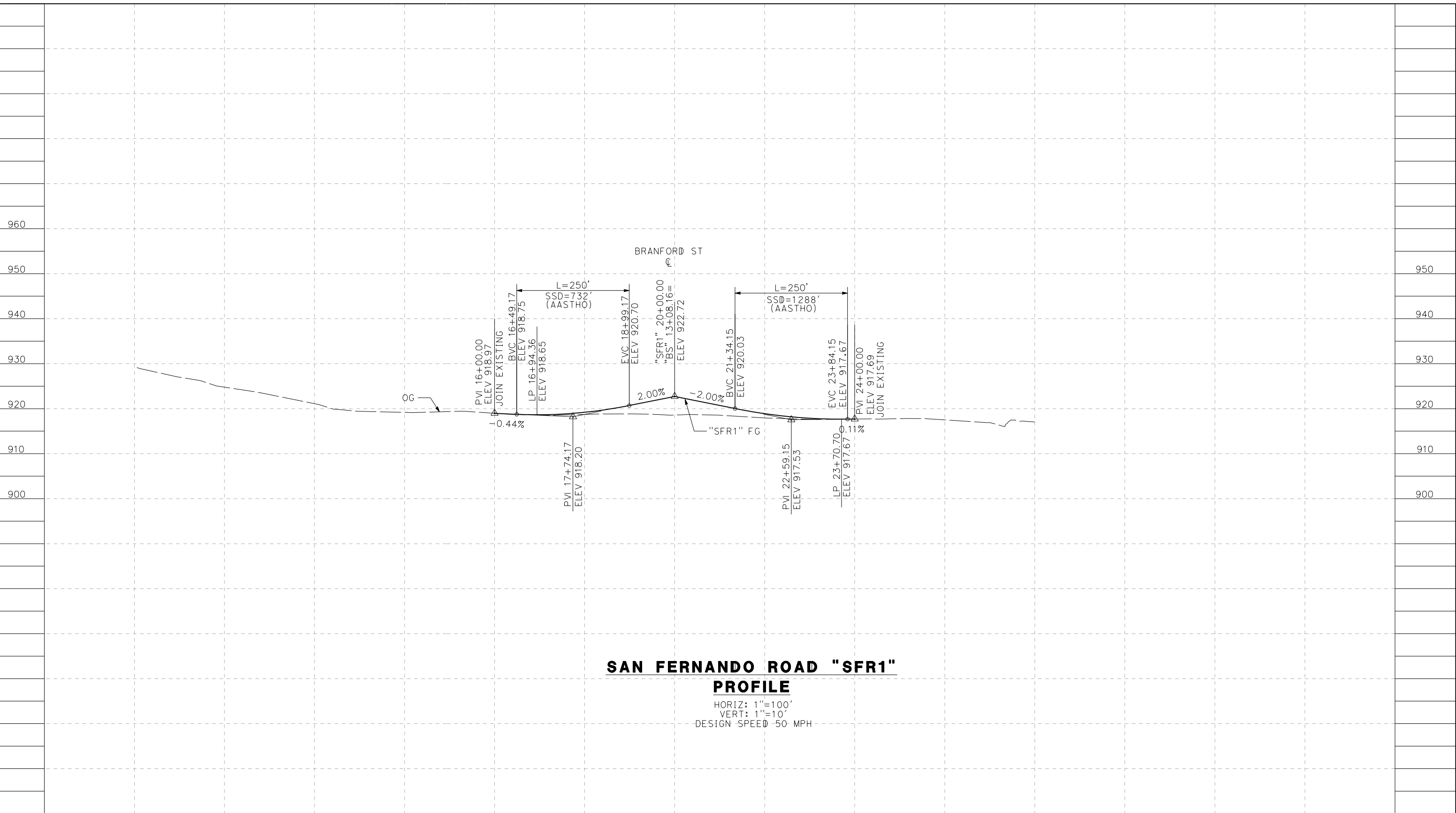
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ROADWAY PROFILE  
SAN FERNANDO ROAD "SFB"

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

REV	DATE	BY	CHK	APP	DESCRIPTION

5/23/2021 6:30:17 PM c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R1026-S14.dgn

cordo



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

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

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

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



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY PROFILE  
 SAN FERNANDO ROAD "SFR1"

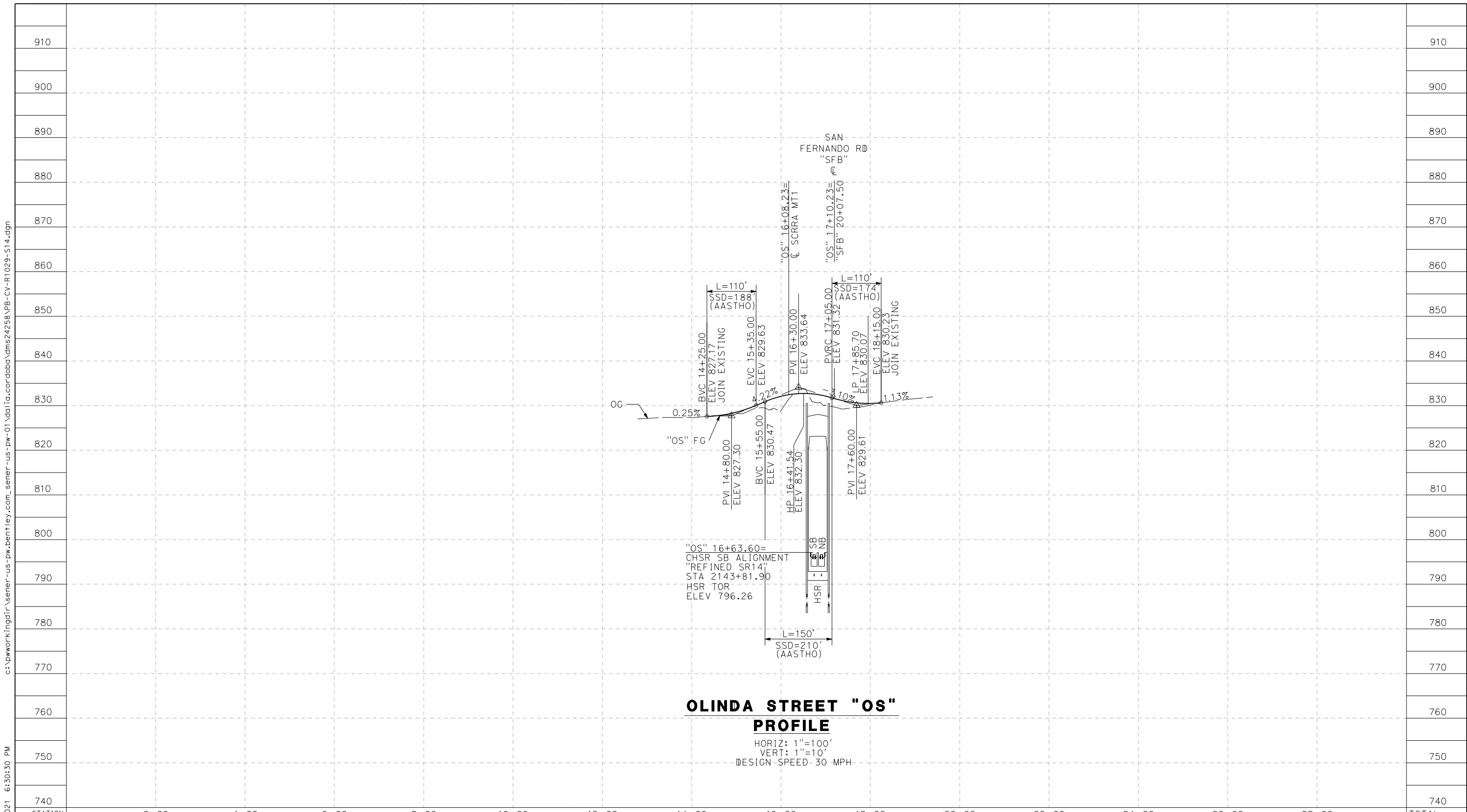
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-R1026-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

5/23/2021 6:30:30 PM c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R1029-S14.dgn

cordo

cordo



**OLINDA STREET "OS" PROFILE**

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

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

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



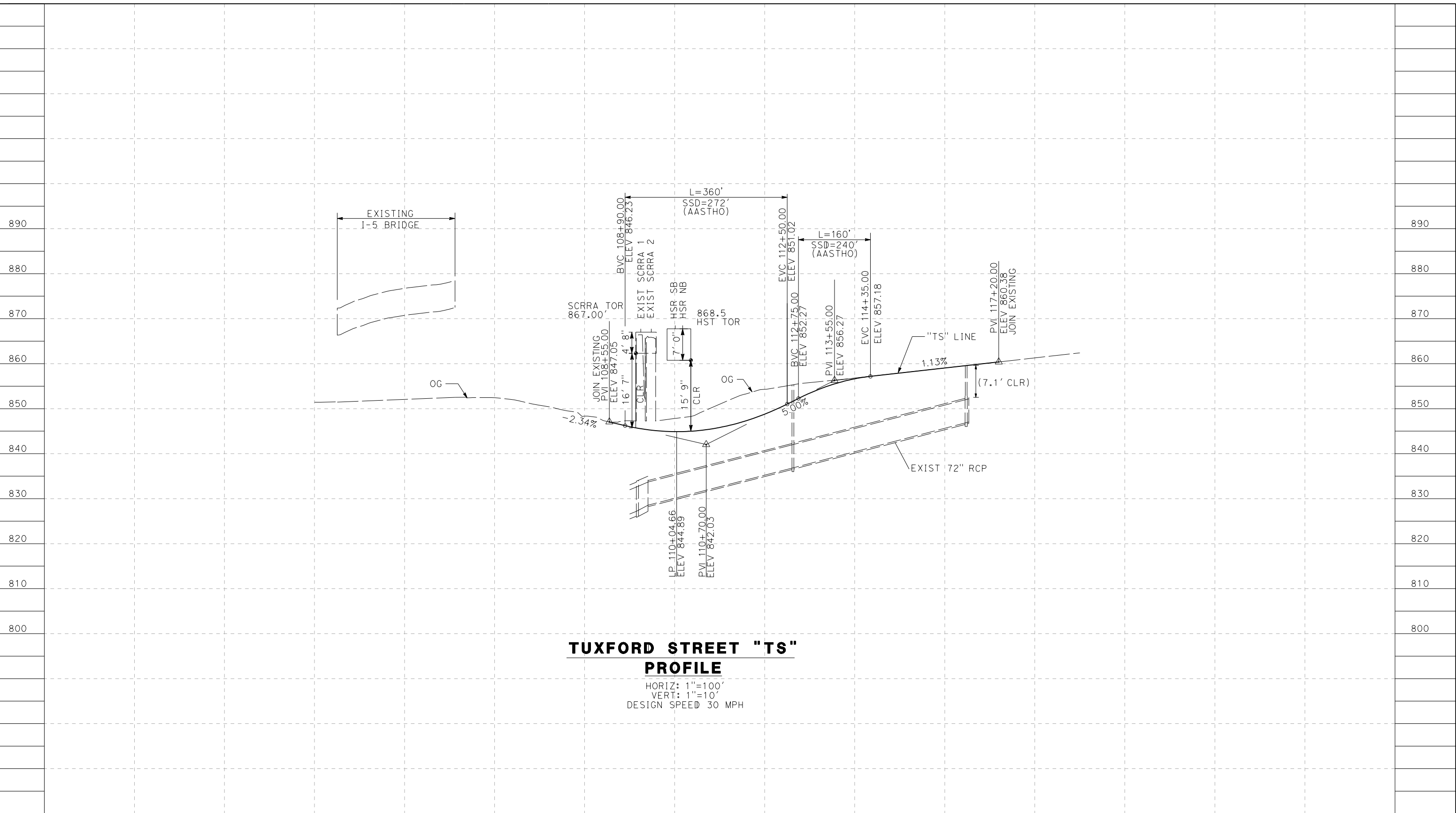
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ROADWAY PROFILE  
 OLINDA STREET

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

c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-R1030-S14.dgn

5/23/2021 6:30:49 PM

cordo



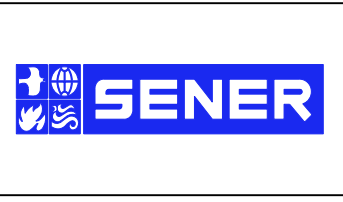
STATION	102+00	104+00	106+00	108+00	110+00	112+00	114+00	116+00	118+00	TOTAL
CY	Exc									
	Emb									

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**

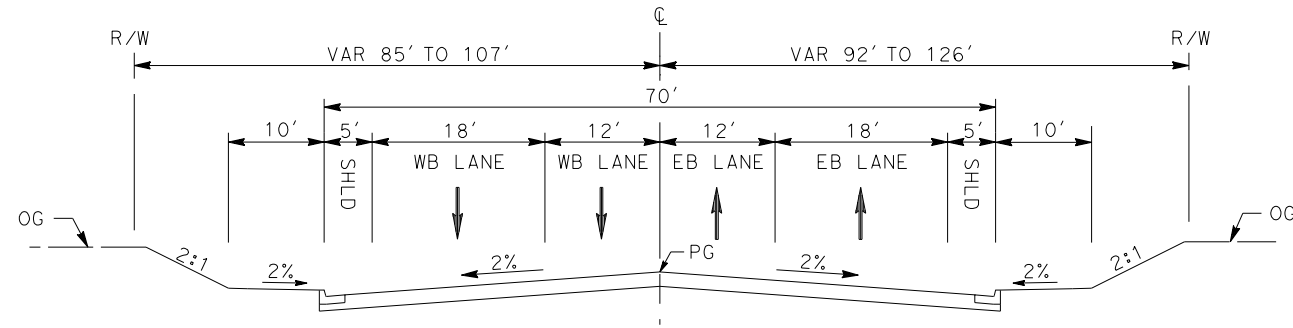
ALIGNMENT "REFINED SR14"  
 ROADWAY PROFILE  
 TUXFORD STREET

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

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R3001-S14.dgn

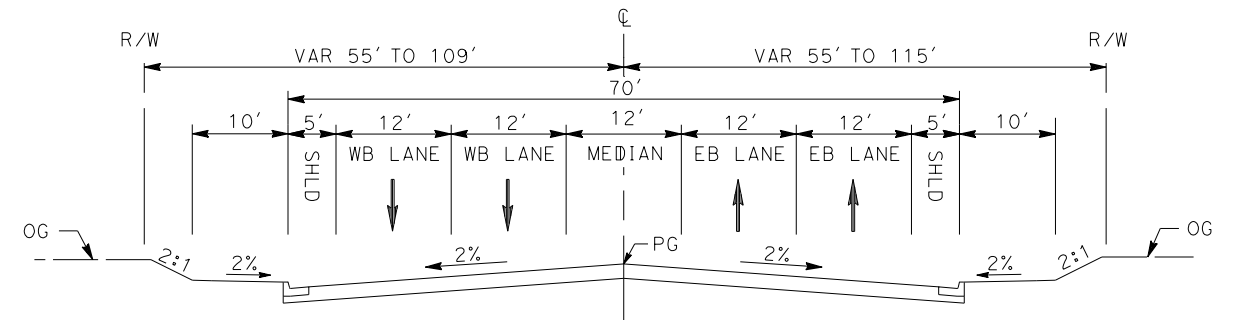
5/19/2021 9:37:05 PM

cordo



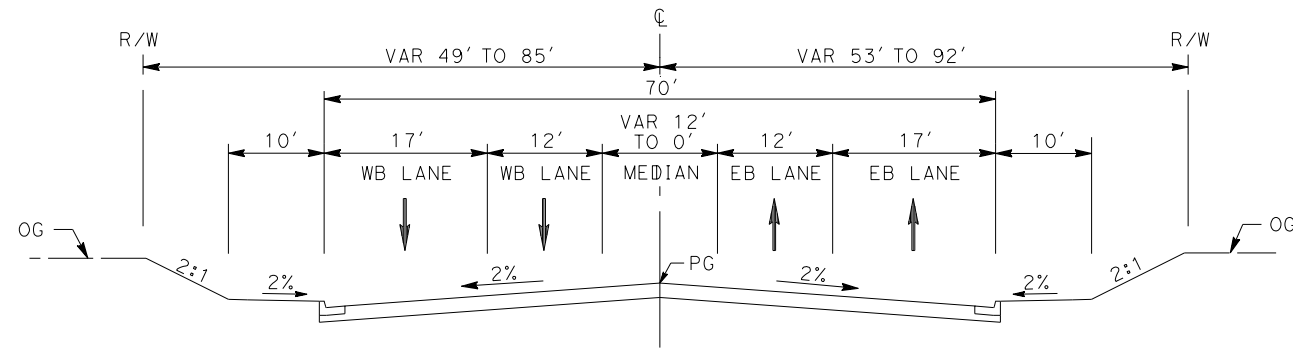
**E BARREL SPRINGS ROAD**

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



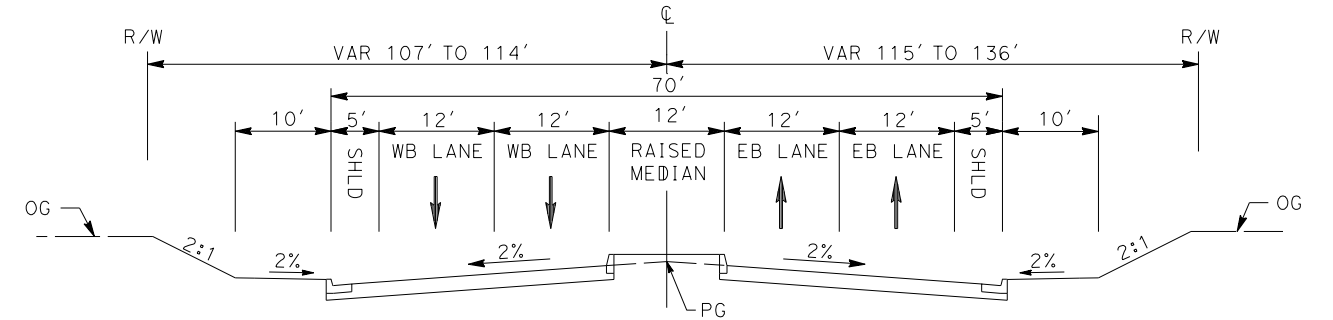
**E BARREL SPRINGS ROAD**

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**



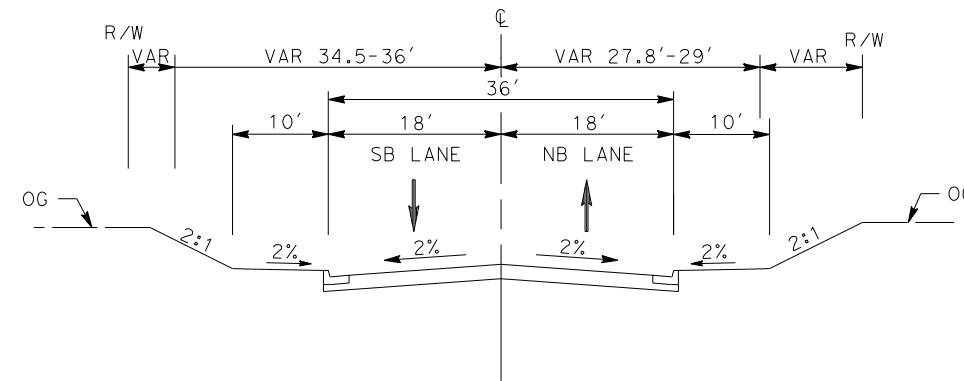
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
TYPICAL SECTIONS  
E BARREL SPRINGS ROAD

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

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R3002-S14.dgn

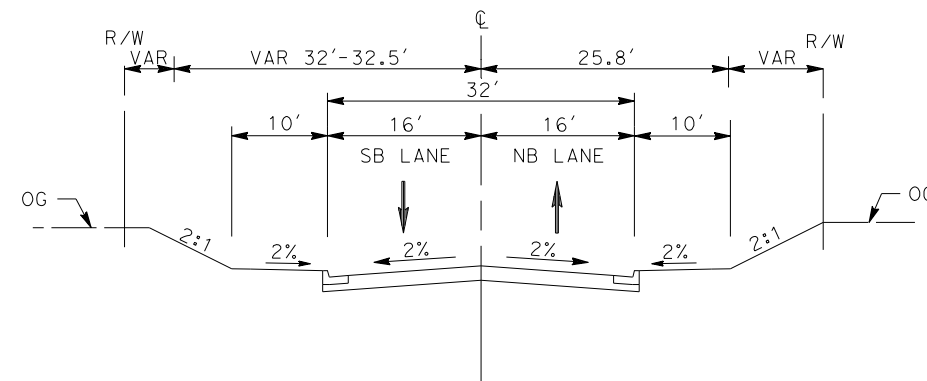
5/19/2021 9:41:07 PM

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

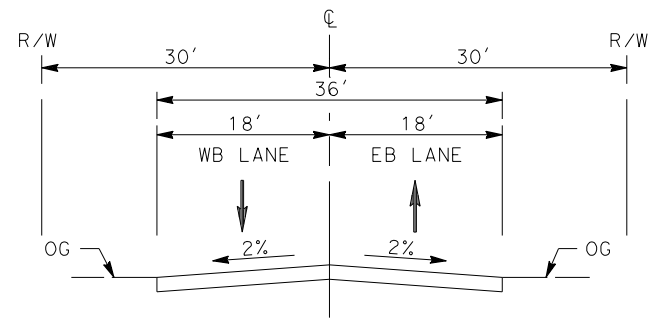
DESIGNED BY  
 J.C. ALAMILLA  
 DRAWN BY  
 A. SANZ  
 CHECKED BY  
 W. GUO  
 IN CHARGE  
 A. RELANO  
 DATE  
 04/30/2021

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



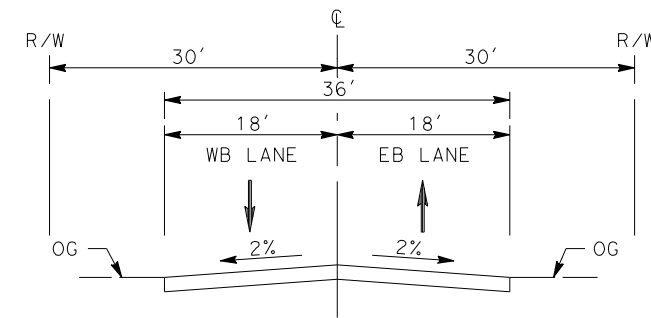
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 SIXTH STREET EAST

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



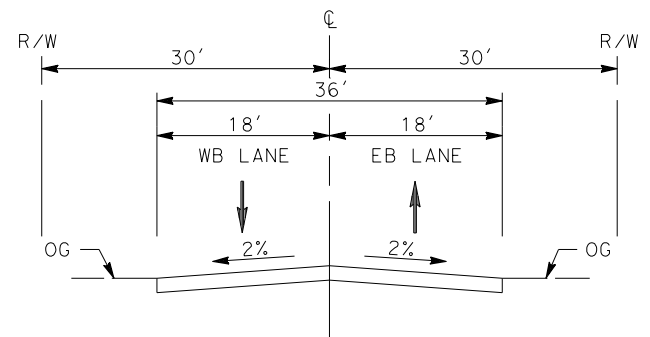
**HAROLD THIRD STREET**

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



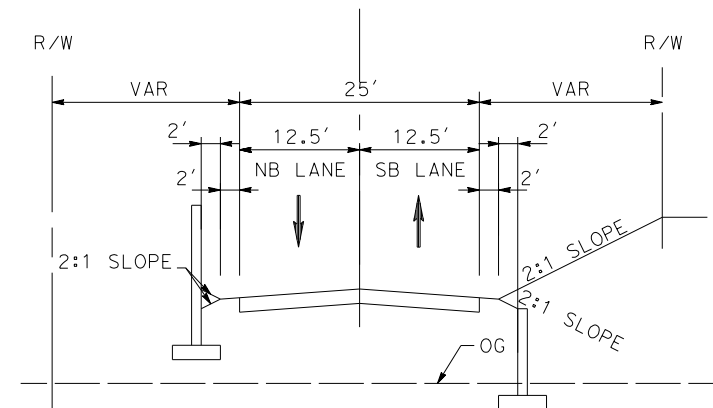
**HAROLD FIFTH STREET**

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

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R3003-S14.dgn

5/26/2021 9:44:12 PM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

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

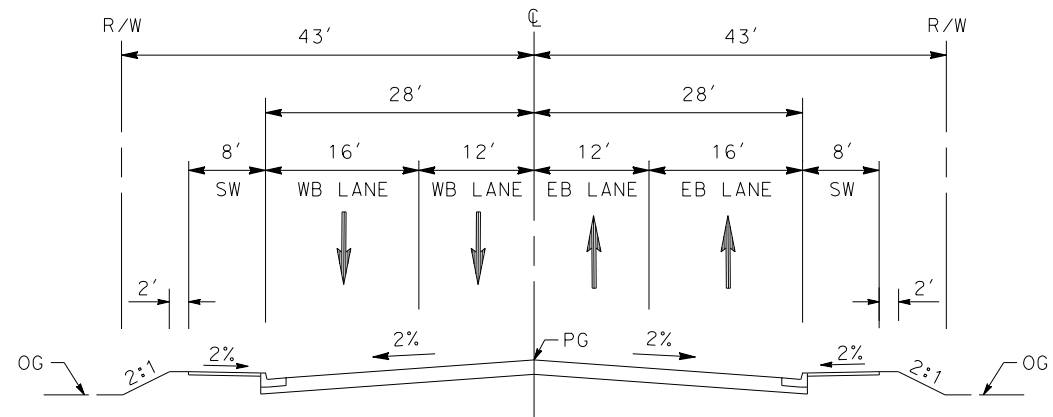
**PEPD RECORD SET  
REV 02  
  
NOT FOR  
CONSTRUCTION**



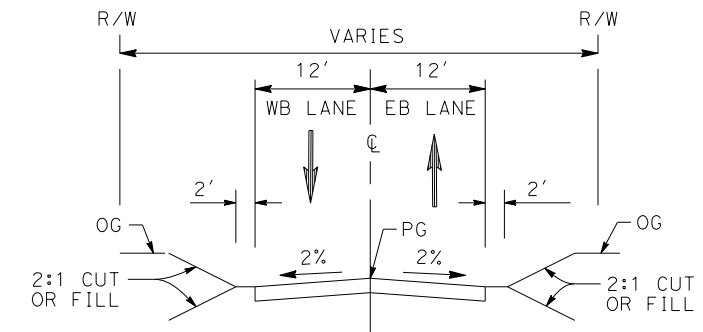
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
TYPICAL SECTIONS  
HAROLD THIRD STREET, HAROLD DATE AVE,  
HAROLD FIFTH STREET AND E BARREL SPRINGS ACCESS RD

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-R3003-S14  
SCALE  
NO SCALE  
SHEET NO.

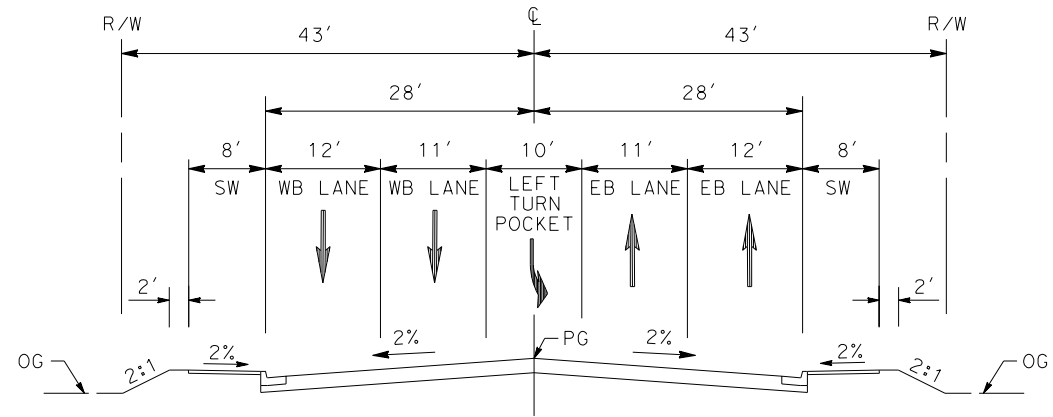




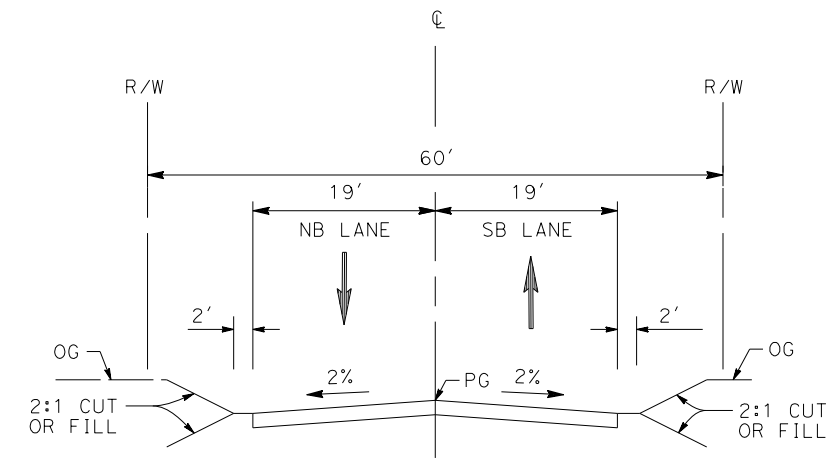
**BRANFORD STREET**  
 STA 14+51 TO STA 25+80  
 AVENUE II (SECONDARY HIGHWAY)  
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



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



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



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

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258.vpb-cv-r3004-s14.dgn

4/30/2021 10:33:09 PM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



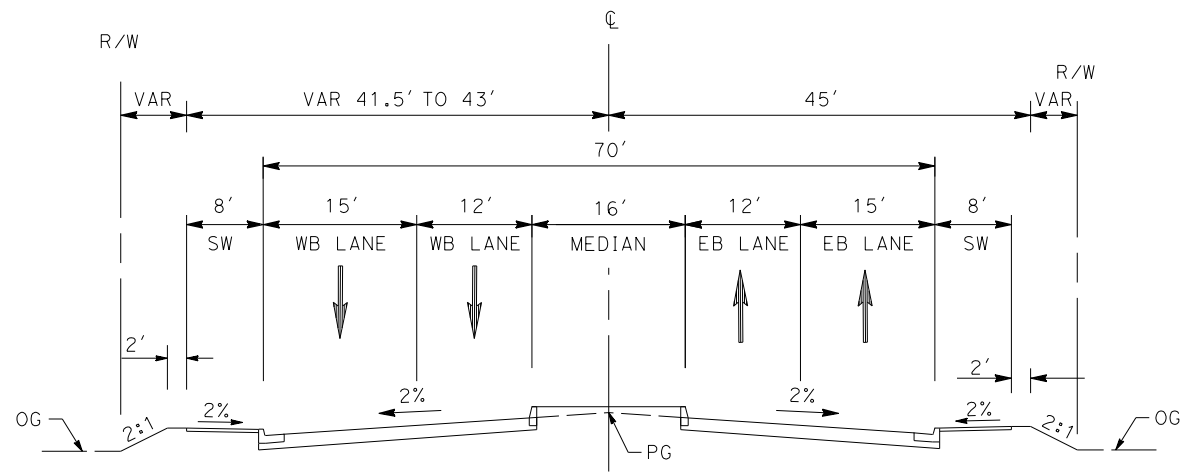
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 BRANFORD ST, RALSTON AVE AND ACCESS RD

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

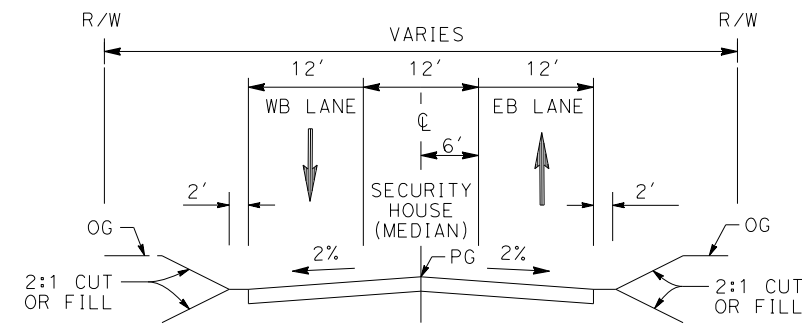
ct:\pwworking\dir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R3005-S14.dgn

4/30/2021 10:34:59 PM

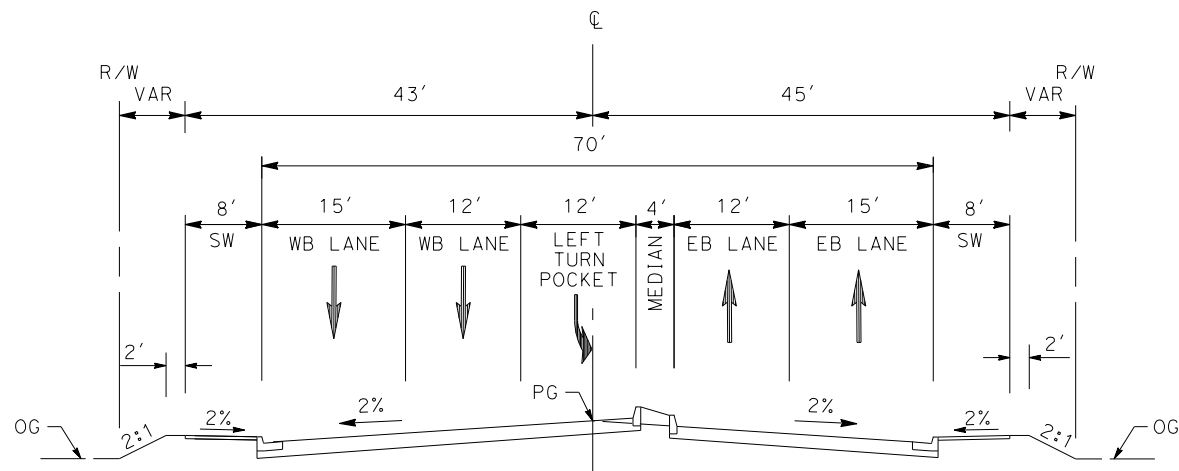
cordo



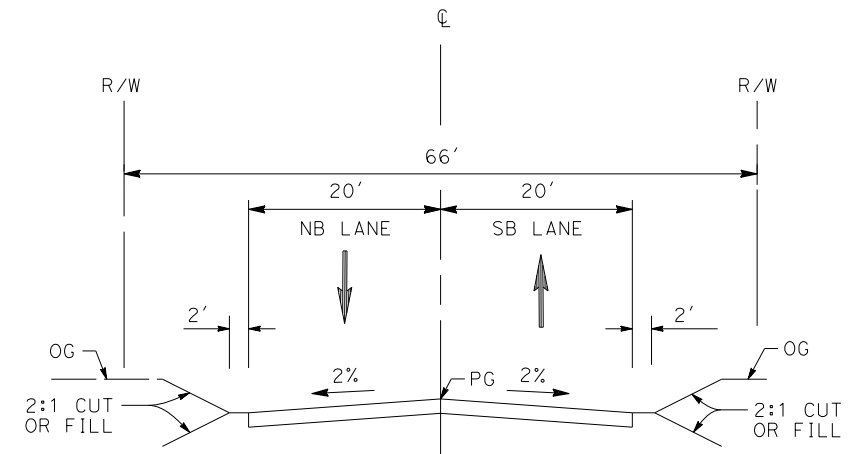
**SHELDON STREET**  
 STA 10+25 TO STA 12+70  
 AVENUE II (SECONDARY HIGHWAY)  
 PER CITY OF LOS ANGELES GENERAL PLAN 2035



**LADWP ROAD**  
 STA 1+00 TO STA 10+00



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



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

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



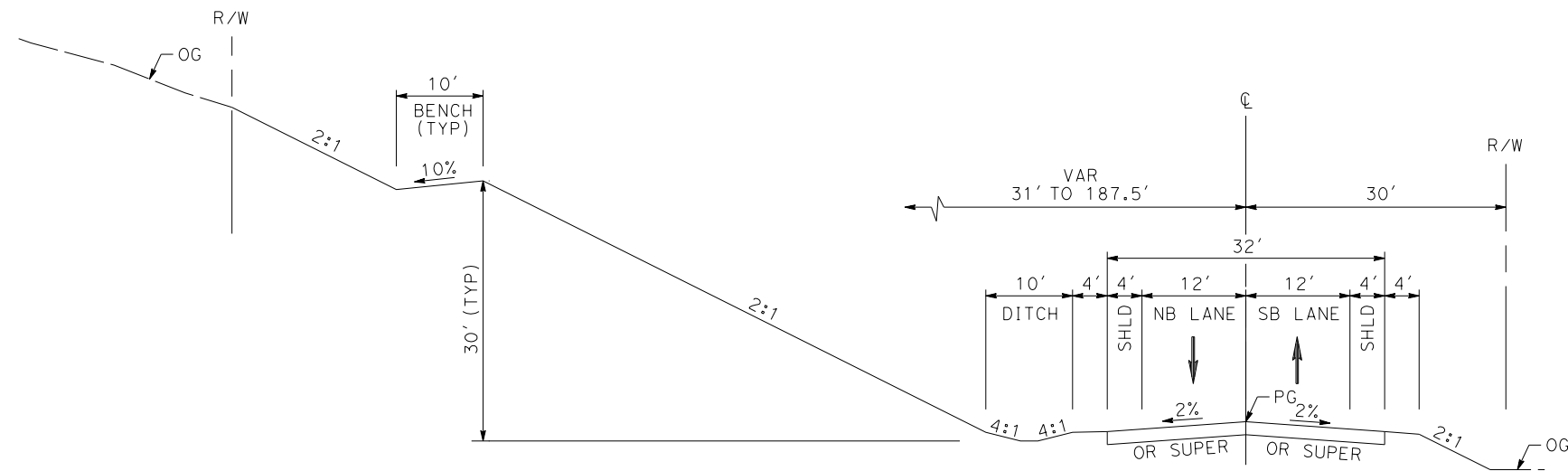
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 SHELDON ST, PRIVATE RD 1 AND LADWP RD

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

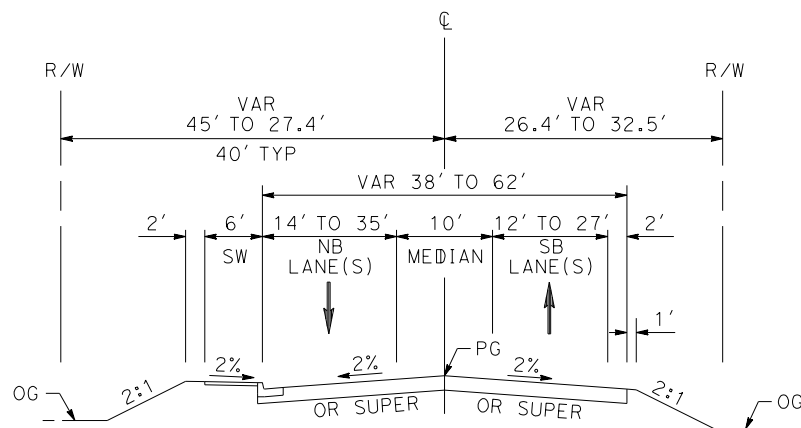
ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R3006-S14.dgn

4/30/2021 10:36:26 PM

cordo



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

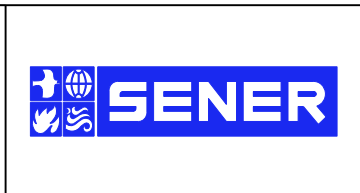


**SIERRA HIGHWAY**  
 STA 706+68 TO STA 728+48  
 MAJOR ARTERIAL (B1)  
 PER CITY OF PALMDALE GENERAL PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



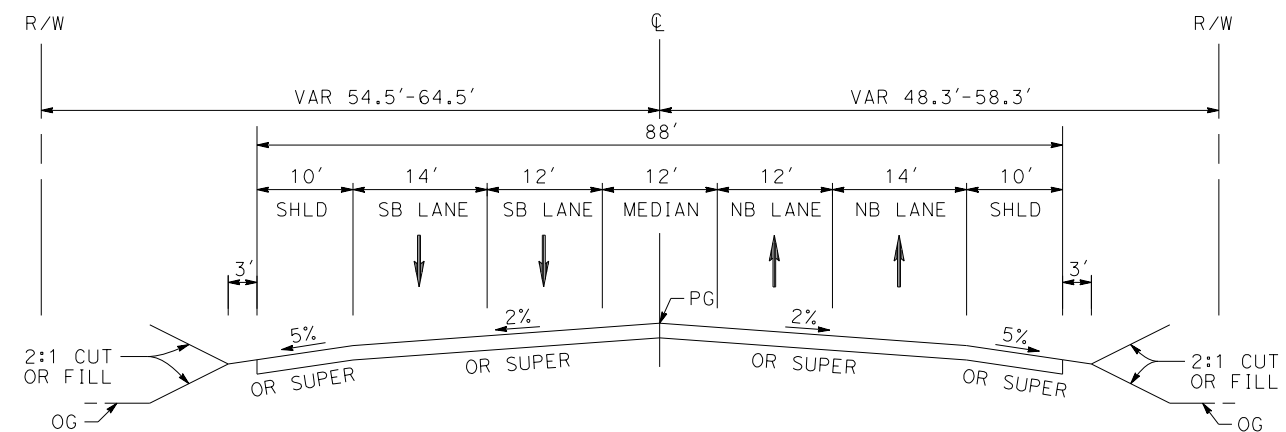
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 SIERRA HIGHWAY  
 SHEET 1 OF 2

CONTRACT NO.  
 HSR14-42  
 DRAWING NO.  
 CV-R3006-S14  
 SCALE  
 NO SCALE  
 SHEET NO.

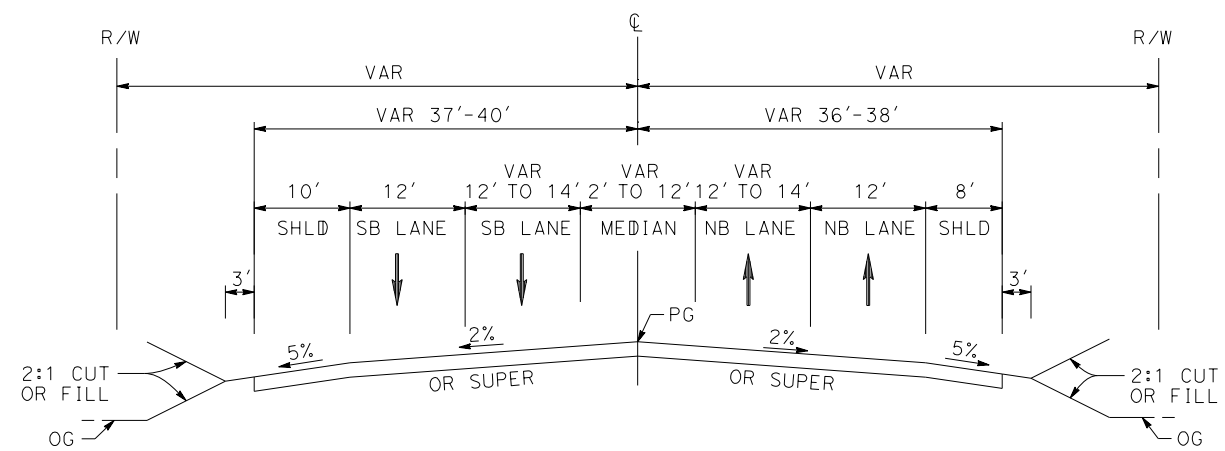
ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-R3007-S14.dgn

4/30/2021 10:37:45 PM

cordo



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

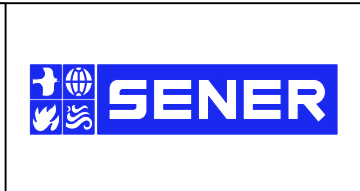


**SIERRA HIGHWAY**  
 STA 4+27 TO STA 6+78  
 MAJOR HIGHWAY  
 PER LOS ANGELES COUNTY  
 MASTER PLAN OF HIGHWAYS

REV	DATE	BY	CHK	APP	DESCRIPTION

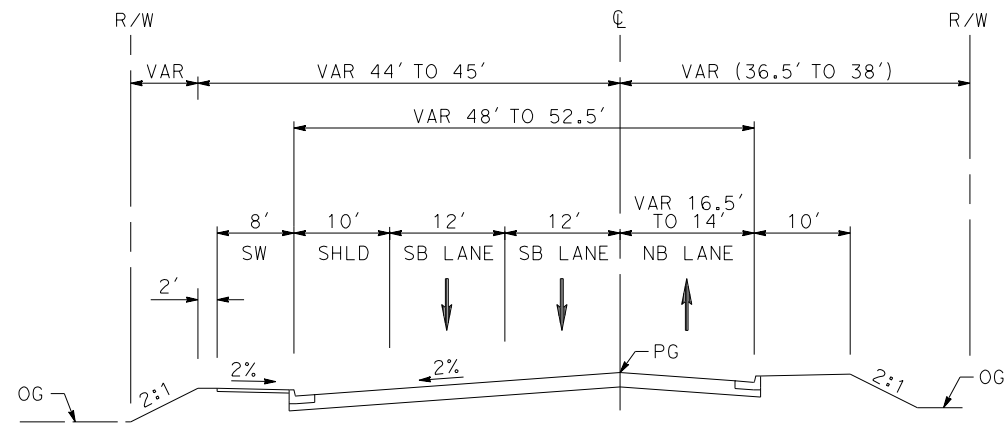
DESIGNED BY  
**J.C. ALAMILLA**  
 DRAWN BY  
**A. SANZ**  
 CHECKED BY  
**W. GUO**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

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

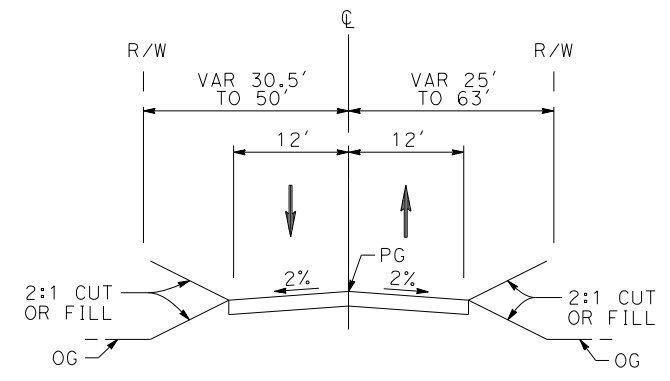


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 SIERRA HIGHWAY  
 SHEET 2 OF 2

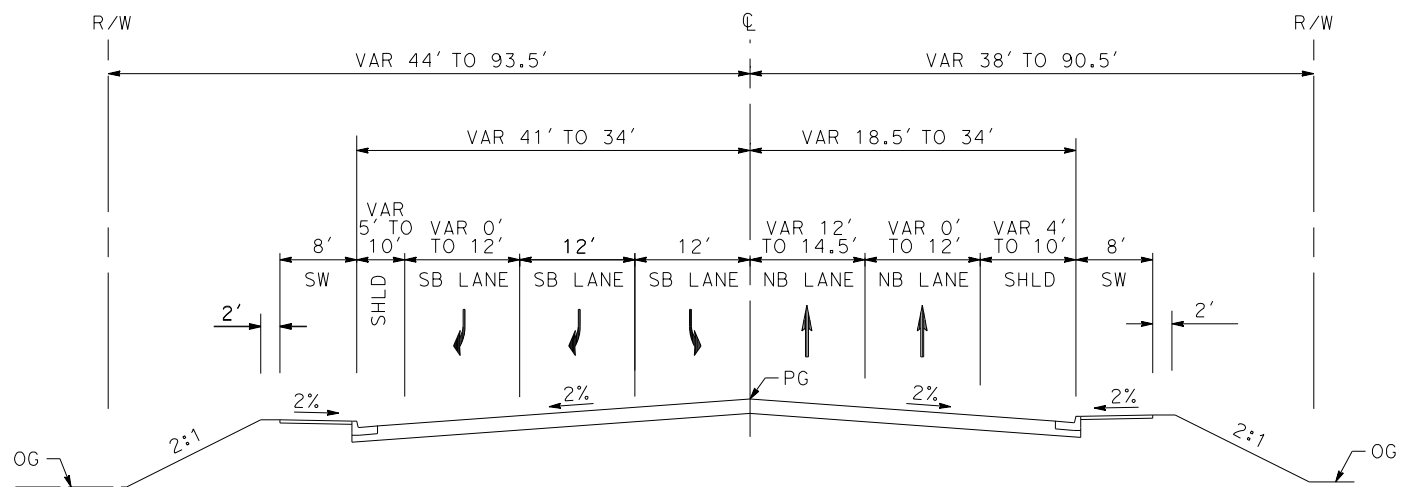
CONTRACT NO.  
 HSR14-42  
 DRAWING NO.  
 CV-R3007-S14  
 SCALE  
 NO SCALE  
 SHEET NO.



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



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



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

c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258.vpb-cv-R3008-S14.dgn

5/26/2021 9:48:56 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



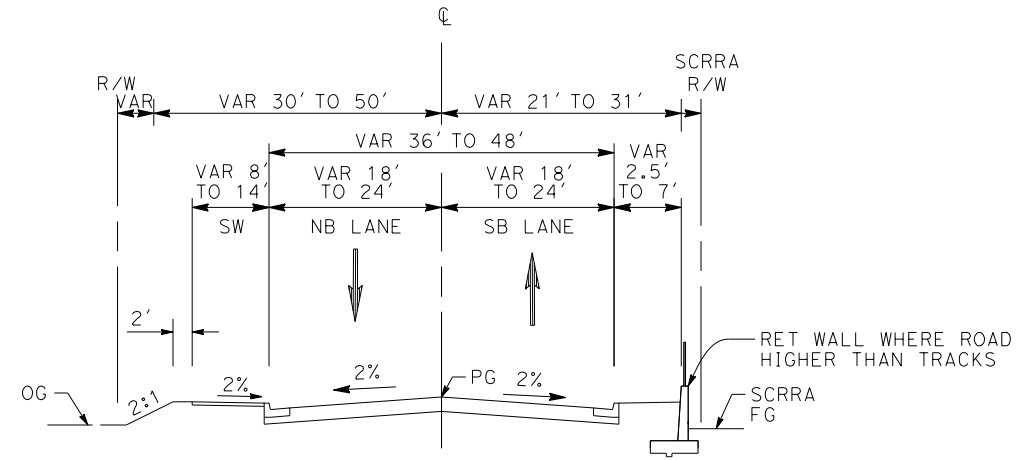
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 EAST TENTH STREET  
 AND WATER TREATMENT PLANT ACCESS RD 2

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

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R3009-S14.dgn

4/30/2021 10:43:52 PM

cordo



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

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**J.C. ALAMILLA**

DRAWN BY  
**A. SANZ**

CHECKED BY  
**W. GUO**

IN CHARGE  
**A. RELANO**

DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**

**NOT FOR CONSTRUCTION**



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

CONTRACT NO.  
HSR14-42

DRAWING NO.  
CV-R3009-S14

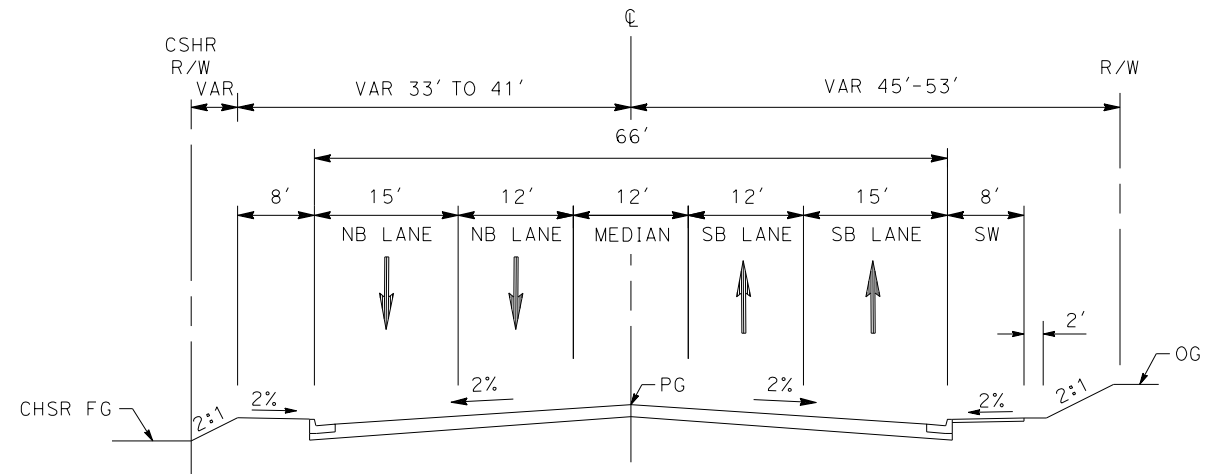
SCALE  
NO SCALE

SHEET NO.

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-R3010-S14.dgn

4/30/2021 10:45:53 PM

cordo



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

REV	DATE	BY	CHK	APP	DESCRIPTION

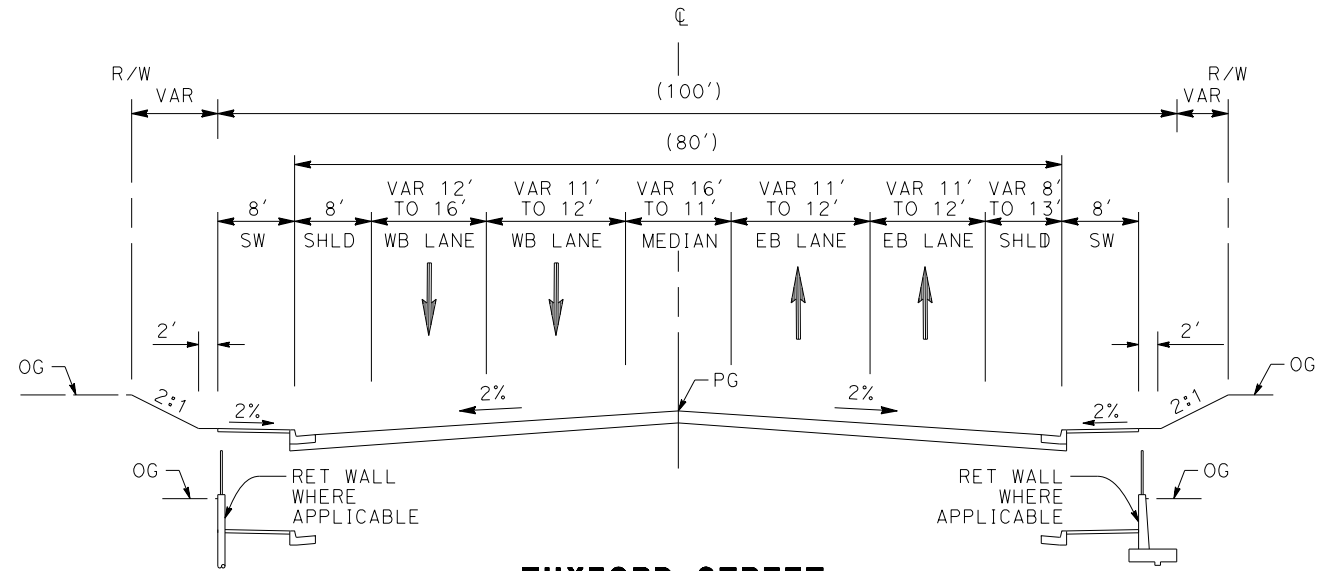
DESIGNED BY  
**J.C. ALAMILLA**  
DRAWN BY  
**A. SANZ**  
CHECKED BY  
**W. GUO**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

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

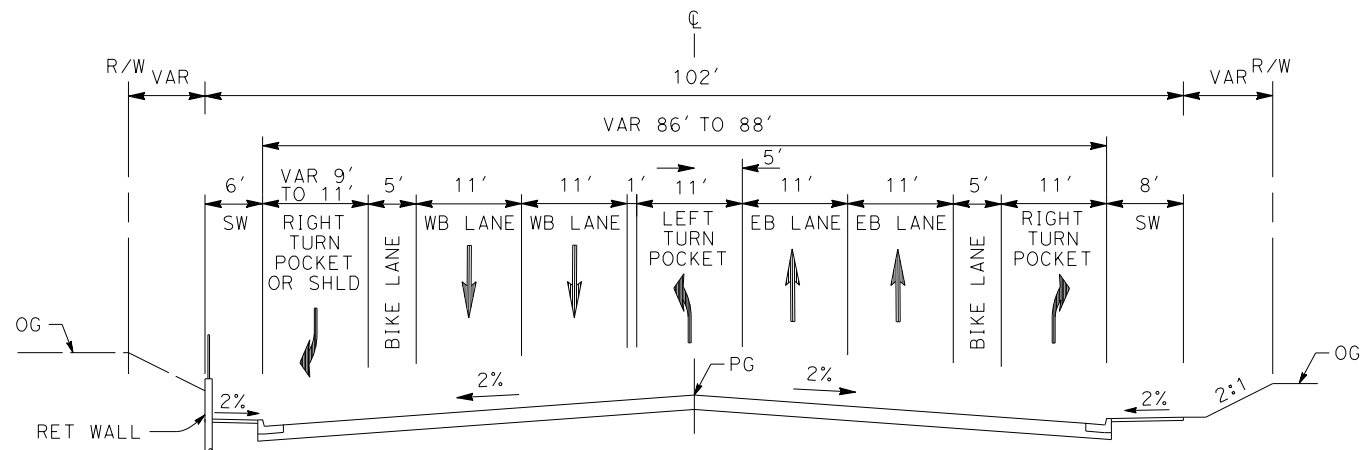


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
TYPICAL SECTIONS  
SAN FERNANDO ROAD  
SHEET 2 OF 2

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-R3010-S14  
SCALE  
NO SCALE  
SHEET NO.



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



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

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R3011-S14.dgn

4/30/2021 10:49:05 PM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



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

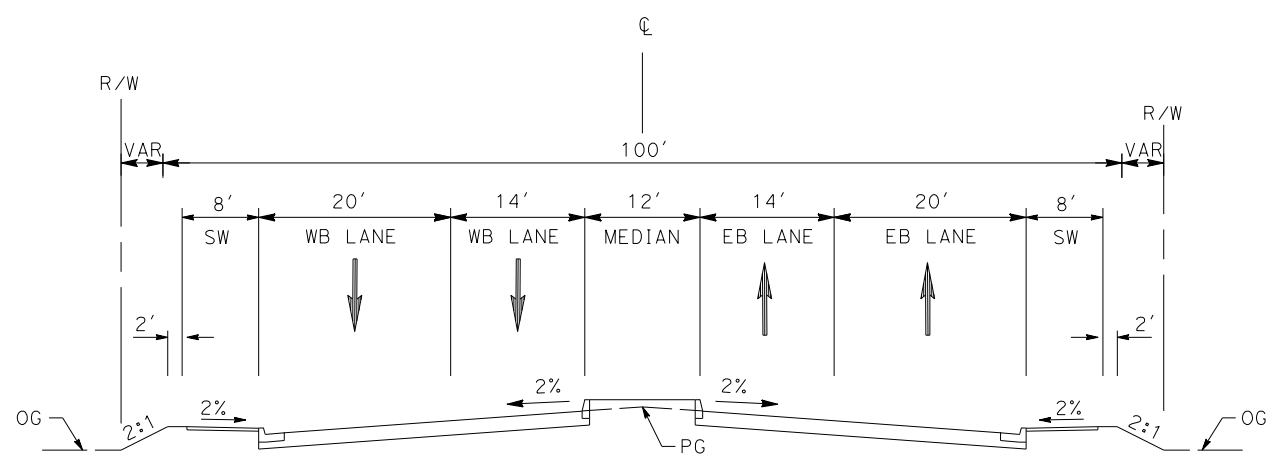
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-R3011-S14  
 SCALE  
NO SCALE  
 SHEET NO.



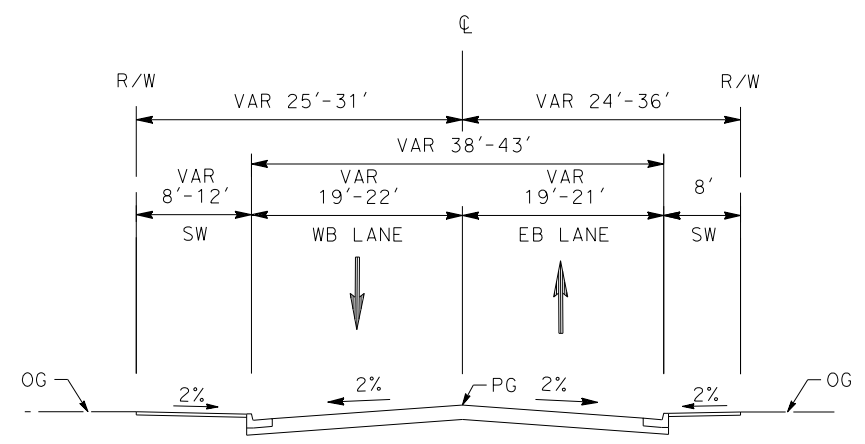
ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R3012-S14.dgn

4/30/2021 10:50:46 PM

cordo



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

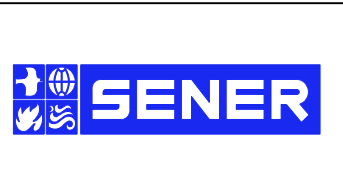


**OLINDA STREET**  
 STA 13+50 TO STA 15+00  
 AND STA 17+50 TO STA 18+20  
 COLLECTOR STREET  
 PER CITY OF LOS ANGELES GENERAL PLAN 2035

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



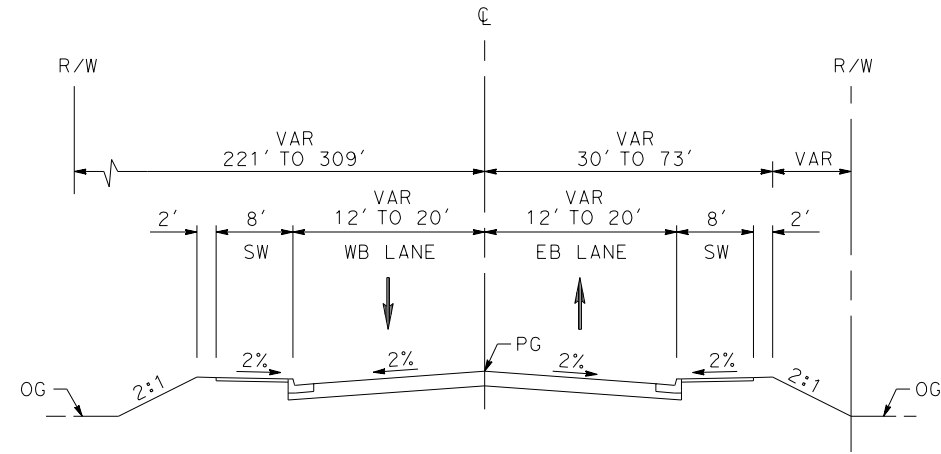
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 OLINDA STREET

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

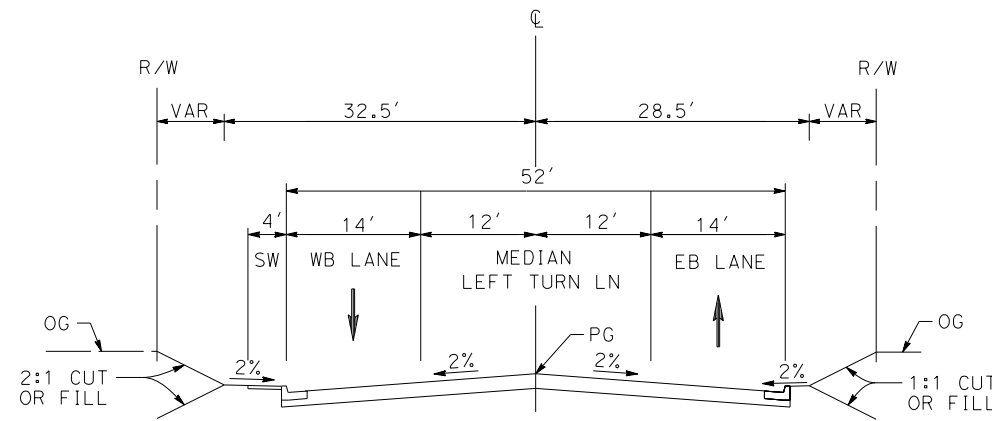
ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-R3013-S14.dgn

4/30/2021 10:53:39 PM

cordo



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

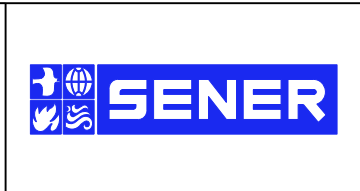


**EAST AVENUE R11**  
 STA 10+36 TO STA 18+38  
 LOCAL INTERIOR STREET (F1)  
 PER CITY OF PALMDALE GENERAL PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



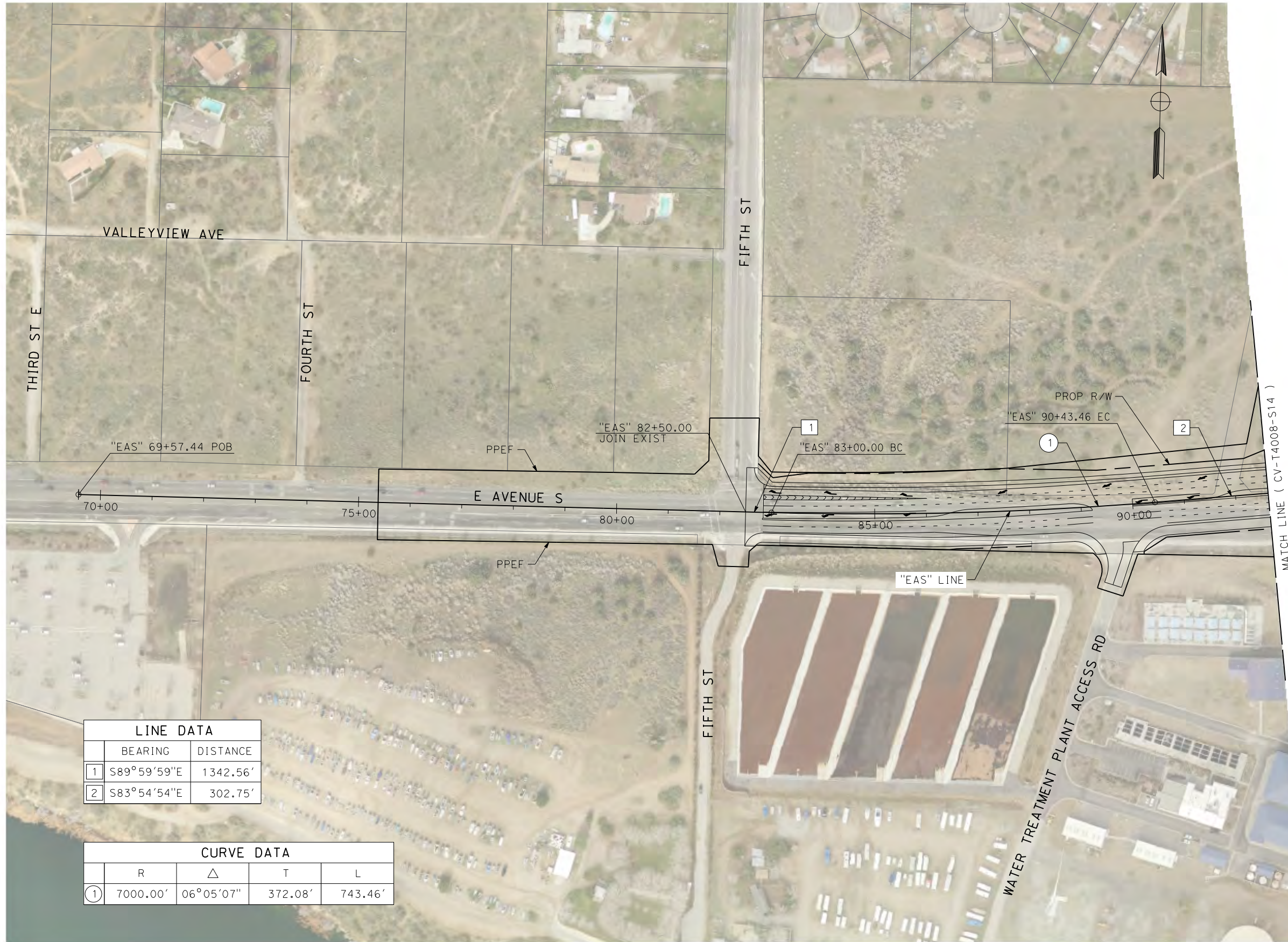
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 VALLEY FORGE AND EAST AVE R11

CONTRACT NO.  
 HSR14-42  
 DRAWING NO.  
 CV-R3013-S14  
 SCALE  
 NO SCALE  
 SHEET NO.

ct:\pwworkingdir\sener-us-pw\bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258VPB-CV-T4007-S14.dgn

5/1/2021 10:07:42 AM

cordo



LINE DATA		
	BEARING	DISTANCE
1	S89°59'59"E	1342.56'
2	S83°54'54"E	302.75'

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

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



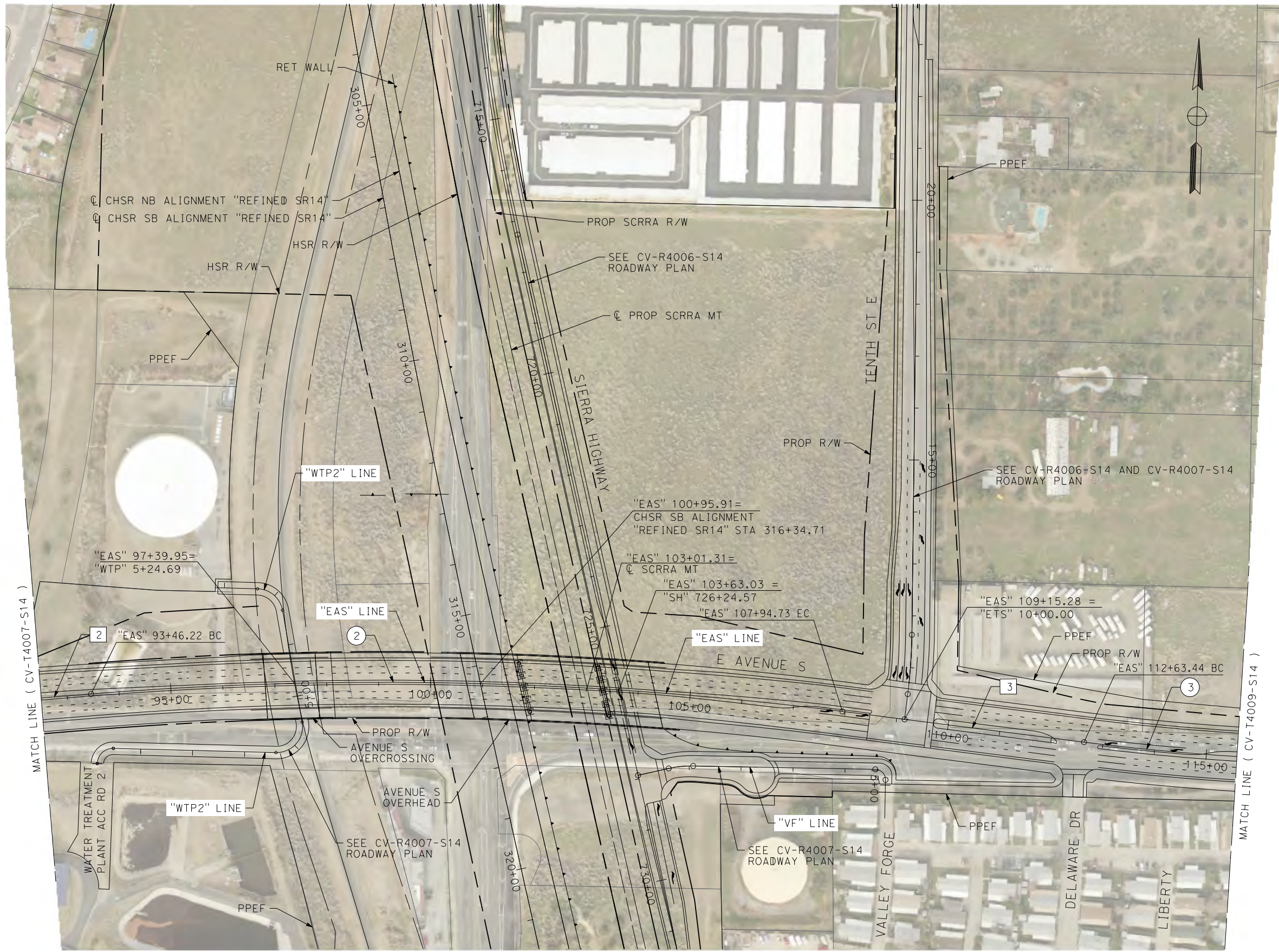
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
GRADE SEPARATION PLAN  
EAST AVENUE S  
SHEET 1 OF 3

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

ct:\pwworkingdir\sener-us-pw\bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-T4008-S14.dgn

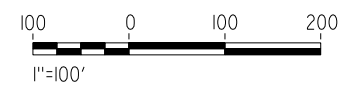
5/21/2021 8:41:47 AM

cordo



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

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



REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



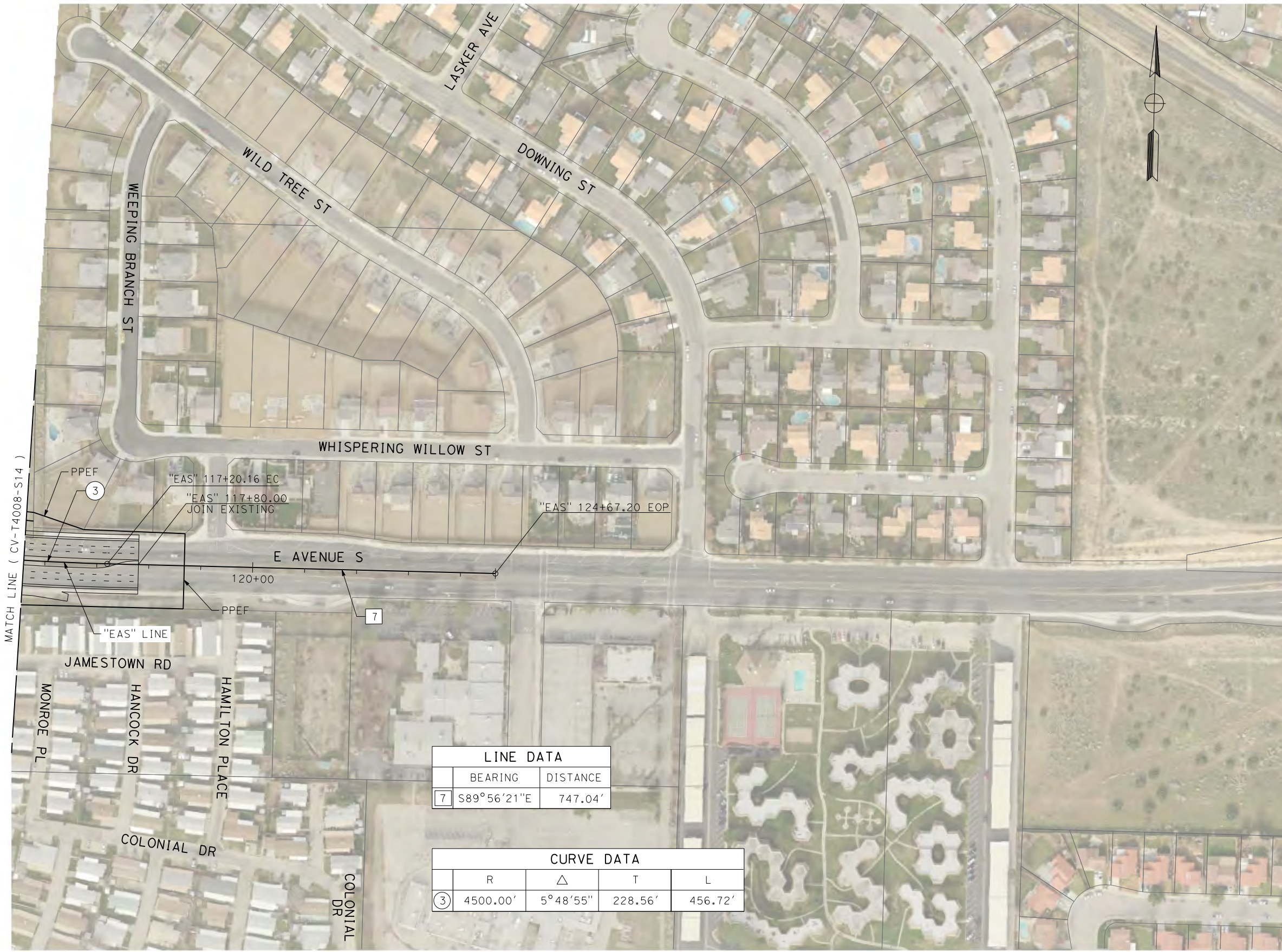
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
GRADE SEPARATION PLAN  
EAST AVENUE S  
SHEET 2 OF 3

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\dalia.cordoba\dms24258\VPB-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**



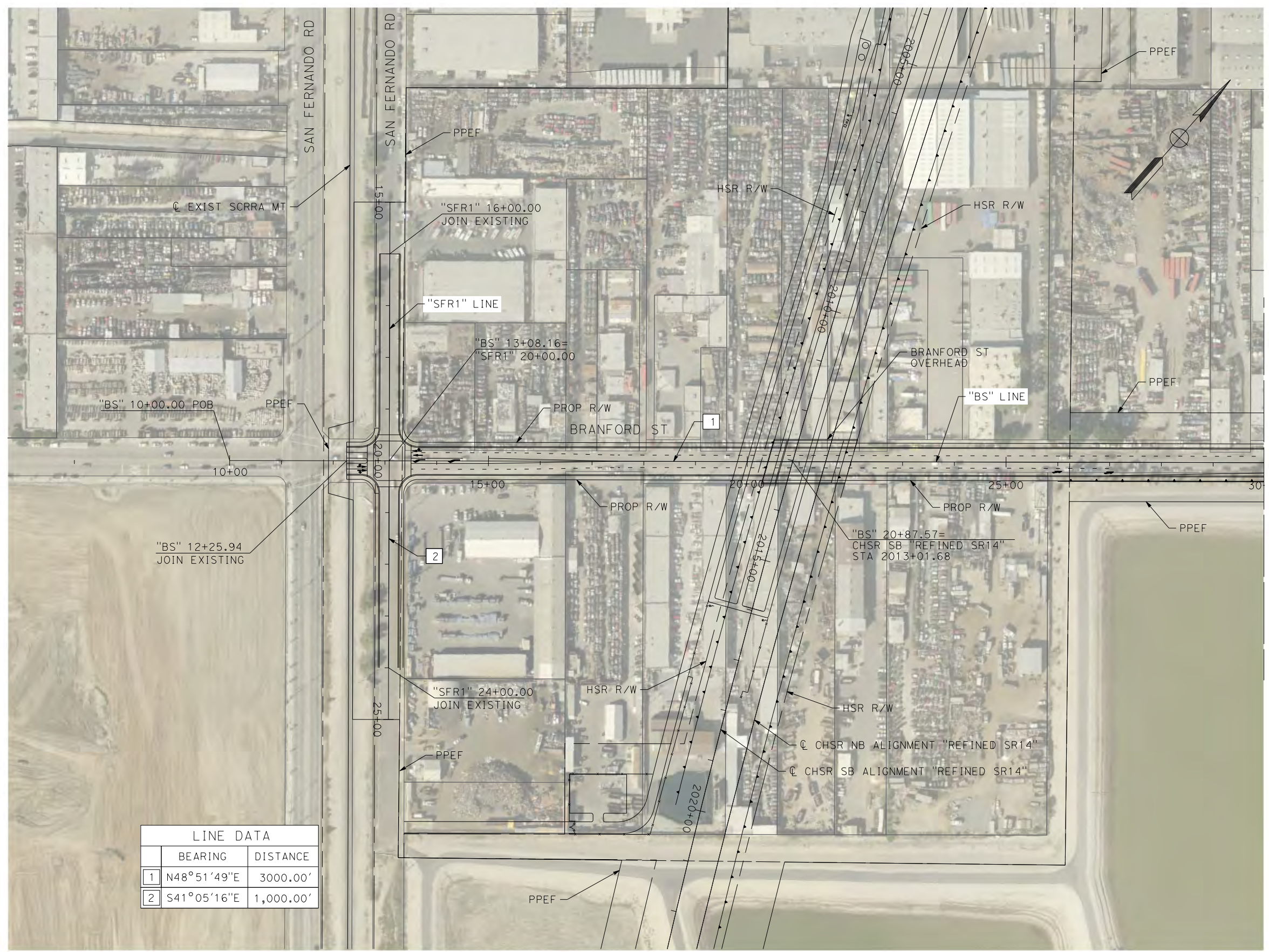
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
GRADE SEPARATION PLAN  
EAST AVENUE S  
SHEET 3 OF 3

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

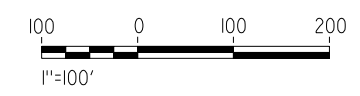
ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-T4019-S14.dgn

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'

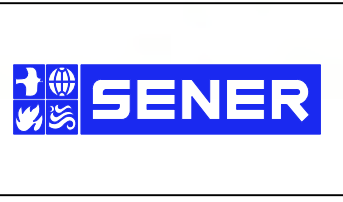


REV	DATE	BY	CHK	APP	DESCRIPTION

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.

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

4/23/2021 6:28:31 PM

cordo



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**



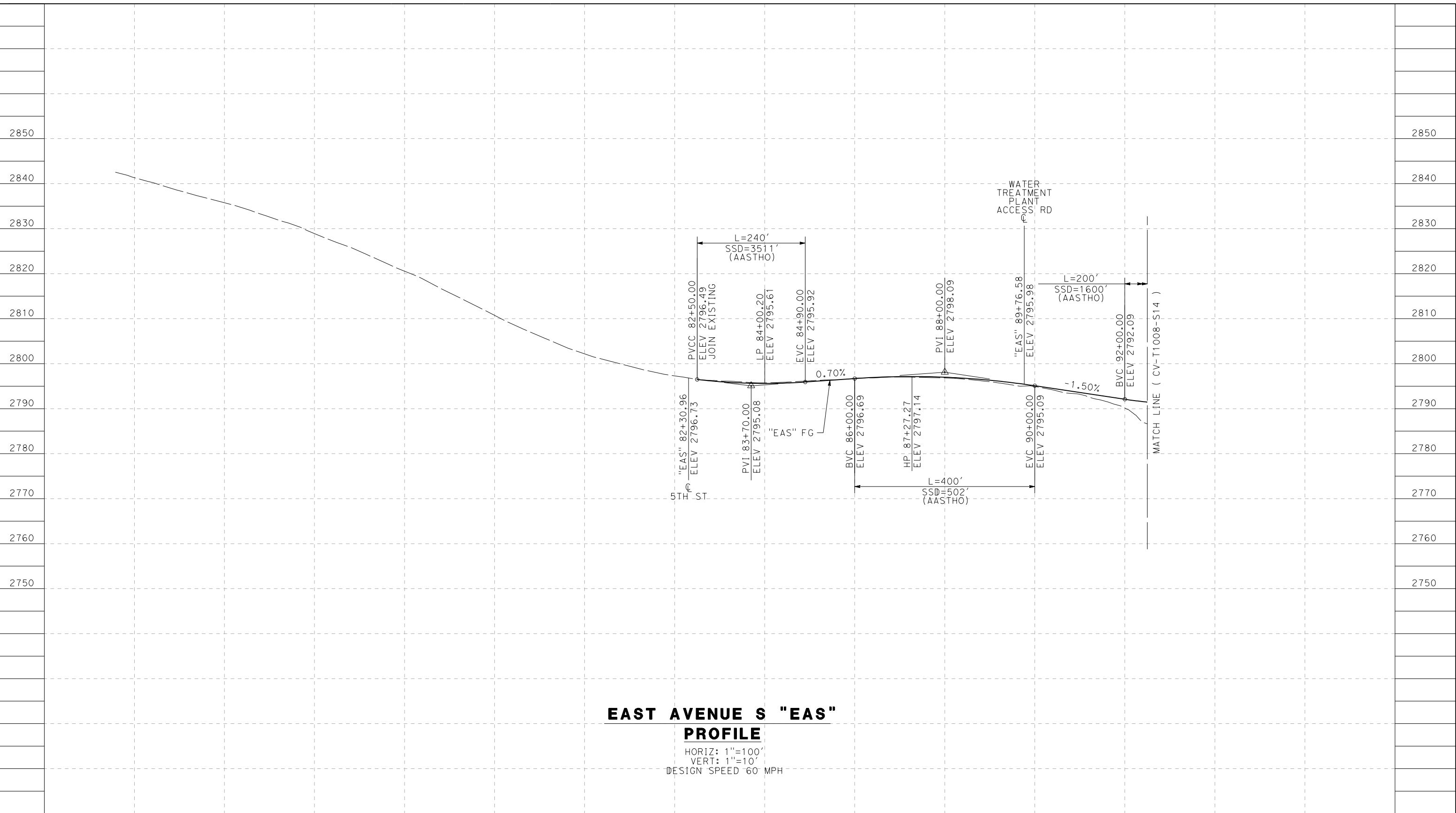
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
GRADE SEPARATION PLAN  
BRANFORD STREET  
SHEET 2 OF 2

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

c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-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
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"  
GRADE SEPARATION PROFILE  
EAST AVENUE S  
SHEET 1 OF 3

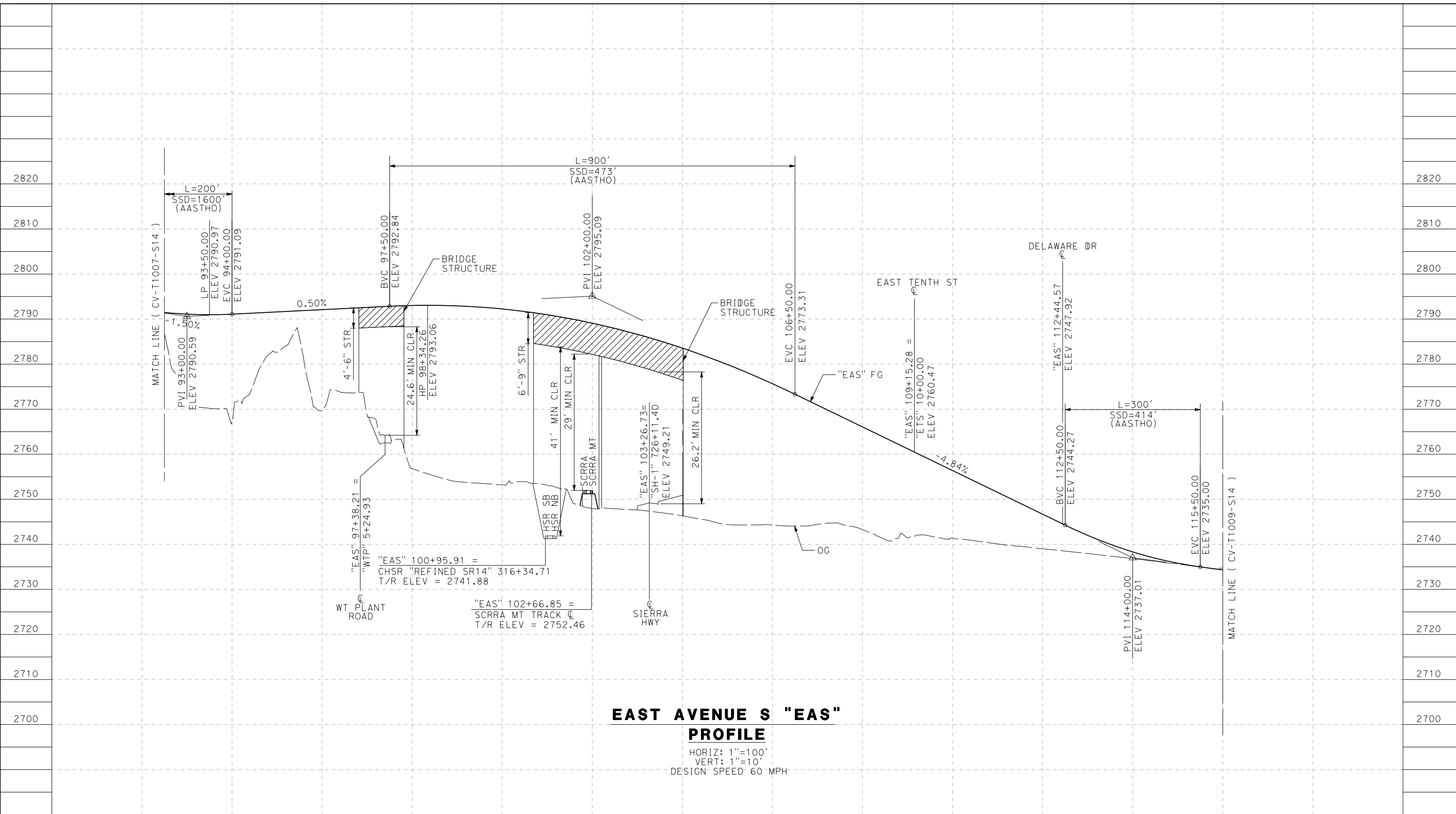
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-T1007-S14  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION



5/23/2021 6:37:48 PM c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-T1008-S14.dgn

cordo



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

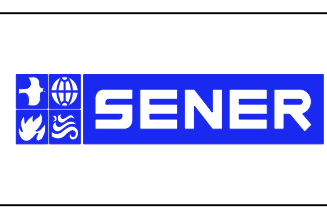
STATION	92+00	94+00	96+00	98+00	100+00	102+00	104+00	106+00	108+00	110+00	112+00	114+00	116+00	TOTAL
CY	Exc													
	Emb													

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 2 OF 3

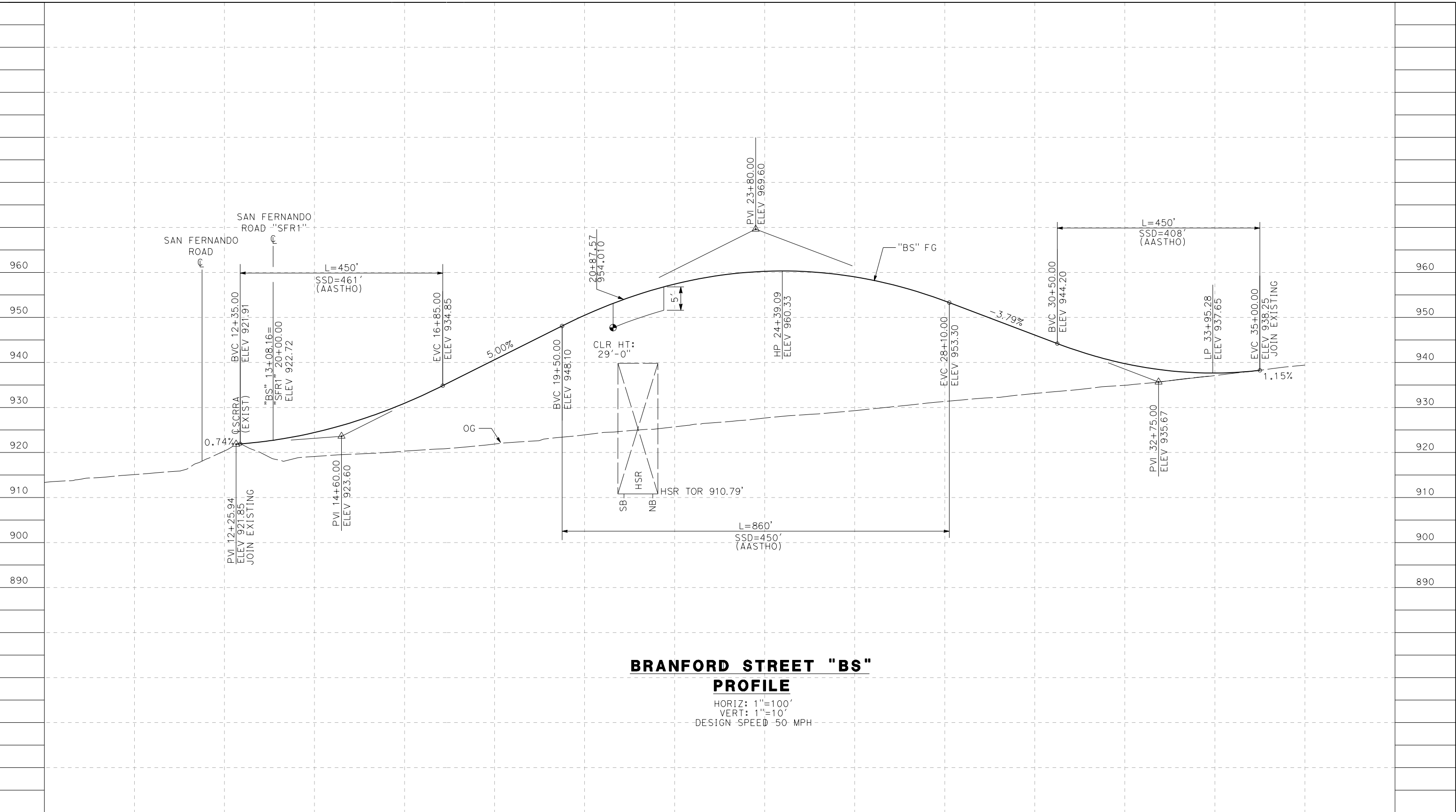
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-T1008-S14  
 SCALE  
AS SHOWN  
 SHEET NO.



ct:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-T1015-S14.dgn

5/23/2021 6:38:14 PM

cordo



STATION	10+00	12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	30+00	32+00	34+00	36+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**

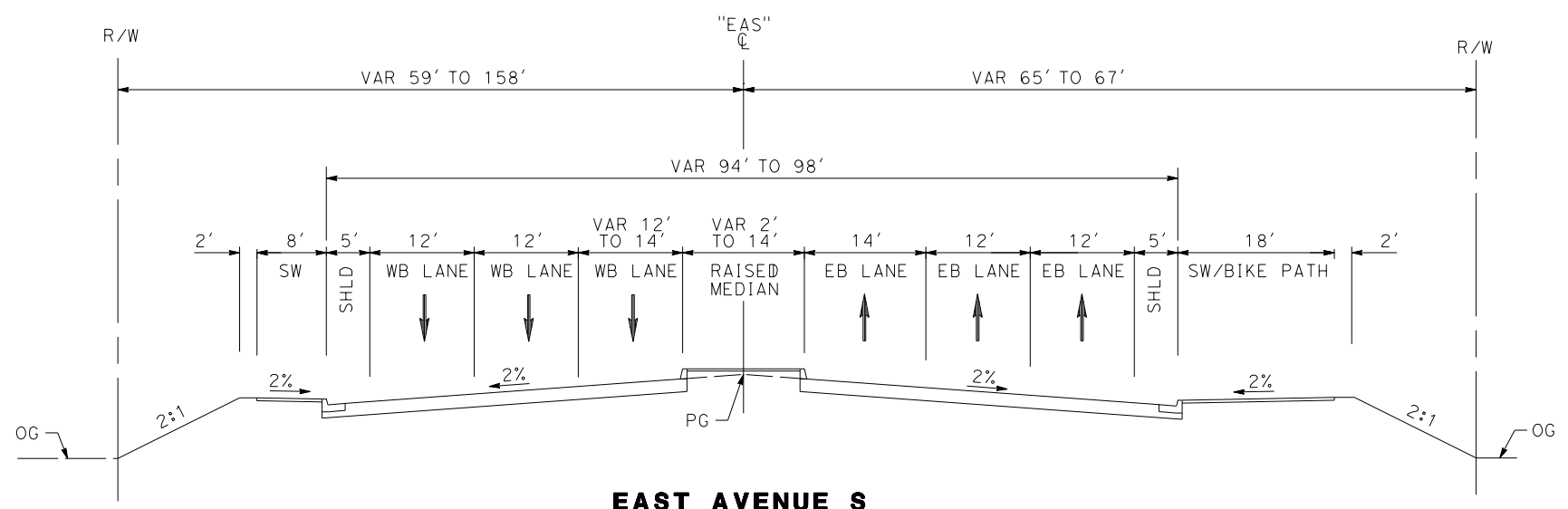


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 GRADE SEPARATION PROFILE  
 BRANFORD STREET

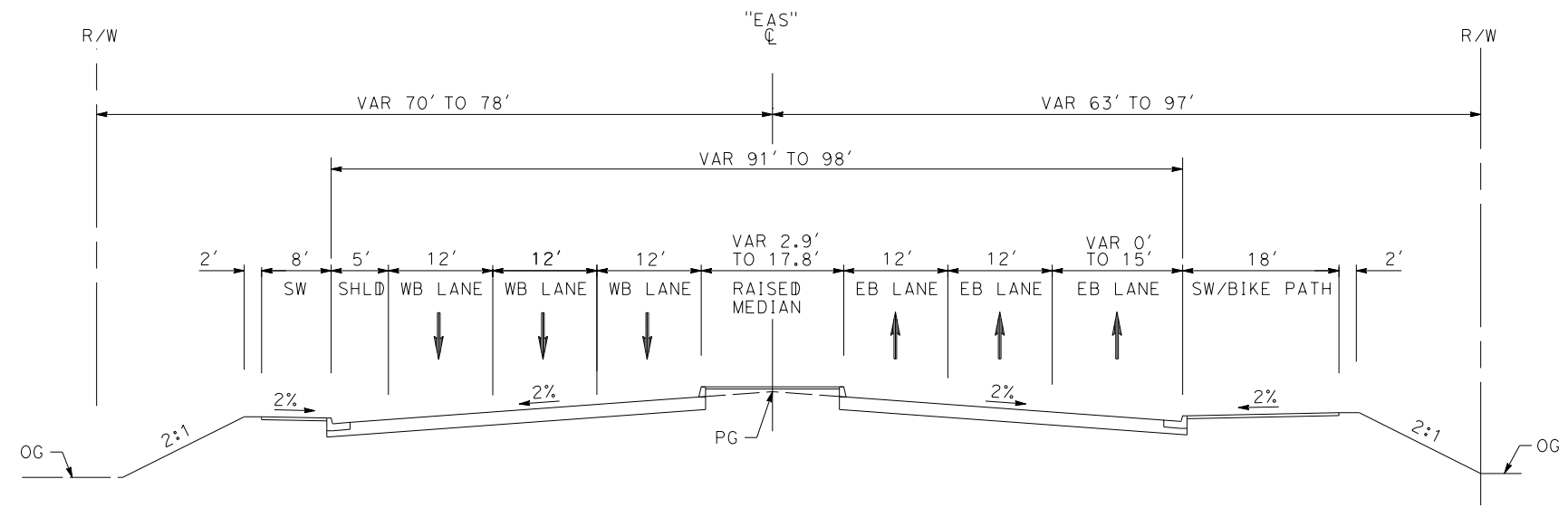
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-T1015-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-T3001-S14.dgn  
 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**



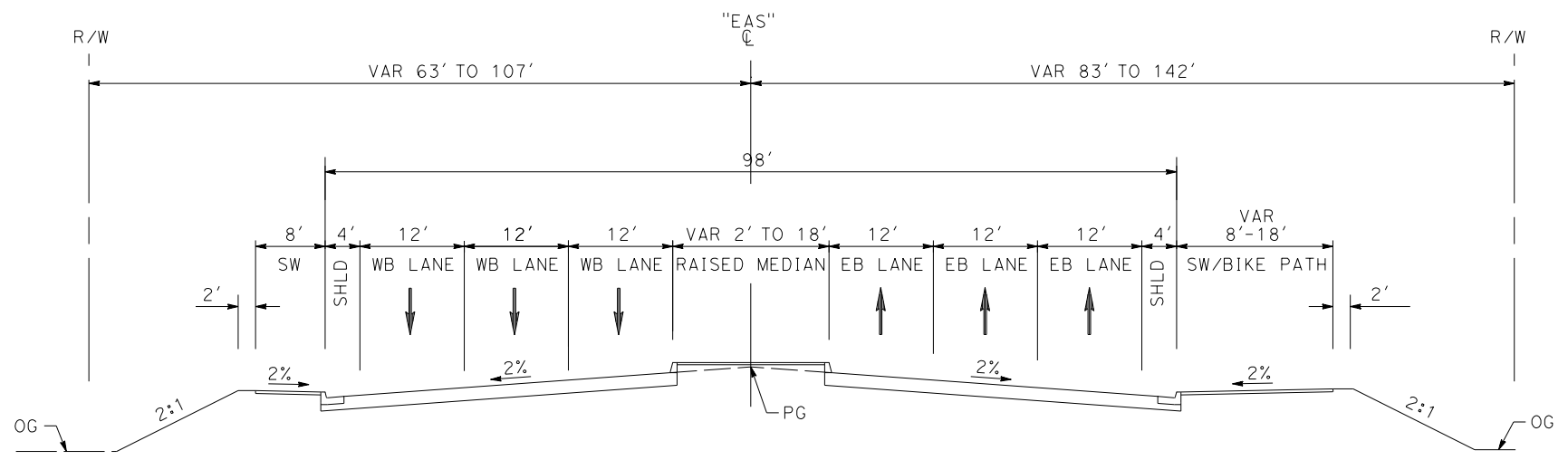
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 EAST AVENUE S  
 SHEET 1 OF 2

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

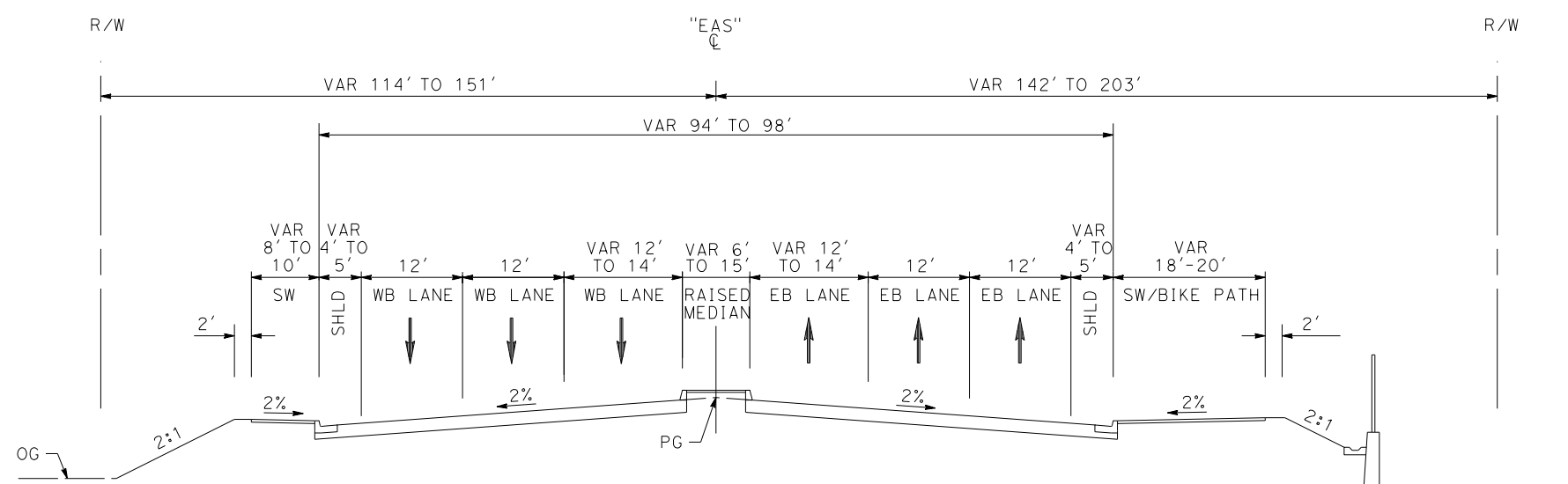
ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-T3002-S14.dgn

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**



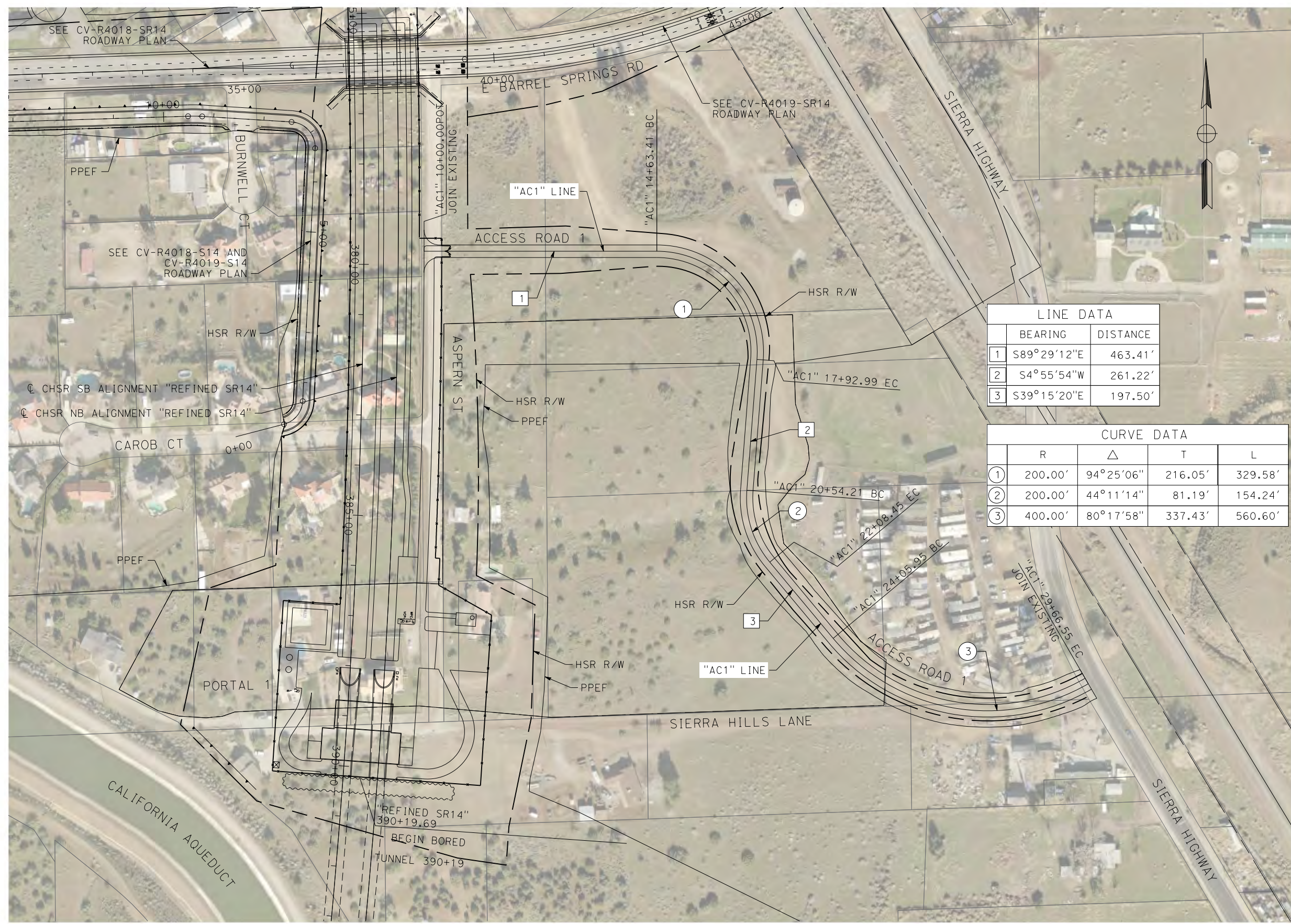
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 TYPICAL SECTIONS  
 EAST AVENUE S  
 SHEET 2 OF 2

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

ct:\pwworkingdir\sener-us-pw\bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-Y4001-S14.dgn

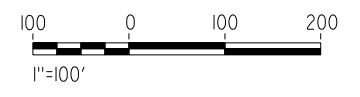
5/21/2021 12:30:19 AM

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**



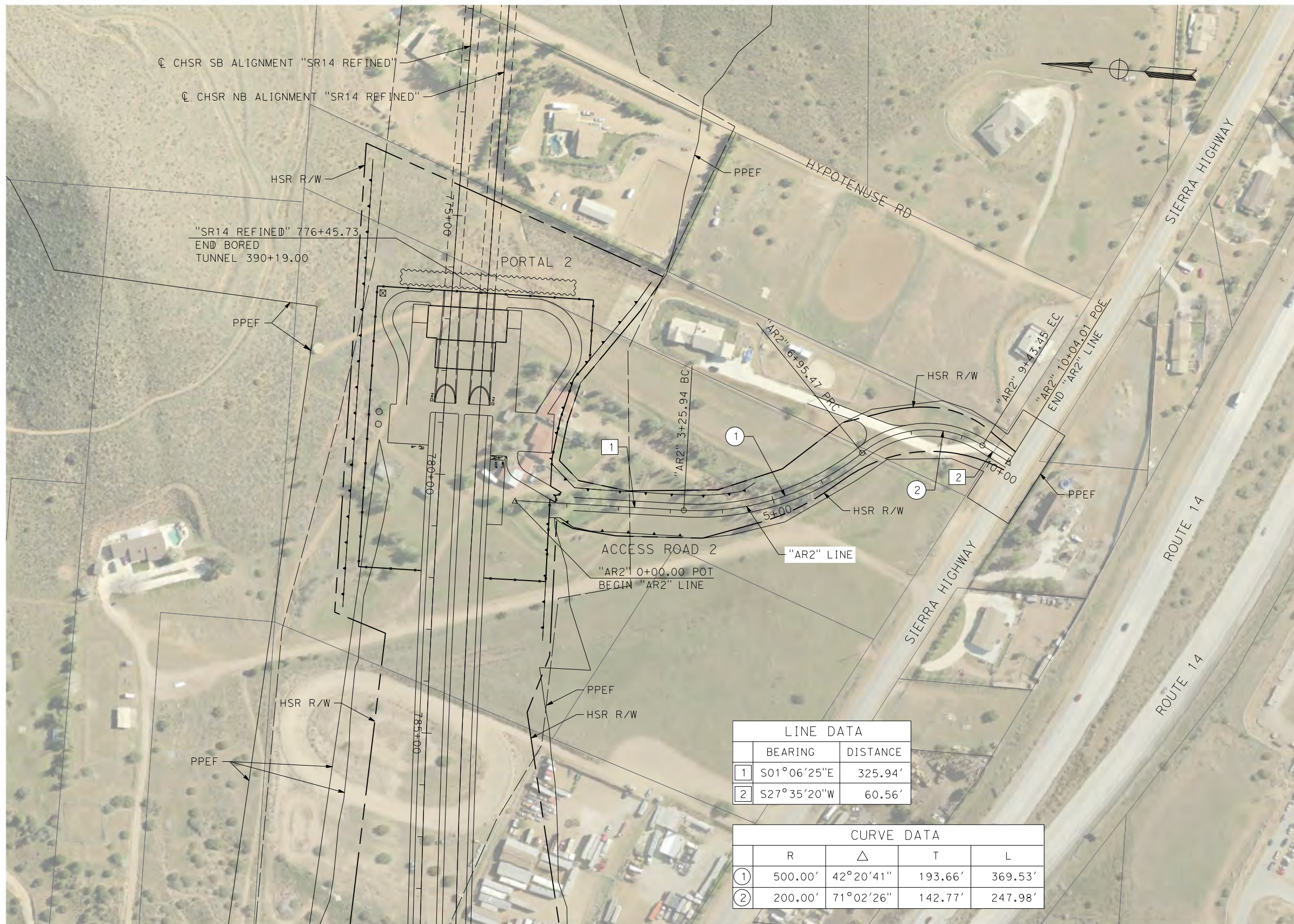
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 1

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

ct:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-Y4003-S14.dgn

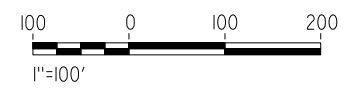
5/21/2021 12:34:04 AM

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**



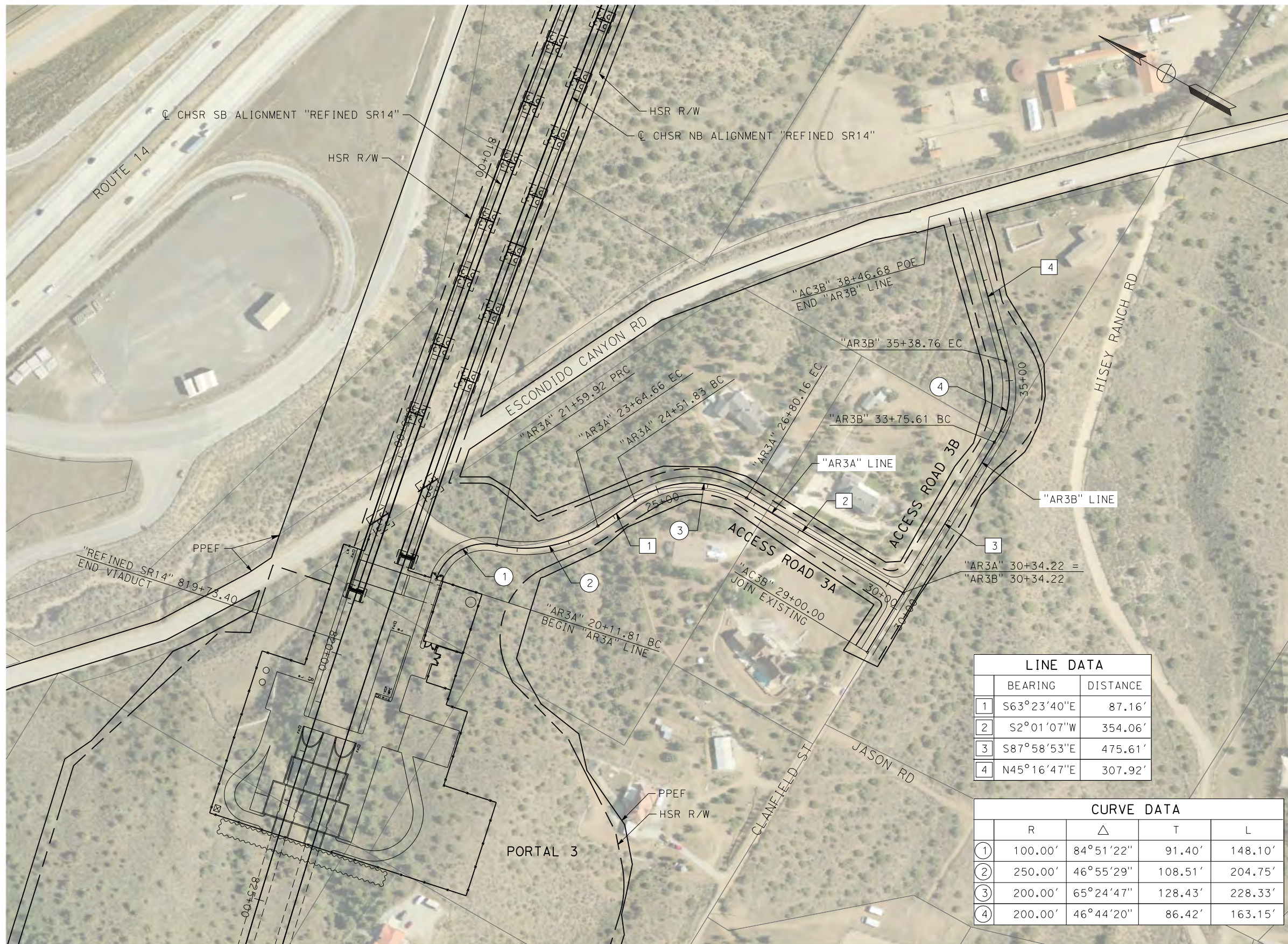
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 2

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

ct:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y4004-S14.dgn

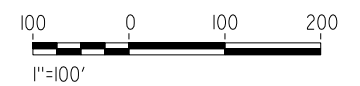
5/2/2021 10:11:44 PM

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**

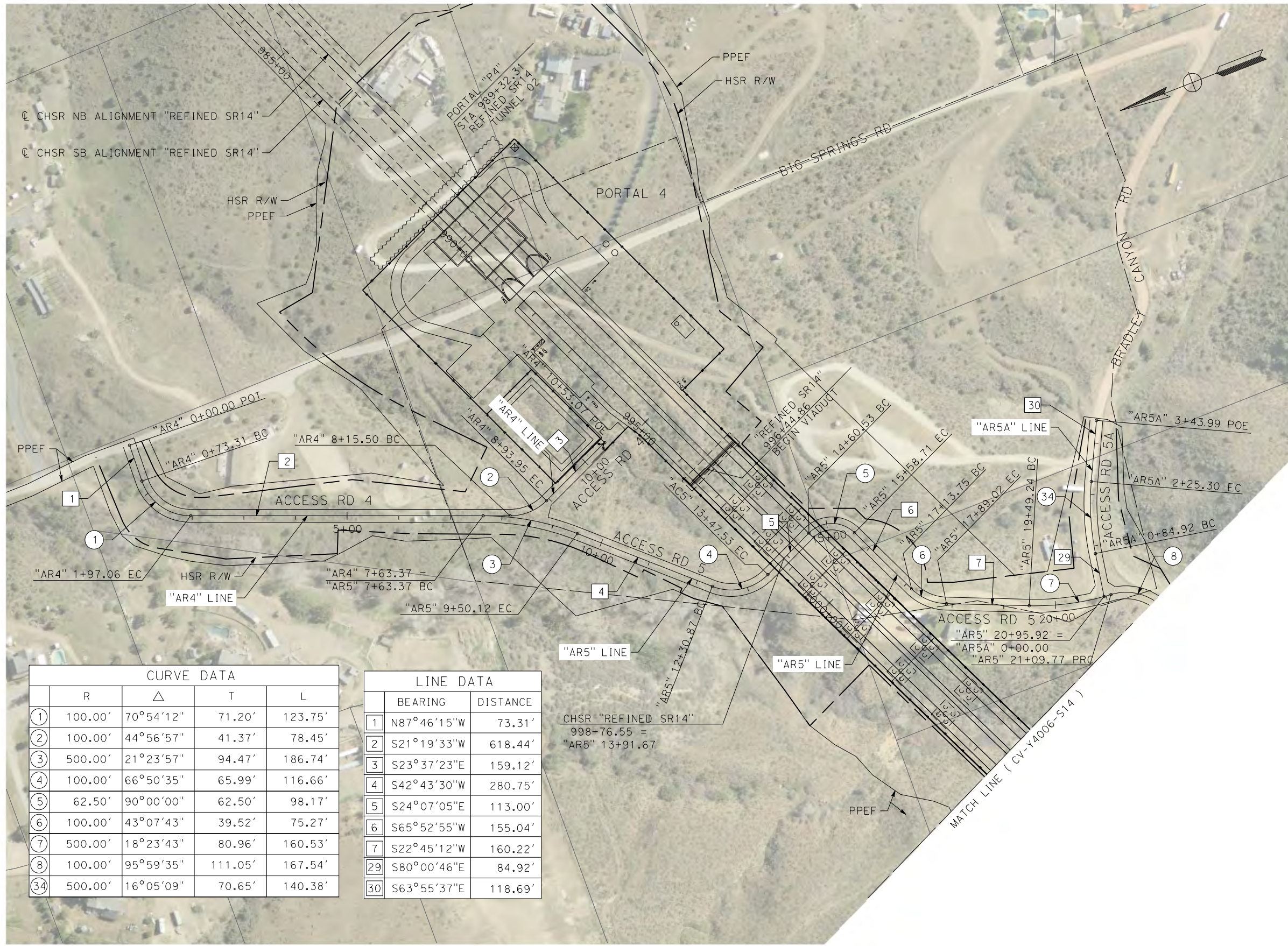
SHEET NO.



ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y4005-S14.dgn

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'
③⑩	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.

ct:\pwork\kingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y4006-S14.dgn

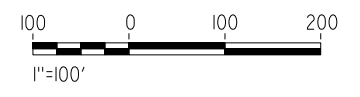
5/27/2021 8:02:35 AM

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'

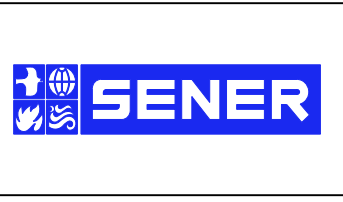


REV	DATE	BY	CHK	APP	DESCRIPTION

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**

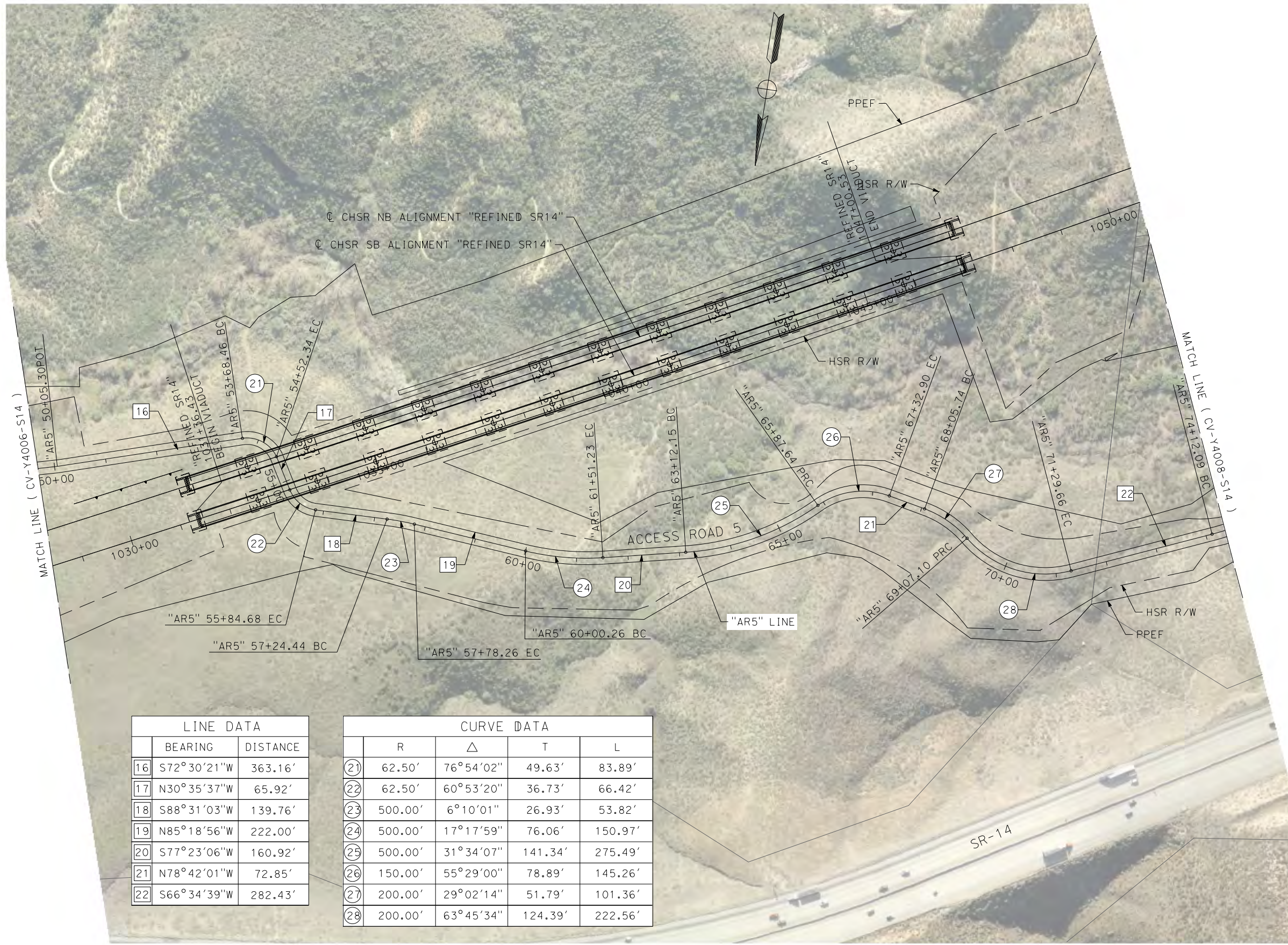
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 5  
SHEET 2 OF 4

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

ct:\pwork\kingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y4007-S14.dgn

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**



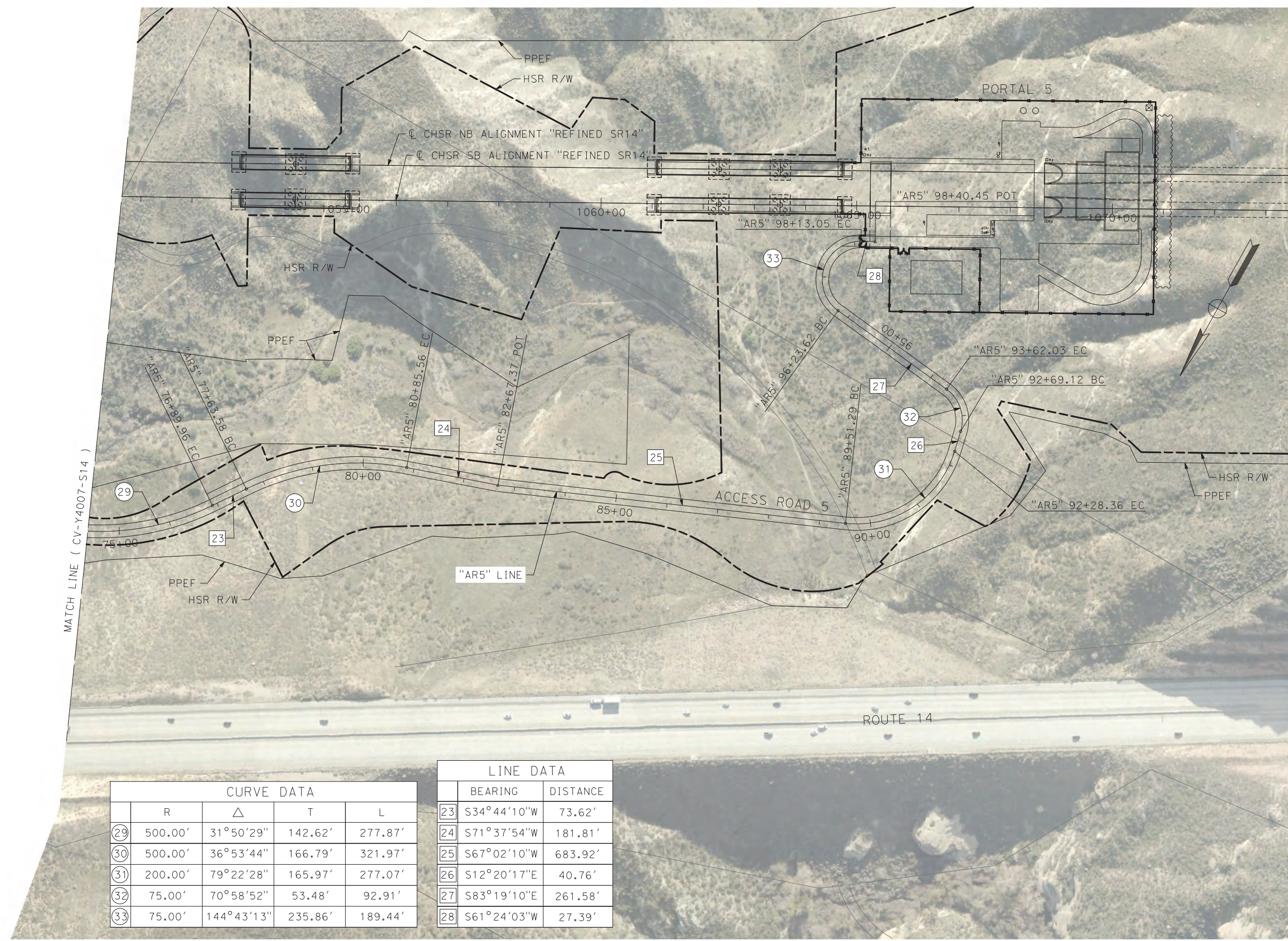
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 5  
SHEET 3 OF 4

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

ct:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-Y4008-S14.dgn

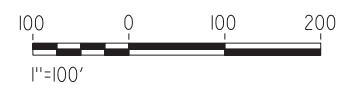
4/23/2021 8:54:21 PM

cordo



MATCH LINE ( CV-Y4007-S14 )

CURVE DATA					LINE DATA		
	R	Δ	T	L		BEARING	DISTANCE
29	500.00'	31°50'29"	142.62'	277.87'	23	S34°44'10"W	73.62'
30	500.00'	36°53'44"	166.79'	321.97'	24	S71°37'54"W	181.81'
31	200.00'	79°22'28"	165.97'	277.07'	25	S67°02'10"W	683.92'
32	75.00'	70°58'52"	53.48'	92.91'	26	S12°20'17"E	40.76'
33	75.00'	144°43'13"	235.86'	189.44'	27	S83°19'10"E	261.58'
					28	S61°24'03"W	27.39'

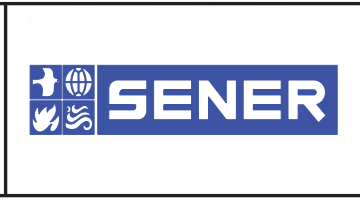


REV	DATE	BY	CHK	APP	DESCRIPTION

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**

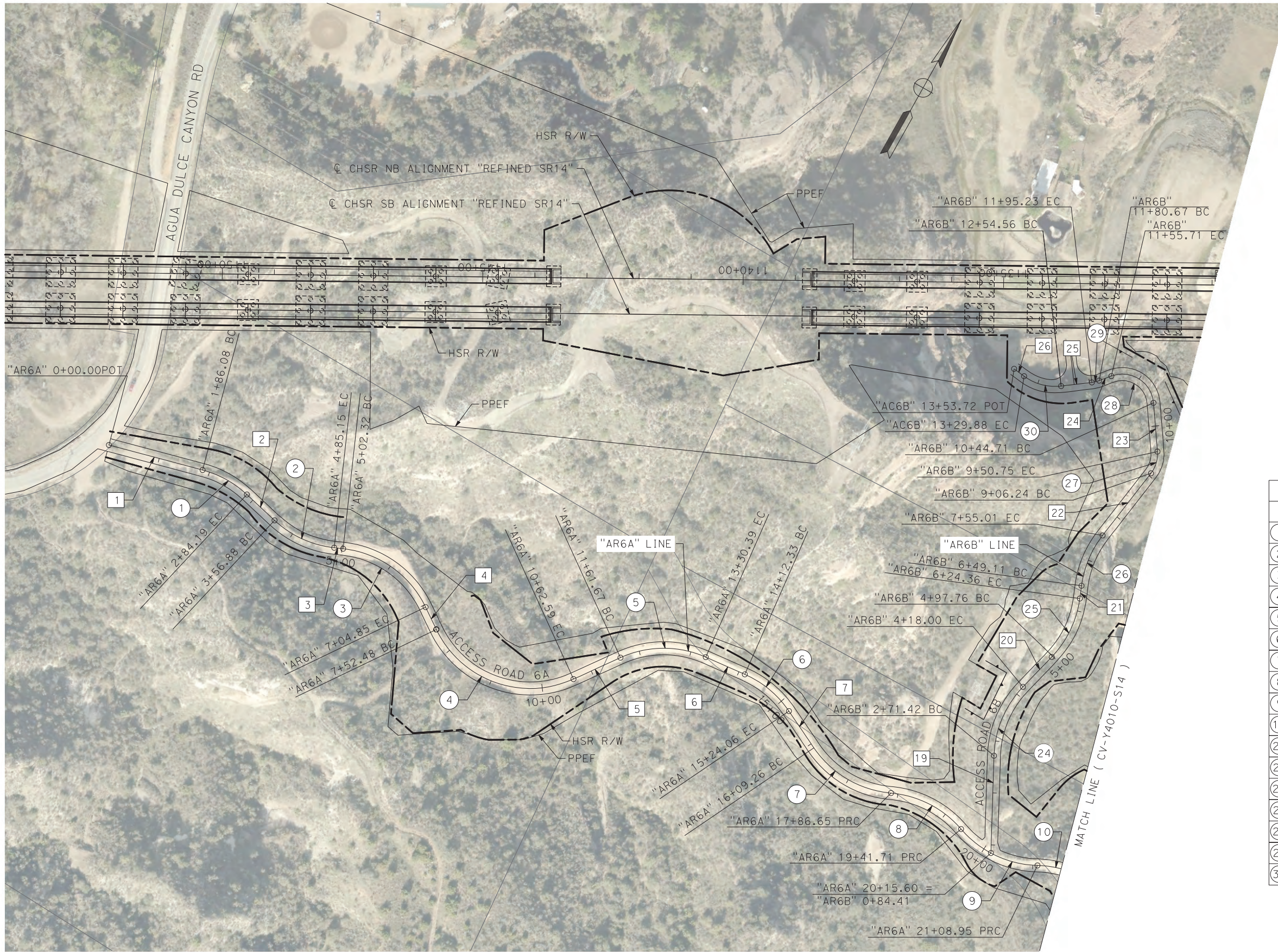
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 5  
SHEET 4 OF 4

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

ct:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y4009-S14.dgn

4/23/2021 9:04:27 PM

cordo



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

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



REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



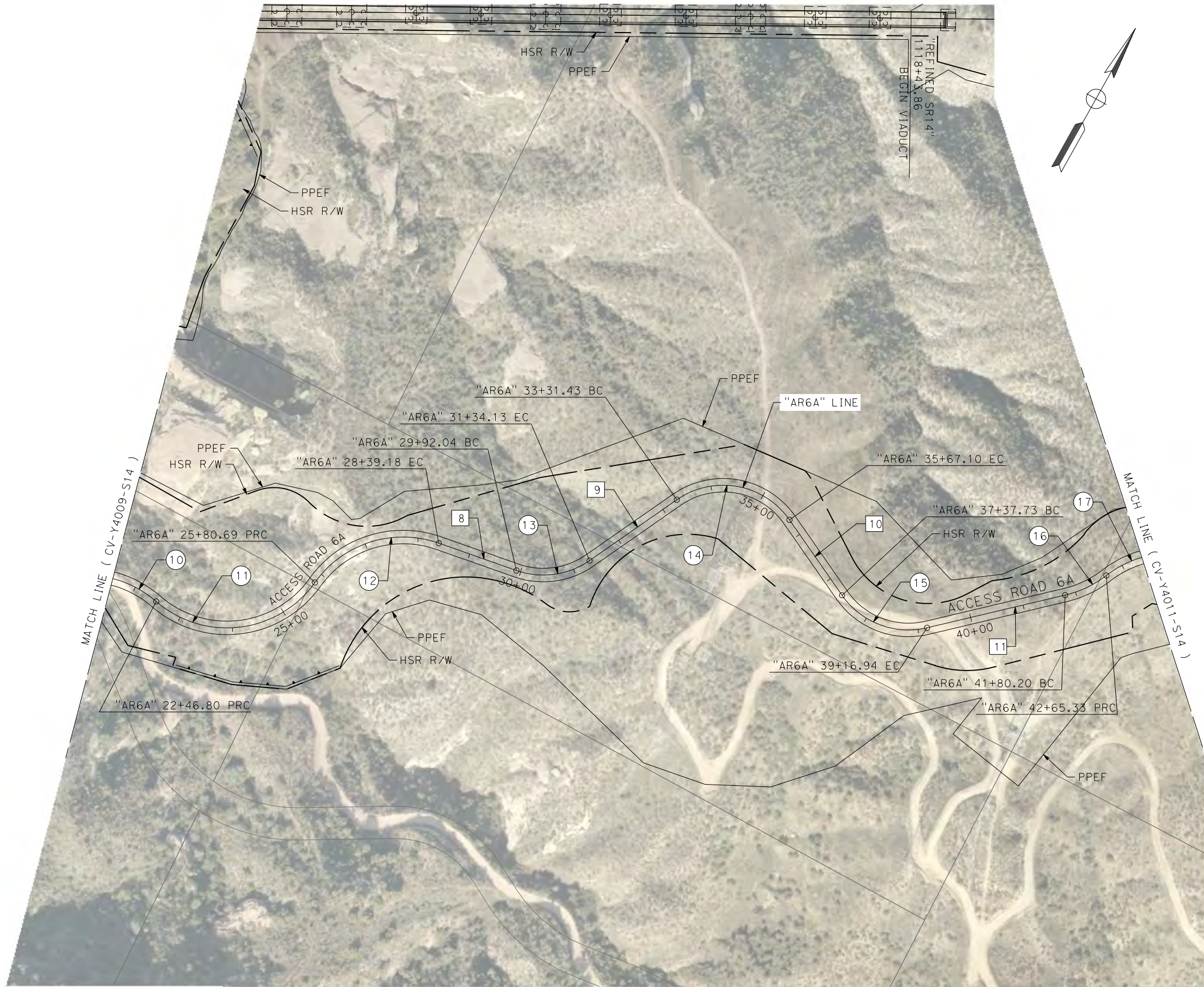
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 6A & 6B  
SHHET 1 OF 3

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

ct:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-Y4010-S14.dgn

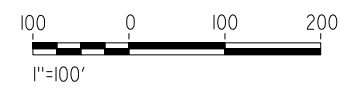
5/21/2021 12:48:18 AM

cordo



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

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



REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



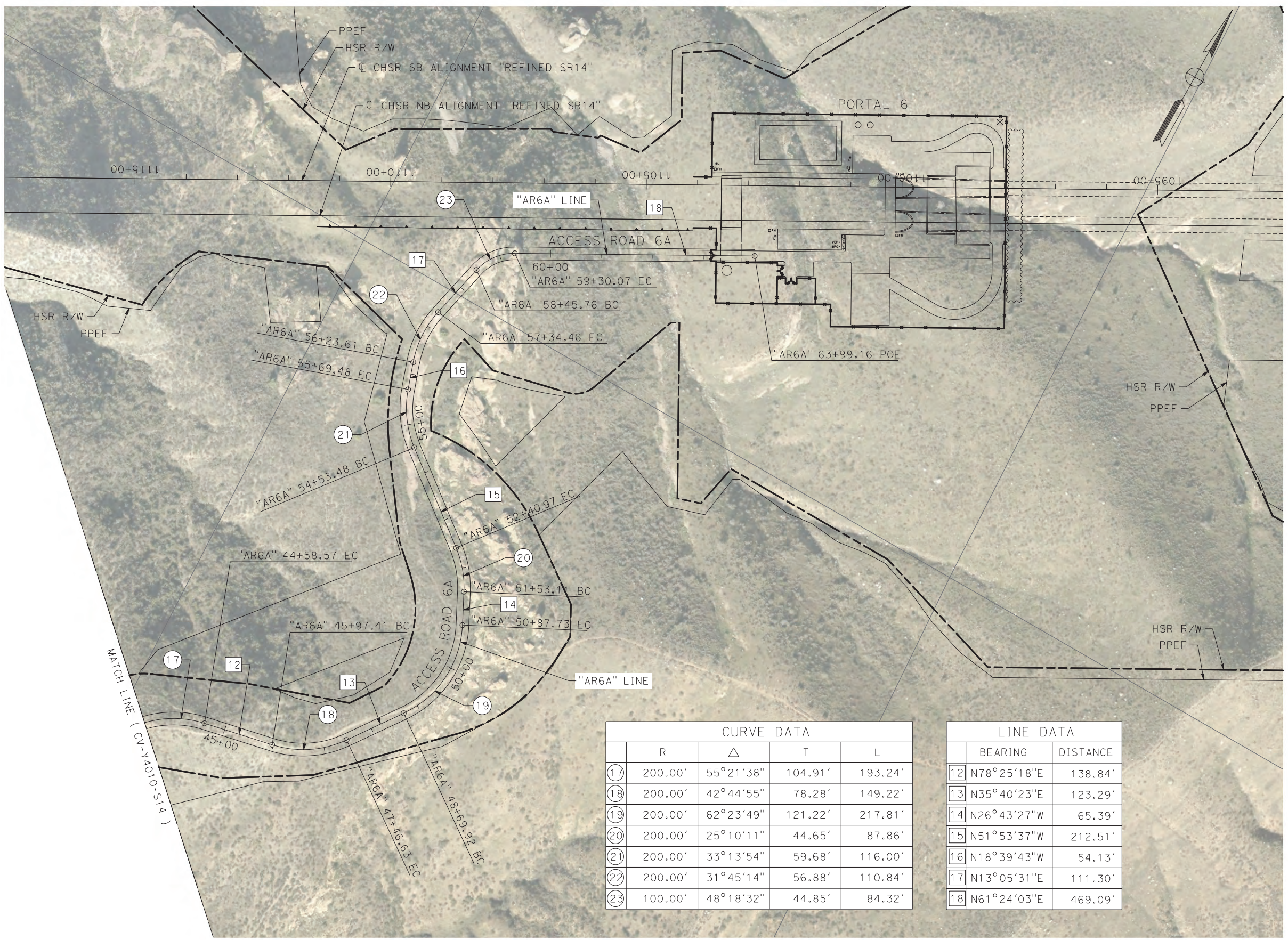
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 6A  
SHEET 2 OF 3

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

ct:\pwork\kingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-Y4011-S14.dgn

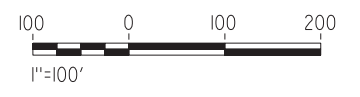
4/23/2021 9:23:12 PM

cordo



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'

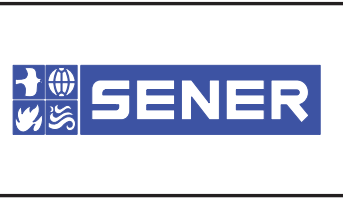


REV	DATE	BY	CHK	APP	DESCRIPTION

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**

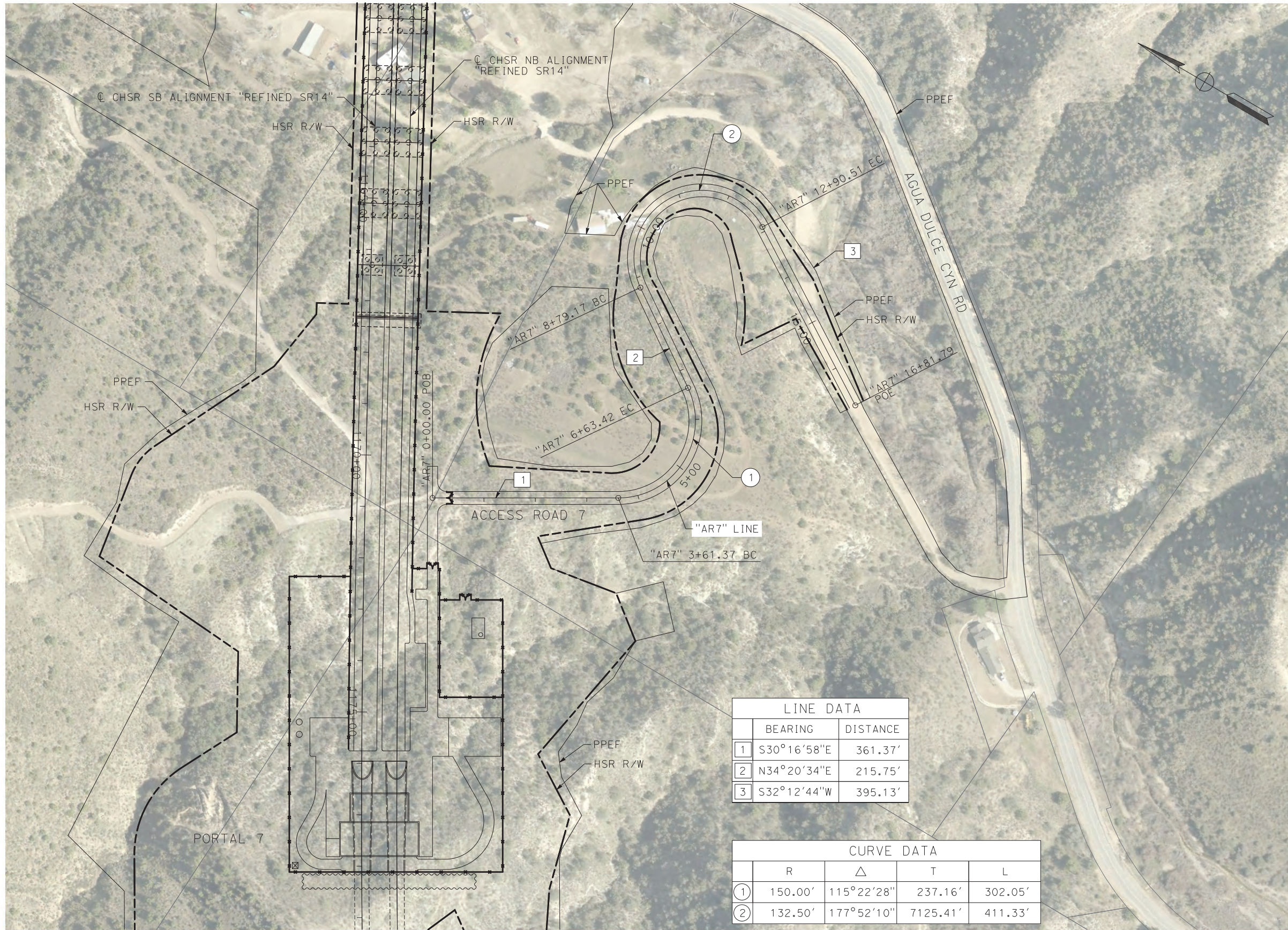
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
ACCESS ROAD 6A  
SHEET 3 OF 3

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

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-Y4012-S14.dgn

4/23/2021 9:35:11 PM

cordo



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.



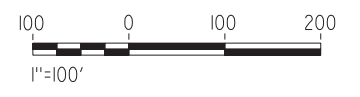
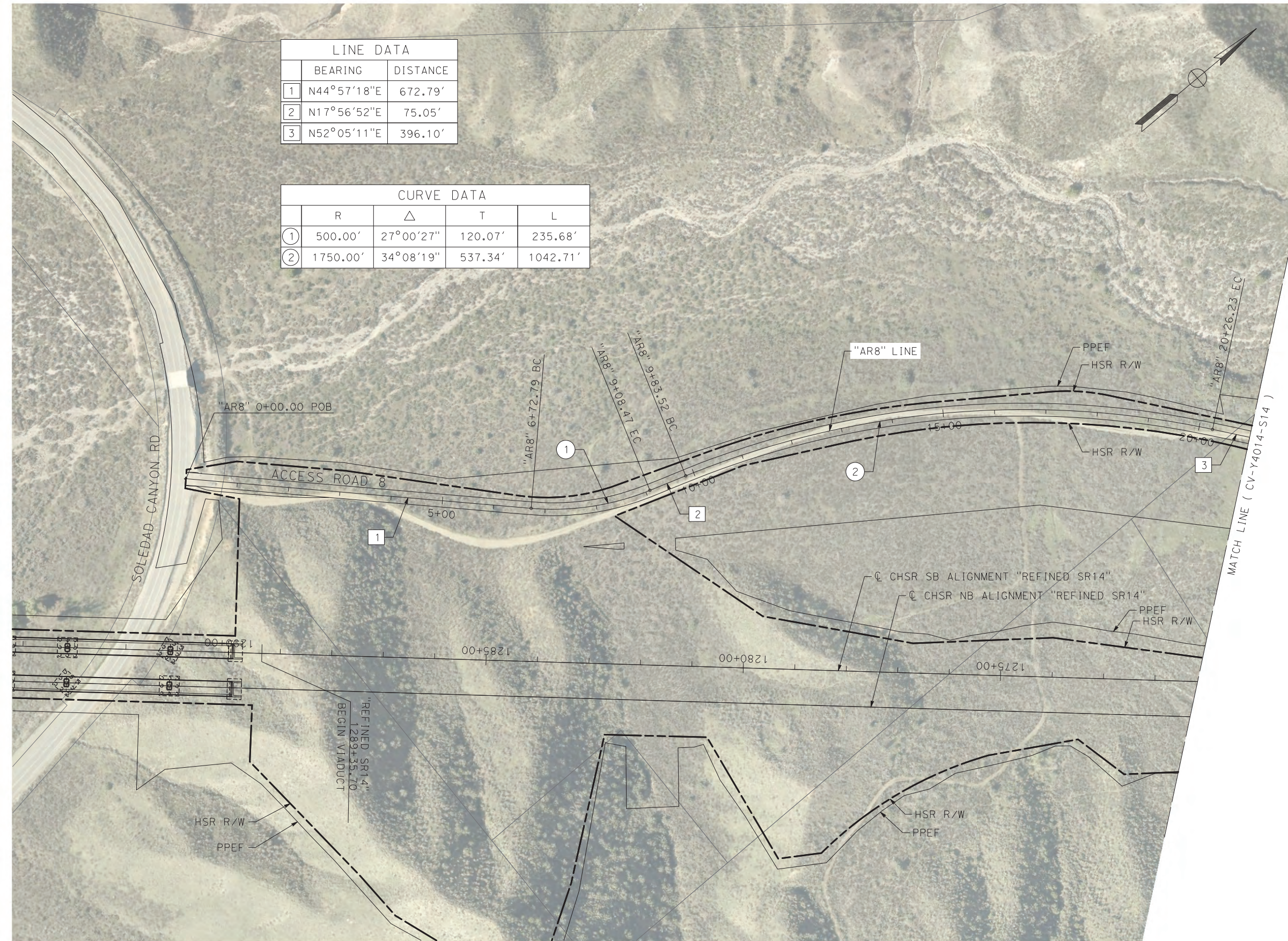
c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalio.cordoba\dms24258\VPB-CV-Y4013-S14.dgn

4/23/2021 9:44:25 PM

cordo

LINE DATA		
	BEARING	DISTANCE
1	N44°57'18"E	672.79'
2	N17°56'52"E	75.05'
3	N52°05'11"E	396.10'

CURVE DATA				
	R	Δ	T	L
①	500.00'	27°00'27"	120.07'	235.68'
②	1750.00'	34°08'19"	537.34'	1042.71'



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 8  
SHEET 1 OF 3

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

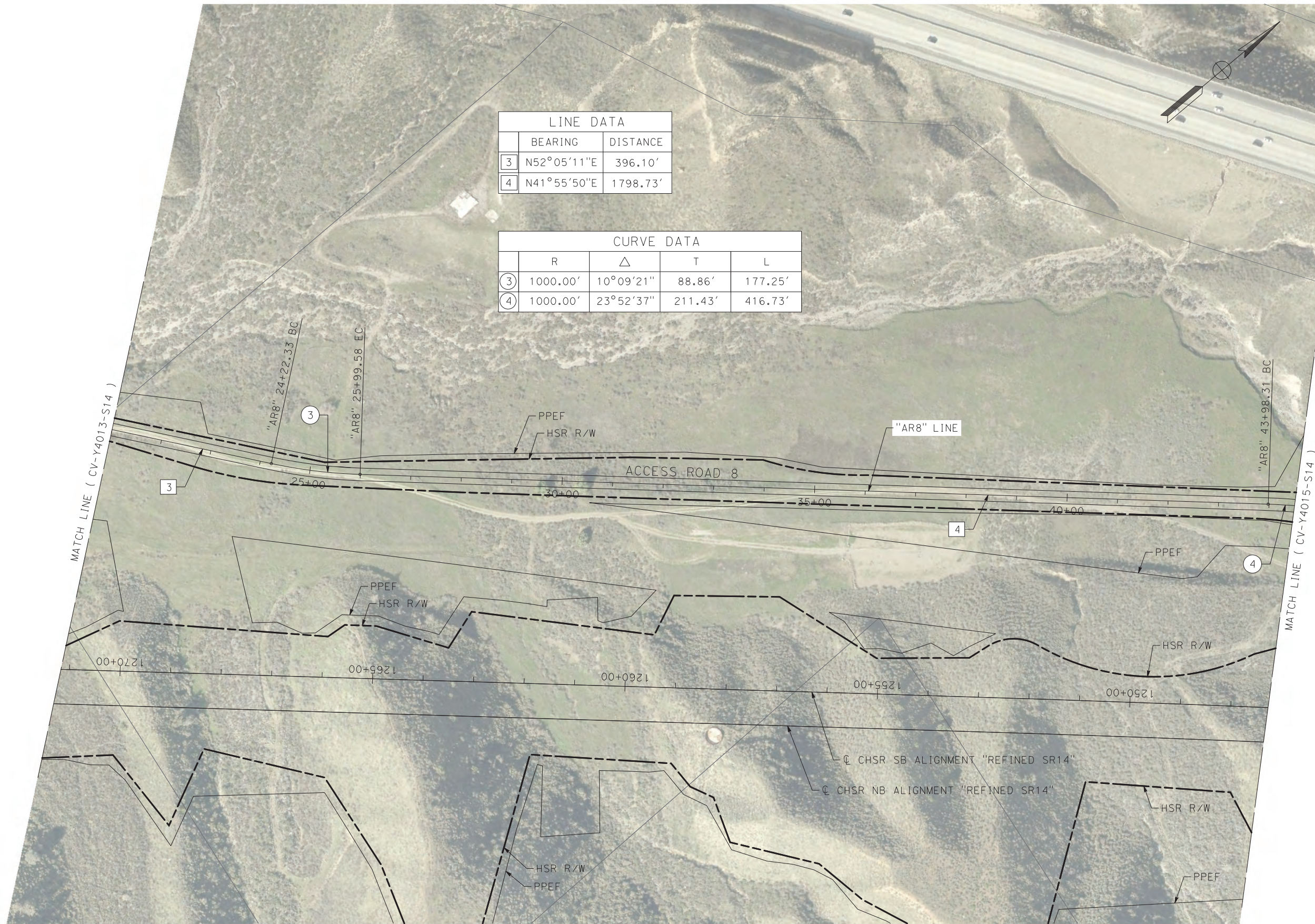
ct:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y4014-S14.dgn

4/23/2021 9:56:41 PM

cordo

LINE DATA		
	BEARING	DISTANCE
3	N52°05'11"E	396.10'
4	N41°55'50"E	1798.73'

CURVE DATA				
	R	Δ	T	L
3	1000.00'	10°09'21"	88.86'	177.25'
4	1000.00'	23°52'37"	211.43'	416.73'



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 8  
SHEET 2 OF 3

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

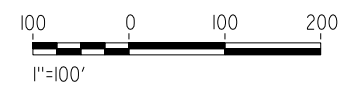
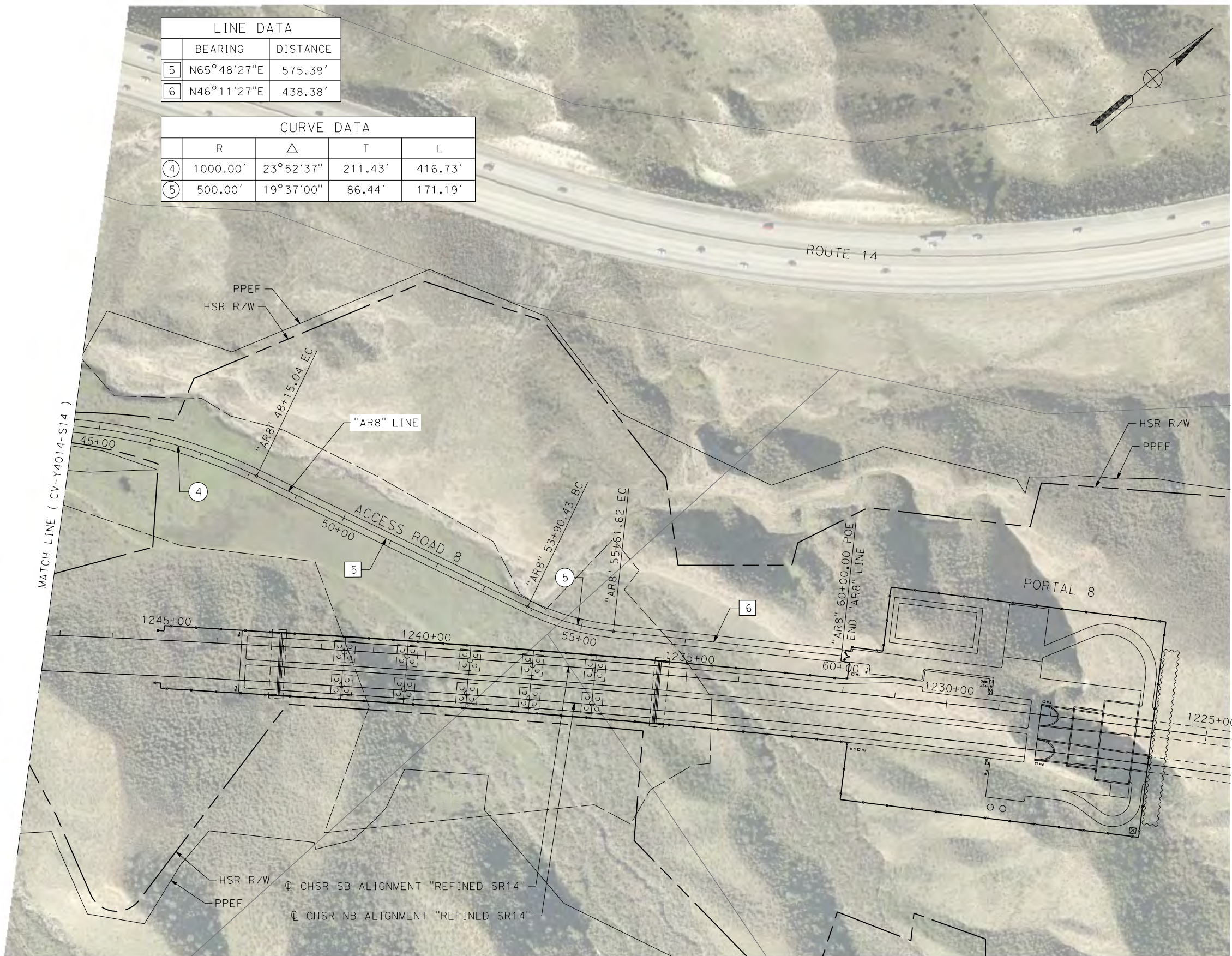
ct:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y4015-S14 DC.dgn

5/21/2021 1:11:10 AM

cordo

LINE DATA		
	BEARING	DISTANCE
5	N65°48'27"E	575.39'
6	N46°11'27"E	438.38'

CURVE DATA				
	R	Δ	T	L
4	1000.00'	23°52'37"	211.43'	416.73'
5	500.00'	19°37'00"	86.44'	171.19'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
J.C. ALAMILLA  
DRAWN BY  
A. SANZ  
CHECKED BY  
W. GUO  
IN 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 8  
SHEET 3 OF 3

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

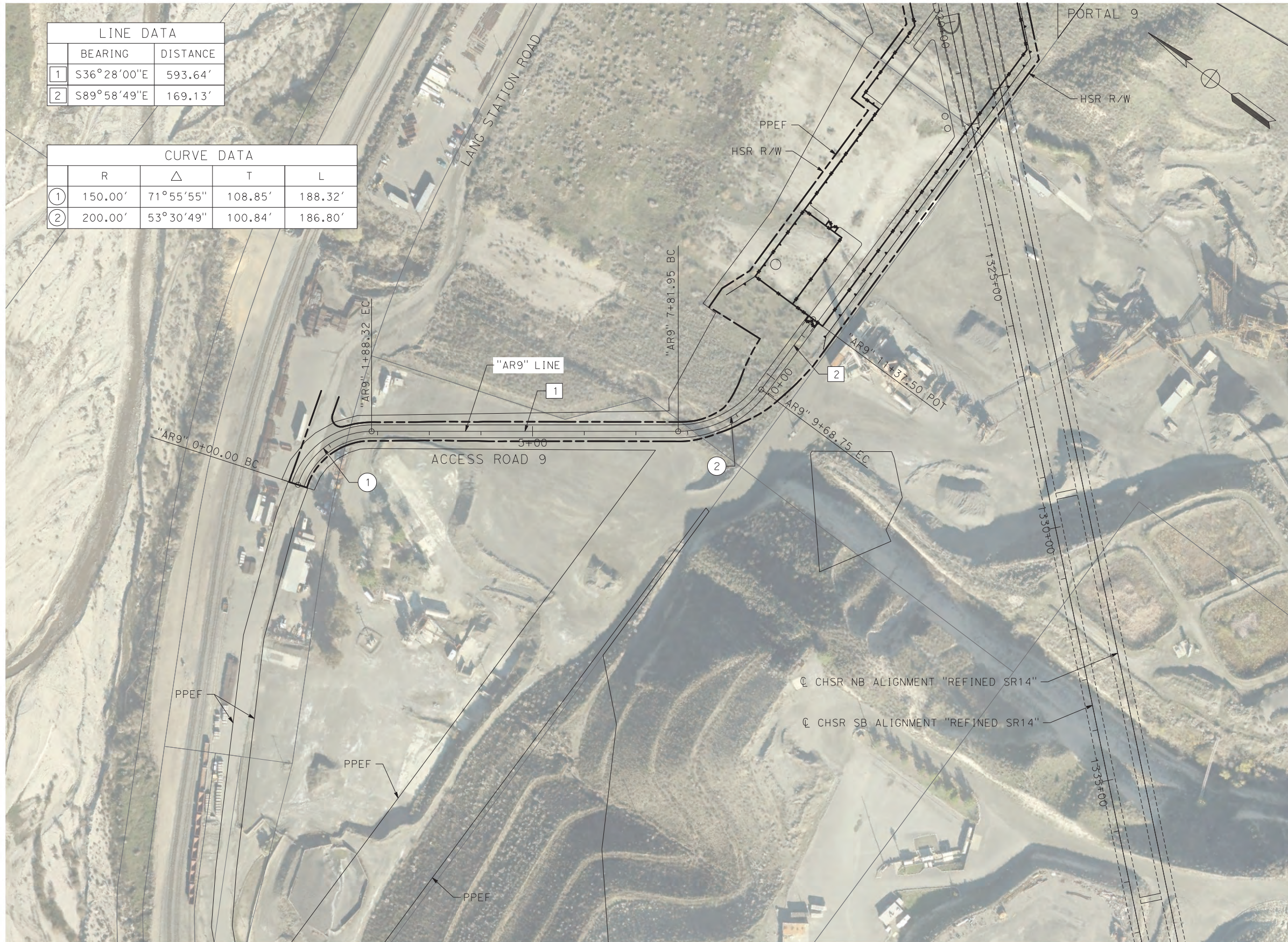
4/23/2021 10:05:45 PM c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalia.corcoba\dms24258\VPB-CV-Y4016-S14.dgn

4/23/2021 10:05:45 PM

corcoba

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.

ct:\pwworkingdir\sener-us-pw\bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-Y4017-S14.dgn

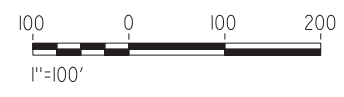
4/23/2021 10:18:26 PM

cordo



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

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

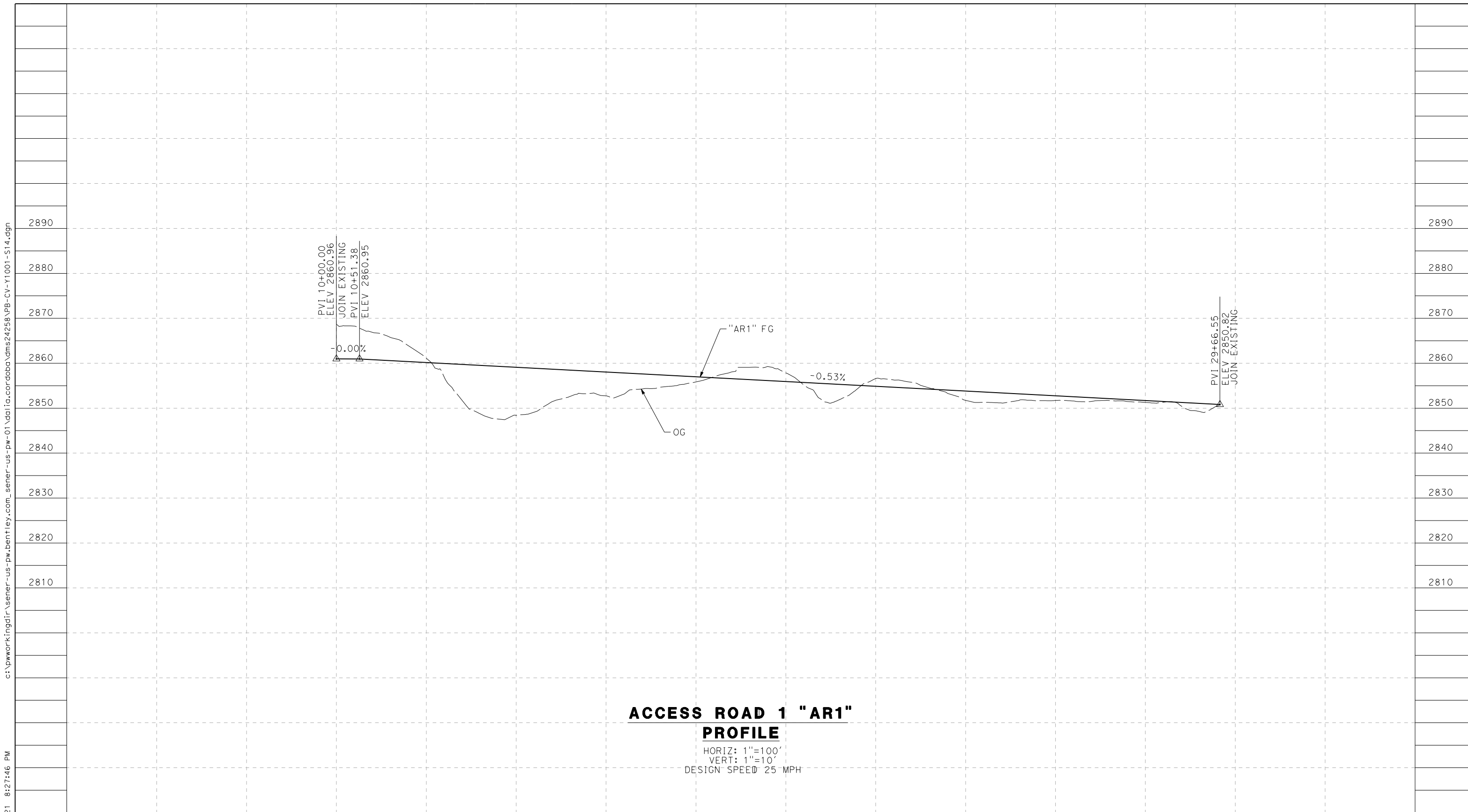


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PLAN  
WEST AND EAST ADIT ROAD OPTION 1 AND OPTION 2

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

5/23/2021 8:27:46 PM c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y1001-S14.dgn

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
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**

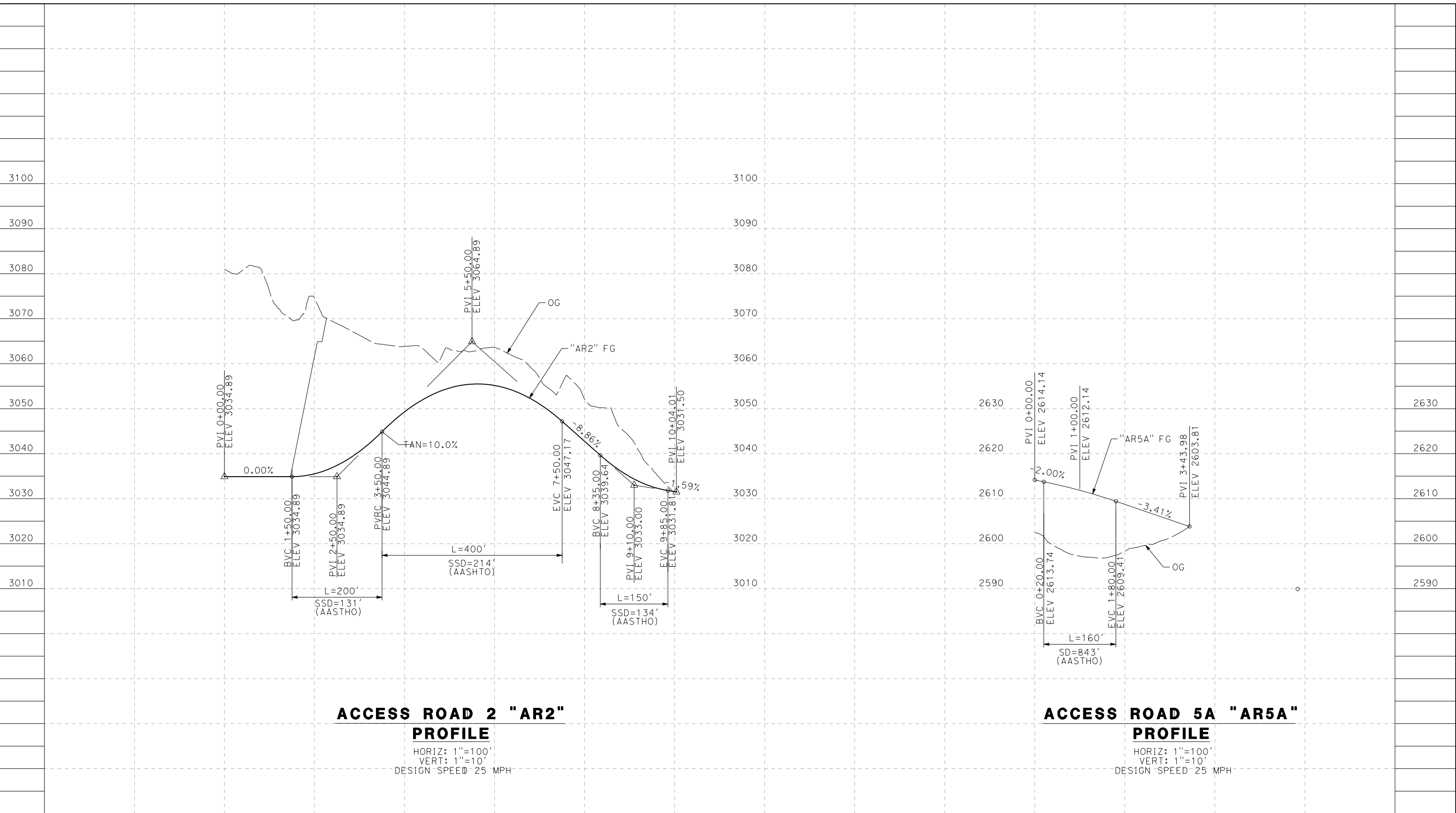


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PROFILE  
ACCESS ROAD 1

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

5/23/2021 8:31:23 PM c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y1002-S14.dgn

cordo



**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**



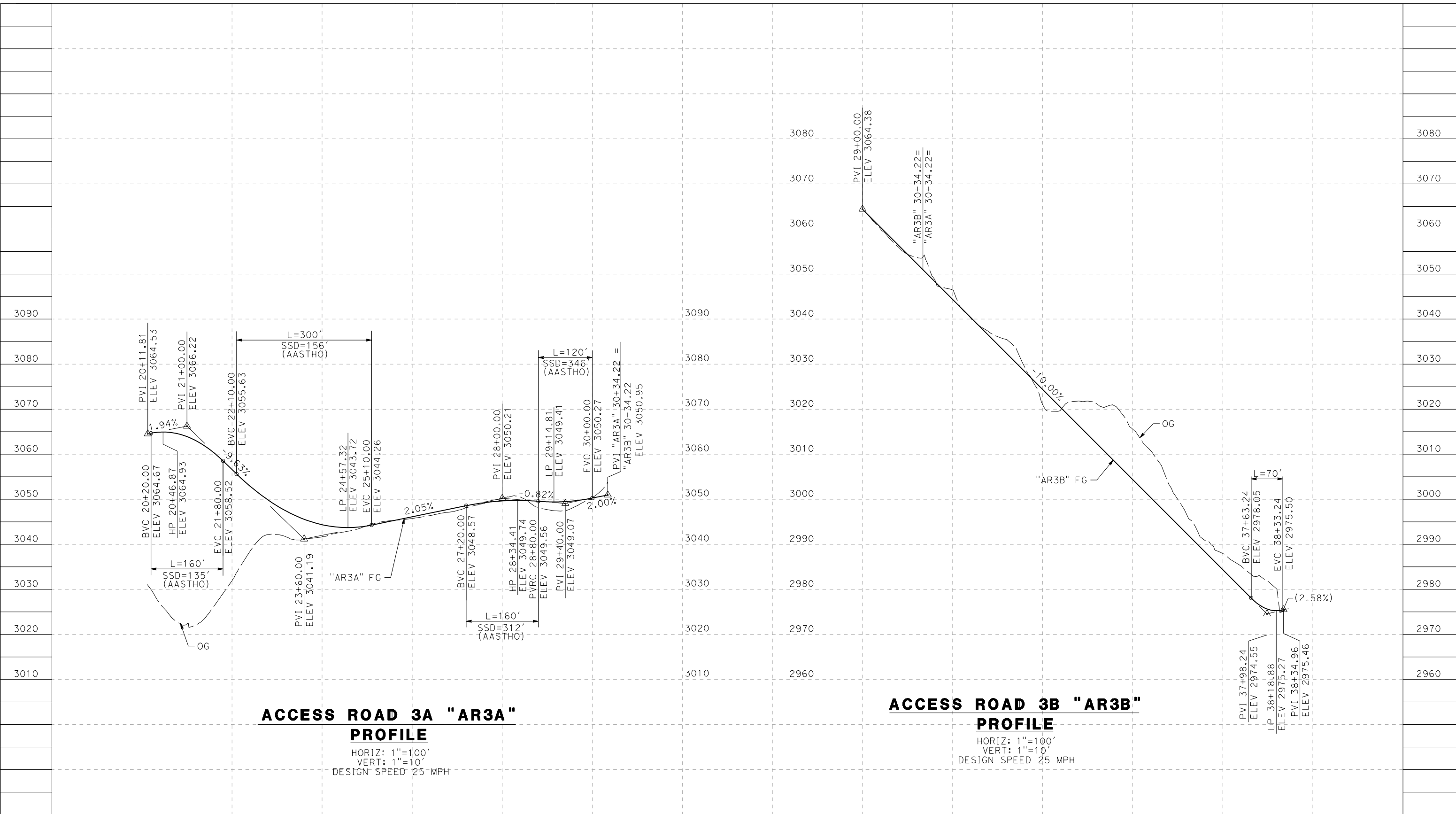
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ACCESS ROAD PROFILE  
 ACCESS ROAD 2 AND ACCESS ROAD 5A

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

c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y1003-S14.dgn

5/23/2021 8:33:53 PM

cordo



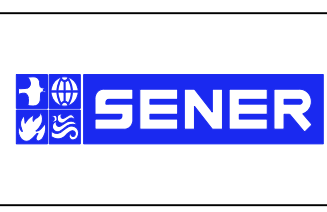
STATION	20+00	22+00	24+00	26+00	28+00	30+00	29+00	31+00	33+00	35+00	37+00	39+00	TOTAL
CY	Exc												
	Emb												

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**



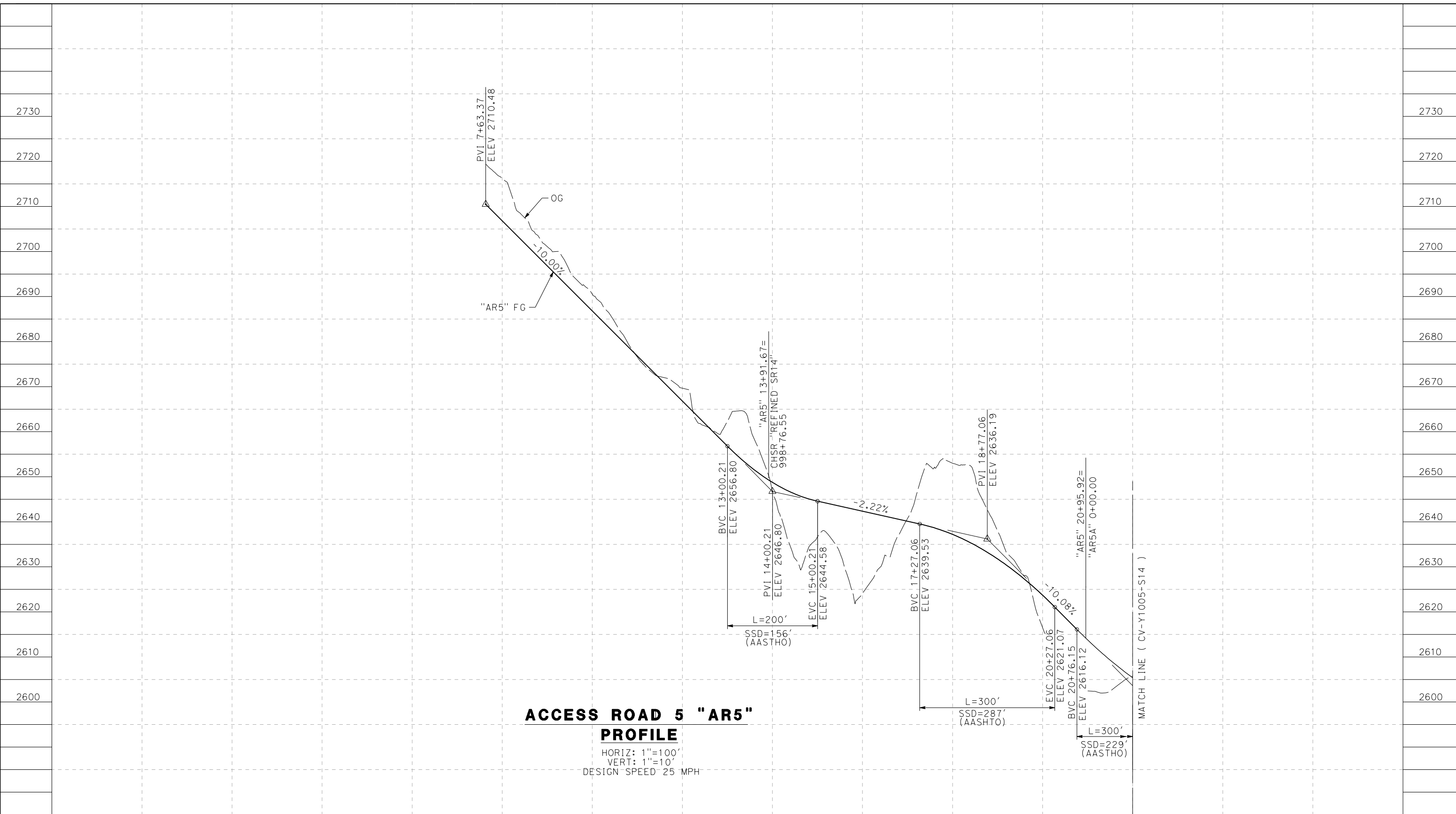
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ACCESS ROAD PROFILE  
 ACCESS ROAD 3A & 3B

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



5/23/2021 8:35:20 PM c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y1004-S14.dgn

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 PROJECT  
PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ACCESS ROAD PROFILE  
 ACCESS ROAD 5  
 SHEET 1 OF 4

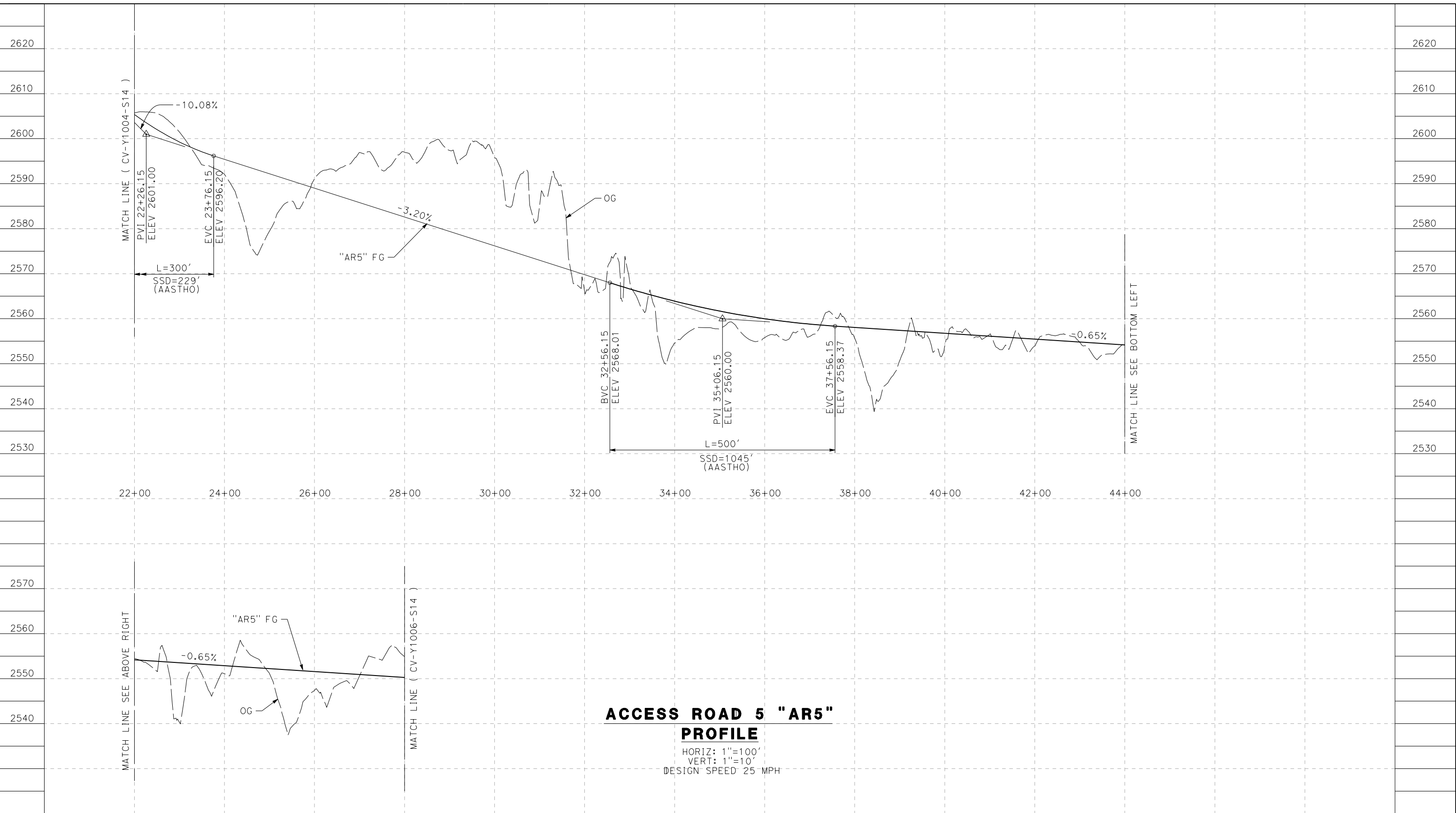
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-Y1004-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-Y1005-S14.dgn

5/23/2021 8:36:51 PM

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**



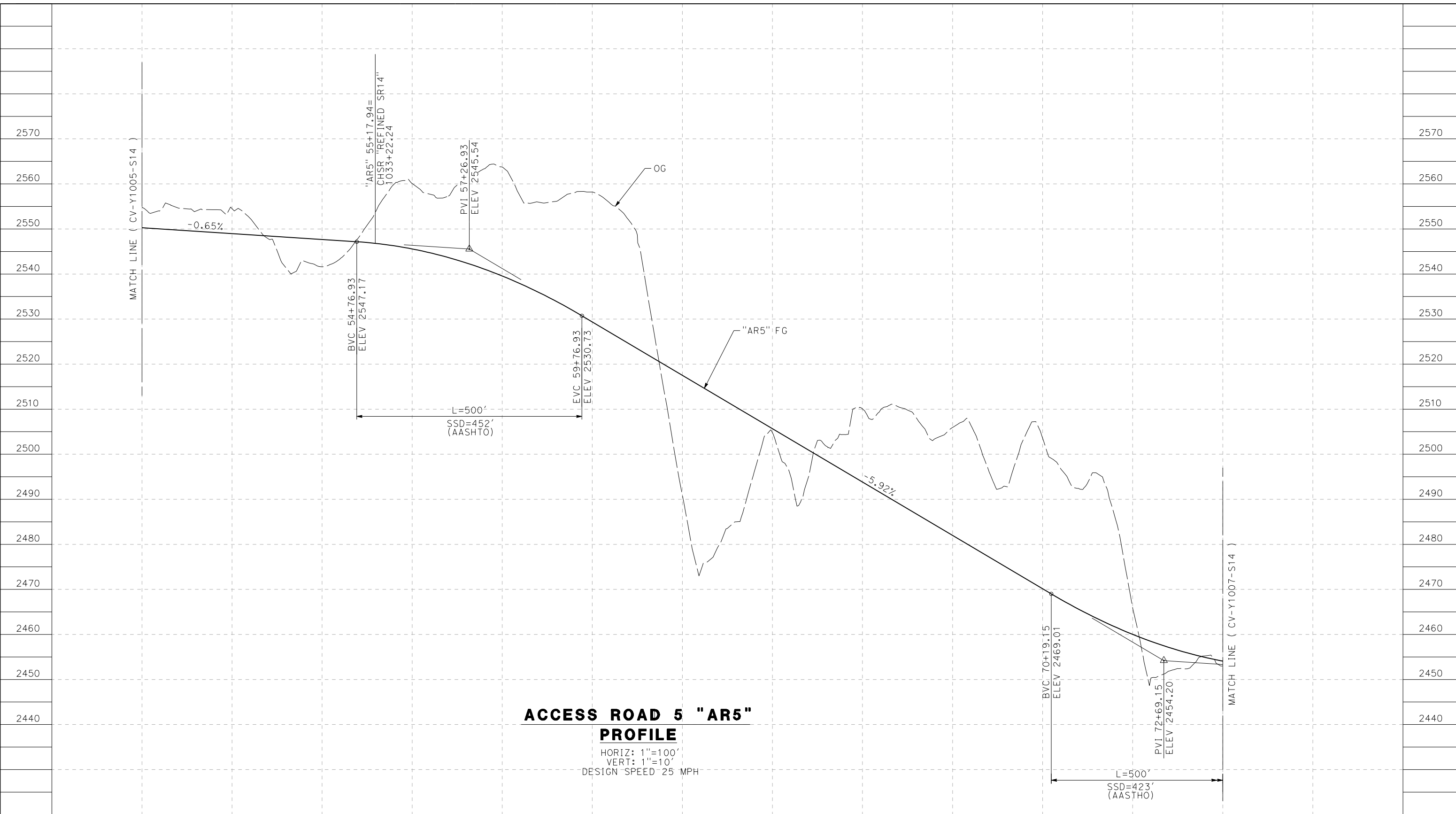
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**

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.

5/23/2021 8:38:38 PM c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y1006-S14.dgn

cordo



**ACCESS ROAD 5 "AR5"  
PROFILE**

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

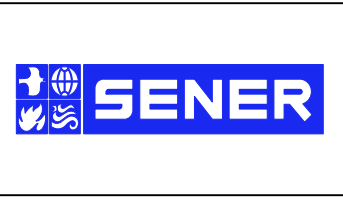
STATION	50+00	52+00	54+00	56+00	58+00	60+00	62+00	64+00	66+00	68+00	70+00	72+00	74+00	TOTAL
CY	Exc													
	Emb													

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**

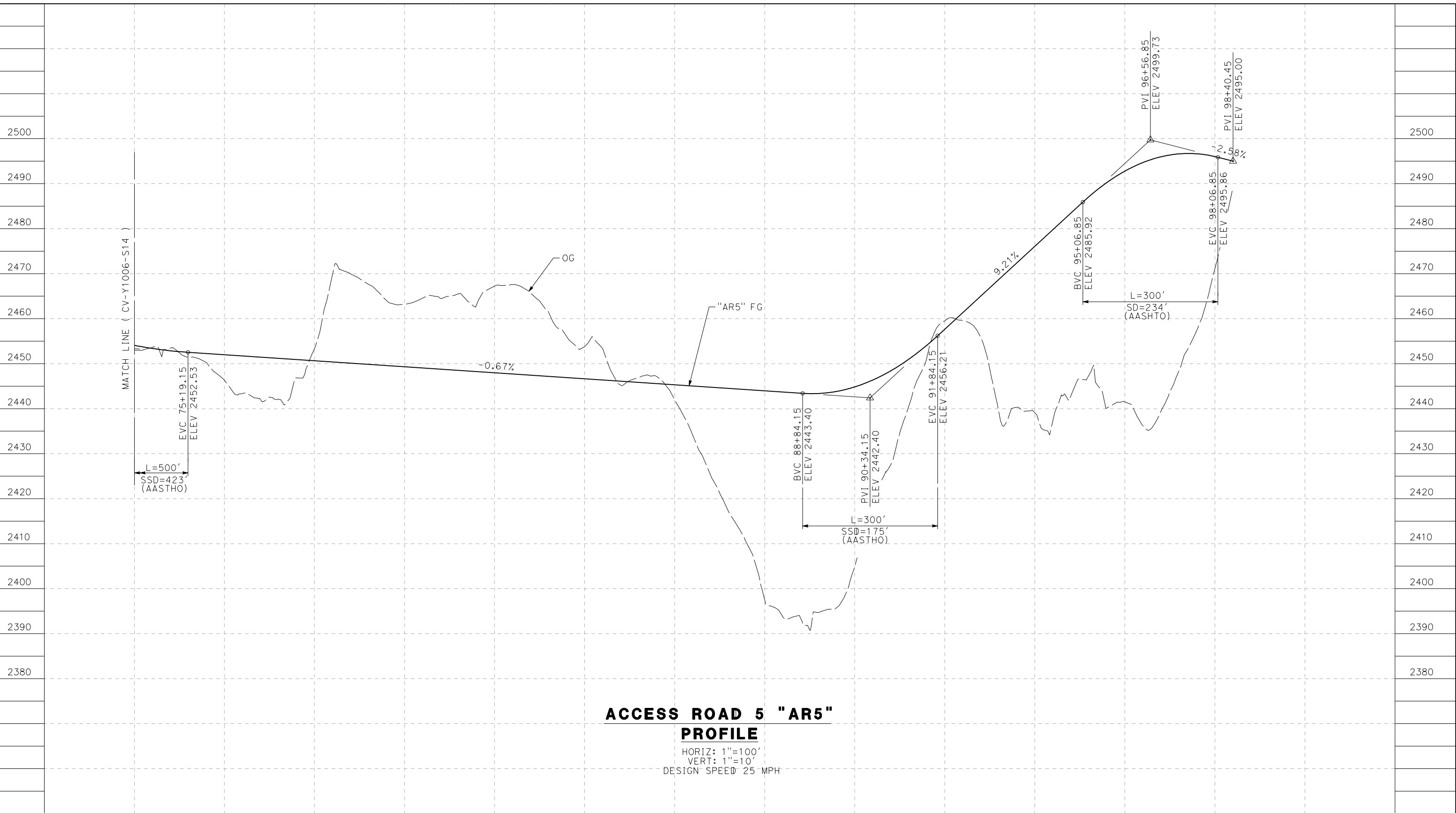
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PROFILE  
ACCESS ROAD 5  
SHEET 3 OF 4

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

ct:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y1007-S14.dgn

5/23/2021 8:40:56 PM

cordo



**ACCESS ROAD 5 "AR5"  
PROFILE**

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

STATION	74+00	76+00	78+00	80+00	82+00	84+00	86+00	88+00	90+00	92+00	94+00	96+00	98+00	TOTAL
CY	Exc													
	Emb													

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

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



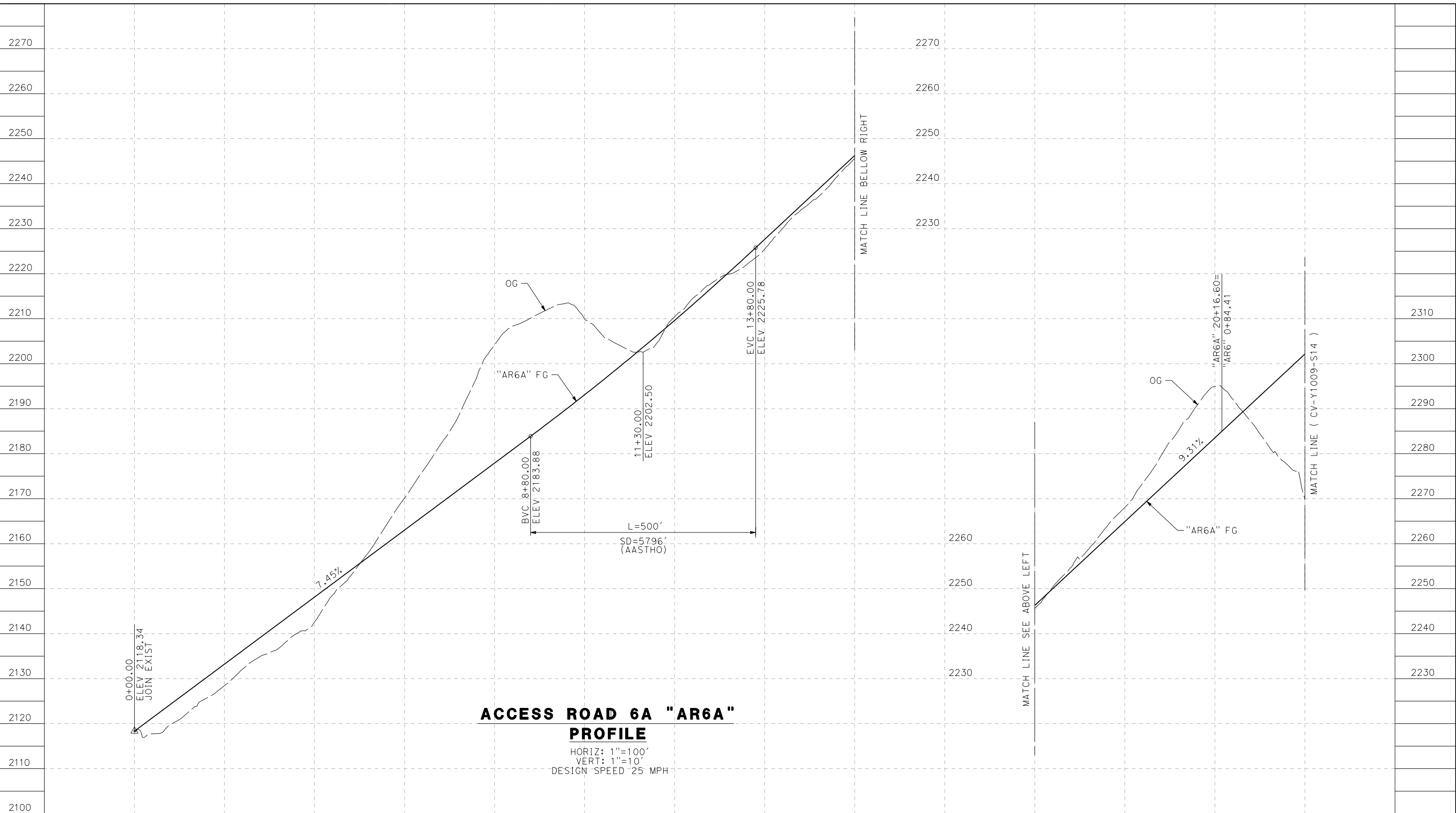
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PROFILE  
ACCESS ROAD 5  
SHEET 4 OF 4

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

REV	DATE	BY	CHK	APP	DESCRIPTION

5/26/2021 9:57:00 PM c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y1008-S14.dgn

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
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**



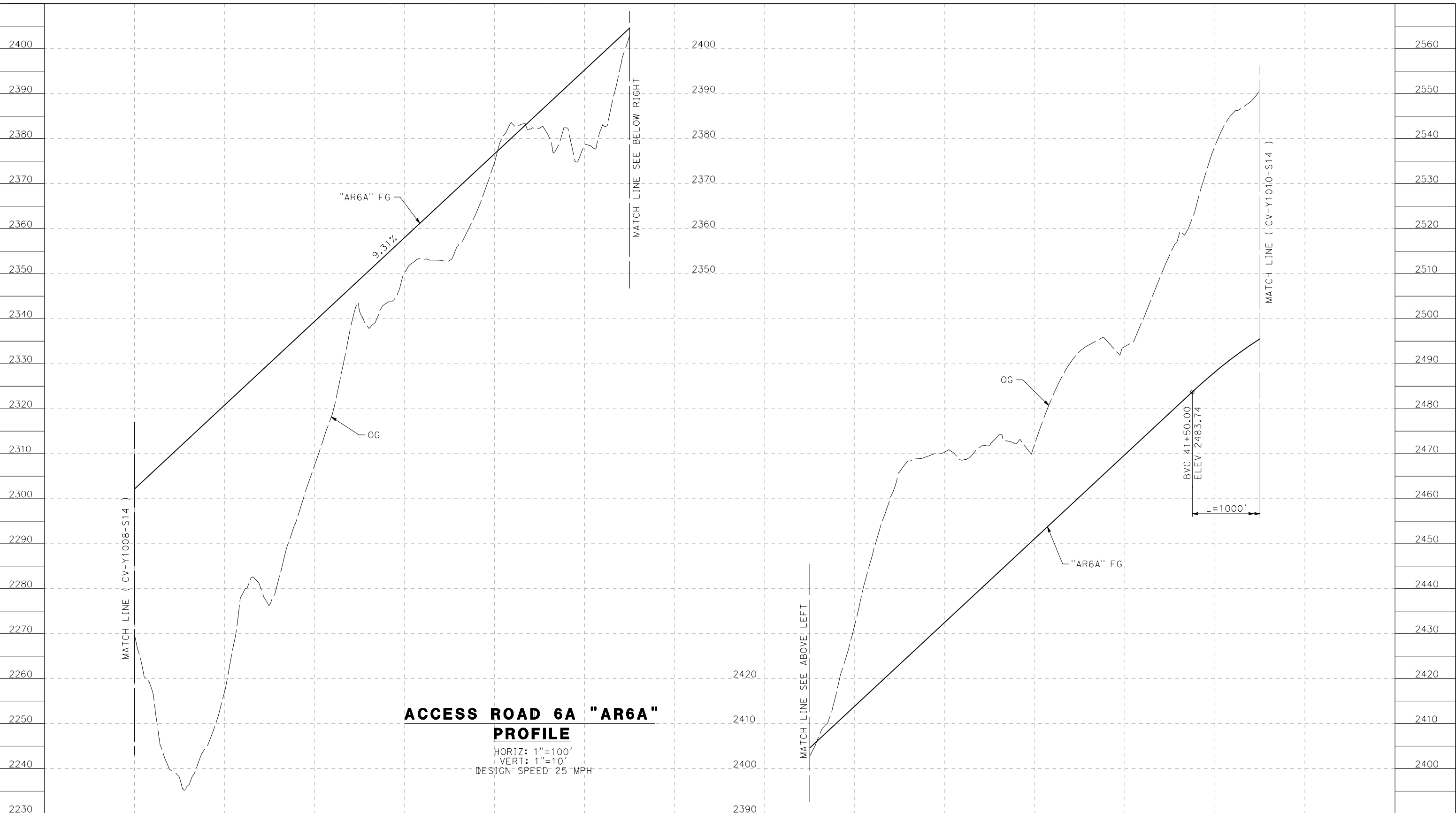
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ACCESS ROAD PROFILE  
 ACCESS ROAD 6A  
 SHEET 1 OF 3

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

REV	DATE	BY	CHK	APP	DESCRIPTION

5/23/2021 8:45:12 PM c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-Y1009-S14.dgn

cordo



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

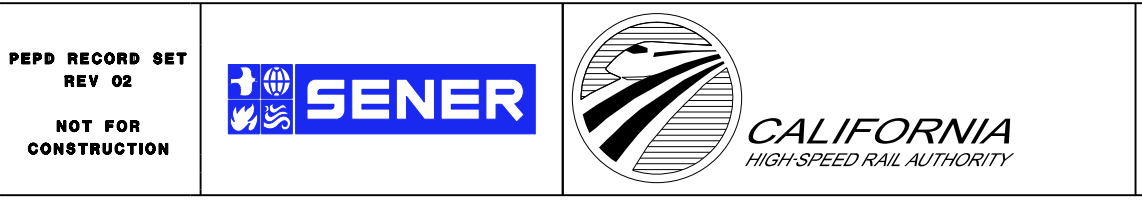
HORIZ: 1"=100'  
VERT: 1"=10'  
DESIGN SPEED 25 MPH

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**

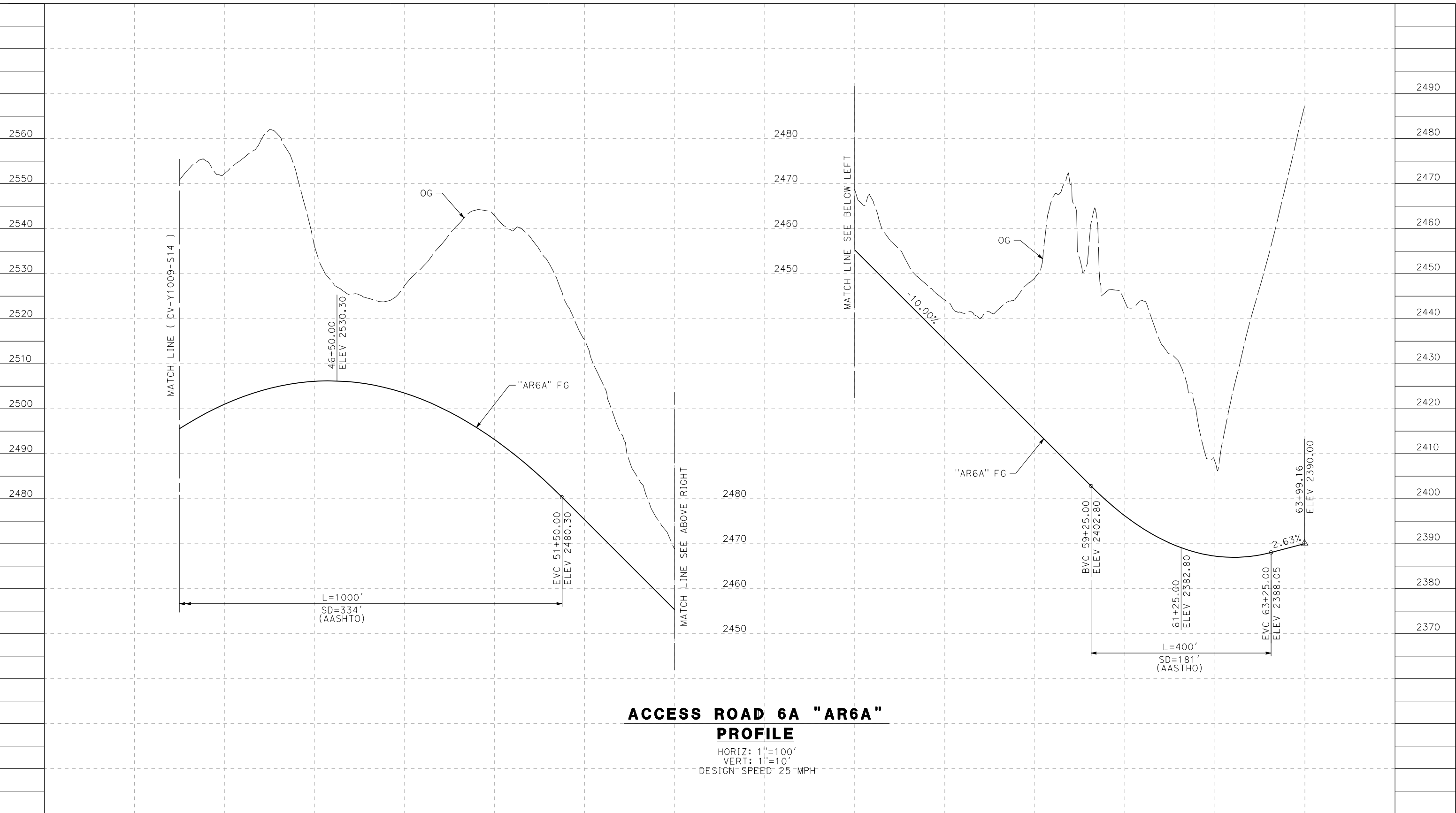
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PROFILE  
ACCESS ROAD 6A  
SHEET 2 OF 3

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

ct:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y1010-S14.dgn

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
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**



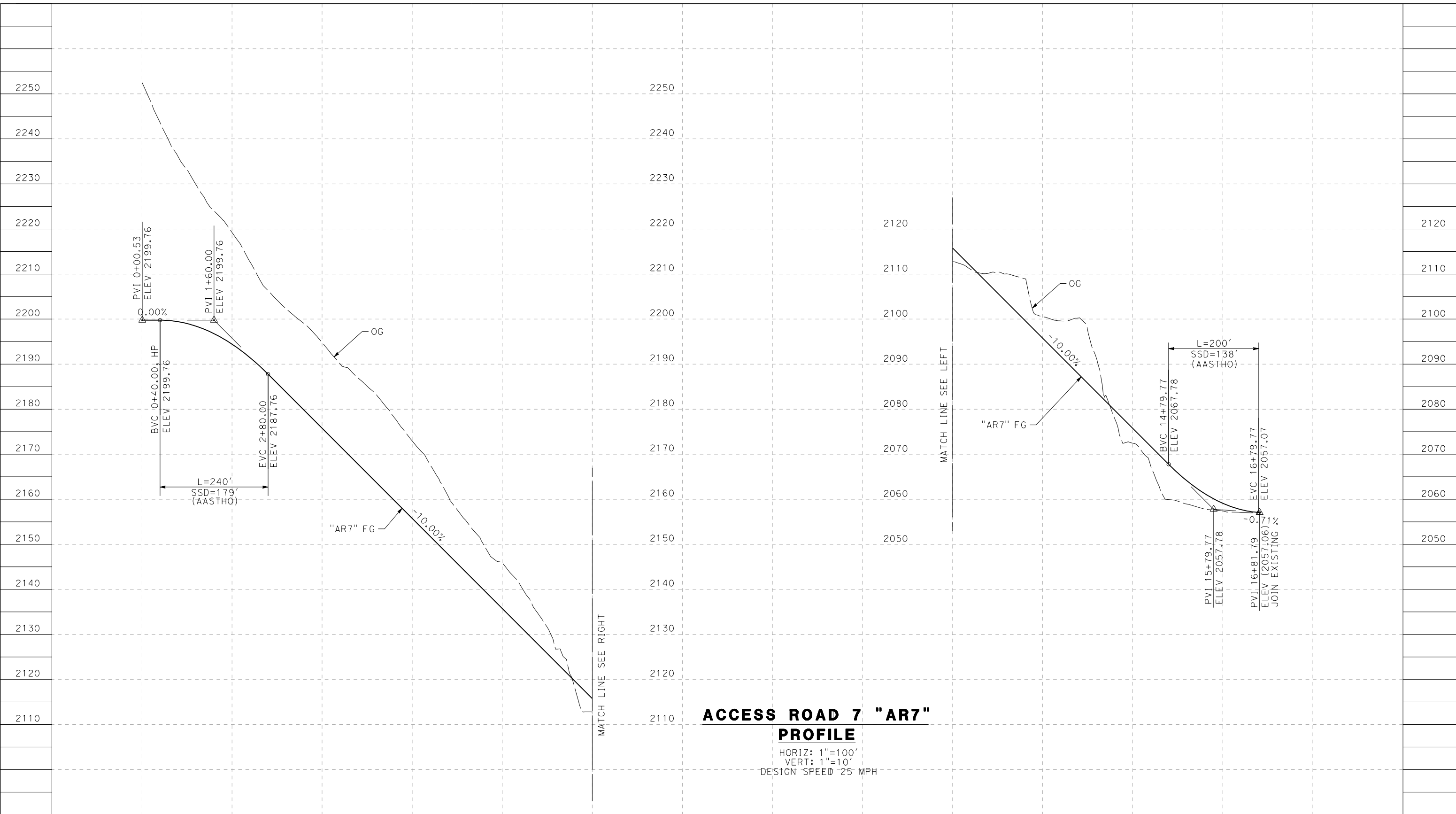
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PROFILE  
ACCESS ROAD 6A  
SHEET 3 OF 3

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

REV	DATE	BY	CHK	APP	DESCRIPTION

5/26/2021 10:01:26 PM c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-Y1011-S14.dgn

cordo



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

STATION	0+00	2+00	4+00	6+00	8+00	10+00	10+00	12+00	14+00	16+00	18+00	TOTAL
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 7

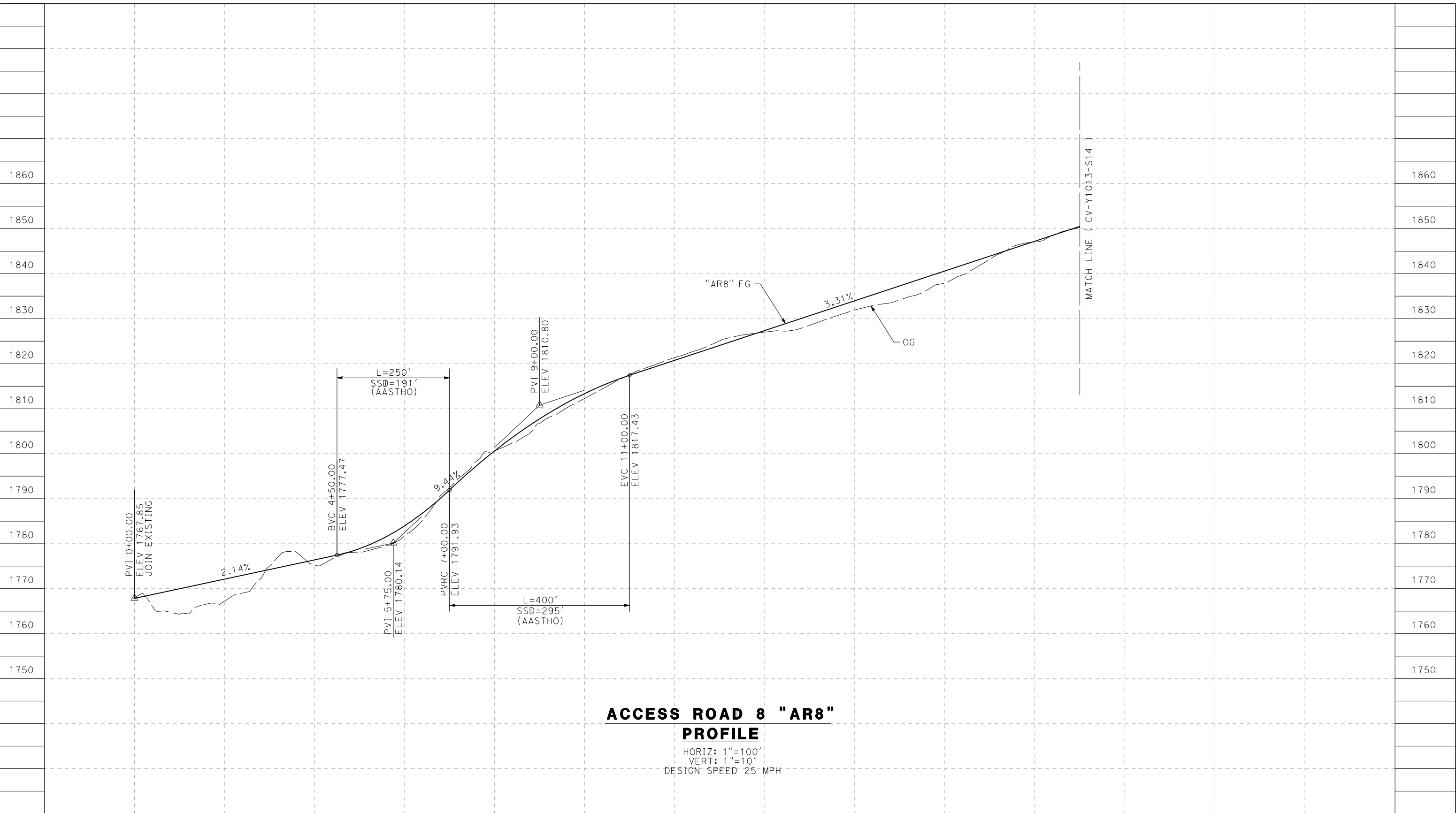
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-Y1011-S14  
SCALE  
AS SHOWN  
SHEET NO.



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

5/23/2021 8:51:02 PM

cordo



**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  
J.C. ALAMILLA  
DRAWN BY  
A. SANZ  
CHECKED BY  
W. GUO  
IN 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 8  
SHEET 1 OF 3

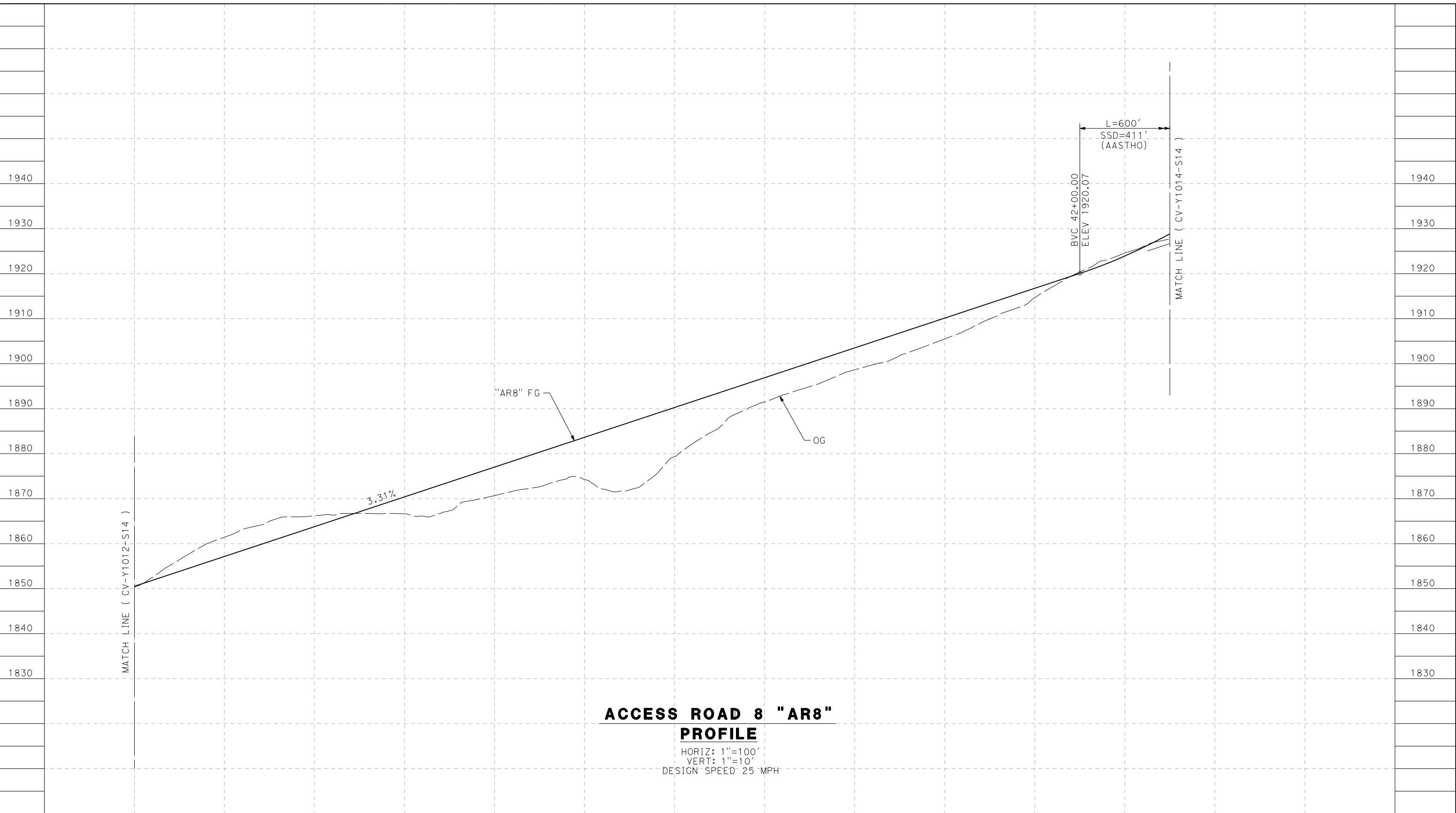
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-Y1012-S14  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y1013-S14.dgn

5/23/2021 8:52:40 PM

cordo



**ACCESS ROAD 8 "AR8"**  
**PROFILE**

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

STATION	21+00	22+00	24+00	26+00	28+00	30+00	32+00	34+00	36+00	38+00	40+00	42+00	44+00	TOTAL
CY	Exc													
	Emb													

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

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



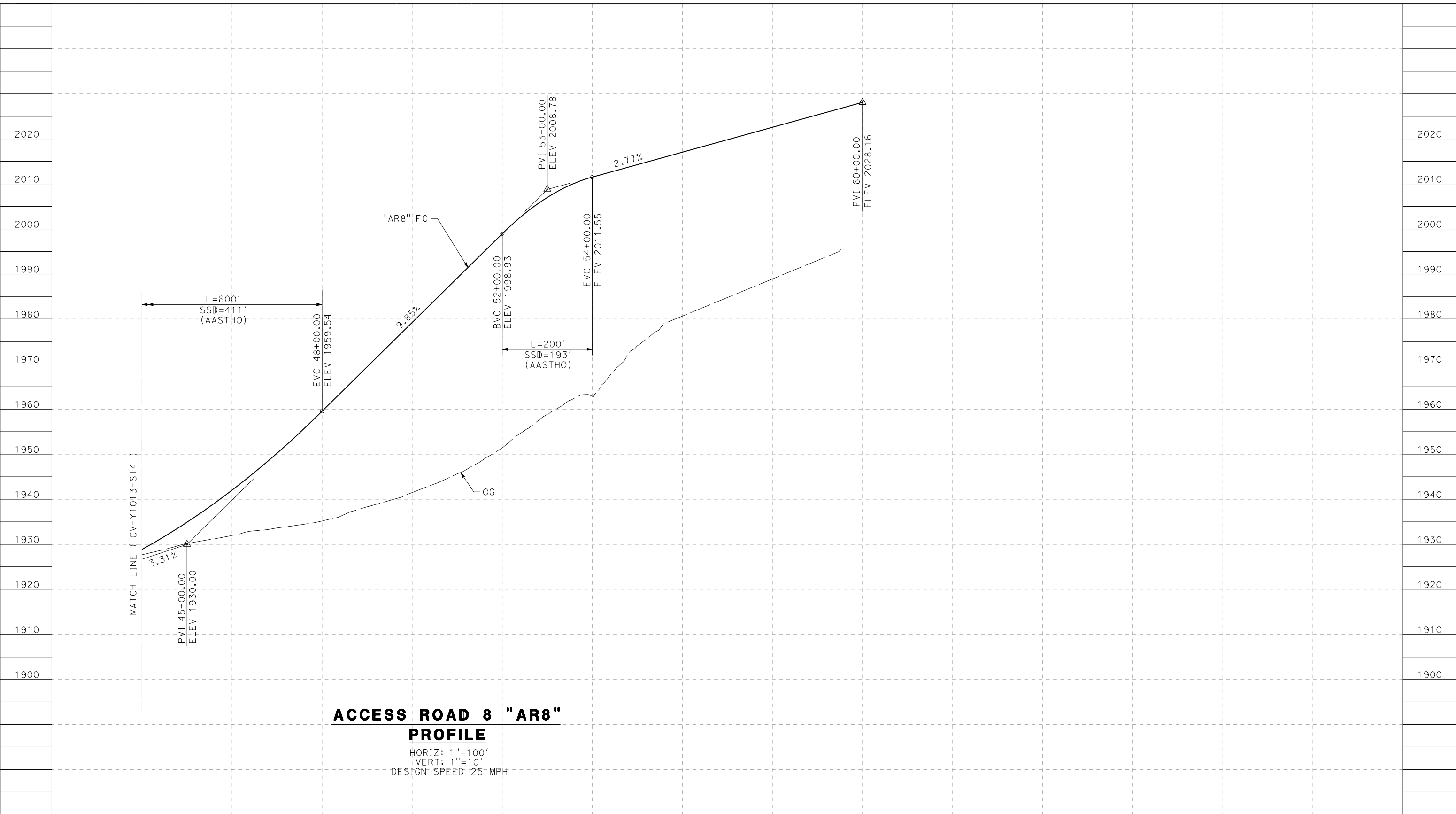
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PROFILE  
ACCESS ROAD 8  
SHEET 2 OF 3

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

REV	DATE	BY	CHK	APP	DESCRIPTION

5/23/2021 8:54:15 PM c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-Y1014-S14.dgn

cordo



**ACCESS ROAD 8 "AR8"  
PROFILE**

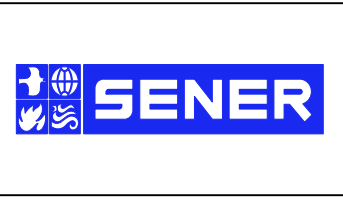
HORIZ: 1"=100'  
VERT: 1"=10'  
DESIGN SPEED 25 MPH

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

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



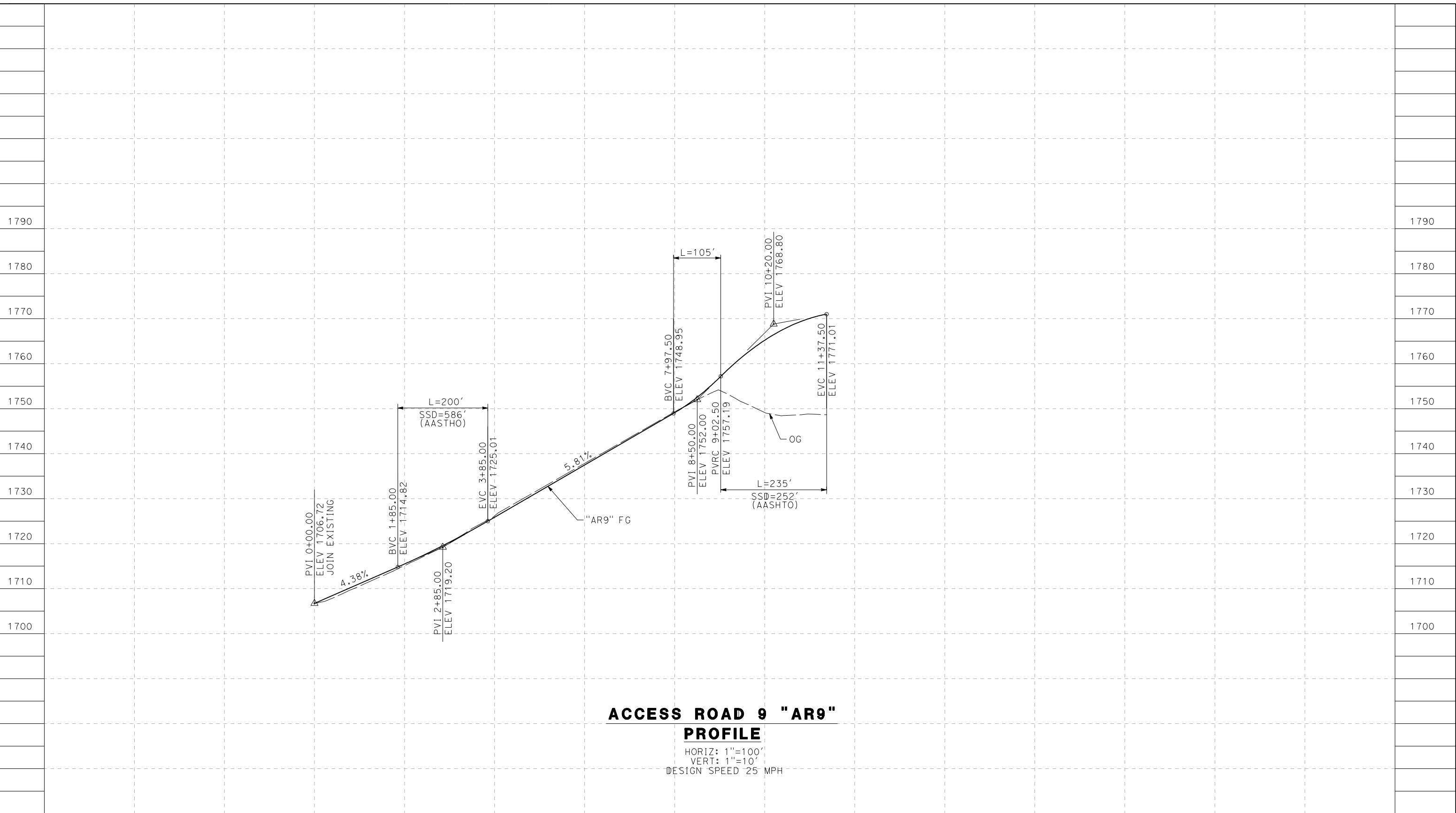
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
ACCESS ROAD PROFILE  
ACCESS ROAD 8  
SHEET 3 OF 3

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

c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y1015-S14.dgn

5/23/2021 8:56:06 PM

cordo



**ACCESS ROAD 9 "AR9"  
PROFILE**

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

STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	TOTAL
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 9

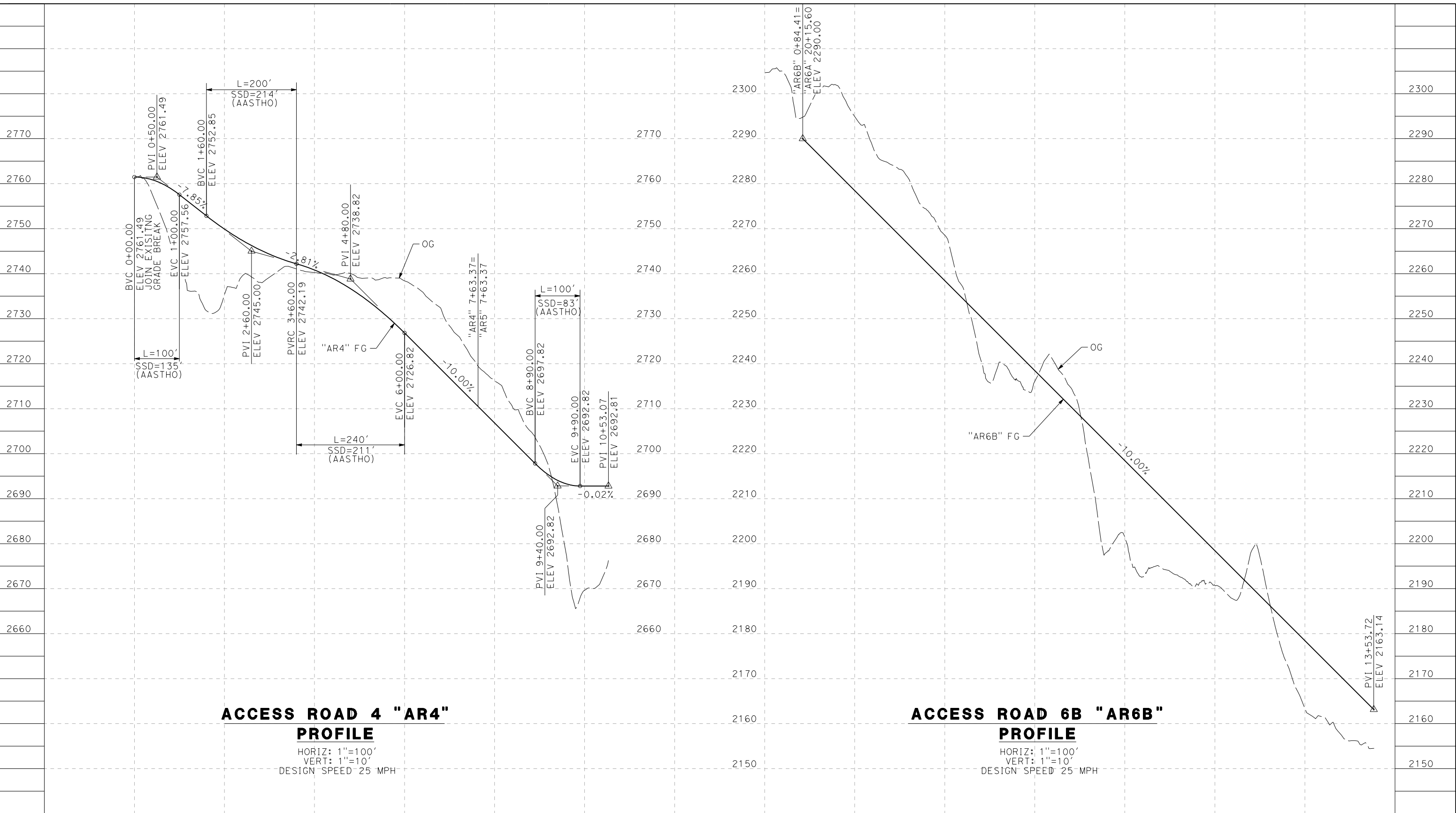
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-Y1015-S14  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-Y1016-S14.dgn

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**



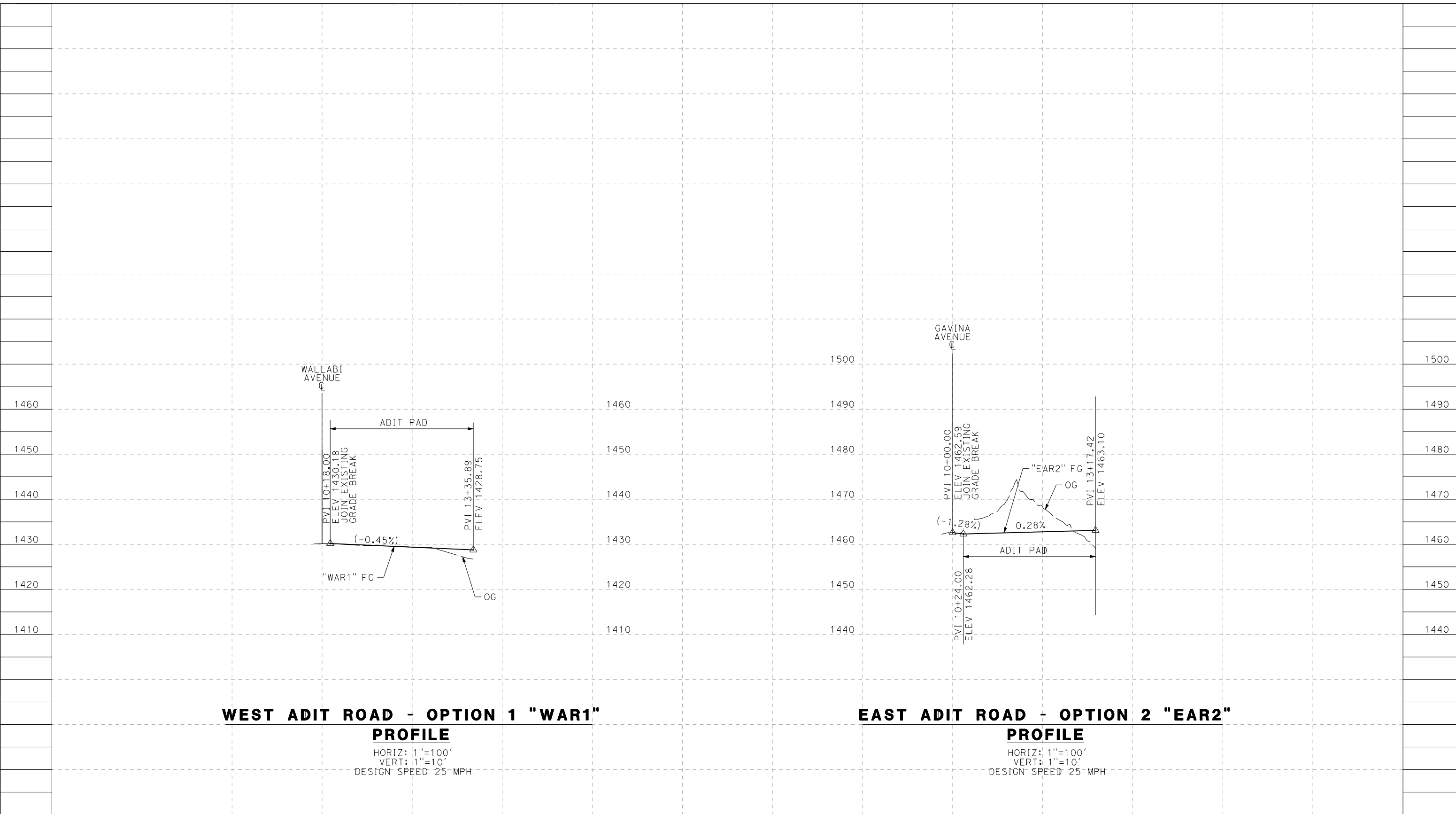
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 ACCESS ROAD PROFILE  
 ACCESS ROAD 4 & ACCESS ROAD 6B

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

REV	DATE	BY	CHK	APP	DESCRIPTION

5/23/2021 8:59:52 PM c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258VPB-CV-Y1017-S14.dgn

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

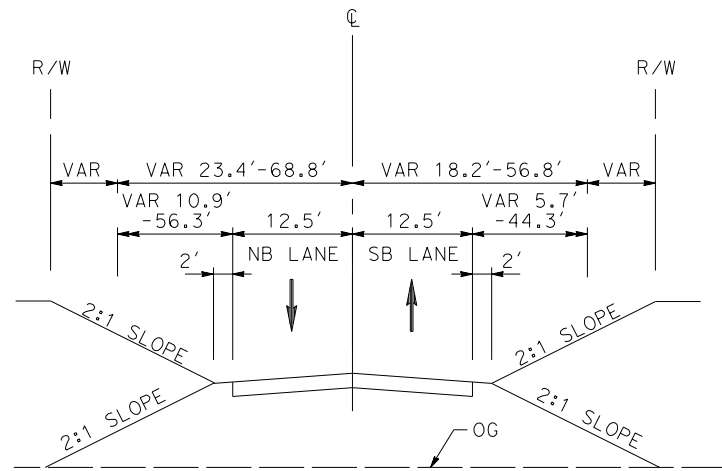
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-Y1017-S14  
 SCALE  
AS SHOWN  
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

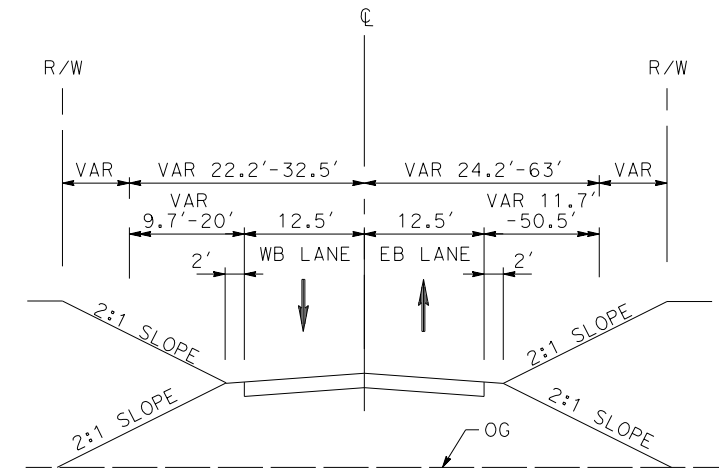
c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y3001-S14.dgn

5/21/2021 2:01:26 AM

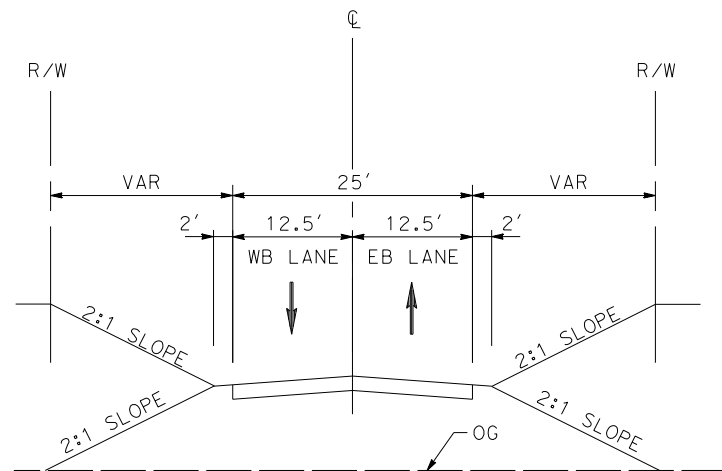
cordo



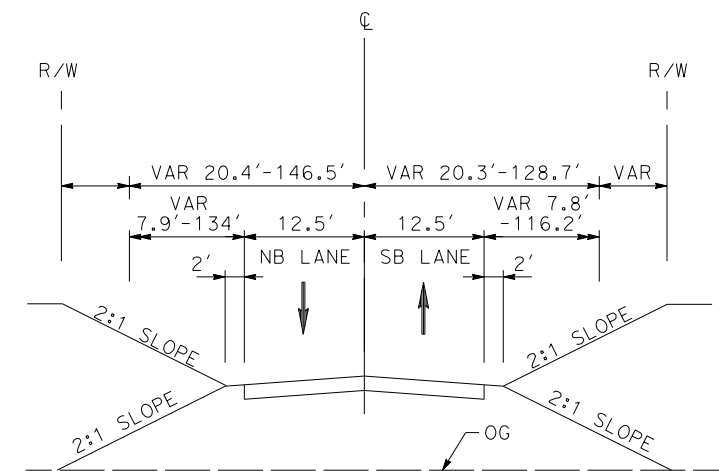
**ACCESS ROAD 2**  
STA 0+00 TO STA 10+04.01



**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

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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



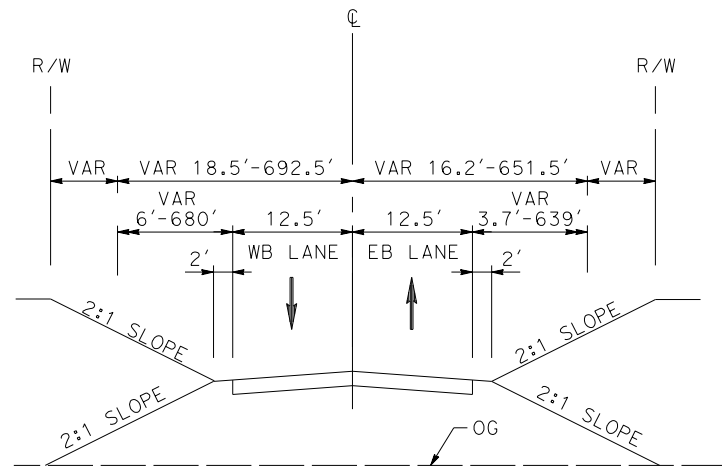
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
TYPICAL SECTIONS  
ACCESS ROAD 1, 2, 3A AND 3B

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

c:\pwworkingdir\sener-us-pw.bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y3002-S14.dgn

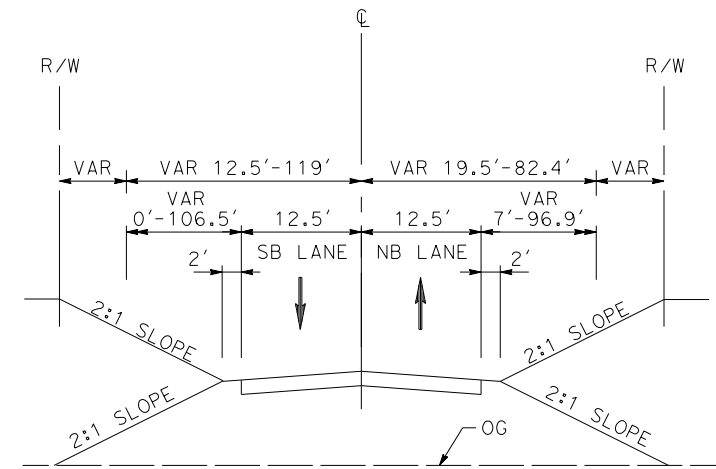
5/21/2021 2:03:31 AM

cordo



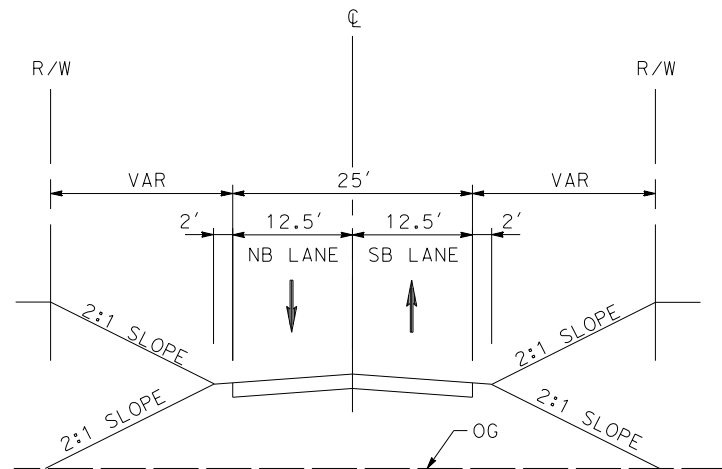
**ACCESS ROAD 5**

STA 0+00 TO STA 98+40.04



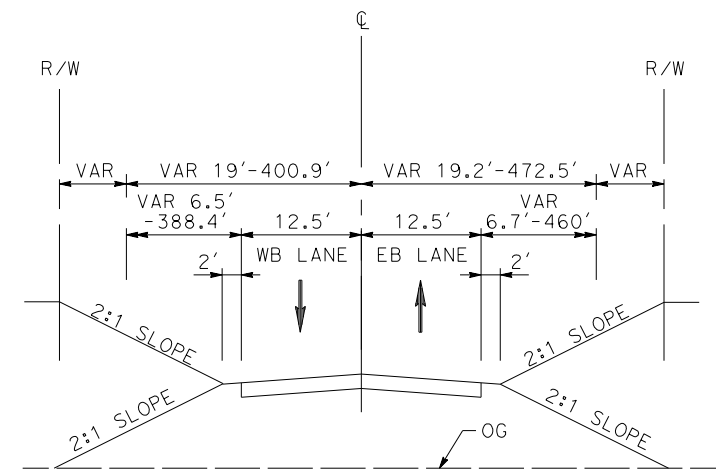
**ACCESS ROAD 6B**

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

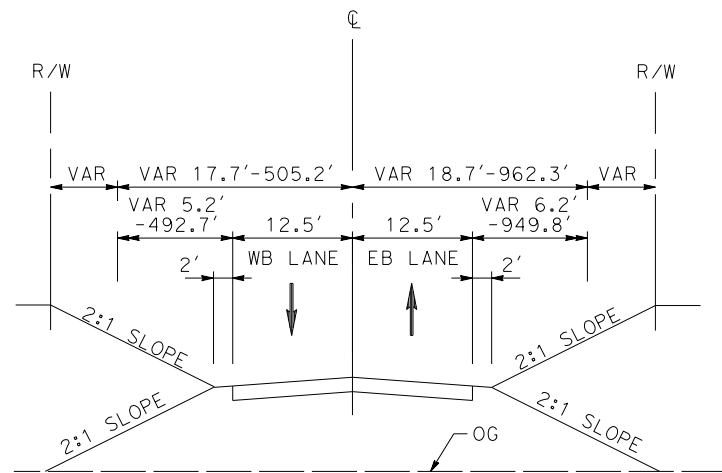
**PEPD RECORD SET  
REV 02  
  
NOT FOR  
CONSTRUCTION**



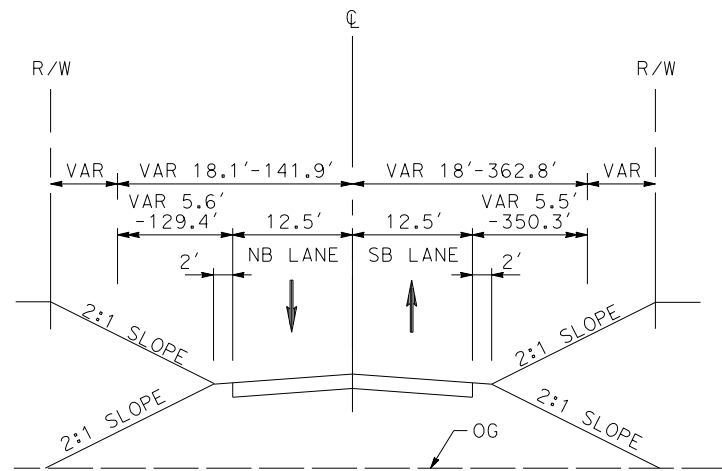
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
TYPICAL SECTIONS  
ACCESS ROAD 4, 5, 6A AND 6B

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

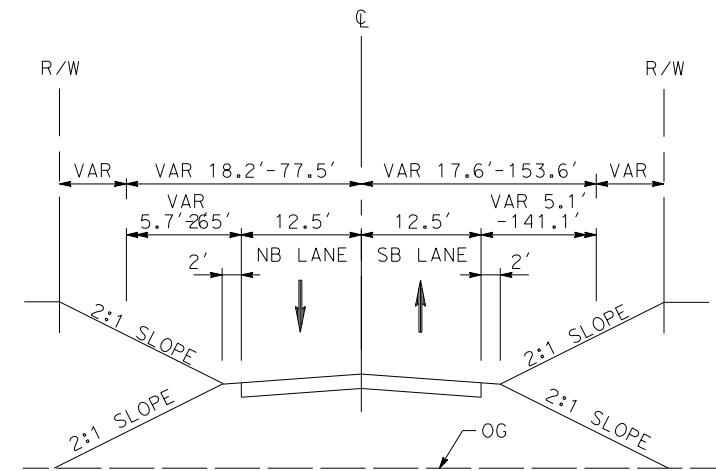




**ACCESS ROAD 8**  
STA 0+00 TO STA 55+61.62



**ACCESS ROAD 7**  
STA 0+00 TO STA 16+79.77



**ACCESS ROAD 9**  
STA 0+00 TO STA 11+37.50

c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms24258\VPB-CV-Y3003-S14.dgn

5/21/2021 2:06:04 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**



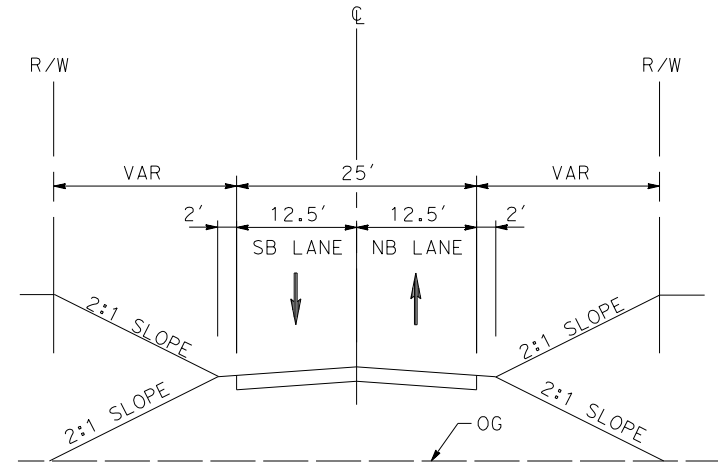
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
TYPICAL SECTIONS  
ACCESS ROAD 7, 8 AND 9

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

ct:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalia.cordoba\dms24258\VPB-CV-Y3004-S14.dgn

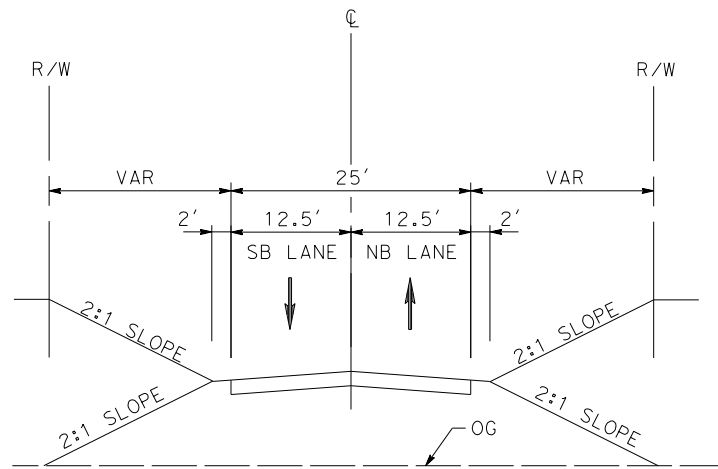
5/26/2021 2:47:36 PM

cordo



**EAST ADIT ROAD**

STA 10+00.00 TO STA 13+17.42



**WEST ADIT ROAD**

STA 10+18.00 TO STA 13+35.89

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
J.C. ALAMILLA  
DRAWN BY  
A. SANZ  
CHECKED BY  
W. GUO  
IN 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 ADIT ROAD AND WEST ADIT ROAD

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