

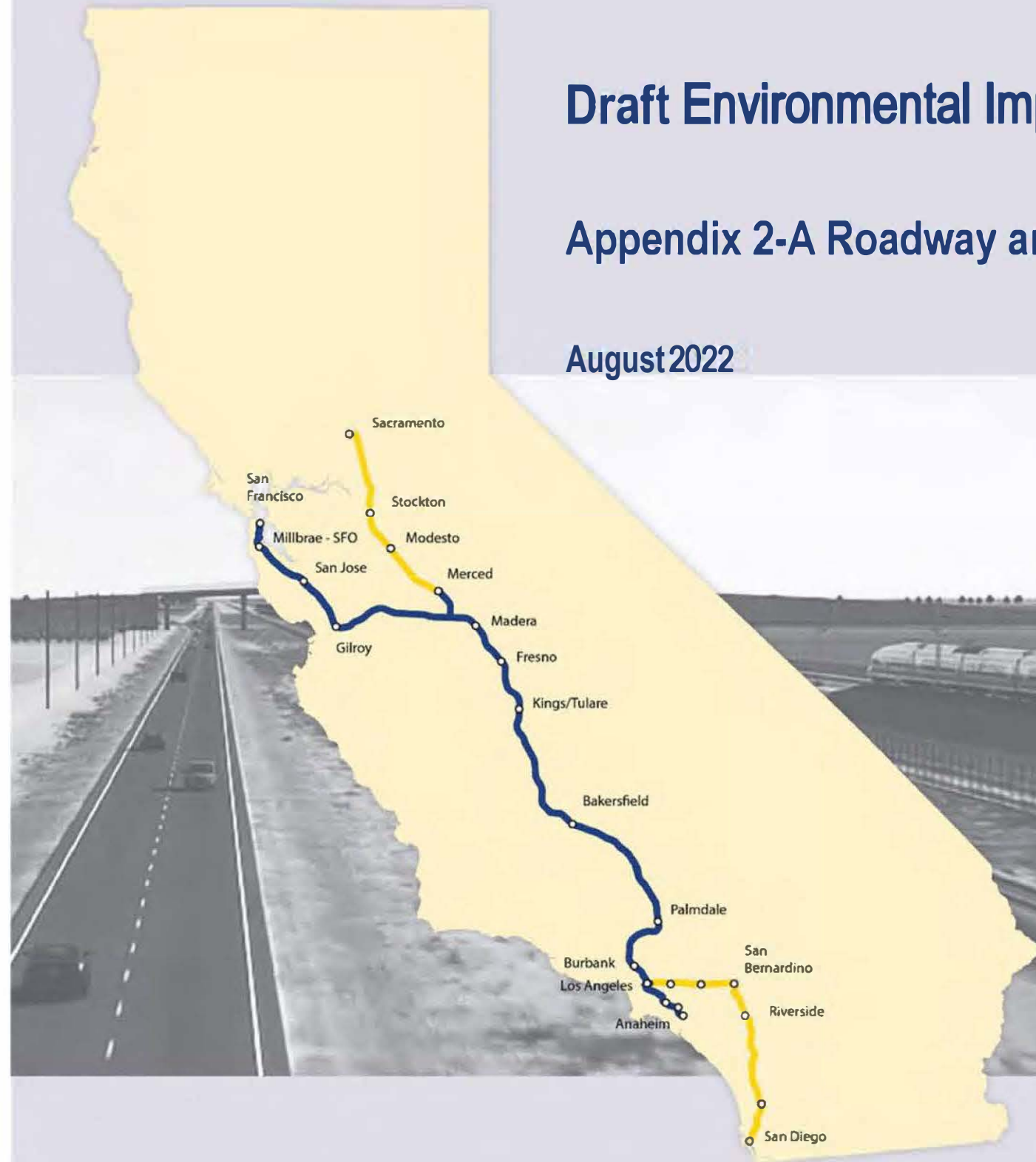
California High-Speed Rail Authority

Palmdale to Burbank Project Section

Draft Environmental Impact Report/Environmental Impact Statement

Appendix 2-A Roadway and Grade Separation

August 2022



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

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ROADWAY/GRADE SEPARATION/ACCESS ROADS SHEETS

GENERAL

DRAWING NO.	DRAWING DESCRIPTION
CV-B0001	ROADWAYS AND GRADE SEPARATIONS - INDEX OF DRAWINGS
CV-B0002	ROADWAYS AND GRADE SEPARATIONS - ABBREVIATIONS
CV-B0003	ROADWAYS AND GRADE SEPARATIONS - ABBREVIATIONS AND LEGEND

SR14A

DRAWING NO.	DRAWING DESCRIPTION
	KEY MAP
CV-B0001-14A	ROADWAYS AND GRADE SEPARATIONS - KEY MAP (1/2)
CV-B0002-14A	ROADWAYS AND GRADE SEPARATIONS - KEY MAP (2/2)
	ROADWAY PLANS, PROFILES AND TYPICAL SECTIONS
CV-R4001-14A	ROADWAY PLAN - EAST 10TH STREET & EAST AVENUE R11
CV-R4002-14A	ROADWAY PLAN - WATER TREATMENT PLANT ACCESS ROADS, DELAWARE RD & VALLEY FORGE RD
	ROADWAY PROFILES
CV-R1001-14A	ROADWAY PROFILE - EAST 10TH STREET
CV-R1002-14A	ROADWAY PROFILE - EAST AVENUE R11
CV-R1003-14A	ROADWAY PROFILE - SERVICE ROAD AVENUE S & VALLEY FORGE RD
CV-R1004-14A	ROADWAY PROFILE - WATER TREATMENT PLANT ACCESS ROADS & DELAWARE RD
	ROADWAY TYPICAL SECTIONS
CV-R3001-14A	ROADWAY TYPICAL SECTIONS - EAST 10TH STREET (1/2)
CV-R3002-14A	ROADWAY TYPICAL SECTIONS - EAST 10TH STREET (2/2) & EAST AVE R11
CV-R3003-14A	ROADWAY TYPICAL SECTIONS - WATER TREATMENT PLANT ACCESS ROADS, DELAWARE RD & VALLEY FORGE RD
	GRADE SEPARATION PLANS, PROFILES AND TYPICAL SECTIONS
CV-T4001-14A	GRADE SEPARATION PLAN - AVENUE S (1/2)
CV-T4002-14A	GRADE SEPARATION PLAN - AVENUE S (2/2)
CV-T4003-14A	GRADE SEPARATION PLAN - SIERRA HIGHWAY (1/2)
CV-T4004-14A	GRADE SEPARATION PLAN - SIERRA HIGHWAY (2/2)
CV-T1001-14A	GRADE SEPARATION PROFILE - AVENUE S (1/2)
CV-T1002-14A	GRADE SEPARATION PROFILE - AVENUE S (2/2)
CV-T1003-14A	GRADE SEPARATION PROFILE - SIERRA HIGHWAY (1/2)
CV-T1004-14A	GRADE SEPARATION PROFILE - SIERRA HIGHWAY (2/2)
	ROADWAY TYPICAL SECTIONS - SIERRA HIGHWAY
CV-T3001-14A	ROADWAY TYPICAL SECTIONS - SIERRA HIGHWAY
CV-T3002-14A	ROADWAY TYPICAL SECTIONS - AVENUE S (1/2)
CV-T3003-14A	ROADWAY TYPICAL SECTIONS - AVENUE S (2/2)
	ACCESS ROAD PLANS, PROFILES AND TYPICAL SECTIONS
CV-Y4001-14A	ACCESS ROAD PLAN - PORTAL 1
CV-Y4002-14A	ACCESS ROAD PLAN - INTERMEDIATE WINDOW
CV-Y4003-14A	ACCESS ROAD PLAN - PORTAL 2 (1/3)
CV-Y4004-14A	ACCESS ROAD PLAN - PORTAL 2 (2/3)
CV-Y4004A-14A	ACCESS ROAD PLAN - PORTAL 2 (3/3)
CV-Y4005-14A	ACCESS ROAD PLAN - PORTAL 3
CV-Y4006-14A	ACCESS ROAD PLAN - PORTAL 4 (1/3)
CV-Y4007-14A	ACCESS ROAD PLAN - PORTAL 4 (2/3)
CV-Y4008-14A	ACCESS ROAD PLAN - PORTAL 4 (3/3)
CV-Y4009-14A	ACCESS ROAD PLAN - PORTAL 9
	ACCESS ROAD PROFILES
CV-Y1001-14A	ACCESS ROAD PROFILE - PORTAL 1
CV-Y1002-14A	ACCESS ROAD PROFILE - INTERMEDIATE WINDOW
CV-Y1003-14A	ACCESS ROAD PROFILE - PORTAL 2 (1/3)
CV-Y1004-14A	ACCESS ROAD PROFILE - PORTAL 2 (2/3)
CV-Y1005-14A	ACCESS ROAD PROFILE - PORTAL 2 (3/3)
CV-Y1006-14A	ACCESS ROAD PROFILE - PORTAL 3
CV-Y1007-14A	ACCESS ROAD PROFILE - PORTAL 4 (1/3)
CV-Y1008-14A	ACCESS ROAD PROFILE - PORTAL 4 (2/3)
CV-Y1009-14A	ACCESS ROAD PROFILE - PORTAL 4 (3/3)
CV-Y1010-14A	ACCESS ROAD PROFILE - PORTAL 9
CV-Y3001-14A	ACCESS ROADS TYPICAL SECTIONS - PORTALS SR14A

E1A/E2A

DRAWING NO.	DRAWING DESCRIPTION
	KEY MAP
CV-B0001-EA	ROADWAYS AND GRADE SEPARATIONS - KEY MAP
	ROADWAY PLANS, PROFILES AND TYPICAL SECTIONS
CV-R4001-EA	ROADWAY PLAN - EAST 10TH STREET & EAST AVENUE R11
CV-R4002-EA	ROADWAY PLAN - WATER TREATMENT PLANT ACCESS ROADS, DELAWARE RD & VALLEY FORGE RD
	ROADWAY PROFILES
CV-R1001-EA	ROADWAY PROFILE - EAST 10TH STREET
CV-R1002-EA	ROADWAY PROFILE - EAST AVENUE R11
CV-R1003-EA	ROADWAY PROFILE - SERVICE ROAD AVENUE S & VALLEY FORGE RD
CV-R1004-EA	ROADWAY PROFILE - WATER TREATMENT PLANT ACCESS ROADS & DELAWARE RD
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CV-R3001-EA	ROADWAY TYPICAL SECTIONS - EAST 10TH STREET (1/2)
CV-R3002-EA	ROADWAY TYPICAL SECTIONS - EAST 10TH STREET (2/2) & EAST AVE R11
CV-R3003-EA	ROADWAY TYPICAL SECTIONS - WATER TREATMENT PLANT ACCESS ROADS, DELAWARE RD & VALLEY FORGE RD
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CV-T4002-EA	GRADE SEPARATION PLAN - AVENUE S (2/2)
CV-T4003-EA	GRADE SEPARATION PLAN - SIERRA HIGHWAY (1/2)
CV-T4004-EA	GRADE SEPARATION PLAN - SIERRA HIGHWAY (2/2)
CV-T4005-EA	GRADE SEPARATION PLAN - FORESTON DRIVE (1/2)
CV-T4006-EA	GRADE SEPARATION PLAN - FORESTON DRIVE (2/2)
	GRADE SEPARATION PROFILES
CV-T1001-EA	GRADE SEPARATION PROFILE - AVENUE S (1/2)
CV-T1002-EA	GRADE SEPARATION PROFILE - AVENUE S (2/2)
CV-T1003-EA	GRADE SEPARATION PROFILE - SIERRA HIGHWAY (1/2)
CV-T1004-EA	GRADE SEPARATION PROFILE - SIERRA HIGHWAY (2/2)
CV-T1005-EA	GRADE SEPARATION PROFILE - FORESTON DRIVE (1/2)
CV-T1006-EA	GRADE SEPARATION PROFILE - FORESTON DRIVE (2/2)
	ROADWAY TYPICAL SECTIONS
CV-T3001-EA	ROADWAY TYPICAL SECTIONS - SIERRA HIGHWAY
CV-T3002-EA	ROADWAY TYPICAL SECTIONS - AVENUE S (1/2)
CV-T3003-EA	ROADWAY TYPICAL SECTIONS - AVENUE S (2/2)
CV-T3004-EA	ROADWAY TYPICAL SECTIONS - FORESTON DRIVE
	ACCESS ROAD PLANS, PROFILES AND TYPICAL SECTIONS
CV-Y4001-EA	ACCESS ROAD PLAN - PORTAL 1
CV-Y4002-EA	ACCESS ROAD PLAN - PORTAL 2
	ACCESS ROAD PROFILES
CV-Y1001-EA	ACCESS ROAD PROFILE - PORTAL 1
CV-Y1002-EA	ACCESS ROAD PROFILE - PORTAL 2 (2/1)
CV-Y1003-EA	ACCESS ROAD PROFILE - PORTAL 2 (2/2)
CV-Y3001-EA	ACCESS ROADS TYPICAL SECTIONS - PORTALS E1A/E2A

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REV	DATE	BY	DWR	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "SR14A/E1A/E2A"
ROADWAYS AND GRADE SEPARATIONS
INDEX OF DRAWINGS

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

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A

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

B

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

C

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

C CONTINUED

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

D

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

E

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

F

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

F CONTINUED

FTG FOOTING
 FWBT FACING WESTBOUND TRAFFIC
 FWY FREEWAY

G

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

H

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

I

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

J

JCT JUNCTION
 JPCP JOINTED PLAIN CONCRETE PAVEMENT
 JT JOINT

K

K DISTANCE TO ACHIEVE 1% GRADE CHANGE

L

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

M

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

M CONTINUED

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

N

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

O

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

P

P PAGE
 PB PULL BOX
 P-B PALMDALE TO BURBANK
 PC POINT OF CURVATURE, PRECAST
 PCC POINT OF COMPOUND CURVE, PORTLAND CEMENT CONCRETE PERFORATED CONCRETE PIPE, PRESTRESSED CONCRETE PIPE
 PCVC POINT OF COMPOUND VERTICAL CURVE
 PED PEDESTRIAN
 PED OC PEDESTRIAN OVERCROSSING
 PED UC PEDESTRIAN UNDERCROSSING
 PG PROFILE GRADE
 PI POINT OF INTERSECTION
 PJP PARTIAL JOINT PENETRATION
 P,PL PLATE
 P/L PROPERTY LINE
 PM POST MILE, TIME FROM NOON TO MIDNIGHT
 PN PAVING NOTCH
 POB POINT OF BEGINNING
 POC POINT OF HORIZONTAL CURVE
 POE POINT OF ENDING
 POT POINT OF TANGENT
 POVC POINT OF VERTICAL CURVE
 PP PIPE PILE, PLASTIC PIPE, POWER POLE
 PPEF PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT
 PRC POINT OF REVERSE CURVE
 PROP PROPOSED
 PRF POINT OF VERTICAL CURVE
 PRVC PAVEMENT REINFORCING FABRIC
 PS&E POINT OF REVERSE VERTICAL CURVE
 PS,P/S PLANS, SPECIFICATIONS AND ESTIMATES
 PSP PRESTRESSED, PARALLEL STATION
 PT POINT OF TANGENCY
 PVI POINT OF VERTICAL INTERSECTION

P CONTINUED

PVMT PAVEMENT
 PVP MAINTENANCE VEHICLE PULLOUT
 PVMT PAVEMENT
 PVP MAINTENANCE VEHICLE PULLOUT

Q

QTY QUANTITY

R

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

S

S SOUTH, SUPPLEMENT
 SAE STRUCTURE APPROACH EMBANKMENT
 SALV SALVAGE
 SB SOUTHBOUND
 SC SPIRAL TO CURVE
 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
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

PEPD RECORD SET
 ADDENDUM
 SR14A/E1A/E2A
 NOT FOR
 CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "SR14A/E1A/E2A"
 ROADWAYS AND GRADE SEPARATIONS
 ABBREVIATIONS

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

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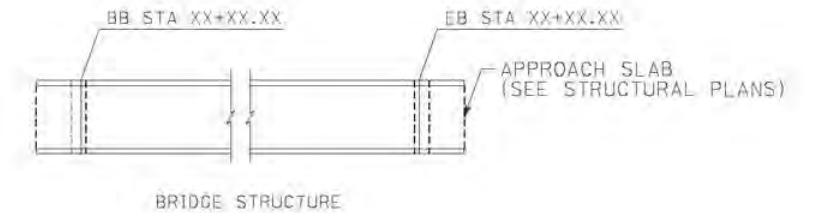
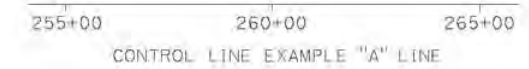
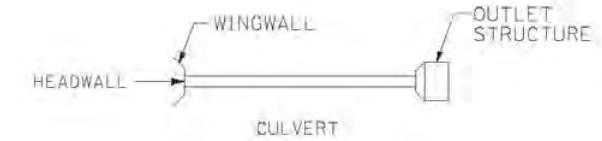
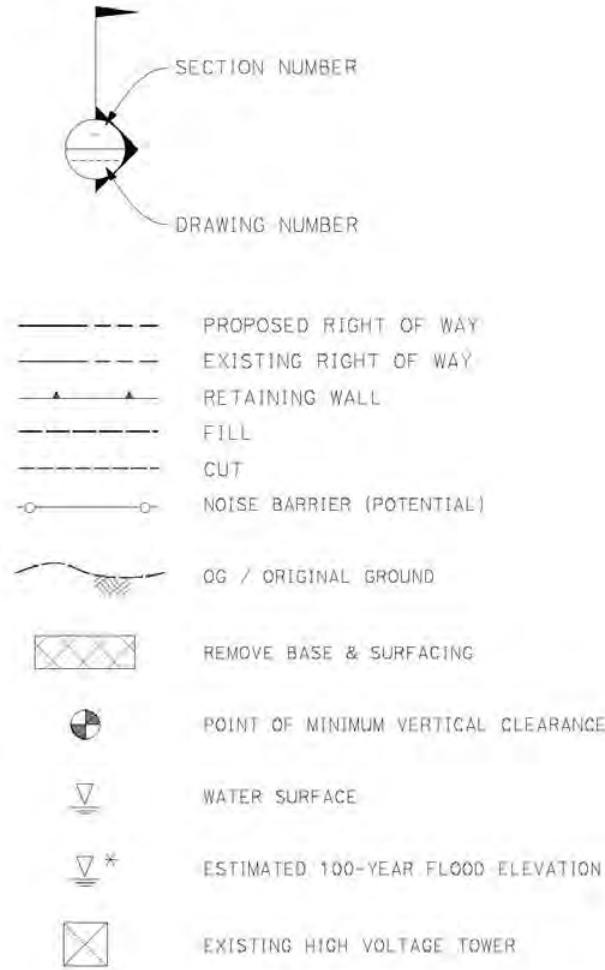
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SYM	SYMMETRICAL	YR	YEAR
	<u>T</u>	YRS	YEARS
T	TANGENT		
TAN	TANGENT		
TBB	THREE BEAM BARRIER		
TC	TOP OF CURB, TANGENT TO CURVE		
TCE	TEMPORARY CONSTRUCTION ENTRANCE		
TEL	TELEPHONE		
TEMP	TEMPORARY		
TG	TOP OF GRADE		
TM	TECHNICAL MEMORANDUM		
TOT	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		
WWLQL	WINGWALL LAYOUT LINE		
W/	WITH		
	<u>X</u>		
X SEC	CROSS SECTION		
XING	CROSSING		

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 REFER TO BAKERSFIELD-PALMDALE ENVIRONMENTAL DOCUMENT. DESIGN FEATURES BETWEEN STA 265+00.00 AND STA 296+82.67 (SPRUCE CT) SHOWN FOR REFERENCE ONLY.

LEGEND



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA

DRAWN BY
A. CAMACHO

CHECKED BY
R. RODRIGUEZ

IN CHARGE
A. RELAÑO

DATE
02/26/2021

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CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A/E1A/E2A"
ROADWAYS AND GRADE SEPARATIONS
ABBREVIATIONS AND LEGEND

CONTRACT NO.
HSR14-42

DRAWING NO.
CV-B0003

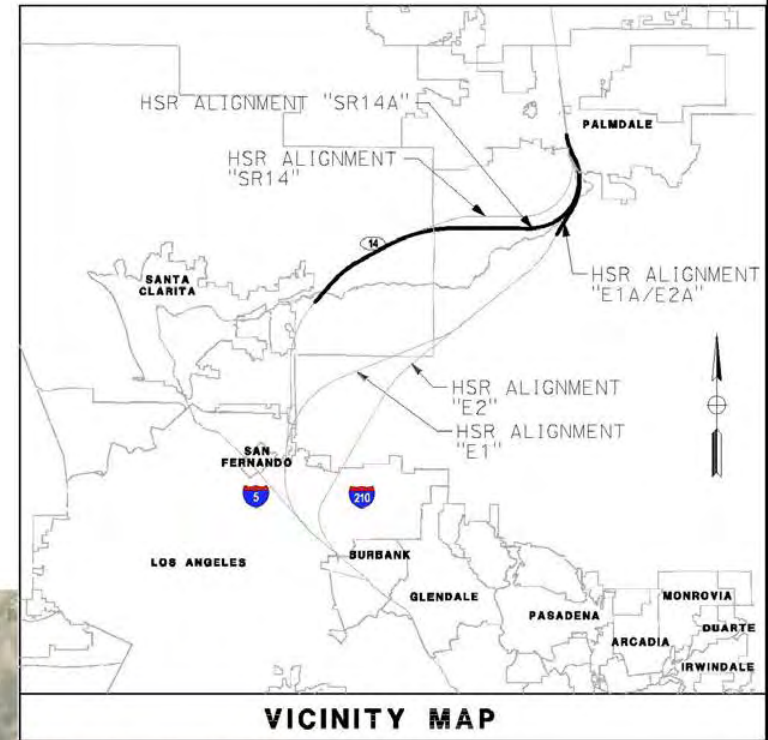
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SHEET NO.

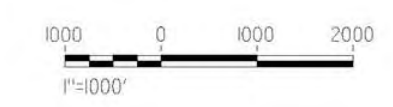
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LEGEND:
 [Solid Line] ROADWAY PLAN AND ACCESS ROAD PLAN
 [Dashed Line] GRADE SEPARATION PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
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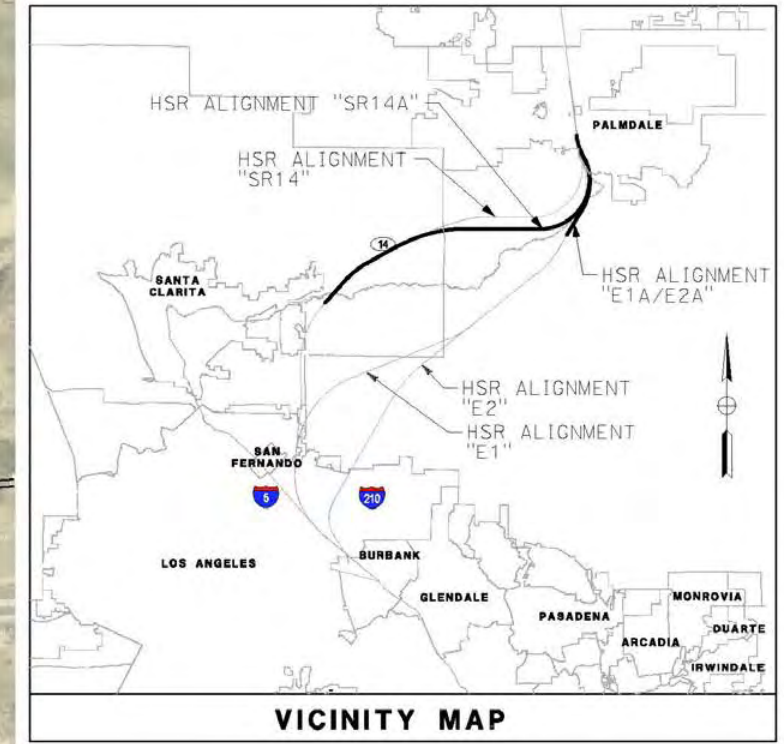
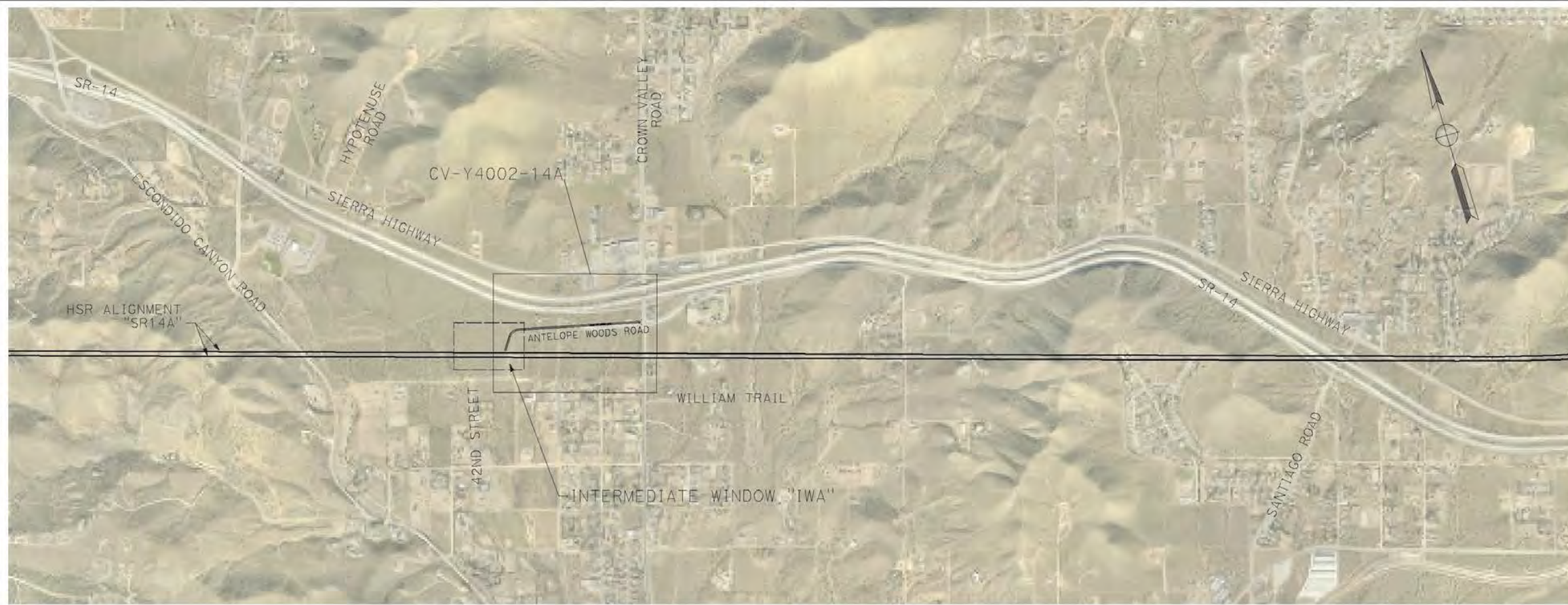
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "SR14A"
 ROADWAYS AND GRADE SEPARATIONS
 KEY MAP (1/2)

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-B0001-14A
 SCALE
AS SHOWN
 SHEET NO.

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CHECKED BY
R. RODRIGUEZ
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

ALIGNMENT "SR14A"

ROADWAYS AND GRADE SEPARATIONS
KEY MAP (2/2)

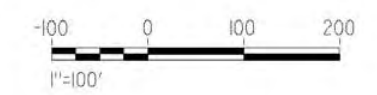
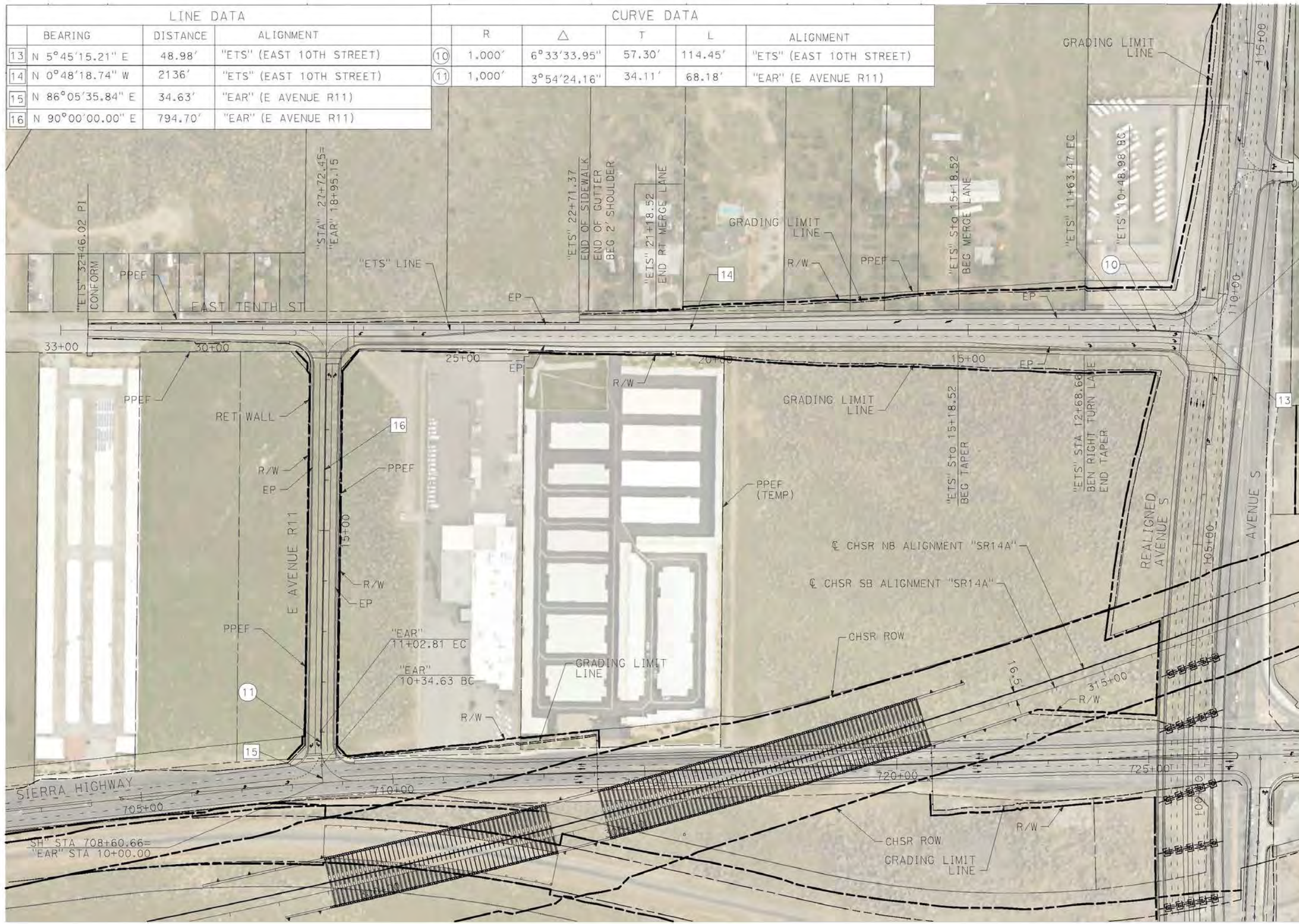
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-B0002-14A
SCALE
AS SHOWN
SHEET NO.

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3/4/2021 3:50:35 PM

cordo

LINE DATA			CURVE DATA						
	BEARING	DISTANCE	ALIGNMENT	R	Δ	T	L	ALIGNMENT	
13	N 5°45'15.21" E	48.98'	"ETS" (EAST 10TH STREET)	⑩	1,000'	6°33'33.95"	57.30'	114.45'	"ETS" (EAST 10TH STREET)
14	N 0°48'18.74" W	2136'	"ETS" (EAST 10TH STREET)	⑪	1,000'	3°54'24.16"	34.11'	68.18'	"EAR" (E AVENUE R11)
15	N 86°05'35.84" E	34.63'	"EAR" (E AVENUE R11)						
16	N 90°00'00.00" E	794.70'	"EAR" (E AVENUE R11)						



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



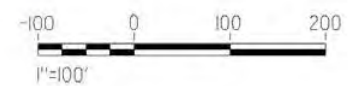
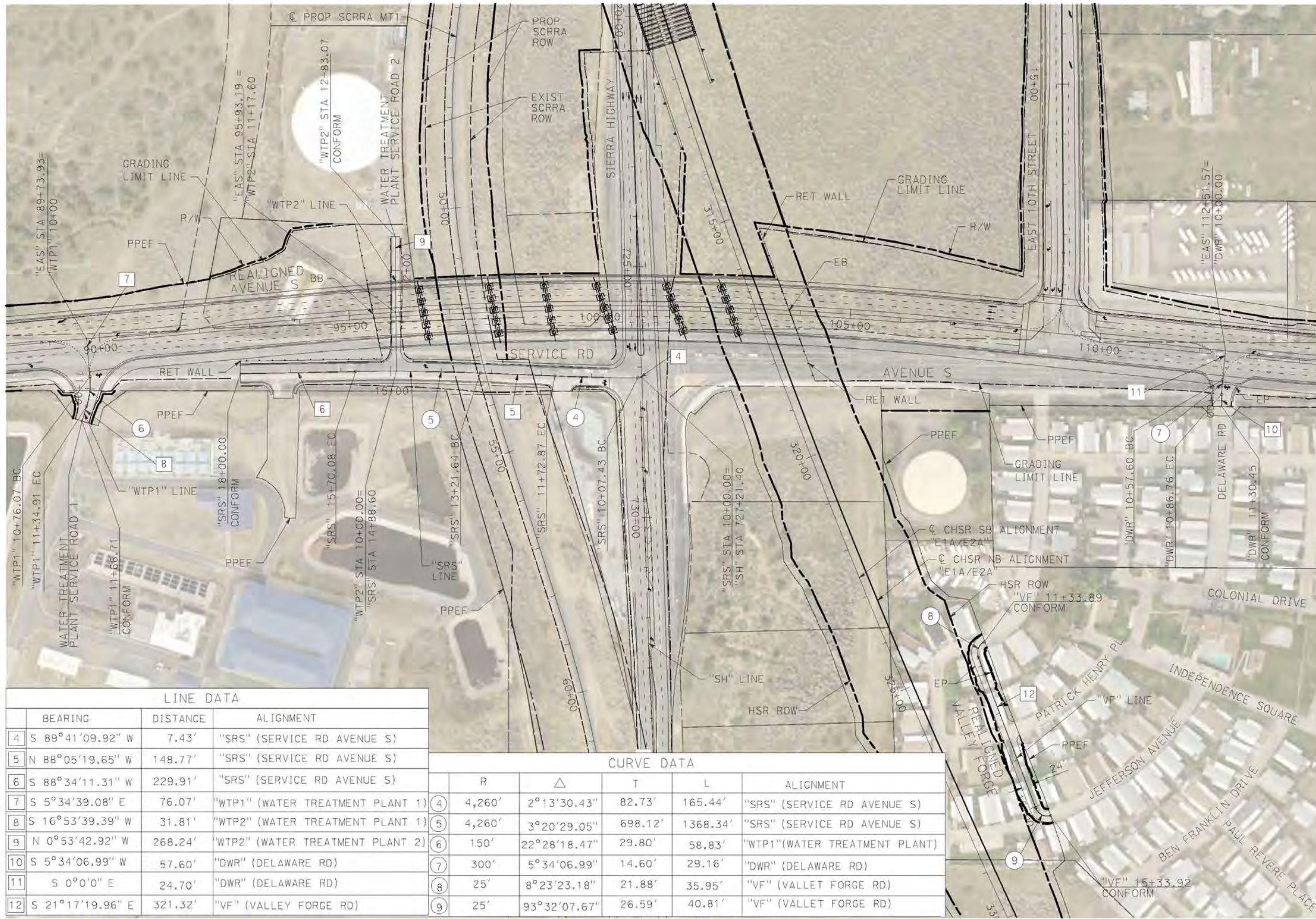
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "SR14A"
ROADWAY PLAN
EAST 10TH STREET & EAST AVENUE R11

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4001-14A
SCALE
AS SHOWN
SHEET NO.

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3/4/2021 3:52:38 PM

cordo



LINE DATA			
	BEARING	DISTANCE	ALIGNMENT
4	S 89°41'09.92" W	7.43'	"SRS" (SERVICE RD AVENUE S)
5	N 88°05'19.65" W	148.77'	"SRS" (SERVICE RD AVENUE S)
6	S 88°34'11.31" W	229.91'	"SRS" (SERVICE RD AVENUE S)
7	S 5°34'39.08" E	76.07'	"WTP1" (WATER TREATMENT PLANT 1)
8	S 16°53'39.39" W	31.81'	"WTP2" (WATER TREATMENT PLANT 1)
9	N 0°53'42.92" W	268.24'	"WTP2" (WATER TREATMENT PLANT 2)
10	S 5°34'06.99" W	57.60'	"DWR" (DELAWARE RD)
11	S 0°0'0" E	24.70'	"DWR" (DELAWARE RD)
12	S 21°17'19.96" E	321.32'	"VF" (VALLEY FORGE RD)

CURVE DATA					
	R	Δ	T	L	ALIGNMENT
4	4,260'	2°13'30.43"	82.73'	165.44'	"SRS" (SERVICE RD AVENUE S)
5	4,260'	3°20'29.05"	698.12'	1368.34'	"SRS" (SERVICE RD AVENUE S)
6	150'	22°28'18.47"	29.80'	58.83'	"WTP1" (WATER TREATMENT PLANT)
7	300'	5°34'06.99"	14.60'	29.16'	"DWR" (DELAWARE RD)
8	25'	8°23'23.18"	21.88'	35.95'	"VF" (VALLET FORGE RD)
9	25'	93°32'07.67"	26.59'	40.81'	"VF" (VALLET FORGE RD)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

NOT FOR
CONSTRUCTION

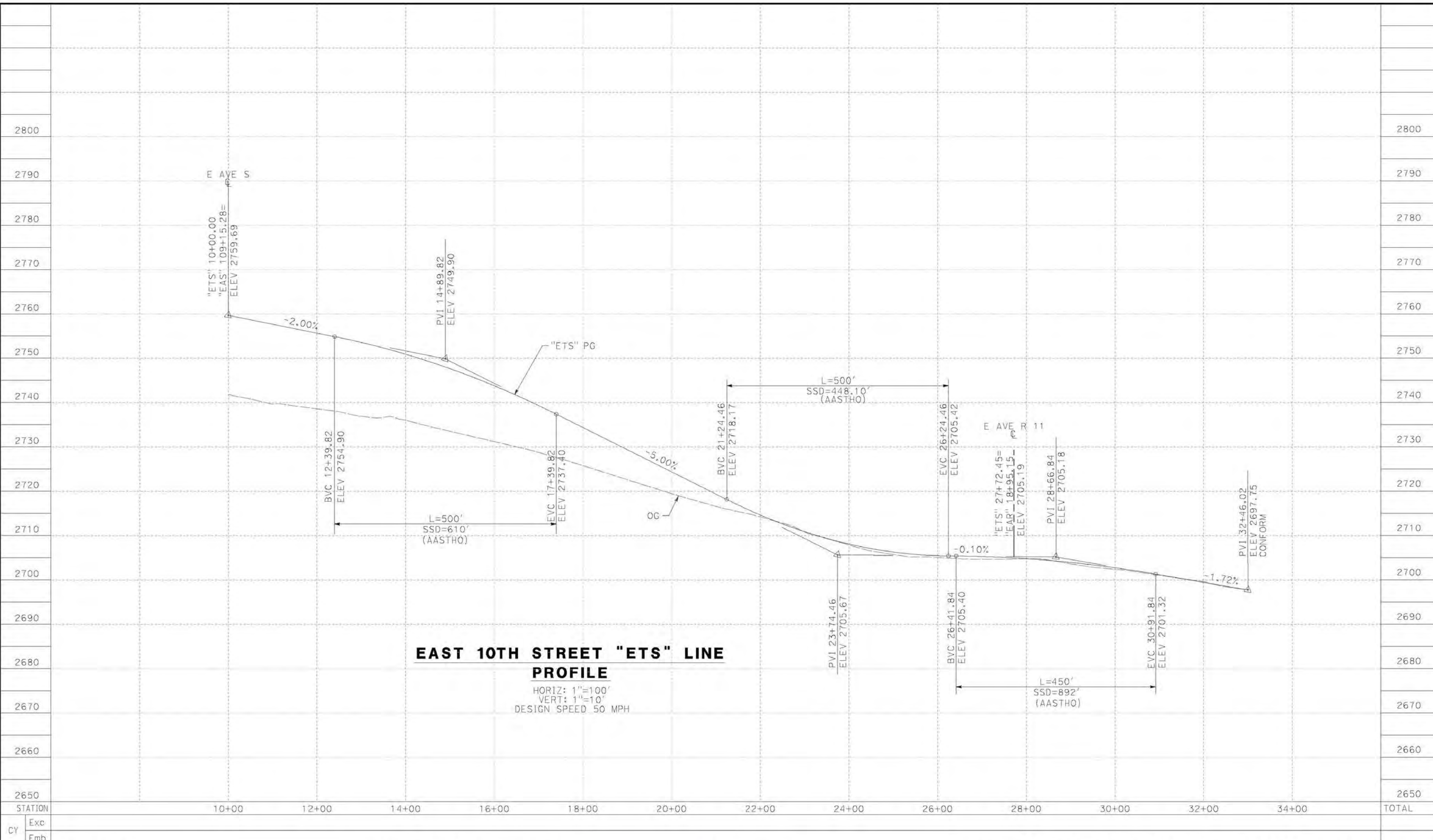


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
ROADWAY PLAN
WATER TREATMENT PLANT ACCESS ROADS, DELAWARE RD & VALLEY FORGE RD

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4002-14A
SCALE
AS SHOWN
SHEET NO.

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12/28/2020 3:02:14 PM cdo



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

**PEPD RECORD SET
 ADDENDUM
 SR14A/E1A/E2A**
**NOT FOR
 CONSTRUCTION**

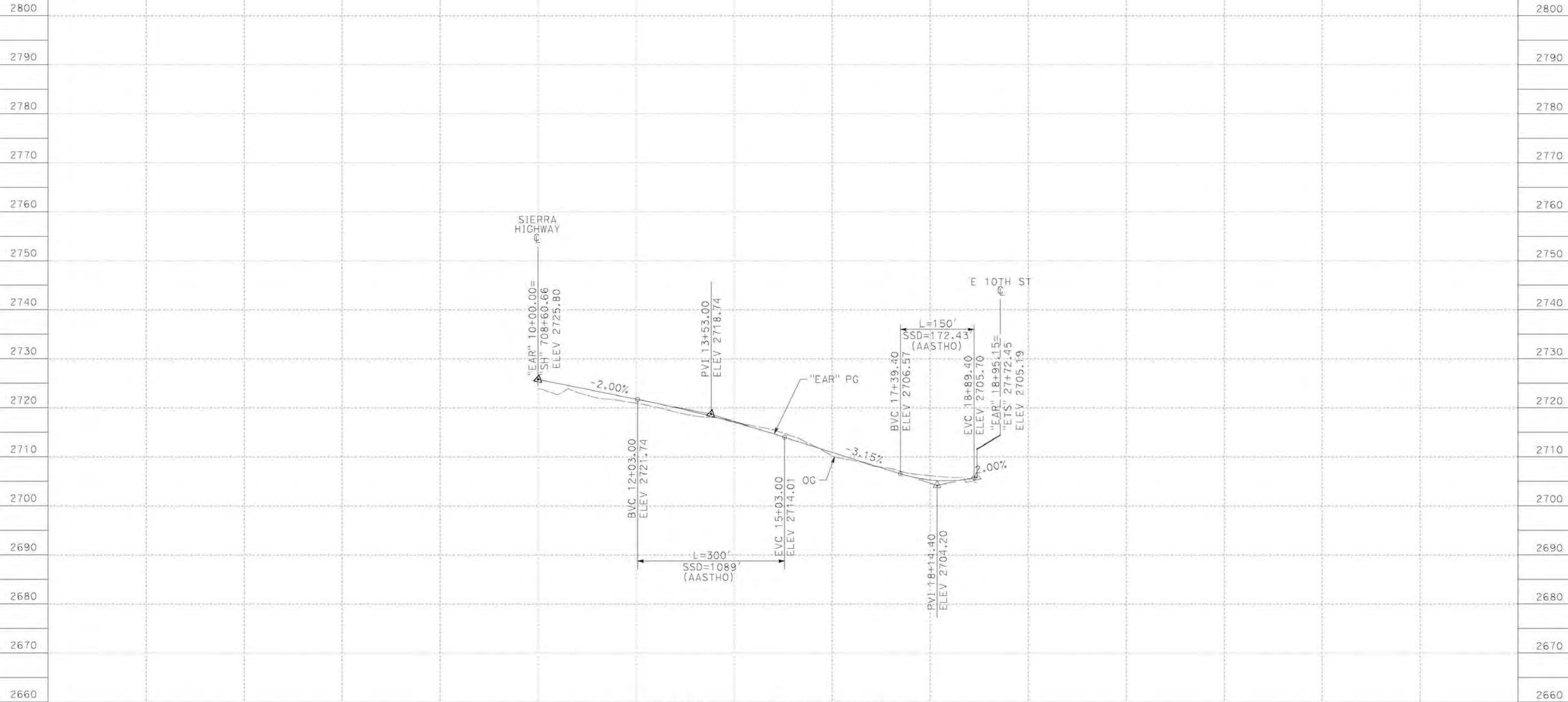


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "SR14A"
 ROADWAY PROFILE
 EAST 10TH STREET

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1001-14A
 SCALE
AS SHOWN
 SHEET NO.

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cordo



E AVENUE R11 "EAR" LINE PROFILE

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

STATION		10+00	12+00	14+00	16+00	18+00	20+00	23+00	TOTAL
CY	Exc								
	Emb								

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

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

**NOT FOR
 CONSTRUCTION**



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

ALIGNMENT "SR14A"
 ROADWAY PROFILE
 E AVENUE R11

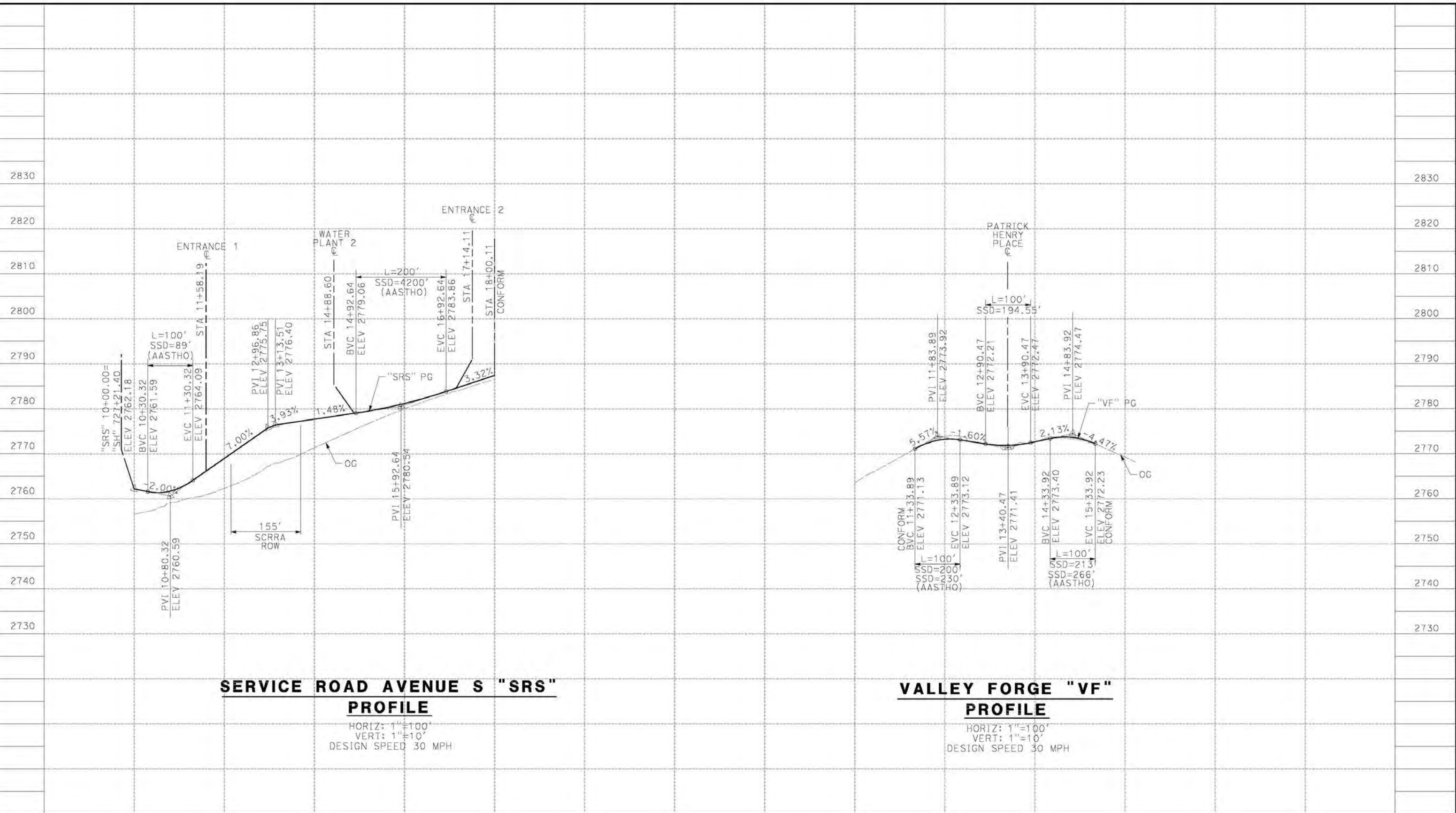
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1002-14A
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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1/8/2021 8:40:29 AM

cordo



SERVICE ROAD AVENUE S "SRS" PROFILE

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

VALLEY FORGE "VF" PROFILE

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

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

DESIGNED BY
D.CORDOBA
 DRAWN BY
A.CAMACHO
 CHECKED BY
R.RODRIGUEZ
 IN CHARGE
A.RELANO
 DATE
02/26/2021

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

**NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "SR14A"
 ROADWAY PROFILE
 SERVICE ROAD AVENUE S & VALLEY FORGE ROAD

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1003-14A
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

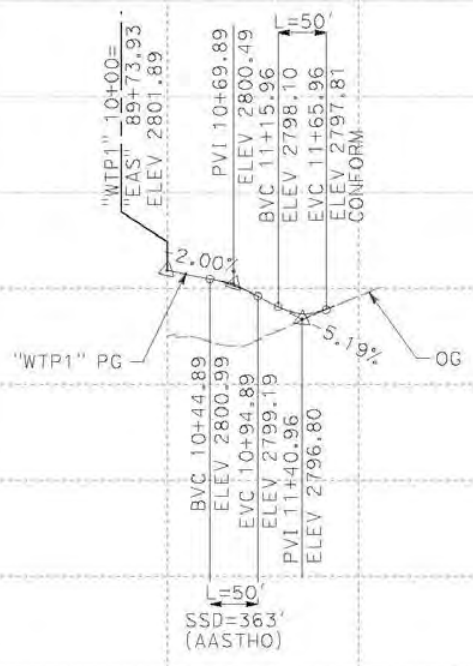
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12/28/2020 8:25:29 PM cordo

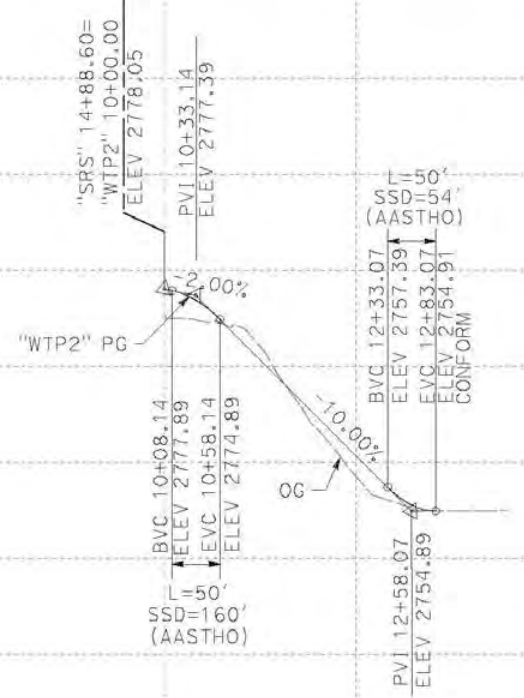
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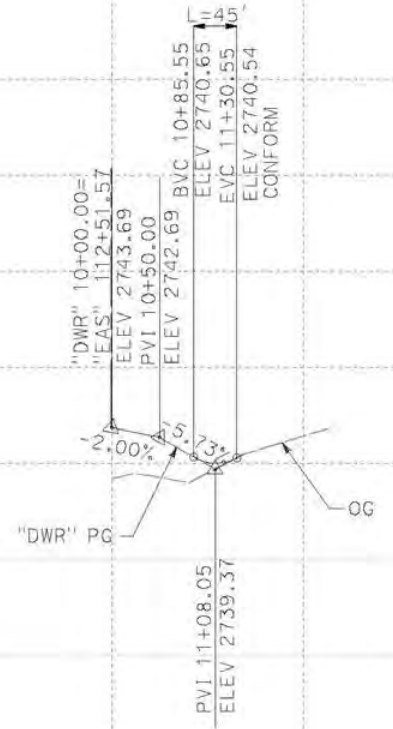
**WATER TREATMENT PLANT
ACCESS ROAD 1 "WTP1"
PROFILE**
HORIZ: 1"=100'
VERT: 1"=10'



**WATER TREATMENT PLANT
ACCESS ROAD 2 "WTP2"
PROFILE**
HORIZ: 1"=100'
VERT: 1"=10'



**DELAWARE DRIVE "DWR"
PROFILE**
HORIZ: 1"=100'
VERT: 1"=10'



STATION	8+00	10+00	12+00	14+00	8+00	10+00	12+00	14+00	10+00	12+00	14+00	TOTAL
CY	Exc											
	Emb											

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

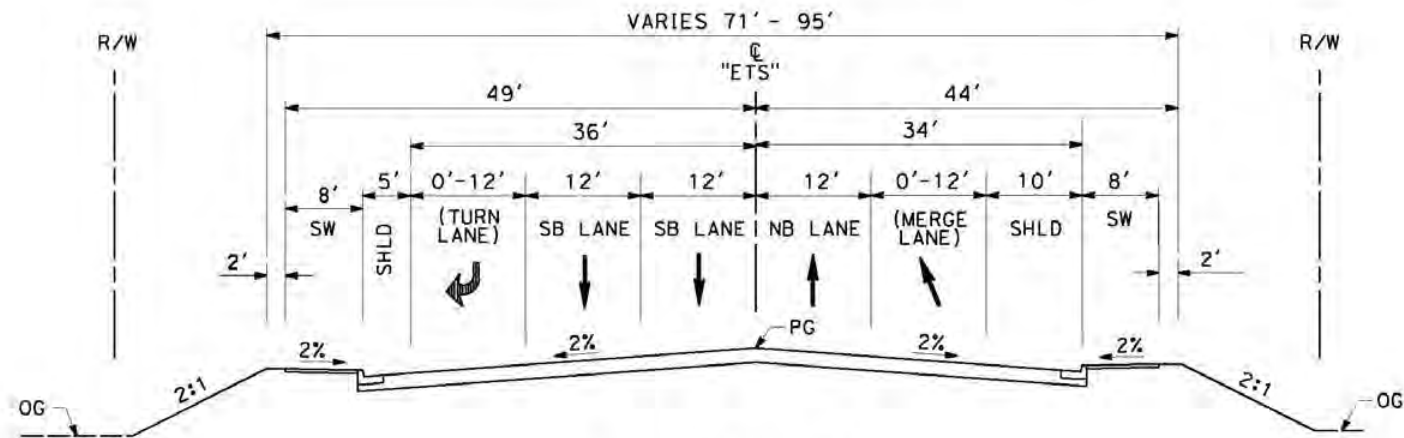
NOT FOR
CONSTRUCTION



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "SR14A"
ROADWAY PROFILE
WATER TREATMENT PLANT ACCESS ROADS & DELAWARE RD

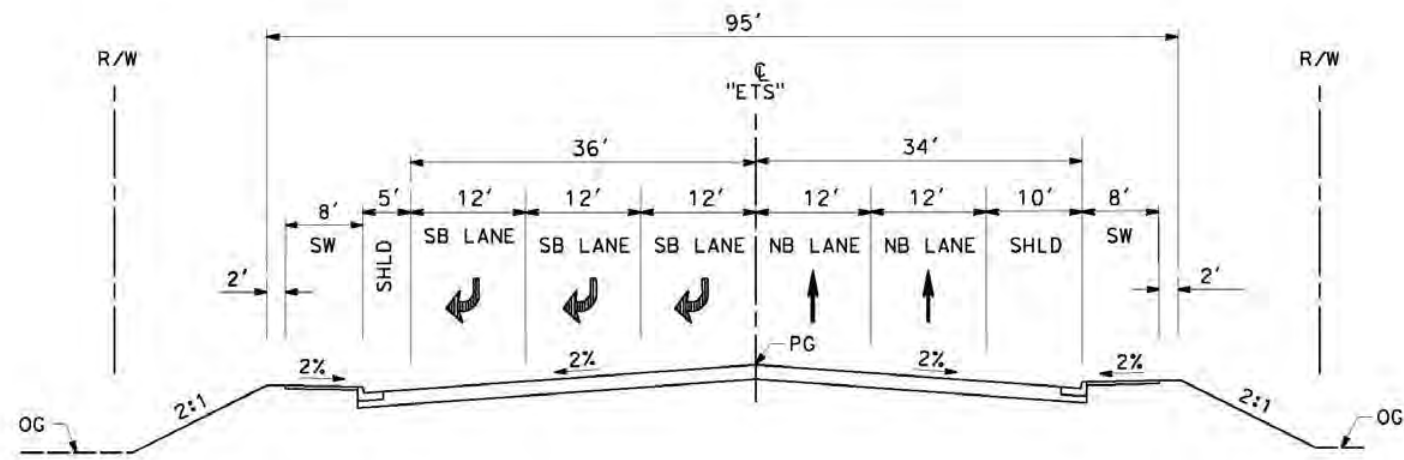
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1004-14A
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION



EAST 10TH ST

STA 12+68.66 TO STA 22+71.37
 SECONDARY ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



EAST 10TH ST

STA 10+76.75 TO STA 12+68.66
 SECONDARY ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN

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12/25/2020 3:54:04 AM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

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

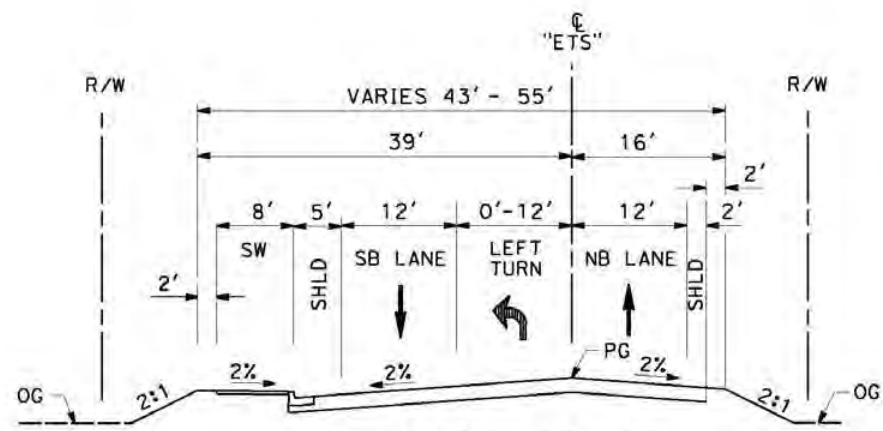
**NOT FOR
 CONSTRUCTION**



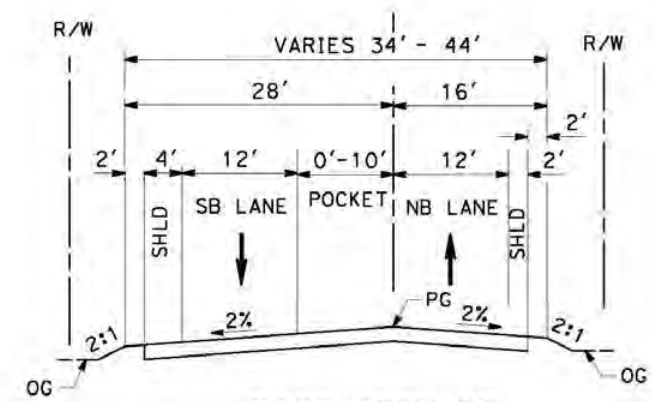
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**

ALIGNMENT "SR14A"
 ROADWAY TYPICAL SECTIONS
 EAST 10TH STREET (1/2)

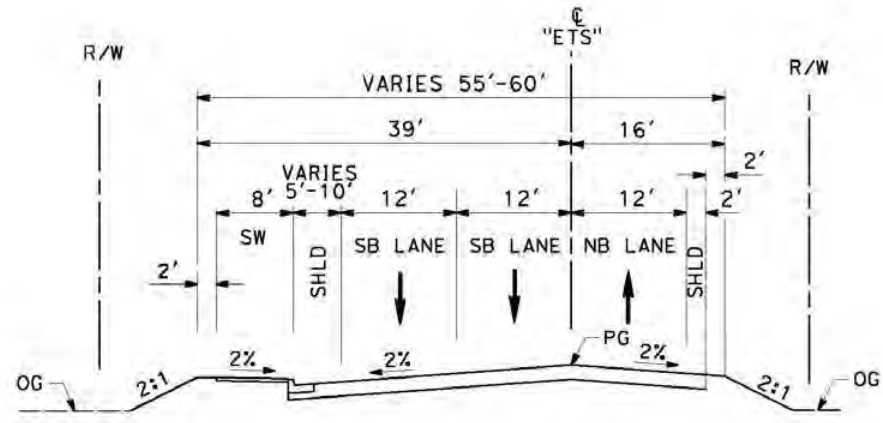
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DRAWING NO.	CY-R3001-14A
SCALE	AS SHOWN
SHEET NO.	



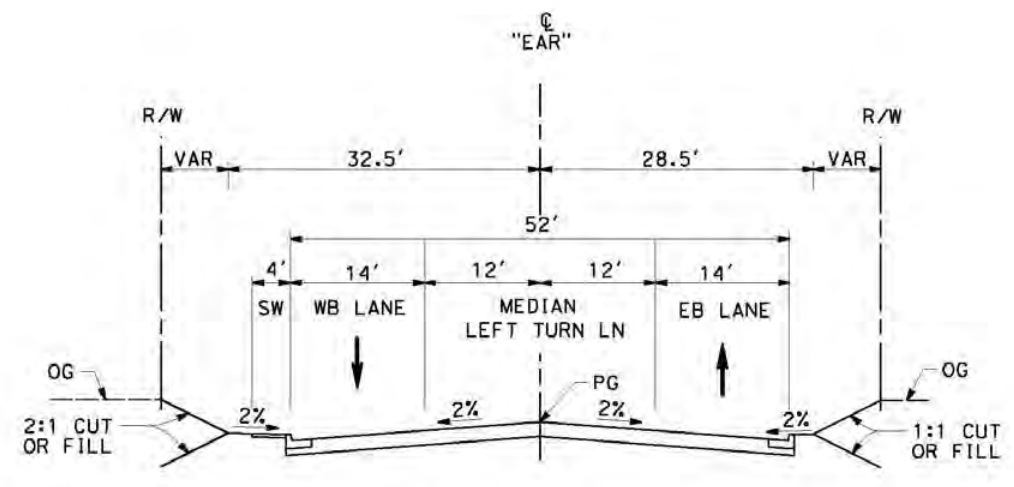
EAST 10TH ST
 STA 24+22.42 TO STA 27+49.52
 SECONDARY ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



EAST 10TH ST
 STA 27+49.52 TO STA 32+45.63
 SECONDARY ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



EAST 10TH ST
 STA 22+71.37 TO STA 24+22.42
 SECONDARY ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



E AVENUE R11
 STA 10+00 TO STA 18+95.15
 LOCAL INTERIOR STREET
 PER CITY OF PALMDALE GENERAL PLAN

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

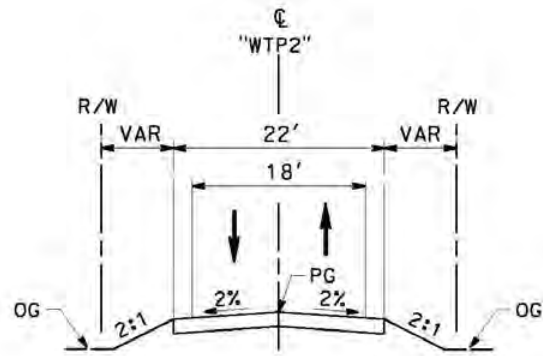
**PEPD RECORD SET
 ADDENDUM
 SR14A/E1A/E2A**

**NOT FOR
 CONSTRUCTION**



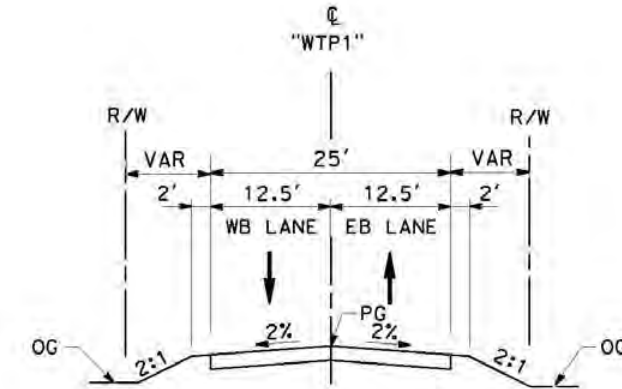
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "SR14A"
 ROADWAY TYPICAL SECTIONS
 EAST 10TH STREET (2/2) & E AVENUE R11

CONTRACT NO.
HSR14-42
 DRAWING NO.
CY-R3002-14A
 SCALE
AS SHOWN
 SHEET NO.



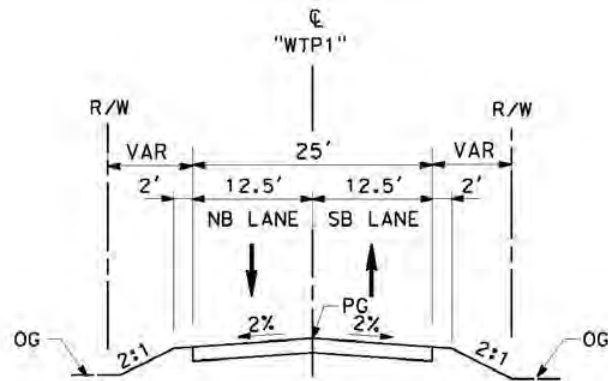
**WATER TREATMENT PLANT
ACCESS ROAD 2**

STA 10+00 TO STA 12+68.24



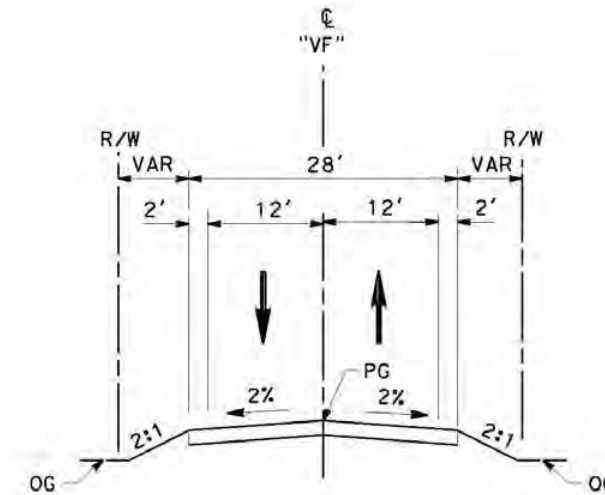
DELAWARE RD

STA 10+00 TO STA 11+66.71



**WATER TREATMENT PLANT
ACCESS ROAD1**

STA 10+00 TO STA 11+66.71



VALLEY FORGE RD

11+39.62 TO 15+33.61

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12/25/2020 3:56:47 AM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "SR14A"
ROADWAY TYPICAL SECTIONS
WATER TREATMENT PLANT ACCESS ROADS, DELAWARE RD &
VALLEY FORGE RD

CONTRACT NO.
HSR14-42
DRAWING NO.
CY-R3003-14A
SCALE
NO SCALE
SHEET NO.

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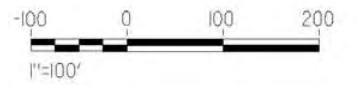
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cordo

LINE DATA			CURVE DATA					
	BEARING	DISTANCE	ALIGNMENT	R	Δ	T	L	ALIGNMENT
1	S 89°59'59.27" E	203.33'	"EAS" (AVENUE S REALIGNED)	① 7,000'	5°34'39.81"	340.99	681.45'	"EAS" (AVENUE S REALIGNED)
2	N 84°25'20.92" E	503.78'	"EAS" (AVENUE S REALIGNED)	② 7,010'	11°08'46.07"	684.01'	1,363.70'	"EAS" (AVENUE S REALIGNED)



MATCH LINE (CV-T4002-14A)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

NOT FOR
CONSTRUCTION



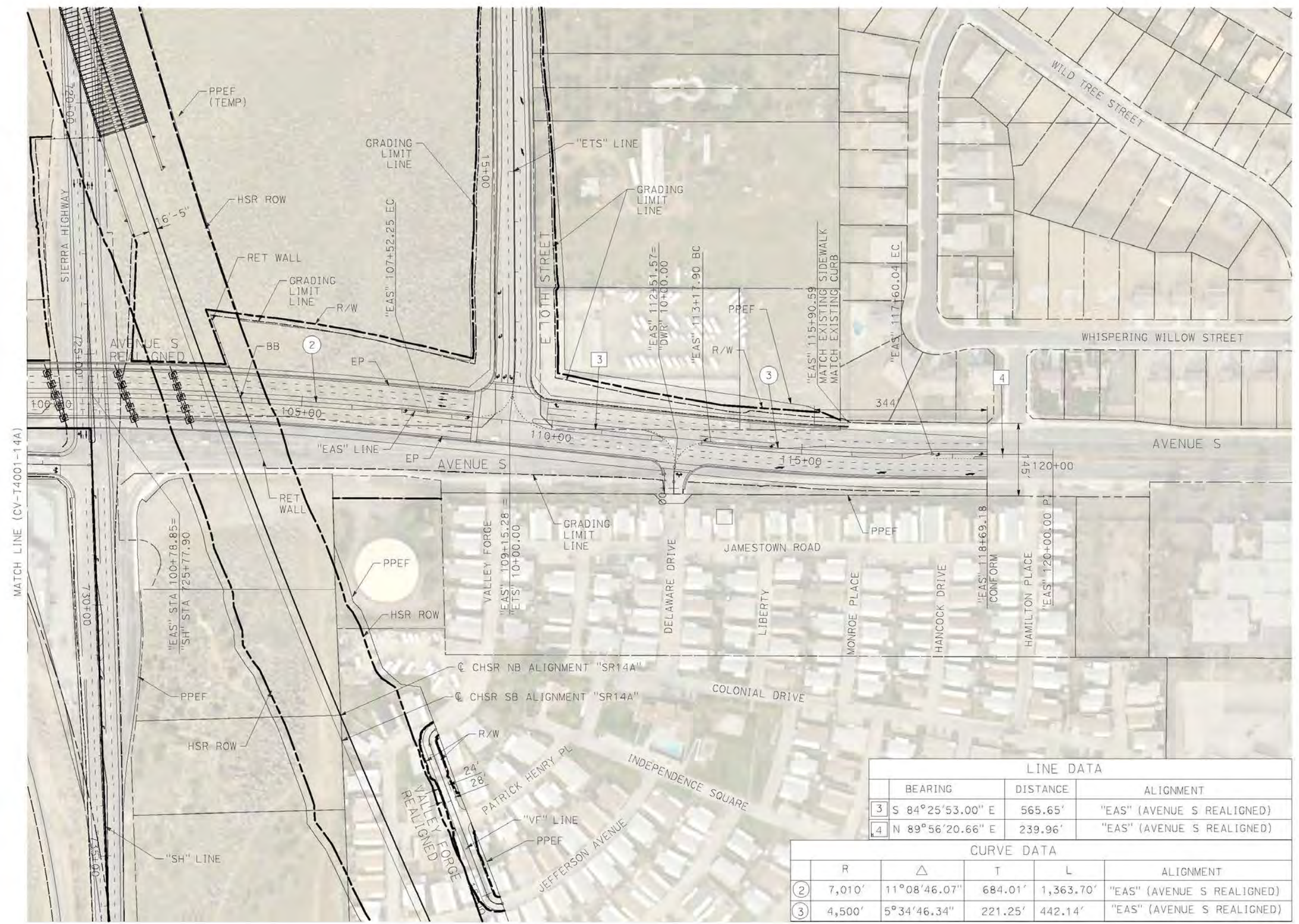
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
GRADE SEPARATION PLAN
AVENUE S (1/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4001-14A
SCALE
AS SHOWN
SHEET NO.

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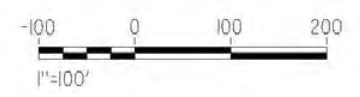
3/4/2021 3:54:45 PM

cordo



LINE DATA			
	BEARING	DISTANCE	ALIGNMENT
3	S 84°25'53.00" E	565.65'	"EAS" (AVENUE S REALIGNED)
4	N 89°56'20.66" E	239.96'	"EAS" (AVENUE S REALIGNED)

CURVE DATA					
	R	Δ	T	L	ALIGNMENT
2	7,010'	11°08'46.07"	684.01'	1,363.70'	"EAS" (AVENUE S REALIGNED)
3	4,500'	5°34'46.34"	221.25'	442.14'	"EAS" (AVENUE S REALIGNED)

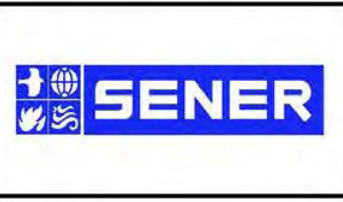


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



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

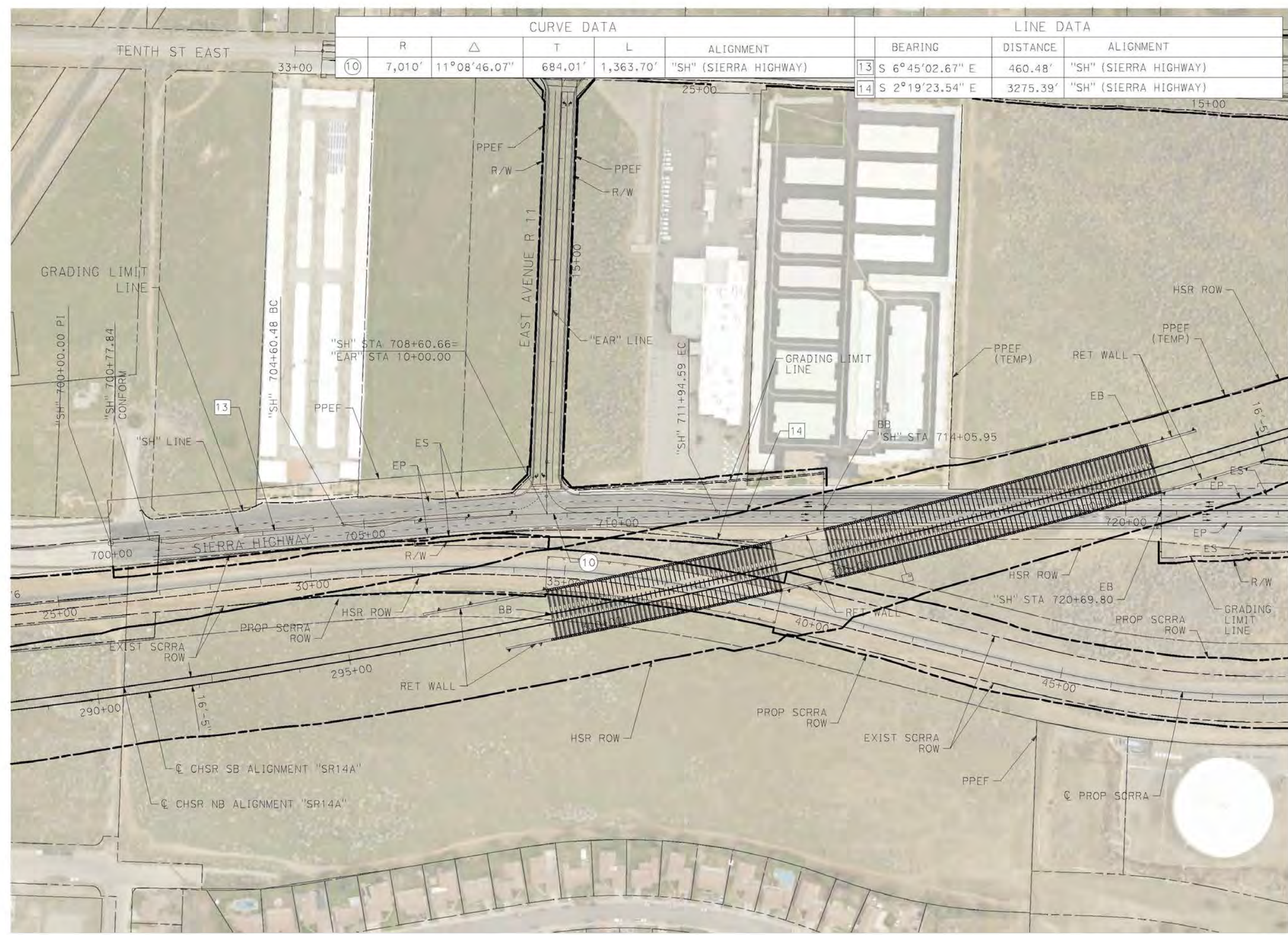
ALIGNMENT "SR14A"
GRADE SEPARATION PLAN
AVENUE S (2/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4002-14A
SCALE
AS SHOWN
SHEET NO.

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3/4/2021 3:58:08 PM

cordo

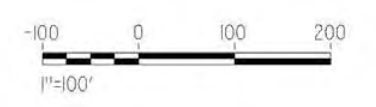


CURVE DATA				
	R	Δ	T	L
⑩	7,010'	11°08'46.07"	684.01'	1,363.70'

LINE DATA		
	BEARING	DISTANCE
13	S 6°45'02.67" E	460.48'
14	S 2°19'23.54" E	3275.39'



MATCH LINE (CV-R4004-14A)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



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

ALIGNMENT "SR14A"
GRADE SEPARATION PLAN
SIERRA HIGHWAY (1/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4003-14A
SCALE
AS SHOWN
SHEET NO.

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12/25/2020 7:28:46 AM

cordo

LINE DATA			
	BEARING	DISTANCE	ALIGNMENT
14	S 2°19'23.54" E	2494.63'	"SH" (SIERRA HIGHWAY)



MATCH LINE (CV-T4003-14A)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**

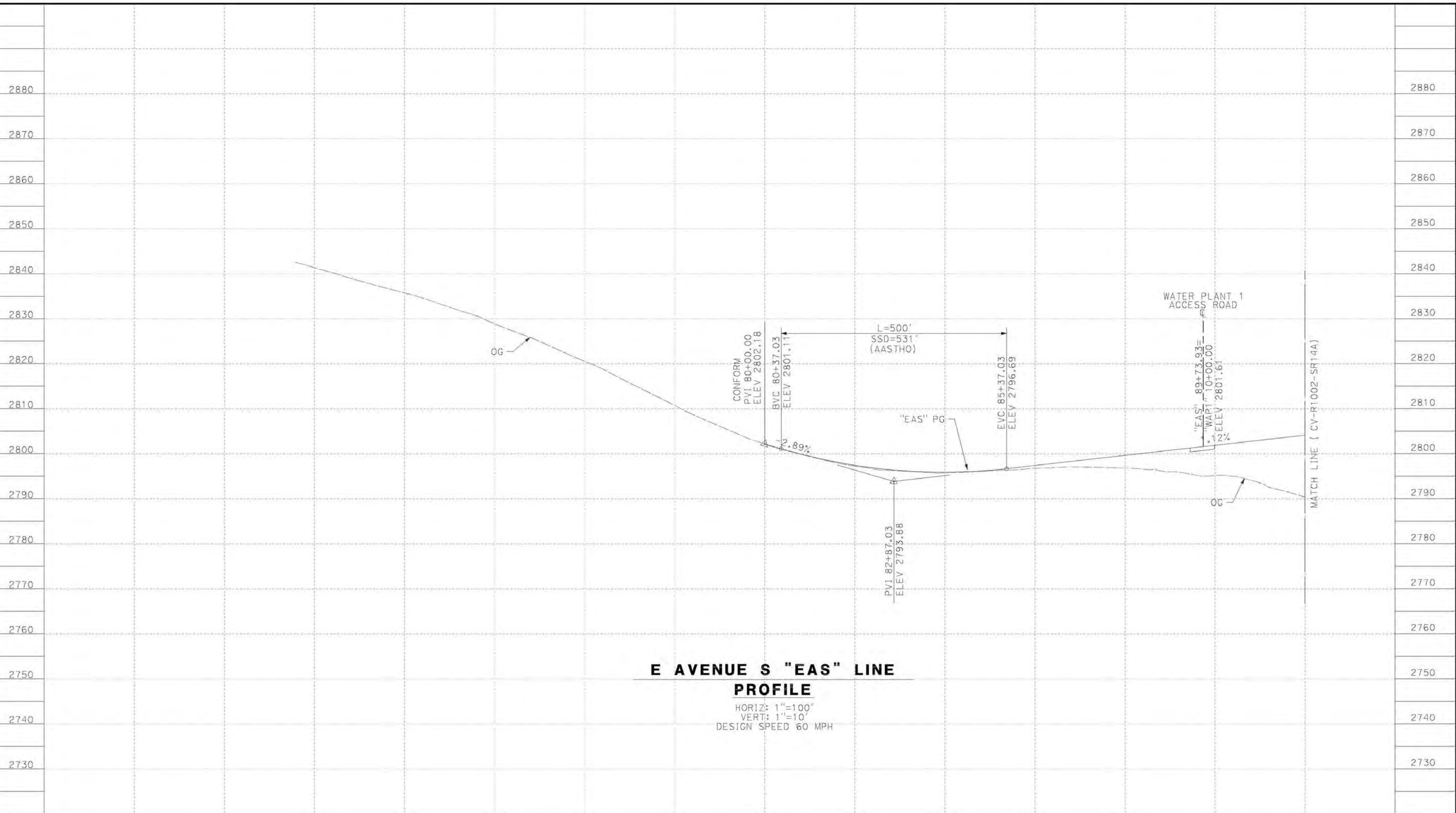


**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "SR14A"
GRADE SEPARATION PLAN
SIERRA HIGHWAY (2/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4004-14A
SCALE
AS SHOWN
SHEET NO.

12/28/2020 8:28:47 PM c:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\ca\cordoba\dms28528\PB-CV-T1001-14A.dgn

cordo



**E AVENUE S "EAS" LINE
PROFILE**

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

STATION	71+00	72+00	74+00	76+00	78+00	80+00	82+00	84+00	86+00	88+00	TOTAL
Exc											
Emb											

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

NOT FOR
CONSTRUCTION



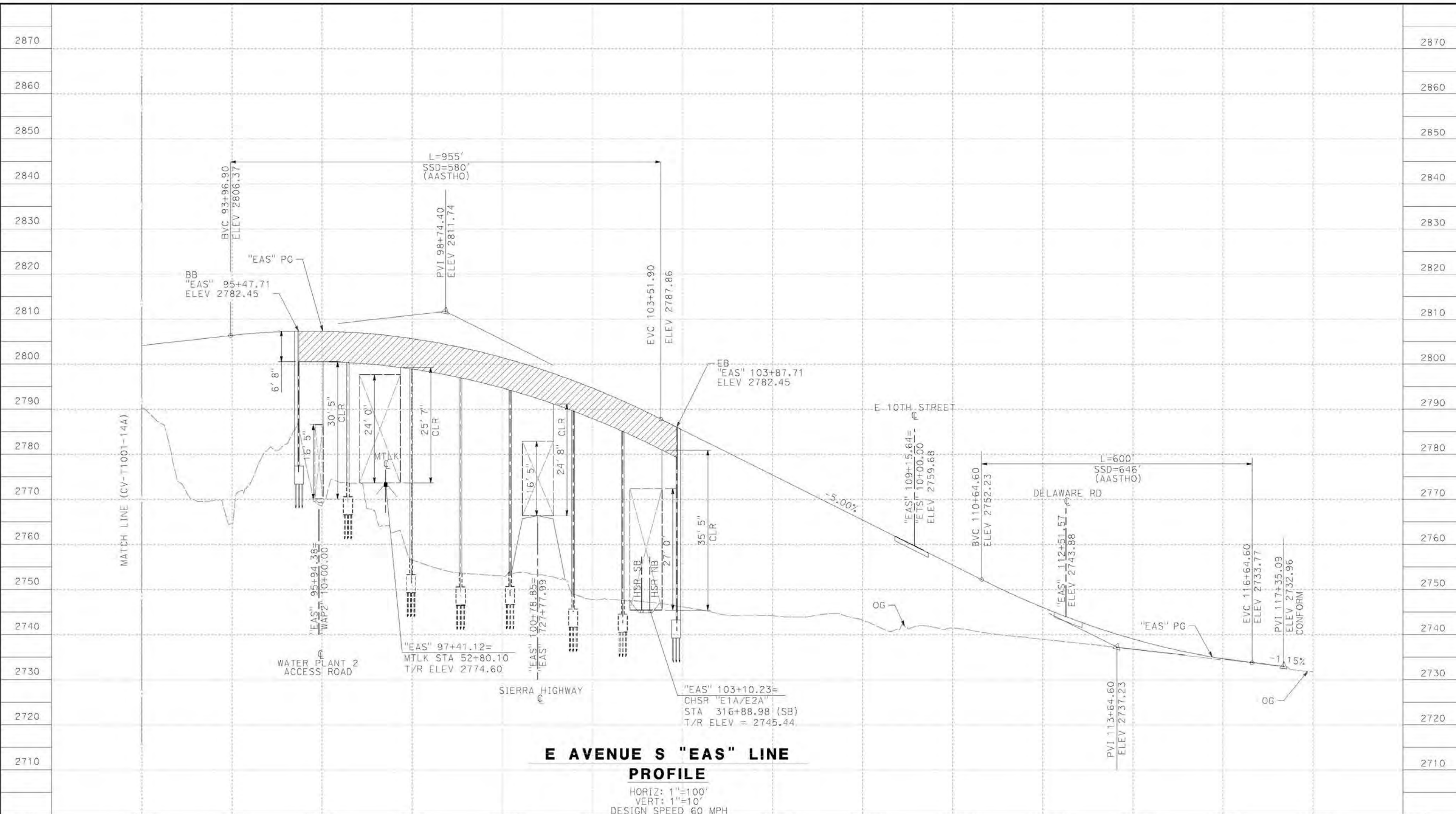
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "SR14A"
GRADE SEPARATION PROFILE
AVENUE S (1/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T1001-14A
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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12/28/2020 8:30:44 PM corcdo



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

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

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



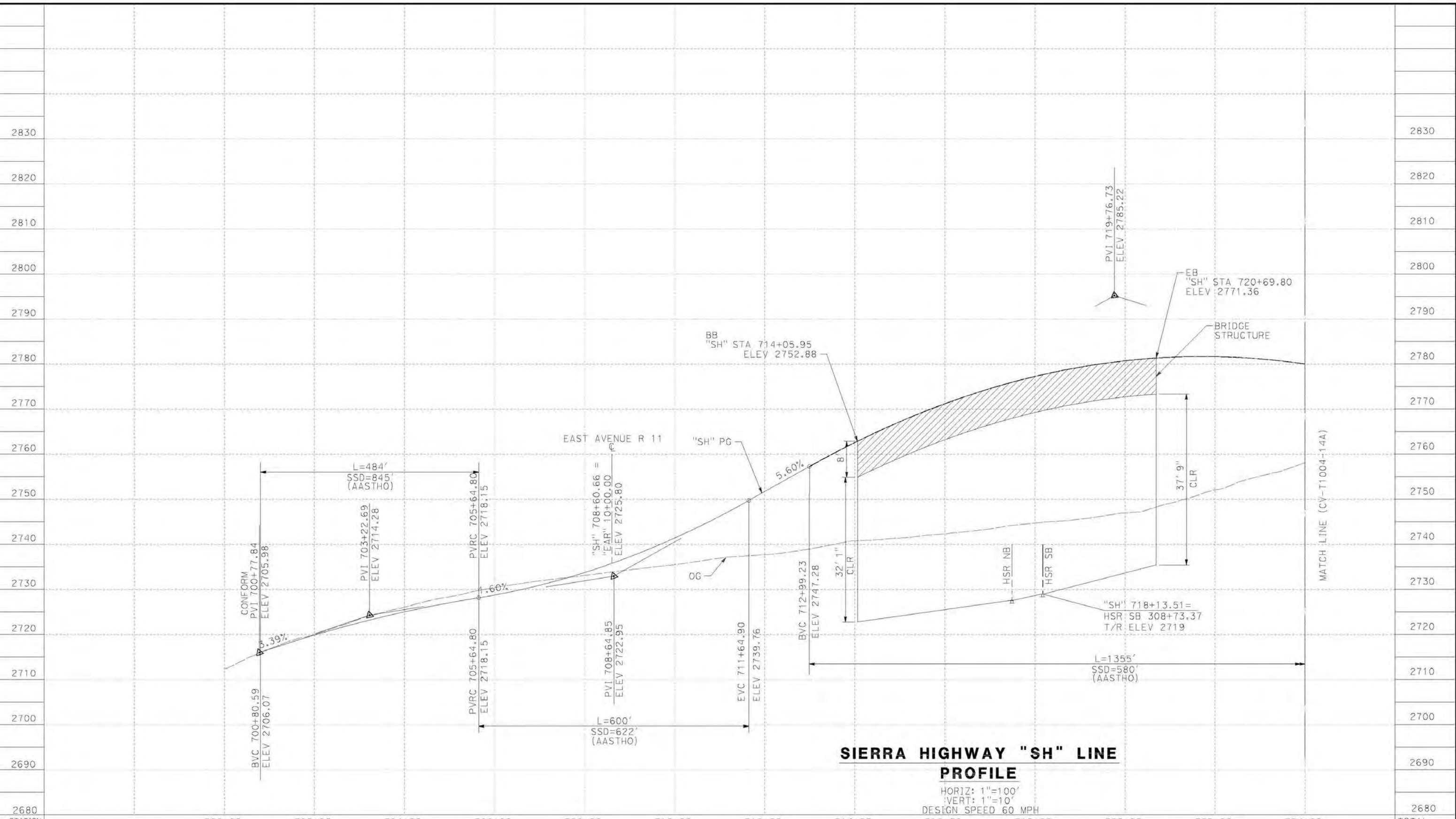
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

ALIGNMENT "SR14A"
GRADE SEPARATION PROFILE
AVENUE S (2/2)

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1002-14A
 SCALE
AS SHOWN
 SHEET NO.

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cordo



STATION	700+00	702+00	704+00	706+00	708+00	710+00	712+00	714+00	716+00	718+00	720+00	722+00	724+00	TOTAL
Exc														
Emb														

DESIGNED BY
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R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

PEPD RECORD SET
 ADDENDUM
 SR14A/E1A/E2A
 NOT FOR
 CONSTRUCTION



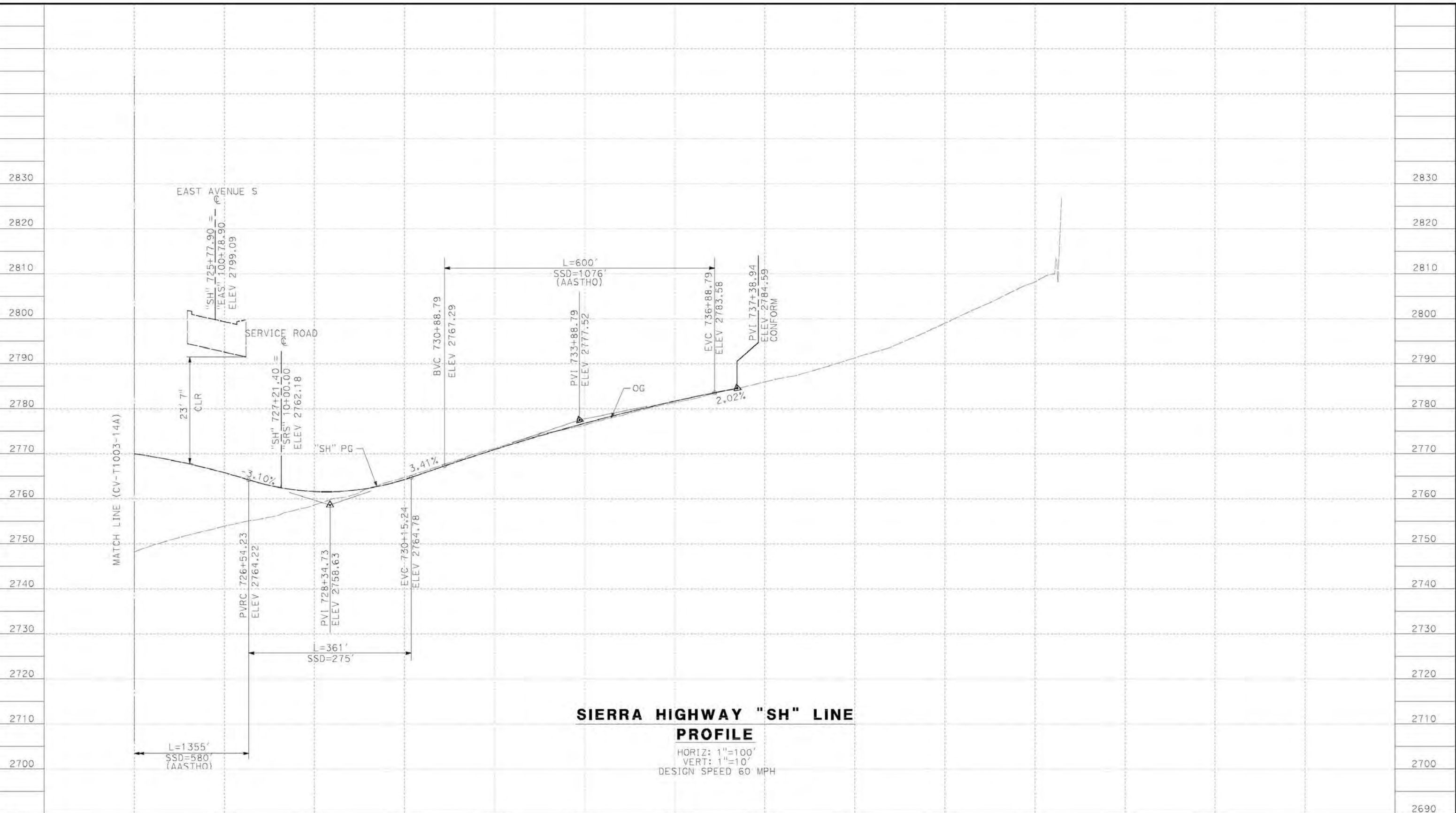
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "SR14A"
 GRADE SEPARATION PROFILE
 SIERRA HIGHWAY (1/2)

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1003-14A
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



**SIERRA HIGHWAY "SH" LINE
PROFILE**

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

STATION	726+00	728+00	730+00	732+00	734+00	736+00	738+00	740+00	742+00	744+00	746+00	748+00	TOTAL
Exc													
Emb													

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IN CHARGE
A. RELANO
DATE
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**PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A**

**NOT FOR
CONSTRUCTION**

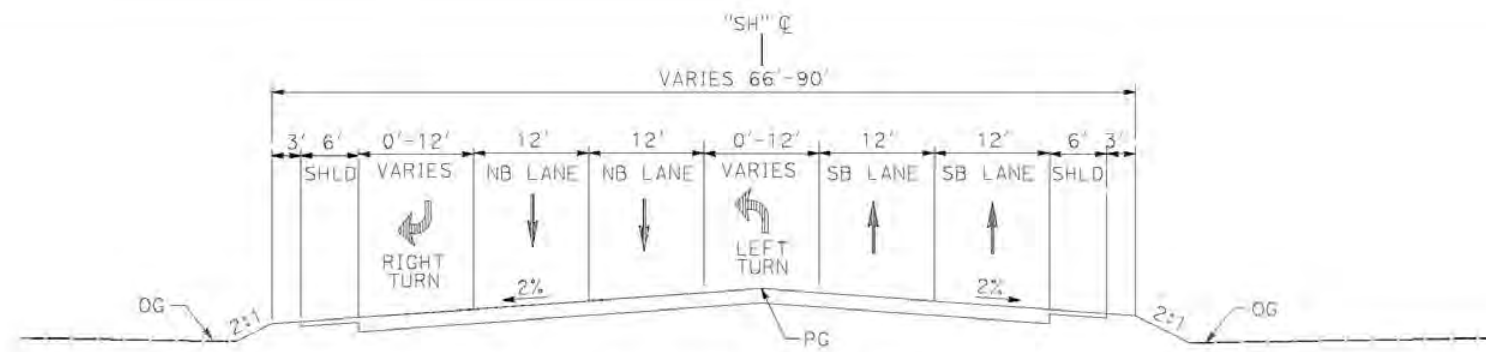


**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

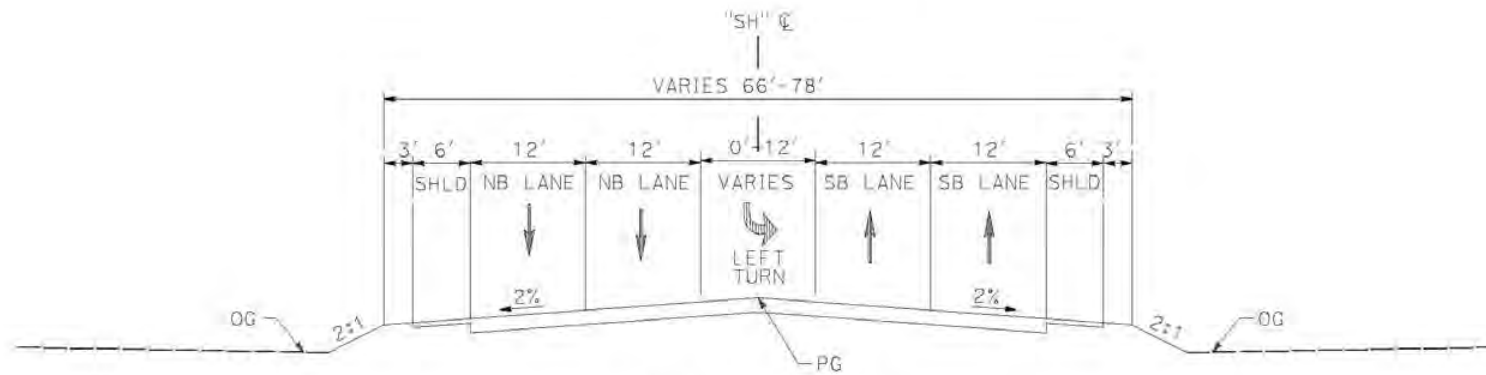
ALIGNMENT "SR14A"
GRADE SEPARATION PROFILE
SIERRA HIGHWAY (2/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T1004-14A
SCALE
AS SHOWN
SHEET NO.

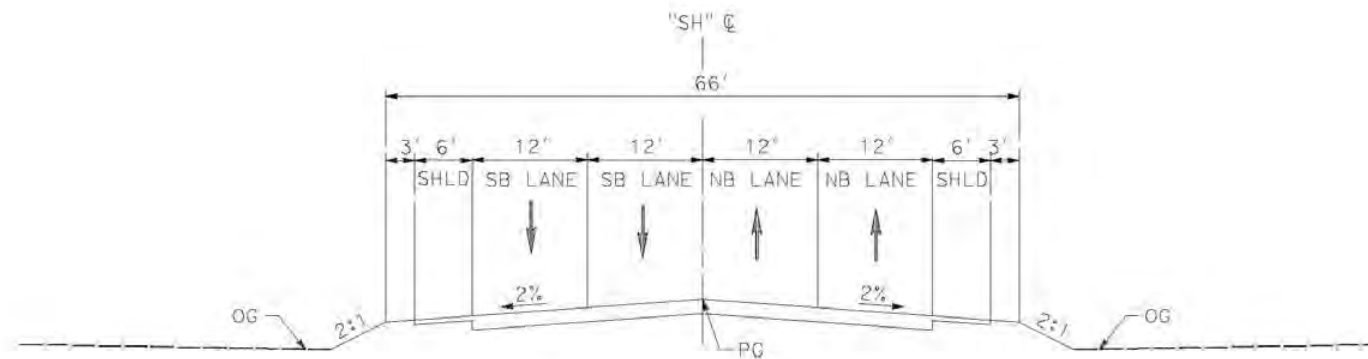
REV	DATE	BY	CHK	APP	DESCRIPTION



SIERRA HIGHWAY
 STA 705+22.61 to 707+98.97
 PER CITY OF PALMDALE GENERAL PLAN



SIERRA HIGHWAY
 STA 707+98.97 to 712+07.54
 STA 723+76.85 to 736+89.22
 PER CITY OF PALMDALE GENERAL PLAN



SIERRA HIGHWAY
 STA 712+07.54 to 714+93.94 (BEG BRIDGE)
 STA 720+69.80 (END BRIDGE) TO 723+76.85
 PER CITY OF PALMDALE GENERAL PLAN

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cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

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

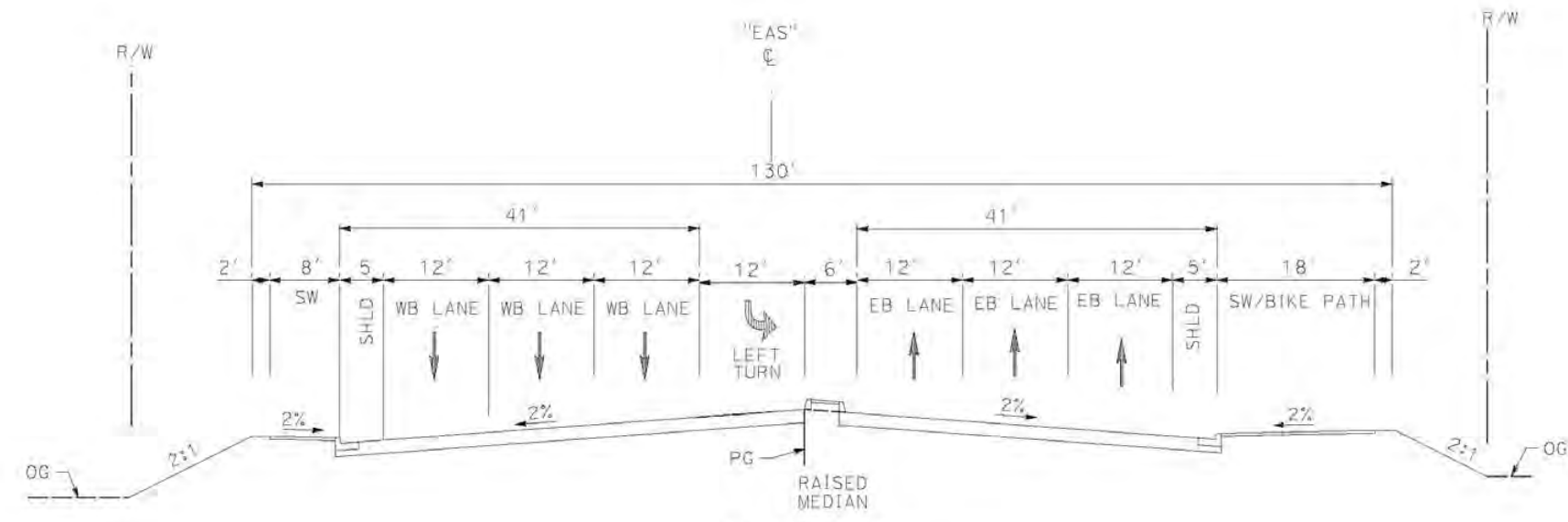
**NOT FOR
 CONSTRUCTION**



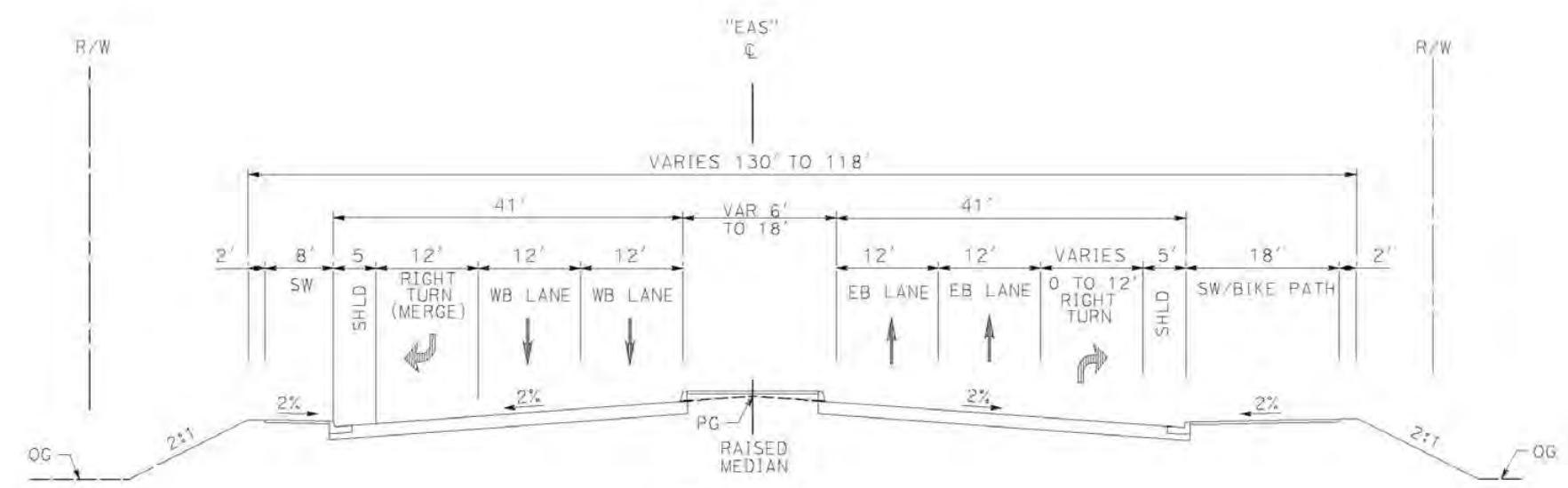
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**

ALIGNMENT "SR14A"
 ROADWAY TYPICAL SECTIONS
 SIERRA HIGHWAY

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T3001-14A
 SCALE
NO SCALE
 SHEET NO.



AVENUE S
 STA 90+27.08 to 92+75.30
 STA 103+77.01 (END BRIDGE) to STA 118+68.90
 PER CITY OF PALMDALE GENERAL PLAN



AVENUE S
 STA 80+00.00 to 90+27.08
 PER CITY OF PALMDALE GENERAL PLAN

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cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D.CORDOBA
 DRAWN BY
A.CAMACHO
 CHECKED BY
R.RODRIGUEZ
 IN CHARGE
A.RELANO
 DATE
02/26/2021

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

**NOT FOR
 CONSTRUCTION**



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

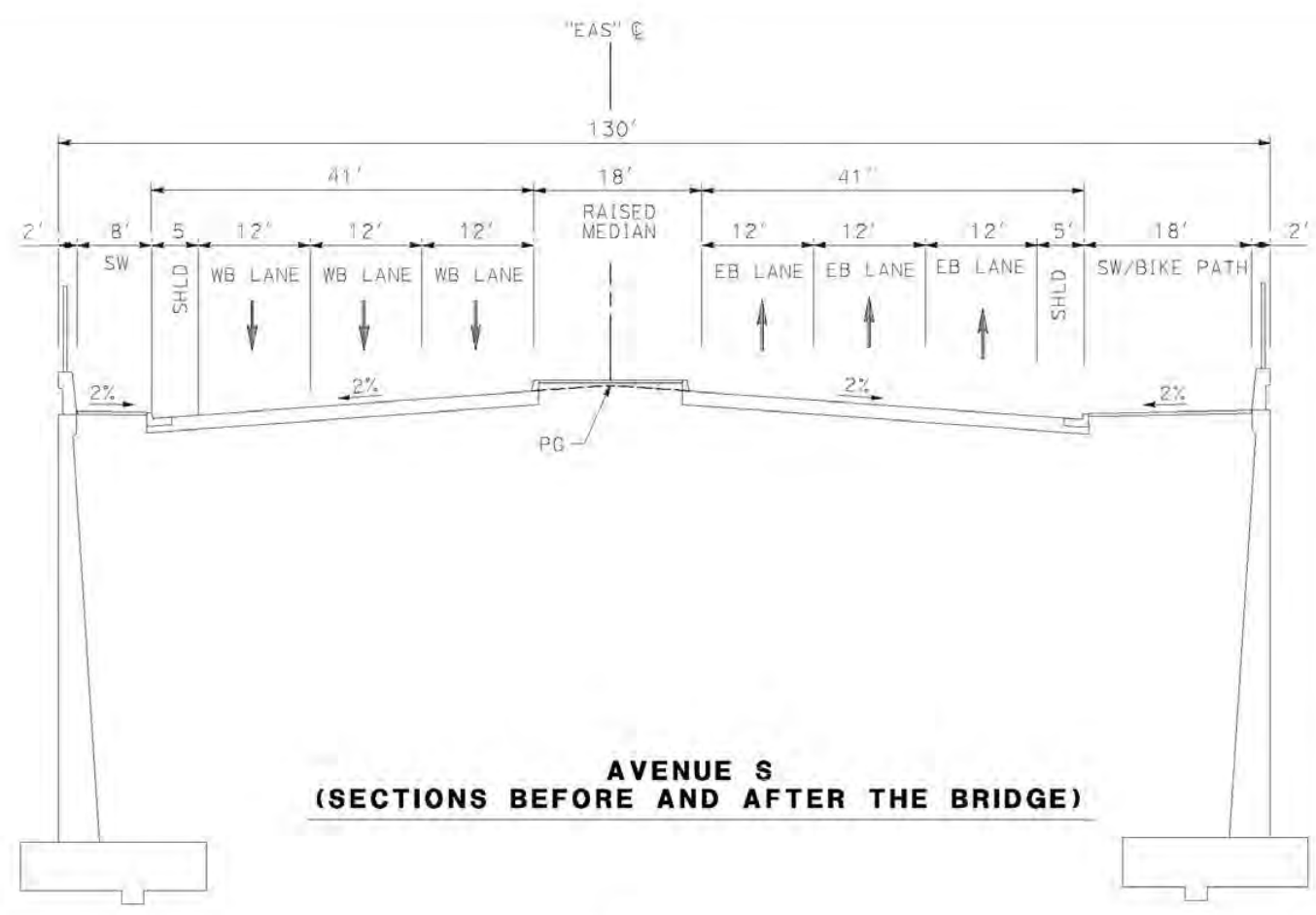
ALIGNMENT "SR14A"
 ROADWAY TYPICAL SECTIONS
 AVENUE S REALIGNED (1/2)

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T3002-14A
 SCALE
NO SCALE
 SHEET NO.

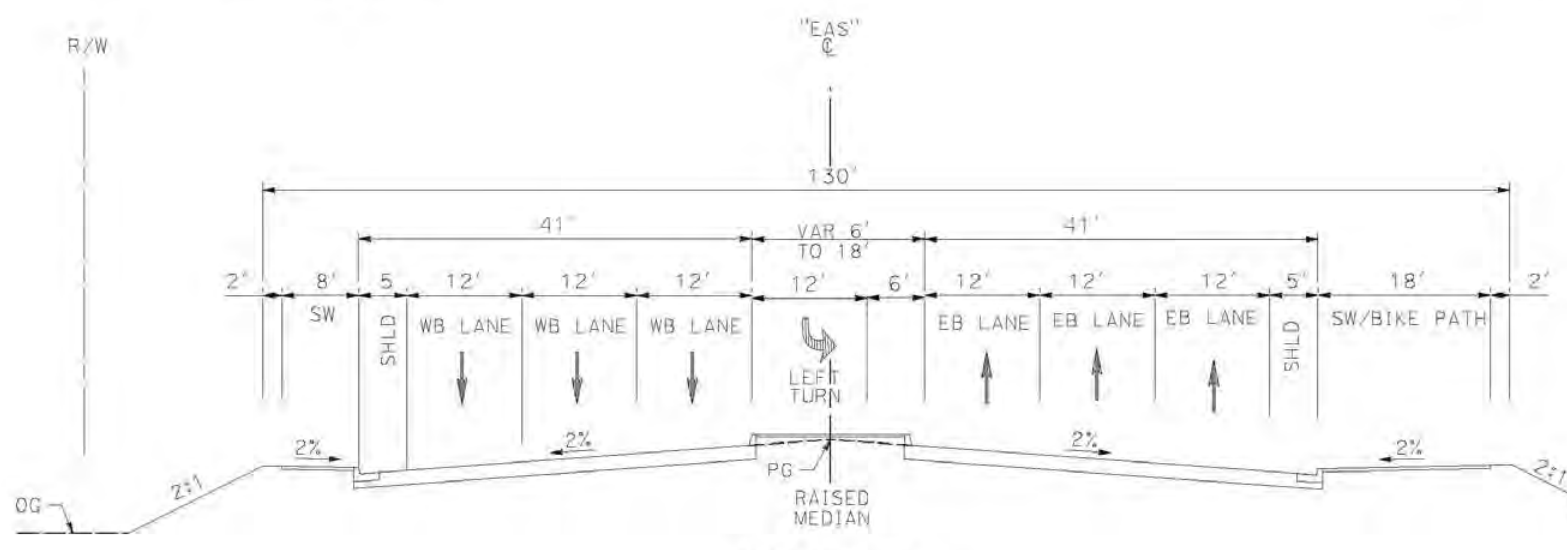
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corcoba

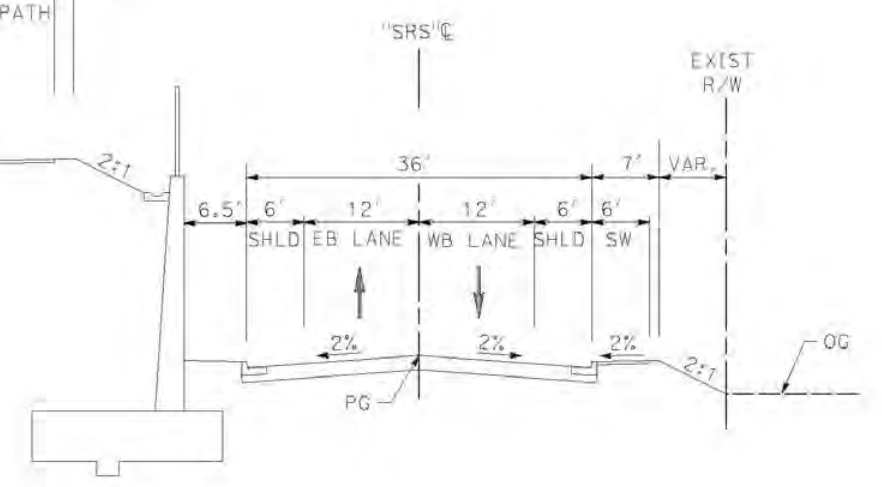


**AVENUE S
(SECTIONS BEFORE AND AFTER THE BRIDGE)**



AVENUE S
STA 92+75.30 to 95+48.24 (BEG BRIDGE)
PER CITY OF PALMDALE GENERAL PLAN

SERVICE ROAD AVENUE S
STA 10+00.00 to 18+00.00
PER CITY OF PALMDALE GENERAL PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

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A.RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



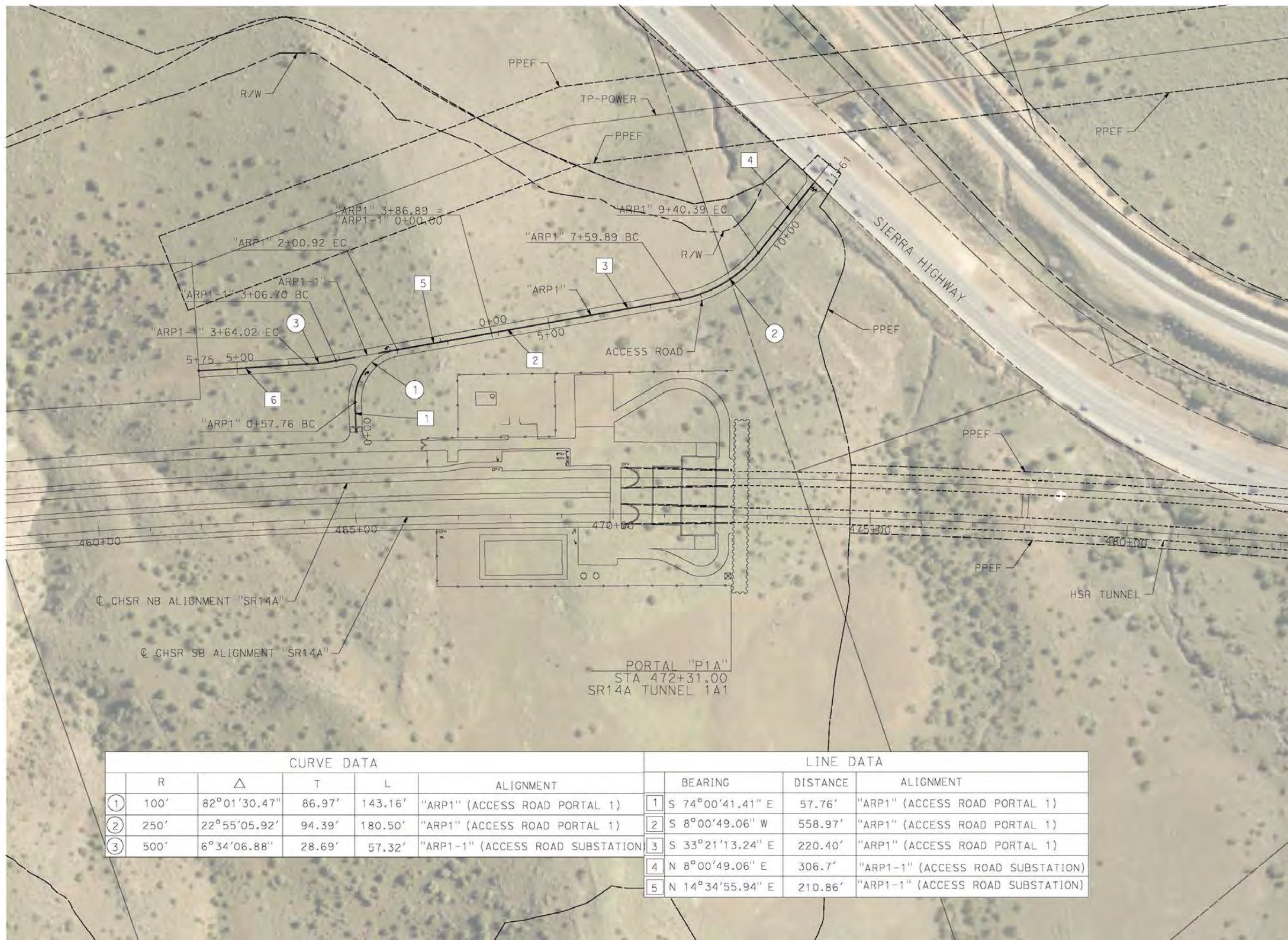
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "SR14A"
ROADWAY TYPICAL SECTIONS
AVENUE S REALIGNED (2/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T3003-14A
SCALE
NO SCALE
SHEET NO.

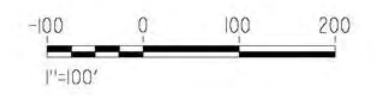
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corcoba



CURVE DATA					LINE DATA			
	R	Δ	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
①	100'	82°01'30.47"	86.97'	143.16'	"ARP1" (ACCESS ROAD PORTAL 1)	1 S 74°00'41.41" E	57.76'	"ARP1" (ACCESS ROAD PORTAL 1)
②	250'	22°55'05.92"	94.39'	180.50'	"ARP1" (ACCESS ROAD PORTAL 1)	2 S 8°00'49.06" W	558.97'	"ARP1" (ACCESS ROAD PORTAL 1)
③	500'	6°34'06.88"	28.69'	57.32'	"ARP1-1" (ACCESS ROAD SUBSTATION)	3 S 33°21'13.24" E	220.40'	"ARP1" (ACCESS ROAD PORTAL 1)
						4 N 8°00'49.06" E	306.7'	"ARP1-1" (ACCESS ROAD SUBSTATION)
						5 N 14°34'55.94" E	210.86'	"ARP1-1" (ACCESS ROAD SUBSTATION)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
F. DE JESUS
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CHECKED BY
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IN CHARGE
A. RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

NOT FOR
CONSTRUCTION



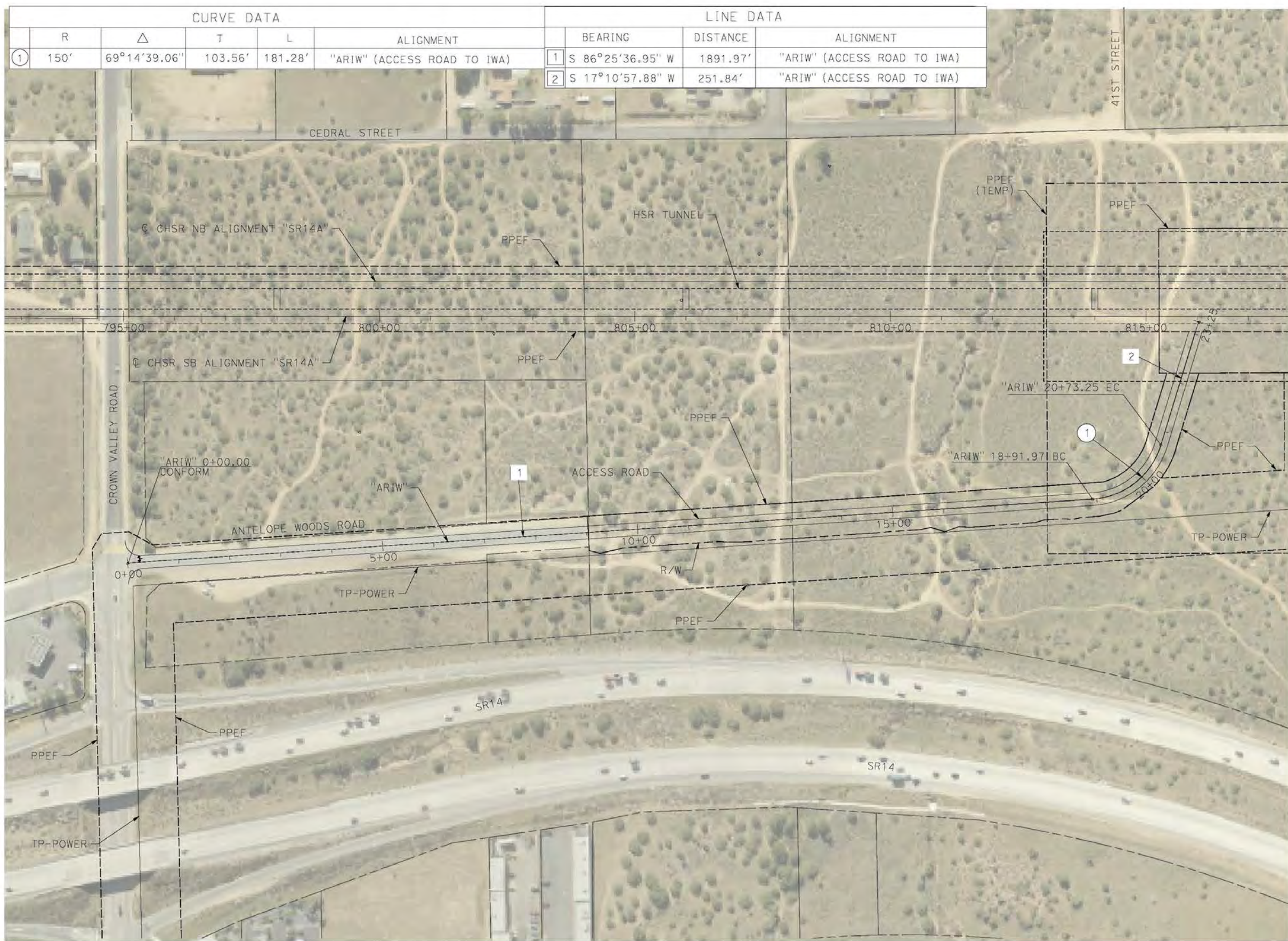
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
ACCESS ROAD PLAN
PORTAL 1

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4001-14A
SCALE
AS SHOWN
SHEET NO.

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corcaba



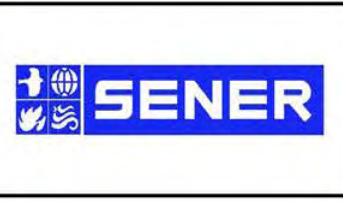
CURVE DATA					LINE DATA			
	R	Δ	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
1	150'	69°14'39.06"	103.56'	181.28'	"ARIW" (ACCESS ROAD TO IWA)	S 86°25'36.95" W	1891.97'	"ARIW" (ACCESS ROAD TO IWA)
2						S 17°10'57.88" W	251.84'	"ARIW" (ACCESS ROAD TO IWA)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



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

ALIGNMENT "SR14A"
ACCESS ROAD PLAN
INTERMEDIATE WINDOW

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4002-14A
SCALE
AS SHOWN
SHEET NO.

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cordoba

CURVE DATA					LINE DATA			
	R	Δ	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
13	200'	70°11'43.47"	140.55'	245.03'	"ARP2" (ACCESS ROAD PORTAL 2)	11 N 61°00'02.70" E	765.65'	"ARP2" (ACCESS ROAD PORTAL 2)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
F. DE JESUS
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D. CORDOBA
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IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



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

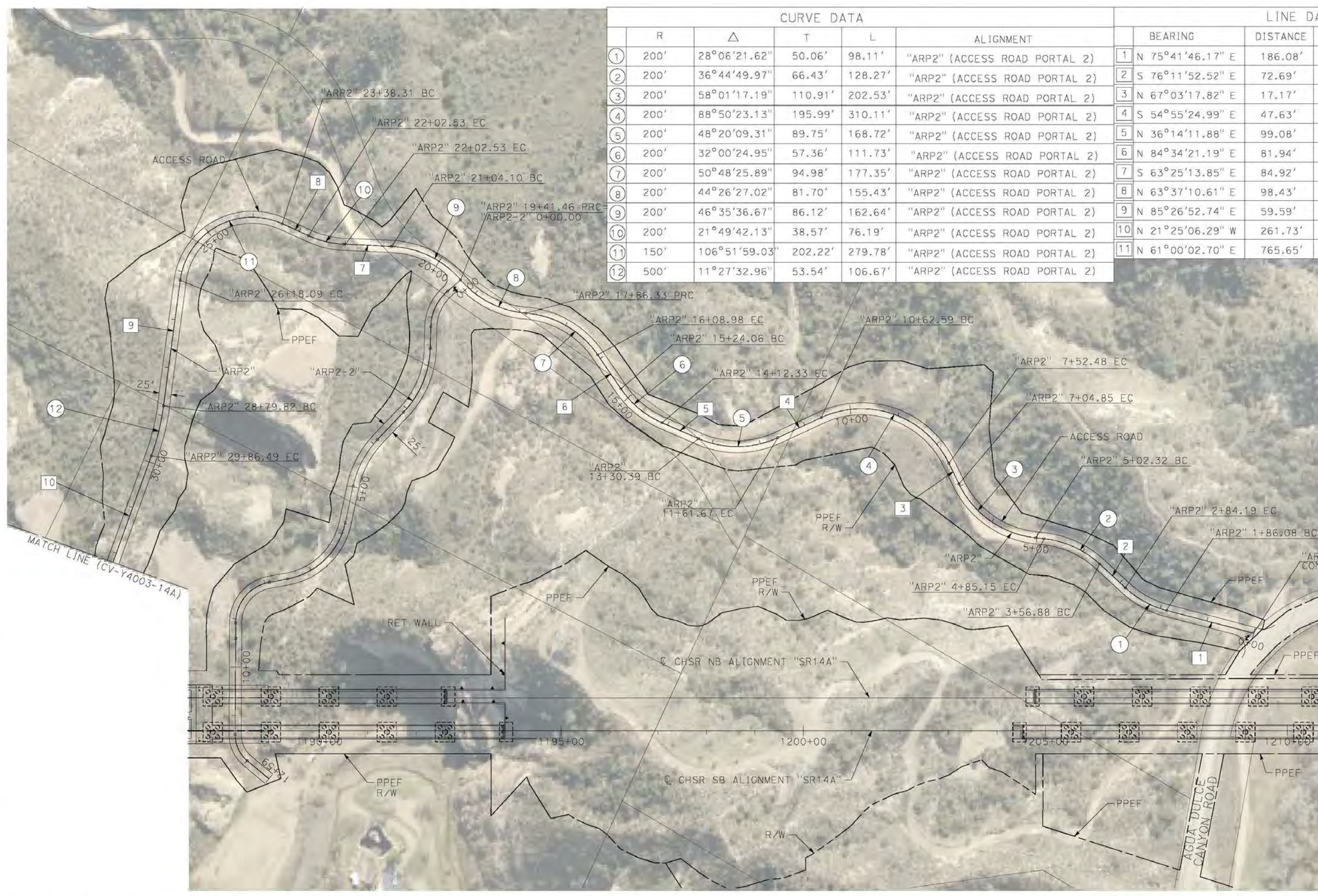
ALIGNMENT "SR14A"
ACCESS ROAD PLAN
PORTAL 2 (1/3)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4003-14A
SCALE
AS SHOWN
SHEET NO.

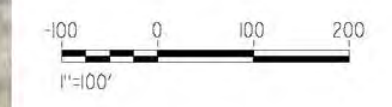
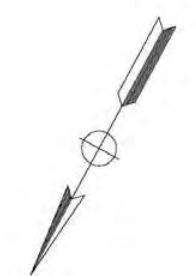
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1/8/2021 5:49:51 PM

cordoba



CURVE DATA						LINE DATA		
	R	Δ	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
①	200'	28°06'21.62"	50.06'	98.11'	"ARP2" (ACCESS ROAD PORTAL 2)	1 N 75°41'46.17" E	186.08'	"ARP2" (ACCESS ROAD PORTAL 2)
②	200'	36°44'49.97"	66.43'	128.27'	"ARP2" (ACCESS ROAD PORTAL 2)	2 S 76°11'52.52" E	72.69'	"ARP2" (ACCESS ROAD PORTAL 2)
③	200'	58°01'17.19"	110.91'	202.53'	"ARP2" (ACCESS ROAD PORTAL 2)	3 N 67°03'17.82" E	17.17'	"ARP2" (ACCESS ROAD PORTAL 2)
④	200'	88°50'23.13"	195.99'	310.11'	"ARP2" (ACCESS ROAD PORTAL 2)	4 S 54°55'24.99" E	47.63'	"ARP2" (ACCESS ROAD PORTAL 2)
⑤	200'	48°20'09.31"	89.75'	168.72'	"ARP2" (ACCESS ROAD PORTAL 2)	5 N 36°14'11.88" E	99.08'	"ARP2" (ACCESS ROAD PORTAL 2)
⑥	200'	32°00'24.95"	57.36'	111.73'	"ARP2" (ACCESS ROAD PORTAL 2)	6 N 84°34'21.19" E	81.94'	"ARP2" (ACCESS ROAD PORTAL 2)
⑦	200'	50°48'25.89"	94.98'	177.35'	"ARP2" (ACCESS ROAD PORTAL 2)	7 S 63°25'13.85" E	84.92'	"ARP2" (ACCESS ROAD PORTAL 2)
⑧	200'	44°26'27.02"	81.70'	155.43'	"ARP2" (ACCESS ROAD PORTAL 2)	8 N 63°37'10.61" E	98.43'	"ARP2" (ACCESS ROAD PORTAL 2)
⑨	200'	46°35'36.67"	86.12'	162.64'	"ARP2" (ACCESS ROAD PORTAL 2)	9 N 85°26'52.74" E	59.59'	"ARP2" (ACCESS ROAD PORTAL 2)
⑩	200'	21°49'42.13"	38.57'	76.19'	"ARP2" (ACCESS ROAD PORTAL 2)	10 N 21°25'06.29" W	261.73'	"ARP2" (ACCESS ROAD PORTAL 2)
⑪	150'	106°51'59.03"	202.22'	279.78'	"ARP2" (ACCESS ROAD PORTAL 2)	11 N 61°00'02.70" E	765.65'	"ARP2" (ACCESS ROAD PORTAL 2)
⑫	500'	11°27'32.96"	53.54'	106.67'	"ARP2" (ACCESS ROAD PORTAL 2)			

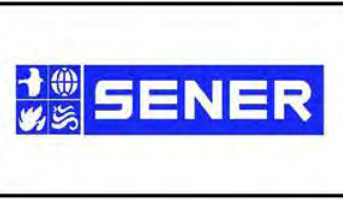


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
F. DEJESUS
DRAWN BY
D. CORDOBA
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R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "SR14A"
ACCESS ROAD PLAN
PORTAL 2 (2/3)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4004-14A
SCALE
AS SHOWN
SHEET NO.

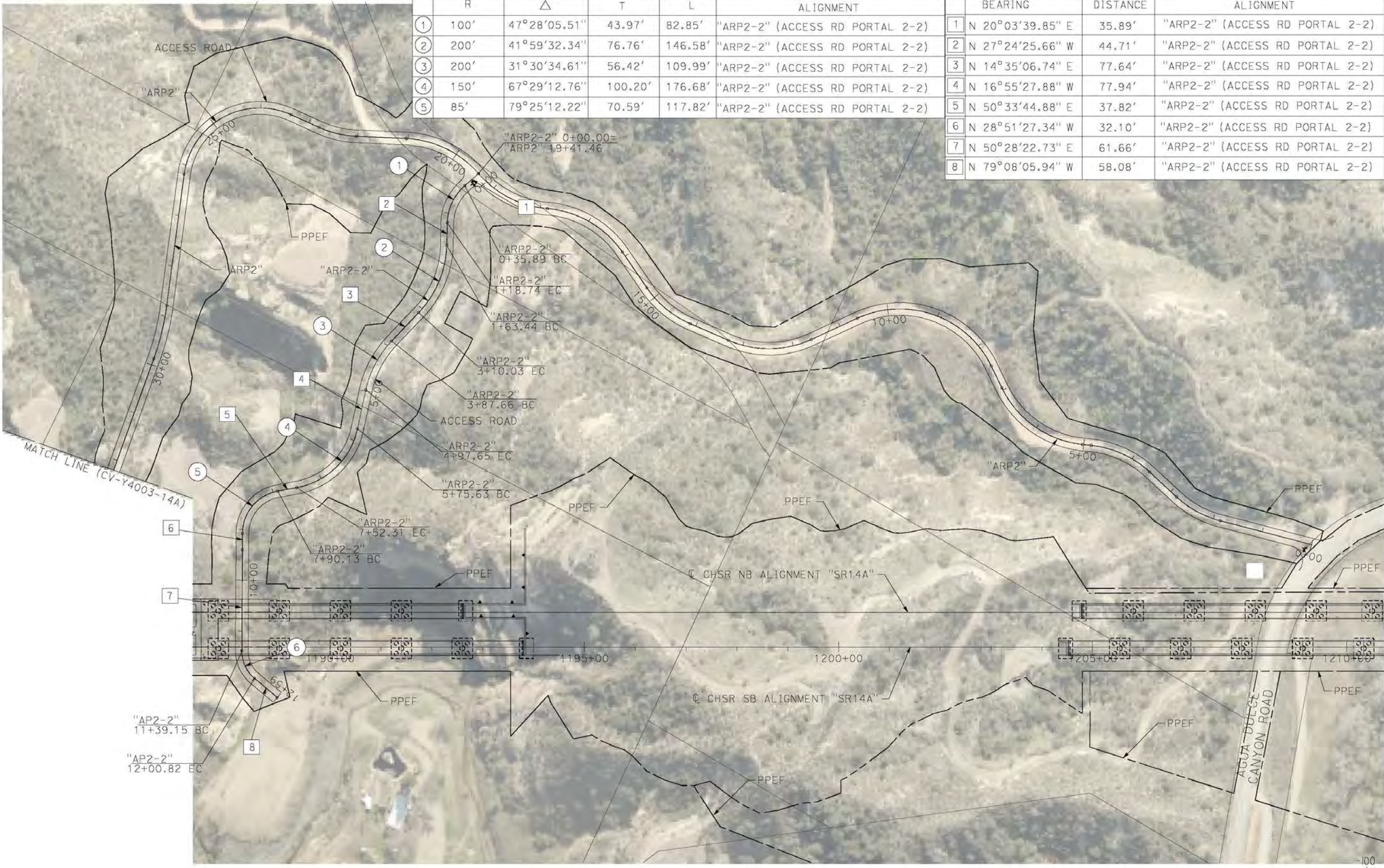
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1/8/2021 5:52:14 PM

cordoba

CURVE DATA				
	R	Δ	T	L
①	100'	47°28'05.51"	43.97'	82.85'
②	200'	41°59'32.34"	76.76'	146.58'
③	200'	31°30'34.61"	56.42'	109.99'
④	150'	67°29'12.76"	100.20'	176.68'
⑤	85'	79°25'12.22"	70.59'	117.82'

LINE DATA		
	BEARING	DISTANCE
1	N 20°03'39.85" E	35.89'
2	N 27°24'25.66" W	44.71'
3	N 14°35'06.74" E	77.64'
4	N 16°55'27.88" W	77.94'
5	N 50°33'44.88" E	37.82'
6	N 28°51'27.34" W	32.10'
7	N 50°28'22.73" E	61.66'
8	N 79°08'05.94" W	58.08'

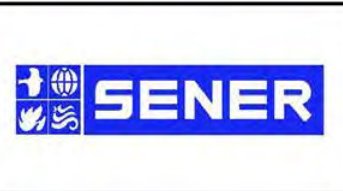


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DESIGNED BY
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D. CORDOBA
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R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
ACCESS ROAD PLAN
PORTAL 2 (3/3)

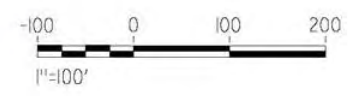
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4004A-14A
SCALE
AS SHOWN
SHEET NO.

ct:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\california\cordoba\dms28528\VPB-CV-Y4005-14A.dgn

1/8/2021 5:54:17 PM

cordoba

CURVE DATA					LINE DATA			
	R	Δ	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
①	150'	42°45'17.27"	58.72'	111.93'	"ARP3" (ACCESS ROAD PORTAL 3)	1 N 60°39'28.30" E	162.02'	"ARP3" (ACCESS ROAD PORTAL 3)
②	130'	108°46'48.95"	181.52'	246.82'	"ARP3" (ACCESS ROAD PORTAL 3)	2 S 76°35'14.43" E	366.86'	"ARP3" (ACCESS ROAD PORTAL 3)
						3 S 32°11'34.53" W	367.98'	"ARP3" (ACCESS ROAD PORTAL 3)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
F. DE JESUS
DRAWN BY
D. CORDOBA
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



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

ALIGNMENT "SR14A"
ACCESS ROAD PLAN
PORTAL 3

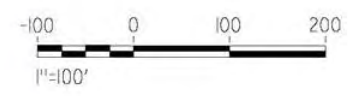
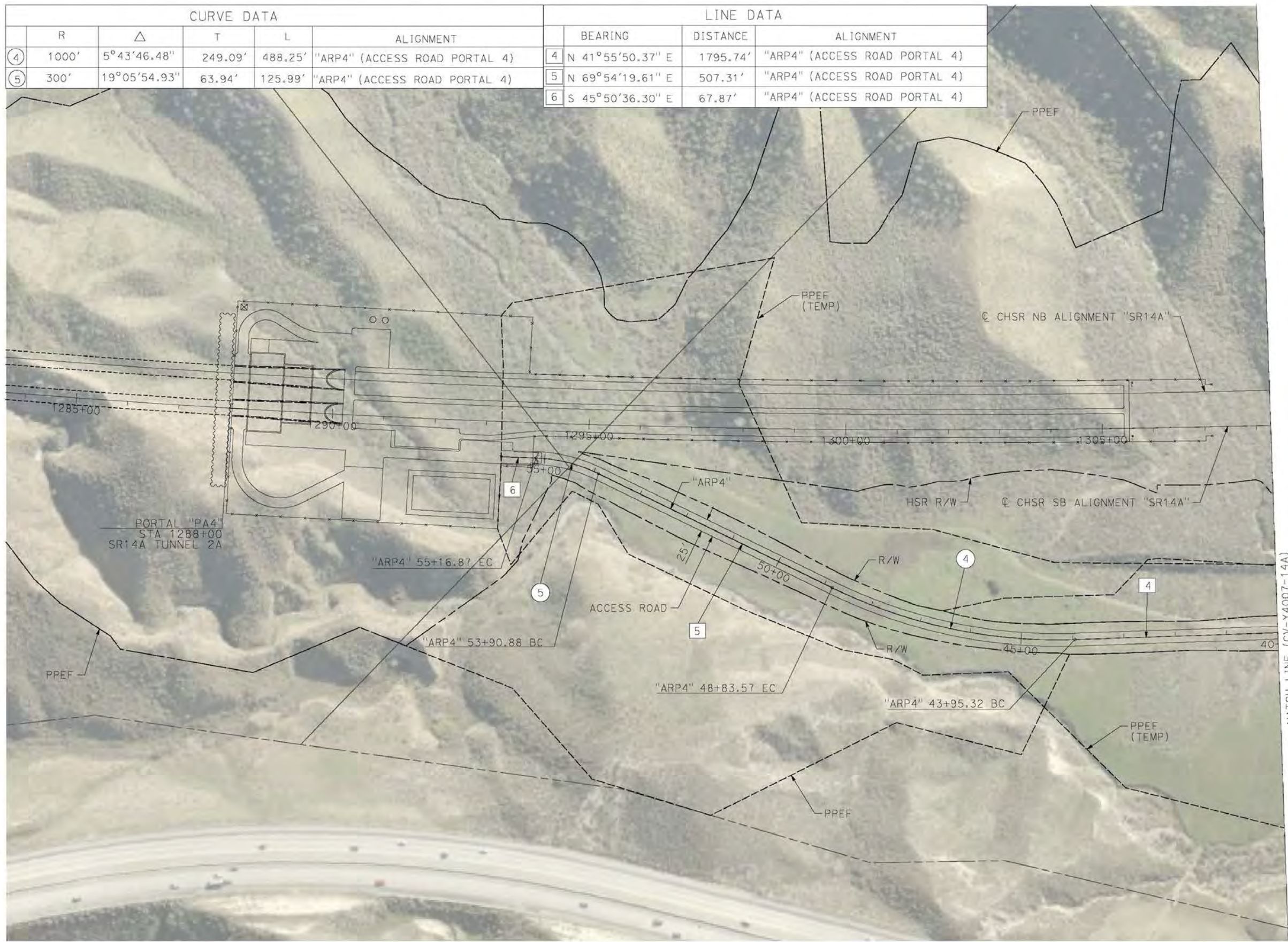
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4005-14A
SCALE
AS SHOWN
SHEET NO.

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1/25/2021 2:51:01 PM

cordoba

CURVE DATA					LINE DATA			
	R	Δ	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
④	1000'	5°43'46.48"	249.09'	488.25'	"ARP4" (ACCESS ROAD PORTAL 4)	4 N 41°55'50.37" E	1795.74'	"ARP4" (ACCESS ROAD PORTAL 4)
⑤	300'	19°05'54.93"	63.94'	125.99'	"ARP4" (ACCESS ROAD PORTAL 4)	5 N 69°54'19.61" E	507.31'	"ARP4" (ACCESS ROAD PORTAL 4)
						6 S 45°50'36.30" E	67.87'	"ARP4" (ACCESS ROAD PORTAL 4)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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D. CORDOBA
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R. RODRIGUEZ
IN CHARGE
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DATE
02/26/2021

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

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

ALIGNMENT "SR14A"
ACCESS ROAD PLAN
PORTAL 4 (1/3)

CONTRACT NO.
HSR14-42

DRAWING NO.
CV-Y4006-14A

SCALE
AS SHOWN

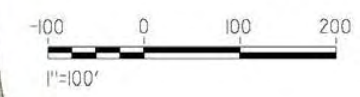
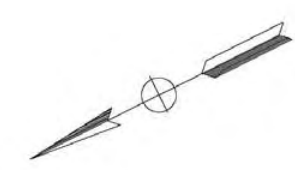
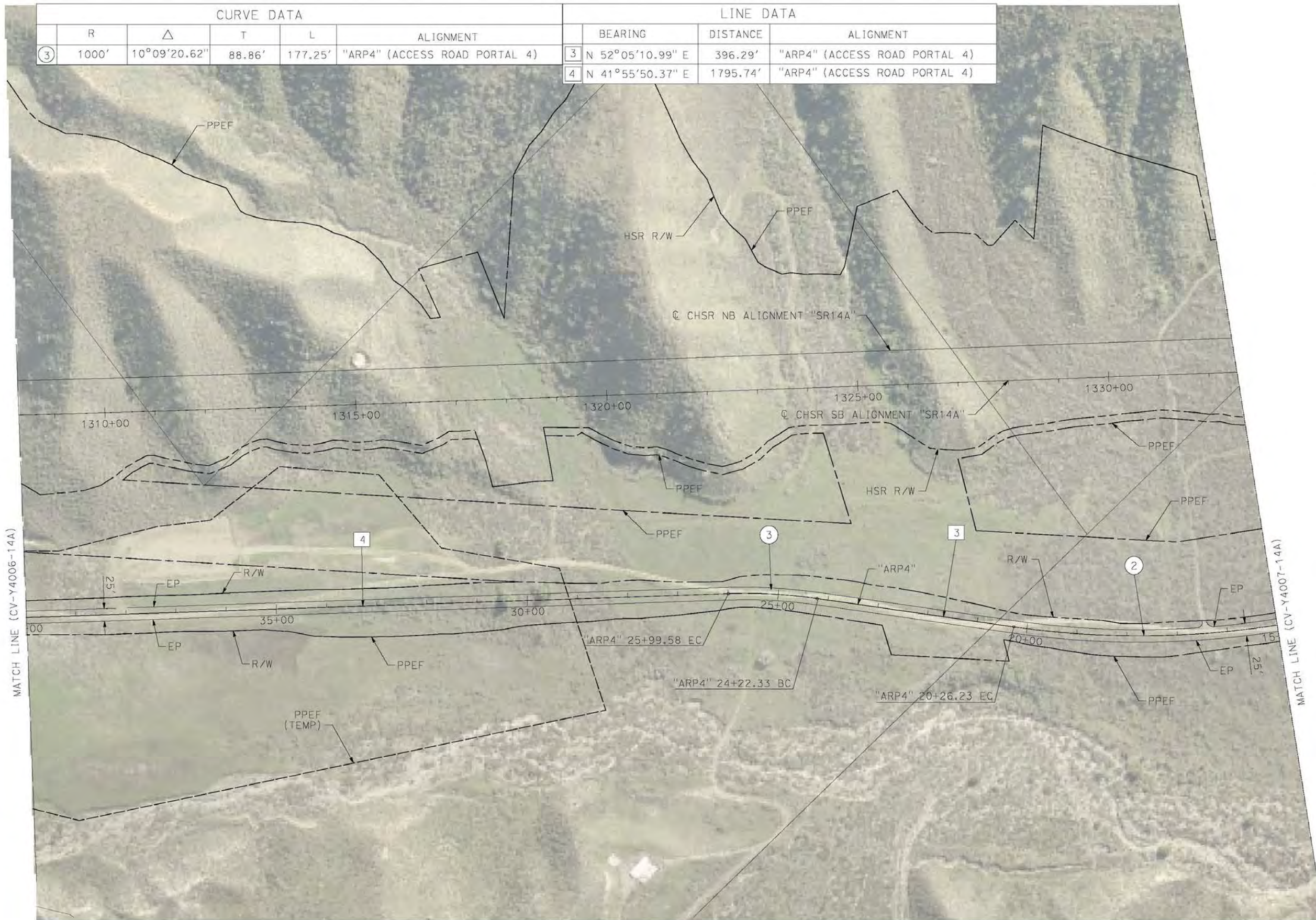
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1/8/2021 5:59:01 PM

cordoba

CURVE DATA					LINE DATA		
R	Δ	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
1000'	10°09'20.62"	88.86'	177.25'	"ARP4" (ACCESS ROAD PORTAL 4)	3 N 52°05'10.99" E	396.29'	"ARP4" (ACCESS ROAD PORTAL 4)
					4 N 41°55'50.37" E	1795.74'	"ARP4" (ACCESS ROAD PORTAL 4)



REV	DATE	BY	CHK	APP	DESCRIPTION

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D. CORDOBA
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R. RODRIGUEZ
IN CHARGE
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DATE
02/26/2021

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

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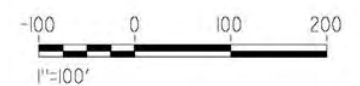
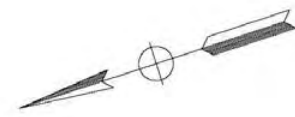


**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

ALIGNMENT "SR14A"
ACCESS ROAD PLAN
PORTAL 4 (2/3)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4007-14A
SCALE
AS SHOWN
SHEET NO.

CURVE DATA					LINE DATA			
	R	Δ	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
①	500'	27°00'26.53"	120.07'	235.68'	"ARP4" (ACCESS ROAD PORTAL 4)	1 N 44°57'18.44" E	672.78'	"ARP4" (ACCESS ROAD PORTAL 4)
②	1750'	34°08'19.08"	537.34'	246.82'	"ARP4" (ACCESS ROAD PORTAL 4)	2 N 17°56'51.91" E	75.05'	"ARP4" (ACCESS ROAD PORTAL 4)



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cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

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SR14A/E1A/E2A**

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

ALIGNMENT "SR14A"
ACCESS ROAD PLAN
PORTAL 4 (3/3)

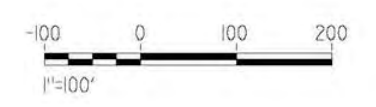
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HSR14-42
DRAWING NO.
CV-Y4008-14A
SCALE
AS SHOWN
SHEET NO.

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1/8/2021 6:04:49 PM

cordoba

CURVE DATA					LINE DATA			
	R	Δ	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
①	150'	71°55'54.56"	108.84'	188.32'	"ARP9" (ACCESS ROAD PORTAL 9)	1 S 36°27'59.78" E	593.64'	"ARP9" (ACCESS ROAD PORTAL 9)
②	200'	53°30'49.25"	100.84'	186.79'	"ARP9" (ACCESS ROAD PORTAL 9)	2 S 89°58'49.03" E	169.13'	"ARP9" (ACCESS ROAD PORTAL 9)



REV	DATE	BY	CHK	APP	DESCRIPTION

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

**NOT FOR
CONSTRUCTION**



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

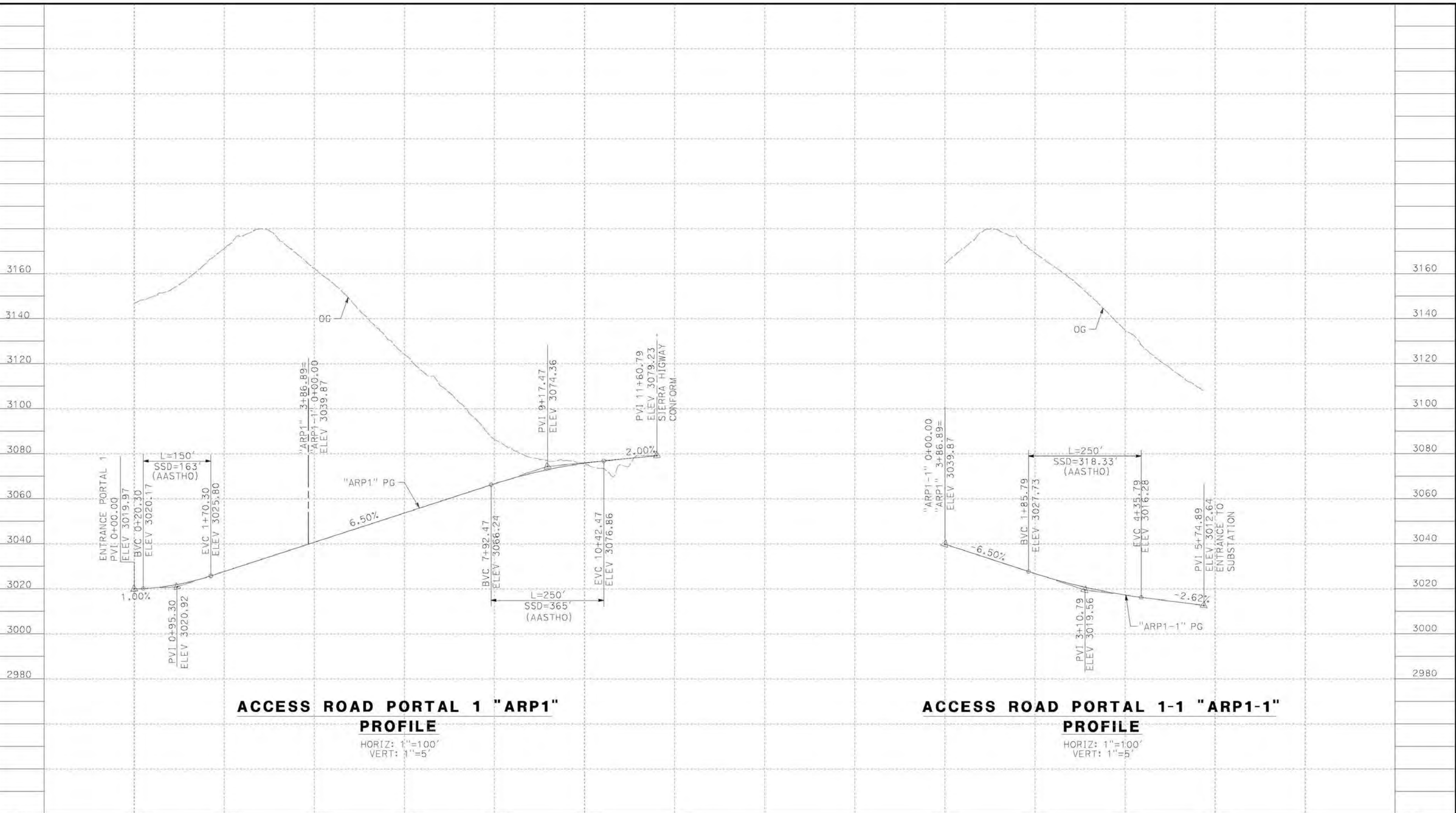
ALIGNMENT "SR14A"
ACCESS ROAD PLAN
PORTAL 9

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y4009-14A
SCALE
AS SHOWN
SHEET NO.

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2/4/2021 2:21:38 PM

corcoba



ACCESS ROAD PORTAL 1 "ARP1" PROFILE

HORIZ: 1"=100'
VERT: 1"=5'

ACCESS ROAD PORTAL 1-1 "ARP1-1" PROFILE

HORIZ: 1"=100'
VERT: 1"=5'

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

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IN CHARGE
A. RELANO
DATE
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CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
ACCESS ROAD PROFILE
PORTAL 1

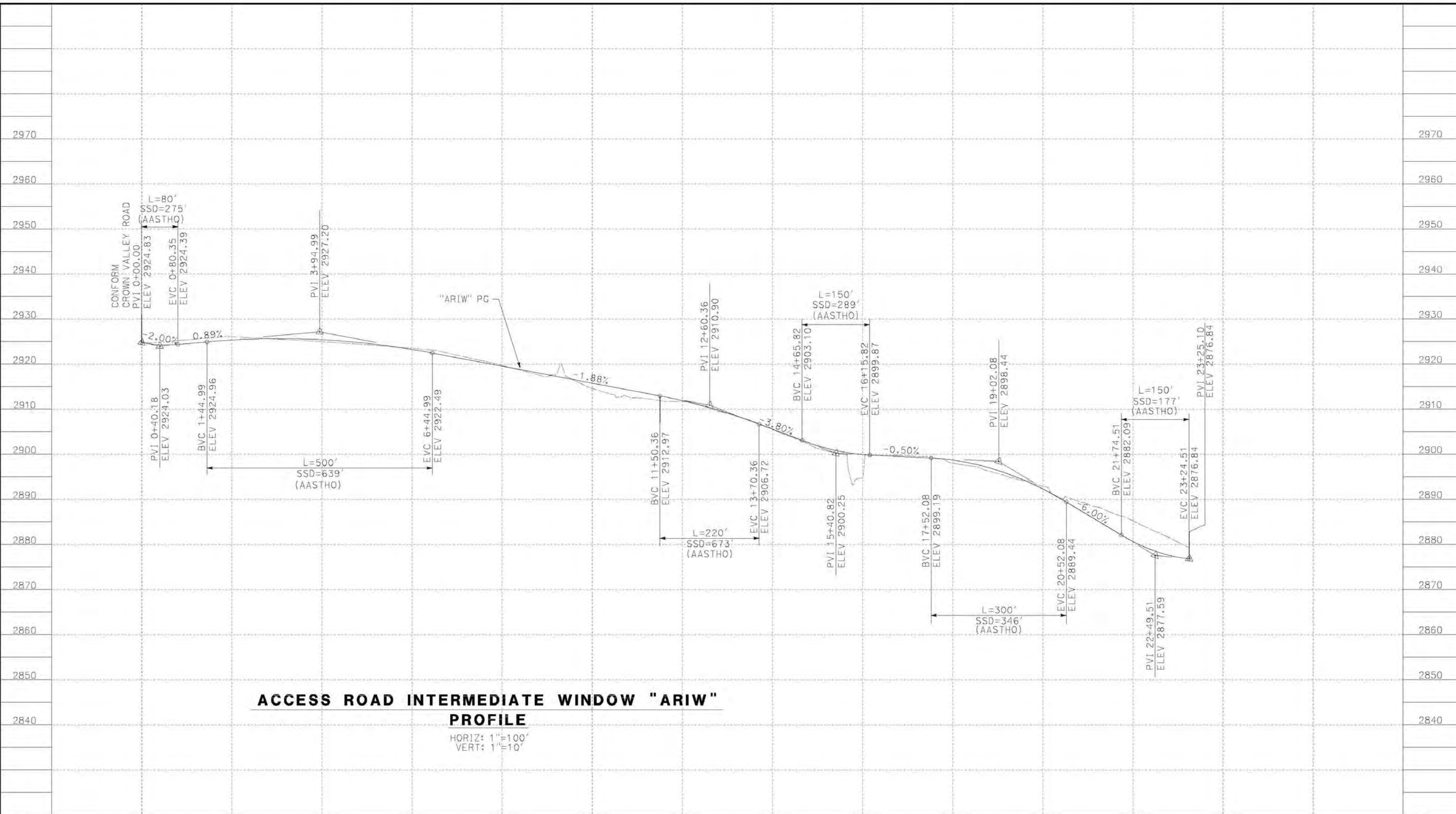
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1001-14A
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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2/4/2021 2:01:51 PM

corcoba



ACCESS ROAD INTERMEDIATE WINDOW "ARIW" PROFILE

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

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	24+00	TOTAL
Exc														
Emb														

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IN CHARGE
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CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
ACCESS ROAD PROFILE
INTERMEDIATE WINDOW

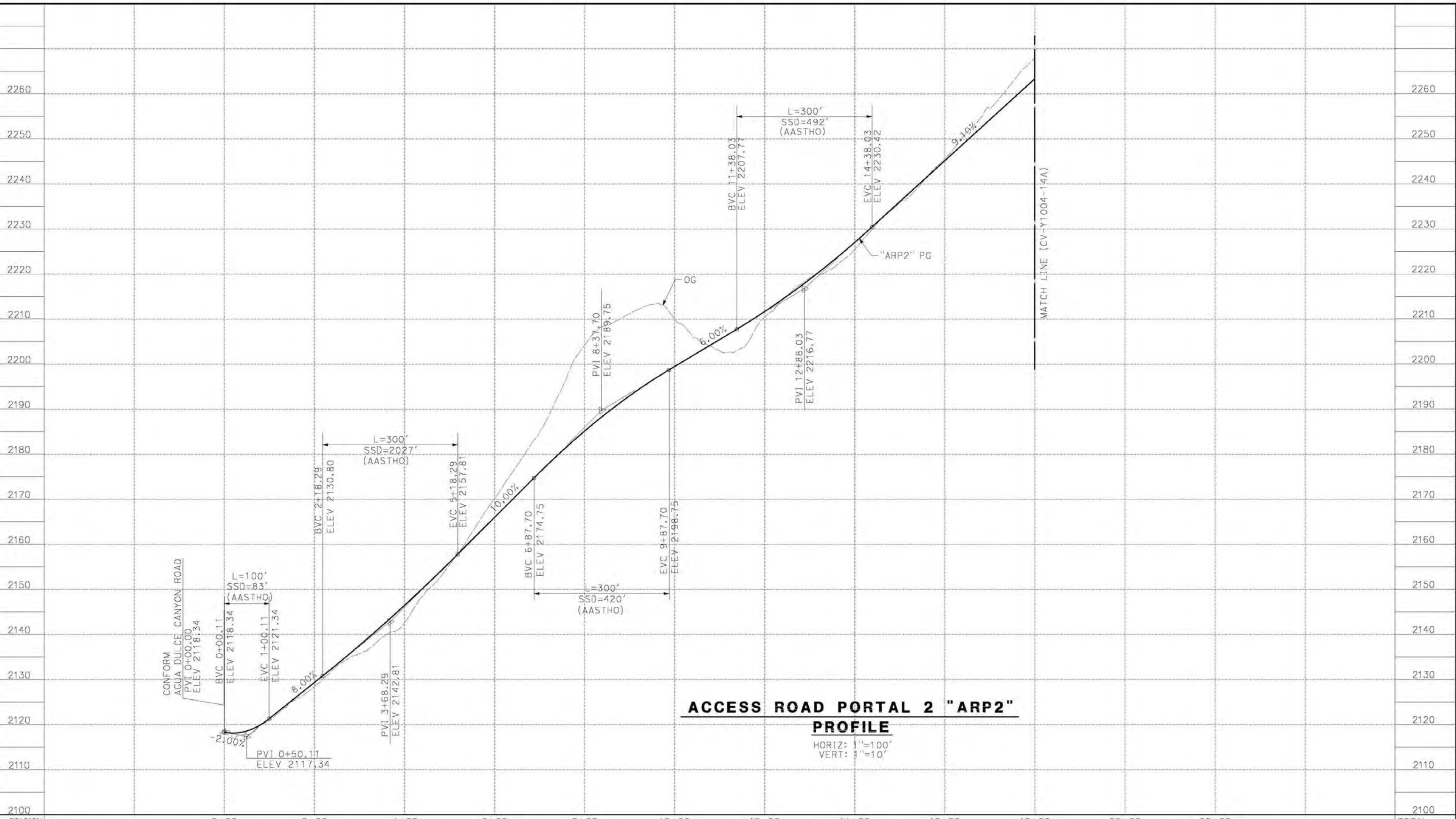
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1002-14A
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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corcoba



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
Exc													
Emb													

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 IN CHARGE
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CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "SR14A"
 ACCESS ROAD PROFILE
 PORTAL 2 (1/3)

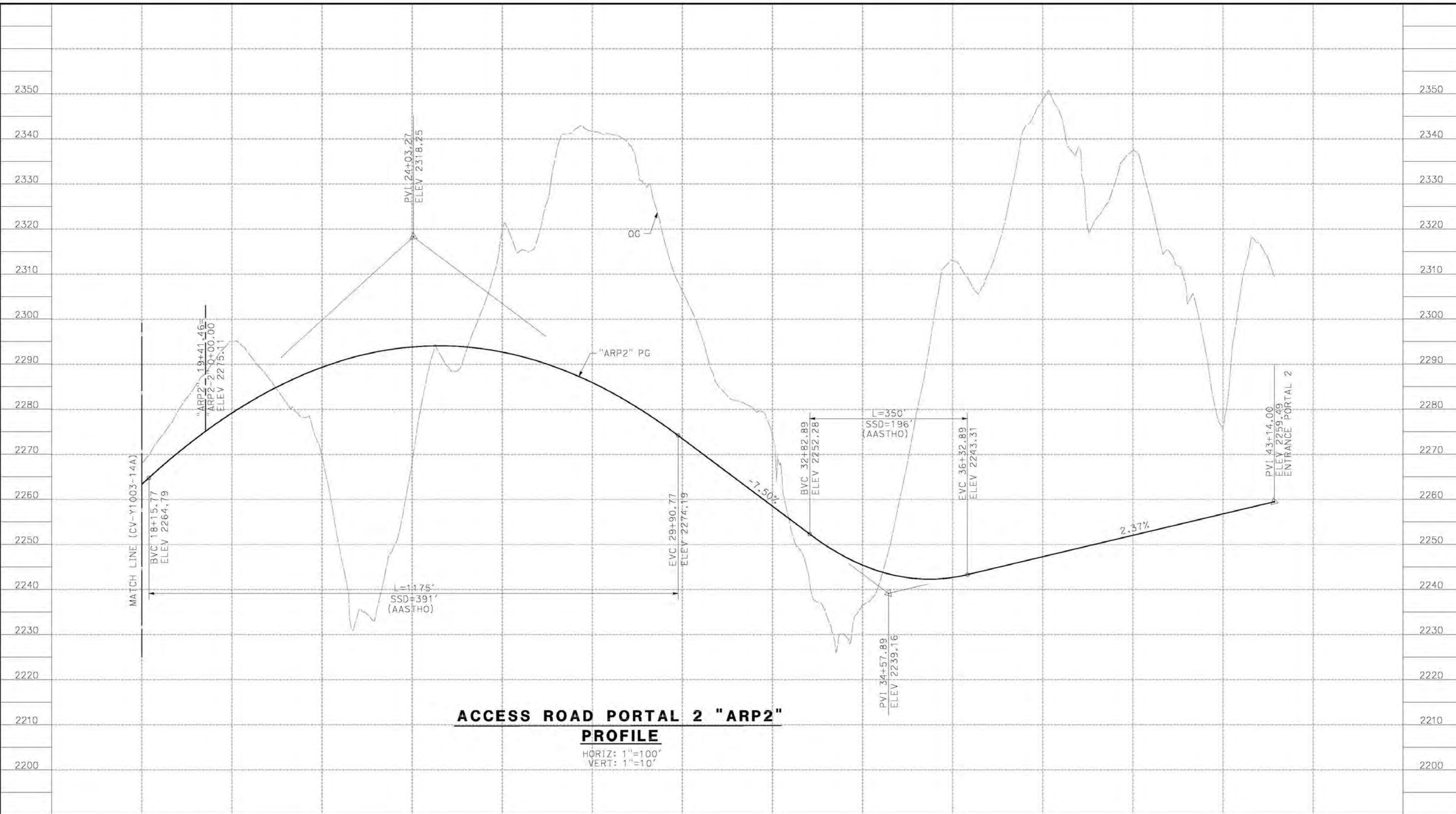
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-Y1003-14A
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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1/8/2021 2:07:08 PM

cordo



ACCESS ROAD PORTAL 2 "ARP2"

PROFILE

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

STATION	18+00	20+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														2180

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DATE
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CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
ACCESS ROAD PROFILE
PORTAL 2 (2/3)

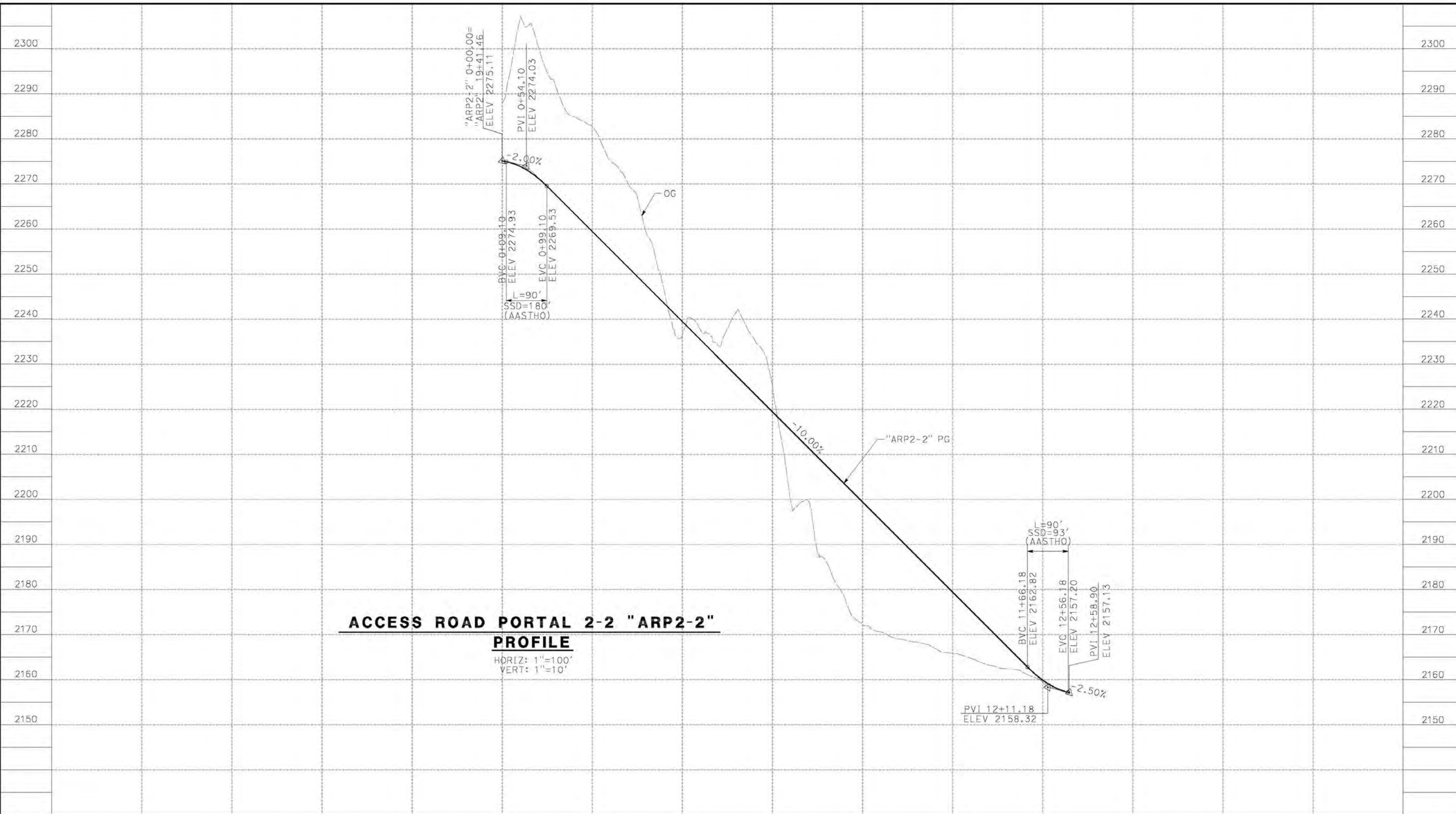
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1004-14A
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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1/8/2021 8:07:43 AM

corcoba



ACCESS ROAD PORTAL 2-2 "ARP2-2" PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'

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

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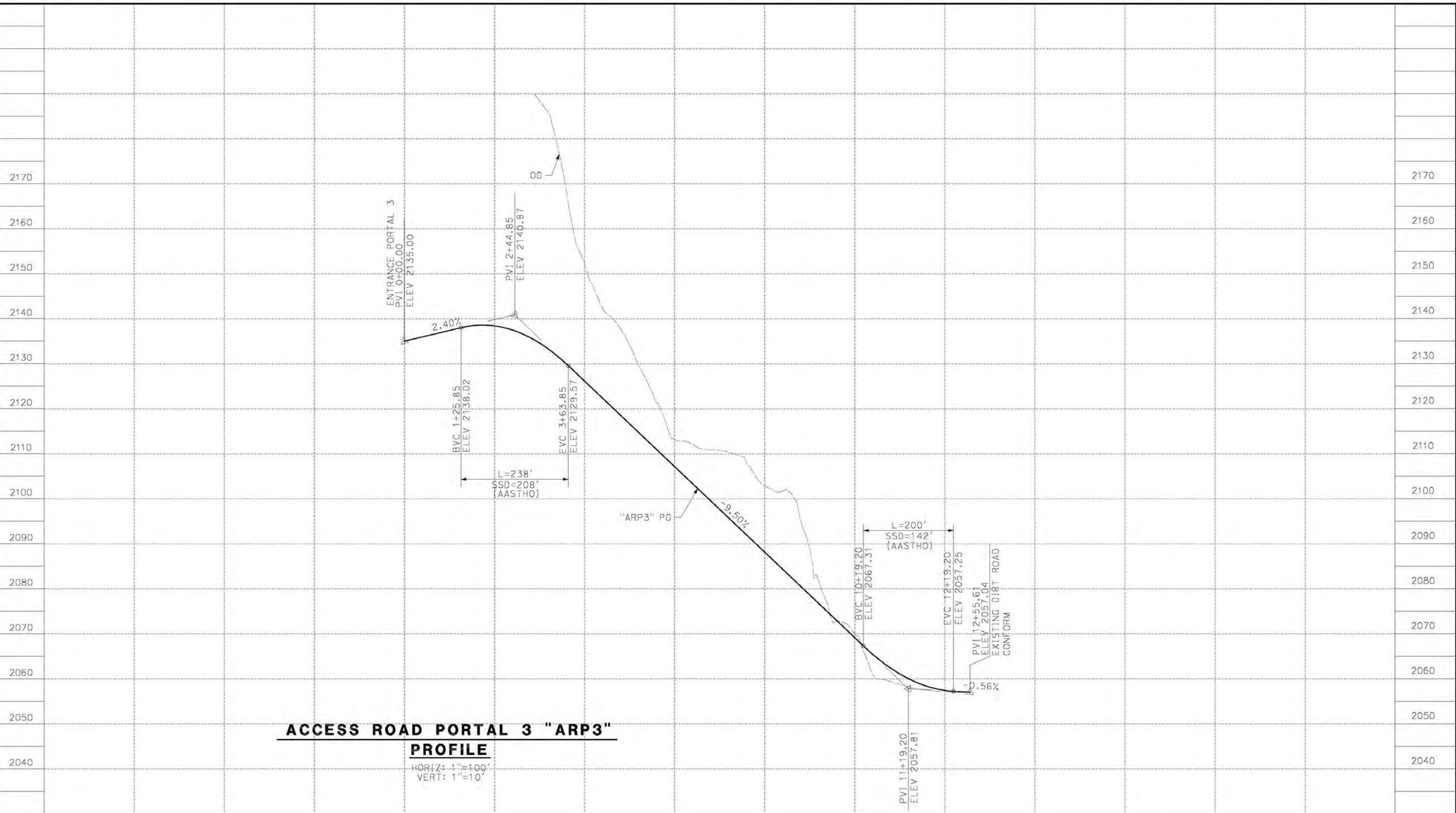
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "SR14A"
 ACCESS ROAD PROFILE
 PORTAL 2 (3/3)

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-Y1005-14A
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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1/8/2021 8:10:09 AM

corcoba



ACCESS ROAD PORTAL 3 "ARP3" PROFILE

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

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

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CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
ACCESS ROAD PROFILE
PORTAL 3

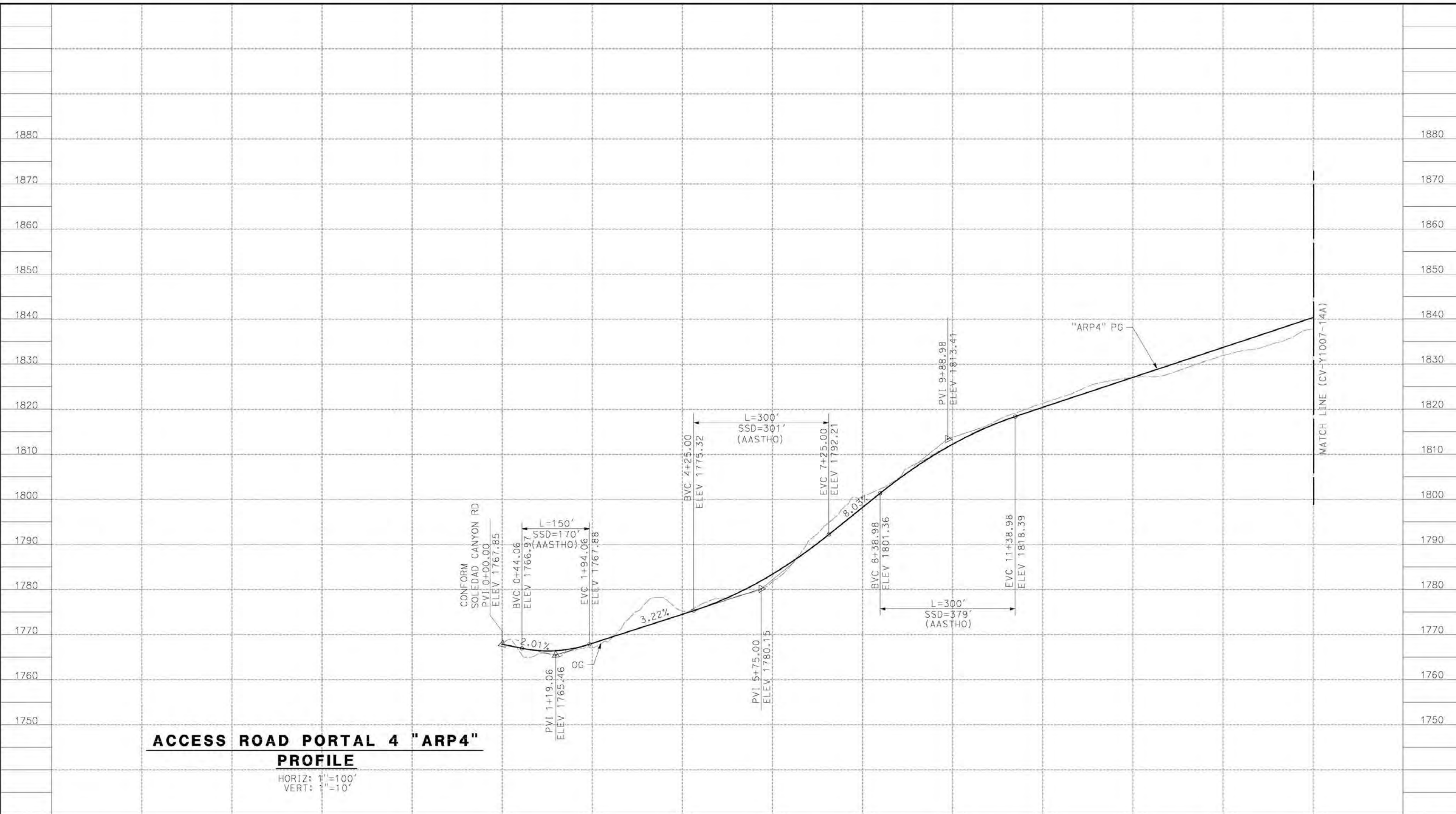
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DRAWING NO.
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SCALE
AS SHOWN
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REV	DATE	BY	CHK	APP	DESCRIPTION

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1/8/2021 2:10:05 PM

cordo



ACCESS ROAD PORTAL 4 "ARP4" PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'

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

REV	DATE	BY	CHK	APP	DESCRIPTION

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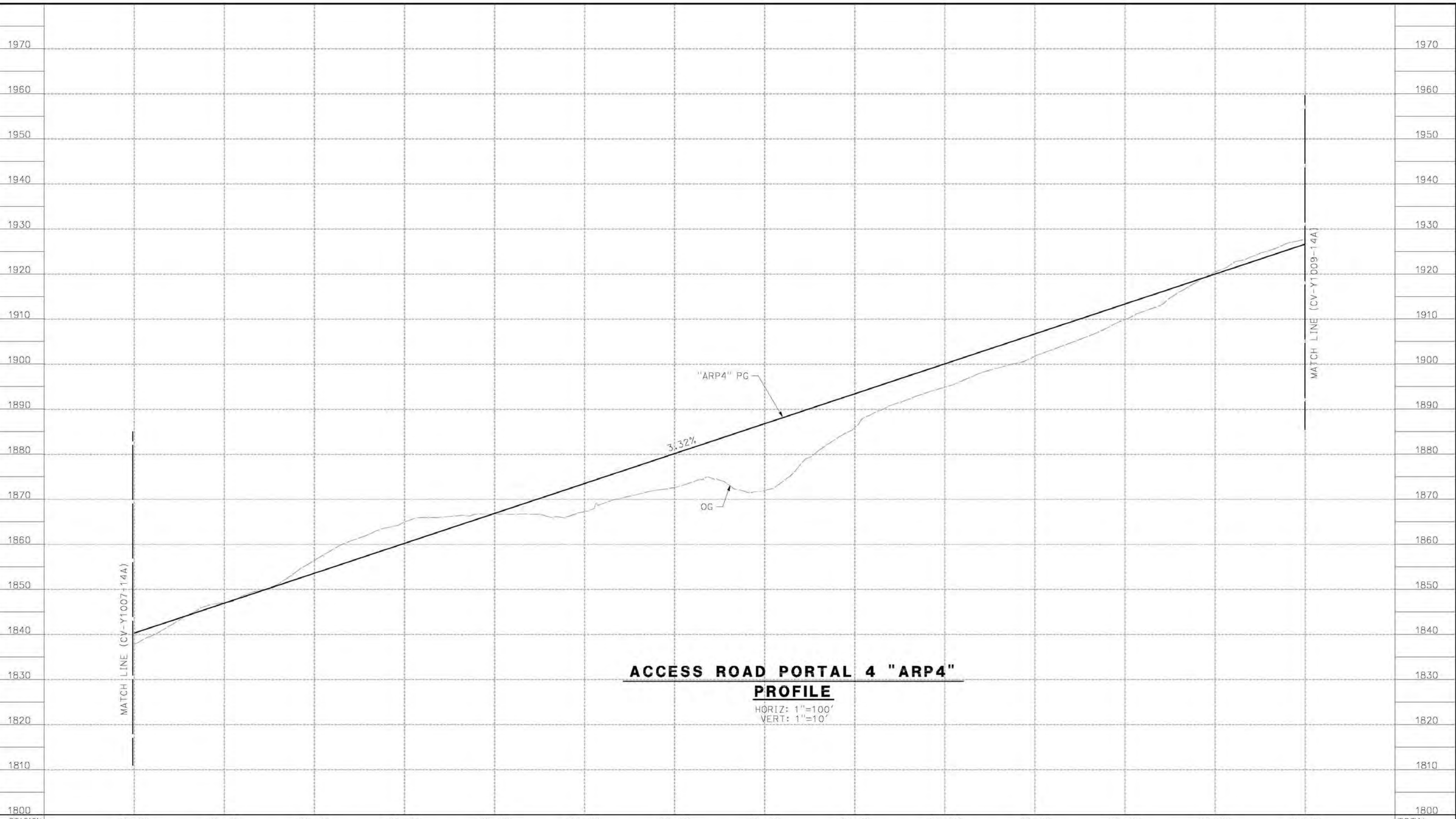
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "SR14A"
 ACCESS ROAD PROFILE
 PORTAL 4 (1/3)

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-Y1007-14A
 SCALE
AS SHOWN
 SHEET NO.

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1/8/2021 8:20:55 AM

cordo



**ACCESS ROAD PORTAL 4 "ARP4"
PROFILE**

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

STATION	18+00	20+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
Exc															
Emb															

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CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
ACCESS ROAD PROFILE
PORTAL (2/3)

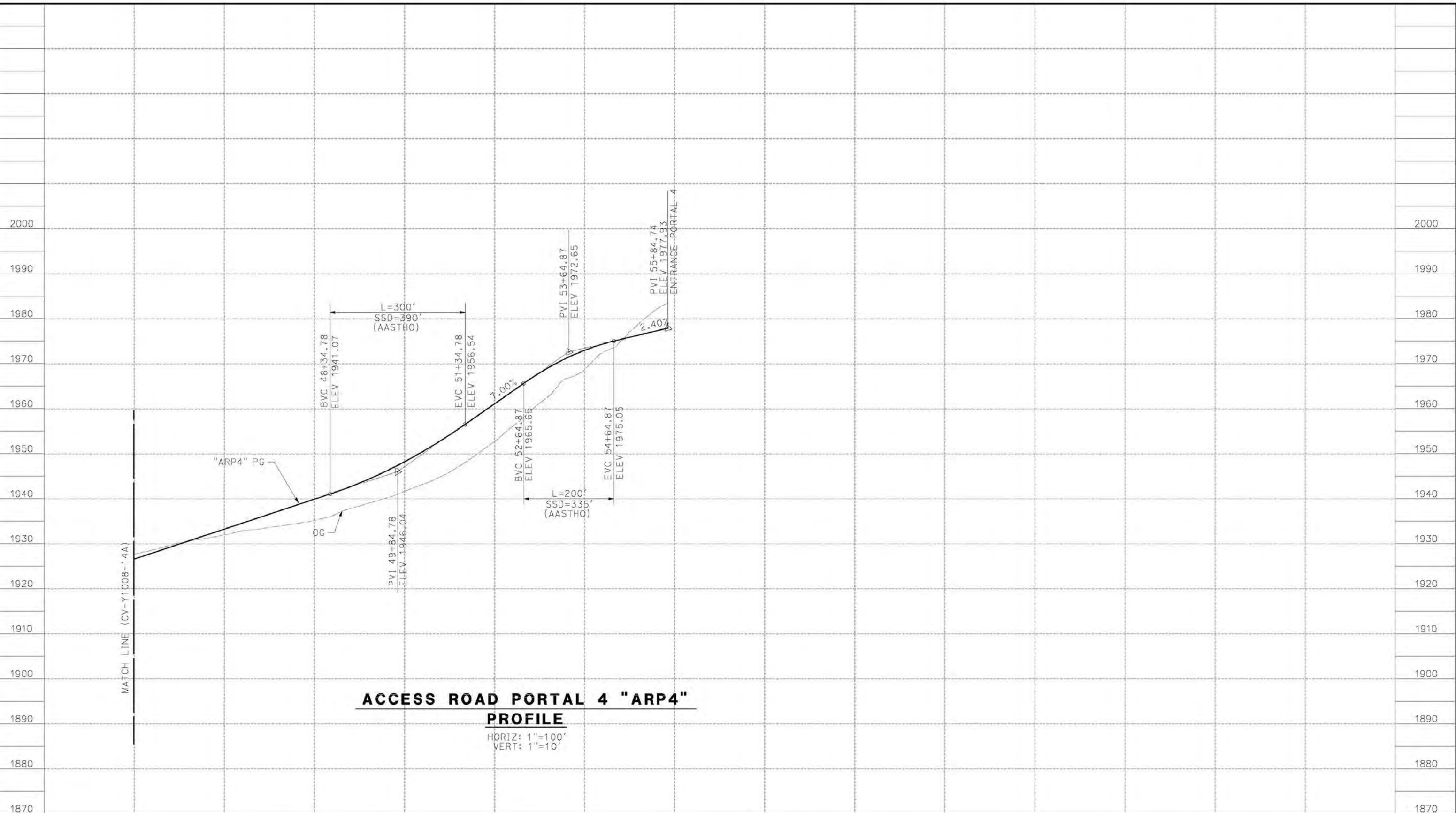
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1008-14A
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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1/8/2021 1:54:24 PM

corcoba



**ACCESS ROAD PORTAL 4 "ARP4"
PROFILE**

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

STATION	44+00	46+00	48+00	50+00	52+00	54+00	56+00	58+00	60+00	TOTAL
CY	Exc									
	Emb									

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CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
ACCESS ROAD PROFILE
PORTAL 4 (3/3)

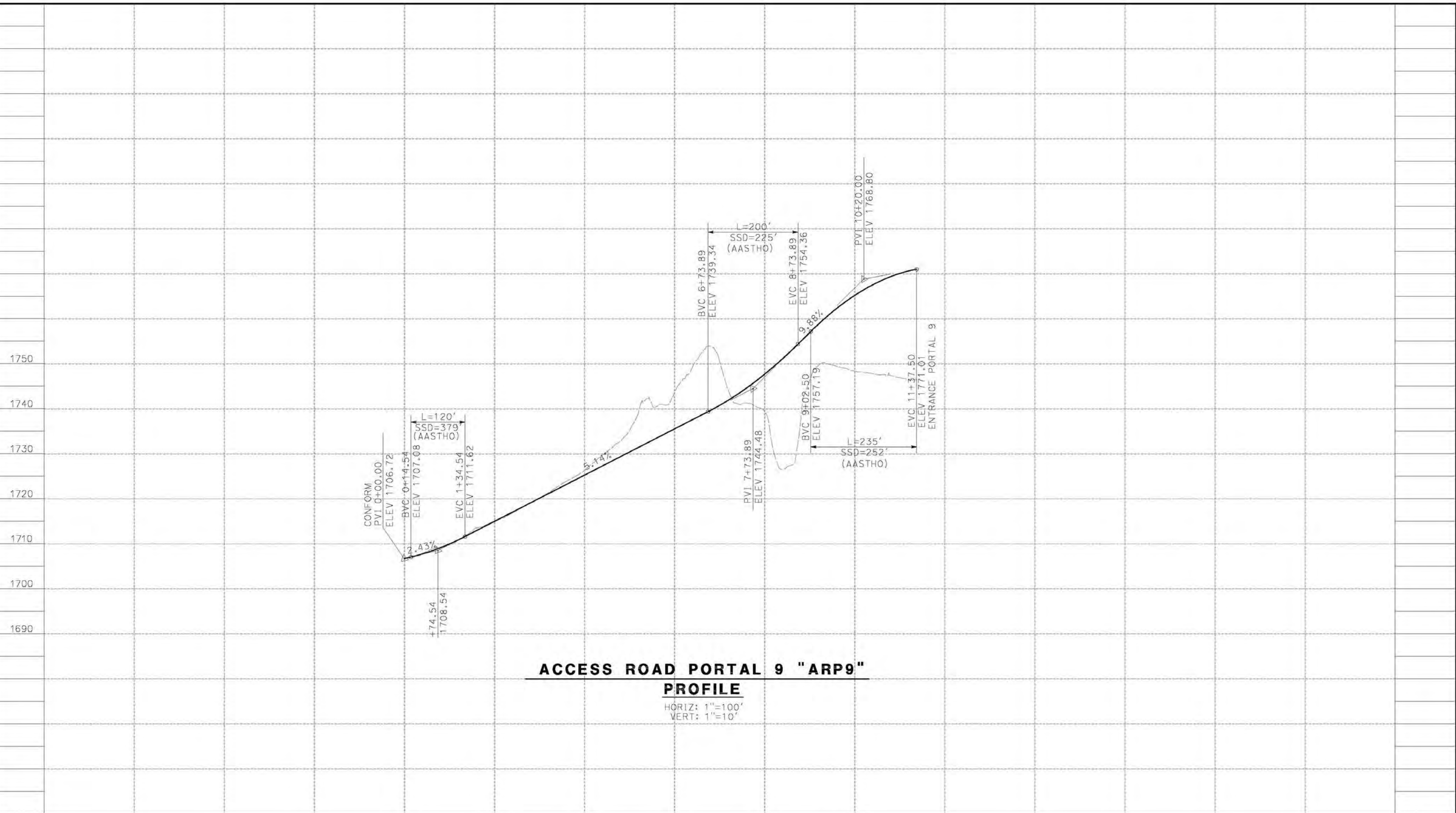
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HSR14-42
DRAWING NO.
CV-Y1009-14A
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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1/8/2021 1:56:25 PM

cordo



ACCESS ROAD PORTAL 9 "ARP9"
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'

STATION	0+00	2+00	4+00	6+00	8+00	60+00	TOTAL
Exc							
Emb							

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D.CORDOBA
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 IN CHARGE
A.RELANO
 DATE
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CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "SR14A"
 ACCESS ROAD PROFILE
 PORTAL 9

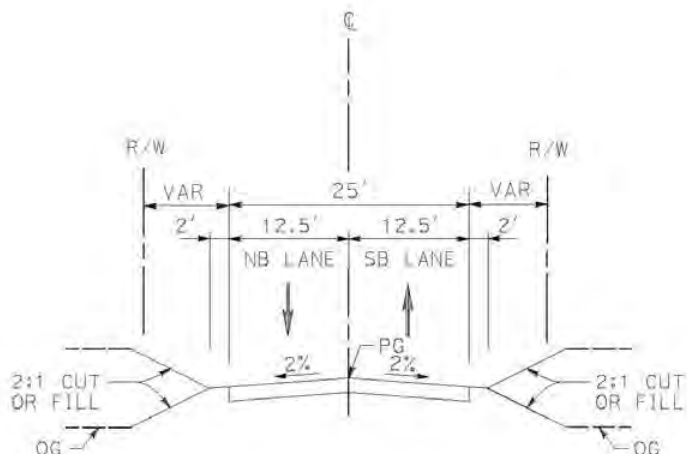
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-Y1010-14A
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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12/25/2020 7:59:00 AM

cordo



ACCESS ROADS SR14A PORTALS

- PORTAL 1
STA 0+00.00 TO STA 11+60.79 (ACCESS ROAD 1)
STA 0+00.00 TO STA 5+74.89 (ACCESS ROAD 1-1)
- PORTAL 2
STA 0+00.00 TO STA 43+14.00 (ACCESS ROAS 2)
STA 0+00.00 TO STA 12+58.90 (ACCESS ROAD 2-2)
- PORTAL 3
STA 0+00.00 TO STA 12+55.61
- PORTAL 4
STA 0+00.00 TO STA 55+84.74
- INTERMEDIATE WINDOW
STA 0+00.00 TO STA 23+25.10
- PORTAL 9
STA 0+00.00 TO 11+37.50

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
F.DEJESUS
DRAWN BY
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DATE
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PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

NOT FOR
CONSTRUCTION



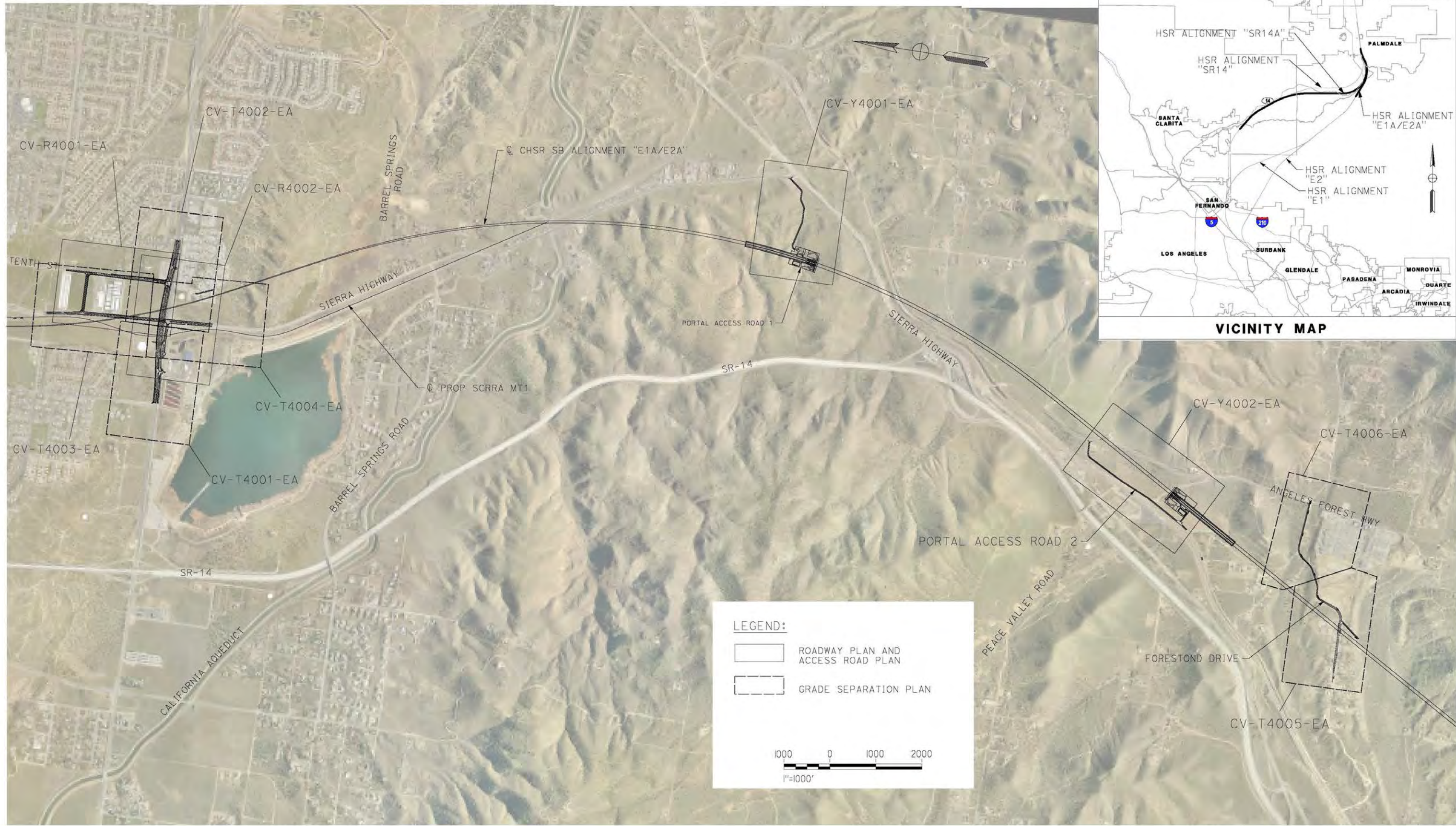
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
ACCESS ROADS TYPICAL SECTIONS
PORTALS SR41A

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y3001-14A
SCALE
AS SHOWN
SHEET NO.

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1/25/2021 4:52:09 PM

cordo



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1A/E2A"
ROADWAYS AND GRADE SEPARATIONS
KEY MAP

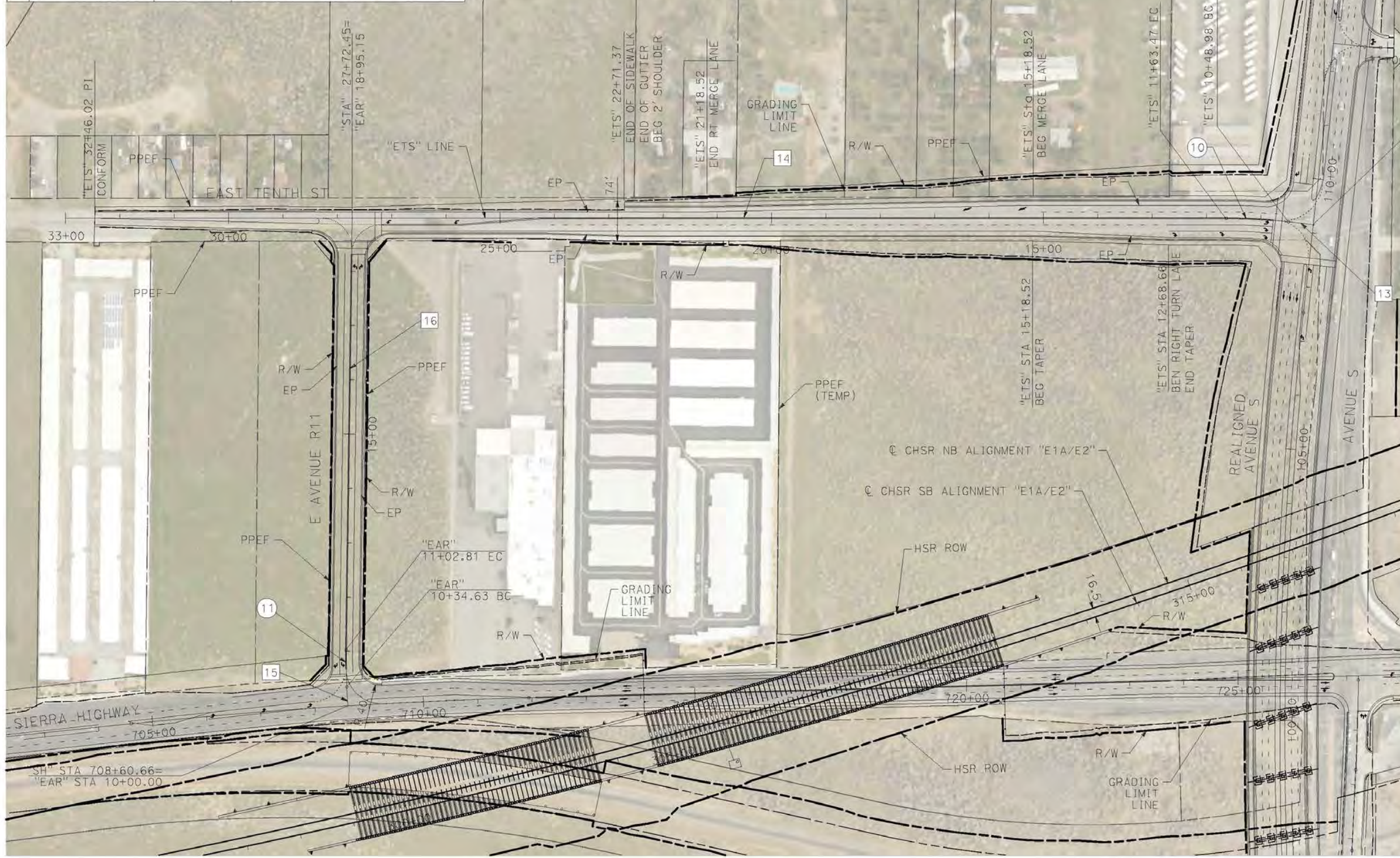
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HSR14-42
DRAWING NO.
CV-B0001-EA
SCALE
AS SHOWN
SHEET NO.

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3/4/2021 3:38:07 PM

cordo

LINE DATA			CURVE DATA						
	BEARING	DISTANCE	ALIGNMENT	R	Δ	L	ALIGNMENT		
13	N 5°45'15.21" E	48.98'	"ETS" (EAST 10TH STREET)	10	1,000'	6°33'33.95"	57.30'	114.45'	"ETS" (EAST TENTH STREET)
14	N 0°48'18.74" W	2136'	"ETS" (EAST TENTH STREET)	11	1,000'	3°54'24.16"	34.11'	68.18'	"EAR" (E AVENUE R11)
15	N 86°05'35.84" E	34.63'	"EAR" (E AVENUE R11)						
16	N 90°00'00.00" E	794.70'	"EAR" (E AVENUE R11)						



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

NOT FOR
CONSTRUCTION



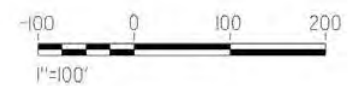
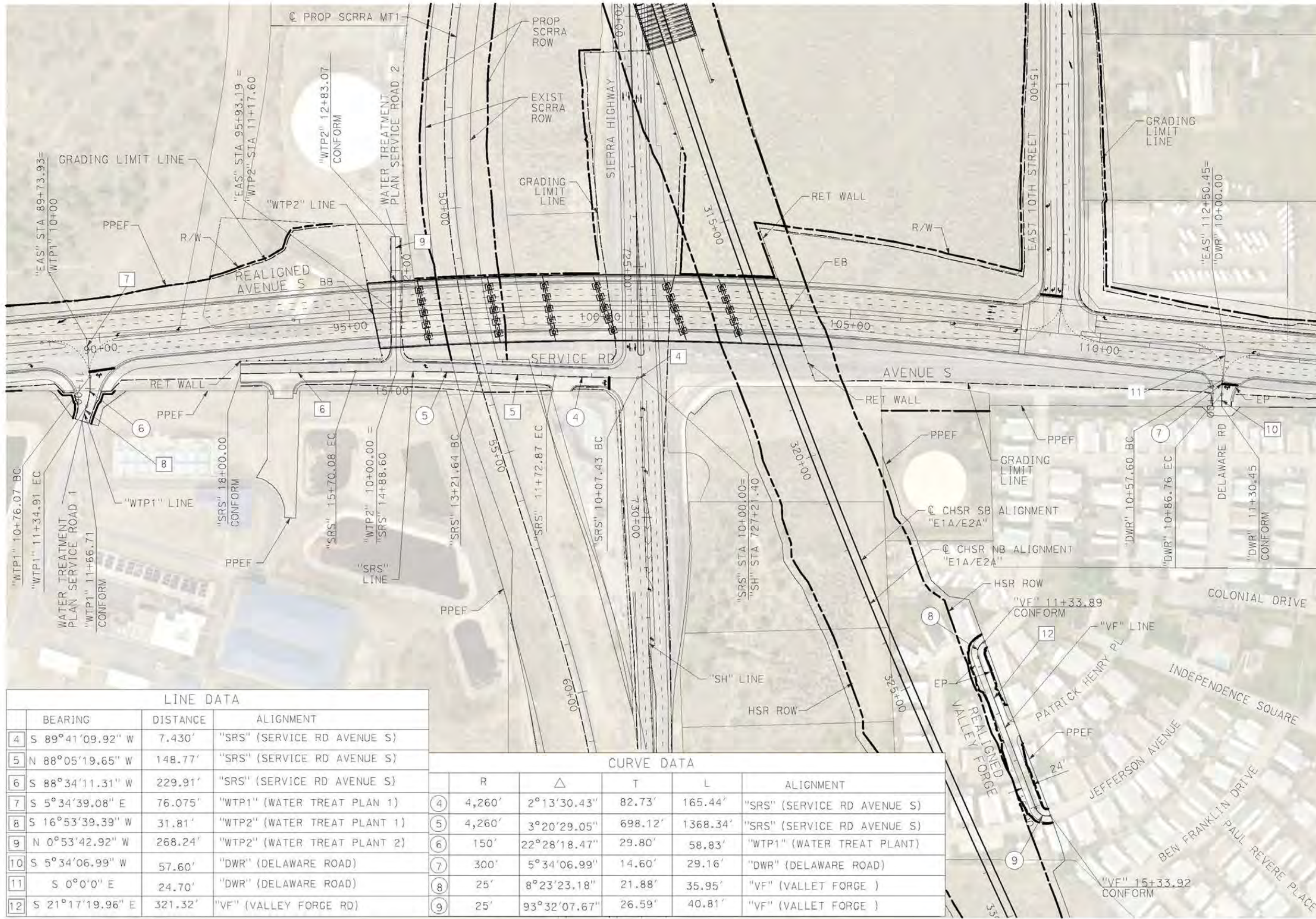
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1A/E2A"
ROADWAY PLAN
EAST 10TH STREET & E AVENUE R11

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R4001-EA
SCALE
AS SHOWN
SHEET NO.

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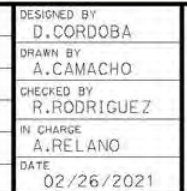
cordo



LINE DATA			
	BEARING	DISTANCE	ALIGNMENT
4	S 89°41'09.92" W	7.430'	"SRS" (SERVICE RD AVENUE S)
5	N 88°05'19.65" W	148.77'	"SRS" (SERVICE RD AVENUE S)
6	S 88°34'11.31" W	229.91'	"SRS" (SERVICE RD AVENUE S)
7	S 5°34'39.08" E	76.075'	"WTP1" (WATER TREAT PLANT 1)
8	S 16°53'39.39" W	31.81'	"WTP2" (WATER TREAT PLANT 1)
9	N 0°53'42.92" W	268.24'	"WTP2" (WATER TREAT PLANT 2)
10	S 5°34'06.99" W	57.60'	"DWR" (DELAWARE ROAD)
11	S 0°0'0" E	24.70'	"DWR" (DELAWARE ROAD)
12	S 21°17'19.96" E	321.32'	"VF" (VALLEY FORGE RD)

CURVE DATA					
	R	Δ	T	L	ALIGNMENT
4	4,260'	2°13'30.43"	82.73'	165.44'	"SRS" (SERVICE RD AVENUE S)
5	4,260'	3°20'29.05"	698.12'	1368.34'	"SRS" (SERVICE RD AVENUE S)
6	150'	22°28'18.47"	29.80'	58.83'	"WTP1" (WATER TREAT PLANT)
7	300'	5°34'06.99"	14.60'	29.16'	"DWR" (DELAWARE ROAD)
8	25'	8°23'23.18"	21.88'	35.95'	"VF" (VALLET FORGE)
9	25'	93°32'07.67"	26.59'	40.81'	"VF" (VALLET FORGE)

DESIGNED BY D.CORDOBA	PEPD RECORD SET ADDENDUM SR14A/E1A/E2A NOT FOR CONSTRUCTION
DRAWN BY A.CAMACHO	
CHECKED BY R.RODRIGUEZ	
IN CHARGE A.RELANO	
DATE 02/26/2021	



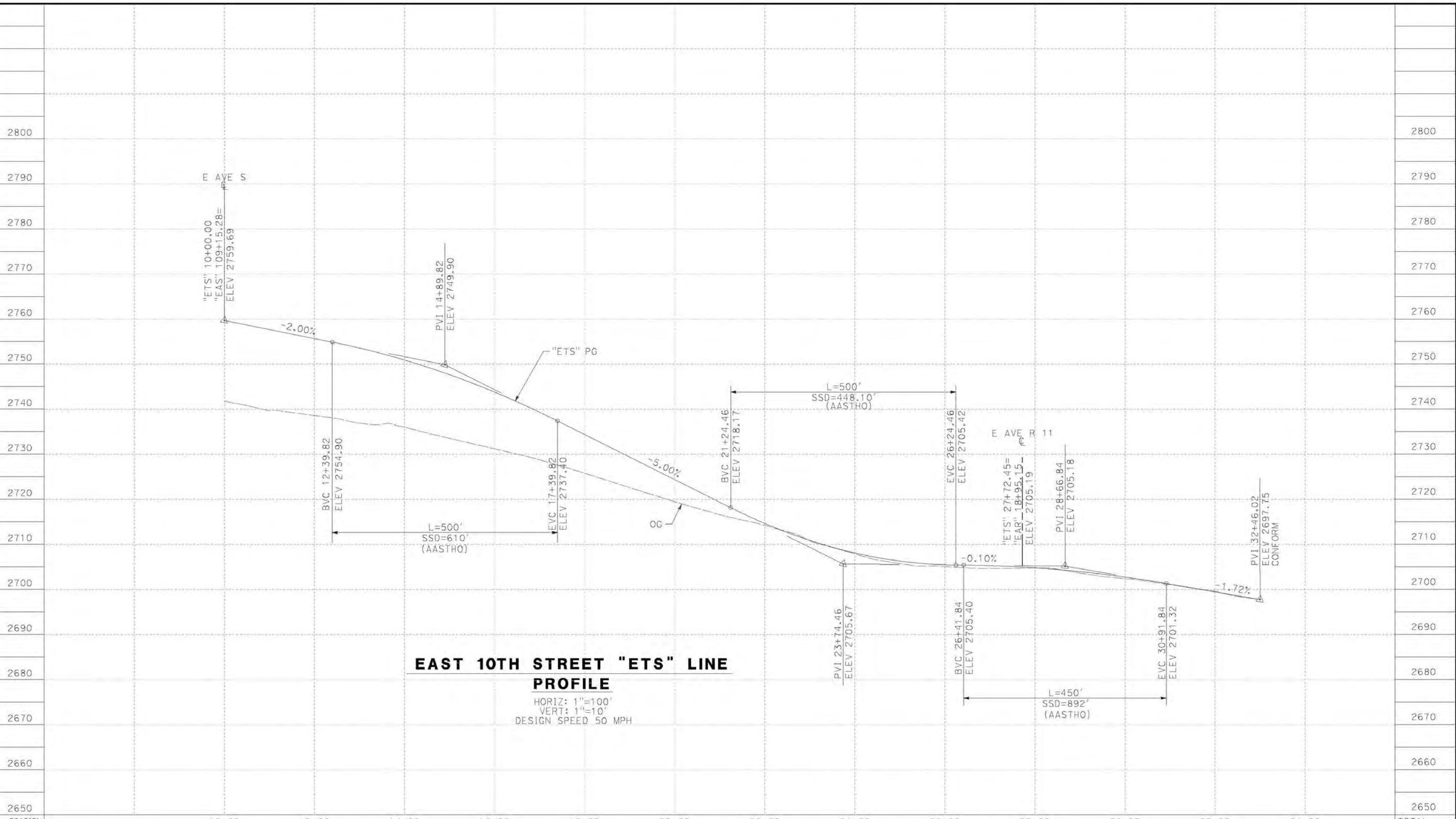
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1A/E2A"
ROADWAY PLAN
WATER TREATMENT ACCESS ROADS, DELAWARE RD &
VALLEY FORGE RD

CONTRACT NO. HSR14-42
DRAWING NO. CV-R4002-EA
SCALE AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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12/29/2020 3:36:32 AM cordo



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

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

**PEPD RECORD SET
 ADDENDUM
 SR14A/E1A/E2A**
**NOT FOR
 CONSTRUCTION**



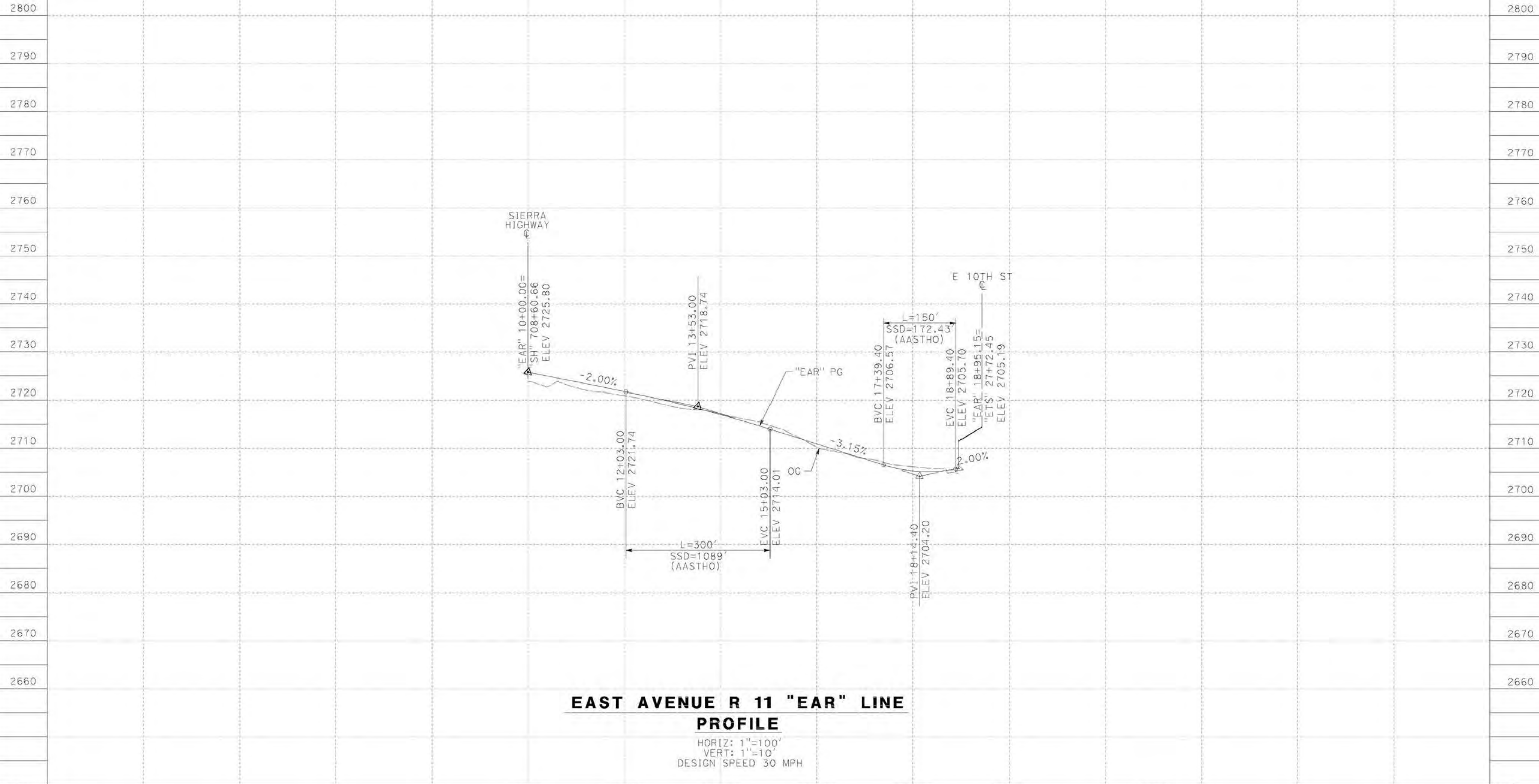
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1A/E2A"
 ROADWAY PROFILE
 EAST 10TH STREET

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R1001-EA
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



**EAST AVENUE R 11 "EAR" LINE
PROFILE**

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

STATION		10+00	12+00	14+00	16+00	18+00	20+00	23+00	TOTAL
Exc									
Emb									

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

NOT FOR
CONSTRUCTION



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1A/E2A"
ROADWAY PROFILE
E AVENUE R11

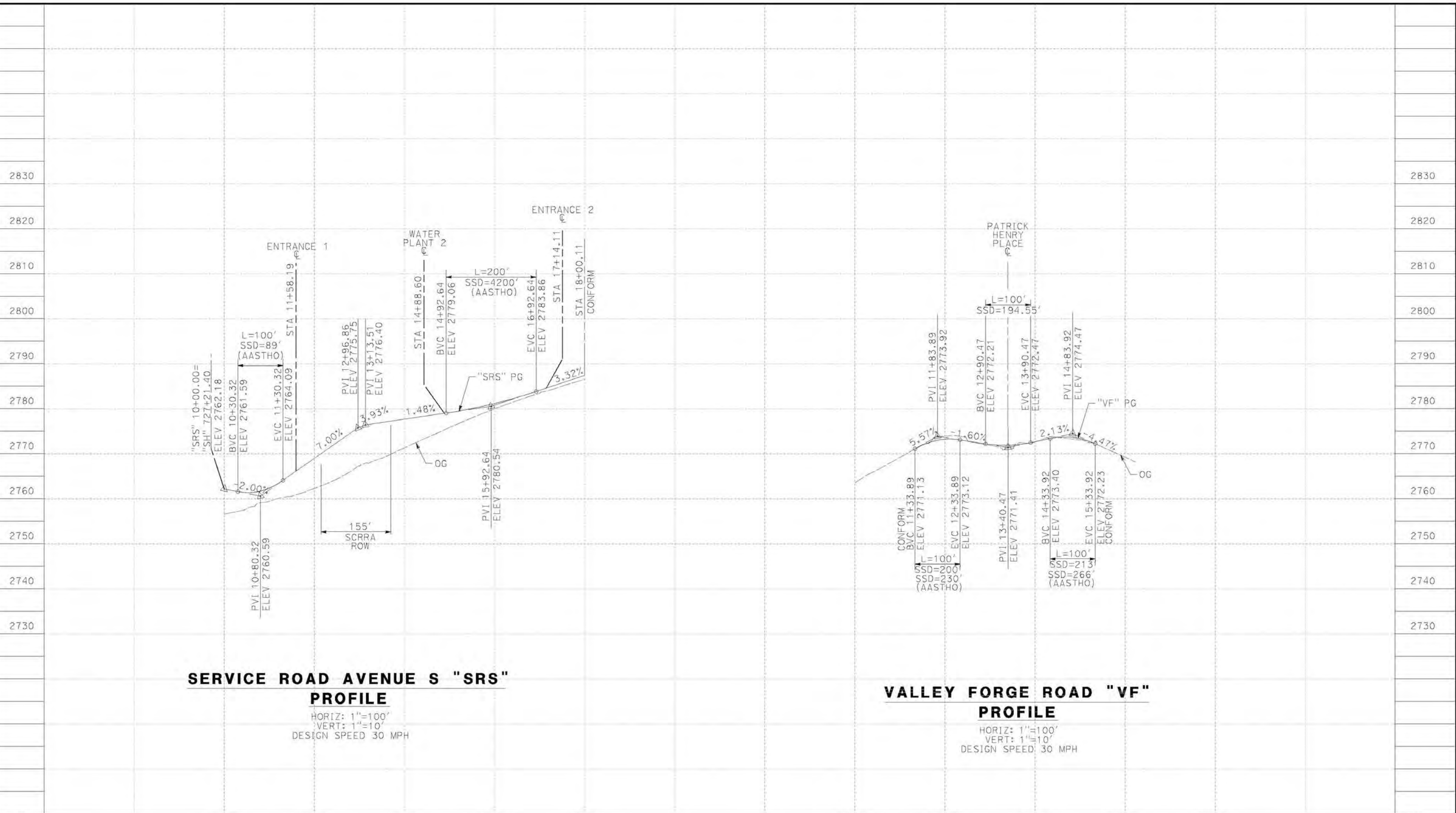
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-R1002-EA
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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1/8/2021 3:33:43 PM

cordo



SERVICE ROAD AVENUE S "SRS" PROFILE

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

VALLEY FORGE ROAD "VF" PROFILE

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

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

DESIGNED BY
D.CORDOBA
DRAWN BY
A.CAMACHO
CHECKED BY
R.RODRIGUEZ
IN CHARGE
A.RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1A/E2A"
ROADWAY PROFILE
SERVICE ROAD AVENUE S & VALLEY FORGE ROAD

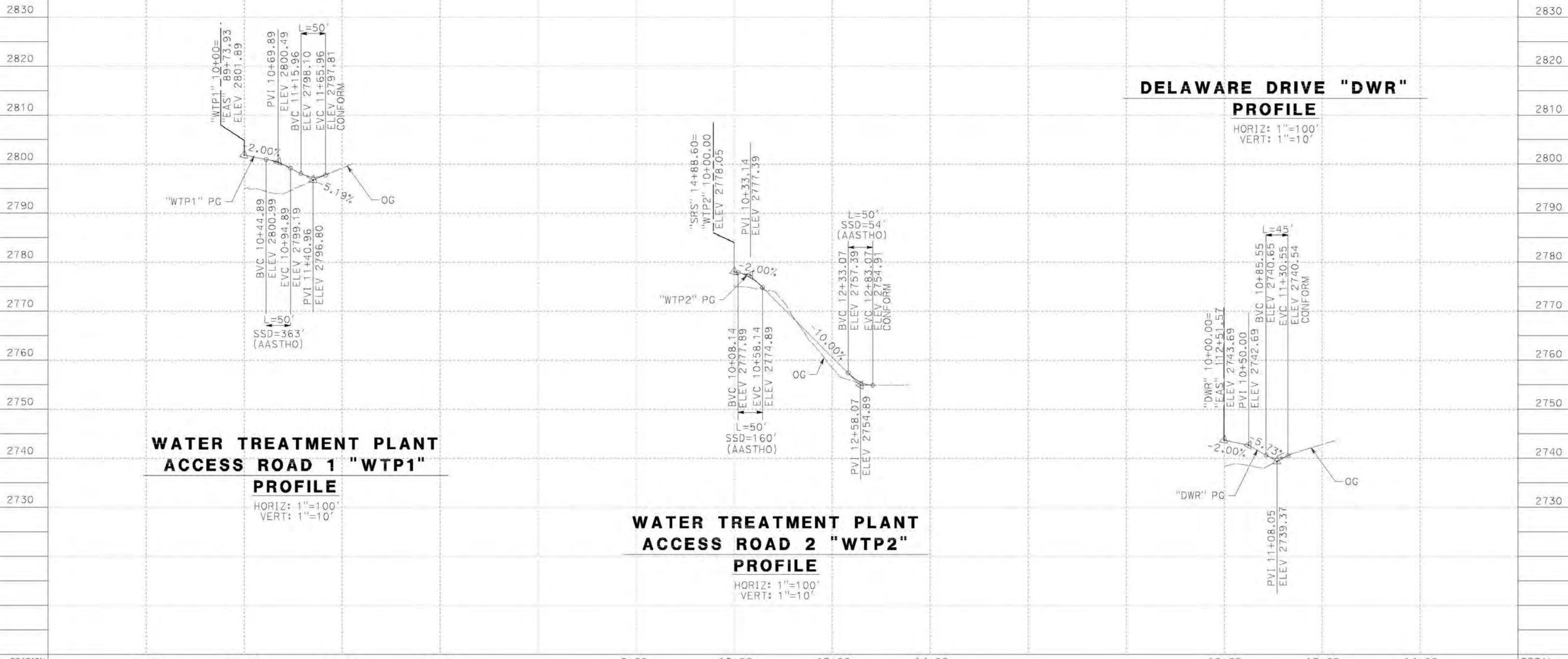
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HSR14-42
DRAWING NO.
CV-R1003-EA
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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12/29/2020 3:58:43 AM

cordo



**WATER TREATMENT PLANT
ACCESS ROAD 1 "WTP1"
PROFILE**
HORIZ: 1"=100'
VERT: 1"=10'

**WATER TREATMENT PLANT
ACCESS ROAD 2 "WTP2"
PROFILE**
HORIZ: 1"=100'
VERT: 1"=10'

**DELAWARE DRIVE "DWR"
PROFILE**
HORIZ: 1"=100'
VERT: 1"=10'

STATION	8+00	10+00	12+00	14+00	8+00	10+00	12+00	14+00	10+00	12+00	14+00	TOTAL
CY	Exc											
	Emb											

DESIGNED BY
D.CORDOBA
DRAWN BY
A.CAMACHO
CHECKED BY
R.RODRIGUEZ
IN CHARGE
A.RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

NOT FOR
CONSTRUCTION



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1A/E2A"
ROADWAY PROFILE
WATER TREATMENT PLAN ACCESS ROADS & DELAWARE RD

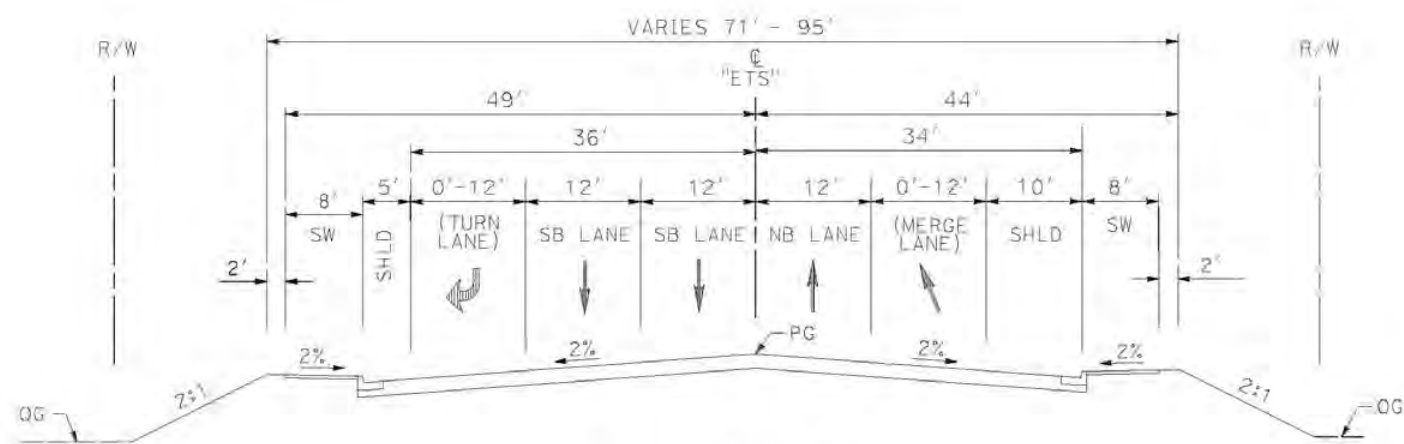
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HSR14-42
DRAWING NO.
CV-R1004-EA
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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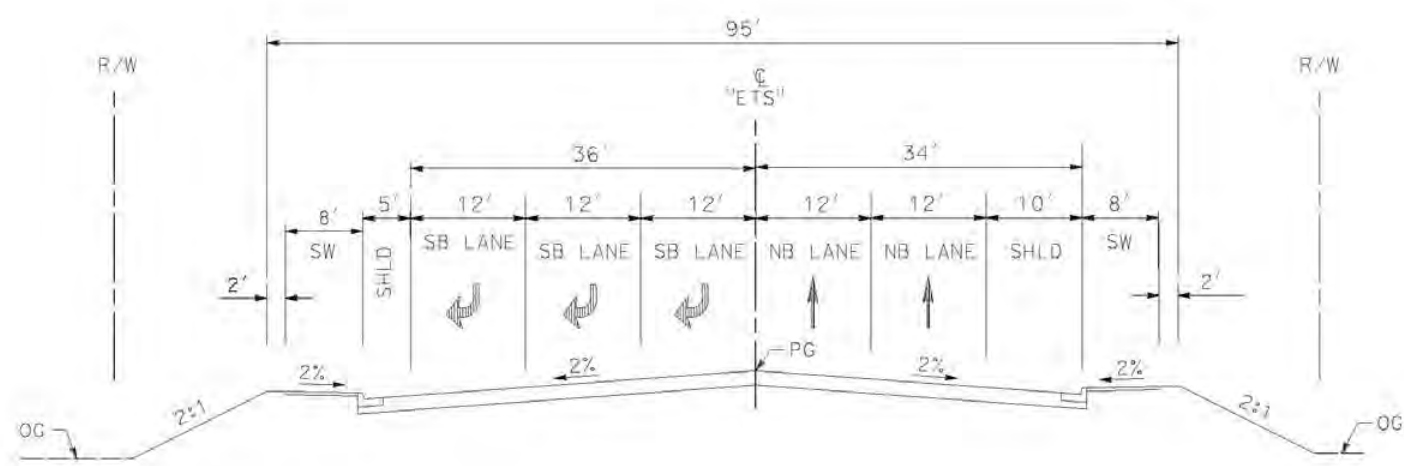
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cordo



EAST 10TH ST

STA 12+68.66 TO STA 22+71.37
SECONDARY ARTERIAL
PER CITY OF PALMDALE GENERAL PLAN



EAST 10TH ST

STA 10+76.75 TO STA 12+68.66
SECONDARY ARTERIAL
PER CITY OF PALMDALE GENERAL PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

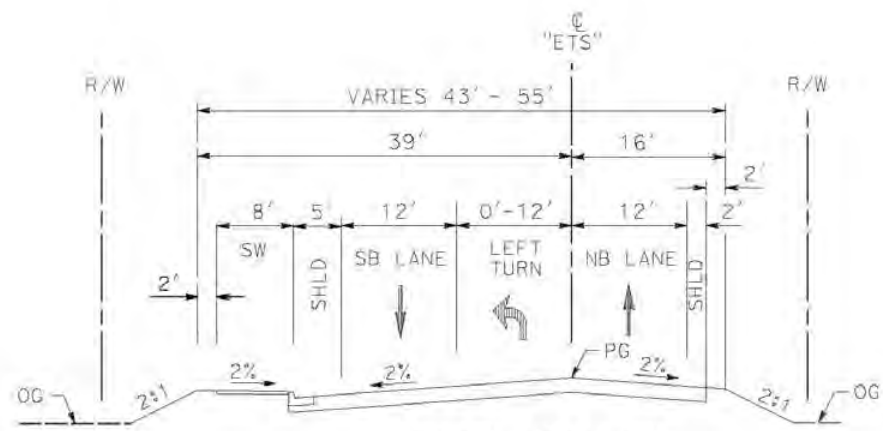
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CONSTRUCTION**



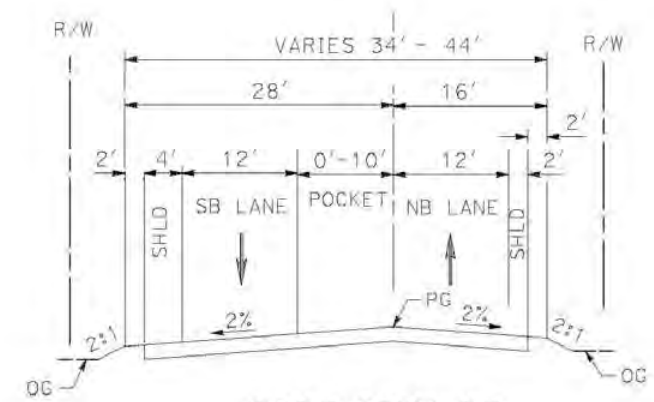
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

ALIGNMENT "E1A/E2A"
ROADWAY TYPICAL SECTIONS
EAST 10TH STREET (1/2)

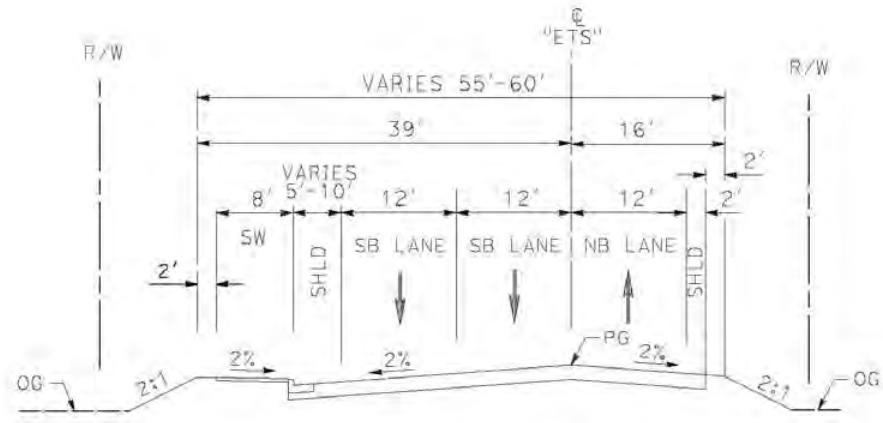
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DRAWING NO.
CV-R3001-EA
SCALE
AS SHOWN
SHEET NO.



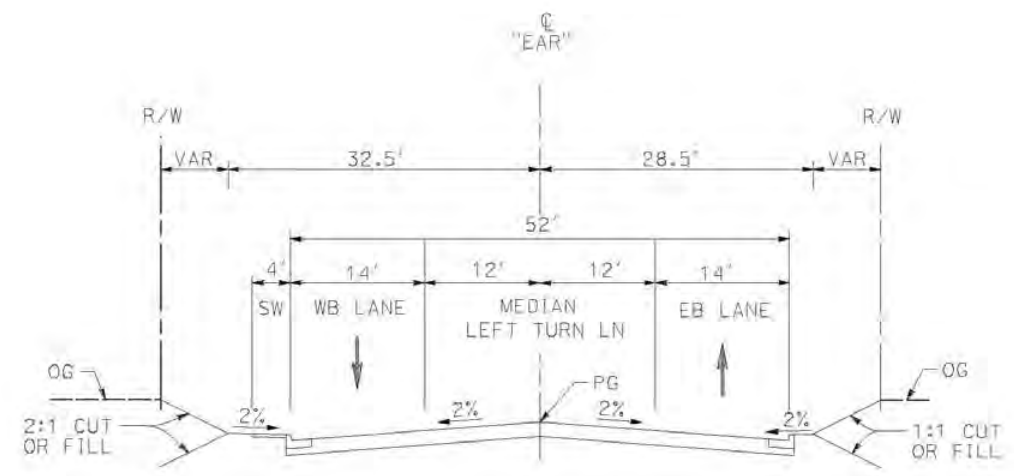
EAST 10TH ST
 STA 24+22.42 TO STA 27+49.52
 SECONDARY ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



EAST 10TH ST
 STA 27+49.52 TO STA STA 32+45.63
 SECONDARY ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



EAST 10TH ST
 STA 22+71.37 TO STA 24+22.42
 SECONDARY ARTERIAL
 PER CITY OF PALMDALE GENERAL PLAN



E AVENUE R11
 STA 10+00 TO STA 18+95.15
 LOCAL INTERIOR STREET
 PER CITY OF PALMDALE GENERAL PLAN

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12/25/2020 11:12:49 AM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D.CORDOBA
 DRAWN BY
A.CAMACHO
 CHECKED BY
R.RODRIGUEZ
 IN CHARGE
A.RELANO
 DATE
02/26/2021

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

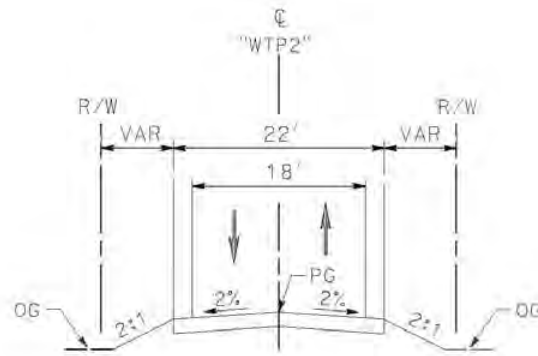
**NOT FOR
 CONSTRUCTION**



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

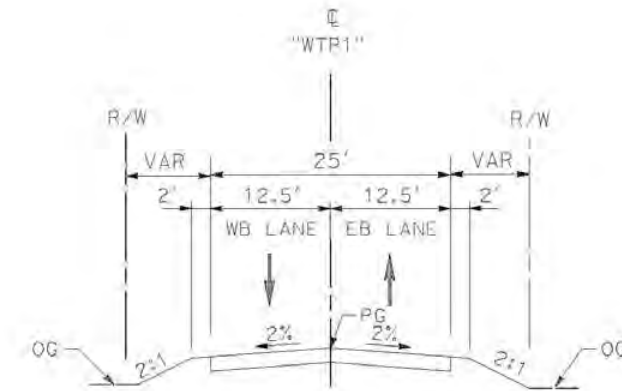
ALIGNMENT "E1A/E2A"
 ROADWAY TYPICAL SECTIONS
 EAST 10TH STREET (2/2) & E AVENUE R11

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-R3002-EA
 SCALE
AS SHOWN
 SHEET NO.



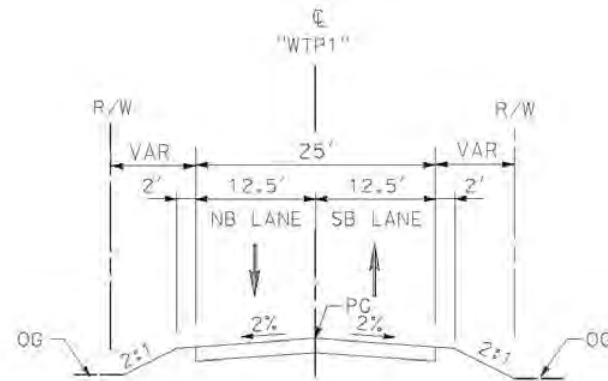
**WATER TREATMENT PLANT
ACCESS ROAD 2**

STA 10+00 TO STA 12+68.24



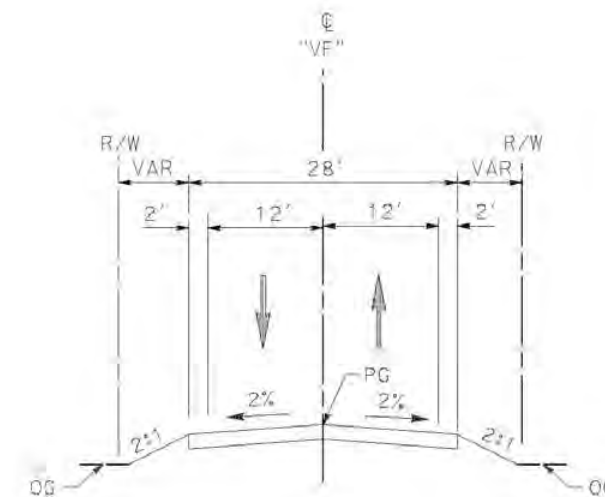
DELAWARE RD

STA 10+00 TO STA 11+66.71



**WATER TREATMENT PLANT
ACCESS ROAD 1**

STA 10+00 TO STA 11+66.71



VALLEY FORGE RD

11+39.62 TO 15+33.61

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12/25/2020 11:14:52 AM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D.CORDOBA
DRAWN BY
A.CAMACHO
CHECKED BY
R.RODRIGUEZ
IN CHARGE
A.RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

NOT FOR
CONSTRUCTION



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1A/E2A"
ROADWAY TYPICAL SECTIONS
WATER TREATMENT PLANT ACCESS ROADS, DELAWARE RD &
VALLEY FORGE RD

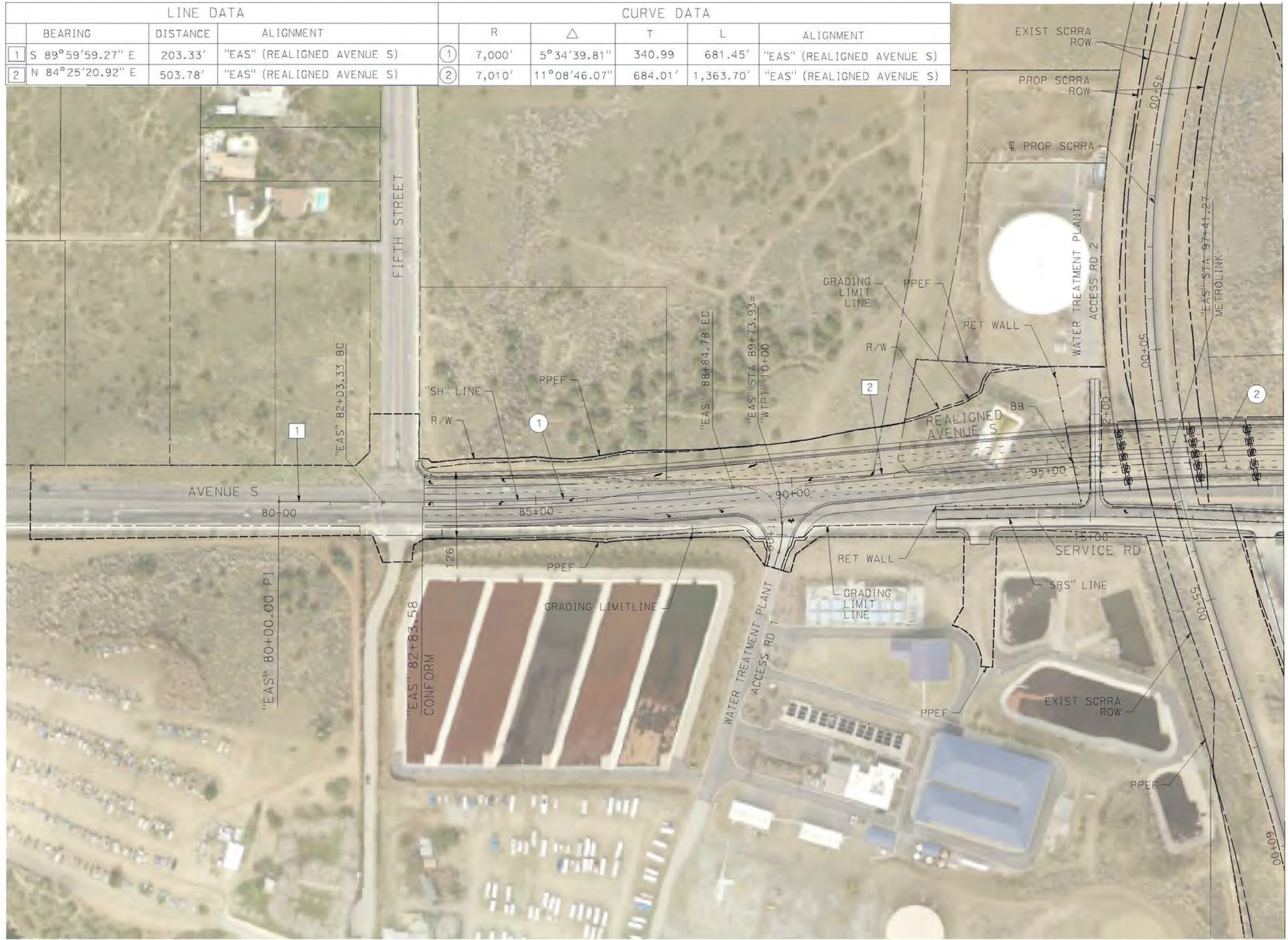
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DRAWING NO.	CV-R3003-EA
SCALE	NO SCALE
SHEET NO.	

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cordo

LINE DATA			CURVE DATA					
	BEARING	DISTANCE	ALIGNMENT	R	Δ	T	L	ALIGNMENT
1	S 89°59'59.27" E	203.33'	"EAS" (REALIGNED AVENUE S)	① 7,000'	5°34'39.81"	340.99	681.45'	"EAS" (REALIGNED AVENUE S)
2	N 84°25'20.92" E	503.78'	"EAS" (REALIGNED AVENUE S)	② 7,010'	11°08'46.07"	684.01'	1,363.70'	"EAS" (REALIGNED AVENUE S)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

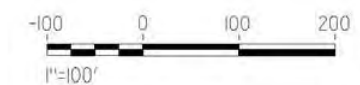
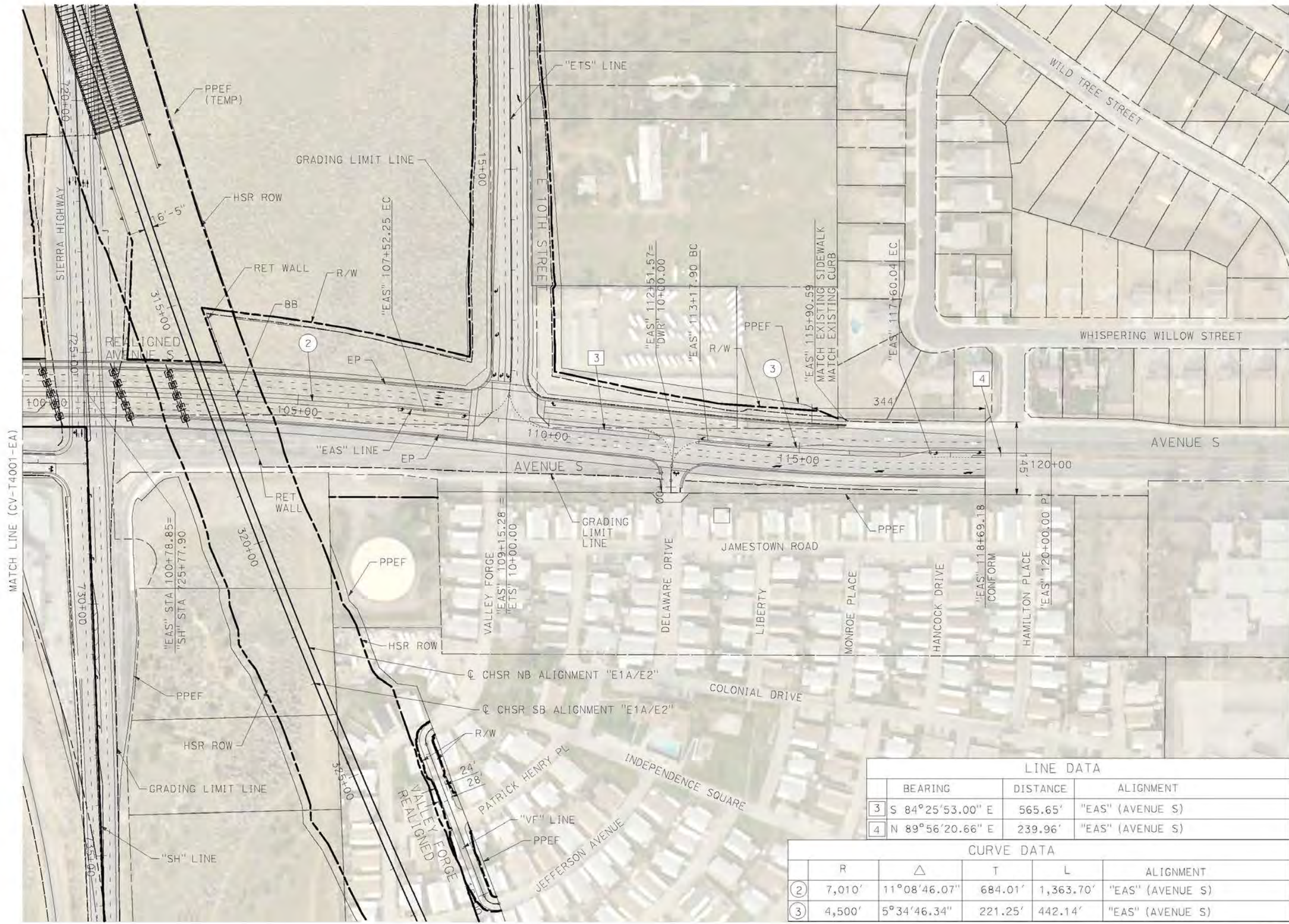
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1A/E2A"
GRADE SEPARATION PLAN
AVENUE S (1/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4001-EA
SCALE
AS SHOWN
SHEET NO.

3/4/2021 4:07:12 PM c:\pwworkingdir\sener-us-pw.bentley.com_sener-us-pw-01\cal\cordoba\dms28519\VPB-CV-T4002-EA.dgn



LINE DATA				
	BEARING	DISTANCE	ALIGNMENT	
3	S 84°25'53.00" E	565.65'	"EAS" (AVENUE S)	
4	N 89°56'20.66" E	239.96'	"EAS" (AVENUE S)	

CURVE DATA					
	R	Δ	T	L	ALIGNMENT
2	7,010'	11°08'46.07"	684.01'	1,363.70'	"EAS" (AVENUE S)
3	4,500'	5°34'46.34"	221.25'	442.14'	"EAS" (AVENUE S)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



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

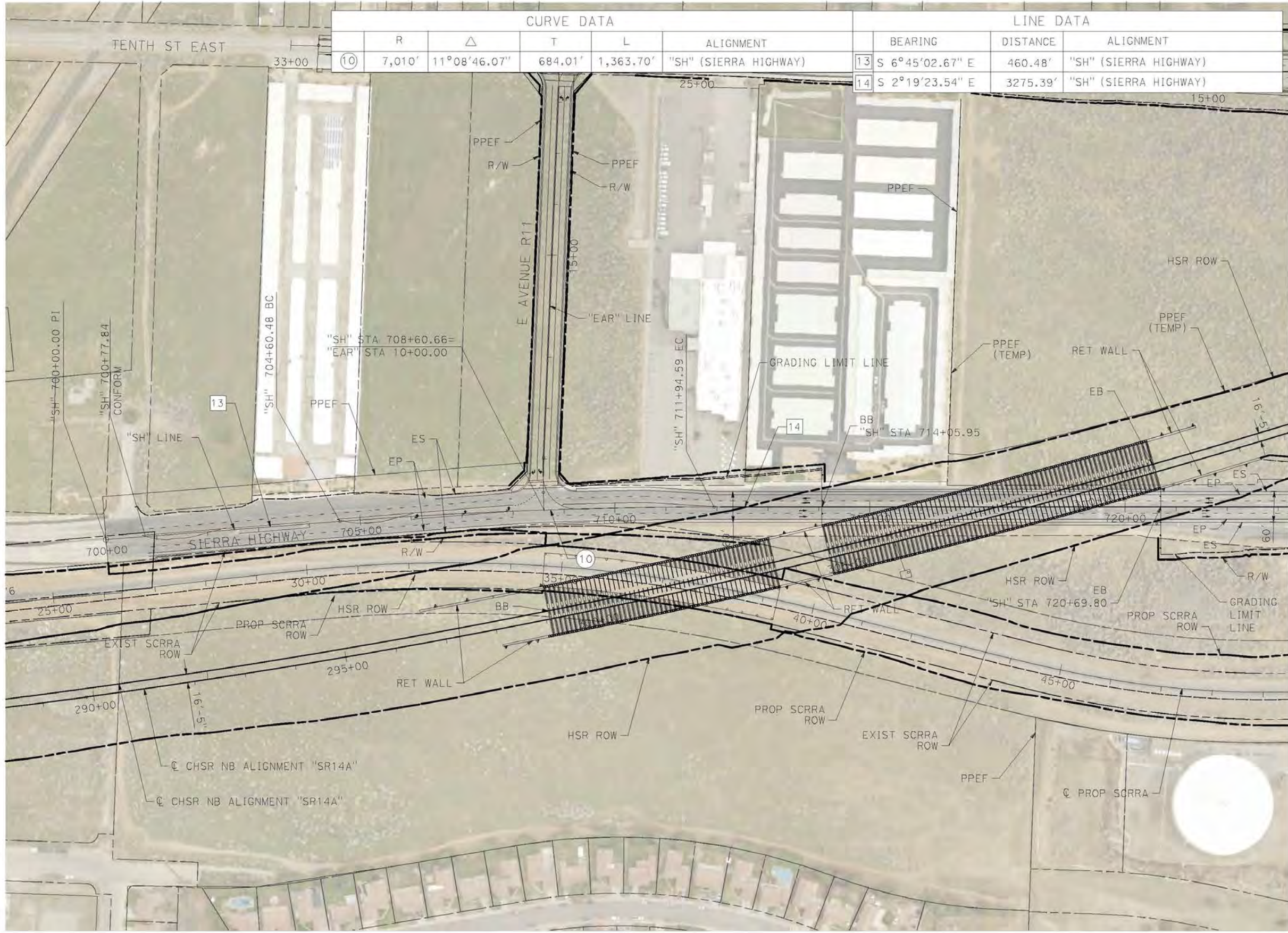
ALIGNMENT "E1A/E2A"
GRADE SEPARATION PLAN
AVENUE S (2/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4002-EA
SCALE
AS SHOWN
SHEET NO.

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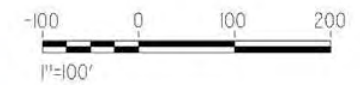
cordo



CURVE DATA					LINE DATA			
	R	Δ	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
⑩	7,010'	11°08'46.07"	684.01'	1,363.70'	"SH" (SIERRA HIGHWAY)	13 S 6°45'02.67" E	460.48'	"SH" (SIERRA HIGHWAY)
						14 S 2°19'23.54" E	3275.39'	"SH" (SIERRA HIGHWAY)



MATCH LINE (CV-R4004-14A)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



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

ALIGNMENT "E1A/E2A"
GRADE SEPARATION PLAN
SIERRA HIGHWAY (1/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4003-EA
SCALE
AS SHOWN
SHEET NO.

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12/25/2020 3:00:07 PM

cordo

LINE DATA			
	BEARING	DISTANCE	ALIGNMENT
14	S 2°19'23.54" E	2494.63'	"SH" (SIERRA HIGHWAY)



MATCH LINE (CV-T4003-EA)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**

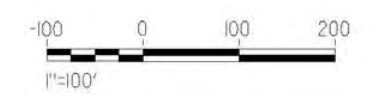


**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

ALIGNMENT "E1A/E2A"
GRADE SEPARATION PLAN
SIERRA HIGHWAY (2/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4004-EA
SCALE
AS SHOWN
SHEET NO.

LINE DATA			CURVE DATA						
	BEARING	DISTANCE	ALIGNMENT	R	Δ	T	L	ALIGNMENT	
1	N 90°00'00.00" E	1356.168'	"FD" (FORESTON DRIVE)	①	275'	68°01'05.06"	185.553'	326.463'	"FD" (FORESTON DRIVE)
2	N 21°58'54.94" E	368.53'	"FD" (FORESTON DRIVE)	②	120'	68°01'05.06"	80.97'	142.46'	"FD" (FORESTON DRIVE)
3	N 90°00'00.00" E	95.546'	"FD" (FORESTON DRIVE)	③	250'	25°39'45.81"	56.943'	111.975'	"FD" (FORESTON DRIVE)
3	N 64°20'14.18" E	303.893'	"FD" (FORESTON DRIVE)						



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cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D.CORDOBA
DRAWN BY
A.CAMACHO
CHECKED BY
R.RODRIGUEZ
IN CHARGE
A.RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



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

ALIGNMENT "E1A/E2A"
GRADE SEPARATION PLAN
FORESTON DRIVE (1/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4005-EA
SCALE
AS SHOWN
SHEET NO.

LINE DATA			CURVE DATA						
	BEARING	DISTANCE	ALIGNMENT	R	Δ	T	L	ALIGNMENT	
4	N 64°20'14.18" E	303.893'	"FD" (FORESTON DRIVE)	④	400'	28°19'33.01"	100.94'	197.75'	"FD" (FORESTON DRIVE)
5	N 36°00'41.18" E	146.672'	"FD" (FORESTON DRIVE)	⑤	300'	60°14'57.23"	174.08'	315.45'	"FD" (FORESTON DRIVE)
6	S 83°44'21.59" E	980.849'	"FD" (FORESTON DRIVE)						



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cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



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

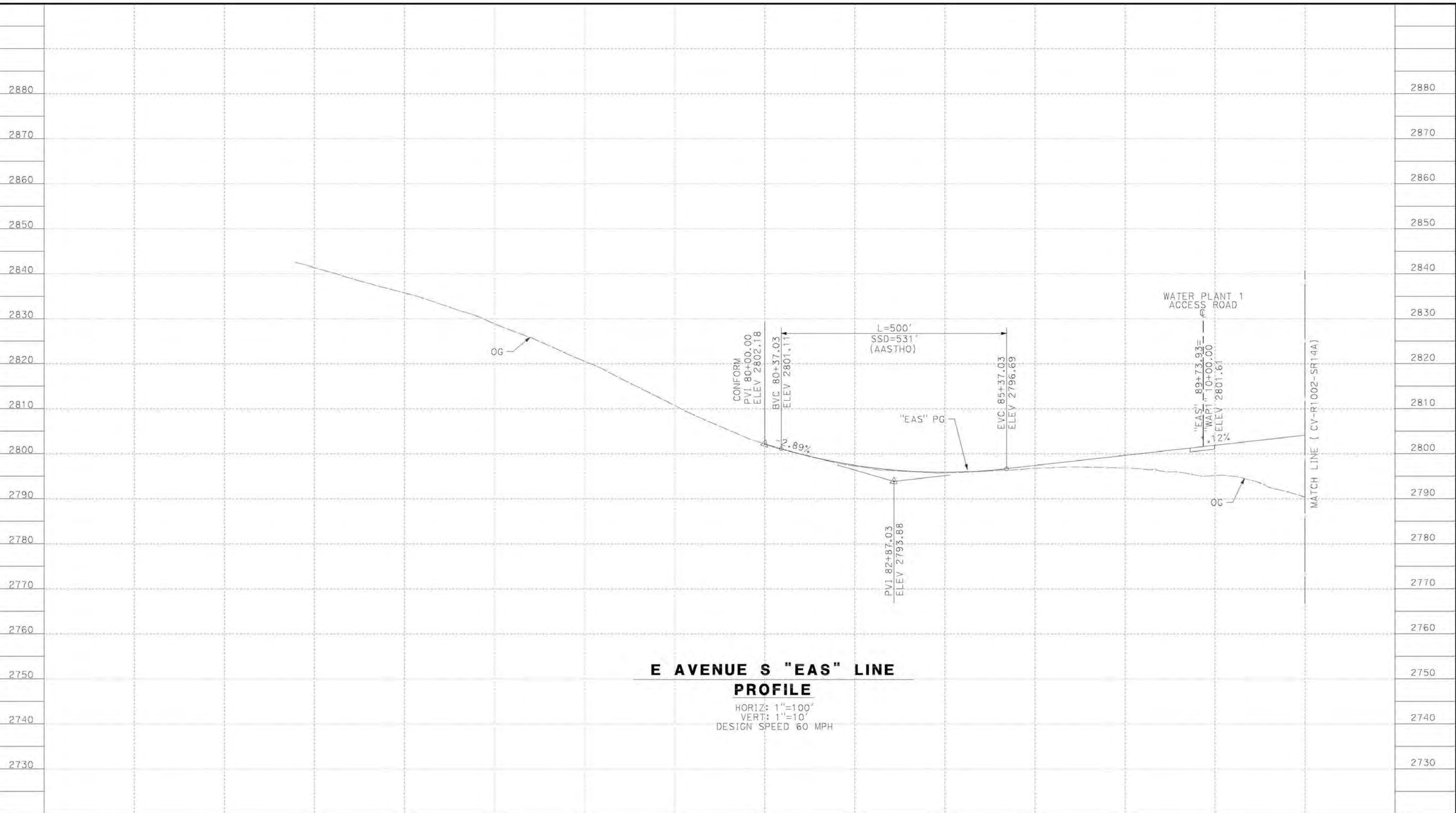
ALIGNMENT "E1A/E2A"
GRADE SEPARATION PLAN
FORESTON DRIVE (2/2)

CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T4006-EA
SCALE
AS SHOWN
SHEET NO.

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12/29/2020 4:04:31 AM

cordo



**E AVENUE S "EAS" LINE
PROFILE**

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

STATION	71+00	72+00	74+00	76+00	78+00	80+00	82+00	84+00	86+00	88+00	TOTAL
Exc											
Emb											

DESIGNED BY
D.CORDOBA
DRAWN BY
A.CAMACHO
CHECKED BY
R.RODRIGUEZ
IN CHARGE
A.RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

NOT FOR
CONSTRUCTION



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1A/E2A"
GRADE SEPARATION PROFILE
AVENUE S (1/2)

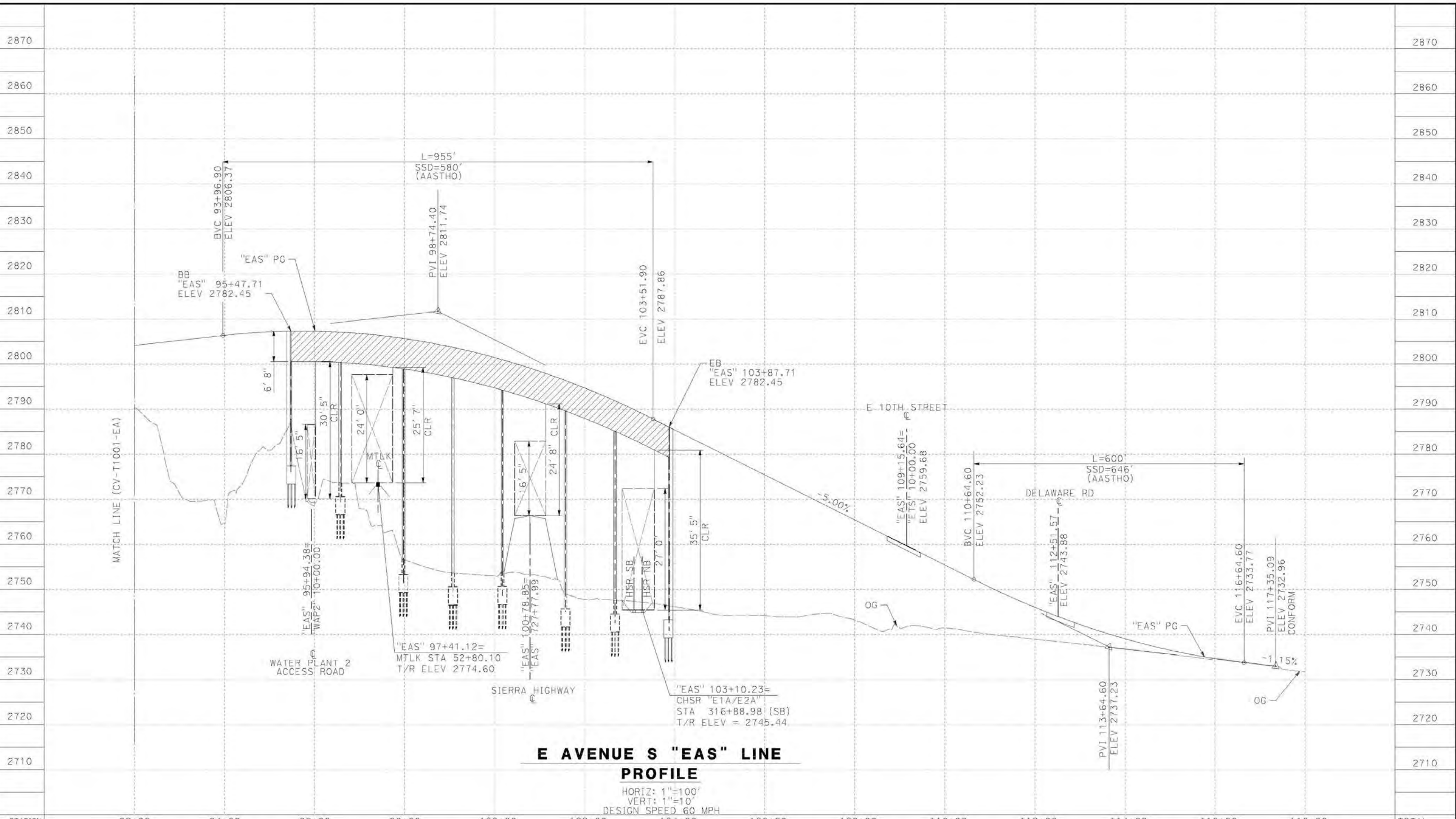
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T1001-EA
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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12/29/2020 4:07:08 AM

cordo



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

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

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
 ALIGNMENT "E1A/E2A"
 GRADE SEPARATION PROFILE
 AVENUE S (2/2)

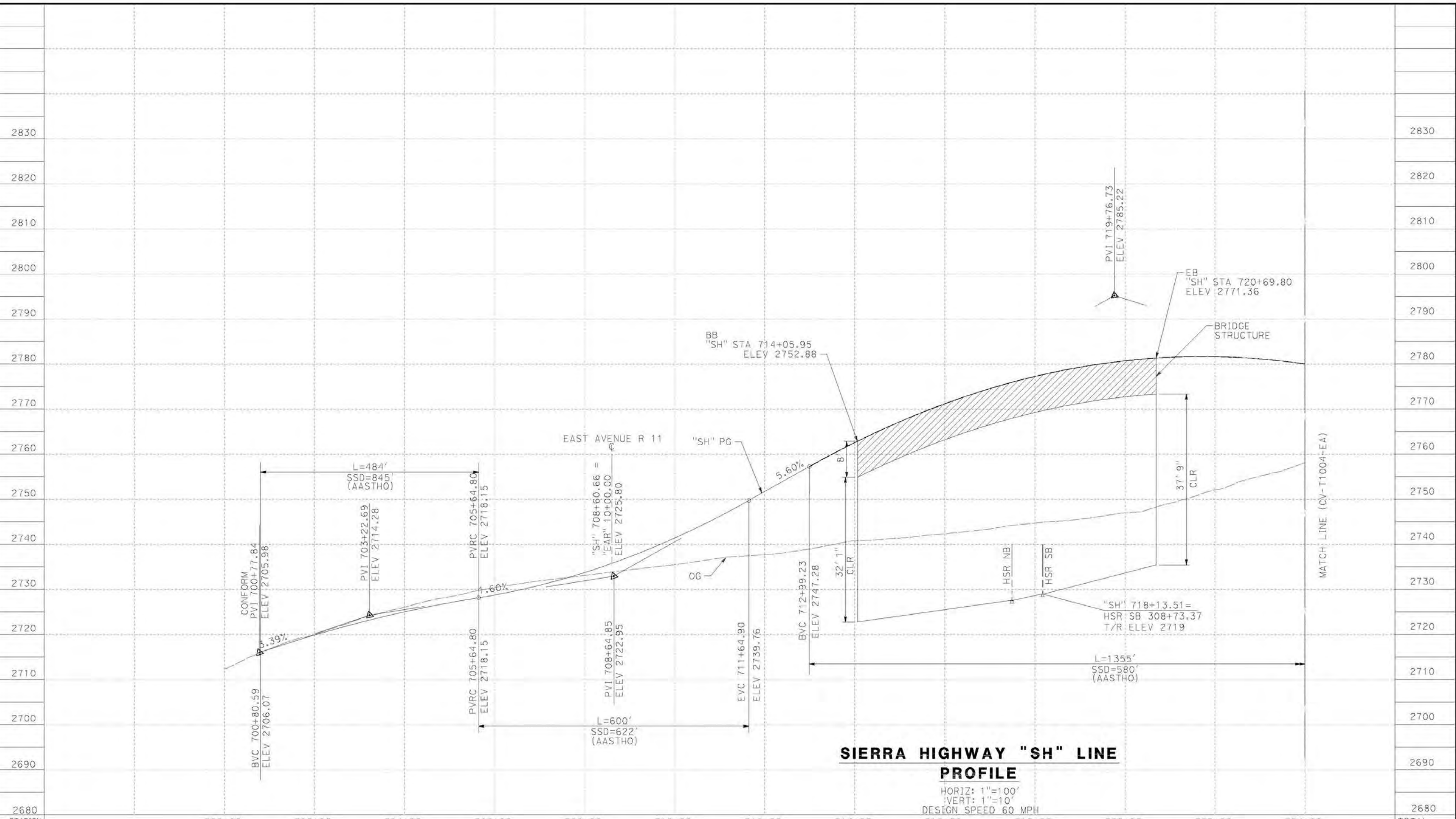
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1002-EA
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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12/29/2020 4:08:32 AM

cordo



STATION	700+00	702+00	704+00	706+00	708+00	710+00	712+00	714+00	716+00	718+00	720+00	722+00	724+00	TOTAL
Exc														
Emb														

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

PEPD RECORD SET
 ADDENDUM
 SR14A/E1A/E2A
 NOT FOR
 CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1A/E2A"
 GRADE SEPARATION PROFILE
 SIERRA HIGHWAY (1/2)

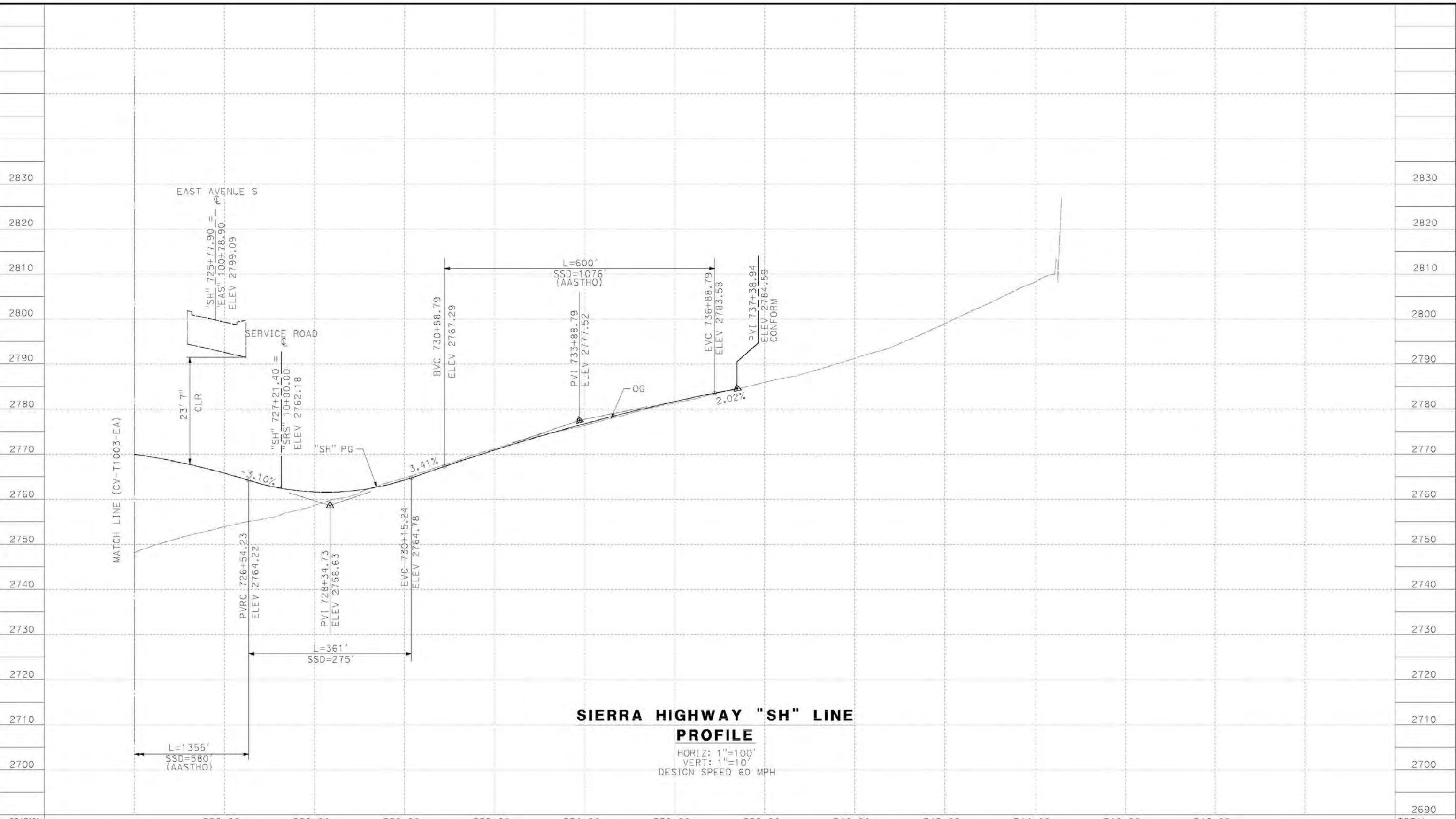
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1003-EA
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



**SIERRA HIGHWAY "SH" LINE
PROFILE**

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

STATION	726+00	728+00	730+00	732+00	734+00	736+00	738+00	740+00	742+00	744+00	746+00	748+00	TOTAL
Exc													
Emb													

DESIGNED BY
D.CORDOBA
DRAWN BY
A.CAMACHO
CHECKED BY
R.RODRIGUEZ
IN CHARGE
A.RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



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

ALIGNMENT "E1A/E2A"
GRADE SEPARATION PROFILE
SIERRA HIGHWAY (2/2)

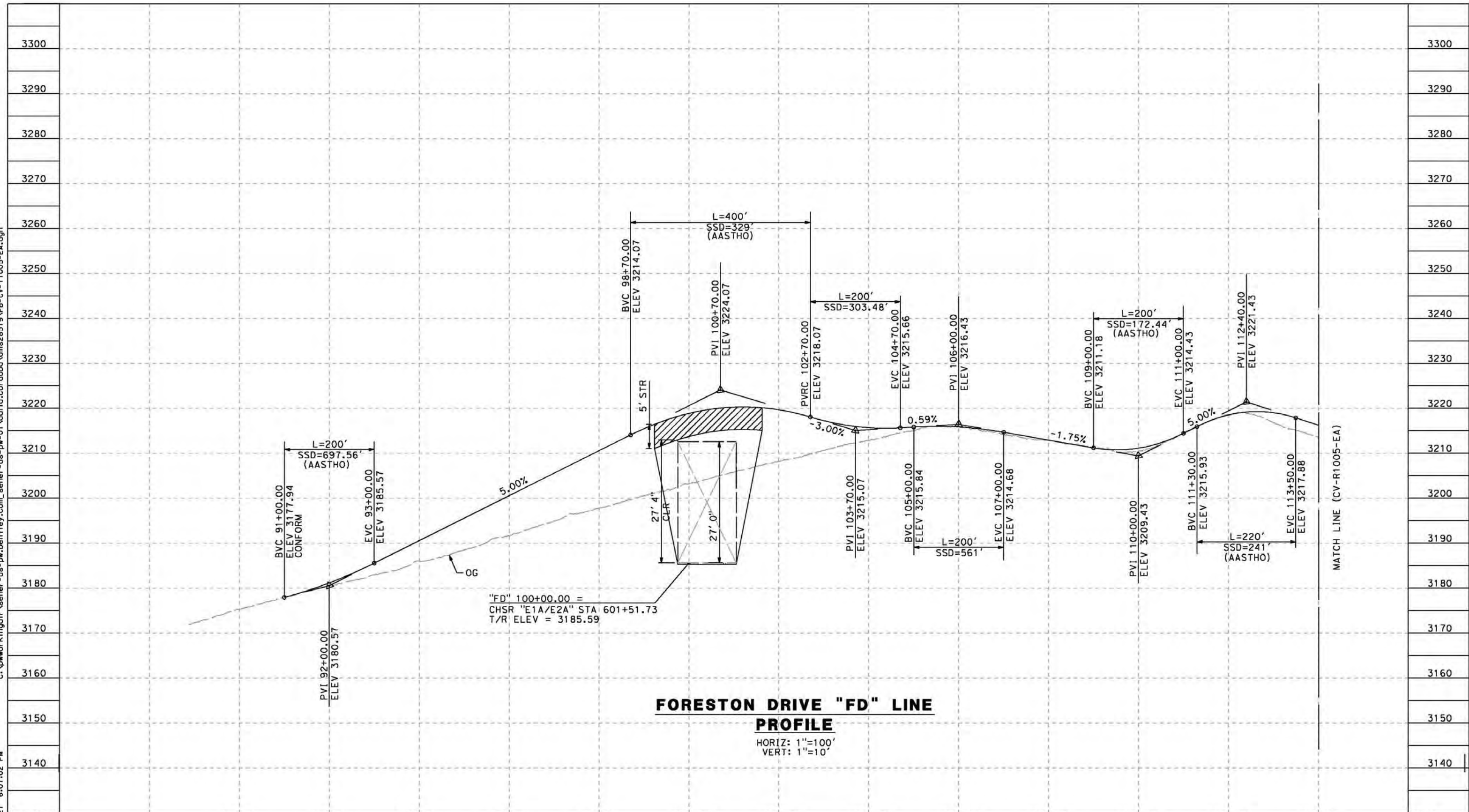
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-T1004-EA
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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STATION	90+00	92+00	94+00	96+00	98+00	100+00	102+00	104+00	106+00	108+00	110+00	112+00	114+00	TOTAL
CY	Exc													
	Emb													

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D.CORDOBA
 DRAWN BY
A.CAMACHO
 CHECKED BY
R.RODRIGUEZ
 IN CHARGE
A.RELANO
 DATE
02/26/2021

**PEPD RECORD SET
 ADDENDUM
 SR14A/E1A/E2A**
**NOT FOR
 CONSTRUCTION**



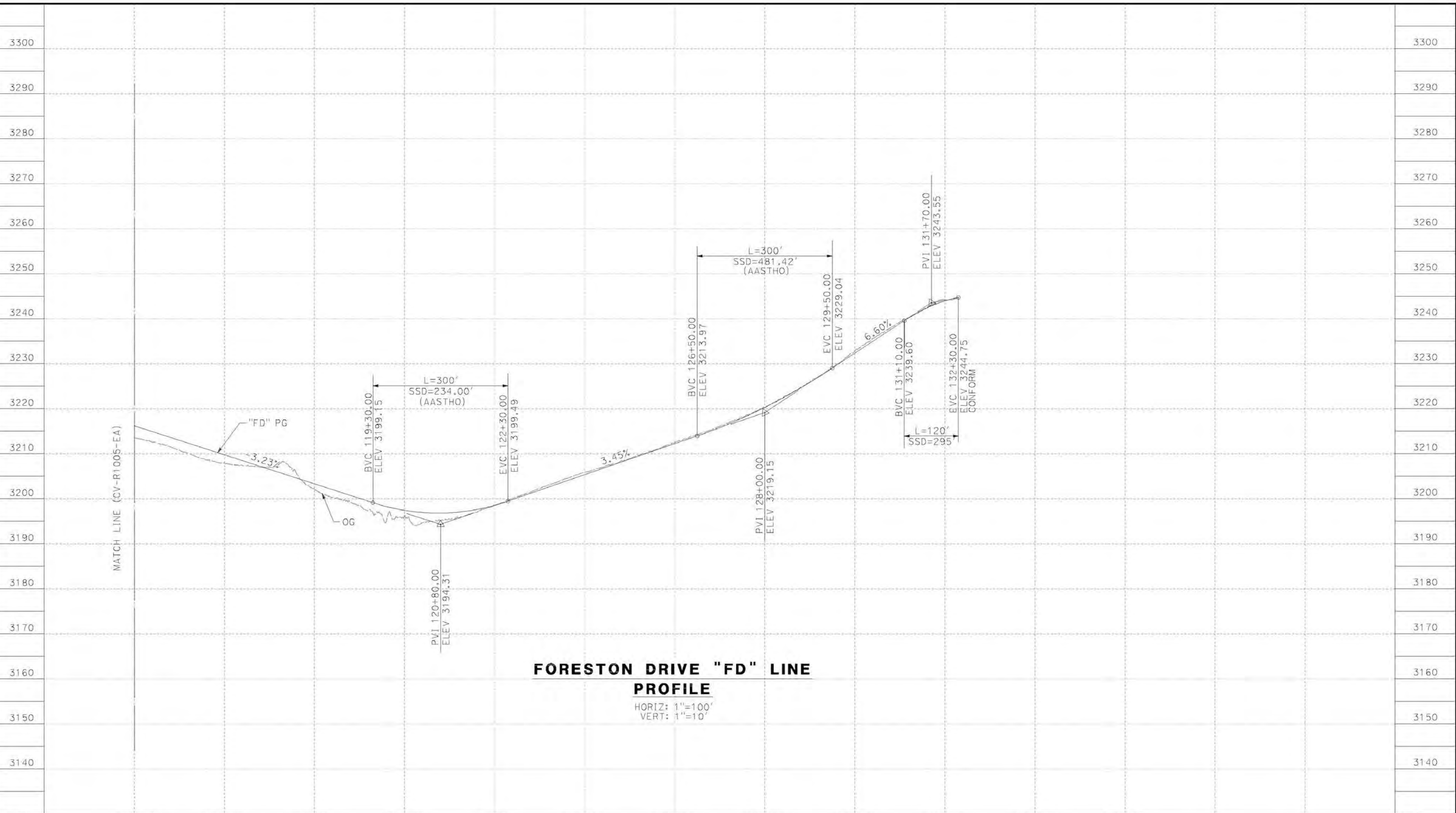
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1A/E2A"
 GRADE SEPARATION PROFILE
 FORESTON DRIVE (1/2)

CONTRACT NO. HSR14-42
DRAWING NO. CV-T1005-EA
SCALE AS SHOWN
SHEET NO.

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STATION	114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	TOTAL
Exc													
Emb													

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

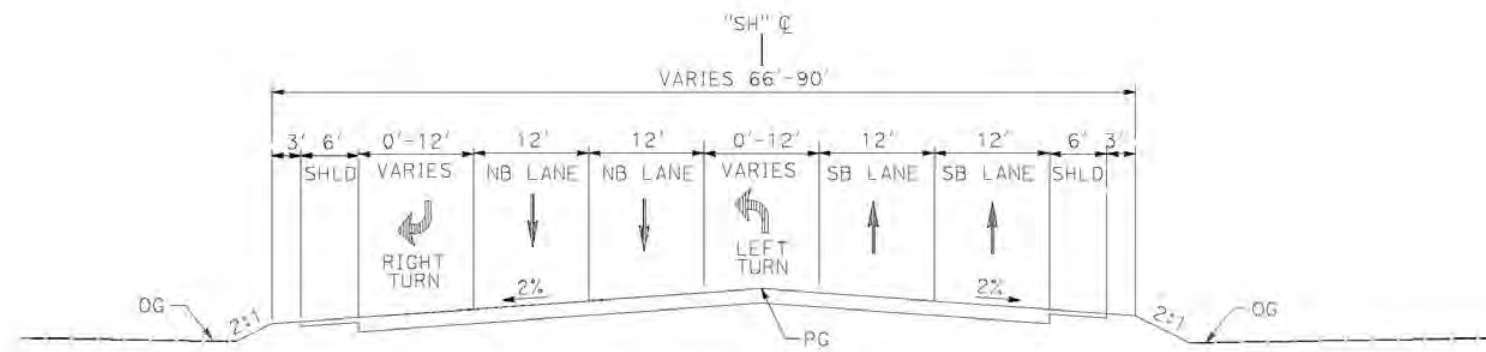
**PEPD RECORD SET
 ADDENDUM
 SR14A/E1A/E2A**
**NOT FOR
 CONSTRUCTION**



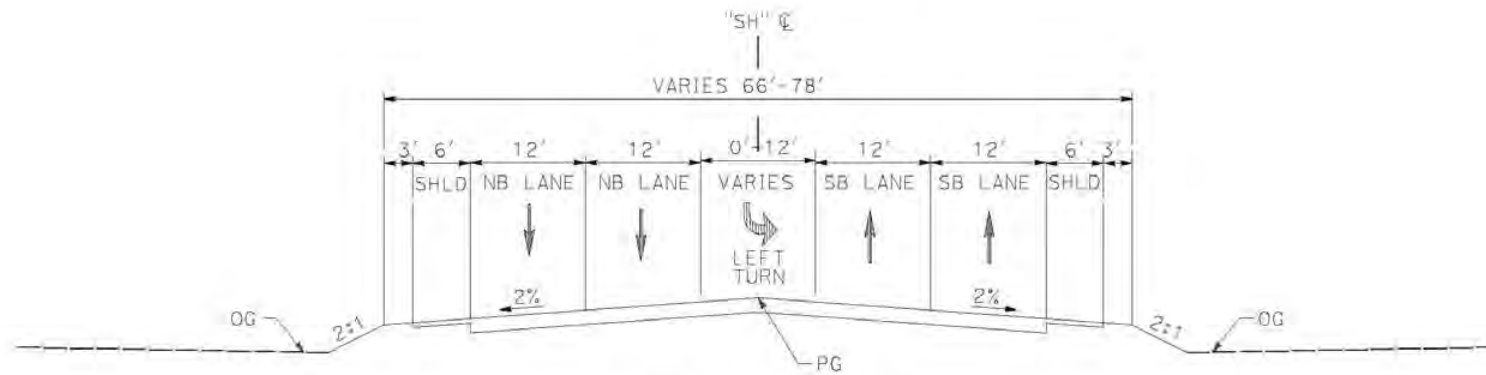
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1A/E2A"
 GRADE SEPARATION PROFILE
 FORESTON DRIVE (2/2)

CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T1006-EA
 SCALE
AS SHOWN
 SHEET NO.

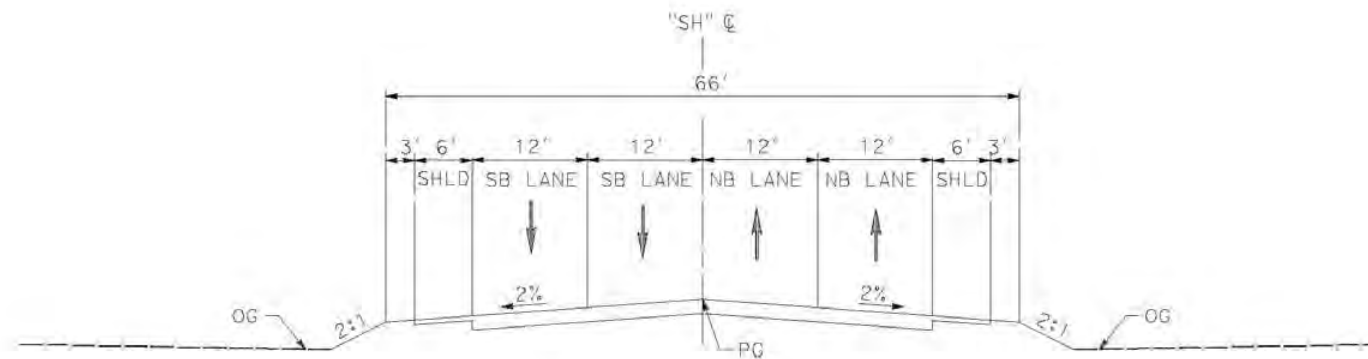
REV	DATE	BY	CHK	APP	DESCRIPTION



SIERRA HIGHWAY
 STA 705+22.61 to 707+98.97
 PER CITY OF PALMDALE GENERAL PLAN



SIERRA HIGHWAY
 STA 707+98.97 to 712+07.54
 STA 723+76.85 to 736+89.22
 PER CITY OF PALMDALE GENERAL PLAN



SIERRA HIGHWAY
 STA 712+07.54 to 714+93.94 (BEG BRIDGE)
 STA 720+69.80 (END BRIDGE) TO 723+76.85
 PER CITY OF PALMDALE GENERAL PLAN

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cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

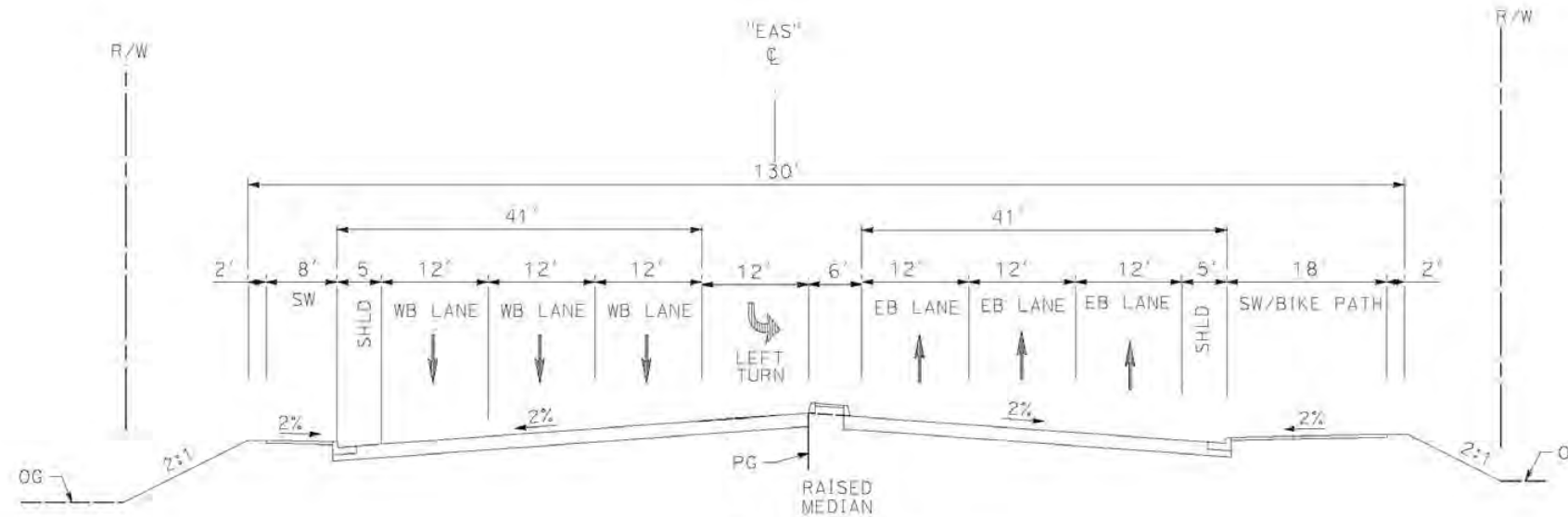
**PEPD RECORD SET
 ADDENDUM
 SR14A/E1A/E2A**

**NOT FOR
 CONSTRUCTION**



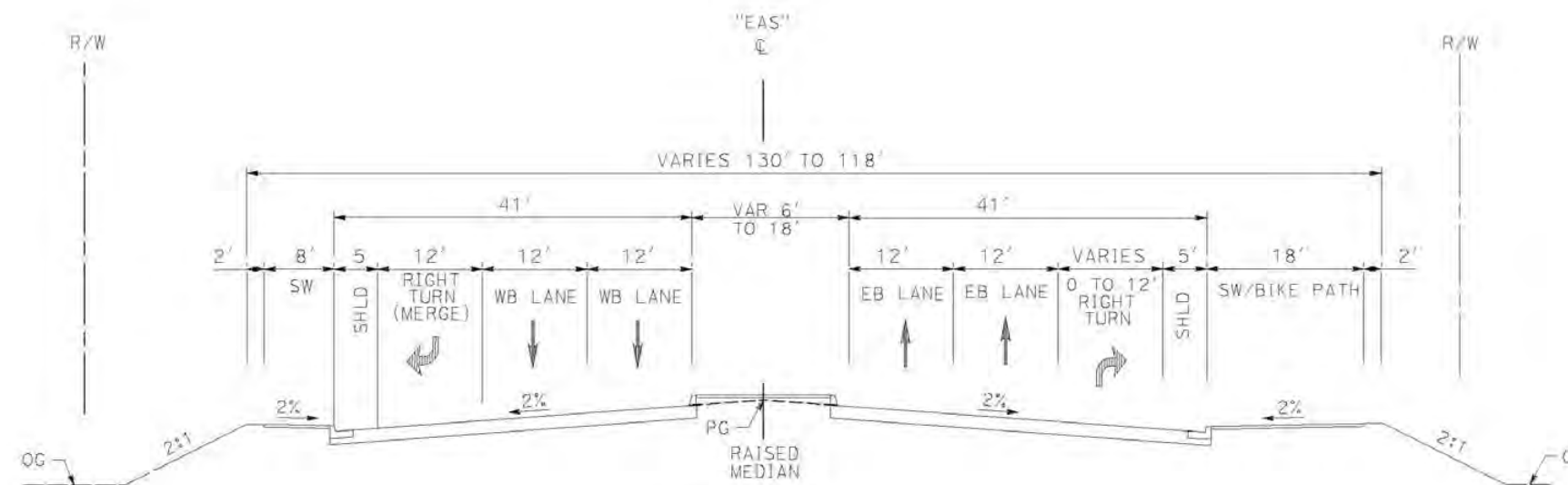
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 PALMDALE TO BURBANK**
 ALIGNMENT "E1A/E2A"
 ROADWAY TYPICAL SECTIONS
 SIERRA HIGHWAY

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



AVENUE S

STA 90+27.08 to 92+75.30
 STA 103+77.01 (END BRIDGE) to STA 118+68.90
 PER CITY OF PALMDALE GENERAL PLAN



AVENUE S

STA 80+00.00 to 90+27.08
 PER CITY OF PALMDALE GENERAL PLAN

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12/25/2020 1:33:57 PM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

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

**NOT FOR
 CONSTRUCTION**



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

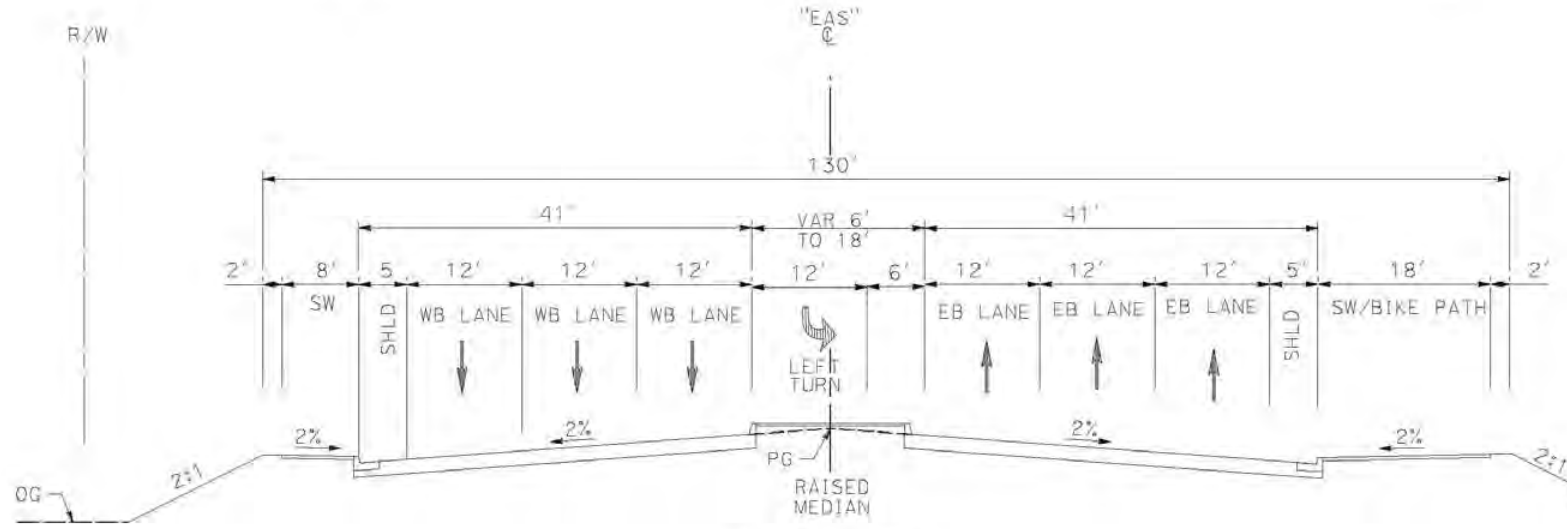
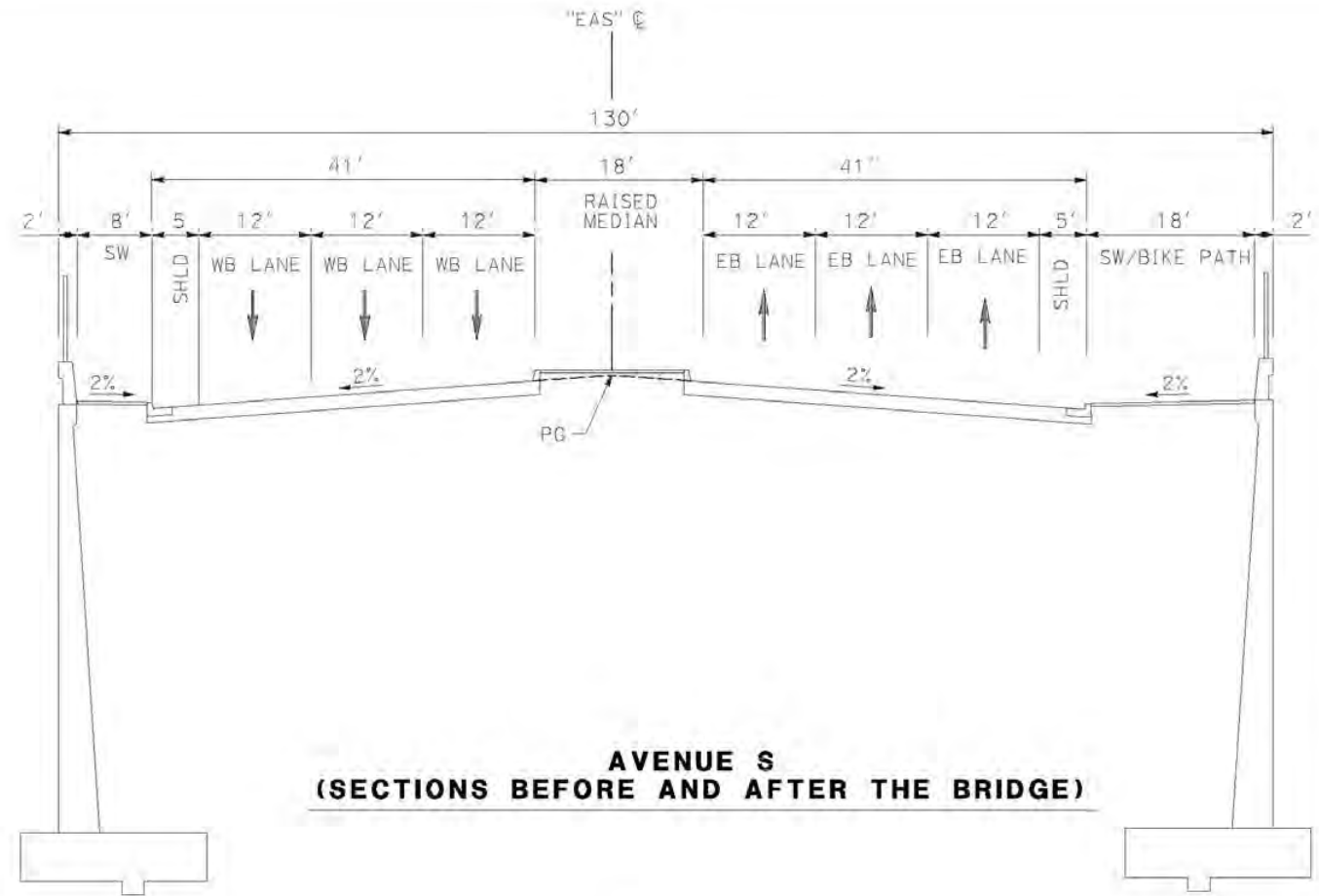
ALIGNMENT "E1A/E2A"
 ROADWAY TYPICAL SECTIONS
 AVENUE S (1/2)

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

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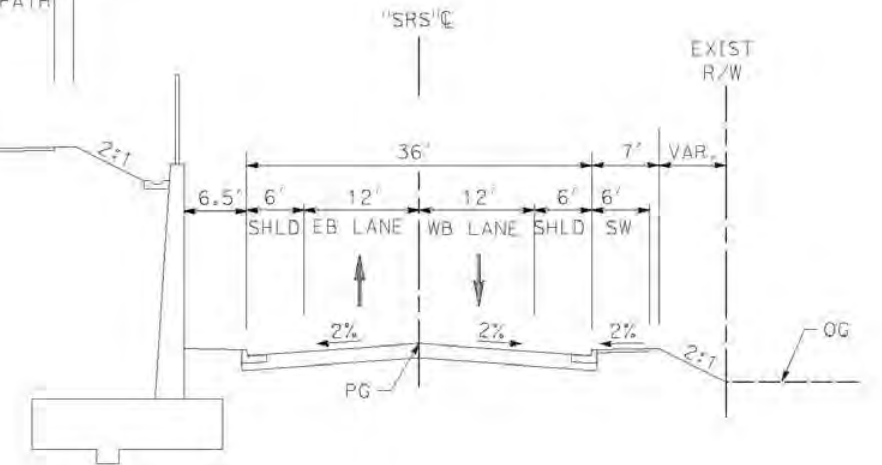
cordo



STA 92+75.30 to 95+48.24 (BEG BRIDGE)
PER CITY OF PALMDALE GENERAL PLAN

SERVICE ROAD AVENUE S

STA 10+00.00 to 18+00.00
PER CITY OF PALMDALE GENERAL PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D.CORDOBA
DRAWN BY
A.CAMACHO
CHECKED BY
R.RODRIGUEZ
IN CHARGE
A.RELANO
DATE
02/26/2021

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

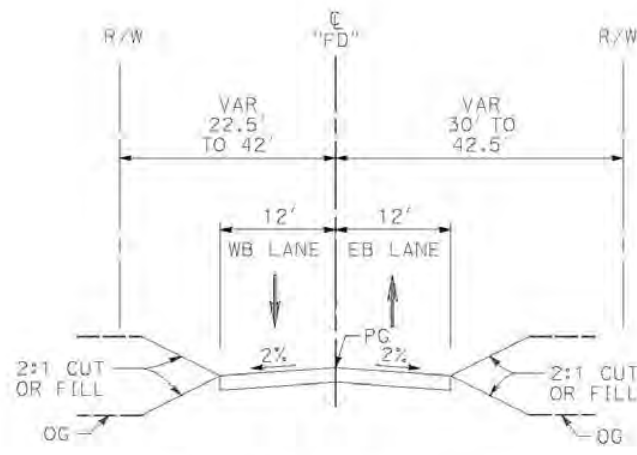
**NOT FOR
CONSTRUCTION**



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

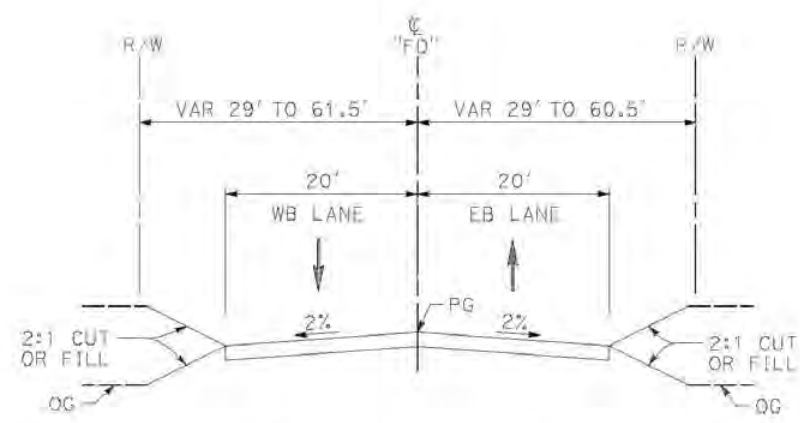
ALIGNMENT "E1A/E2A"
ROADWAY TYPICAL SECTIONS
AVENUE S (2/2)

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



FORESTON DRIVE

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



FORESTON DRIVE

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

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cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D.CORDOBA
 DRAWN BY
A.CAMACHO
 CHECKED BY
R.RODRIGUEZ
 IN CHARGE
A.RELANO
 DATE
02/26/2021

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

**NOT FOR
 CONSTRUCTION**



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

ALIGNMENT "E1A/E2A"
 ROADWAY TYPICAL SECTIONS
 FORESTON DRIVE

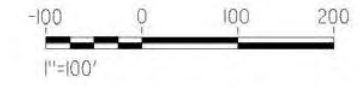
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-T3004-EA
 SCALE
NO SCALE
 SHEET NO.

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cordo

CURVE DATA					LINE DATA			
	R	Δ	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
①	100'	51°10'26.54"	47.759'	89.112'	"AR1" (ACCESS ROAD PORTAL 1)	1 S 38°56'33.456" W	322.782'	"AR1" (ACCESS ROAD PORTAL 1)
②	100'	31°02'29.413"	27.771'	54.178'	"AR1" (ACCESS ROAD PORTAL 1)	2 S 90°00'00.000" W	117.871'	"AR1" (ACCESS ROAD PORTAL 1)
③	100'	31°02'29.413"	27.771'	54.178'	"AR1" (ACCESS ROAD PORTAL 1)	3 S 58°57'30.587" W	134.549'	"AR1" (ACCESS ROAD PORTAL 1)
④	100'	15°03'09.875"	13.212'	26.272'	"AR1" (ACCESS ROAD PORTAL 1)	4 S 90°00'00.000" W	274.712'	"AR1" (ACCESS ROAD PORTAL 1)
⑤	75'	95°10'38.084"	82.103'	124.587'	"AR1" (ACCESS ROAD PORTAL 1)	5 N 74°56'50.126" W	519.968'	"AR1" (ACCESS ROAD PORTAL 1)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
F. DEJESUS
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

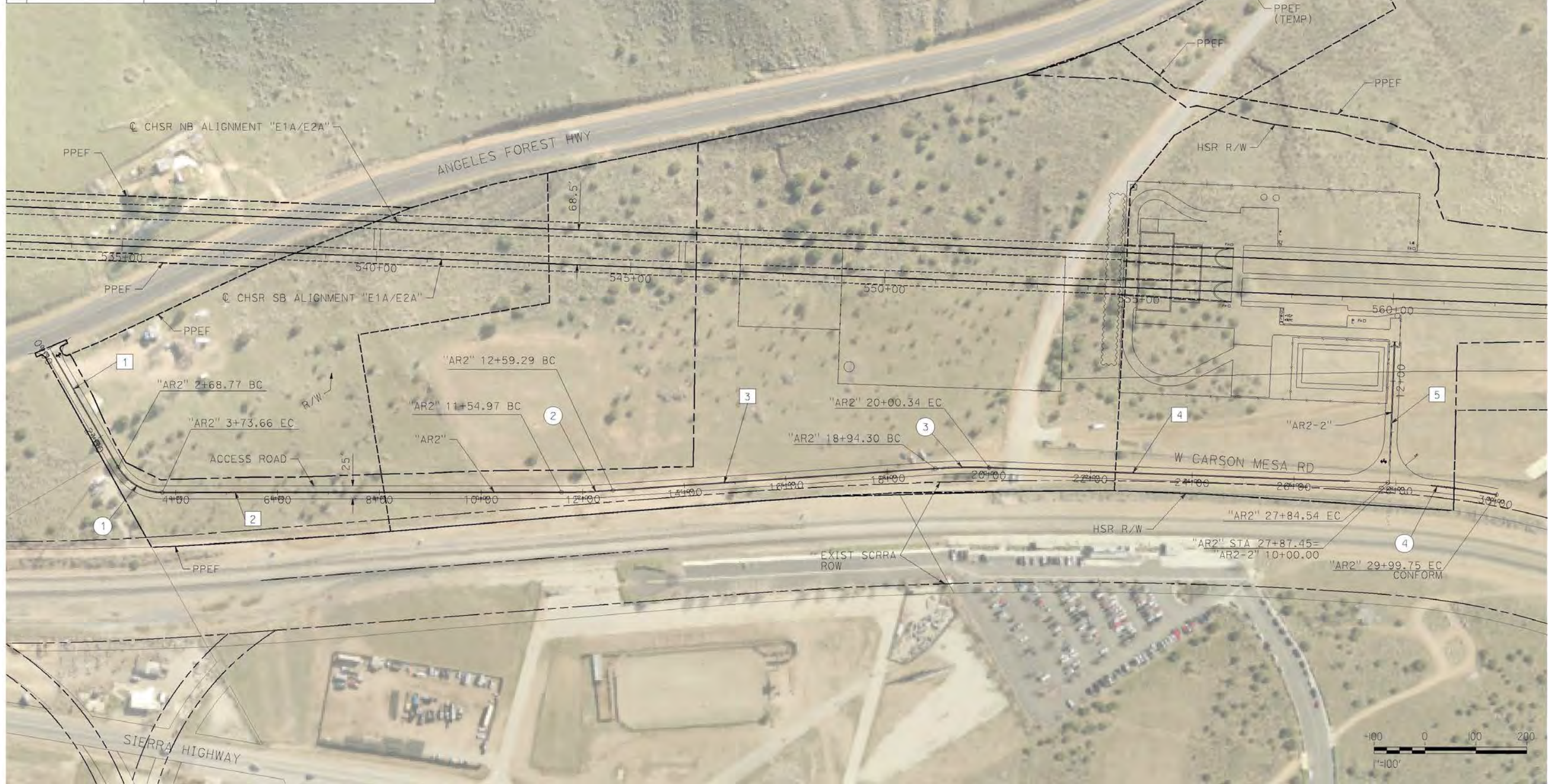
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1A/E2A"
ACCESS ROAD PLAN
PORTAL 1

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

LINE DATA				CURVE DATA					
	BEARING	DISTANCE	ALIGNMENT		R	Δ	L	ALIGNMENT	
1	S 89°02'18.08" W	268.771'	"AR2" (ACCESS ROAD PORTAL 2)	①	100'	60°05'42.53"	57.846'	104.886'	"AR2" (ACCESS ROAD PORTAL 2)
2	S 28°56'35.54" W	784.316'	"AR2" (ACCESS ROAD PORTAL 2)	②	1,500'	3°52'11.97"	50.677'	101.316'	"AR2" (ACCESS ROAD PORTAL 2)
3	S 25°04'23.57" E	635.012'	"AR2" (ACCESS ROAD PORTAL 2)	③	1,000'	6°04'32.94"	53.071'	106.043'	"AR2" (ACCESS ROAD PORTAL 2)
4	S 31°08'56.351" W	784.192'	"AR2" (ACCESS ROAD PORTAL 2)	④	1,490'	8°16'32.68"	107.795'	215.214'	"AR2" (ACCESS ROAD PORTAL 2)
5	S 58°51'03.48" E	277.566'	"AR2-2" (ACCESS ROAD PORTAL2-2)						



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12/25/2020 3:26:39 PM

cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CORDOBA
DRAWN BY
A. CAMACHO
CHECKED BY
R. RODRIGUEZ
IN CHARGE
A. RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



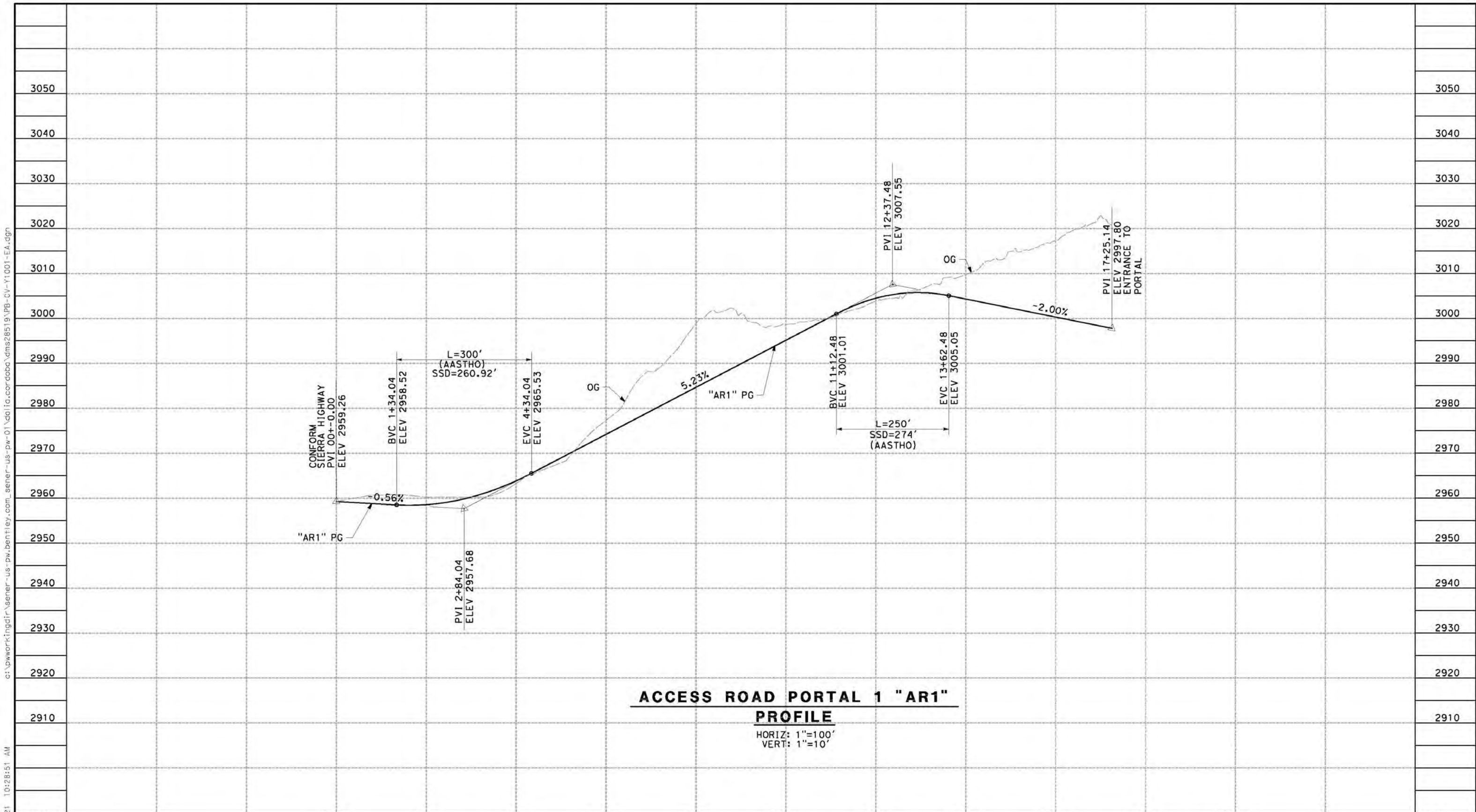
**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**

ALIGNMENT "E1A/E2A"
ACCESS ROAD PLAN
PORTAL 2

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

1/12/2021 10:28:51 AM c:\pwworkingdir\sener-us-pw-bentley.com_sener-us-pw-01\ca\ca\corcoba\dms28519\PB-CV-Y1001-EA.dgn

corcoba



ACCESS ROAD PORTAL 1 "AR1"
PROFILE

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

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
F.DEJESUS
DRAWN BY
A.CAMACHO
CHECKED BY
R.RODRIGUEZ
IN CHARGE
A.RELANO
DATE
02/26/2021

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

**NOT FOR
CONSTRUCTION**



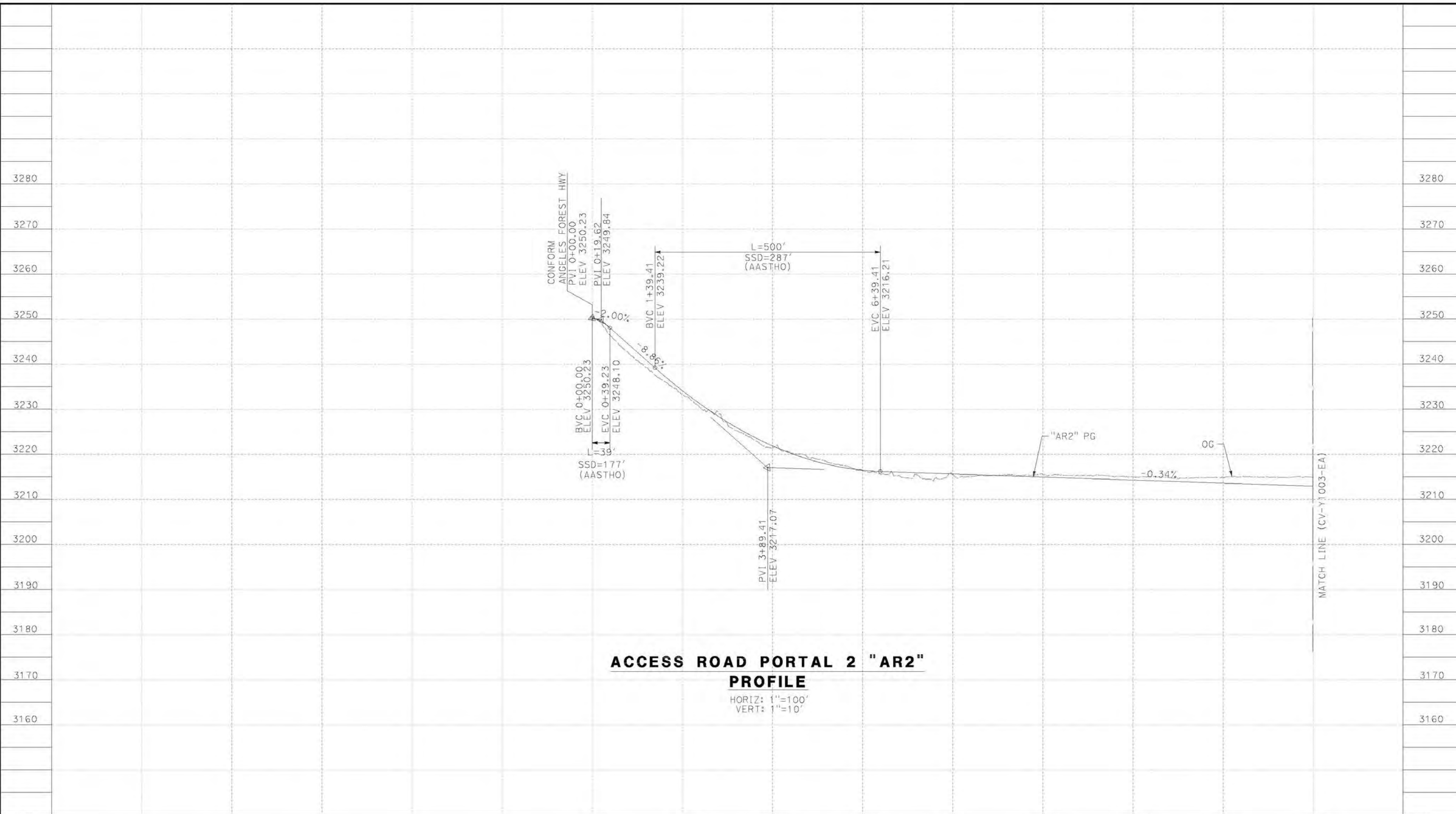
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1A/E2A"
ACCESS ROAD PROFILE
PORTAL 1

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

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1/8/2021 3:58:20 PM

cordoba



ACCESS ROAD PORTAL 2 "AR2"
PROFILE
 HORIZ: 1"=100'
 VERT: 1"=10'

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

DESIGNED BY
F. DE JESUS
 DRAWN BY
A. CAMACHO
 CHECKED BY
R. RODRIGUEZ
 IN CHARGE
A. RELANO
 DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1A/E2A"
 ACCESS ROAD PROFILE
 PORTAL 2 (1/2)

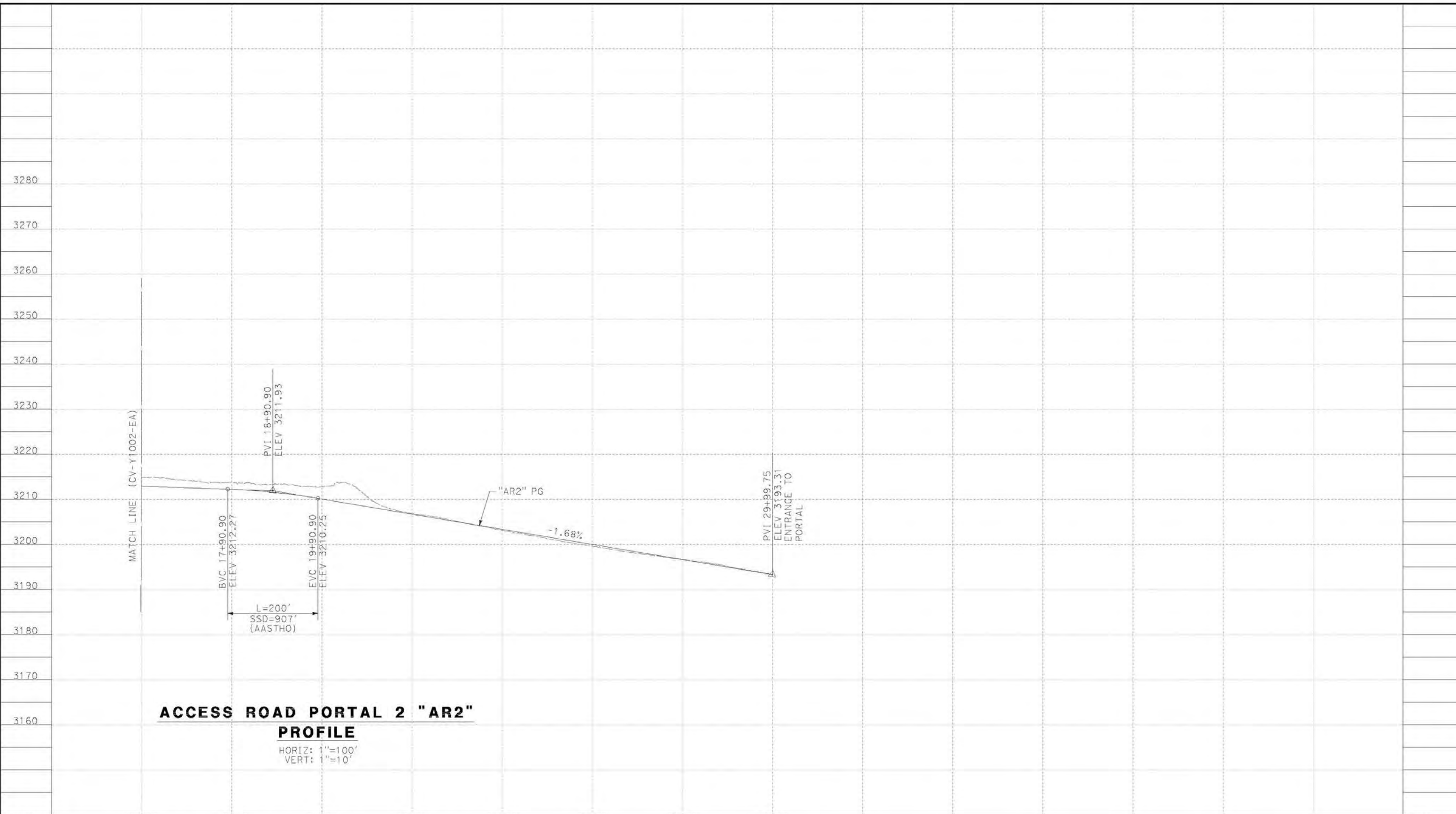
CONTRACT NO.
HSR14-42
 DRAWING NO.
CV-Y1002-EA
 SCALE
AS SHOWN
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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1/8/2021 4:02:58 PM

cordo



**ACCESS ROAD PORTAL 2 "AR2"
PROFILE**

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

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

DESIGNED BY
F.DEJESUS
DRAWN BY
A.CAMACHO
CHECKED BY
R.RODRIGUEZ
IN CHARGE
A.RELANO
DATE
02/26/2021

PEPD RECORD SET
ADDENDUM
SR14A/E1A/E2A

NOT FOR
CONSTRUCTION



**CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK**
ALIGNMENT "E1A/E2A"
ACCESS ROAD PROFILE
PORTAL 2 (2/2)

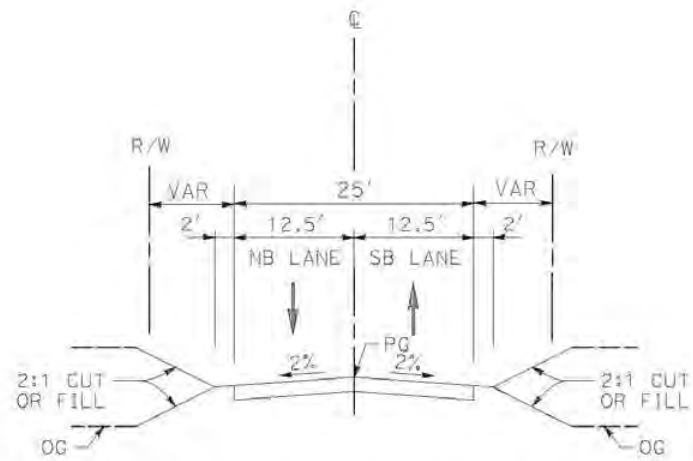
CONTRACT NO.
HSR14-42
DRAWING NO.
CV-Y1003-EA
SCALE
AS SHOWN
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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cordo



ACCESS ROADS E1A/E2A PORTALS

PORTAL 1
 STA 0+00.00 TO STA 17+25.14 (ACCESS ROAD PORTAL 1)
 PORTAL 2
 STA 0+00.00 TO STA 29+99.75 (ACCESS ROAD PORTAL 2)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
F.DEJESUS
 DRAWN BY
D.CORDOBA
 CHECKED BY
R.RODRIGUEZ
 IN CHARGE
A.RELANO
 DATE
02/26/2021

PEPD RECORD SET
 ADDENDUM
 SR14A/E1A/E2A
 NOT FOR
 CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1A/E2A"
 ACCESS ROADS TYPICAL SECTIONS
 PORTALS E1A/E2A

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