

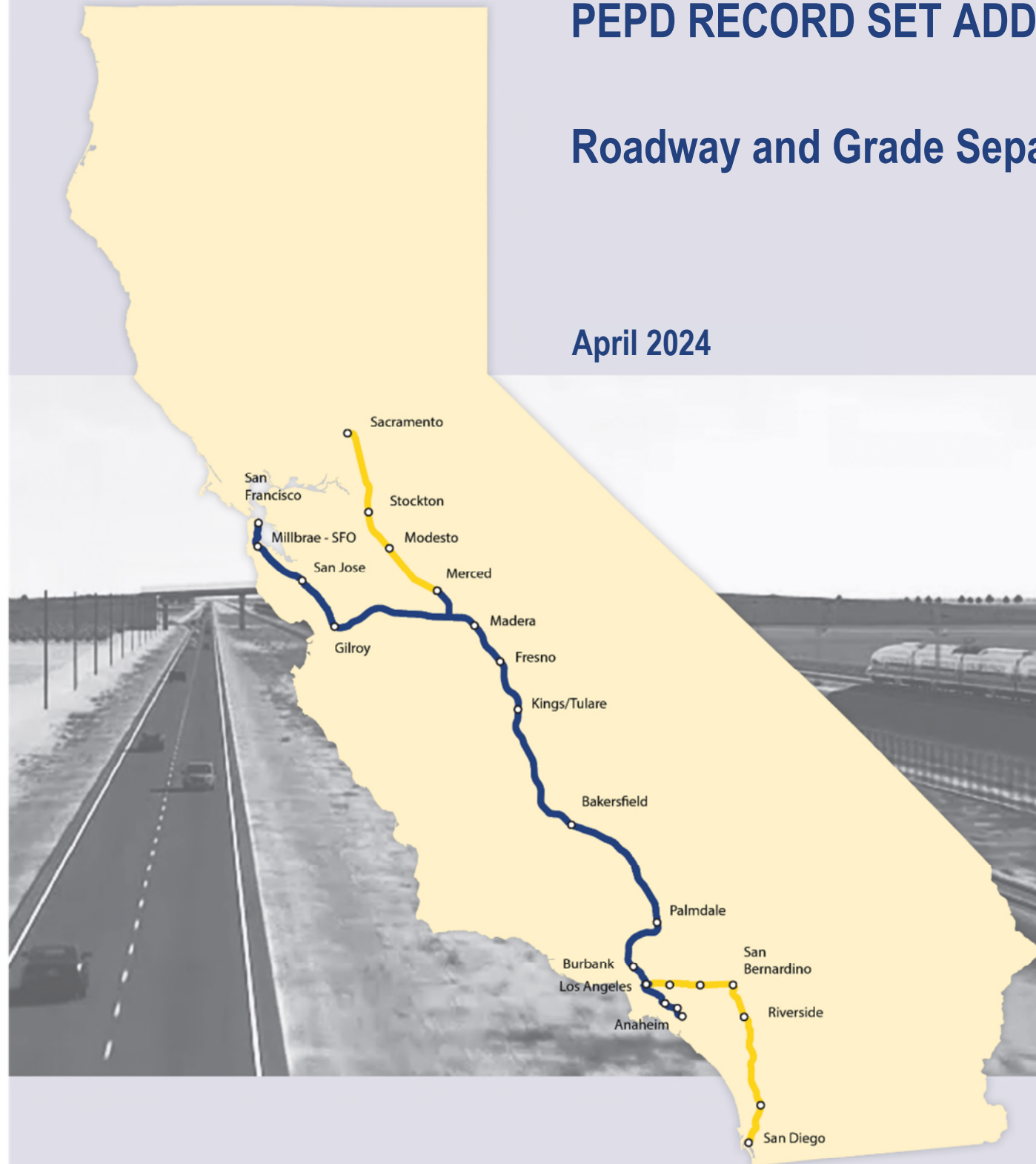
California High-Speed Rail Authority

# Palmdale to Burbank Project Section

PEPD RECORD SET ADDENDUM SR14A / E1A / E2A

Roadway and Grade Separation Plans

April 2024



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

## ROADWAY/ GRADE SEPARATION/ 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 PROFILE - EAST 10TH STREET
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 - EAST 10TH STREET (1/2)
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)
	GRADE SEPARATION PROFILE - AVENUE S (1/2)
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 PROFILE - PORTAL 1
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 PROFILE - EAST 10TH STREET
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
	ROADWAY TYPICAL SECTIONS - EAST 10TH STREET (1/2)
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
	GRADE SEPARATION PLANS, PROFILES AND TYPICAL SECTIONS
CV-T4001-EA	GRADE SEPARATION PLAN - AVENUE S (1/2)
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 PROFILE - AVENUE S (1/2)
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 - SIERRA HIGHWAY
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 PROFILE - PORTAL 1
CV-Y1001-EA	ACCESS ROAD PROFILE - PORTAL 1
CV-Y1002-EA	ACCESS ROAD PROFILE - PORTAL 2 (1/2)
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	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  
 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  
 PCP 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  
 PL, PL PLATE  
 P/L PROPERTY LINE  
 PM POST MILE, TIME FROM NOON TO MIDNIGHT  
 PN PAVING NOTCH  
 POB POINT OF BEGINNING  
 POC POINT OF HORIZONTAL CURVE  
 POE POINT OF ENDING  
 POT POINT OF TANGENT  
 POVC POINT OF VERTICAL CURVE  
 PP PIPE PILE, PLASTIC PIPE, POWER POLE  
 PPEF PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT

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

**P CONTINUED**

PVMT PAVEMENT  
 PVP MAINTENANCE VEHICLE PULLOUT PAVEMENT  
 PVP MAINTENANCE VEHICLE PULLOUT

**Q**

QTY QUANTITY

**R**

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

**S**

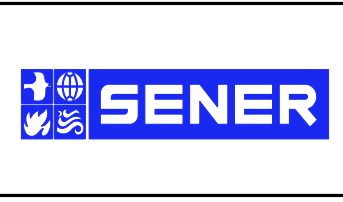
S SOUTH, SUPPLEMENT  
 SAE STRUCTURE APPROACH EMBANKMENT  
 SALV SALVAGE  
 SB SOUTHBOUND  
 SC SPIRAL TO CURVE  
 SCRRA SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY  
 SD STORM DRAIN  
 SEC SECOND  
 SECT SECTION  
 SEP SEPARATION  
 SG SUBGRADE  
 SHLD SHOULDER  
 SHT SHEET  
 SIM SIMILAR  
 S STATION 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.RELAÑO  
 DATE  
02/26/2021

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

**NOT FOR  
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**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  
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 SHEET NO.



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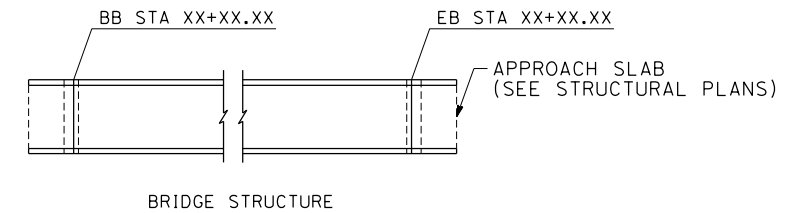
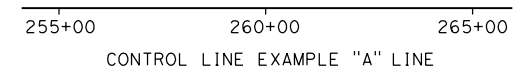
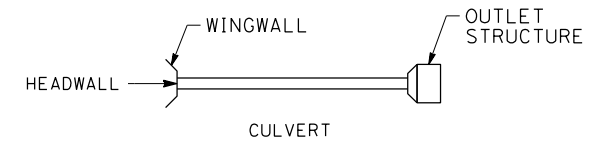
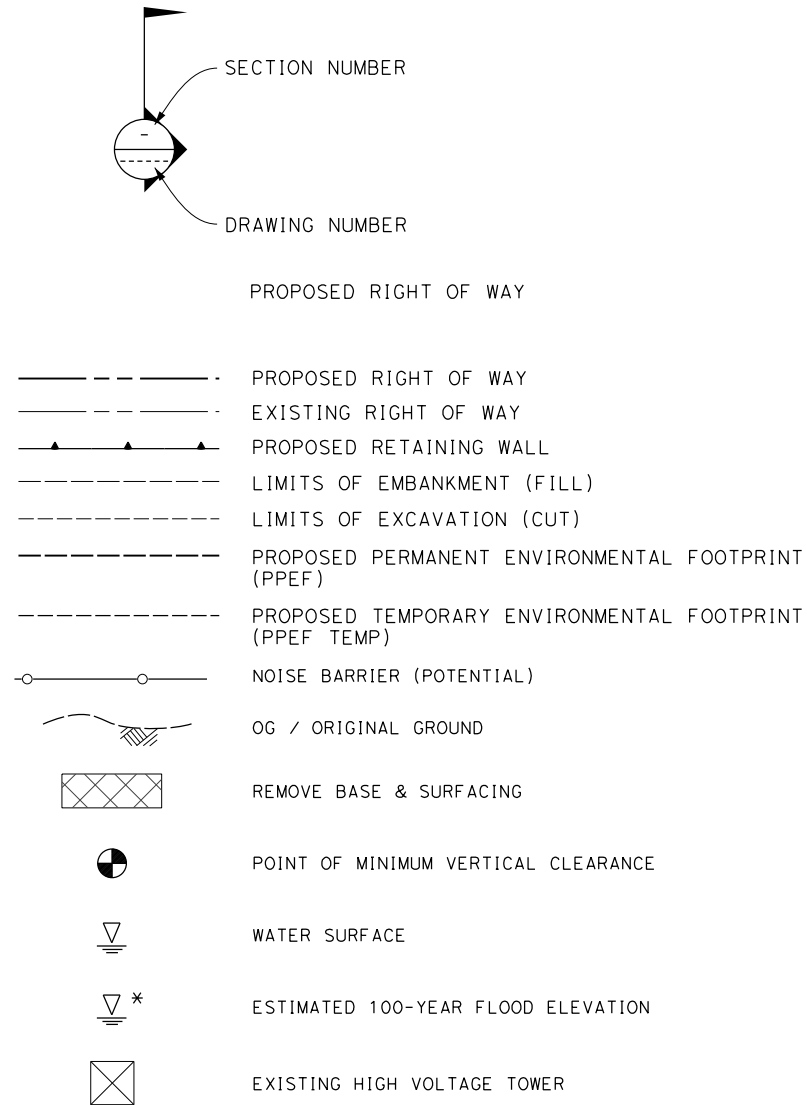
Y

SYM	SYMMETRICAL	YR	YEAR
	T	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		
UC	UNDERCROSSING		
UD	UNDERDRAIN		
UON	UNLESS OTHERWISE NOTED		
UP	UNDERPASS		
UPRR	UNION PACIFIC RAILROAD		
USFWS	UNITED STATES FISH AND WILDLIFE SERVICE		
	V		
V	VALVE, DESIGN SPEED		
VAR	VARIABLE		
VC	VERTICAL CURVE		
VERT	VERTICAL		
VIA	VIADUCT		
VOL	VOLUME		
	W		
W	WEST, WIDTH		
WB	WESTBOUND		
WH	WEEP HOLE		
WM	WIRE MESH		
WS	WATER SURFACE		
WT	WEIGHT		
WW	WINGWALL		
WWLOL	WINGWALL LAYOUT LINE		
W/	WITH		
	X		
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

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A  
  
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**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "SR14A/E1A/E2"  
ROADWAYS AND GRADE SEPARATIONS  
ABBREVIATIONS AND LEGEND

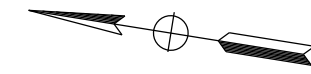
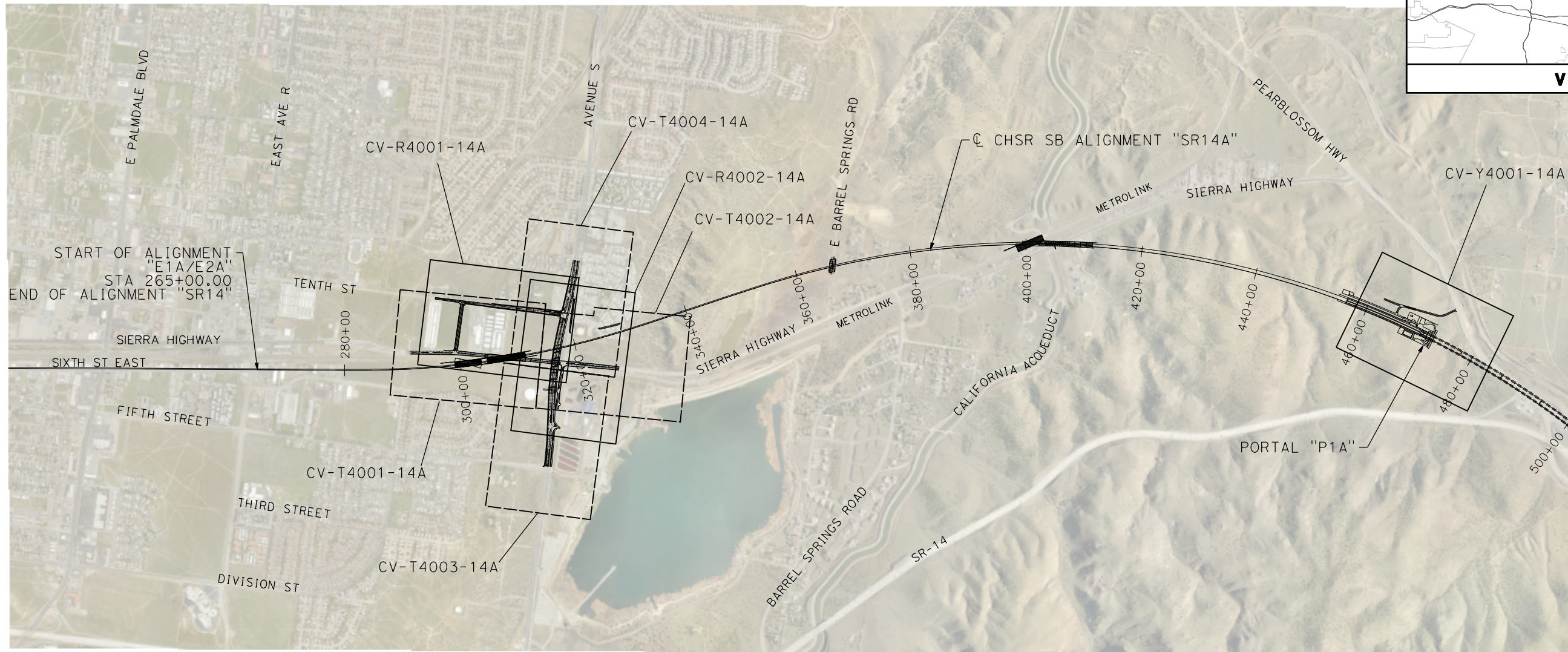
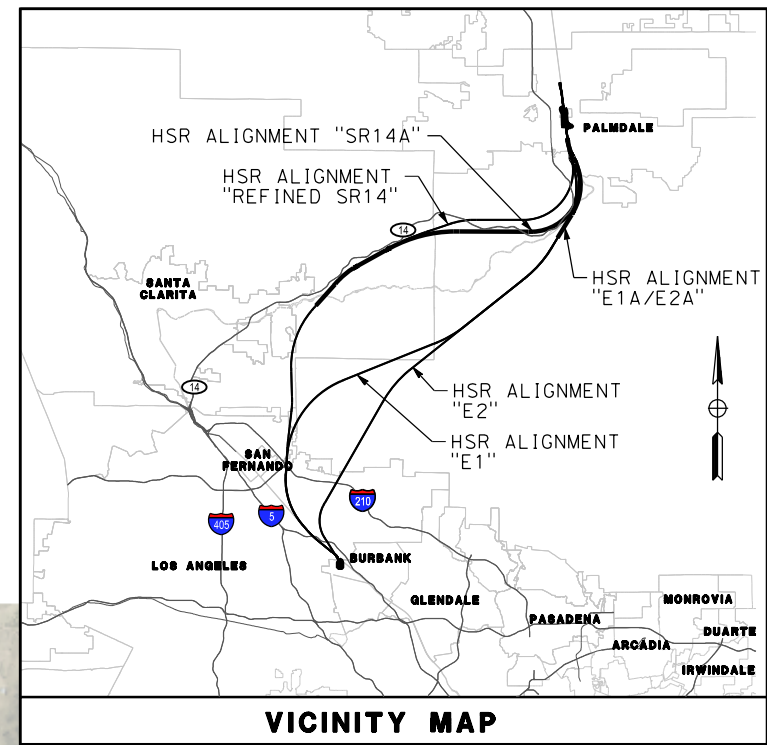
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-B0003  
SCALE  
NO SCALE  
SHEET NO.



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**LEGEND:**

- ROADWAY PLAN AND ACCESS ROAD PLAN
- 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  
DATE  
02/26/2021

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



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "SR14A"  
ROADWAYS AND GRADE SEPARATIONS  
KEY MAP (1/2)

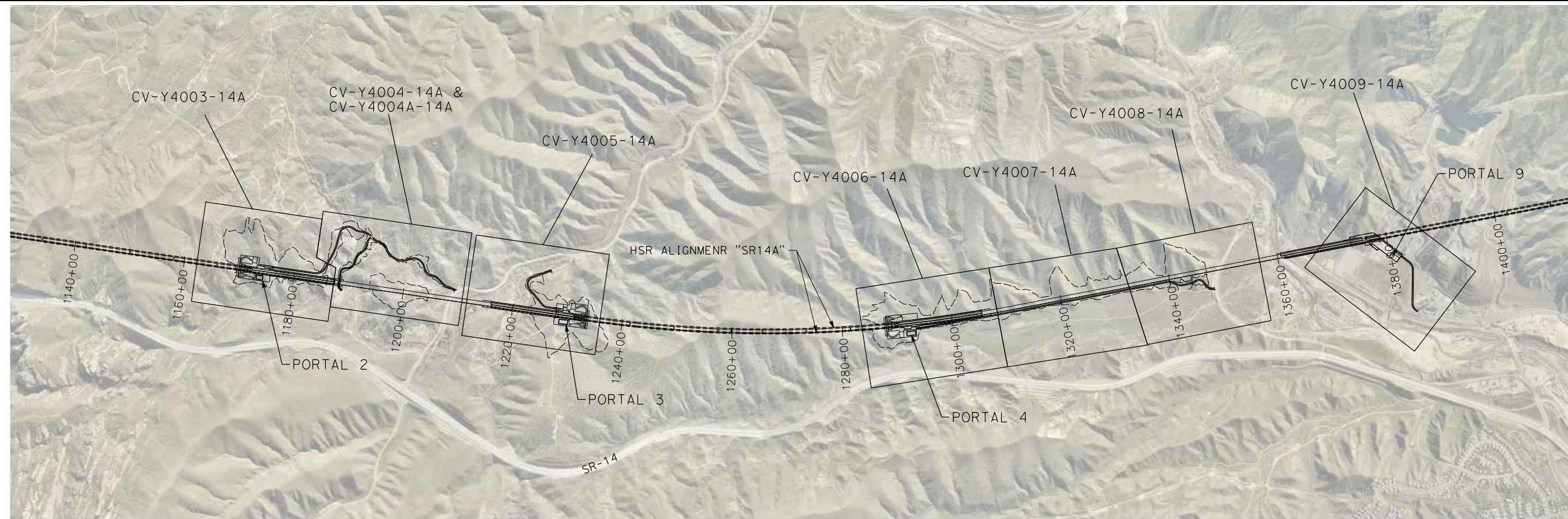
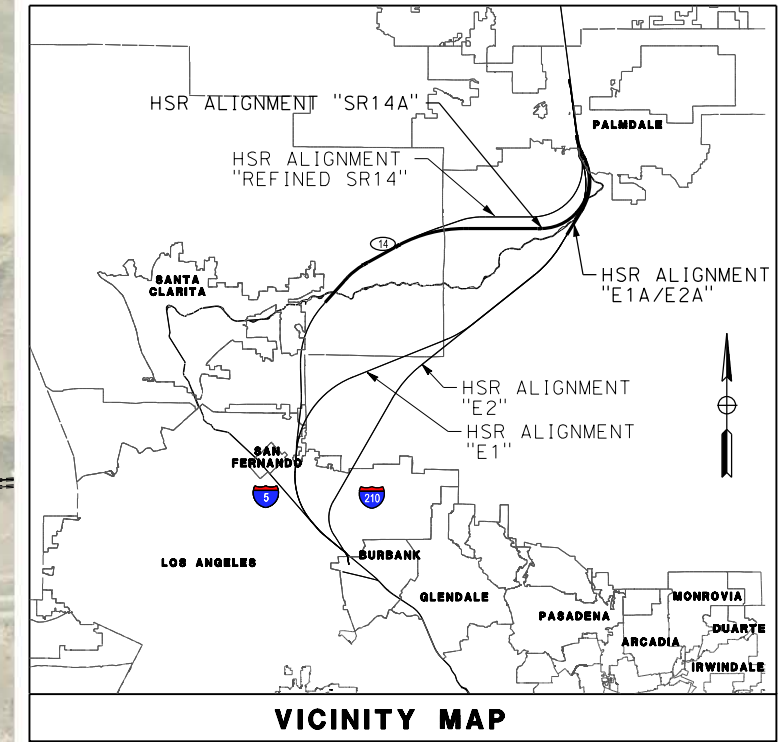
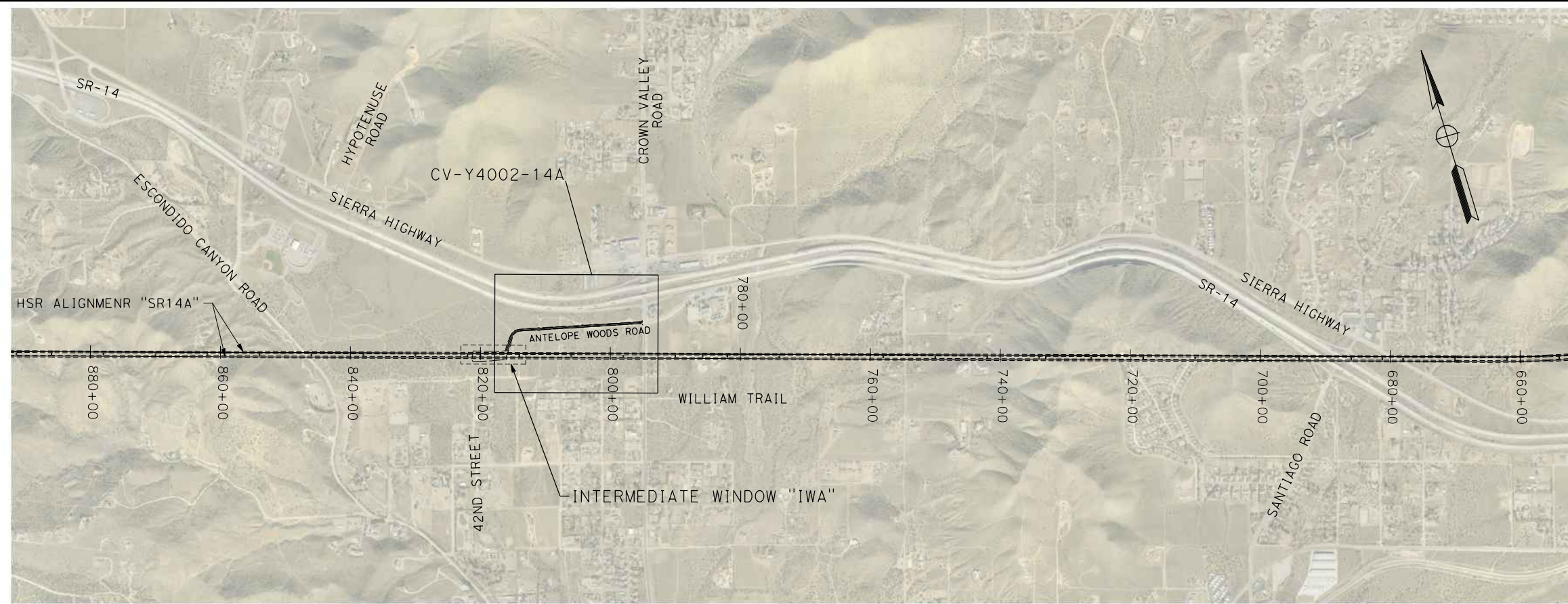
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-B0001-14A  
SCALE  
AS SHOWN  
SHEET NO.



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04Z0008



**LEGEND:**

- ROADWAY PLAN AND ACCESS ROAD PLAN
- GRADE SEPARATION PLAN

1"=1000'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
A.CAMACHO  
CHECKED BY  
R.RODRIGUEZ  
IN CHARGE  
A.RELANO  
DATE  
10/31/2023

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

**NOT FOR  
CONSTRUCTION**



**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.

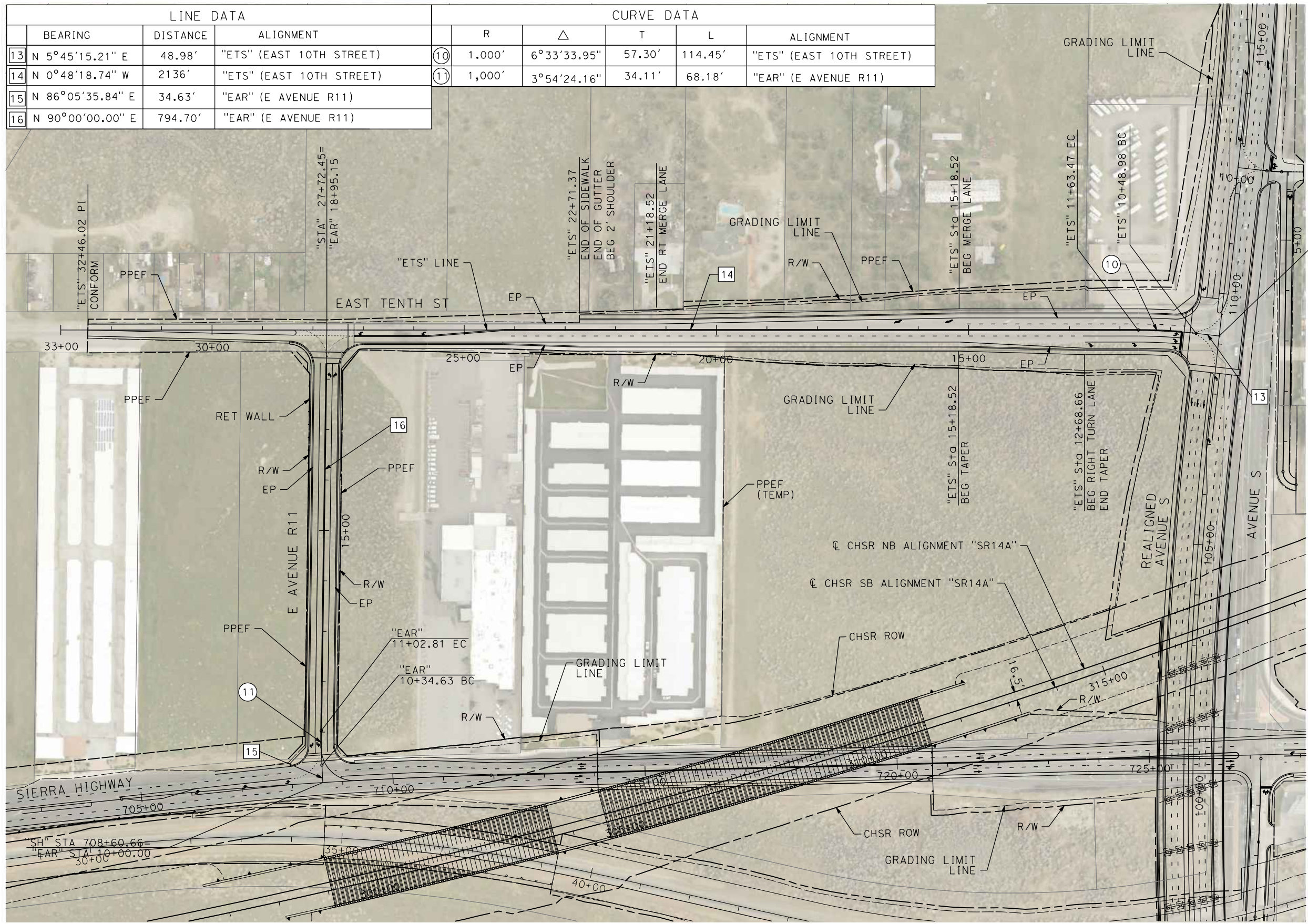


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11/16/2023 1:16:20 PM

04Z0008

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)						



"ETS" 10+00.00=  
"EAS" STA 109+15.28

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
I.LAQUIDAIN  
IN CHARGE  
A.RELANO  
DATE  
04/28/2023

**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

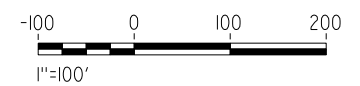
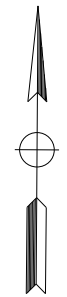
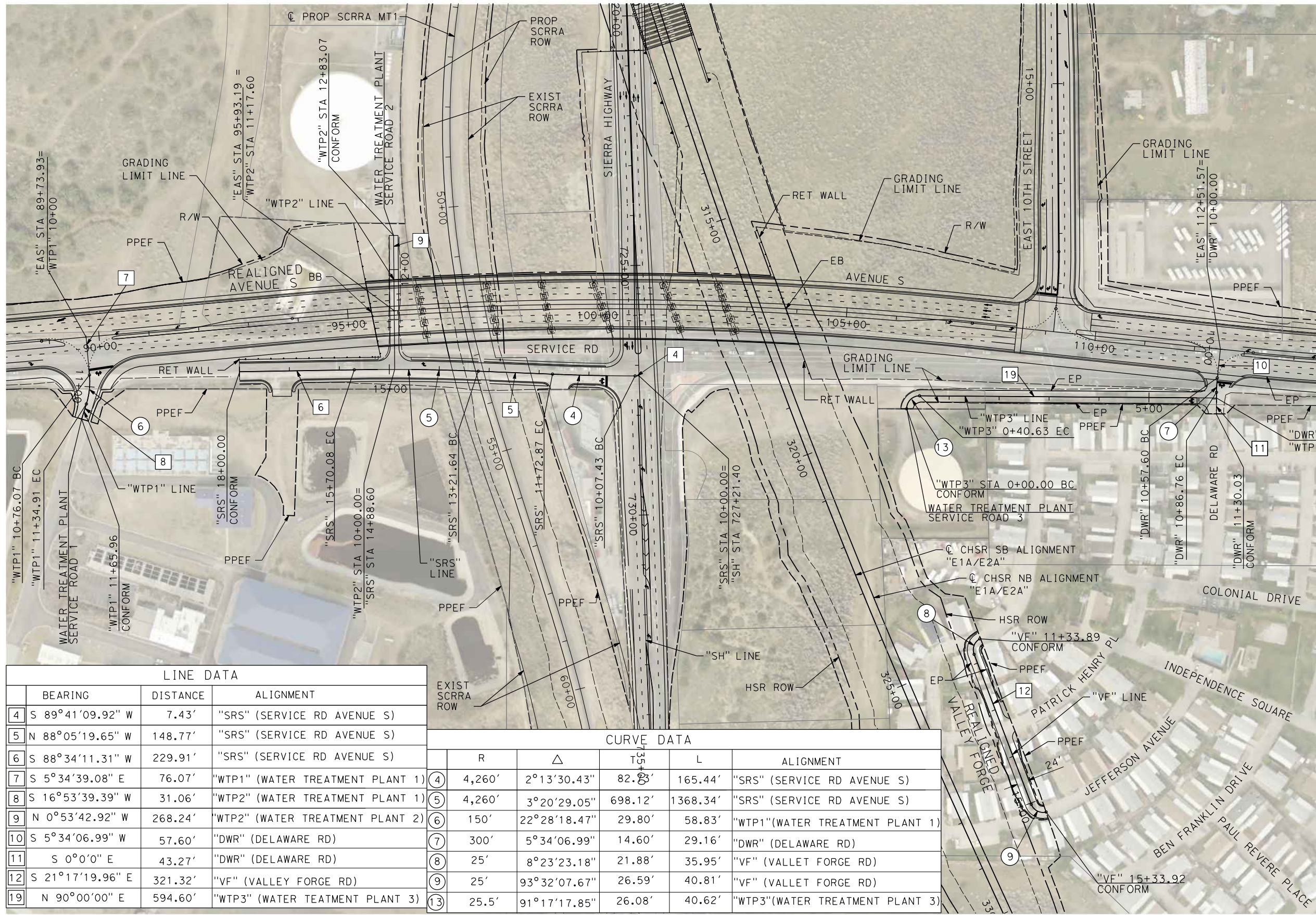
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-R4001-14A  
SCALE  
AS SHOWN  
SHEET NO.



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11/16/2023 1:16:35 PM

04Z0008



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	31.06'	"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	43.27'	"DWR" (DELAWARE RD)
12	S 21°17'19.96" E	321.32'	"VF" (VALLEY FORGE RD)
19	N 90°00'00" E	594.60'	"WTP3" (WATER TREATMENT PLANT 3)

CURVE DATA					
	R	Δ	T	L	ALIGNMENT
4	4,260'	2°13'30.43"	82.83'	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 1)
7	300'	5°34'06.99"	14.60'	29.16'	"DWR" (DELAWARE RD)
8	25'	8°23'23.18"	21.88'	35.95'	"VF" (VALLEY FORGE RD)
9	25'	93°32'07.67"	26.59'	40.81'	"VF" (VALLEY FORGE RD)
13	25.5'	91°17'17.85"	26.08'	40.62'	"WTP3"(WATER TREATMENT PLANT 3)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
I.LAQUIDAIN  
IN CHARGE  
A.RELANO  
DATE  
04/28/2023

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

**NOT FOR  
CONSTRUCTION**



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

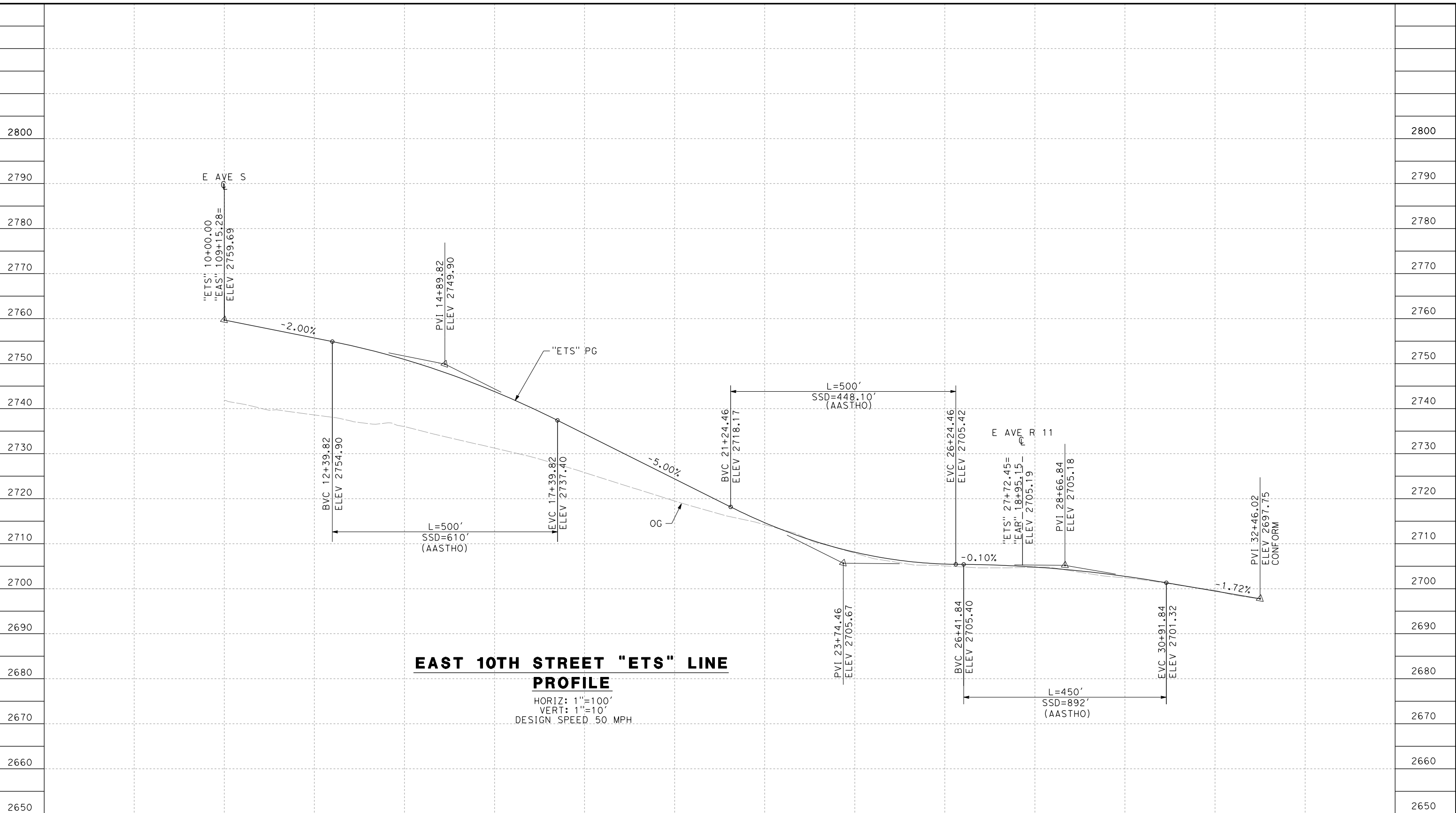
ALIGNMENT "SR14A"  
ROADWAY PLAN  
WATER TREATMENT PLANT ACCESS ROADS, DELAWARE RD &  
VALLEY FORGE RD

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



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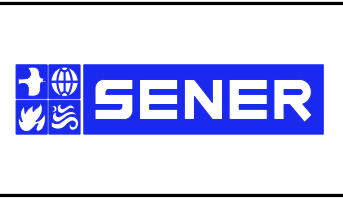


STATION	10+00	12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	30+00	32+00	34+00	TOTAL
Exc														
Emb														

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**

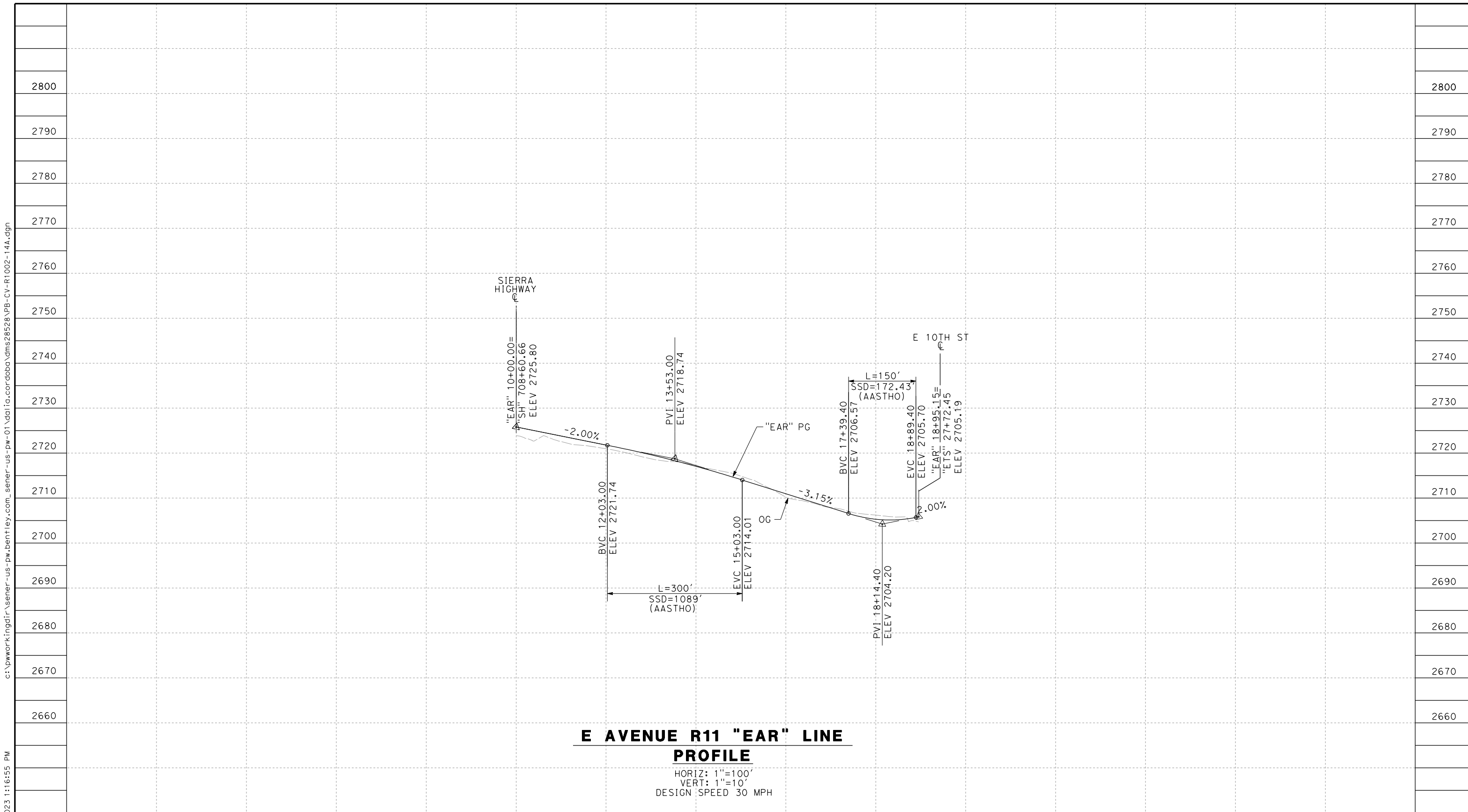
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 ROADWAY PROFILE  
 EAST 10TH STREET

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

REV	DATE	BY	CHK	APP	DESCRIPTION

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**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								

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**D. CORDOBA**

DRAWN BY  
**A. CAMACHO**

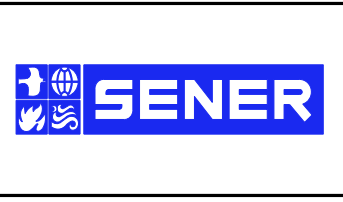
CHECKED BY  
**R. RODRIGUEZ**

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  
E AVENUE R11

CONTRACT NO.  
HSR14-42

DRAWING NO.  
CV-R1002-14A

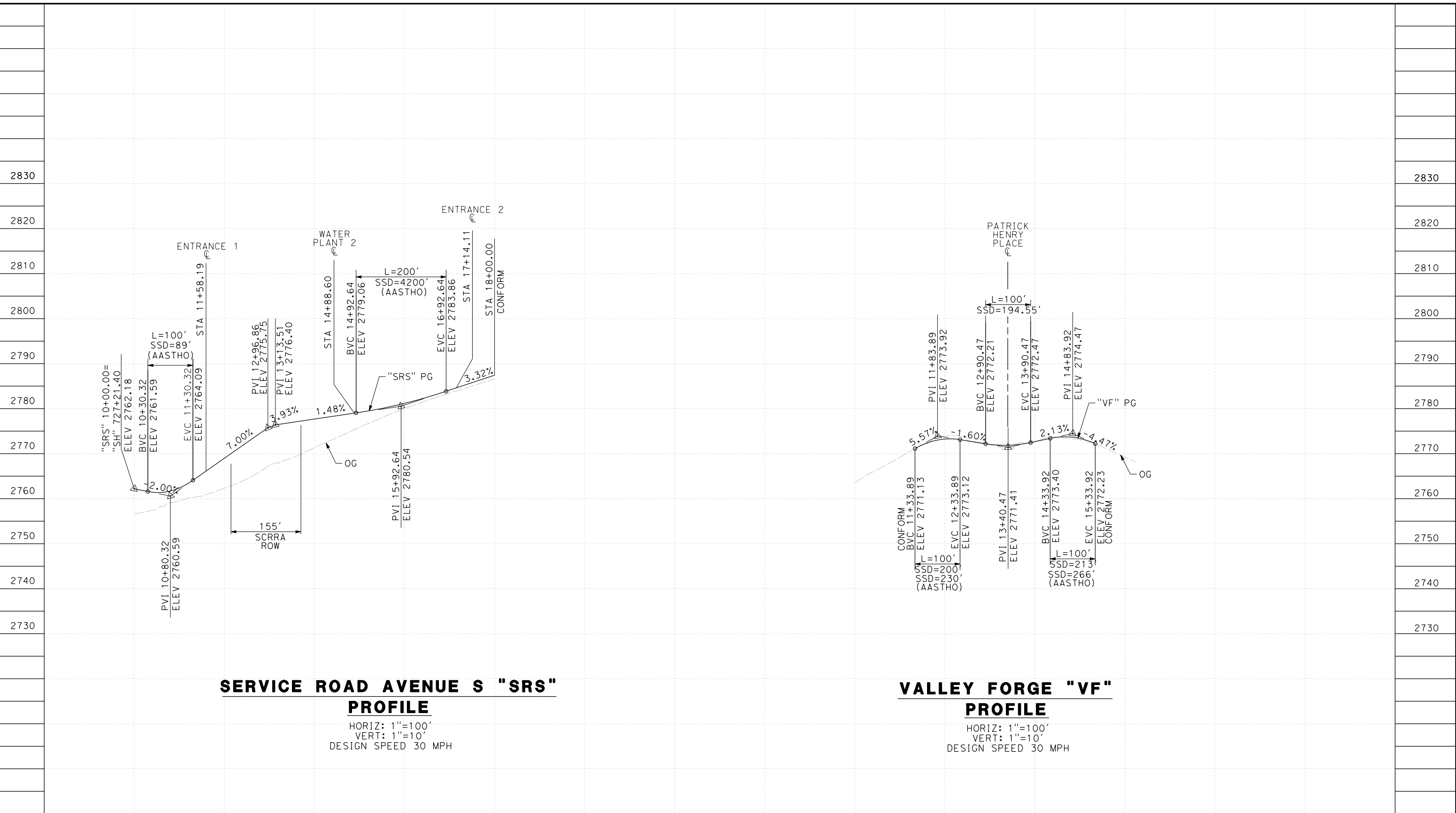
SCALE  
AS SHOWN

SHEET NO.



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**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**

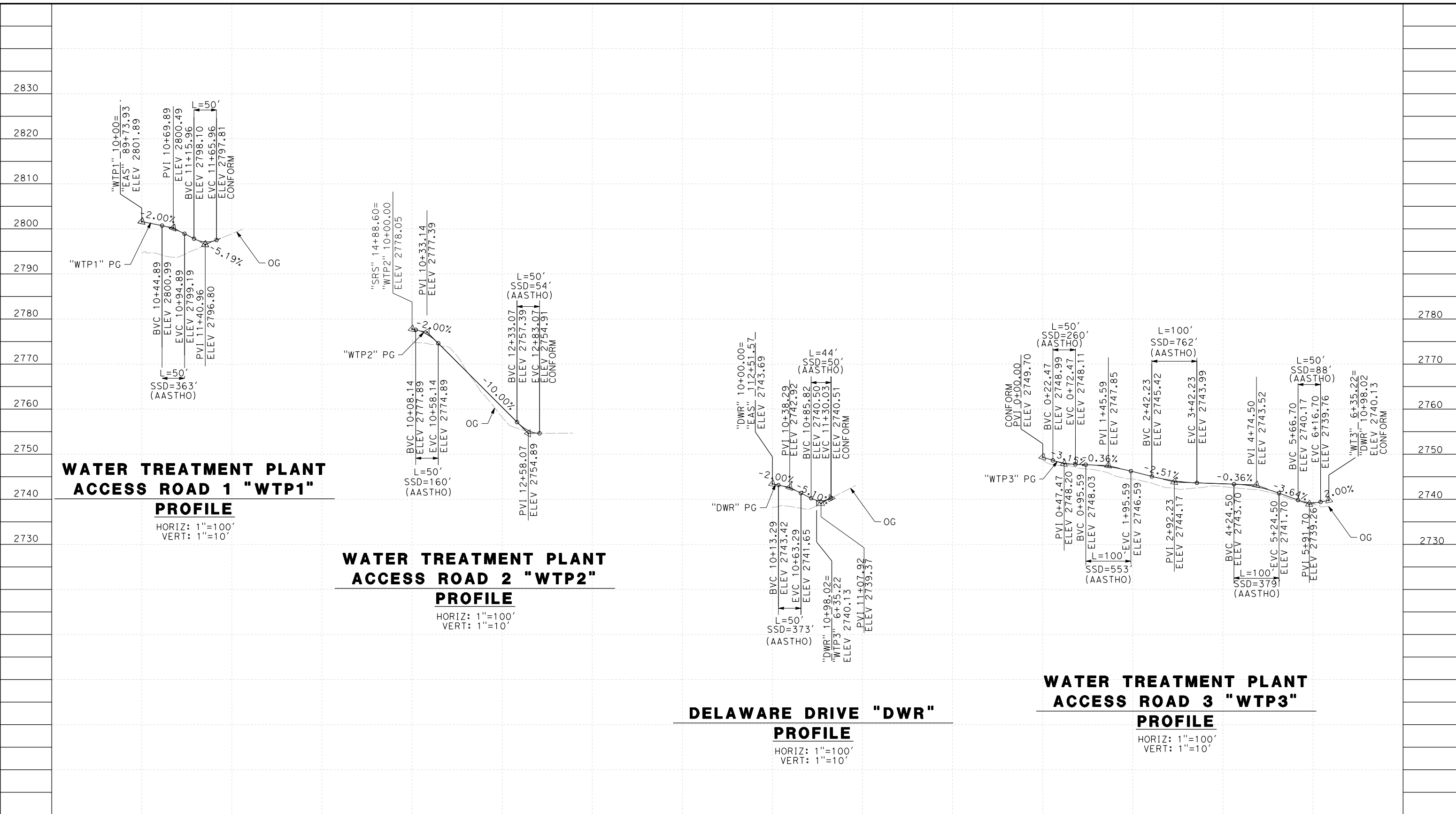
ALIGNMENT "SR14A"  
 ROADWAY PROFILE  
 SERVICE ROAD AVENUE S & VALLEY FORGE ROAD

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

REV	DATE	BY	CHK	APP	DESCRIPTION

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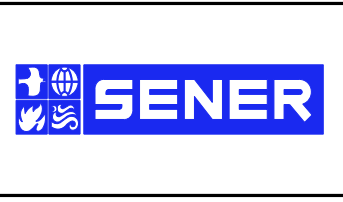
STATION	10+00	12+00	10+00	12+00	10+00	12+00	0+00	2+00	4+00	6+00	TOTAL
CY	Exc										
	Emb										

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
 DRAWN BY  
D.CORDOBA  
 CHECKED BY  
I.LAQUIDAIN  
 IN CHARGE  
A.RELANO  
 DATE  
04/28/2023

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

**NOT FOR  
 CONSTRUCTION**



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

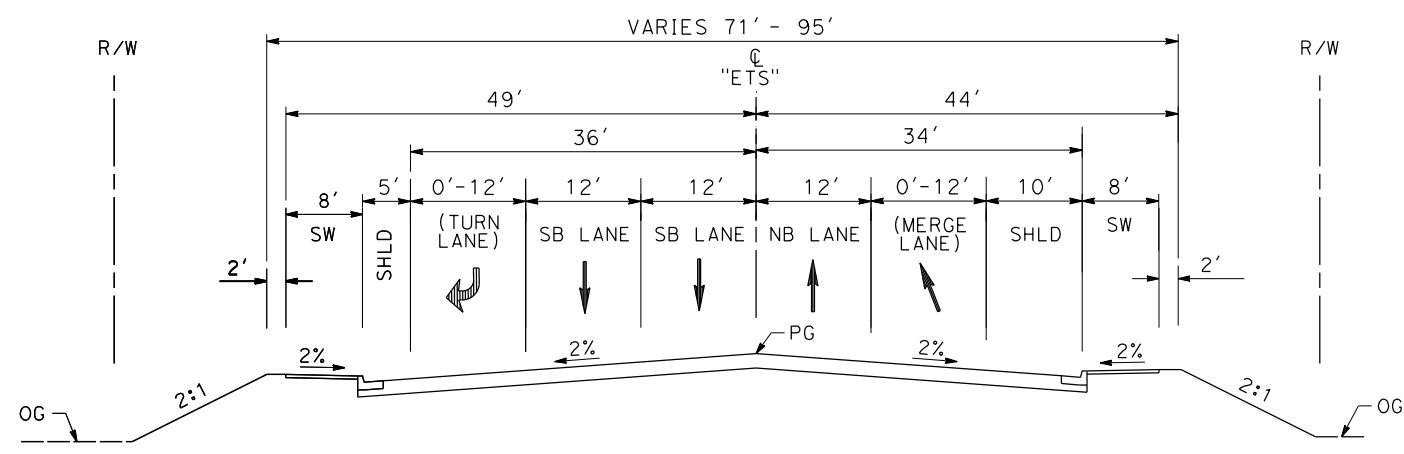
ALIGNMENT "SR14A"  
 ROADWAY PROFILE  
 WATER TREATMENT PLANT ACCESS ROADS & DELAWARE RD

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

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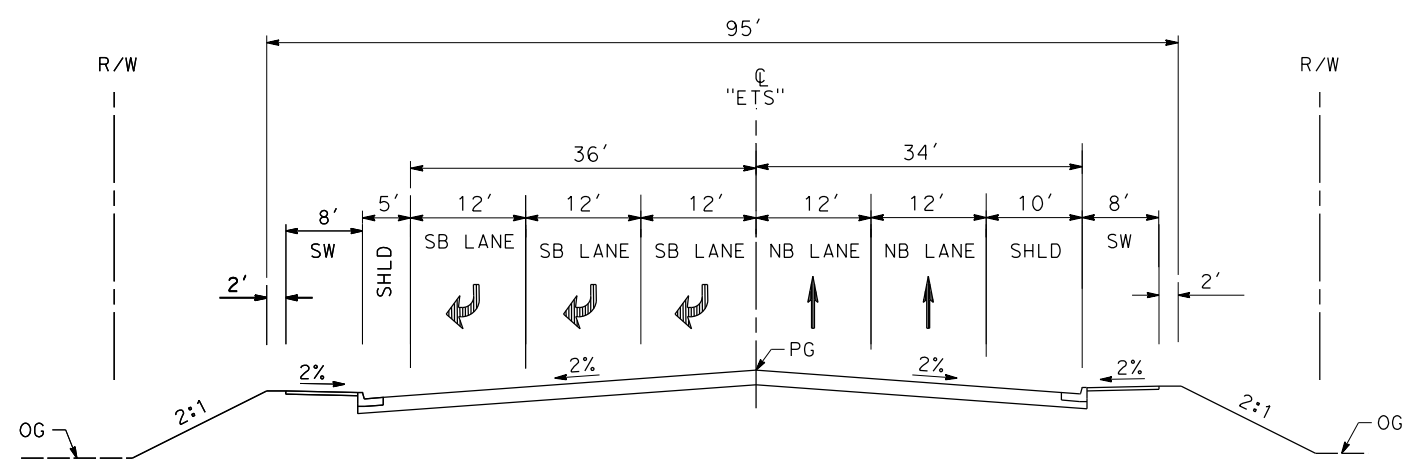
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04Z0008



**EAST 10TH ST**

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



**EAST 10TH ST**

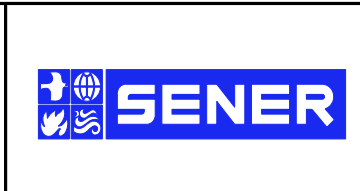
STA 10+76.75 TO STA 12+68.66  
SECONDARY ARTERIAL  
PER CITY OF PALMDALE GENERAL PLAN

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**

**NOT FOR  
CONSTRUCTION**

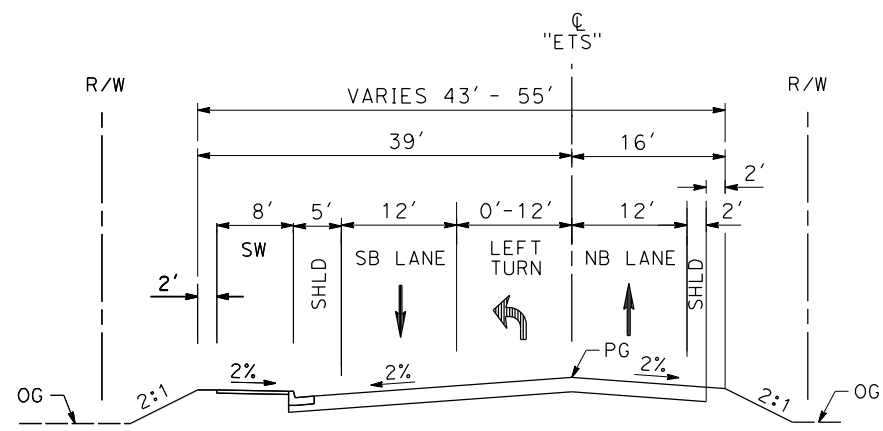


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**

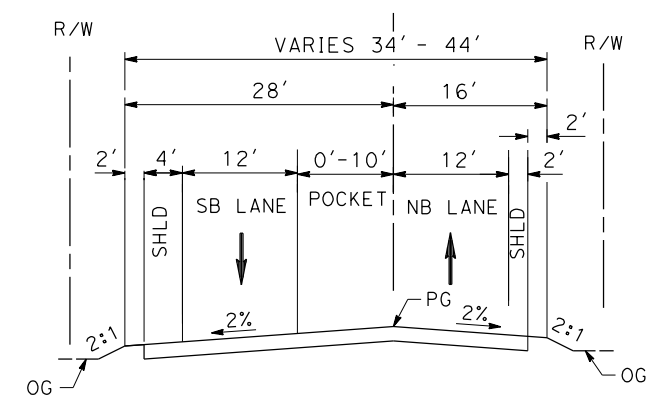
ALIGNMENT "SR14A"  
ROADWAY TYPICAL SECTIONS  
EAST 10TH STREET (1/2)

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-R3001-14A  
SCALE  
AS SHOWN  
SHEET NO.

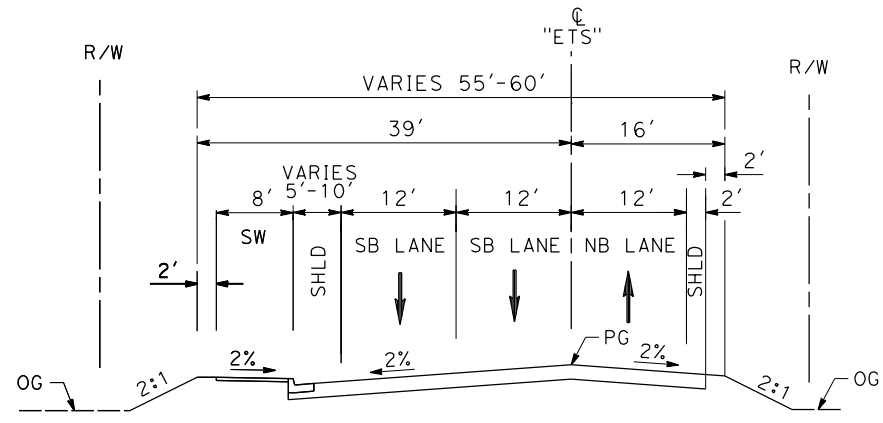




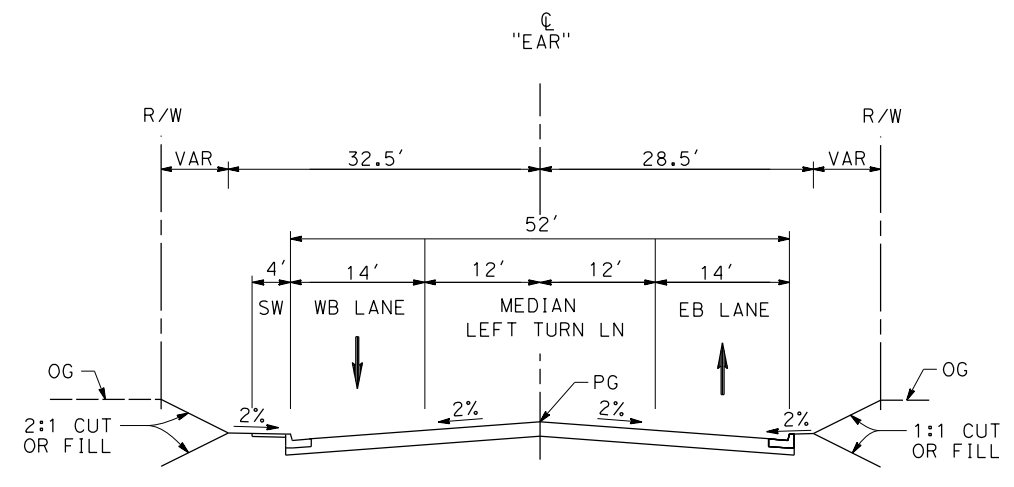
**EAST 10TH ST**  
 STA 24+22.42 TO STA 27+49.52  
 SECONDARY ARTERIAL  
 PER CITY OF PALMDALE GENERAL PLAN



**EAST 10TH ST**  
 STA 27+49.52 TO STA STA 32+46.02  
 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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11/16/2023 1:17:09 PM

04Z0008

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**

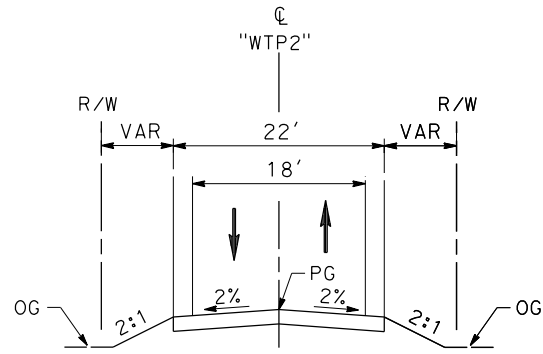
**NOT FOR  
 CONSTRUCTION**



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

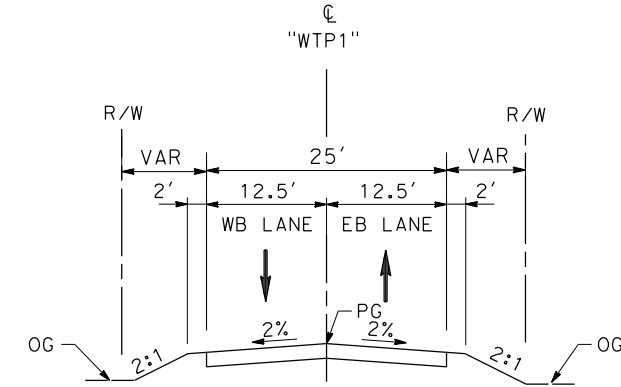
ALIGNMENT "SR14A"  
 ROADWAY TYPICAL SECTIONS  
 EAST 10TH STREET (2/2) & E AVENUE R11

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



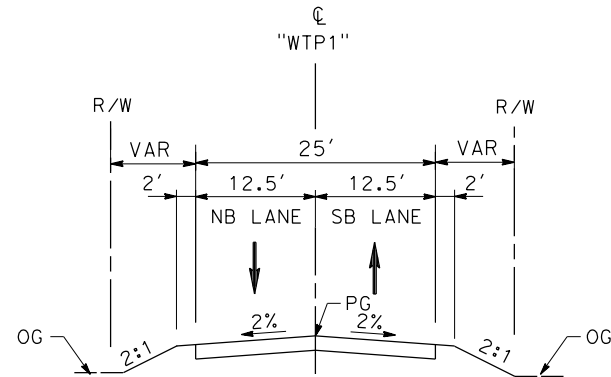
**WATER TREATMENT PLANT  
ACCESS ROAD 2**

STA 10+00 TO STA 12+83.07



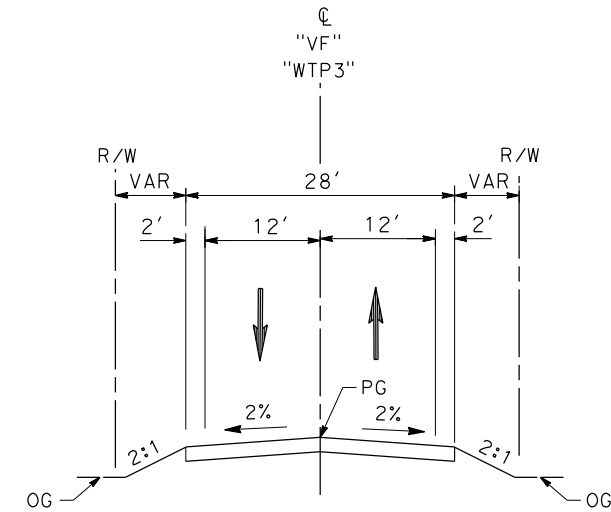
**DELAWARE RD**

STA 10+00 TO STA 11+30.03



**WATER TREATMENT PLANT  
ACCESS ROAD 1**

STA 10+00 TO STA 11+65.96



**VALLEY FORGE RD**

11+33.89 TO 15+33.92

**WATER TREATMENT PLANT  
ACCESS ROAD 3**

STA 0+00 TO STA 6+35.22

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11/16/2023 1:17:12 PM

04Z0008

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
I.LAQUIDAIN  
IN CHARGE  
A.RELANO  
DATE  
04/28/2023

**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

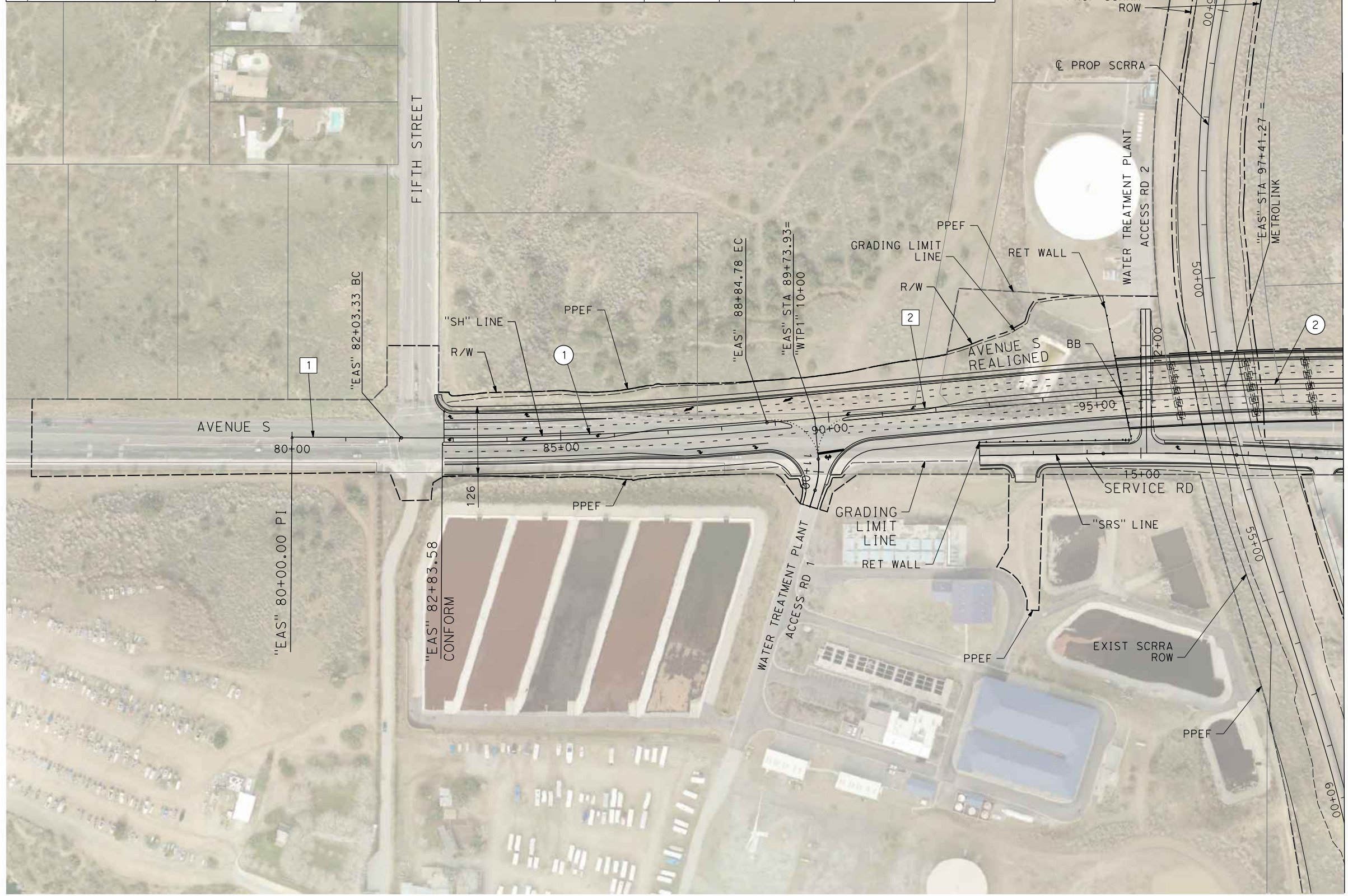
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HSR14-42  
DRAWING NO.  
CV-R3003-14A  
SCALE  
NO SCALE  
SHEET NO.

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11/16/2023 1:17:18 PM

04Z0008

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)



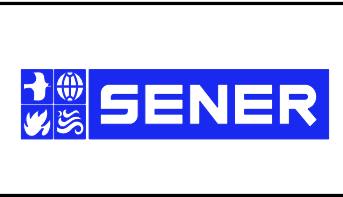
MATCH LINE (CV-T4002-14A)

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)

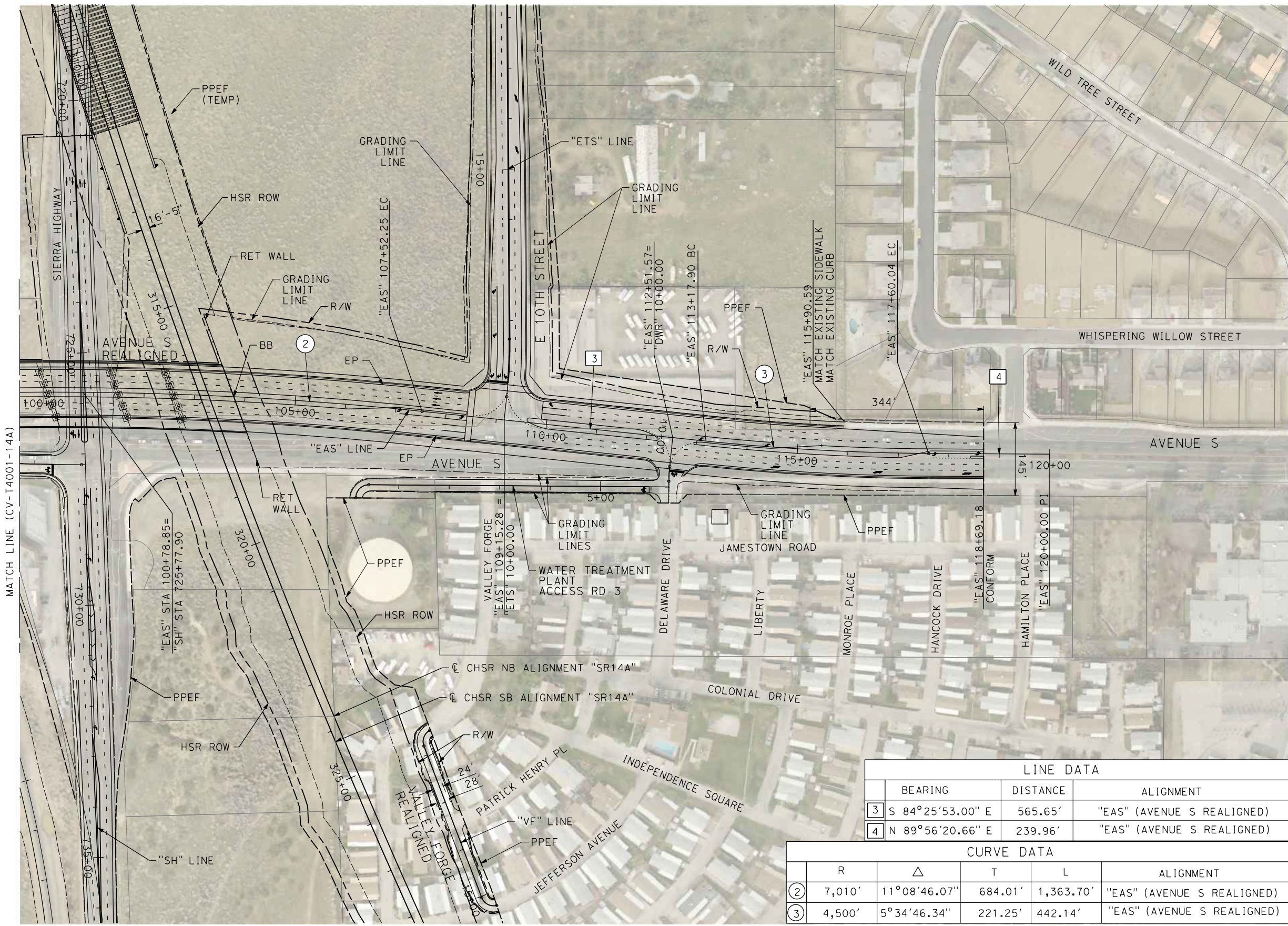
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-T4001-14A  
SCALE  
AS SHOWN  
SHEET NO.



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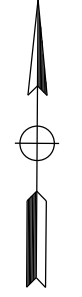
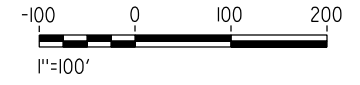
04Z0008



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  
D.CORDOBA  
CHECKED BY  
I.LAQUIDAIN  
IN CHARGE  
A.RELANO  
DATE  
04/28/2023

**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.

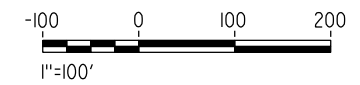
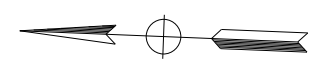
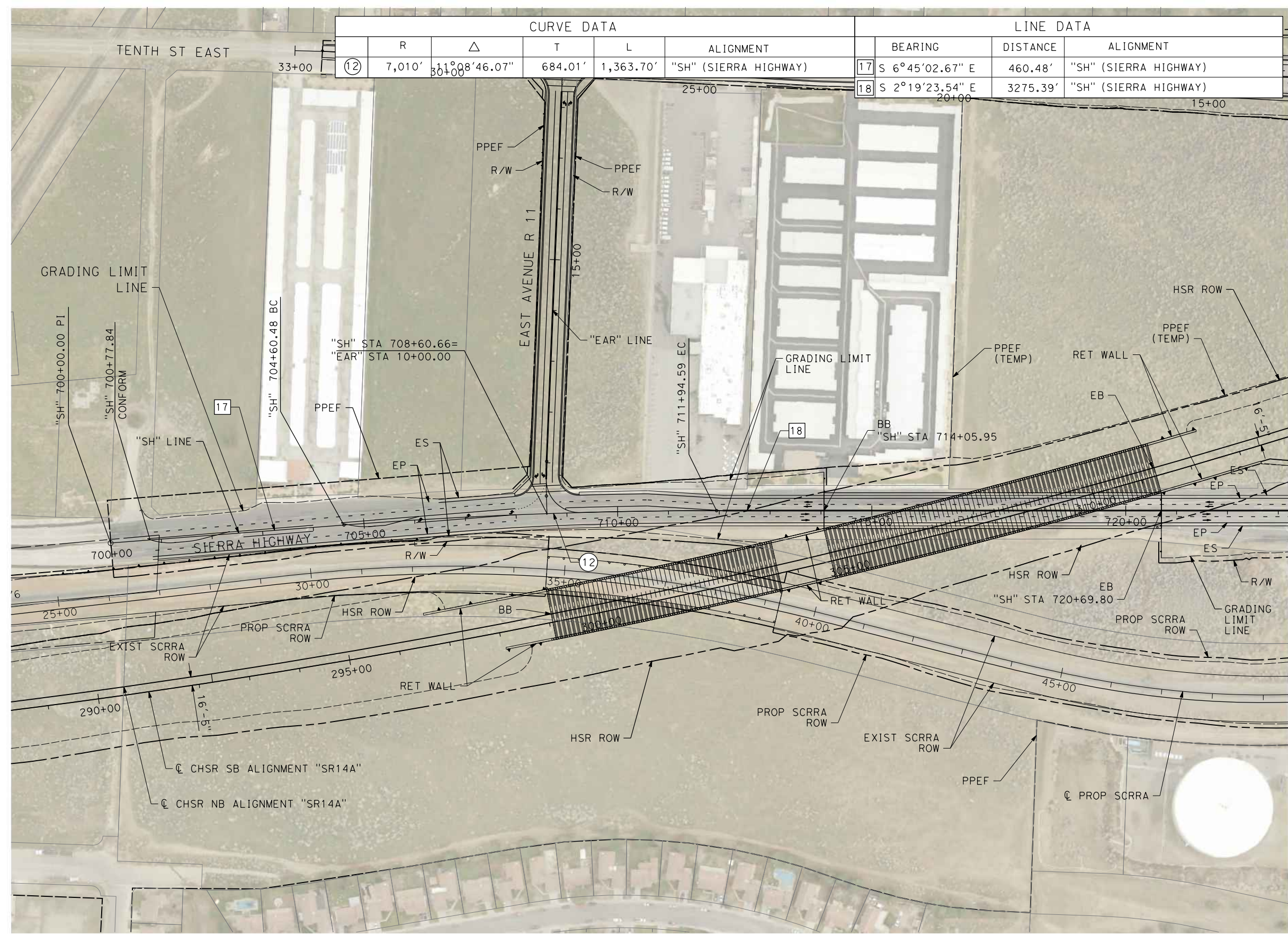


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11/16/2023 1:17:49 PM

04Z0008

CURVE DATA					LINE DATA			
	R	$\Delta$	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
(12)	7,010'	31°08'46.07"	684.01'	1,363.70'	"SH" (SIERRA HIGHWAY)	17 S 6°45'02.67" E	460.48'	"SH" (SIERRA HIGHWAY)
						18 S 2°19'23.54" E	3275.39'	"SH" (SIERRA HIGHWAY)

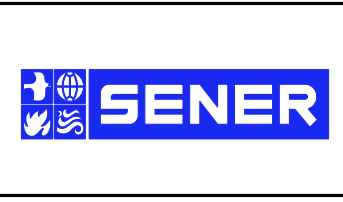


REV	DATE	BY	CHK	APP	DESCRIPTION

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.

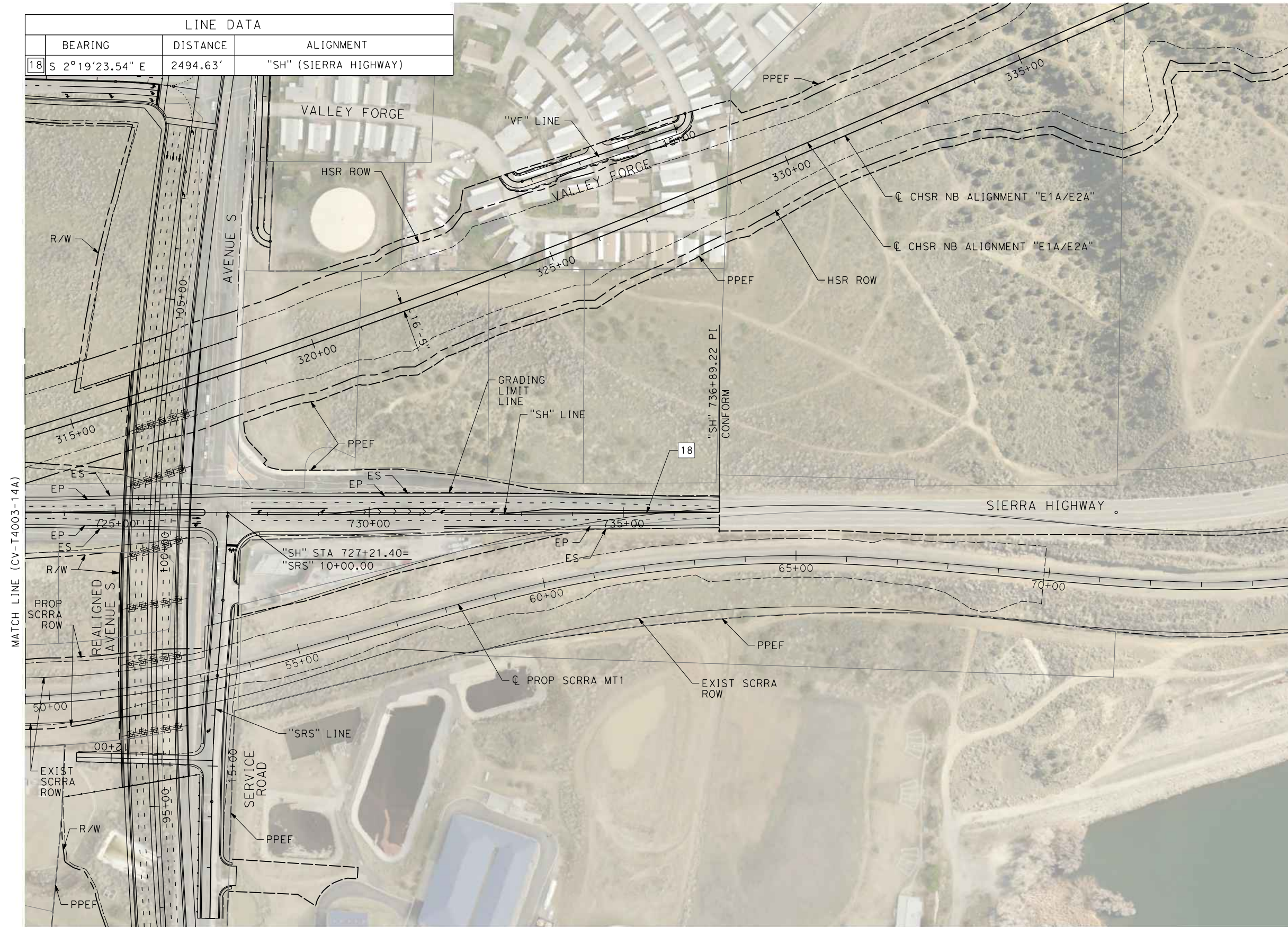


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04Z0008

04Z0008

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



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
I.LAQUIDAIN  
IN CHARGE  
A.RELANO  
DATE  
04/28/2023

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

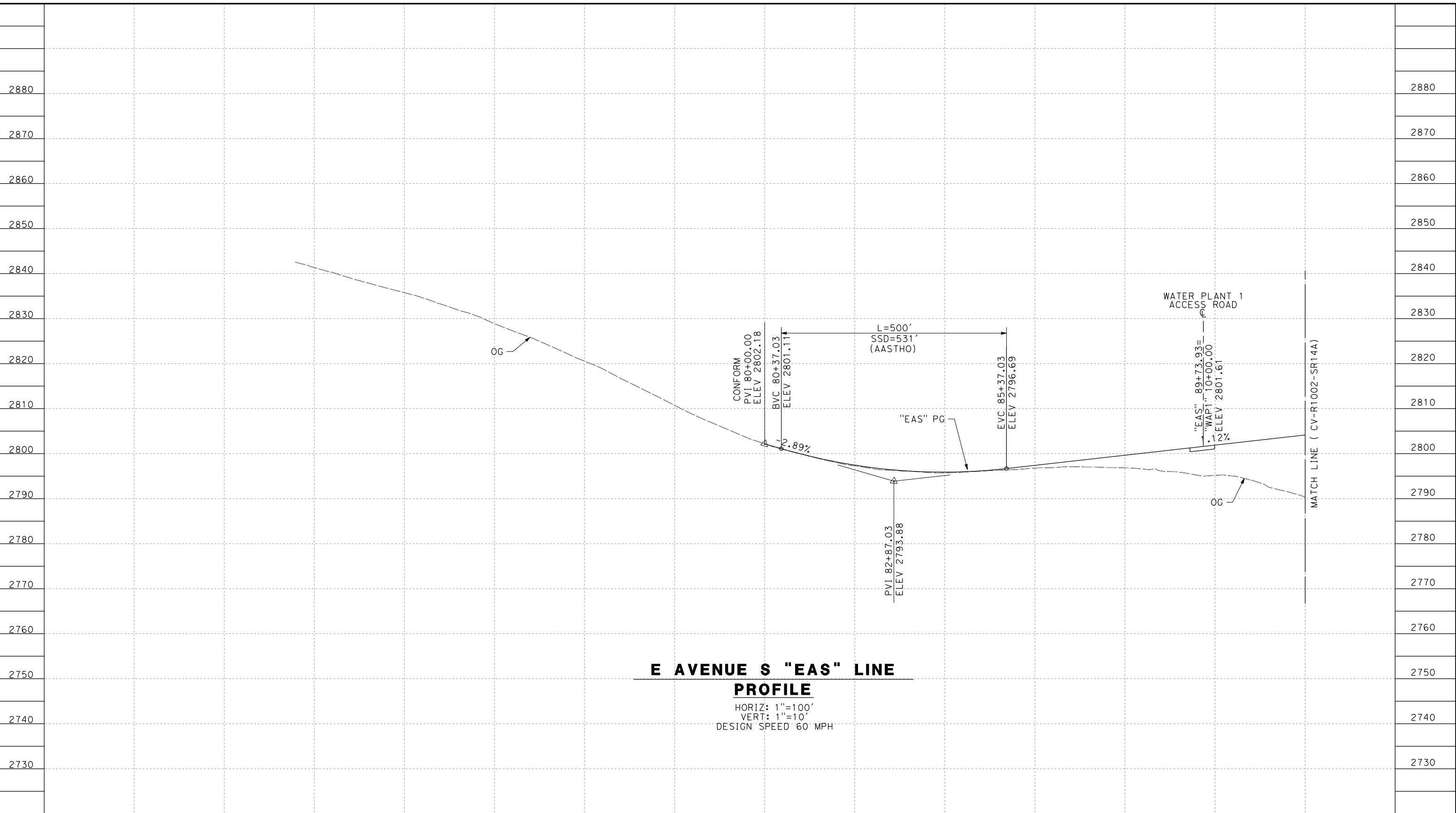


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "SR14A"  
GRADE SEPARATION PLAN  
SIERRA HIGHWAY (2/2)

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

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11/16/2023 1:18:19 PM 04Z0008



**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
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**

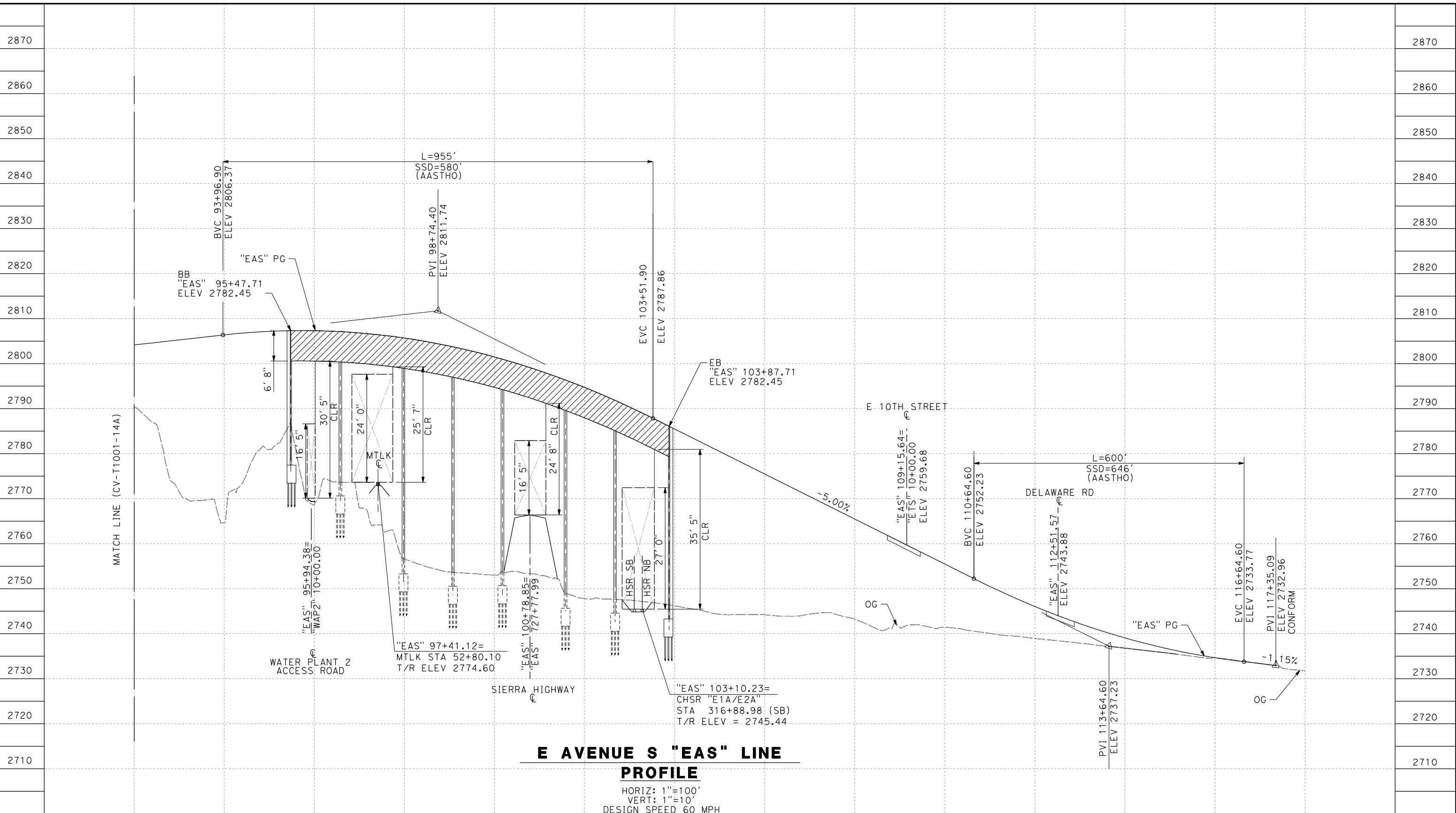
ALIGNMENT "SR14A"  
GRADE SEPARATION PROFILE  
AVENUE S (1/2)

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

REV	DATE	BY	CHK	APP	DESCRIPTION



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**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
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**

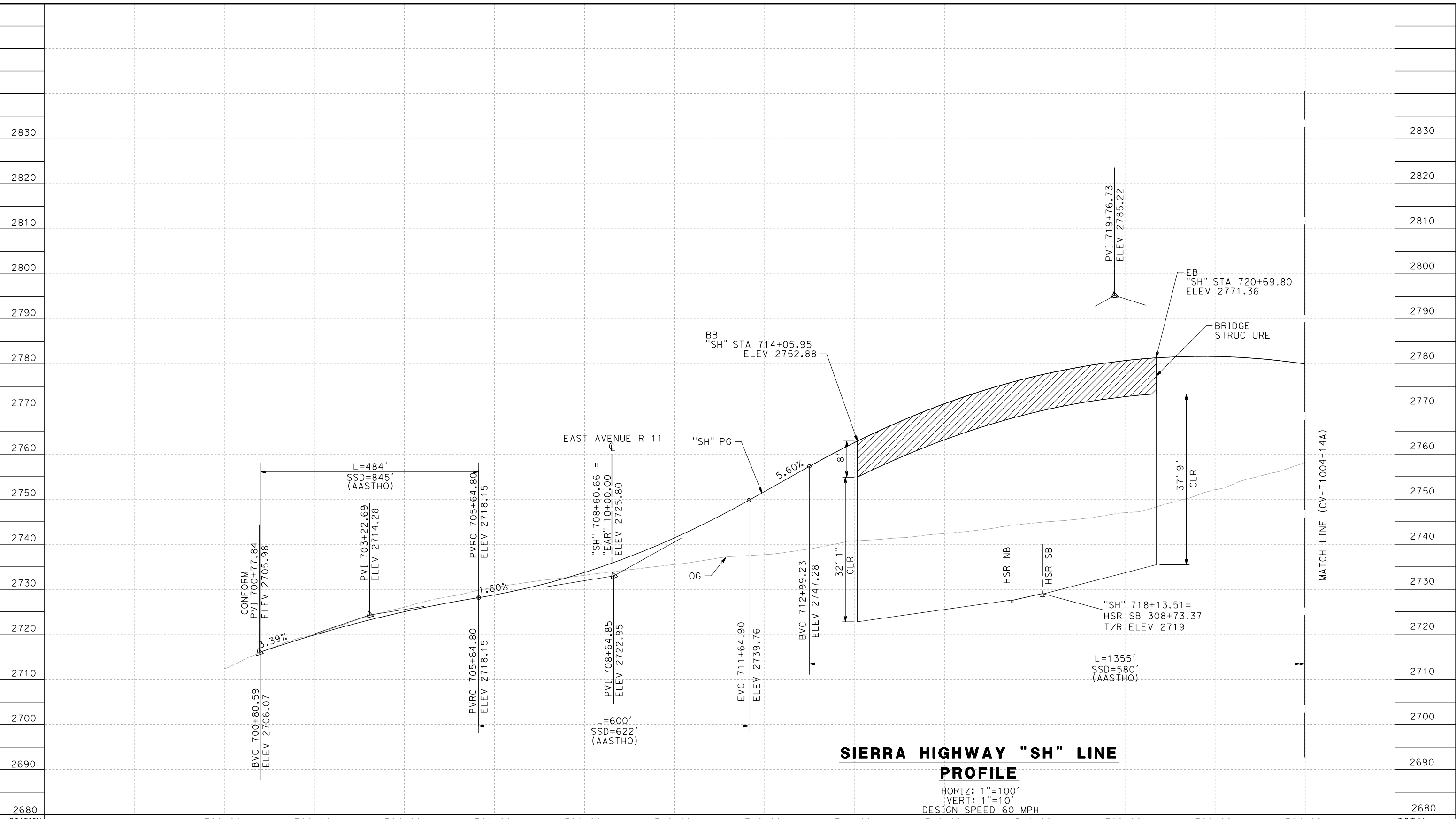
**NOT FOR  
CONSTRUCTION**



<b>CALIFORNIA HIGH-SPEED RAIL PROJECT</b> <b>PALMDALE TO BURBANK</b> 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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**SIERRA HIGHWAY "SH" LINE  
PROFILE**

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

STATION	700+00	702+00	704+00	706+00	708+00	710+00	712+00	714+00	716+00	718+00	720+00	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**

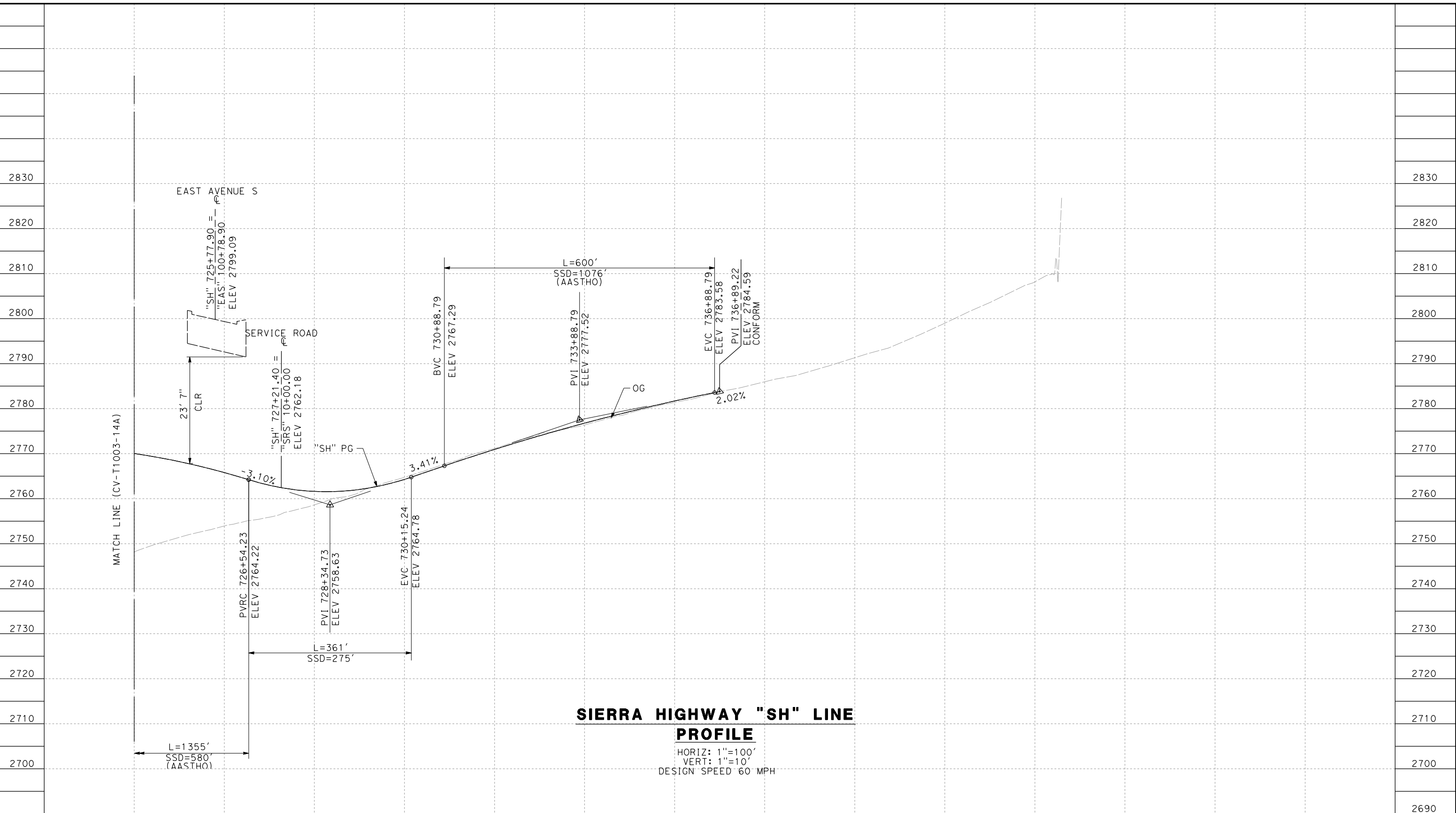
ALIGNMENT "SR14A"  
GRADE SEPARATION PROFILE  
SIERRA HIGHWAY (1/2)

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

REV	DATE	BY	CHK	APP	DESCRIPTION

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**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
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"  
GRADE SEPARATION PROFILE  
SIERRA HIGHWAY (2/2)

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

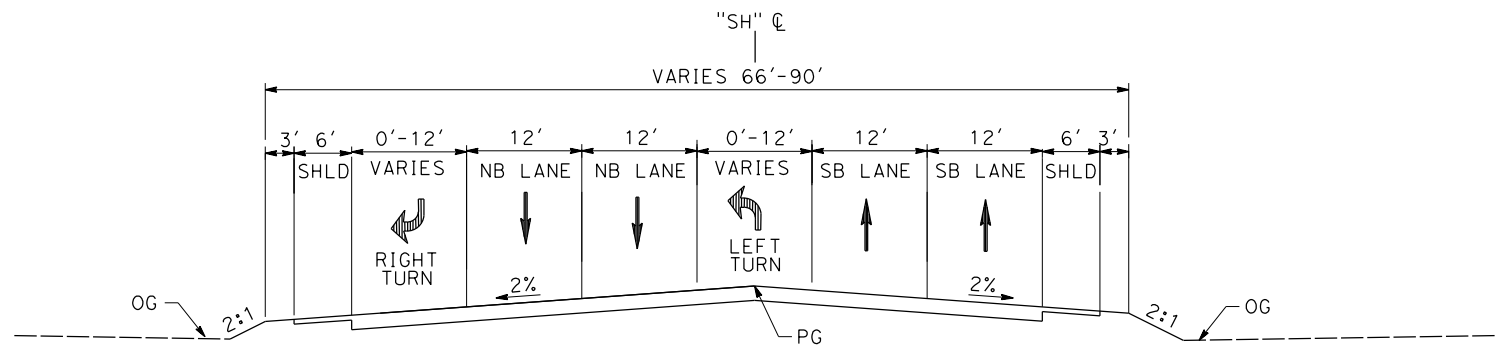
REV	DATE	BY	CHK	APP	DESCRIPTION



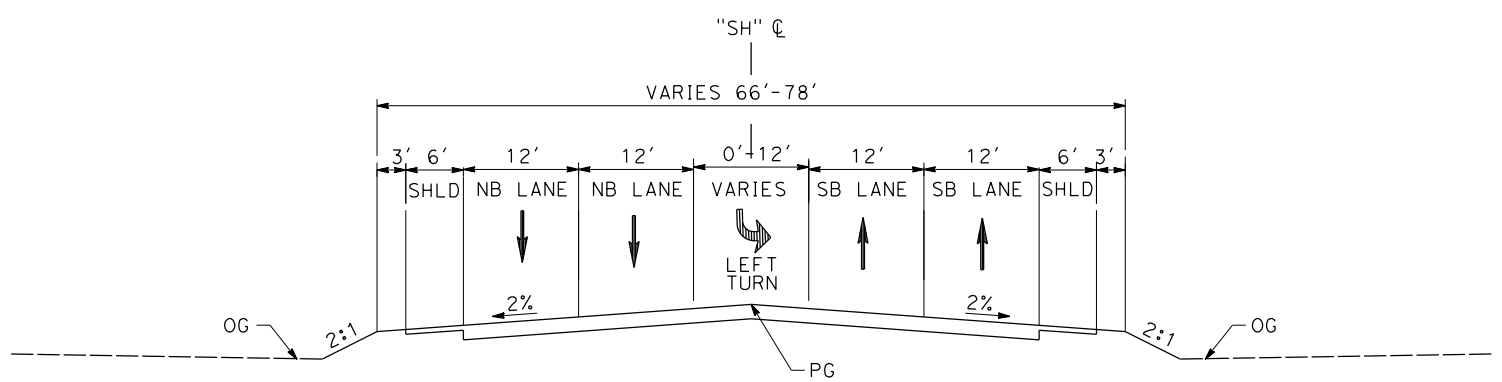
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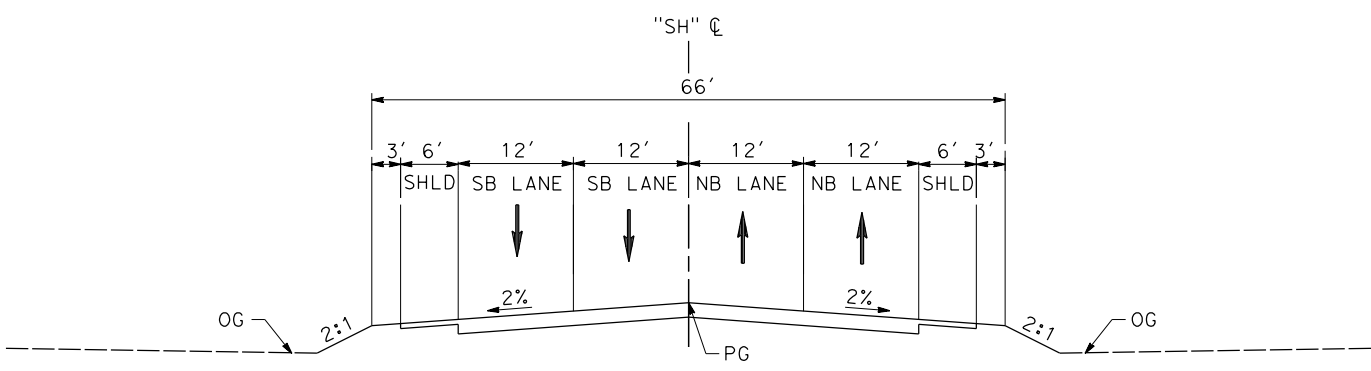
04Z0008



**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 700+77.84 to 714+05.95 (BEG BRIDGE)  
 STA 720+69.80 (END BRIDGE) TO 723+76.85  
 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**

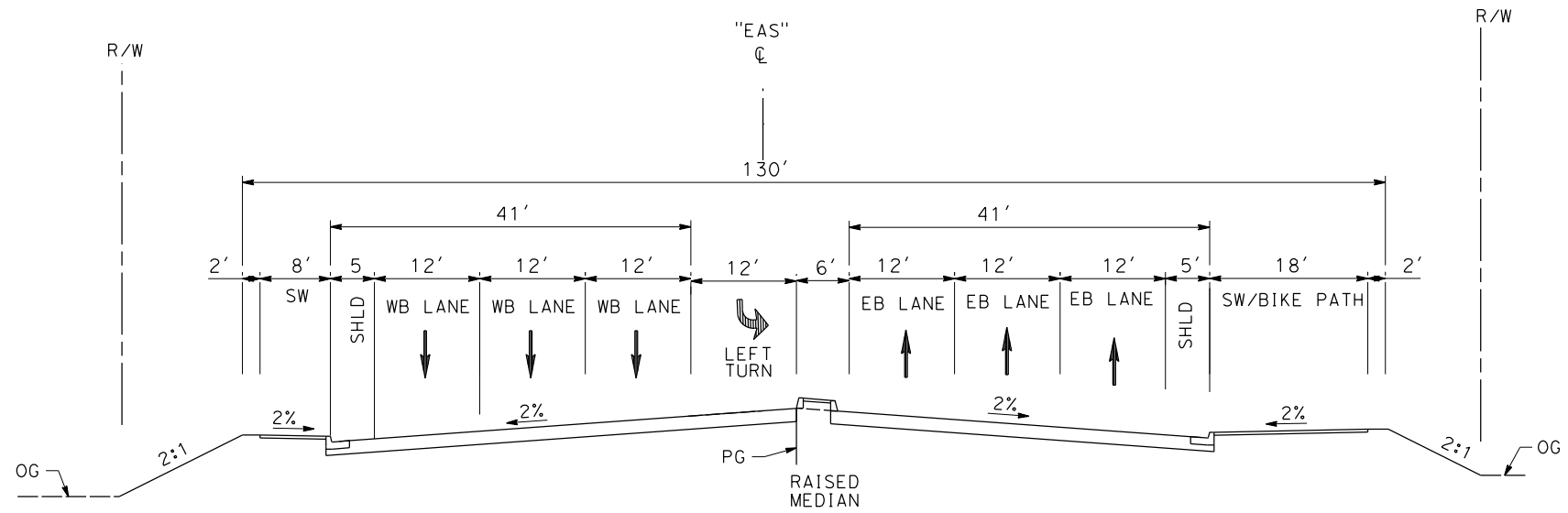
ALIGNMENT "SR14A"  
 ROADWAY TYPICAL SECTIONS  
 SIERRA HIGHWAY

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

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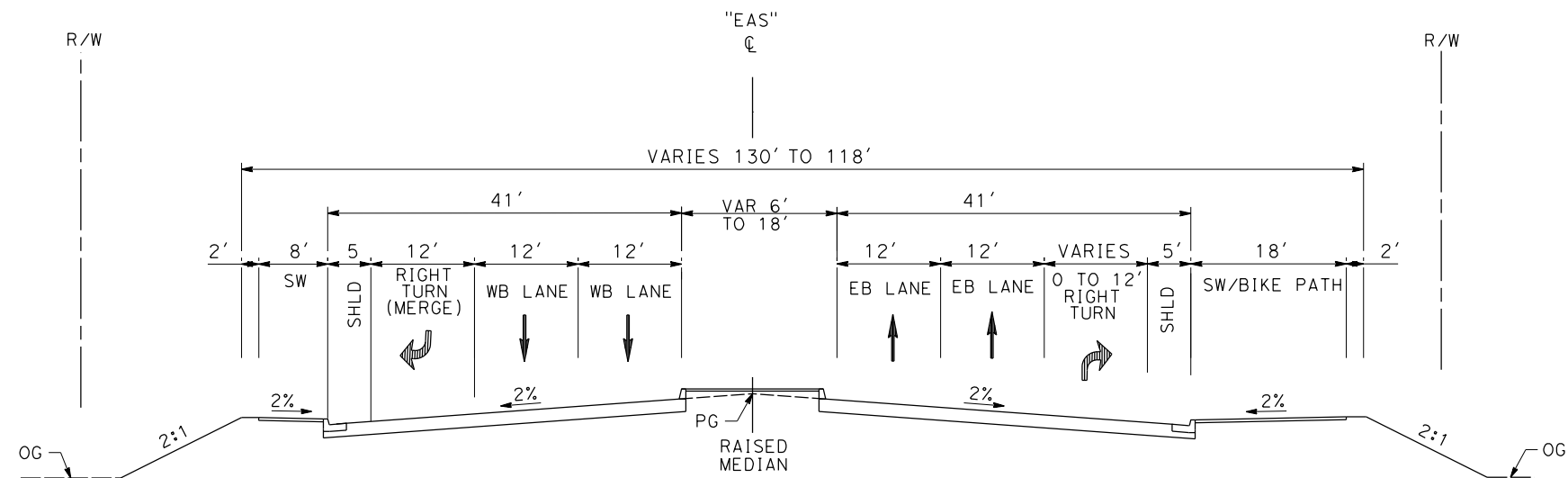
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04Z0008



**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

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)

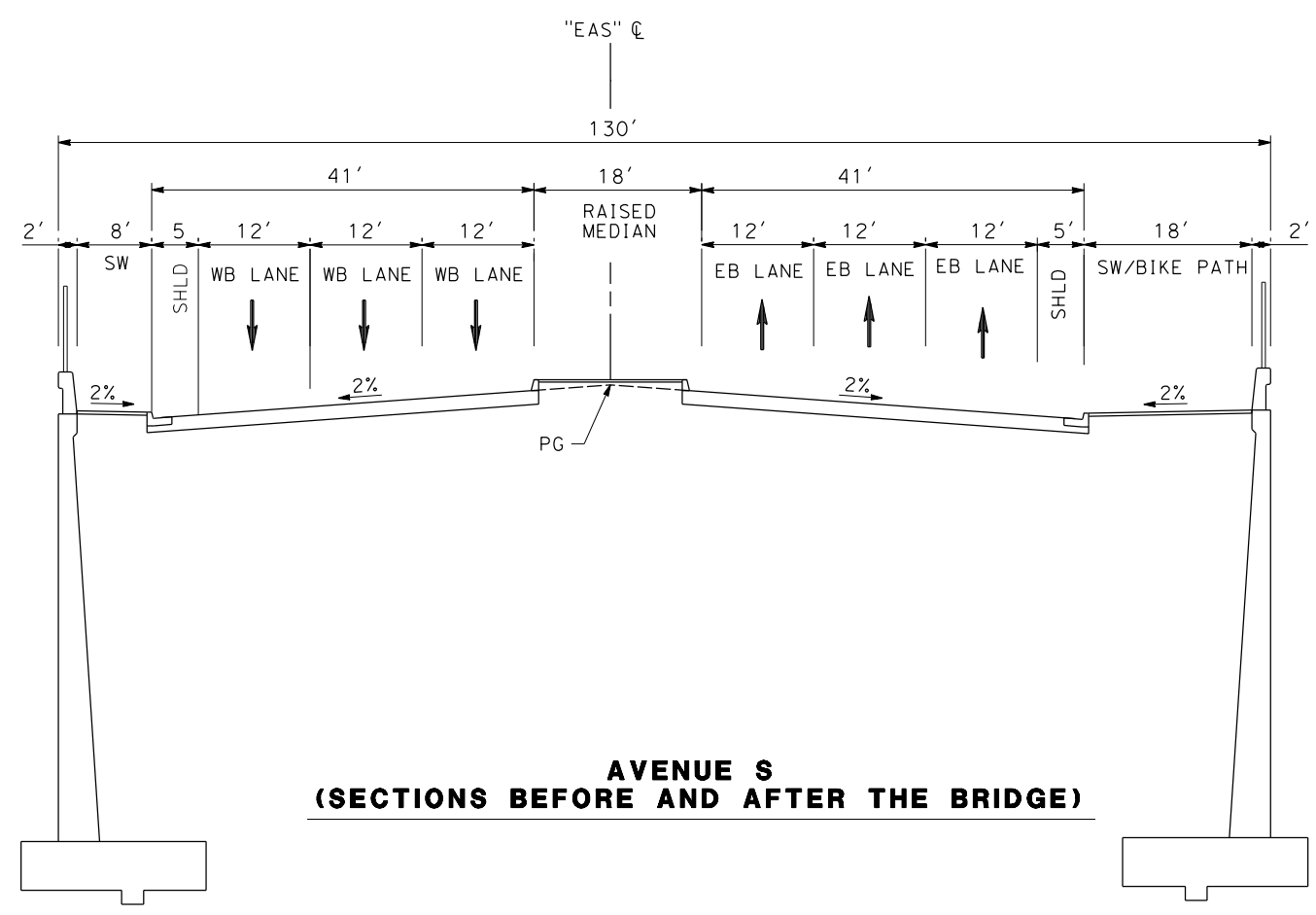
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HSR14-42  
 DRAWING NO.  
CV-T3002-14A  
 SCALE  
NO SCALE  
 SHEET NO.



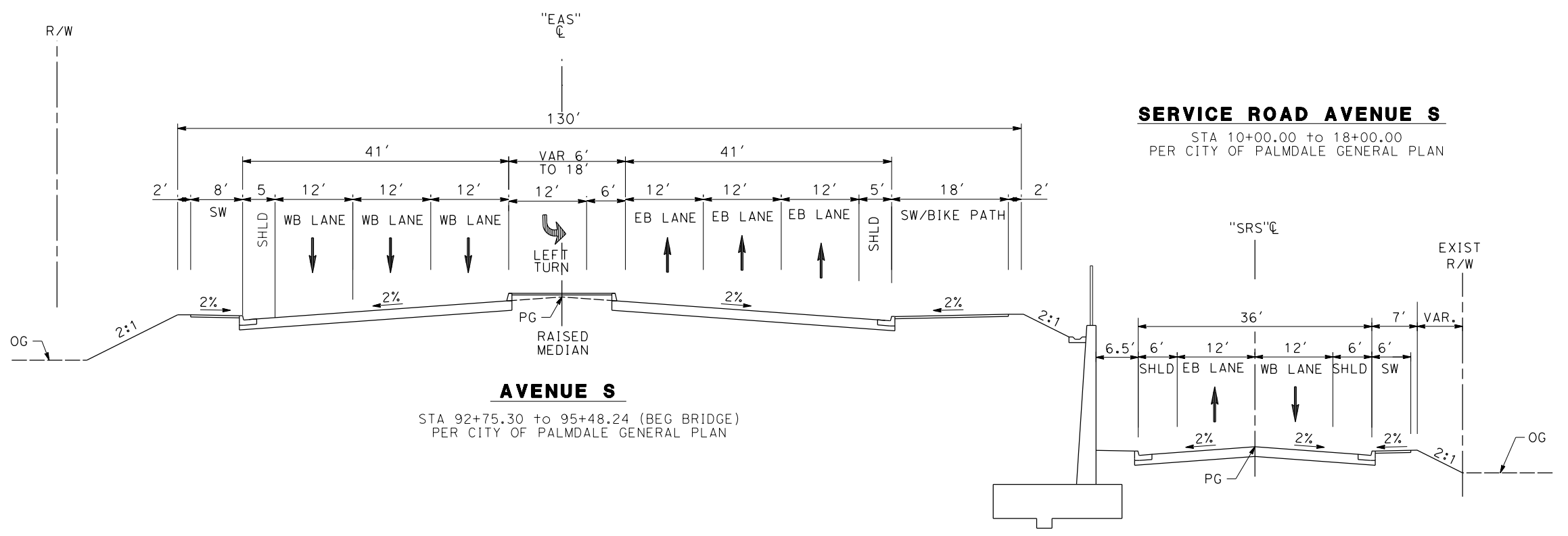
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04Z0008



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



**SERVICE ROAD AVENUE S**

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

**AVENUE S**

STA 92+75.30 to 95+48.24 (BEG BRIDGE)  
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  
08/04/2020

**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 (2/2)

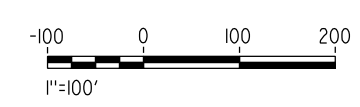
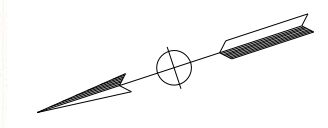
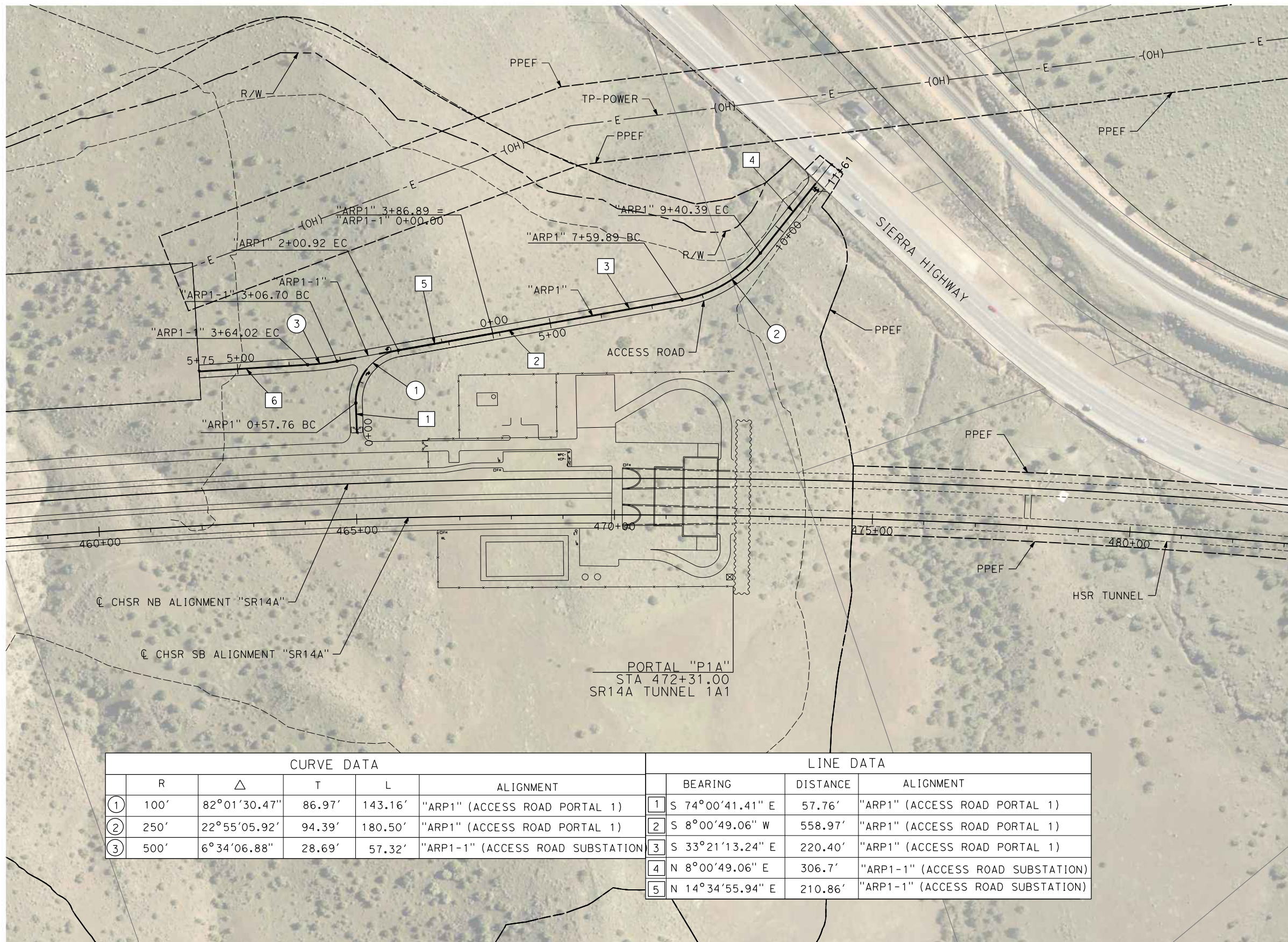
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-T3003-14A  
SCALE  
NO SCALE  
SHEET NO.



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04Z0008



CURVE DATA					LINE DATA			
	R	$\Delta$	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. 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 "SR14A"  
ACCESS ROAD PLAN  
PORTAL 1

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

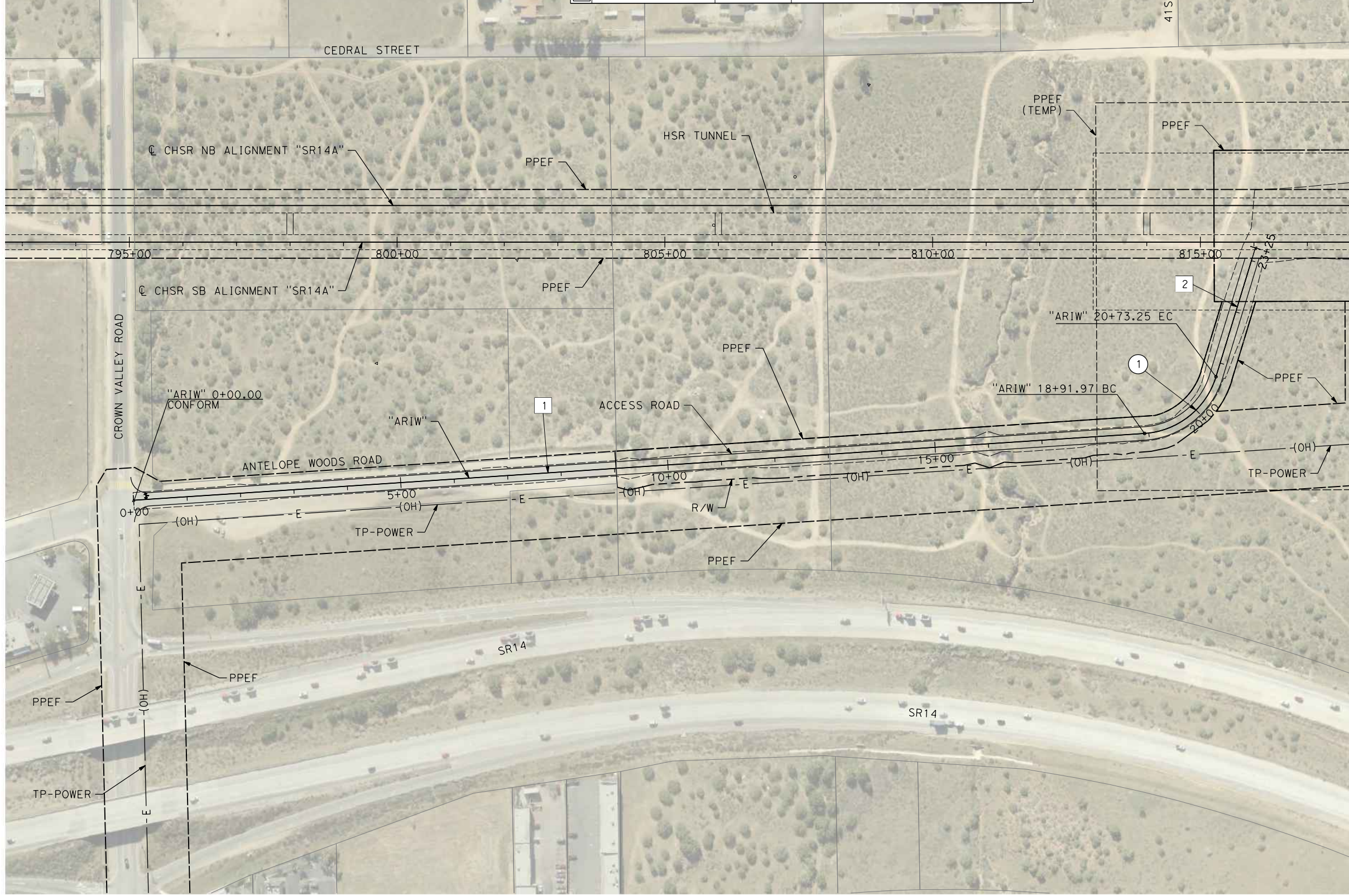


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04Z0008

CURVE DATA					LINE DATA			
	R	$\Delta$	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)

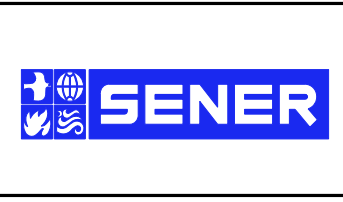


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
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 "SR14A"  
ACCESS ROAD PLAN  
INTERMEDIATE WINDOW

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

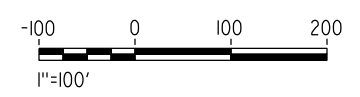
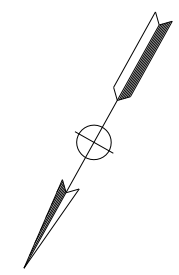
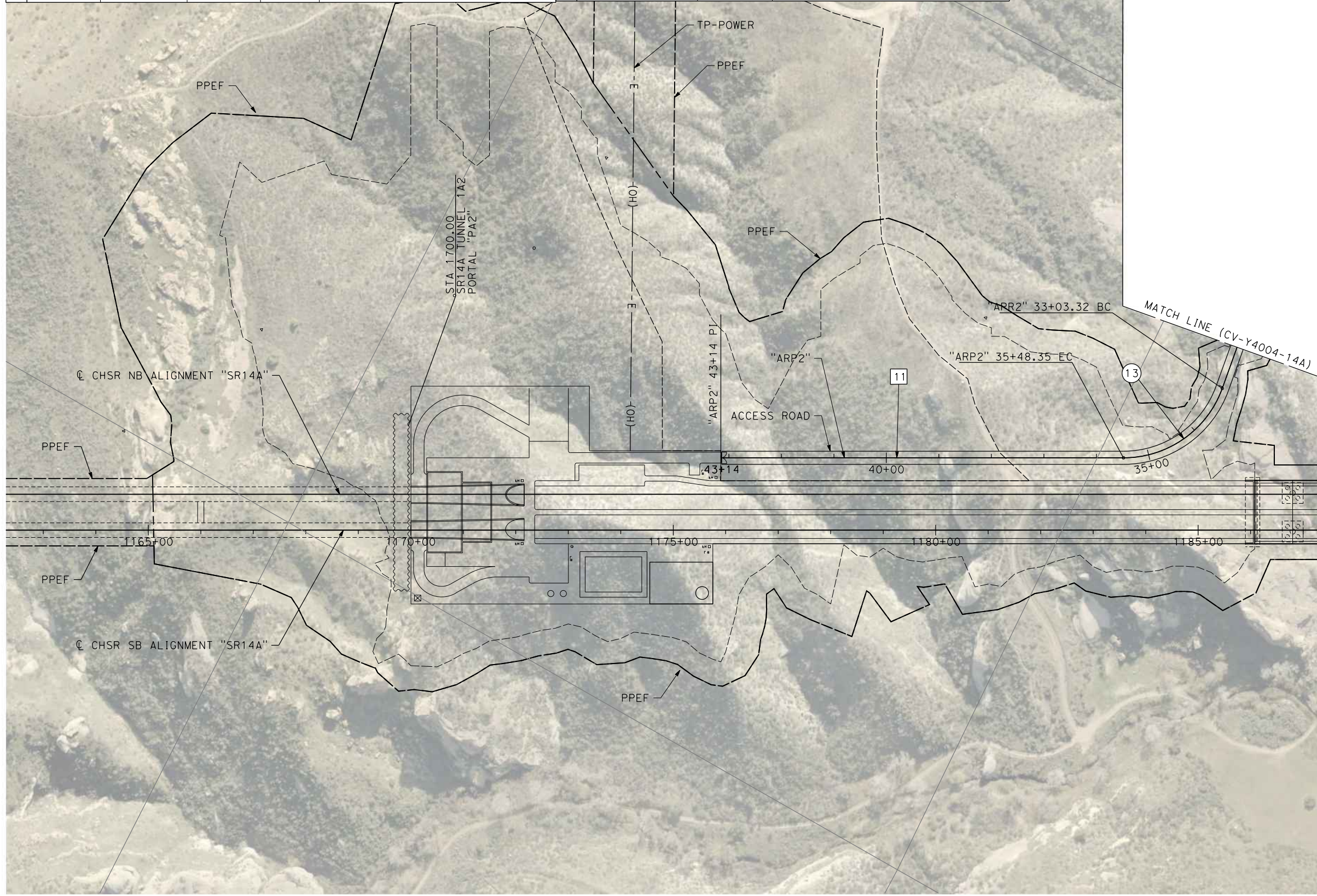


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11/16/2023 1:19:30 PM

04Z0008

CURVE DATA					LINE DATA			
	R	$\Delta$	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. 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 "SR14A"  
ACCESS ROAD PLAN  
PORTAL 2 (1/3)

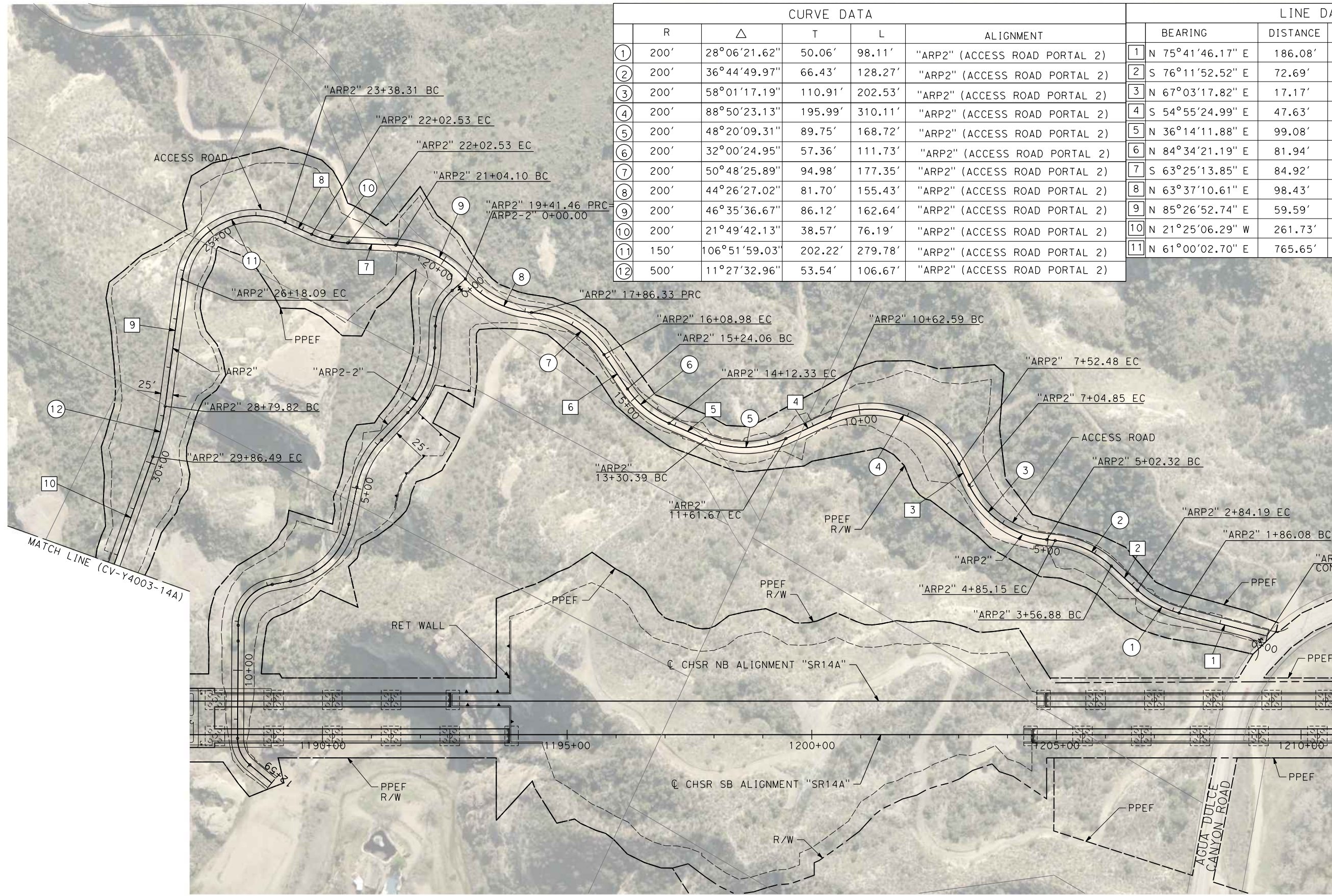
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-Y4003-14A  
SCALE  
AS SHOWN  
SHEET NO.



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11/16/2023 2:45:18 PM

04Z0008

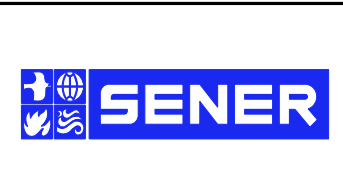


CURVE DATA						LINE DATA		
	R	Δ	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
①	200'	28°06'21.62"	50.06'	98.11'	"ARP2" (ACCESS ROAD PORTAL 2)	1 N 75°41'46.17" E	186.08'	"ARP2" (ACCESS ROAD PORTAL 2)
②	200'	36°44'49.97"	66.43'	128.27'	"ARP2" (ACCESS ROAD PORTAL 2)	2 S 76°11'52.52" E	72.69'	"ARP2" (ACCESS 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  
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 2 (2/3)

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



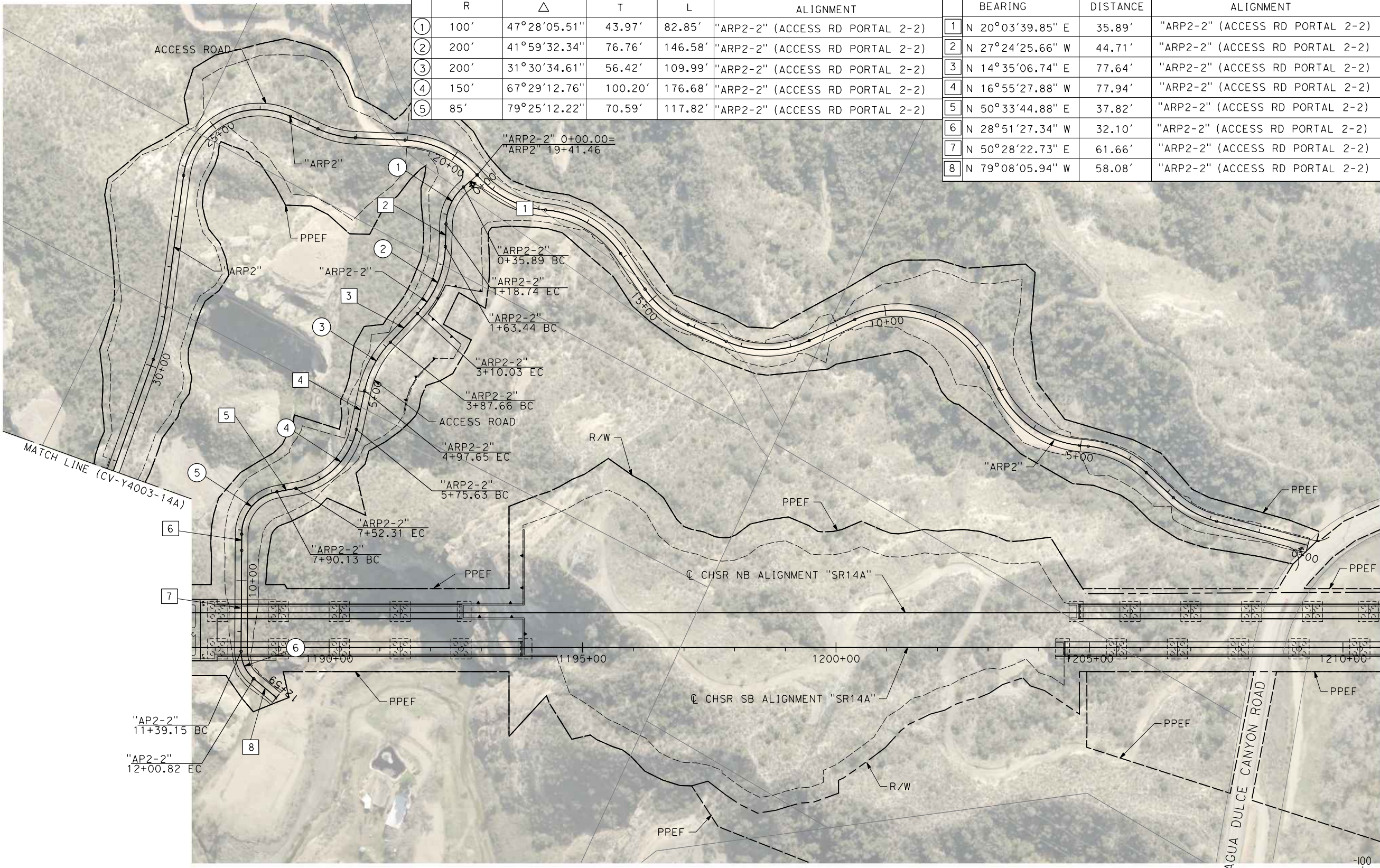
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11/16/2023 2:20:10 PM

04Z0008

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'



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

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

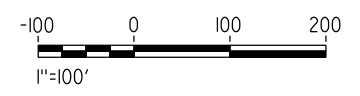
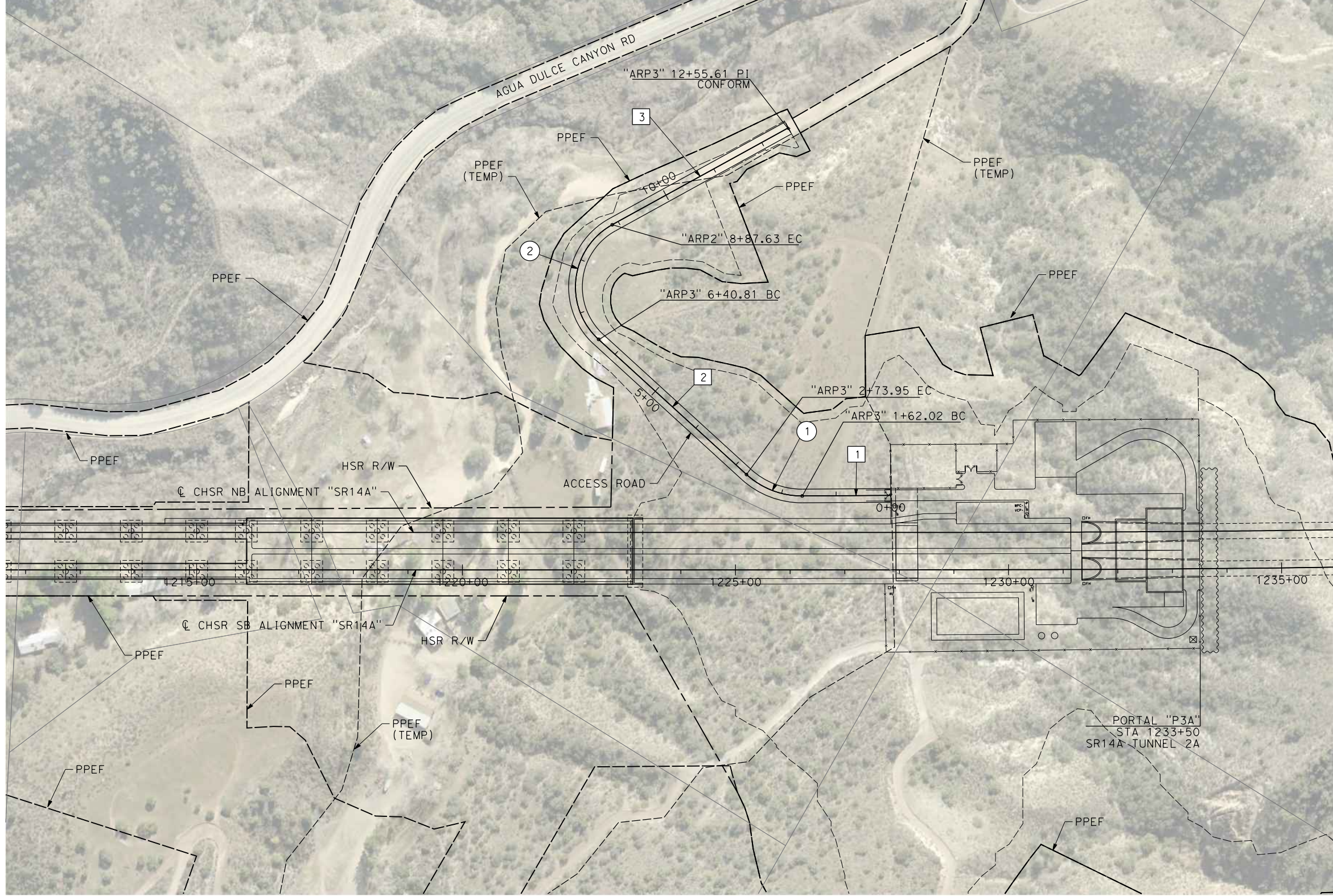


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04Z0008

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. 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 "SR14A"  
ACCESS ROAD PLAN  
PORTAL 3

CONTRACT NO.  
HSR14-42

DRAWING NO.  
CV-Y4005-14A

SCALE  
AS SHOWN

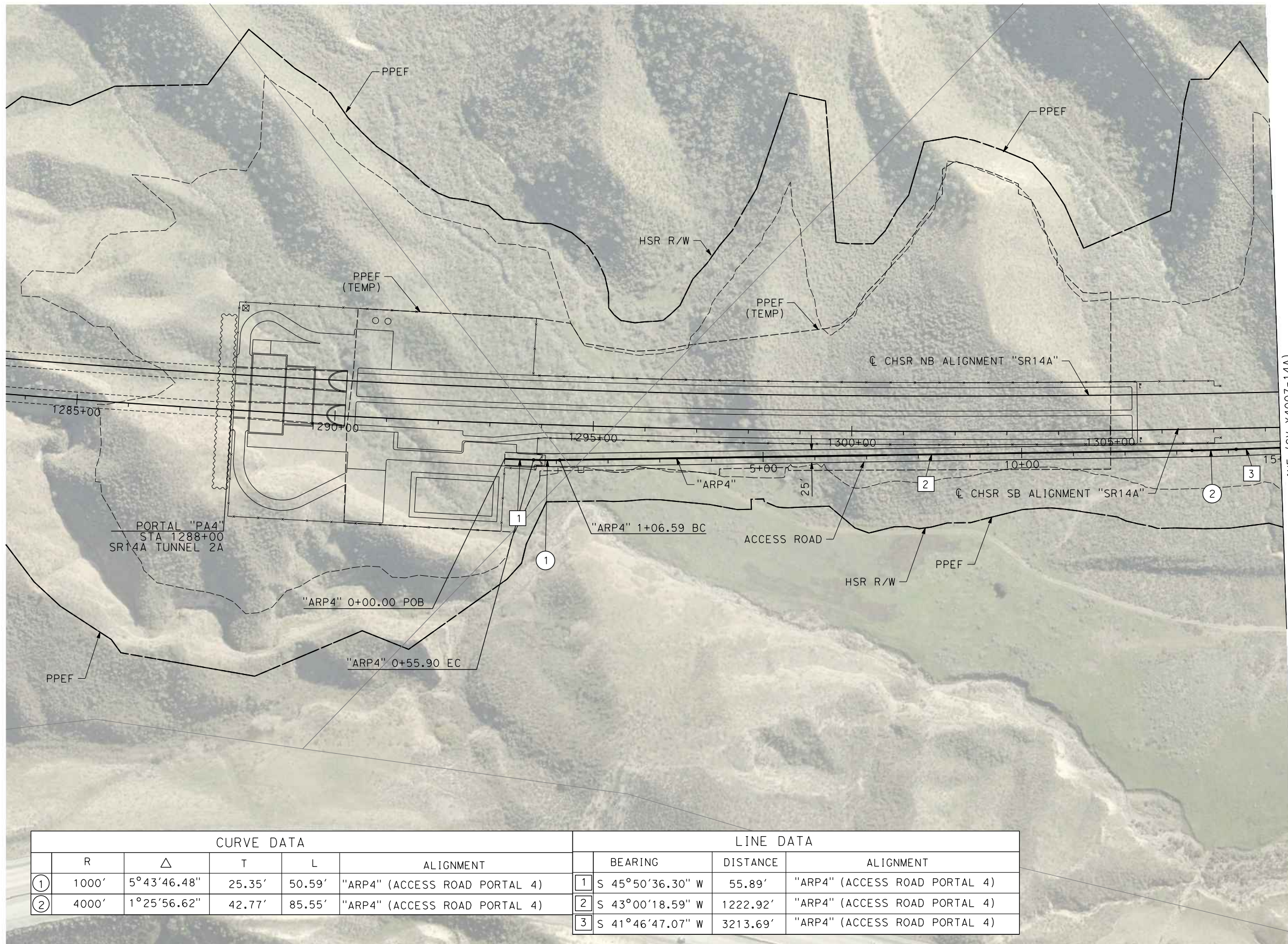
SHEET NO.



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04Z0008



CURVE DATA					LINE DATA			
	R	$\Delta$	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
①	1000'	5°43'46.48"	25.35'	50.59'	"ARP4" (ACCESS ROAD PORTAL 4)	① S 45°50'36.30" W	55.89'	"ARP4" (ACCESS ROAD PORTAL 4)
②	4000'	1°25'56.62"	42.77'	85.55'	"ARP4" (ACCESS ROAD PORTAL 4)	② S 43°00'18.59" W	1222.92'	"ARP4" (ACCESS ROAD PORTAL 4)
						③ S 41°46'47.07" W	3213.69'	"ARP4" (ACCESS ROAD PORTAL 4)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
R.RODRIGUEZ  
IN CHARGE  
A.RELANO  
DATE  
10/31/2023

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

**NOT FOR  
CONSTRUCTION**



CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

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

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

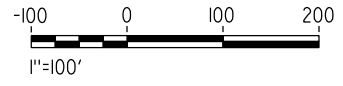
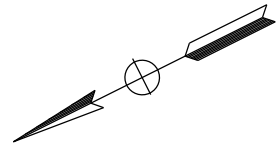
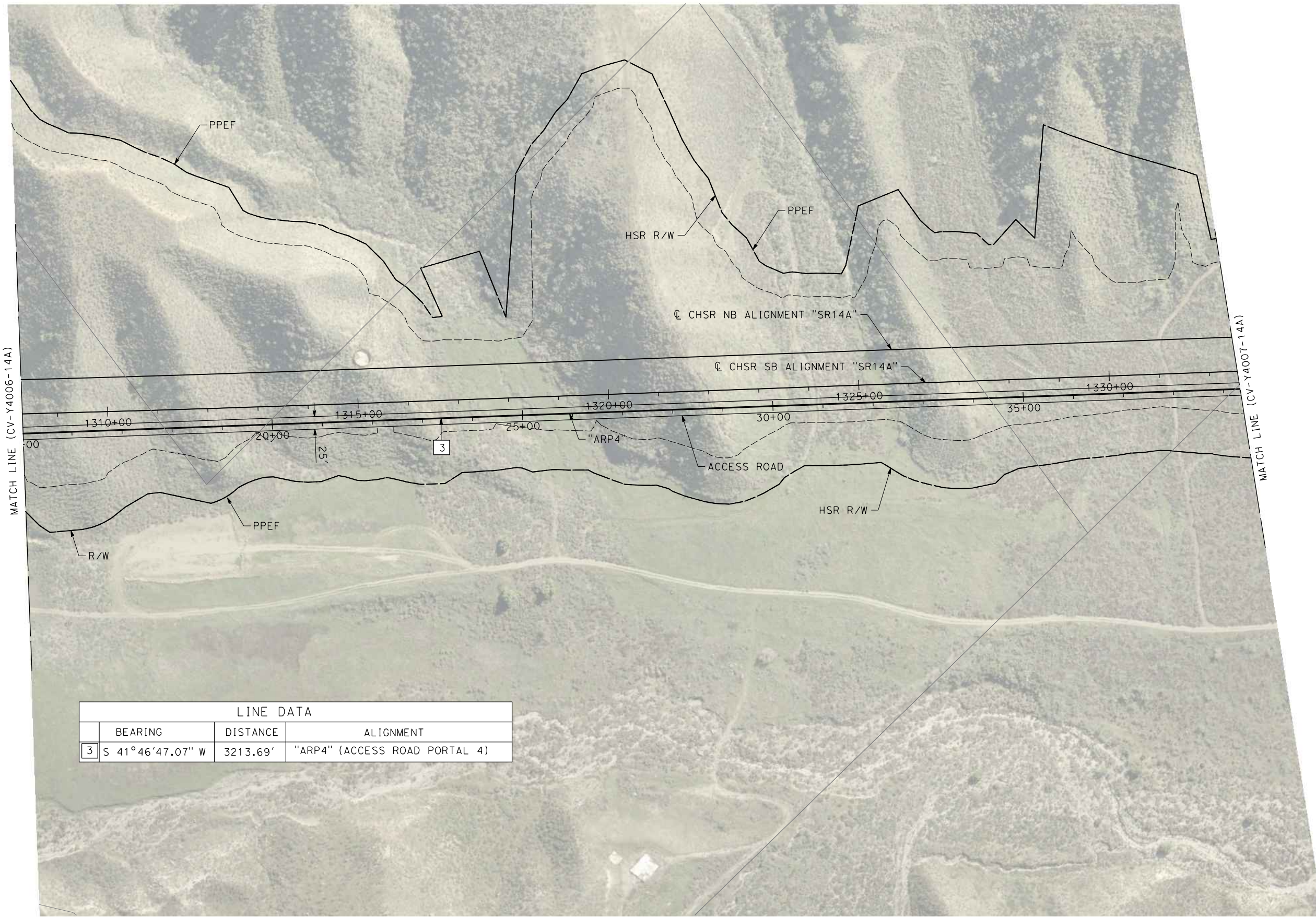
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HSR14-42  
DRAWING NO.  
CV-Y4006-14A  
SCALE  
AS SHOWN  
SHEET NO.



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04Z0008



LINE DATA			
	BEARING	DISTANCE	ALIGNMENT
3	S 41°46'47.07" W	3213.69'	"ARP4" (ACCESS ROAD PORTAL 4)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
R.RODRIGUEZ  
IN CHARGE  
A.RELANO  
DATE  
10/31/2023

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

**NOT FOR  
CONSTRUCTION**



**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

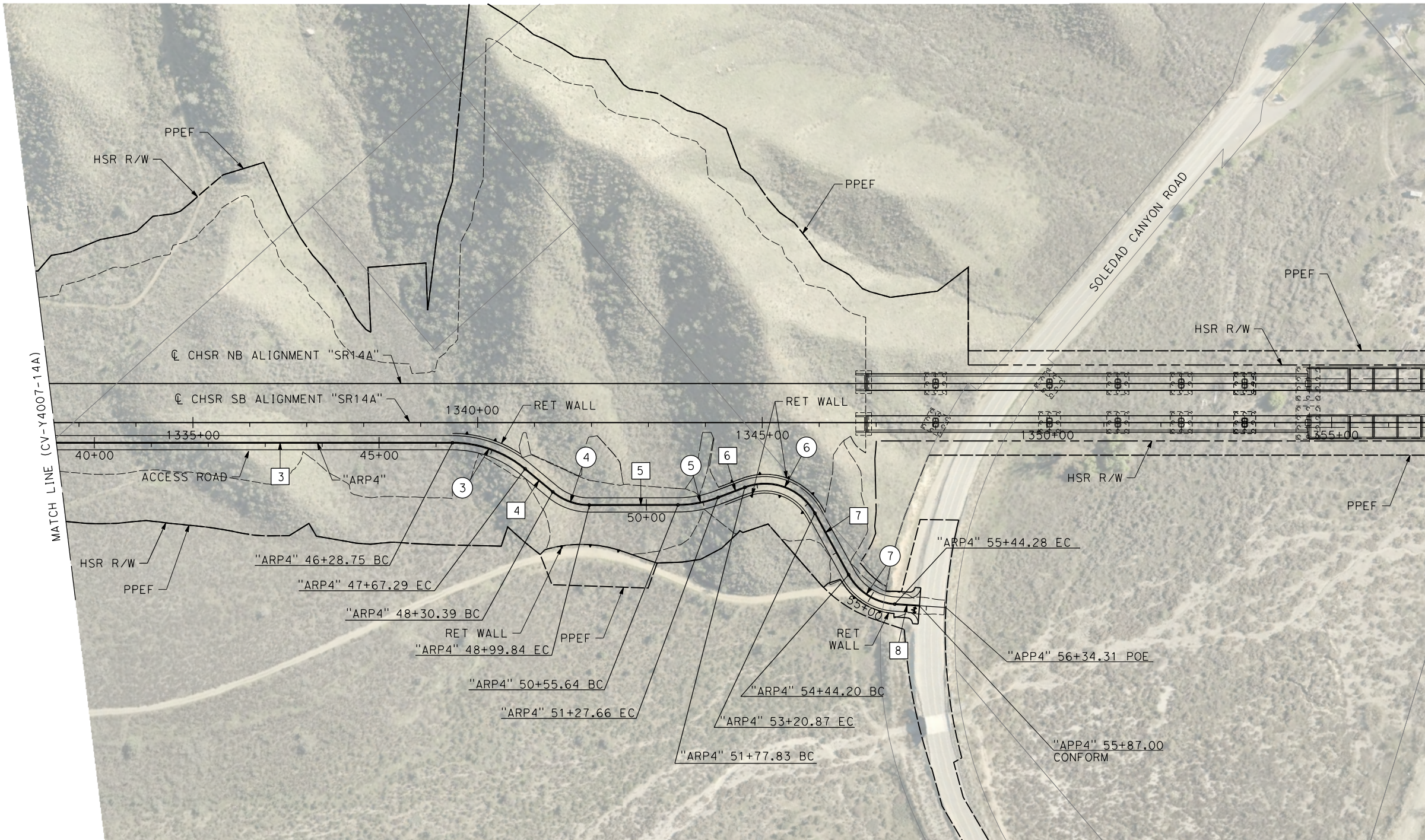
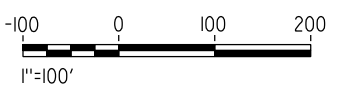
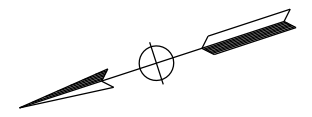
SHEET NO.



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04Z0008



CURVE DATA					
	R	$\Delta$	T	L	ALIGNMENT
③	200'	28°38'52.40"	72.18'	138.54'	"ARP4" (ACCESS ROAD PORTAL 4)
④	100'	57°17'44.81"	36.19'	69.45'	"ARP4" (ACCESS ROAD PORTAL 4)
⑤	200'	28°38'52.40"	36.40'	72.02'	"ARP4" (ACCESS ROAD PORTAL 4)
⑥	100'	57°17'44.81"	86.86'	143.04'	"ARP4" (ACCESS ROAD PORTAL 4)
⑦	100'	57°17'44.81"	54.68'	100.08'	"ARP4" (ACCESS ROAD PORTAL 4)

LINE DATA			
	BEARING	DISTANCE	ALIGNMENT
③	S 41°46'47.08" W	3213.69'	"ARP4" (ACCESS ROAD PORTAL 4)
④	S 81°28'03.02" W	63.09'	"ARP4" (ACCESS ROAD PORTAL 4)
⑤	S 41°40'30.47" W	155.81'	"ARP4" (ACCESS ROAD PORTAL 4)
⑥	S 21°02'36.46" W	50.17'	"ARP4" (ACCESS ROAD PORTAL 4)
⑦	N 77°00'04.55" W	123.33'	"ARP4" (ACCESS ROAD PORTAL 4)
⑧	S 45°39'30.04" W	90.02'	"ARP4" (ACCESS ROAD PORTAL 4)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
R.RODRIGUEZ  
IN CHARGE  
A.RELANO  
DATE  
01/09/2024

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

**NOT FOR  
CONSTRUCTION**



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

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

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

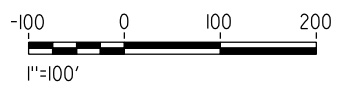
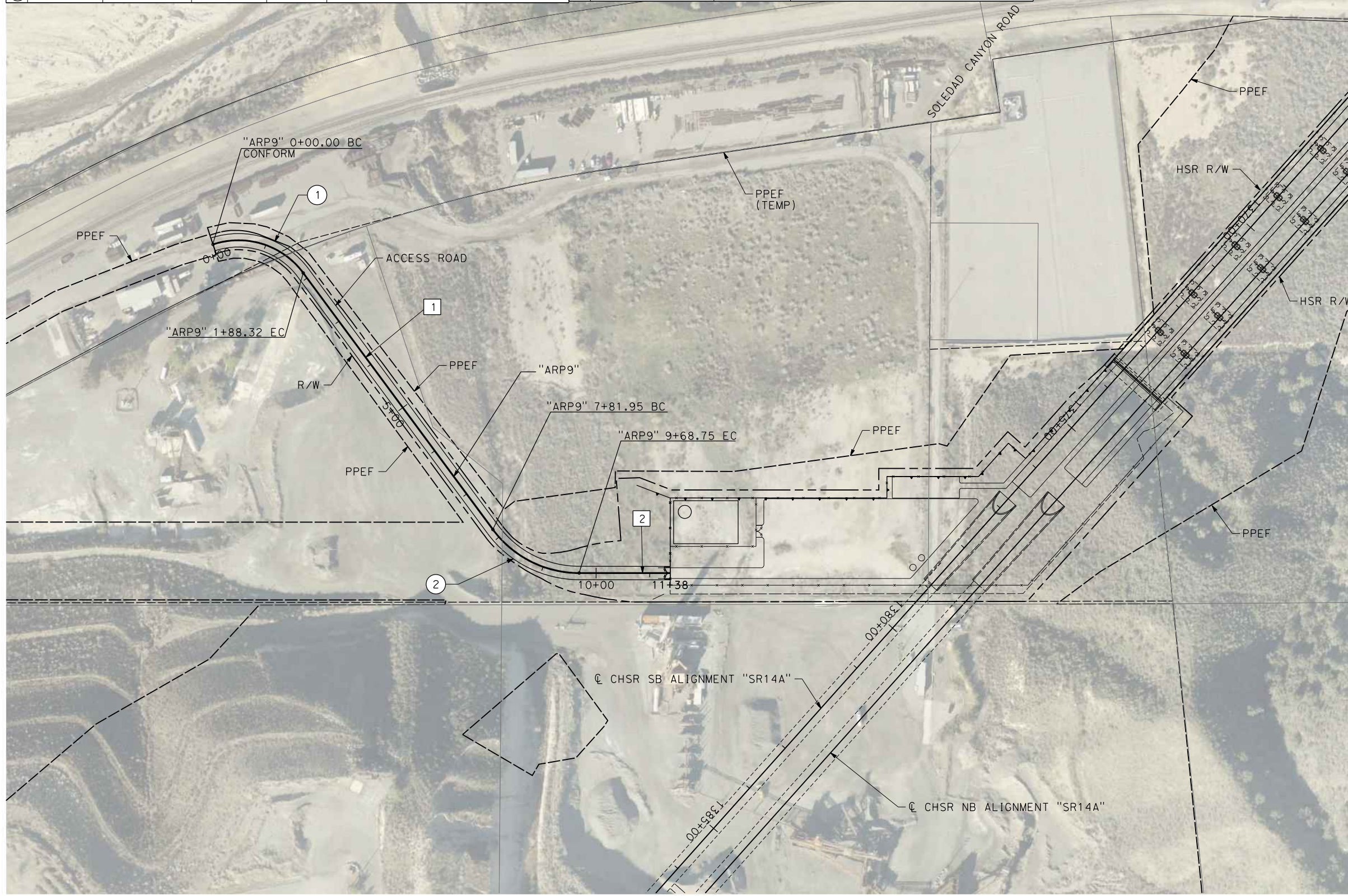


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04Z0008

CURVE DATA					LINE DATA			
	R	$\Delta$	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

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 "SR14A"  
ACCESS ROAD PLAN  
PORTAL 9

CONTRACT NO.  
HSR14-42

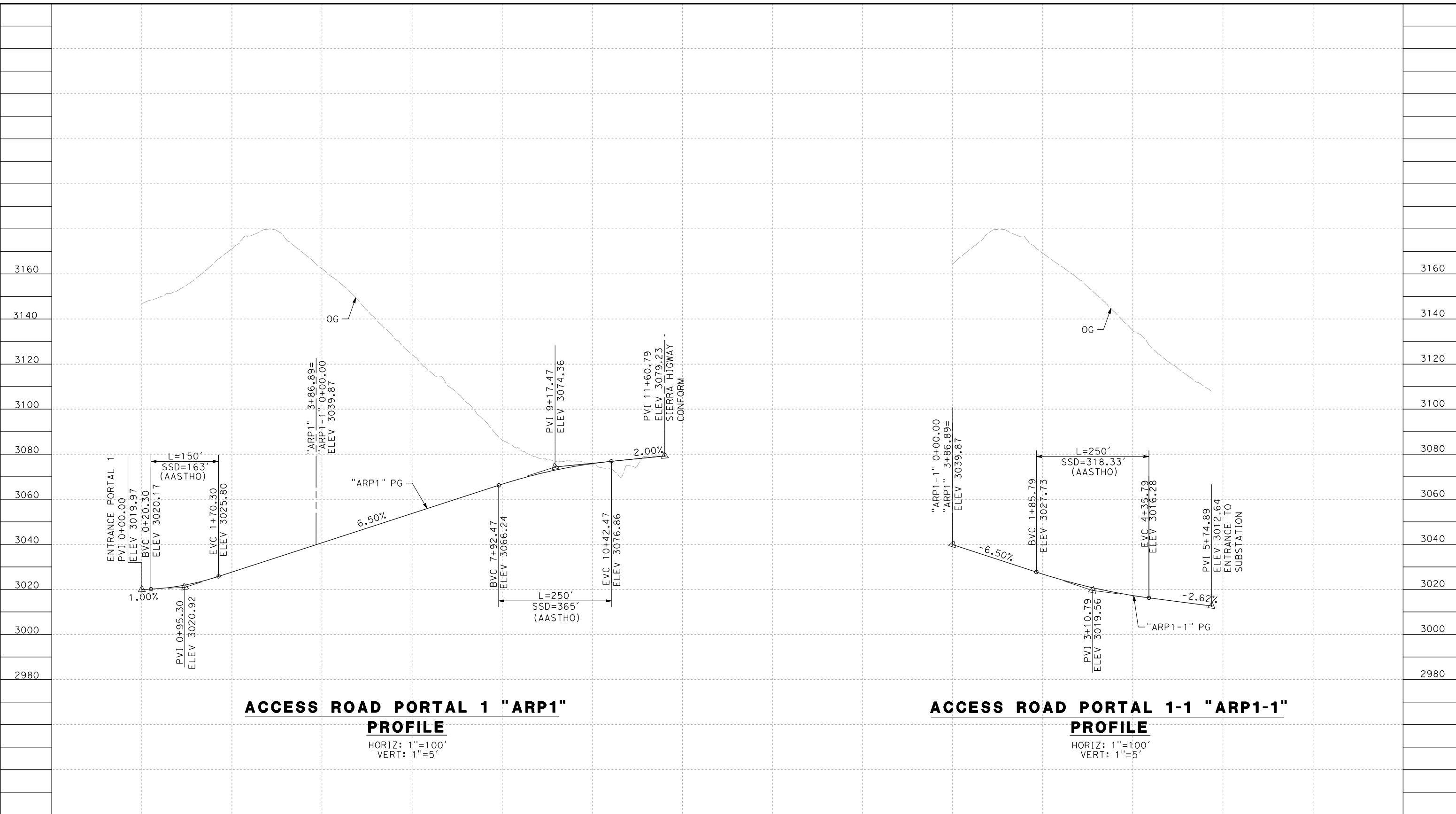
DRAWING NO.  
CV-Y4009-14A

SCALE  
AS SHOWN

SHEET NO.

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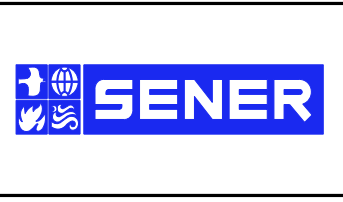
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CY	Exc											
	Emb											

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**

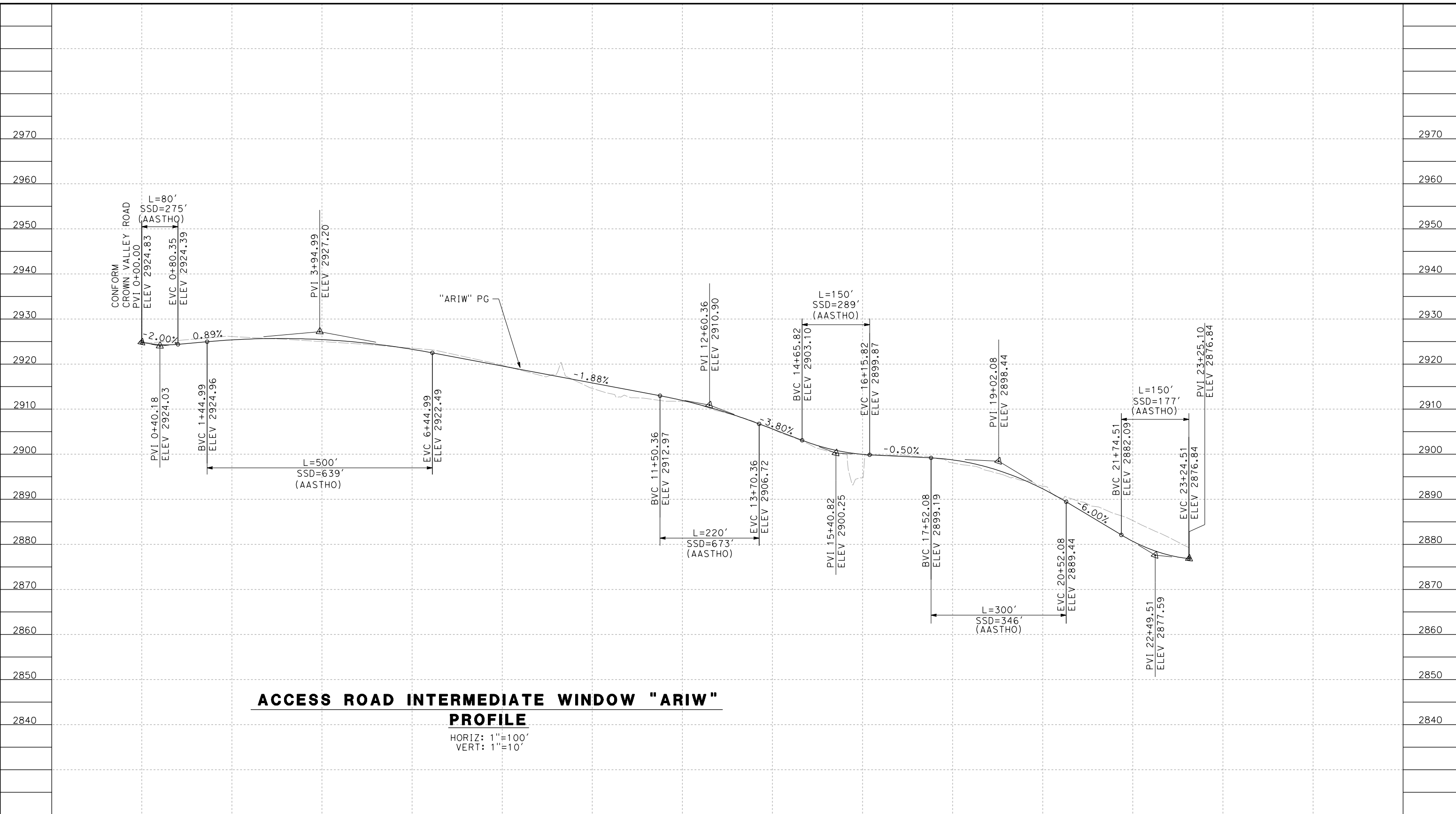
ALIGNMENT "SR14A"  
 ACCESS ROAD PROFILE  
 PORTAL 1

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



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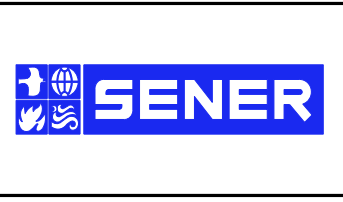
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 VERT: 1"=10'

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
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 "SR14A"  
 ACCESS ROAD PROFILE  
 INTERMEDIATE WINDOW

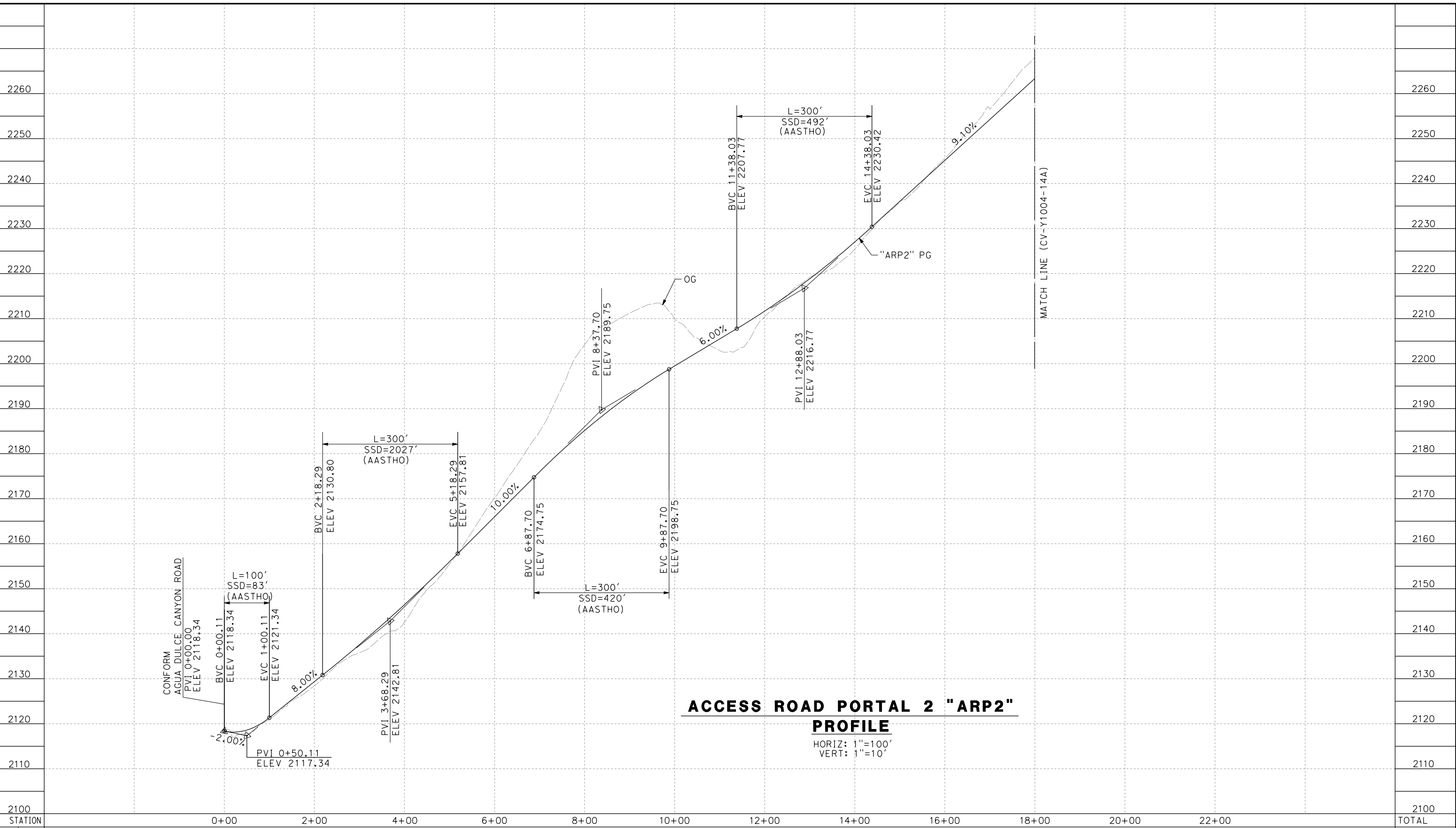
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HSR14-42  
 DRAWING NO.  
CV-Y1002-14A  
 SCALE  
AS SHOWN  
 SHEET NO.



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04Z0008



**ACCESS ROAD PORTAL 2 "ARP2"  
PROFILE**

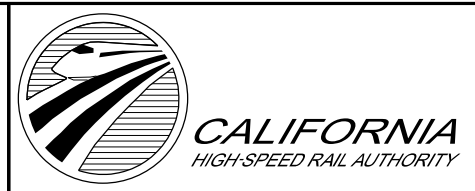
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VERT: 1"=10'

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	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 "SR14A"  
ACCESS ROAD PROFILE  
PORTAL 2 (1/3)

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

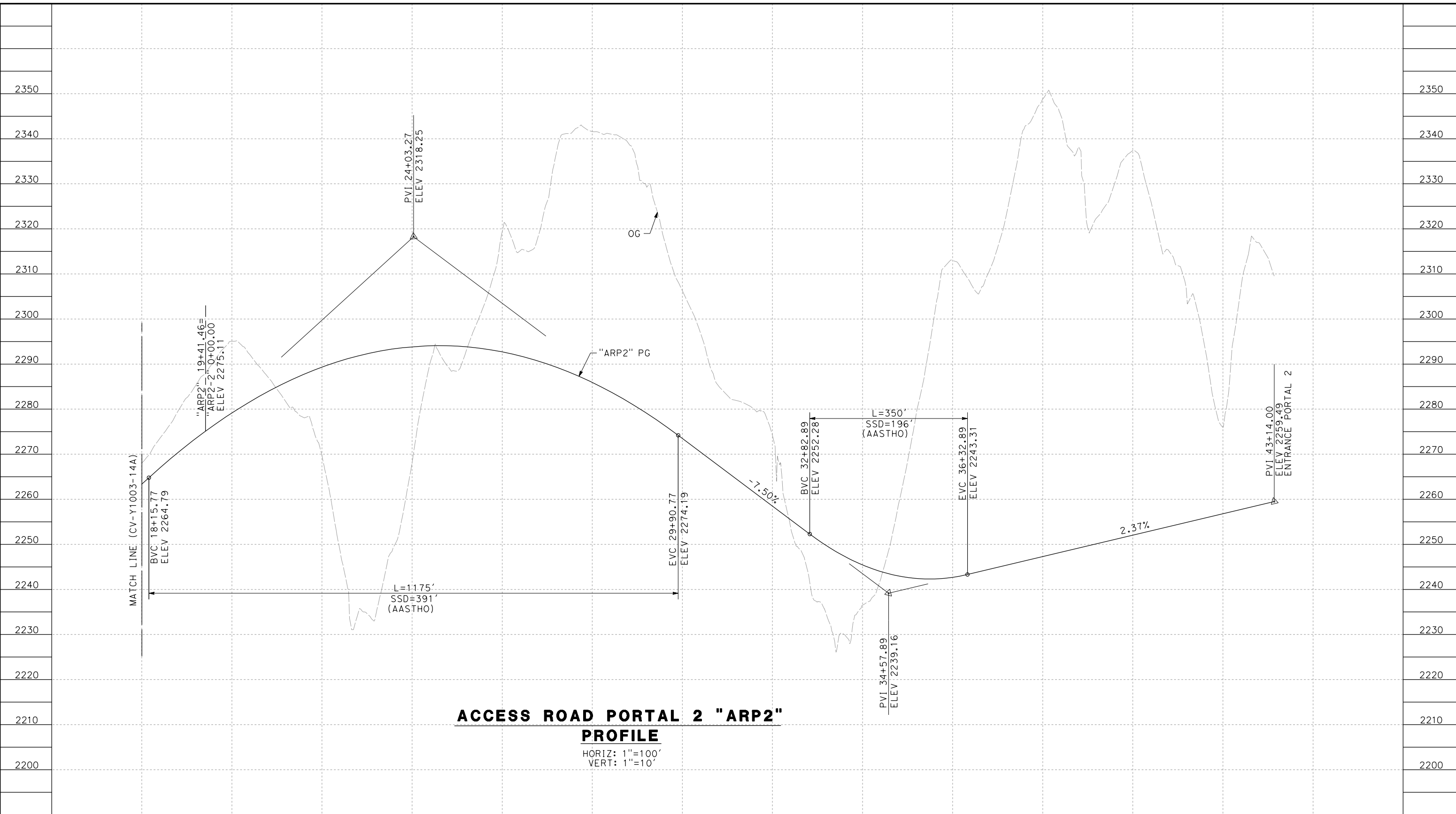
REV	DATE	BY	CHK	APP	DESCRIPTION



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04Z0008



**ACCESS ROAD PORTAL 2 "ARP2"**

**PROFILE**

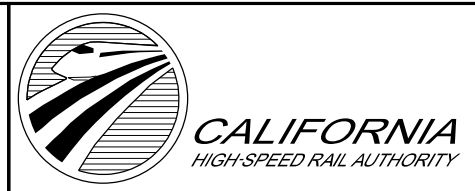
HORIZ: 1"=100'  
VERT: 1"=10'

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

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 "SR14A"  
ACCESS ROAD PROFILE  
PORTAL 2 (2/3)

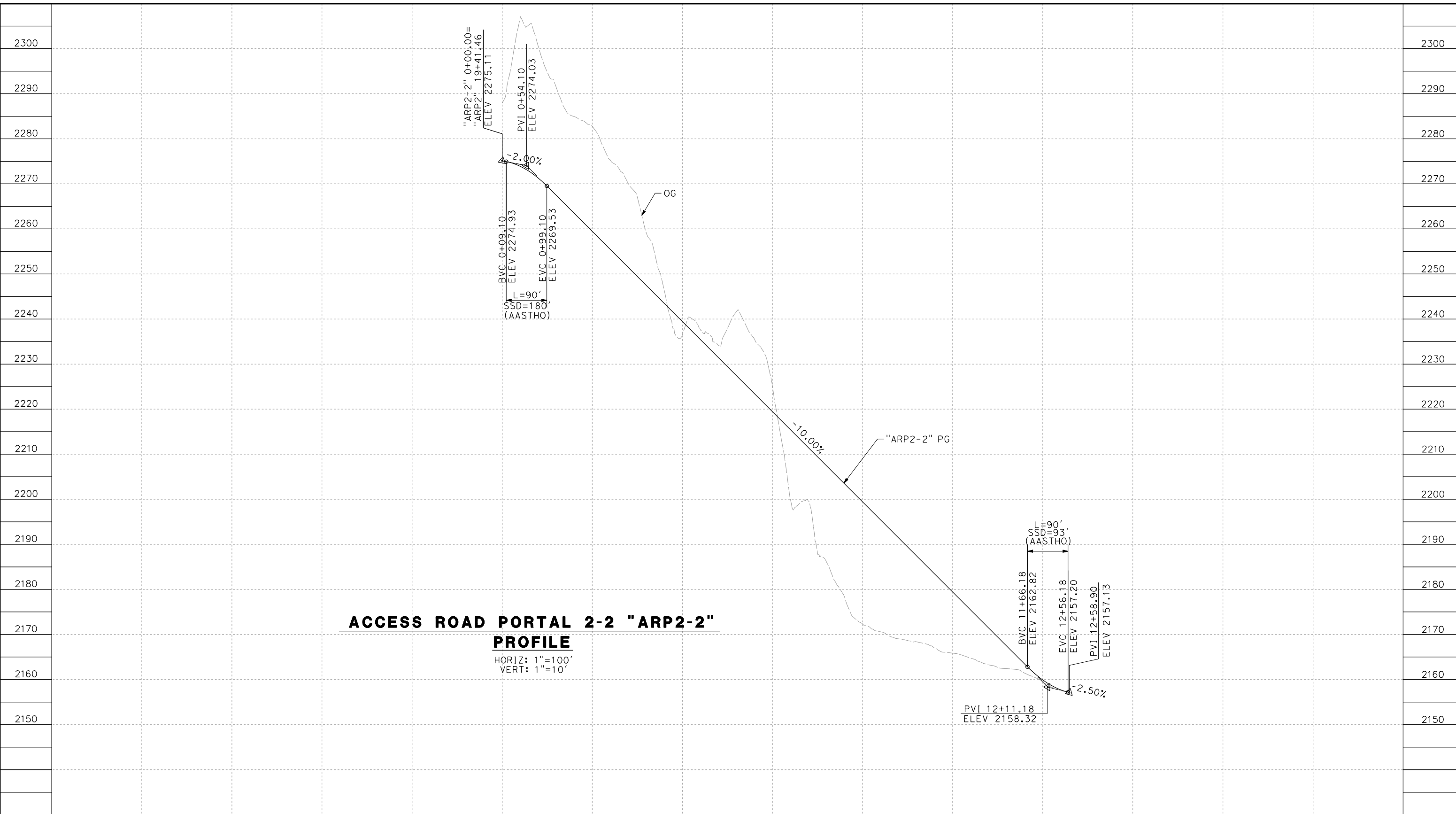
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DRAWING NO.  
CV-Y1004-14A  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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11/16/2023 1:21:43 PM

04Z0008



**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									

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 "SR14A"  
 ACCESS ROAD PROFILE  
 PORTAL 2 (3/3)

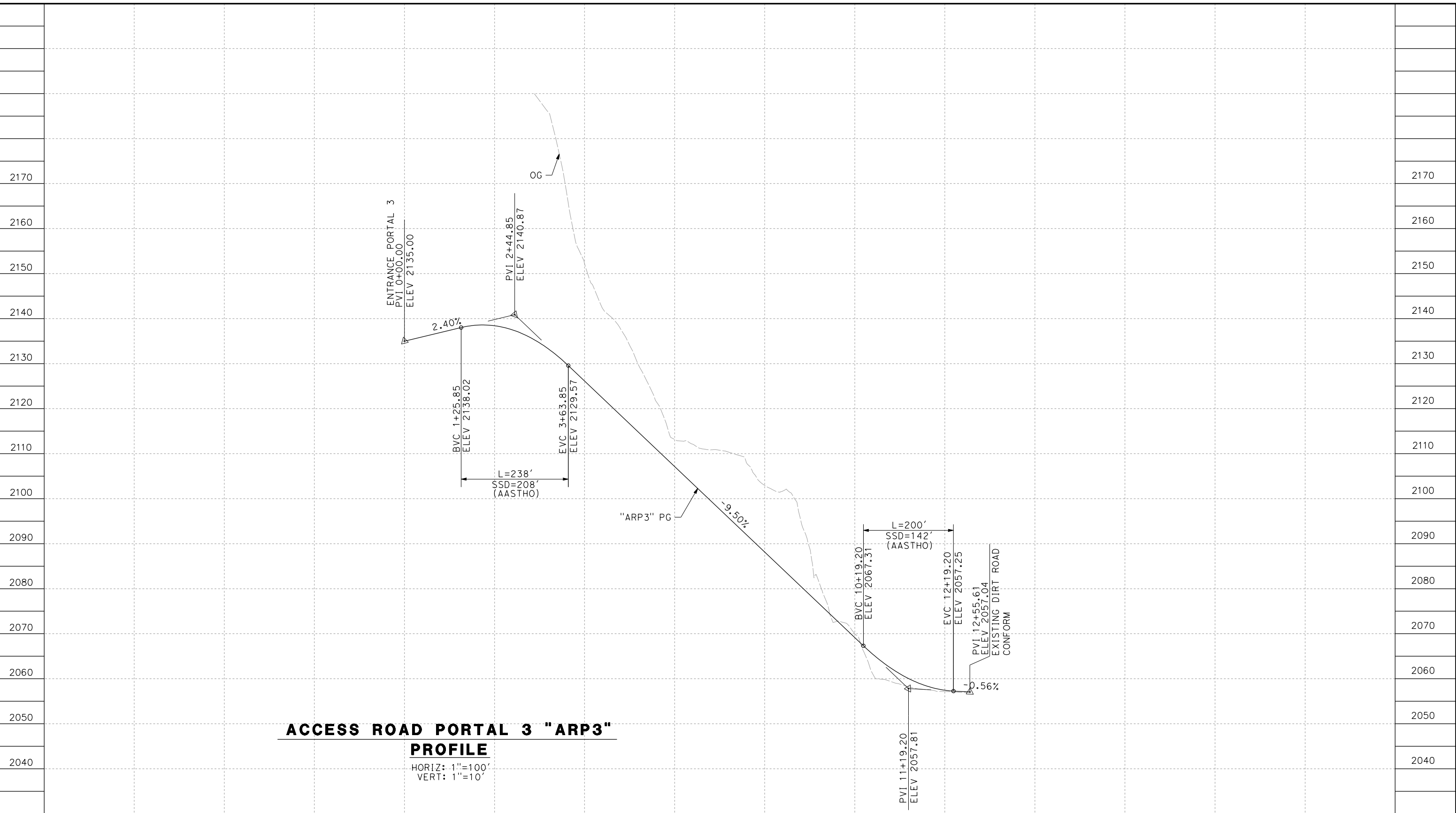
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-Y1005-14A  
 SCALE  
AS SHOWN  
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION



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11/16/2023 1:21:45 PM 04Z0008



**ACCESS ROAD PORTAL 3 "ARP3"  
PROFILE**  
HORIZ: 1"=100'  
VERT: 1"=10'

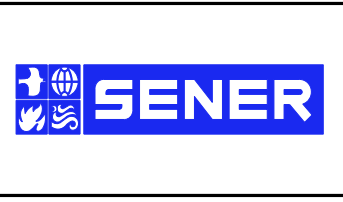
STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	14+00	TOTAL
CY	Exc								
	Emb								

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**



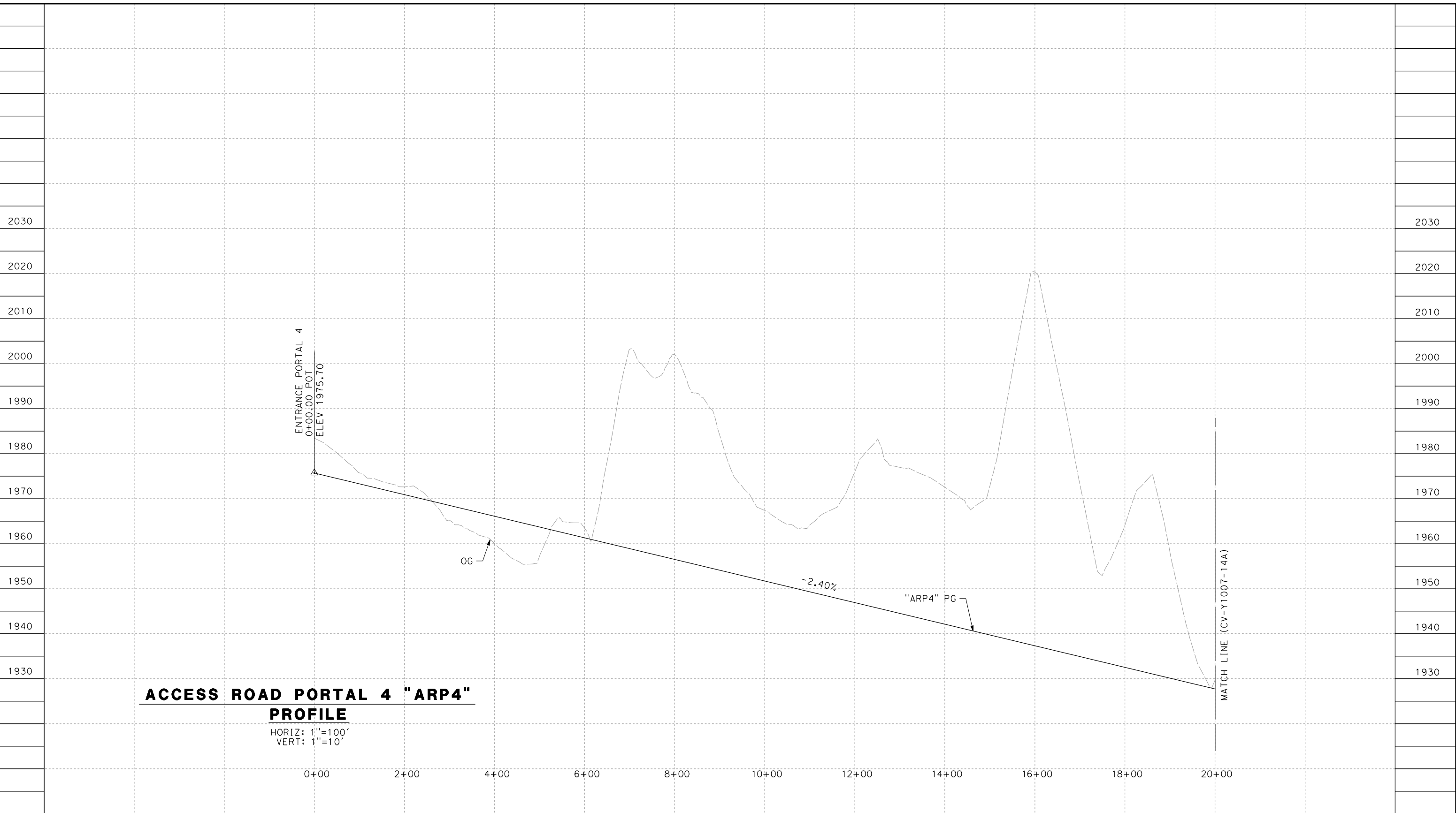
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**

ALIGNMENT "SR14A"  
ACCESS ROAD PROFILE  
PORTAL 3

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-Y1006-14A  
SCALE  
AS SHOWN  
SHEET NO.

11/16/2023 1:21:48 PM c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dal\c.cordoba\dms28528\VPB-CV-Y1007-14A.dgn

04Z0008



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

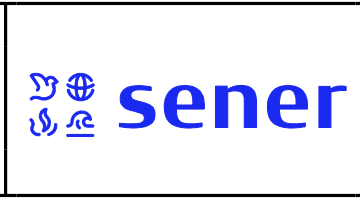
HORIZ: 1"=100'  
VERT: 1"=10'

STATION					TOTAL
CY	Exc				
	Emb				

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
R.RODRIGUEZ  
IN CHARGE  
A.RELANO  
DATE  
10/31/2023

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

**NOT FOR  
CONSTRUCTION**



**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.

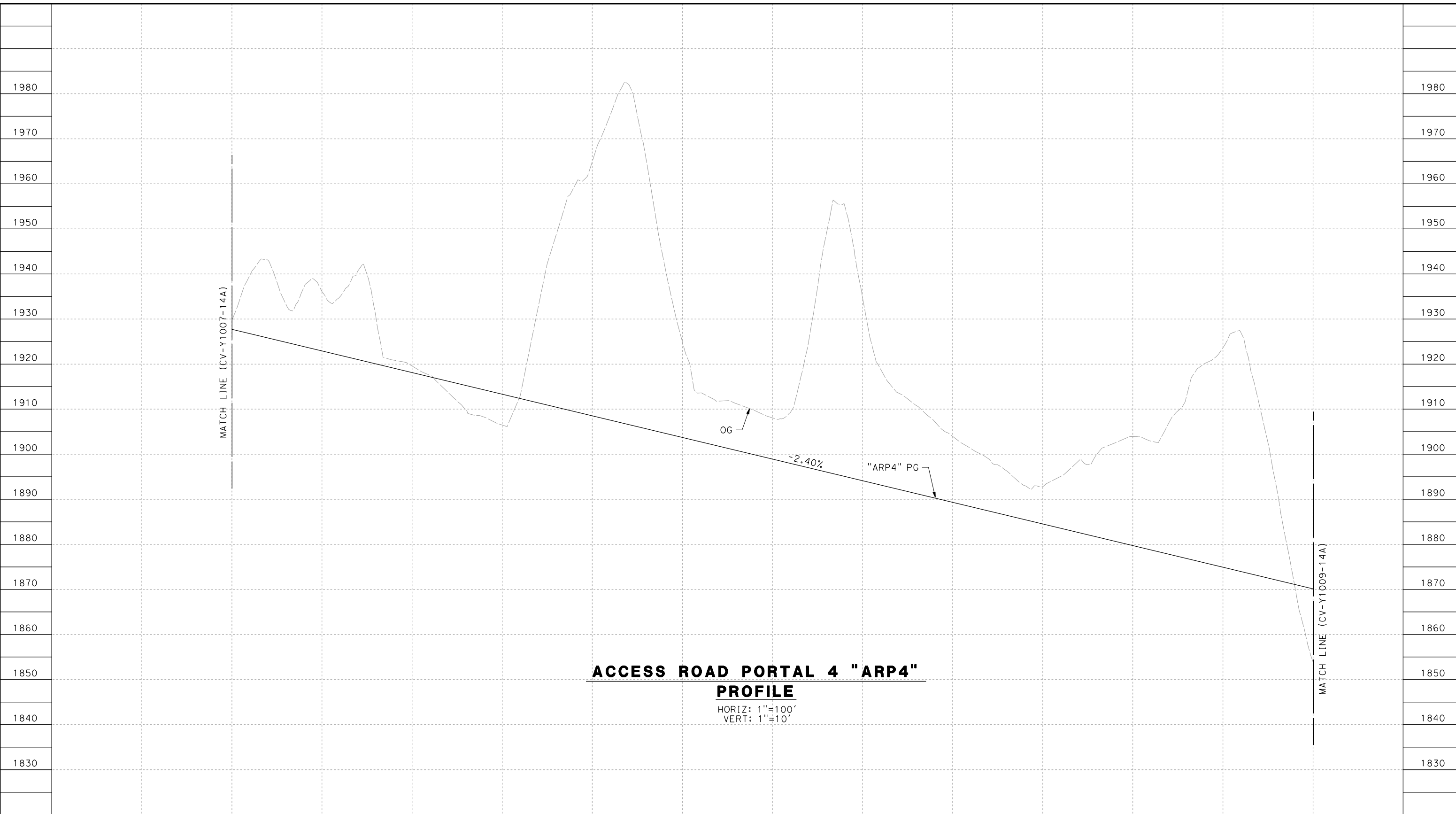
REV	DATE	BY	CHK	APP	DESCRIPTION



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04Z0008



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

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

STATION	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														

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
R.RODRIGUEZ  
IN CHARGE  
A.RELANO  
DATE  
10/31/2023

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

**NOT FOR  
CONSTRUCTION**



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

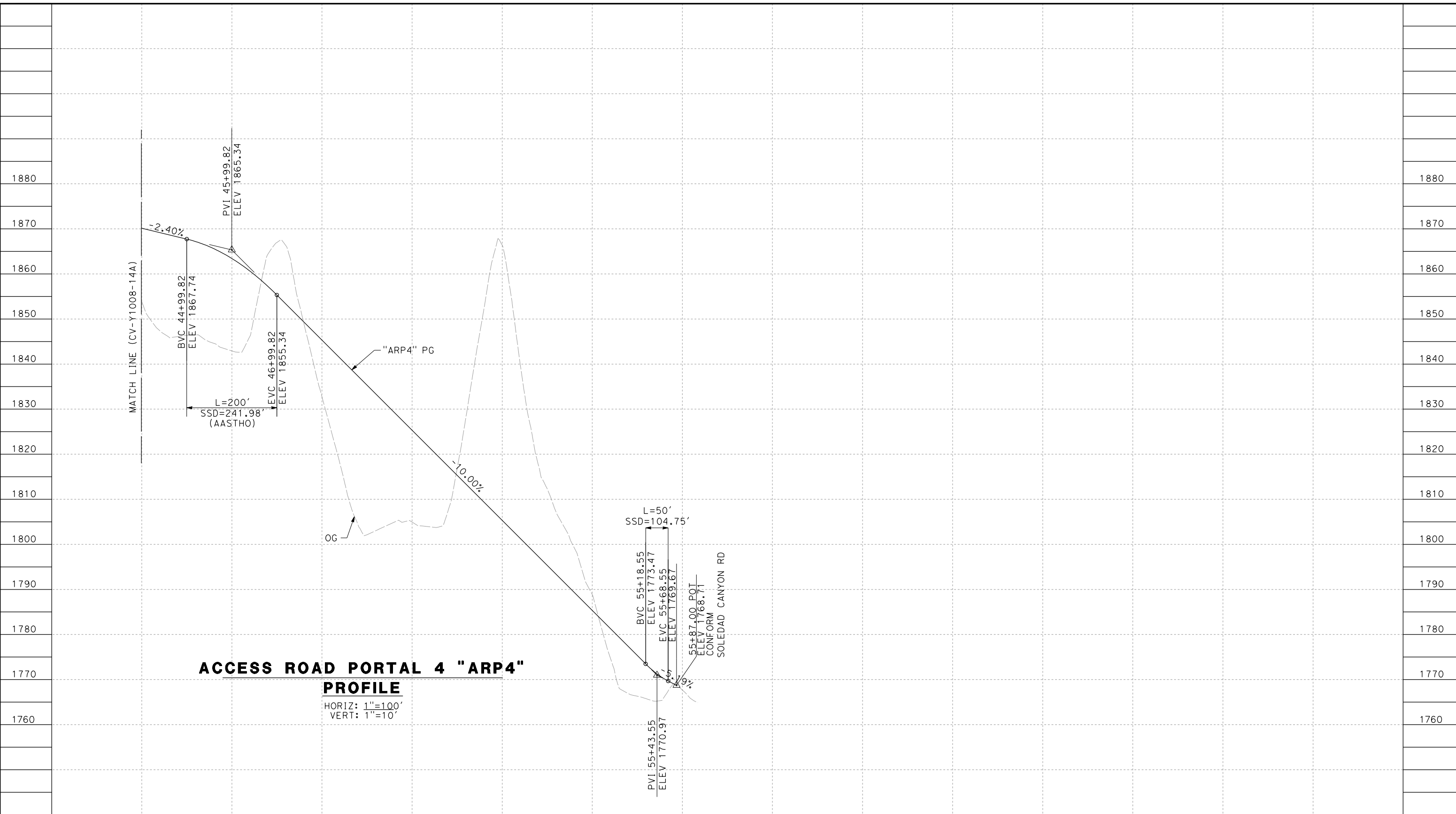
ALIGNMENT "SR14A"  
ACCESS ROAD PROFILE  
PORTAL 4 (2/3)

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

REV	DATE	BY	CHK	APP	DESCRIPTION

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11/16/2023 1:21:54 PM 04Z0008



**ACCESS ROAD PORTAL 4 "ARP4"**

**PROFILE**

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

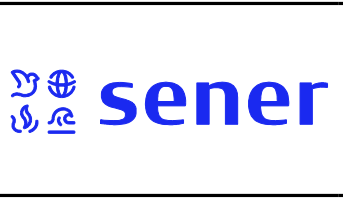
STATION	44+00	46+00	48+00	50+00	52+00	54+00	56+00	TOTAL
CY	Exc							
	Emb							

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
R.RODRIGUEZ  
IN CHARGE  
A.RELANO  
DATE  
10/31/2023

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

**NOT FOR  
CONSTRUCTION**



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

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

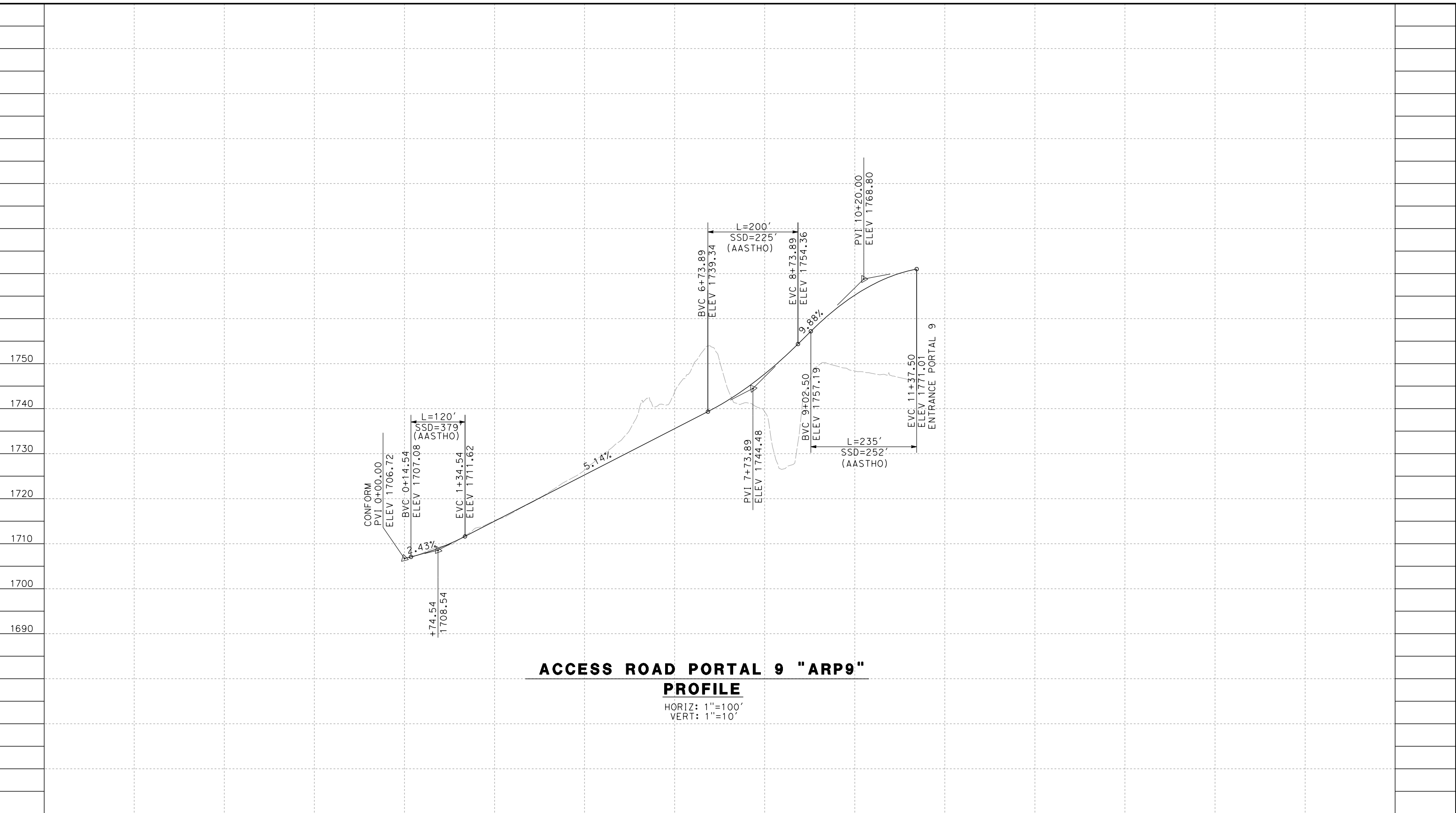
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-Y1009-14A  
SCALE  
AS SHOWN  
SHEET NO.



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11/16/2023 1:21:56 PM

04Z0008



**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
CY	Exc						
	Emb						

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**

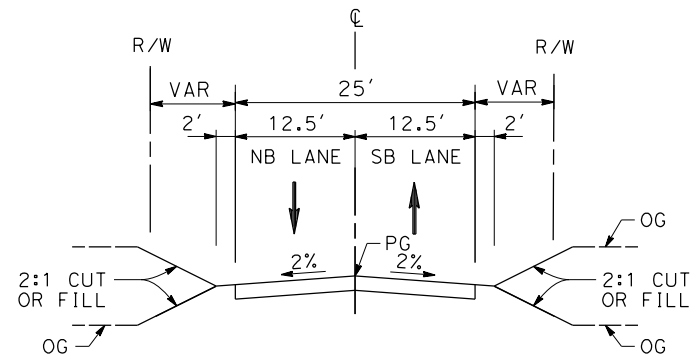


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**

ALIGNMENT "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



**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 ROAD 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

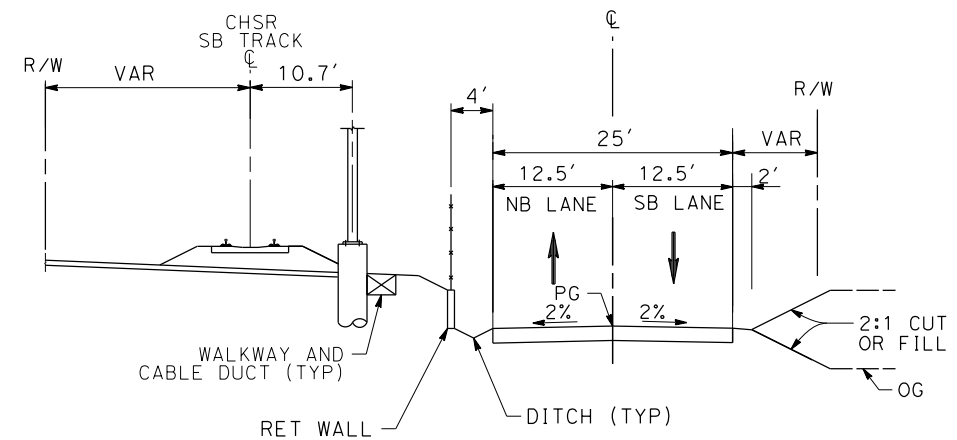
- STA 47+46.21 TO STA 48+59.55
- STA 49+75.37 TO STA 51+34.75
- STA 53+34.56 TO STA 54+45.69
- STA 55+44.28 TO STA 55+87.00

INTERMEDIATE WINDOW

STA 0+00.00 TO STA 23+25.10

PORTAL 9

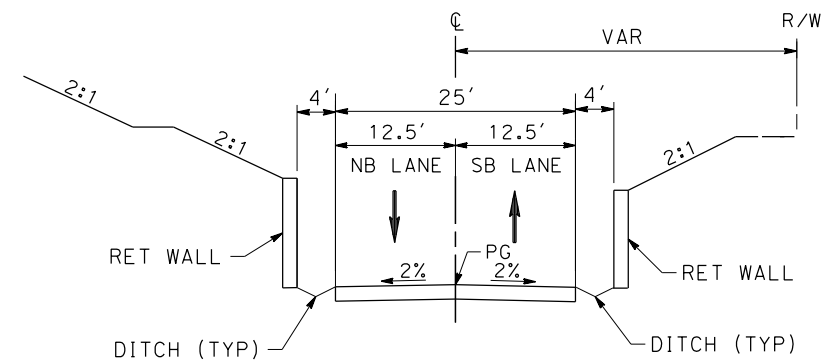
STA 0+00.00 TO STA 11+37.50



**ACCESS ROADS SR14A PORTALS**

PORTAL 4

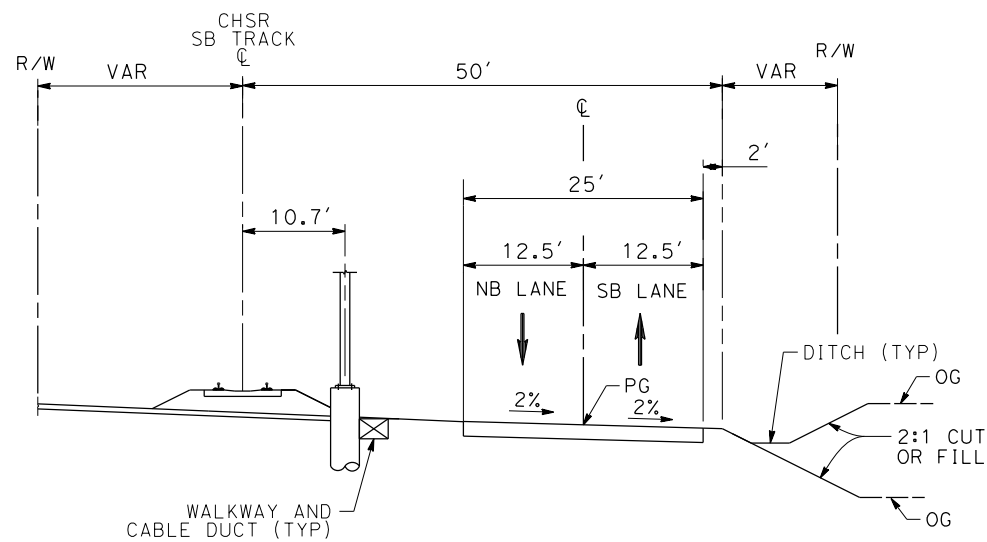
STA 46+28.76 TO STA 47+46.21



**ACCESS ROADS SR14A PORTALS**

PORTAL 4

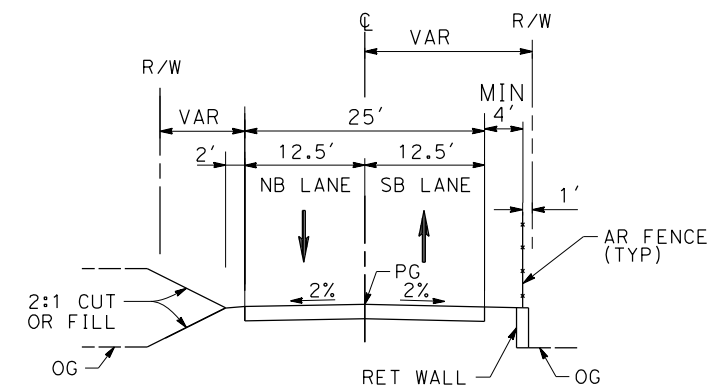
STA 51+34.75 TO STA 53+34.56



**ACCESS ROADS SR14A PORTALS**

PORTAL 4

STA 0+00.00 TO STA 46+28.76



**ACCESS ROADS SR14A PORTALS**

PORTAL 4

STA 48+59.55 TO STA 49+75.37  
STA 54+45.69 TO STA 55+44.28

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2/15/2024 7:16:51 PM

04Z0008

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY D.CORDOBA
DRAWN BY D.CORDOBA
CHECKED BY R.RODRIGUEZ
IN CHARGE A.RELANO
DATE 02/07/2024

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

**NOT FOR  
CONSTRUCTION**



CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

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

ALIGNMENT "SR14A"  
ACCESS ROADS TYPICAL SECTIONS  
PORTALS SR14A

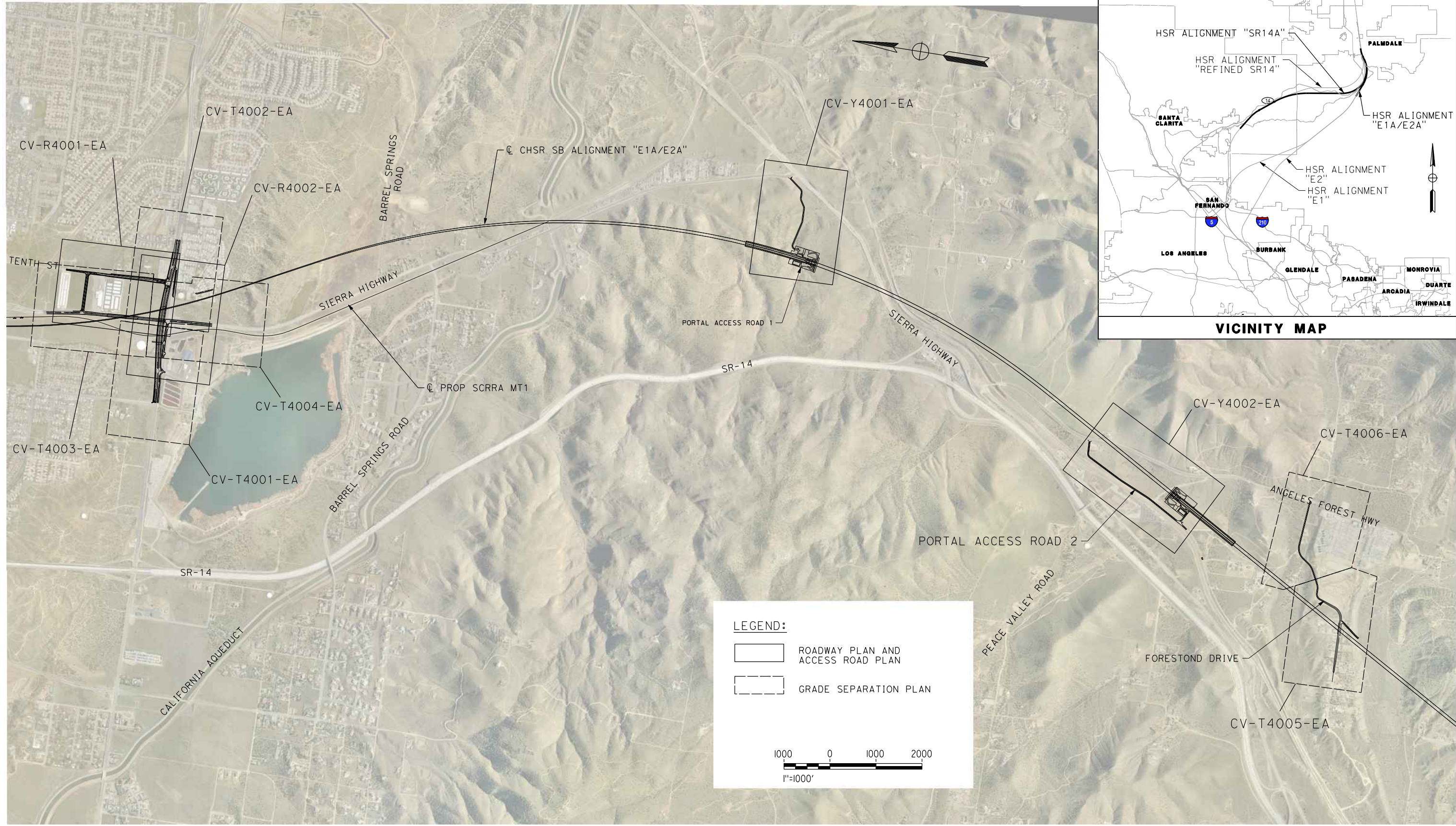
CONTRACT NO. HSR14-42
DRAWING NO. CV-Y3001-14A
SCALE AS SHOWN
SHEET NO.



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04Z0008



**LEGEND:**

- ROADWAY PLAN AND ACCESS ROAD PLAN
- GRADE SEPARATION PLAN

1000 0 1000 2000  
1"=1000'

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

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

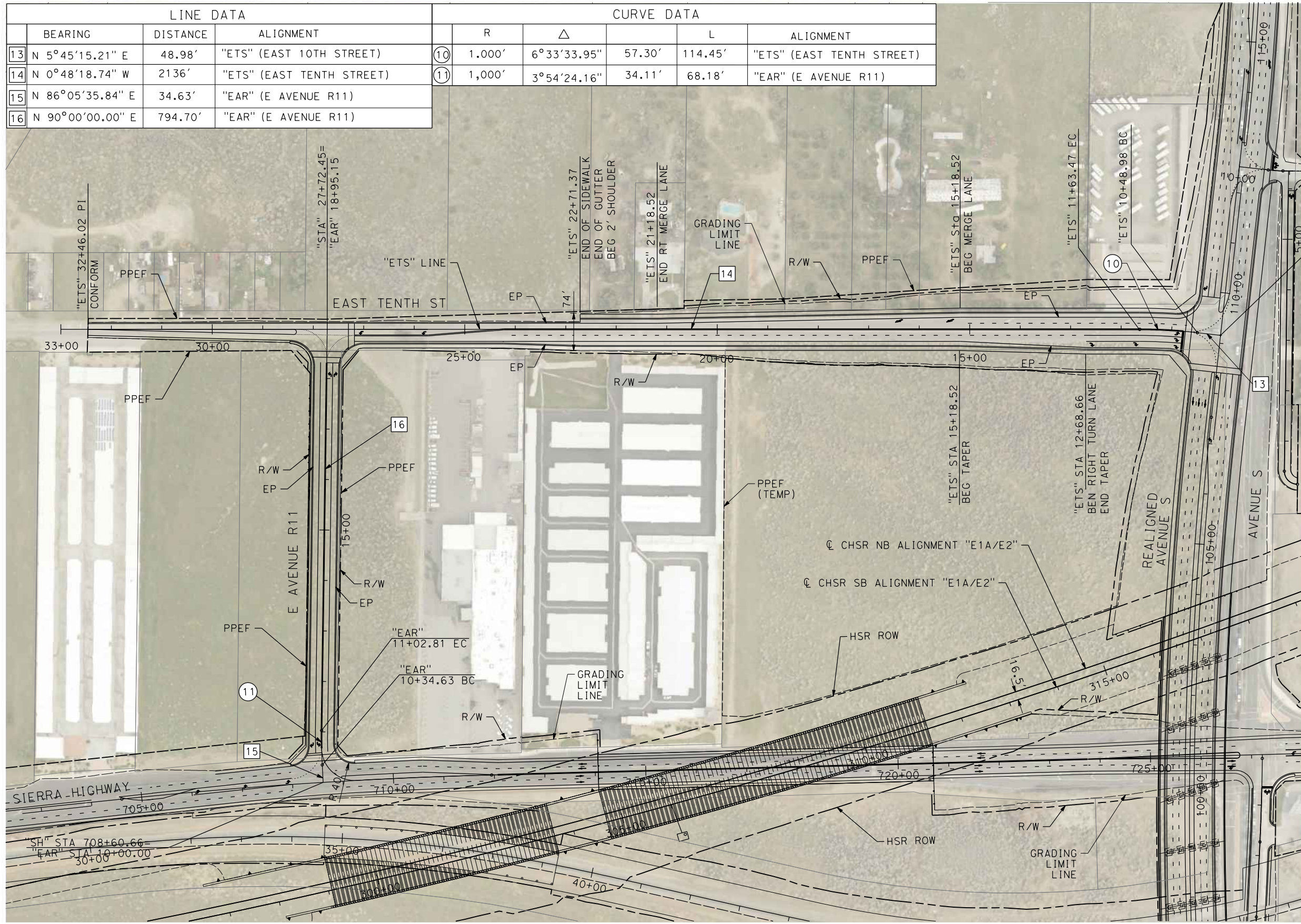


c:\pwworkingdir\sener-us-pw-bentley.com\_sener-us-pw-01\dalila.cordoba\dms28519\VPB-CV-R4001-EA.dgn

11/16/2023 1:22:41 PM

04Z0008

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)						



"ETS" 10+00.00=  
"EAS" STA 109+15.28



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
I.LAQUIDAIN  
IN CHARGE  
A.RELANO  
DATE  
04/28/2023

**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

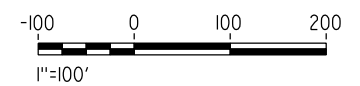
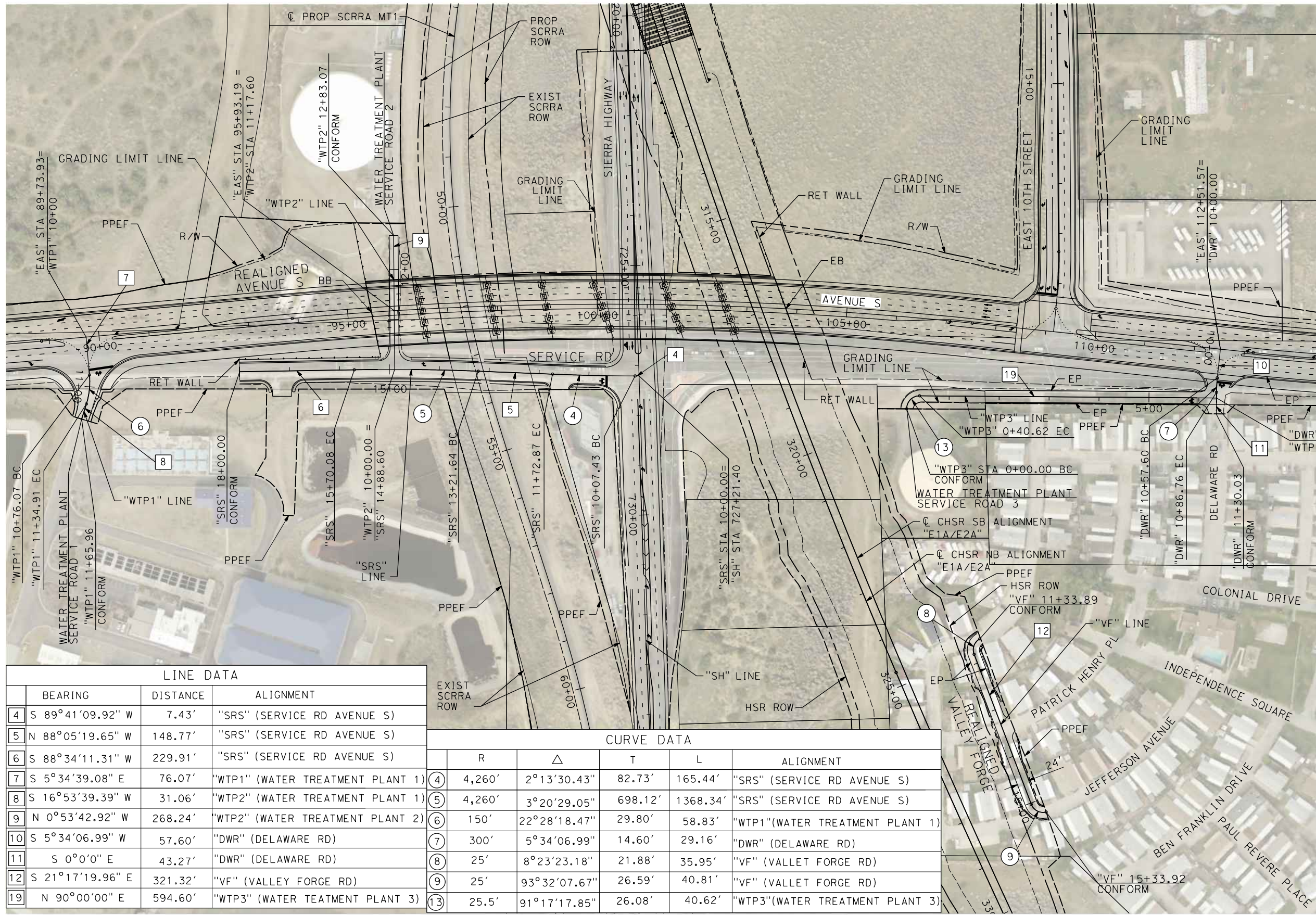
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-R4001-EA  
SCALE  
AS SHOWN  
SHEET NO.



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04Z0008



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	31.06'	"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	43.27'	"DWR" (DELAWARE RD)
12	S 21°17'19.96" E	321.32'	"VF" (VALLEY FORGE RD)
19	N 90°00'00" E	594.60'	"WTP3" (WATER TREATMENT PLANT 3)

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 1)
7	300'	5°34'06.99"	14.60'	29.16'	"DWR" (DELAWARE RD)
8	25'	8°23'23.18"	21.88'	35.95'	"VF" (VALLEY FORGE RD)
9	25'	93°32'07.67"	26.59'	40.81'	"VF" (VALLEY FORGE RD)
13	25.5'	91°17'17.85"	26.08'	40.62'	"WTP3"(WATER TREATMENT PLANT 3)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
I.LAQUIDAIN  
IN CHARGE  
A.RELANO  
DATE  
04/28/2023

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

**NOT FOR  
CONSTRUCTION**



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

ALIGNMENT "E1A/E2A"  
ROADWAY PLAN  
WATER TREATMENT ACCESS ROADS, DELAWARE RD &  
VALLEY FORGE RD

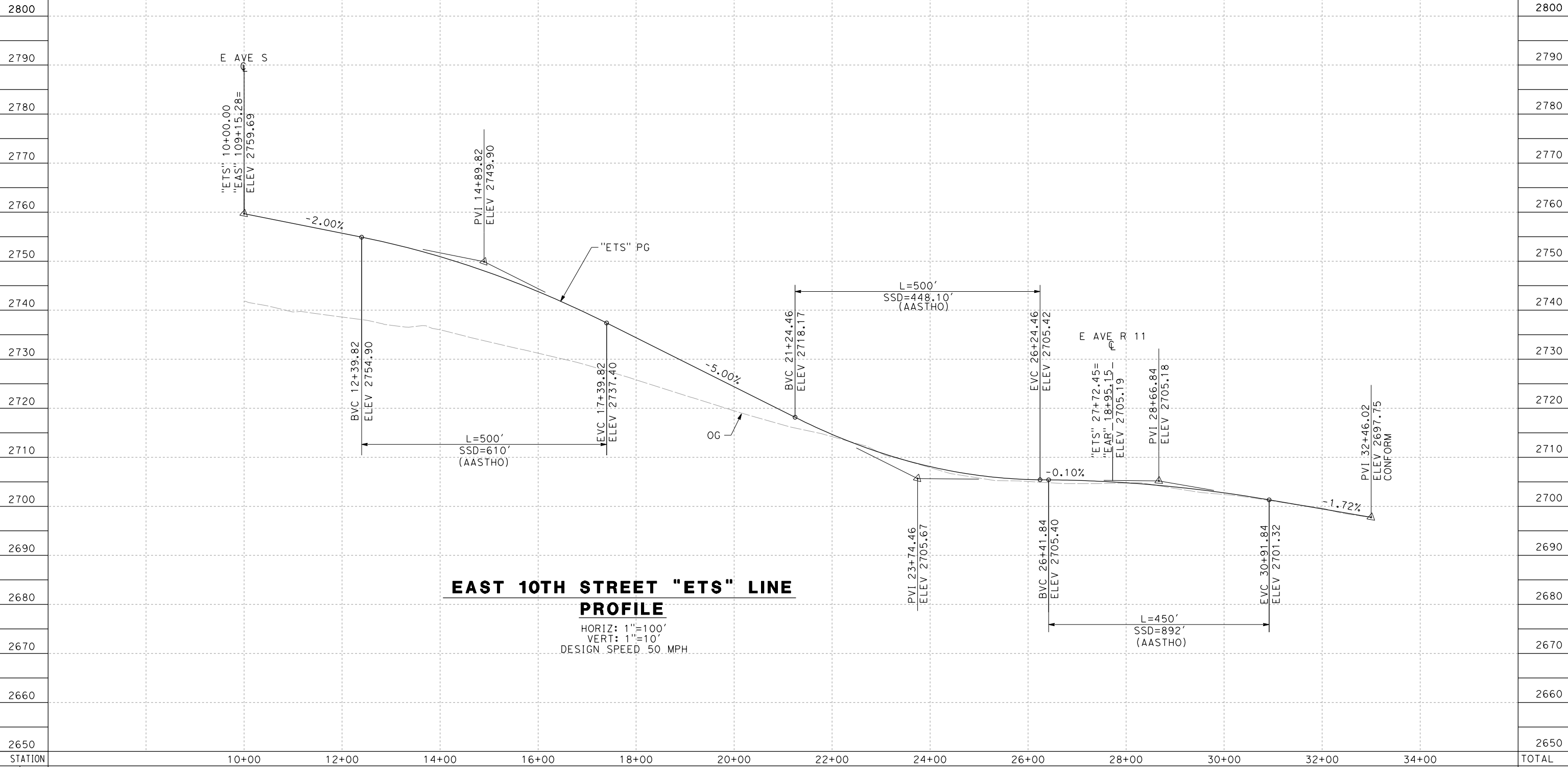
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-R4002-EA  
SCALE  
AS SHOWN  
SHEET NO.



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11/16/2023 1:23:07 PM

04Z0008



**EAST 10TH STREET "ETS" LINE  
PROFILE**  
 HORIZ: 1"=100'  
 VERT: 1"=10'  
 DESIGN SPEED 50 MPH

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

DESIGNED BY  
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.

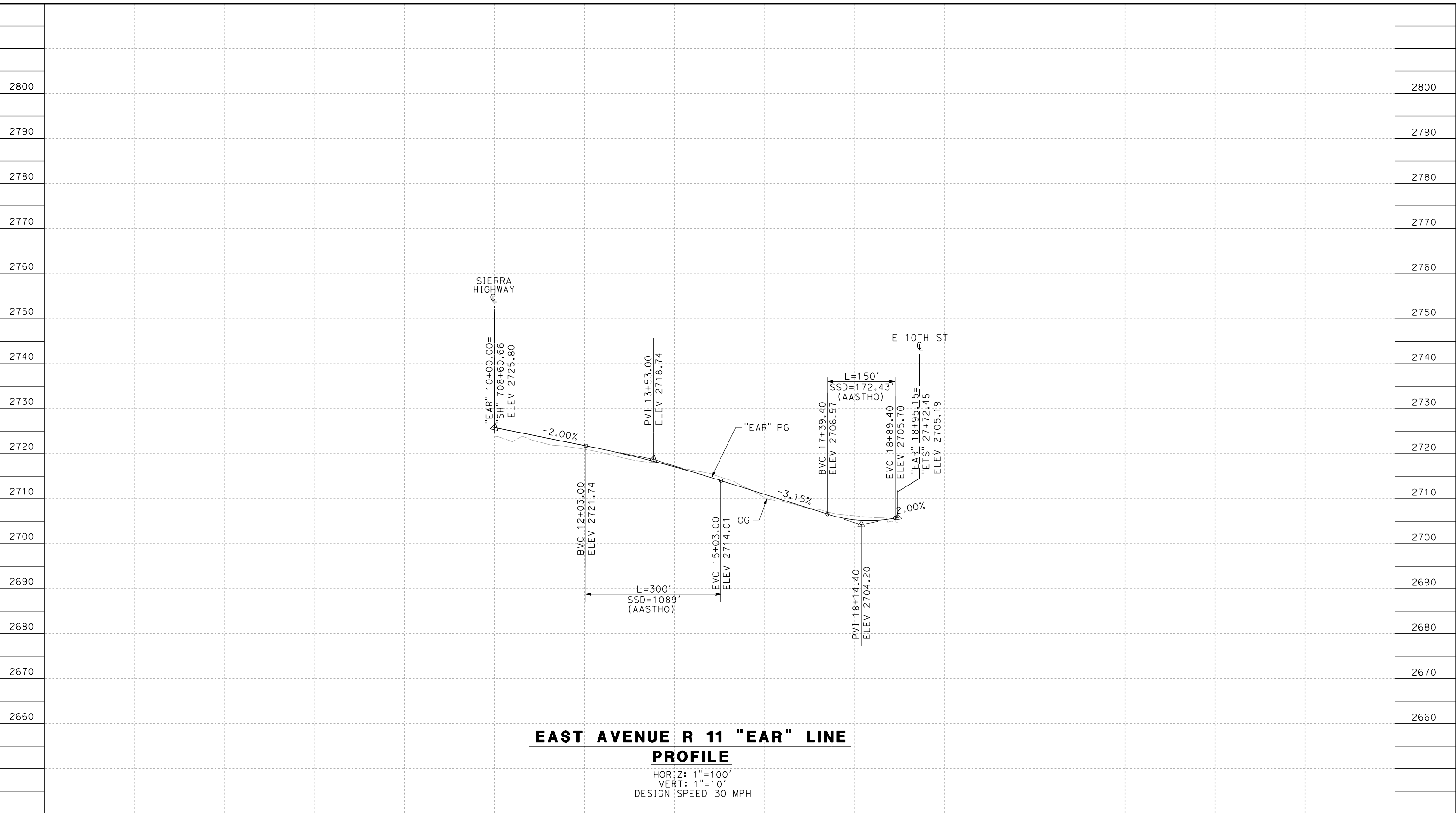
REV	DATE	BY	CHK	APP	DESCRIPTION



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11/16/2023 1:23:09 PM

04Z0008



**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
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  
E AVENUE R11

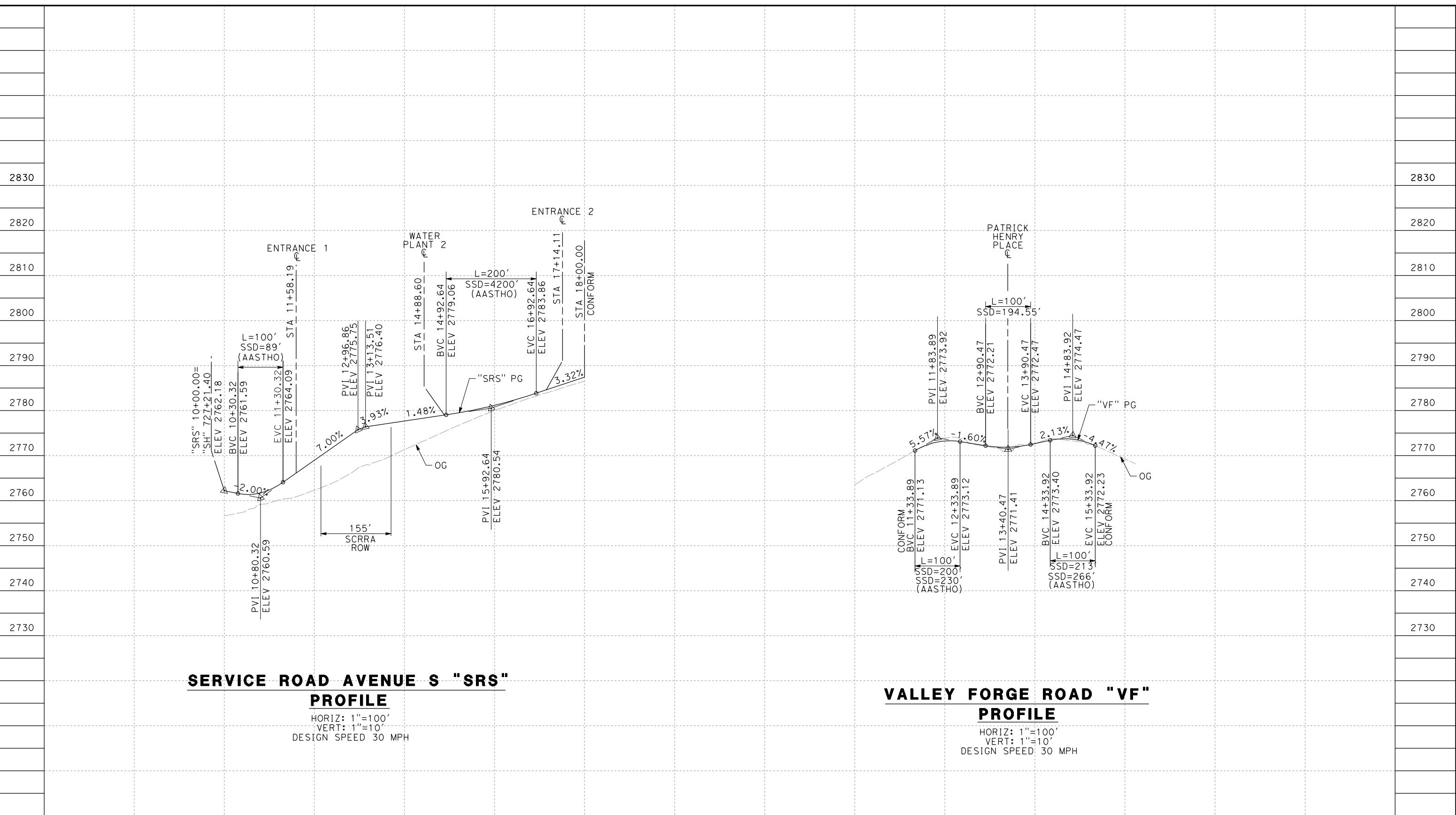
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HSR14-42  
DRAWING NO.  
CV-R1002-EA  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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04Z0008



**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

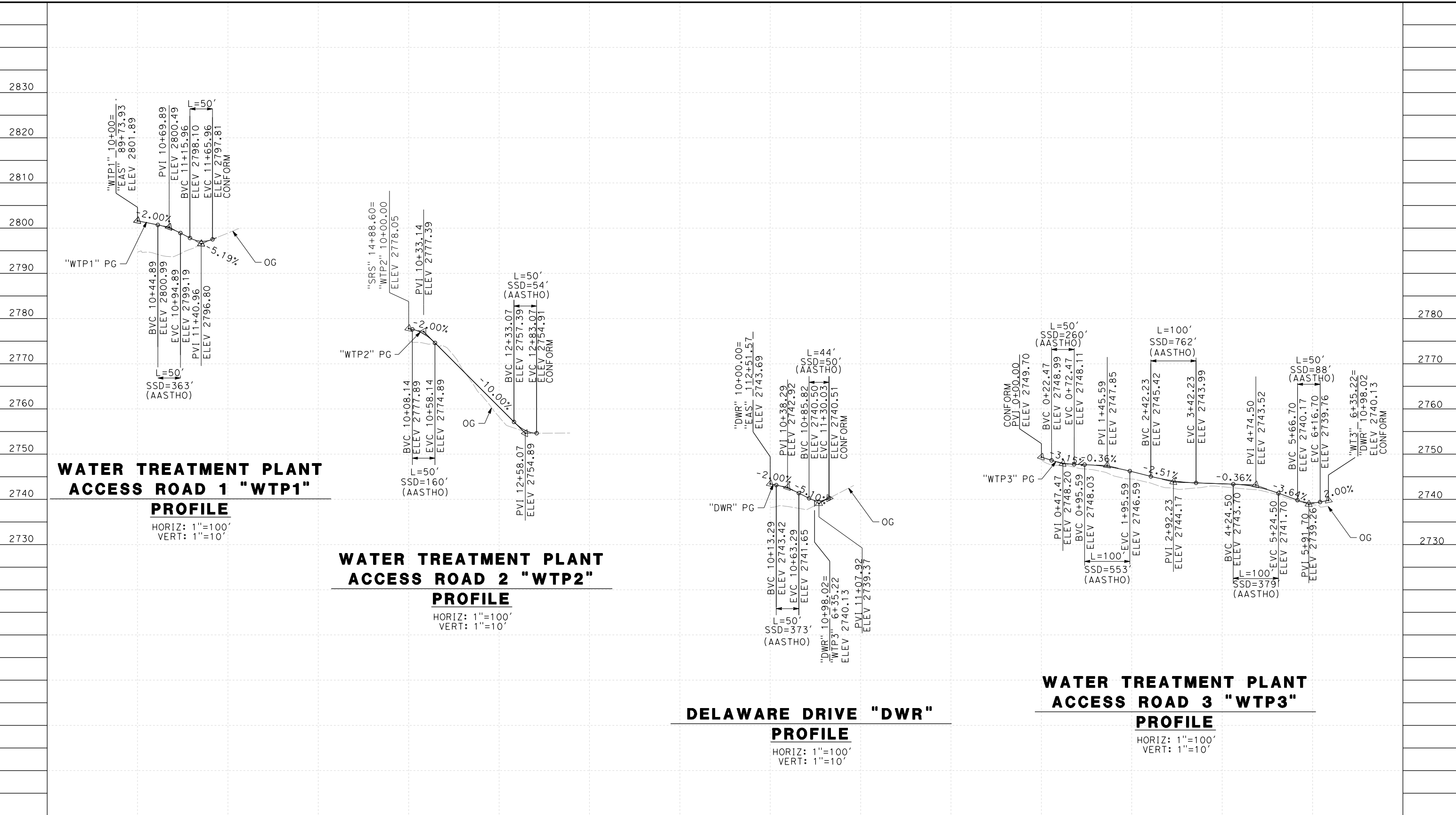
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DRAWING NO.  
CV-R1003-EA  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION



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11/16/2023 1:23:14 PM 04Z0008



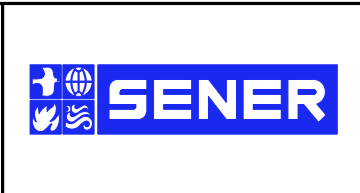
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CY	Exc										
	Emb										

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
 DRAWN BY  
D.CORDOBA  
 CHECKED BY  
I.LAQUIDAIN  
 IN CHARGE  
A.RELANO  
 DATE  
04/28/2023

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

**NOT FOR  
 CONSTRUCTION**



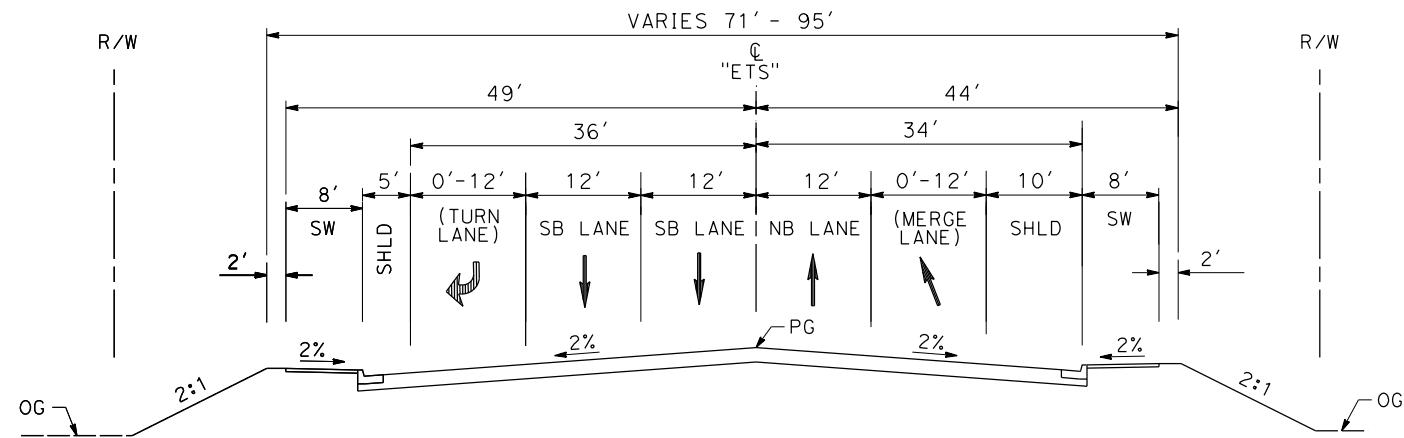
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "E1A/E2A"  
 ROADWAY PROFILE  
 WATER TREATMENT PLAN ACCESS ROADS & DELAWARE RD

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

ct:\pwworkingdir\sener-us-pw\bentley.com\_sener-us-pw-01\dalia.cordoba\dms28519\FB-CV-R3001-EA.dgn

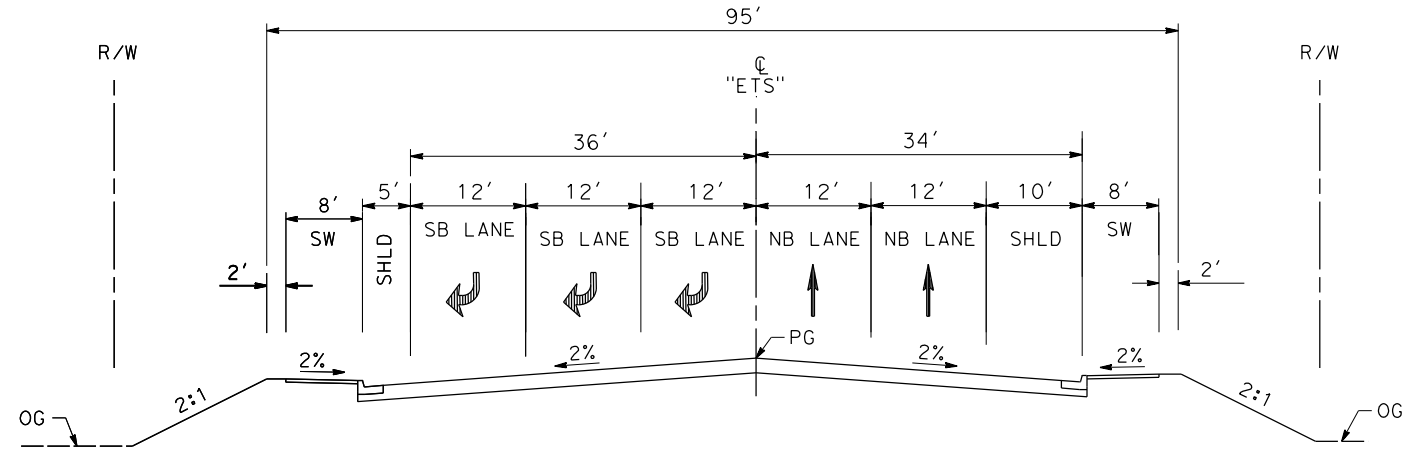
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04Z0008



**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**

**NOT FOR  
CONSTRUCTION**

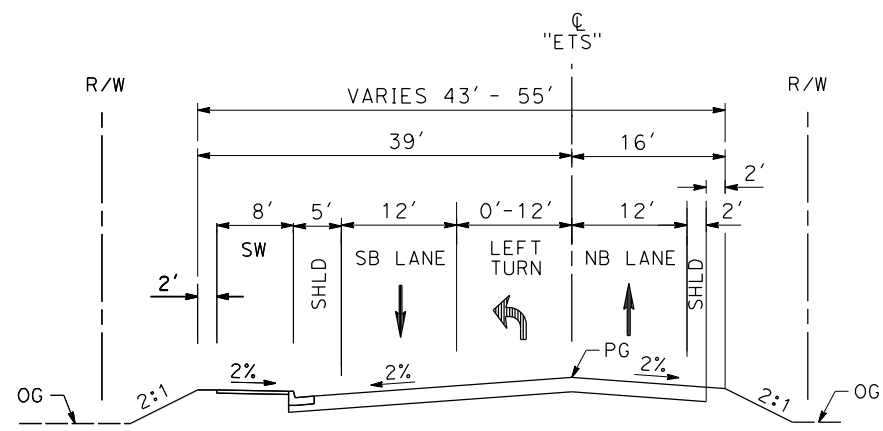


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**

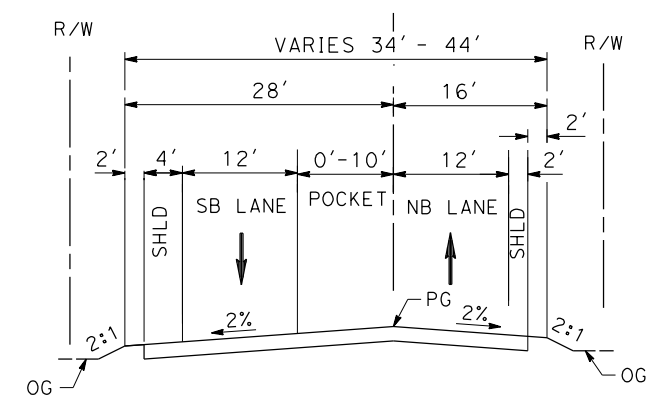
ALIGNMENT "E1A/E2A"  
ROADWAY TYPICAL SECTIONS  
EAST 10TH STREET (1/2)

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-R3001-EA  
SCALE  
AS SHOWN  
SHEET NO.

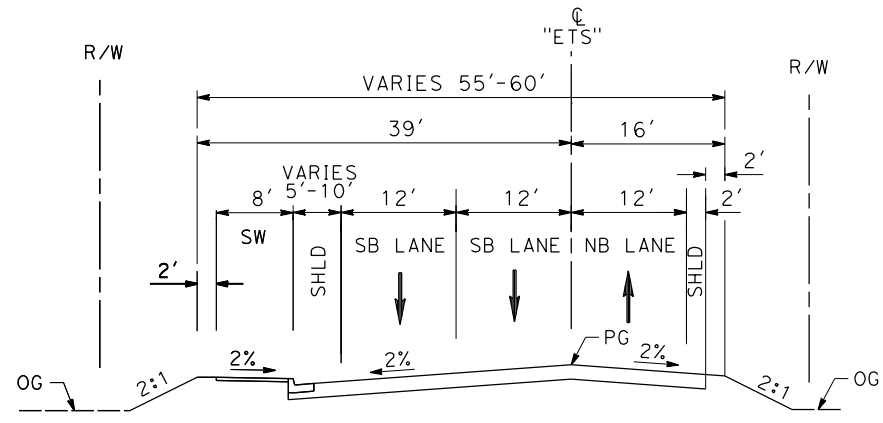




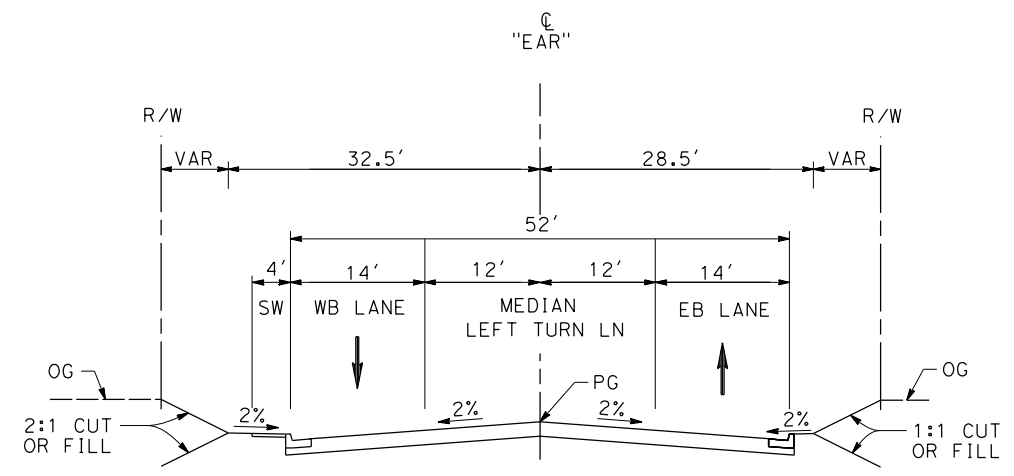
**EAST 10TH ST**  
 STA 24+22.42 TO STA 27+49.52  
 SECONDARY ARTERIAL  
 PER CITY OF PALMDALE GENERAL PLAN



**EAST 10TH ST**  
 STA 27+49.52 TO STA STA 32+46.02  
 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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11/16/2023 1:23:19 PM

04Z0008

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**

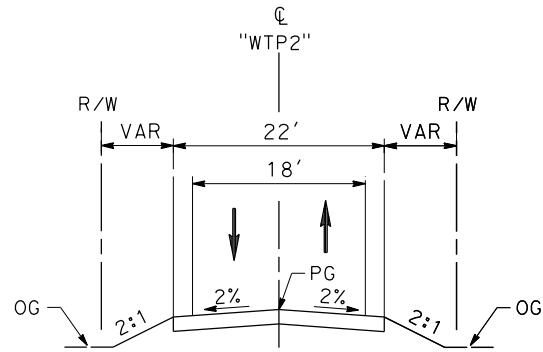
**NOT FOR  
 CONSTRUCTION**



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

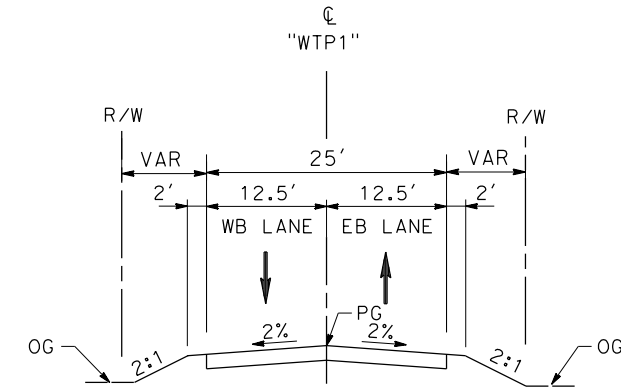
ALIGNMENT "E1A/E2A"  
 ROADWAY TYPICAL SECTIONS  
 EAST 10TH STREET (2/2) & E AVENUE R11

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



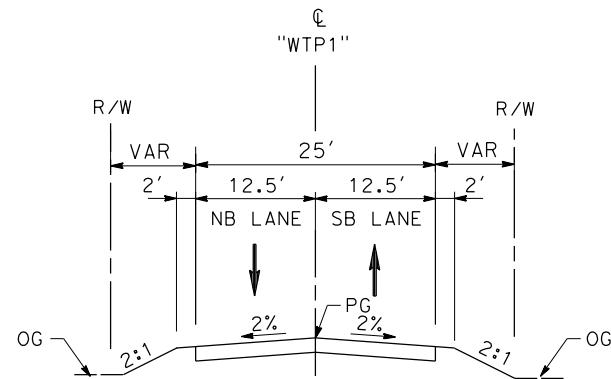
**WATER TREATMENT PLANT  
ACCESS ROAD 2**

STA 10+00 TO STA 12+83.07



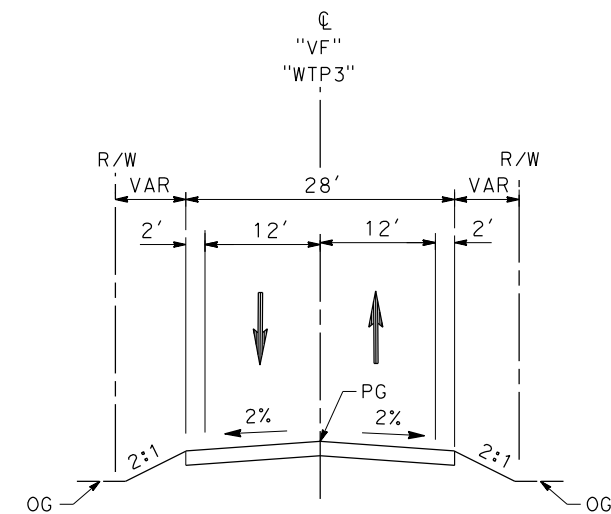
**DELAWARE RD**

STA 10+00 TO STA 11+30.03



**WATER TREATMENT PLANT  
ACCESS ROAD 1**

STA 10+00 TO STA 11+65.96



**VALLEY FORGE RD**

11+33.89 TO 15+33.92

**WATER TREATMENT PLANT  
ACCESS ROAD 3**

STA 0+00 TO STA 6+35.22

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11/16/2023 1:23:22 PM

04Z0008

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
I.LAQUIDAIN  
IN CHARGE  
A.RELANO  
DATE  
04/28/2023

**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

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

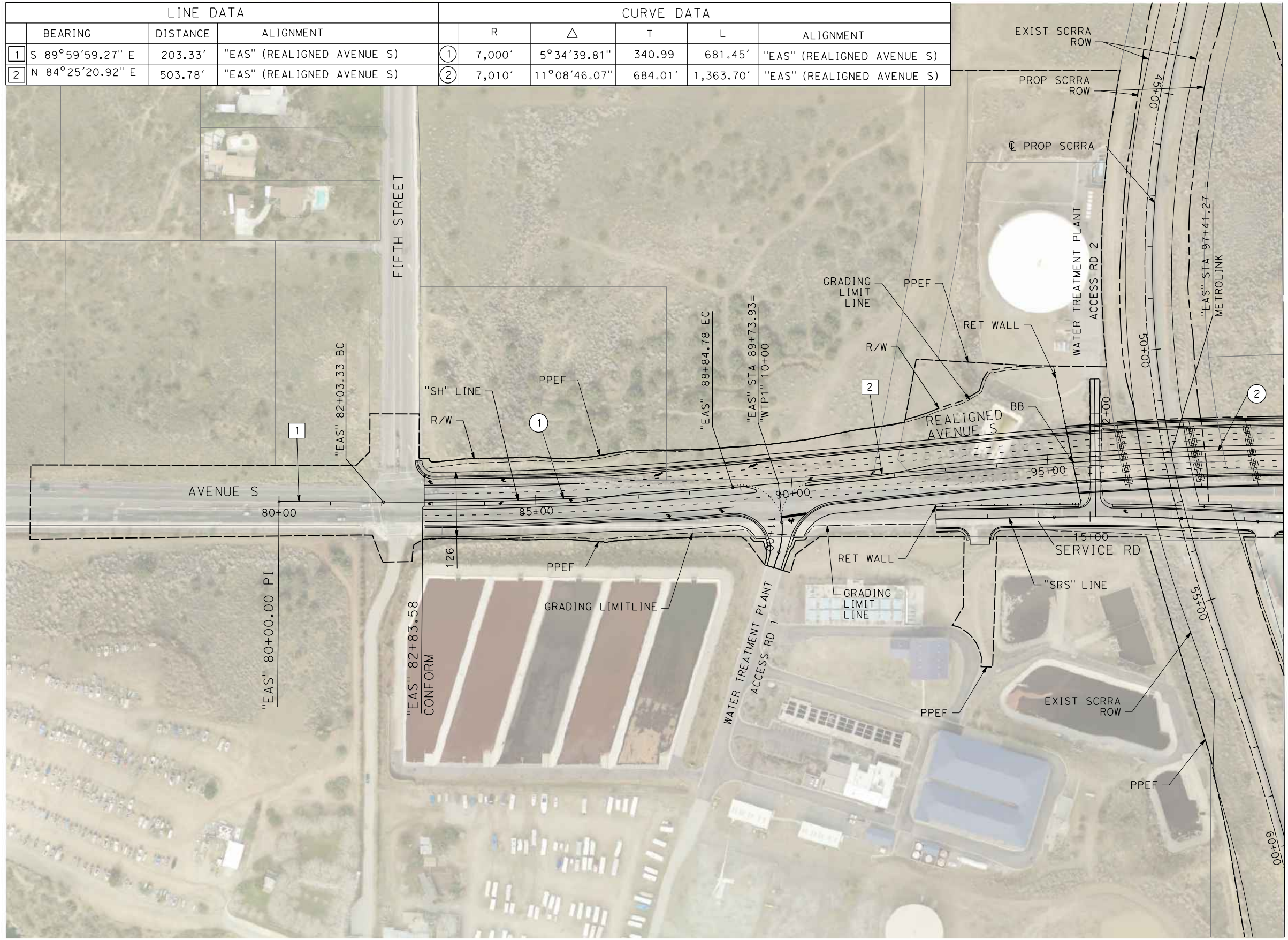


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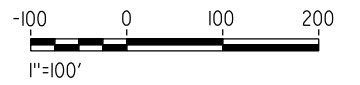
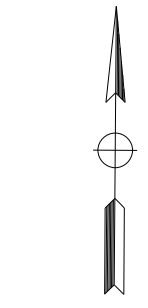
11/16/2023 1:23:27 PM

04Z0008

LINE DATA				CURVE DATA				
	BEARING	DISTANCE	ALIGNMENT	R	$\Delta$	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)



MATCH LINE (CV-T4002-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  
AVENUE S (1/2)

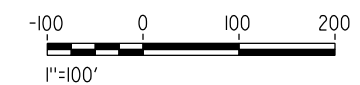
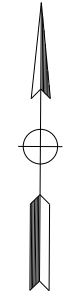
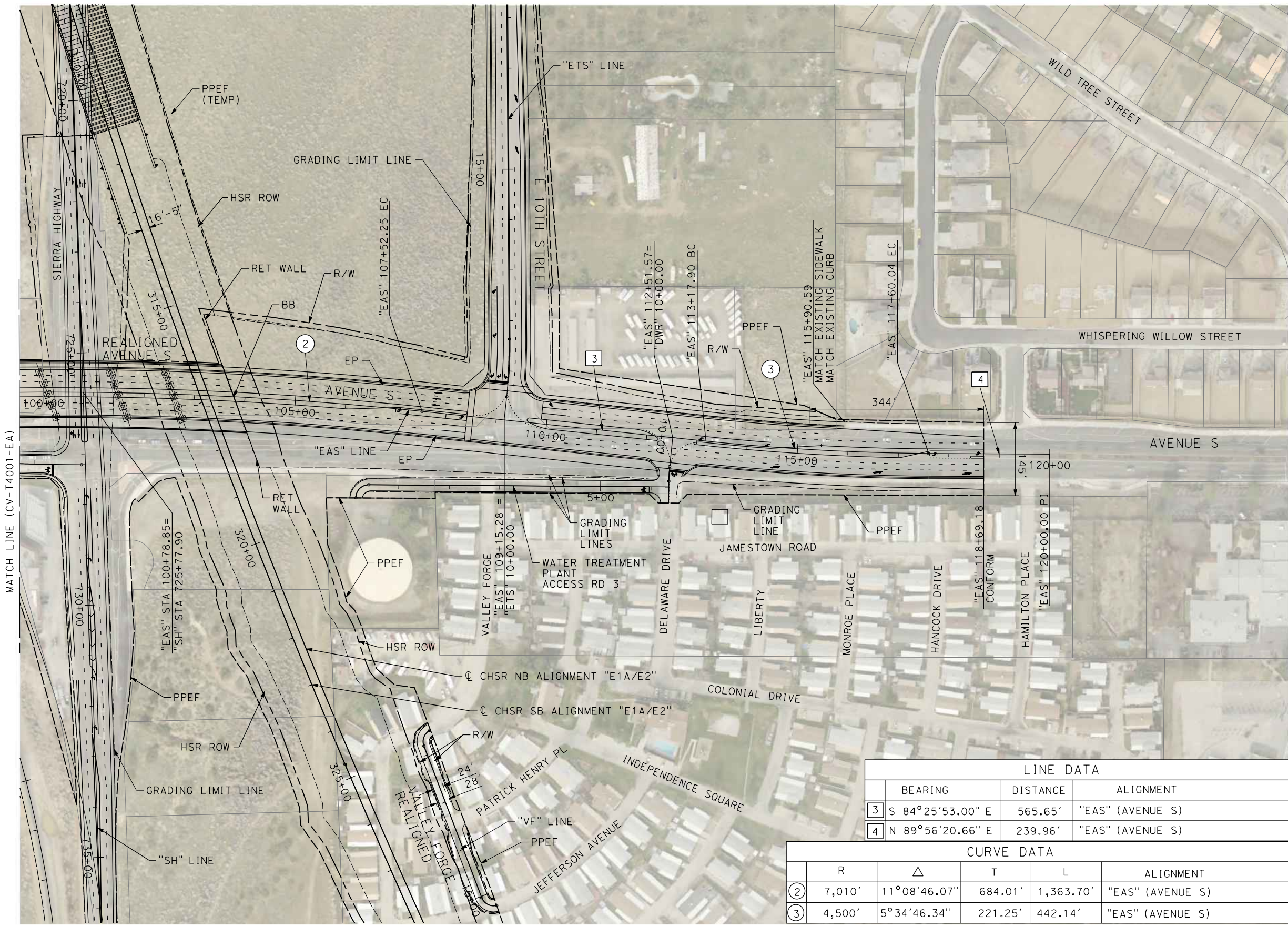
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-T4001-EA  
SCALE  
AS SHOWN  
SHEET NO.



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04Z0008



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)

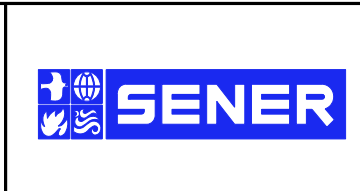
CURVE DATA					
	R	Δ	T	L	ALIGNMENT
2	7,010'	11°08'46.07"	684.01'	1,363.70'	"EAS" (AVENUE S)
3	4,500'	5°34'46.34"	221.25'	442.14'	"EAS" (AVENUE S)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
I.LAQUIDAIN  
IN CHARGE  
A.RELANO  
DATE  
04/28/2023

**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)

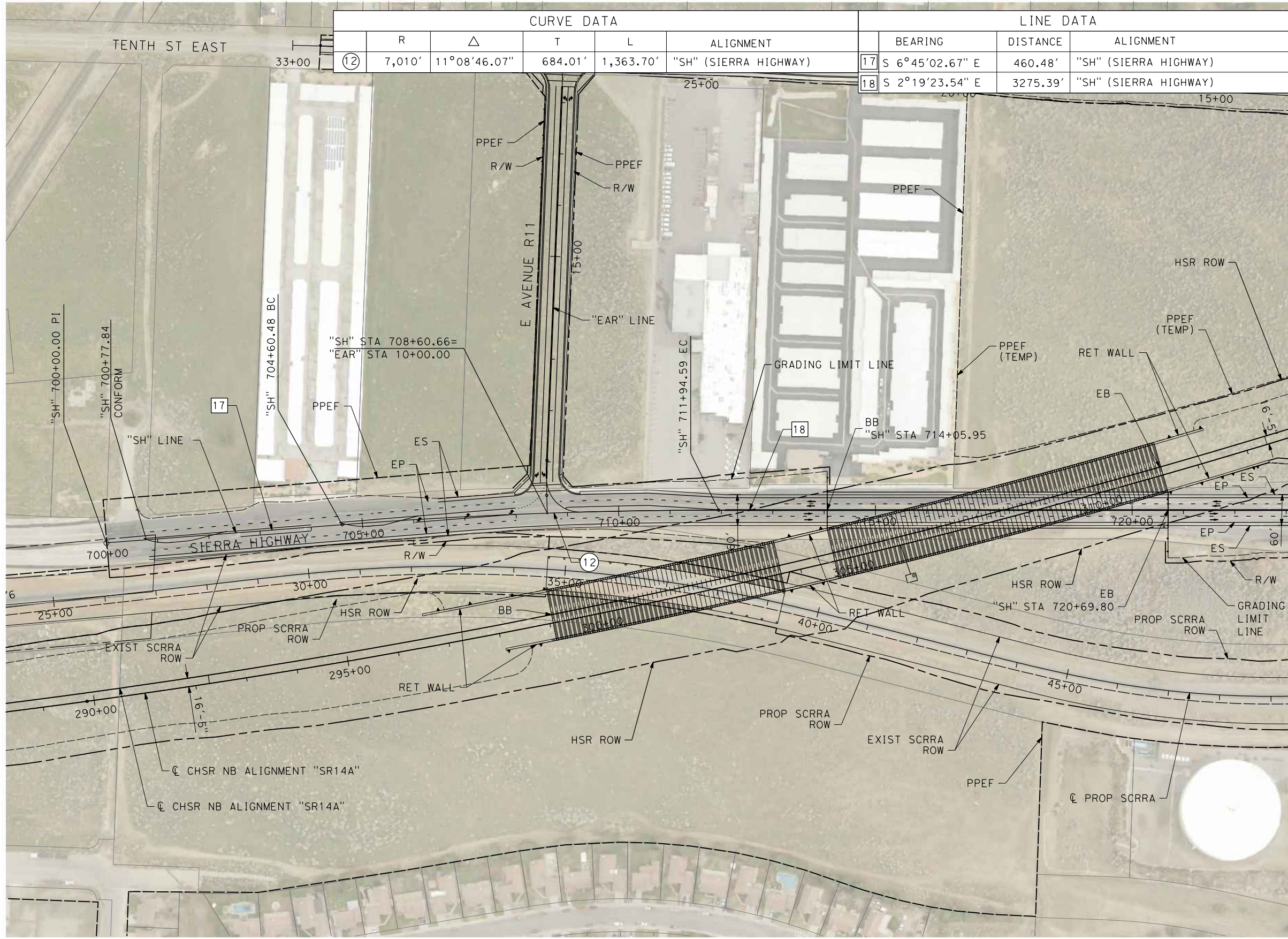
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-T4002-EA  
SCALE  
AS SHOWN  
SHEET NO.



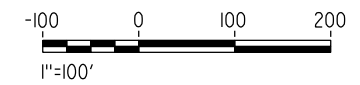
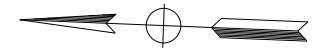
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11/16/2023 1:23:56 PM

04Z0008



CURVE DATA					LINE DATA			
	R	$\Delta$	T	L	ALIGNMENT	BEARING	DISTANCE	ALIGNMENT
(12)	7,010'	11°08'46.07"	684.01'	1,363.70'	"SH" (SIERRA HIGHWAY)	17 S 6°45'02.67" E	460.48'	"SH" (SIERRA HIGHWAY)
						18 S 2°19'23.54" E	3275.39'	"SH" (SIERRA HIGHWAY)



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.

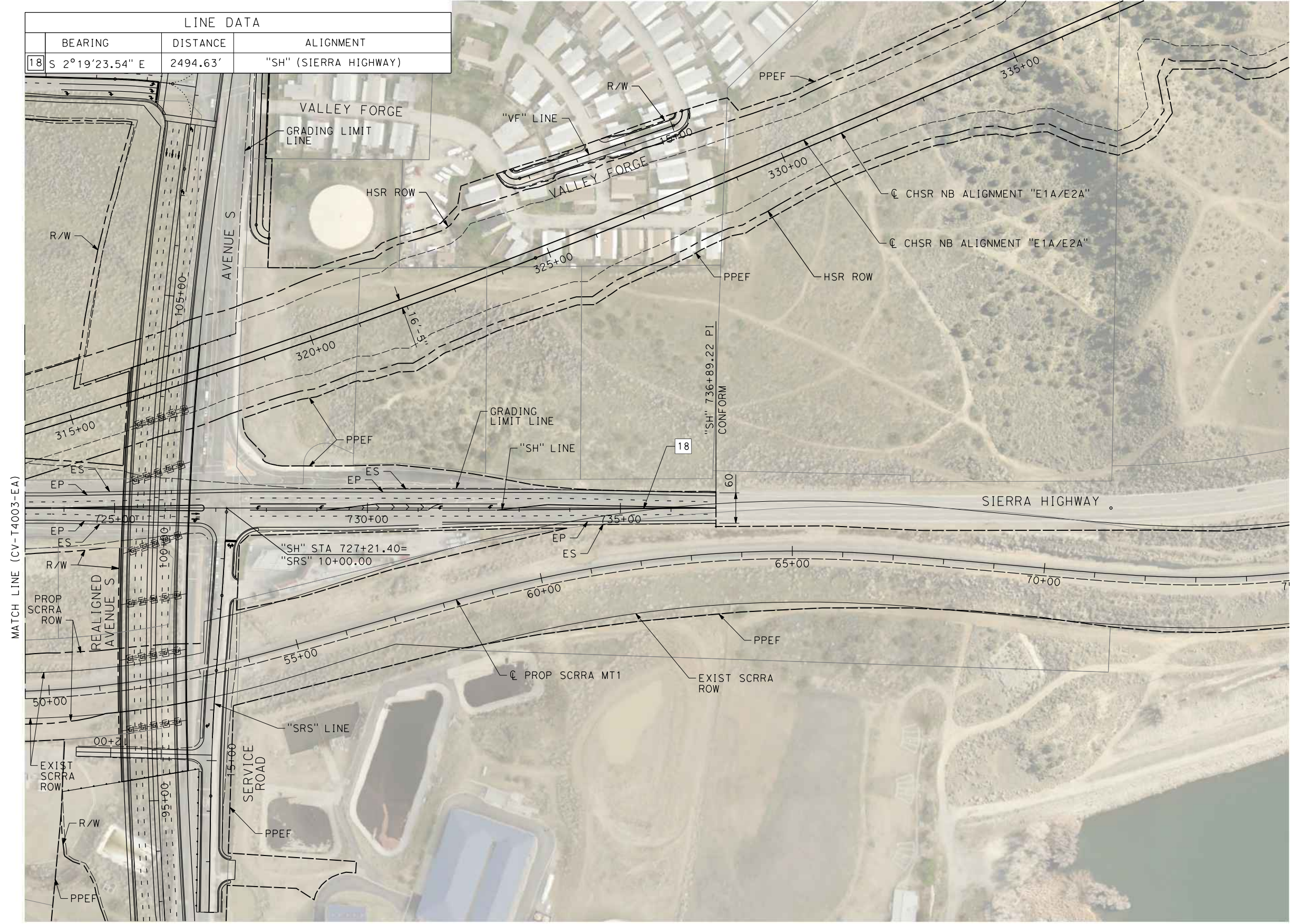


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11/16/2023 1:24:12 PM

04Z0008

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

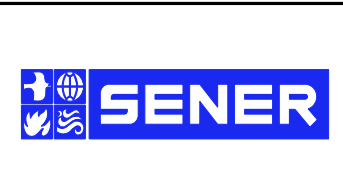


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
I.LAQUIDAIN  
IN CHARGE  
A.RELANO  
DATE  
04/28/2023

**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.



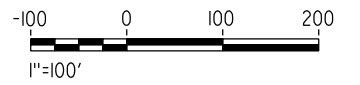
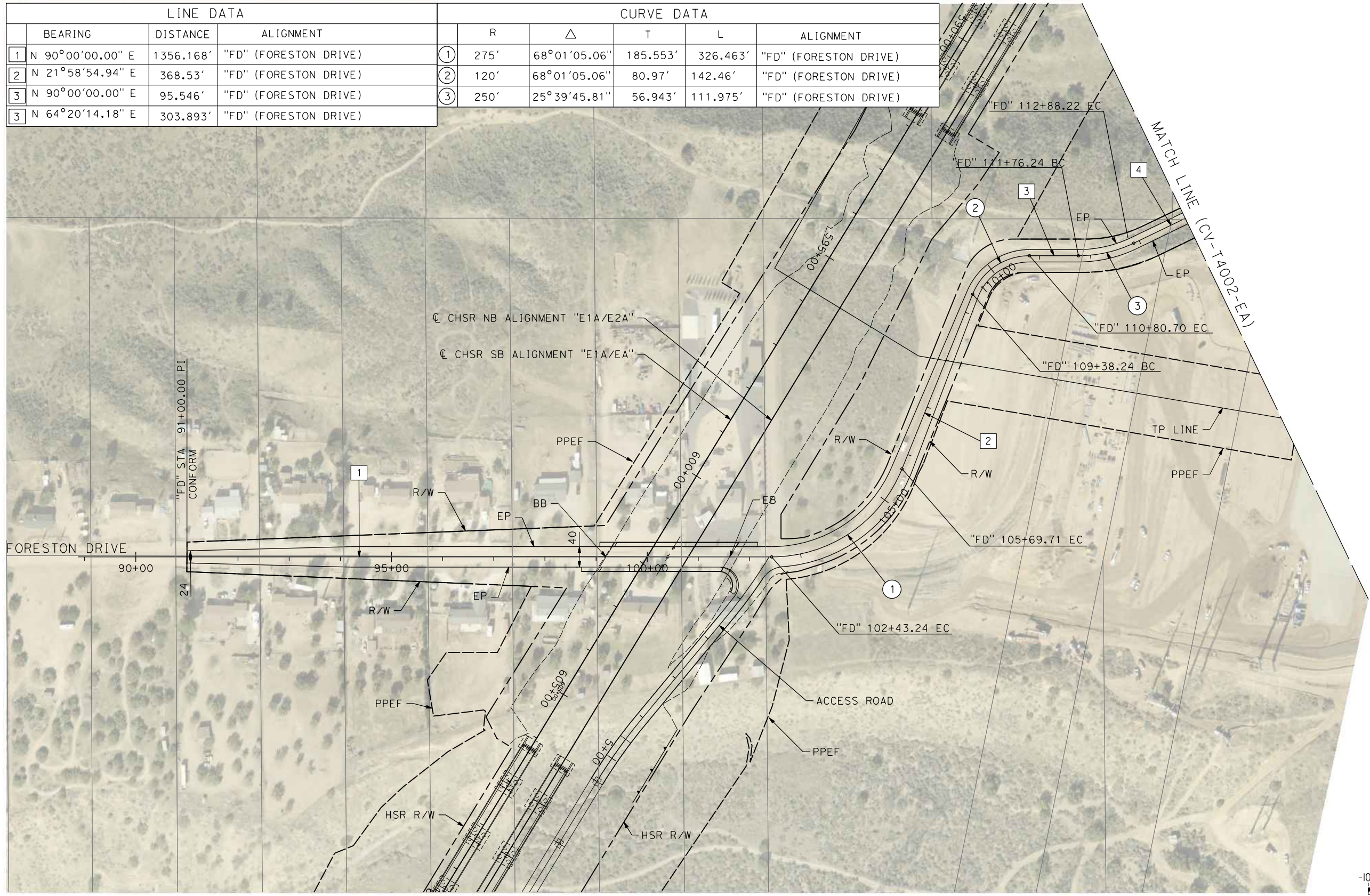
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11/16/2023 1:24:26 PM

04Z0008

LINE DATA			
	BEARING	DISTANCE	ALIGNMENT
1	N 90°00'00.00" E	1356.168'	"FD" (FORESTON DRIVE)
2	N 21°58'54.94" E	368.53'	"FD" (FORESTON DRIVE)
3	N 90°00'00.00" E	95.546'	"FD" (FORESTON DRIVE)
3	N 64°20'14.18" E	303.893'	"FD" (FORESTON DRIVE)

CURVE DATA					
	R	Δ	T	L	ALIGNMENT
①	275'	68°01'05.06"	185.553'	326.463'	"FD" (FORESTON DRIVE)
②	120'	68°01'05.06"	80.97'	142.46'	"FD" (FORESTON DRIVE)
③	250'	25°39'45.81"	56.943'	111.975'	"FD" (FORESTON DRIVE)



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**



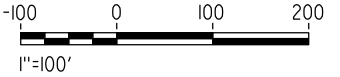
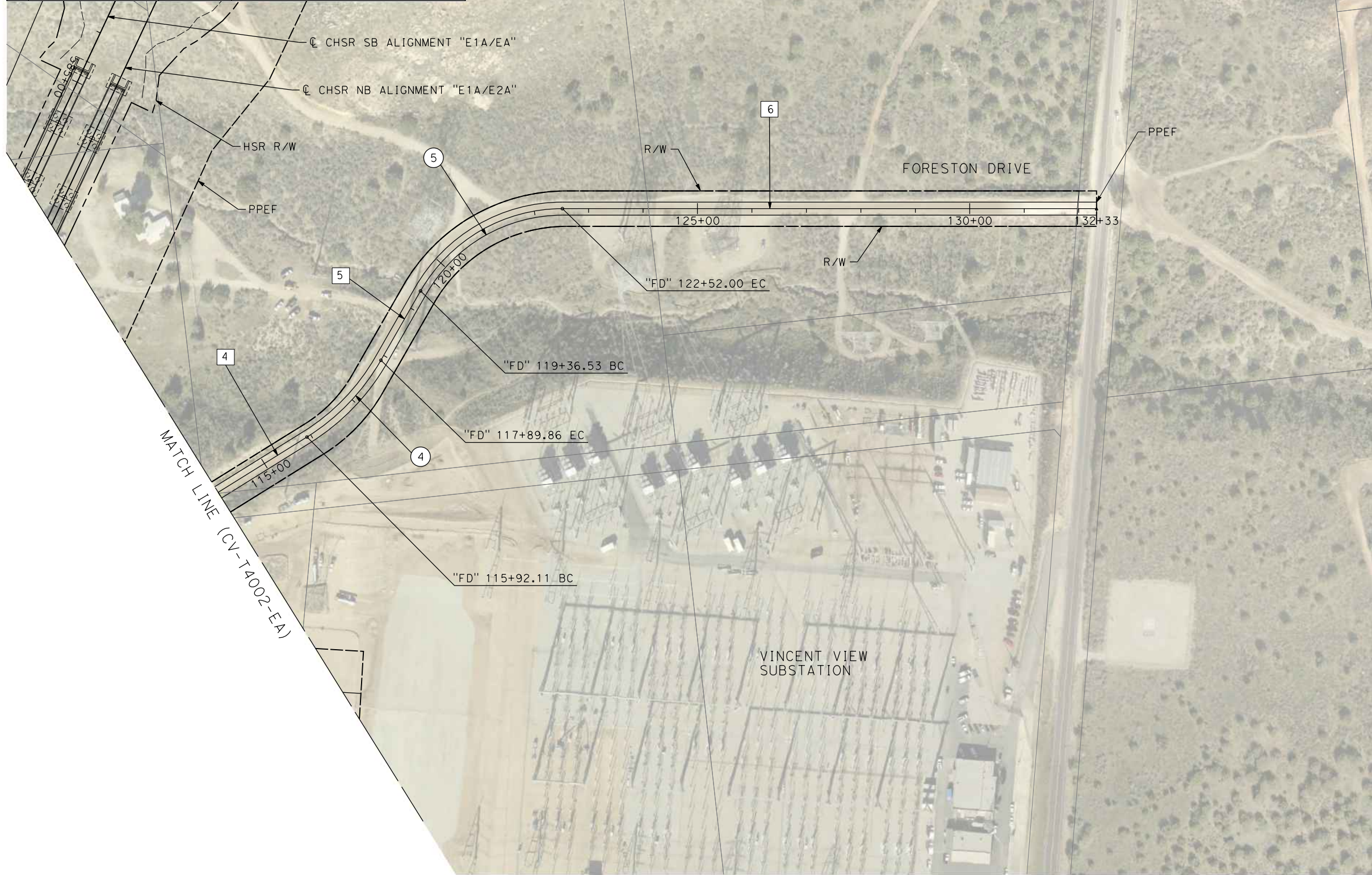
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**

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	$\Delta$	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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04Z0008

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)

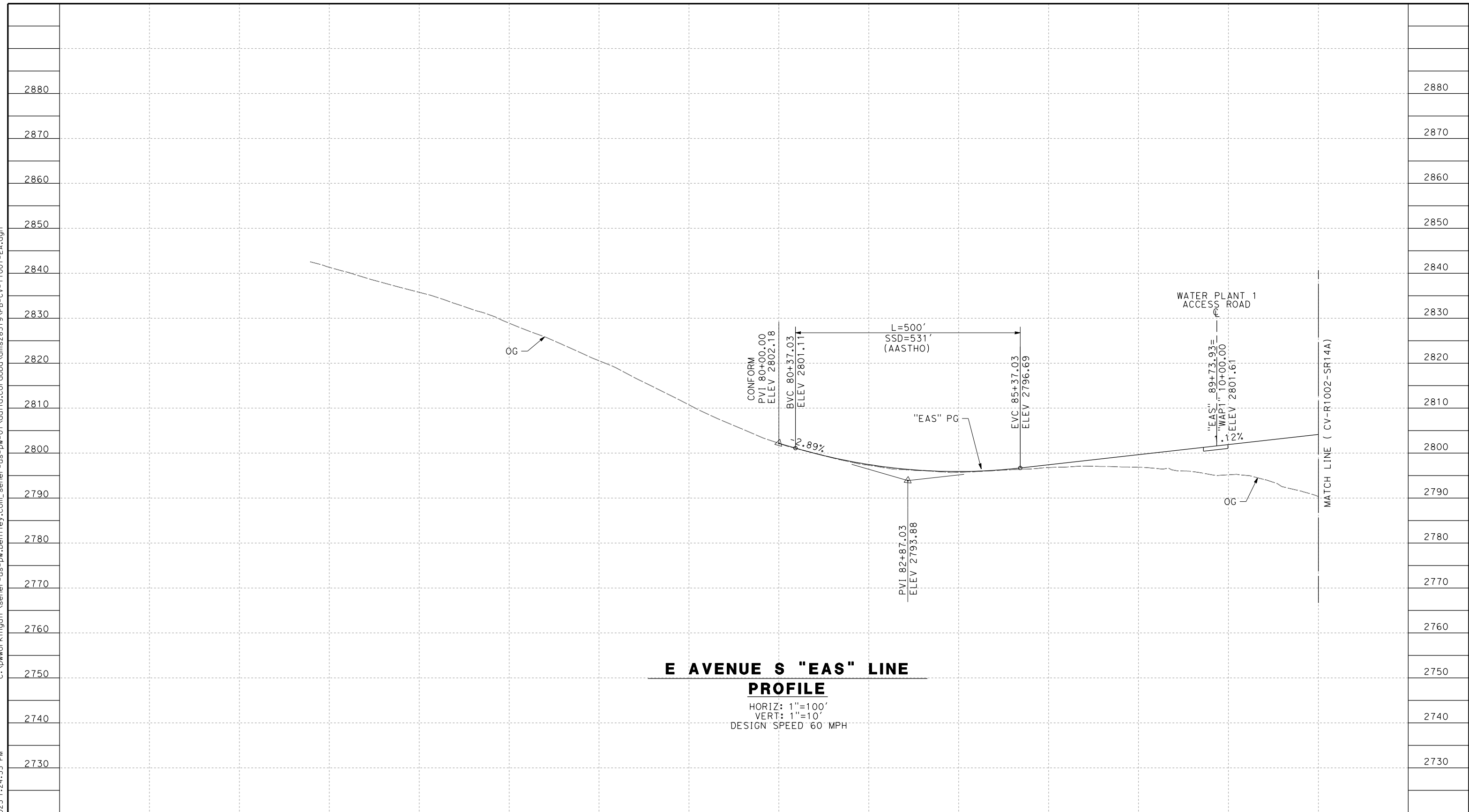
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-T4006-EA  
SCALE  
AS SHOWN  
SHEET NO.



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11/16/2023 1:24:55 PM

04Z0008



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

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

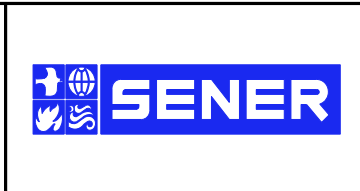
STATION	71+00	72+00	74+00	76+00	78+00	80+00	82+00	84+00	86+00	88+00	TOTAL
CY	Exc										
	Emb										

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**

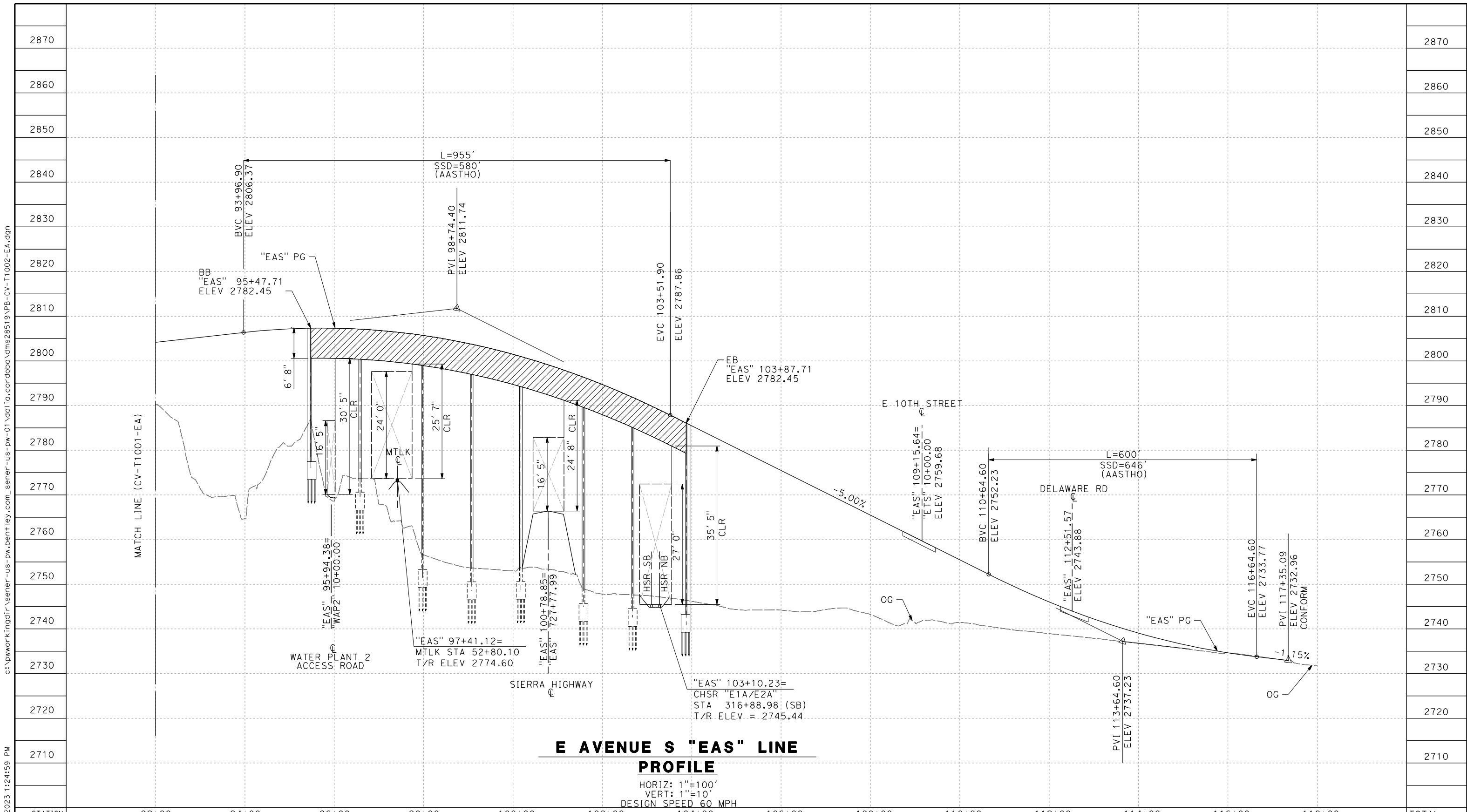
ALIGNMENT "E1A/E2A"  
GRADE SEPARATION PROFILE  
AVENUE S (1/2)

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

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11/16/2023 1:24:59 PM

04Z0008



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
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  
 AVENUE S (2/2)

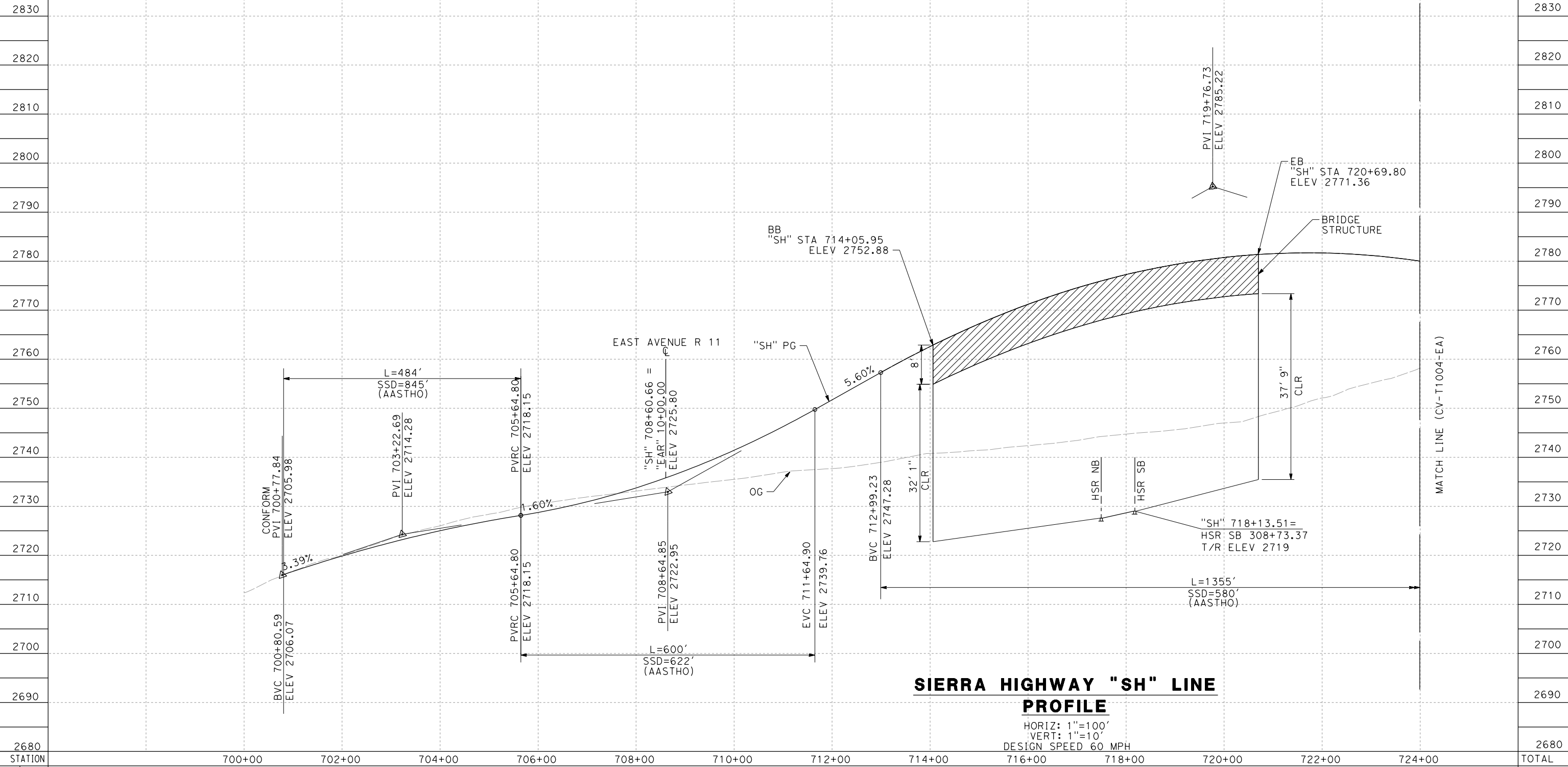
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CV-T1002-EA  
 SCALE  
AS SHOWN  
 SHEET NO.



c:\pwork\kingdir\sener-us-pw.bentley.com\_sener-us-pw-01\data\cordoba\dms28519\FB-CV-T1003-EA.dgn

11/16/2023 1:25:01 PM

04Z0008



**SIERRA HIGHWAY "SH" LINE  
PROFILE**

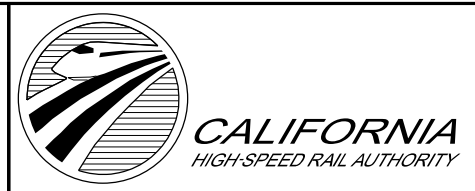
HORIZ: 1"=100'  
VERT: 1"=10'  
DESIGN SPEED 60 MPH

STATION	700+00	702+00	704+00	706+00	708+00	710+00	712+00	714+00	716+00	718+00	720+00	722+00	724+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"  
GRADE SEPARATION PROFILE  
SIERRA HIGHWAY (1/2)

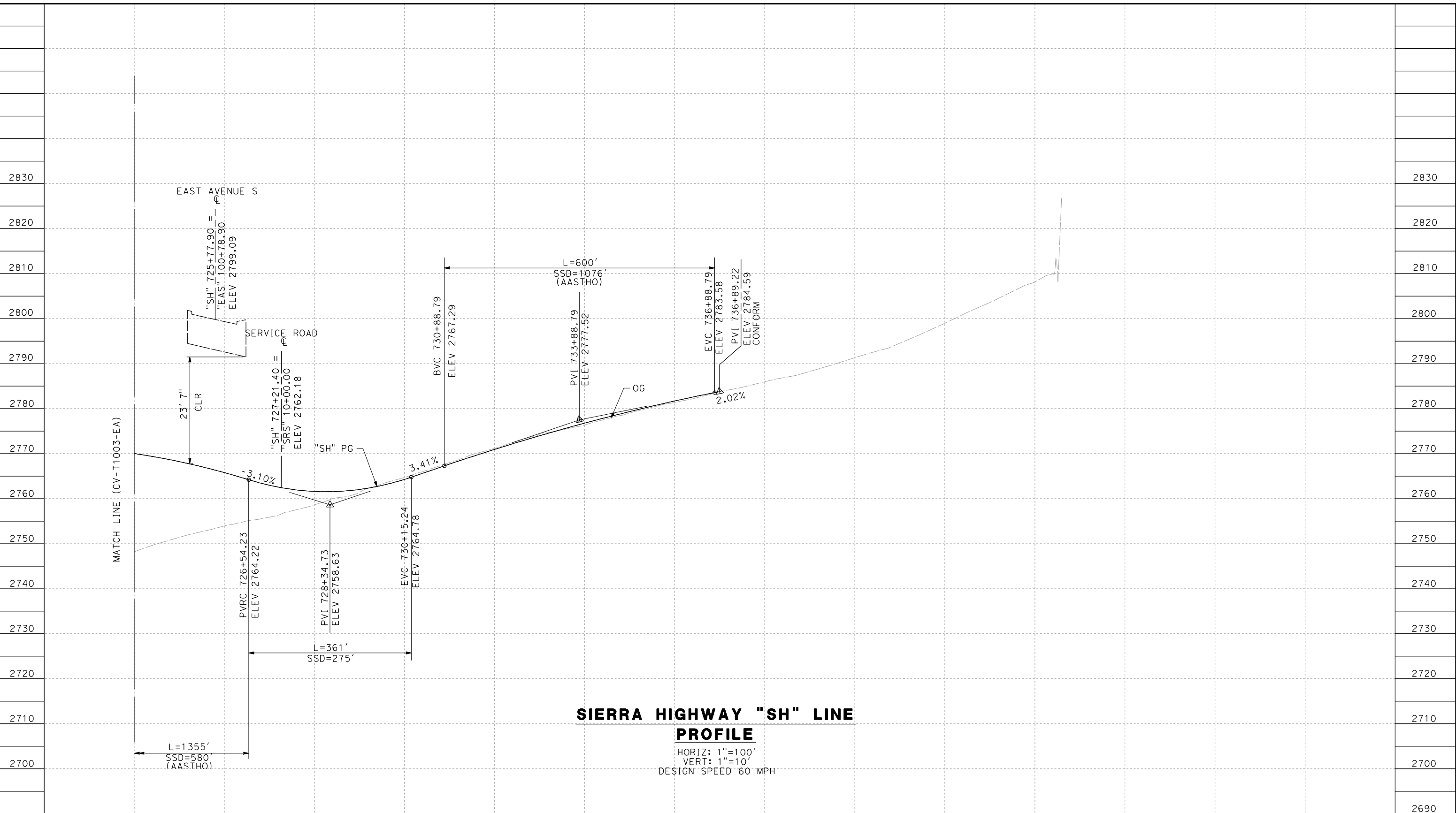
CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-T1003-EA  
SCALE  
AS SHOWN  
SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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11/16/2023 1:25:04 PM

04Z0008



**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
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"  
GRADE SEPARATION PROFILE  
SIERRA HIGHWAY (2/2)

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

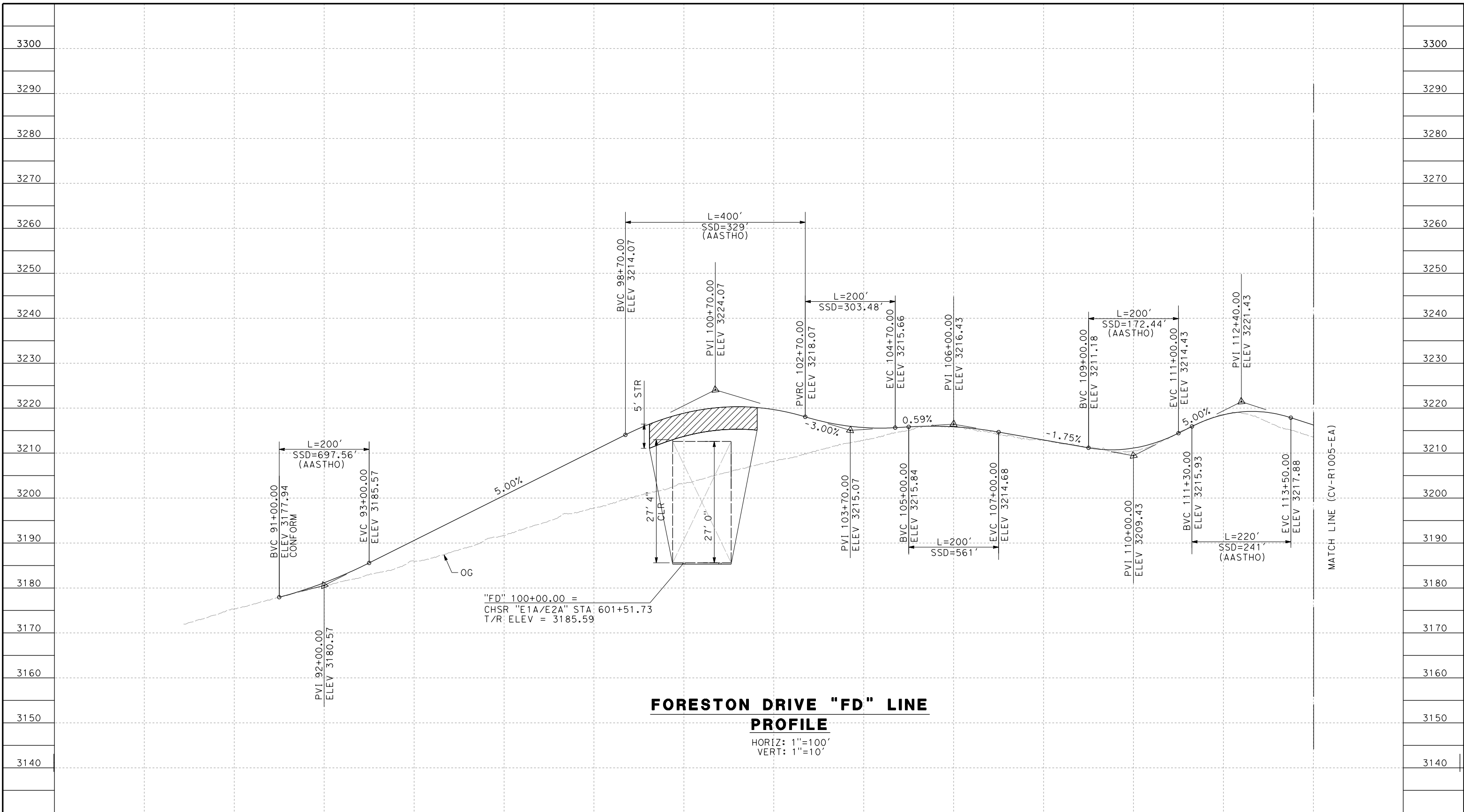
REV	DATE	BY	CHK	APP	DESCRIPTION



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11/16/2023 1:25:07 PM

04Z0008



**FORESTON DRIVE "FD" LINE  
PROFILE**

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

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**



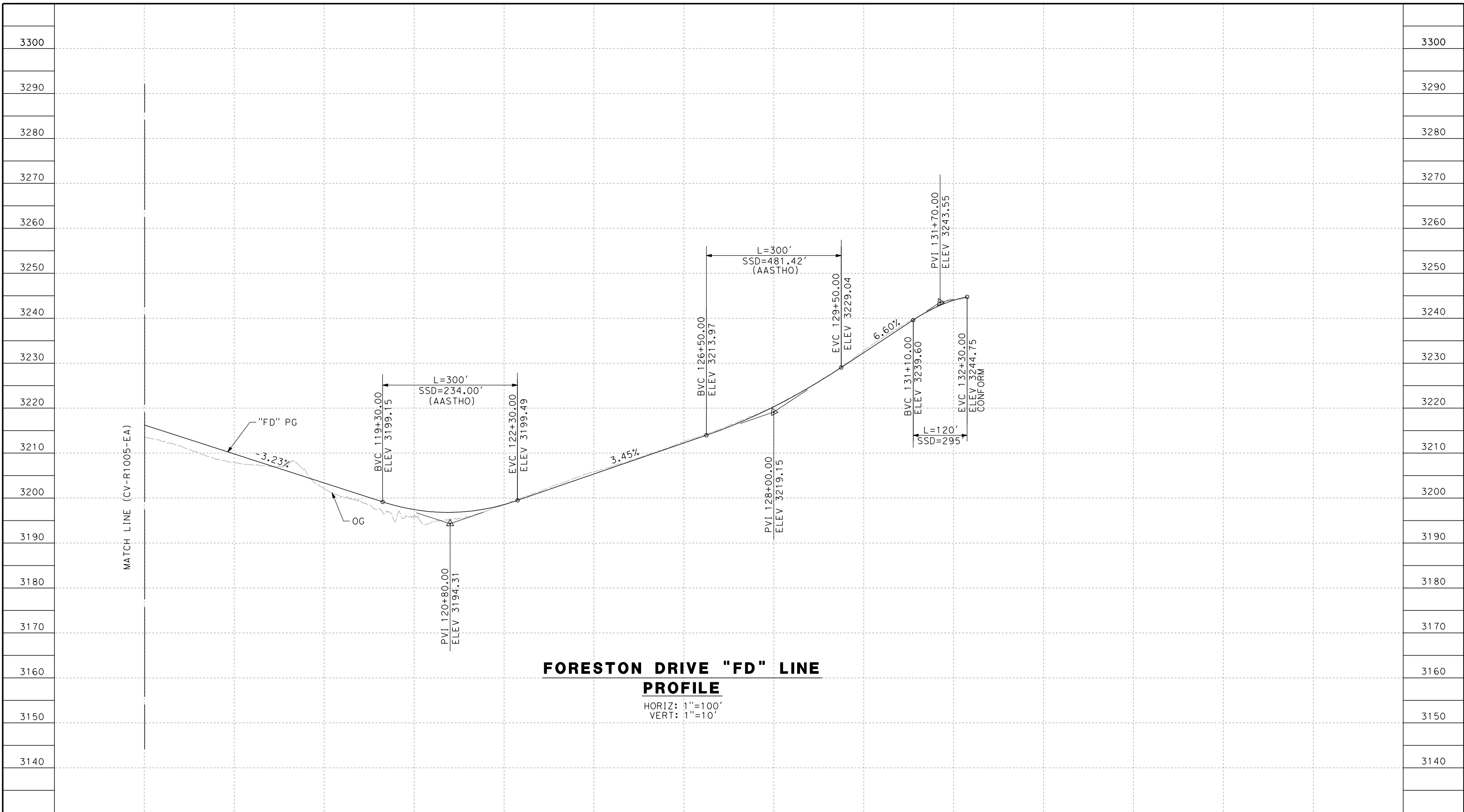
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "E1A/E2A"  
GRADE SEPARATION PROFILE  
FORESTON DRIVE (1/2)

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

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11/16/2023 1:25:09 PM

04Z0008



**FORESTON DRIVE "FD" LINE  
PROFILE**

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

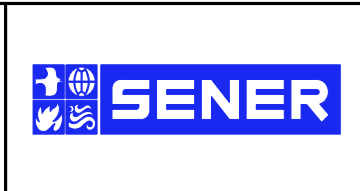
STATION	114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	TOTAL
CY	Exc												
	Emb												

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 (2/2)

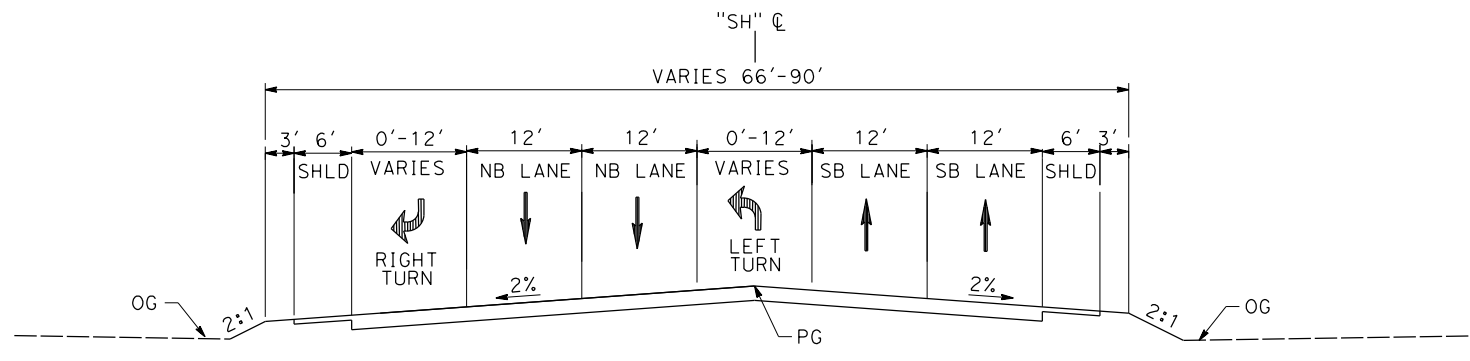
CONTRACT NO. HSR14-42
DRAWING NO. CV-T1006-EA
SCALE AS SHOWN
SHEET NO.



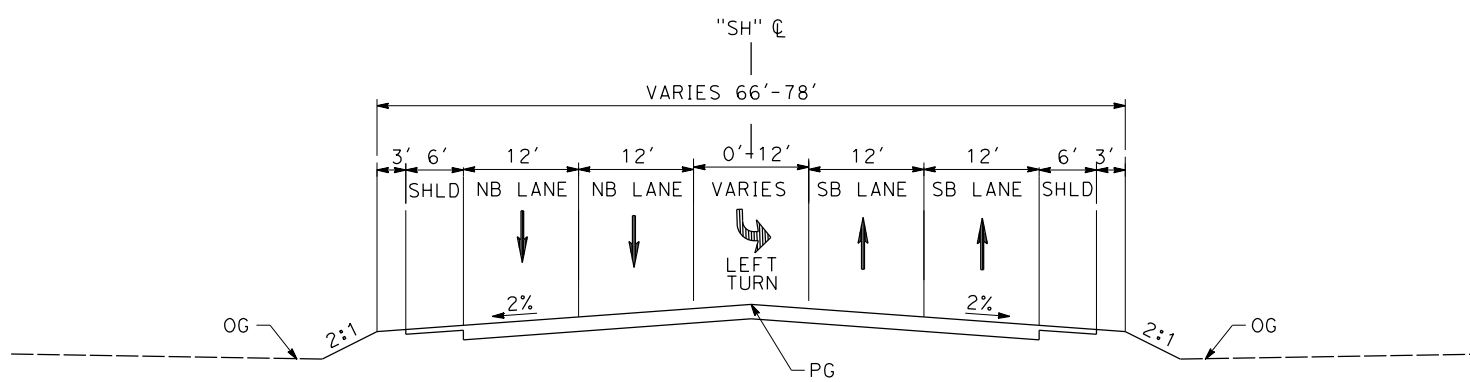
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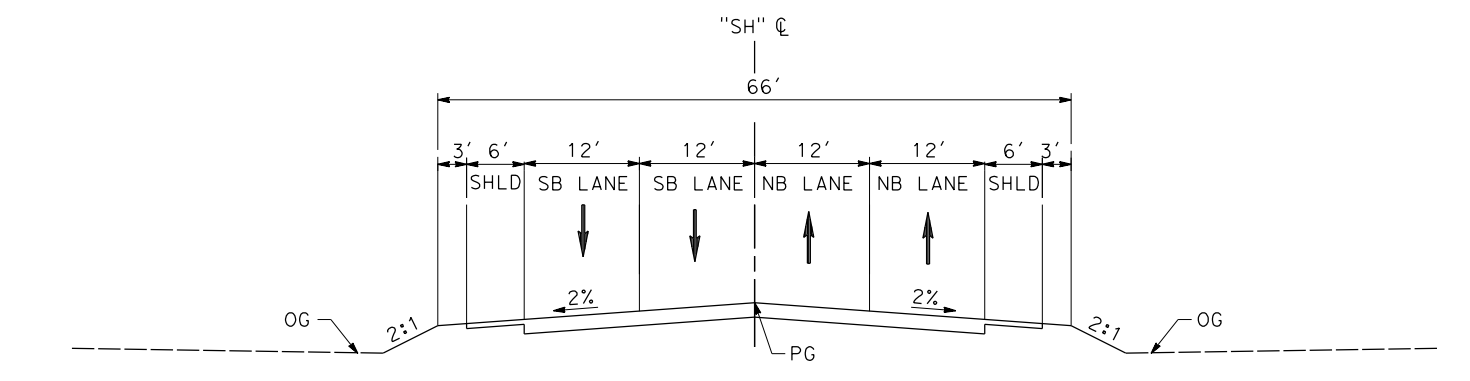
04Z0008



**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 700+77.84 to 714+05.95 (BEG BRIDGE)  
 STA 720+69.80 (END BRIDGE) TO 723+76.85  
 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**

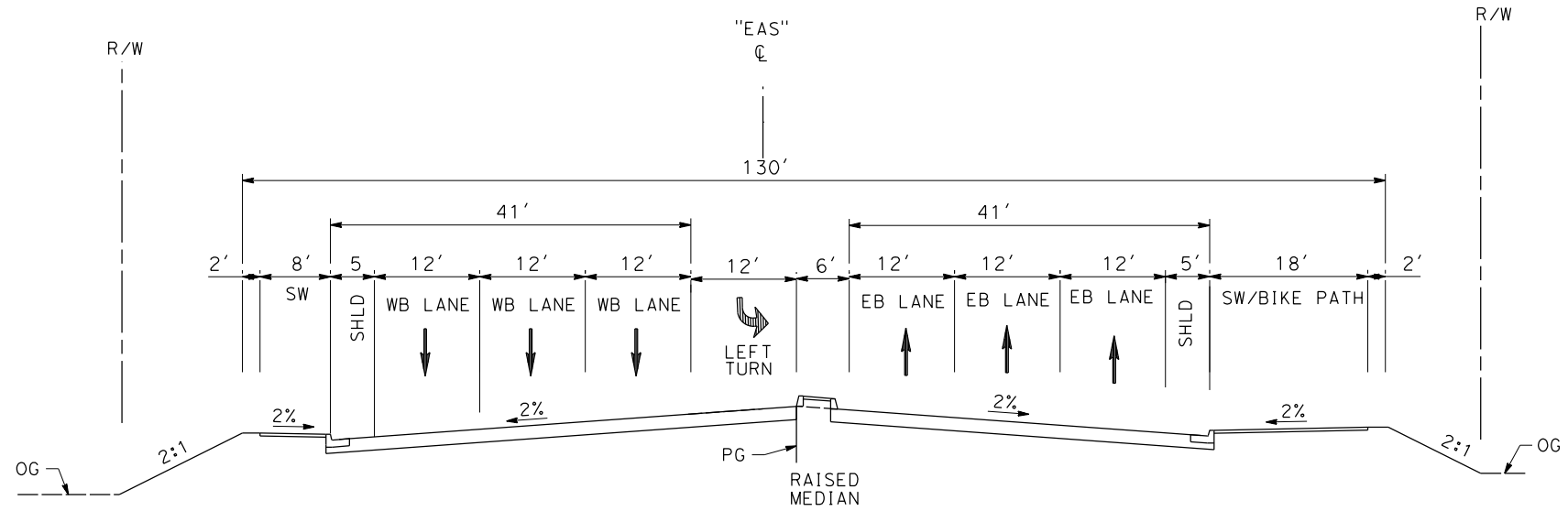
ALIGNMENT "E1A/E2A"  
 ROADWAY TYPICAL SECTIONS  
 SIERRA HIGHWAY

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

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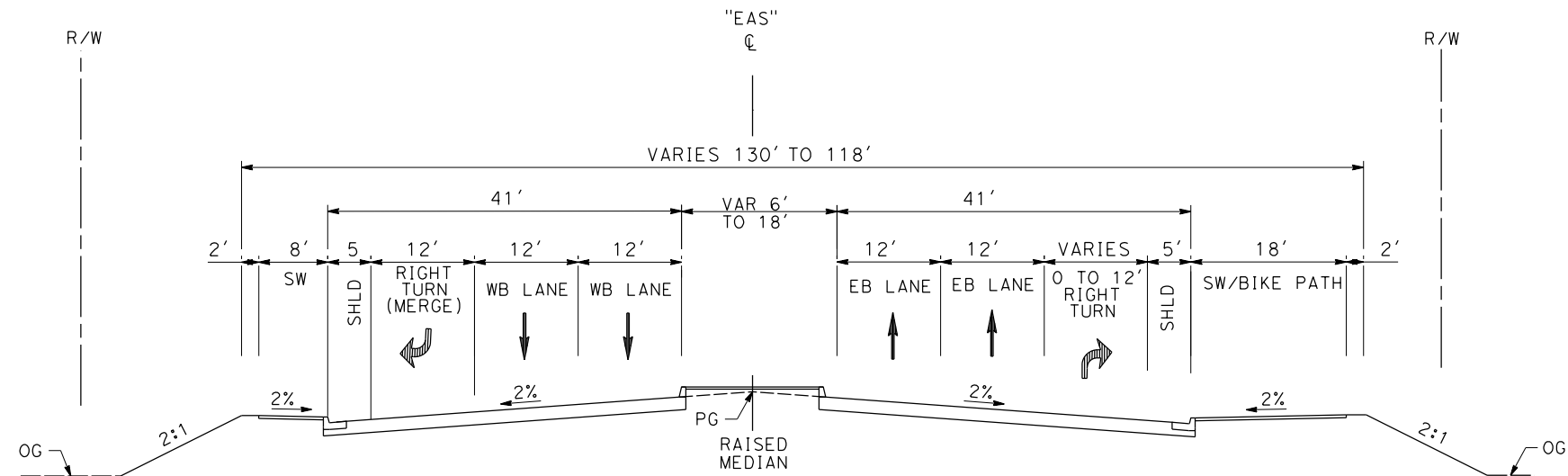
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04Z0008



**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

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
 DRAWN BY  
A.CAMACHO  
 CHECKED BY  
R.RODRIGUEZ  
 IN CHARGE  
A.RELANO  
 DATE  
08/04/2020

**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)

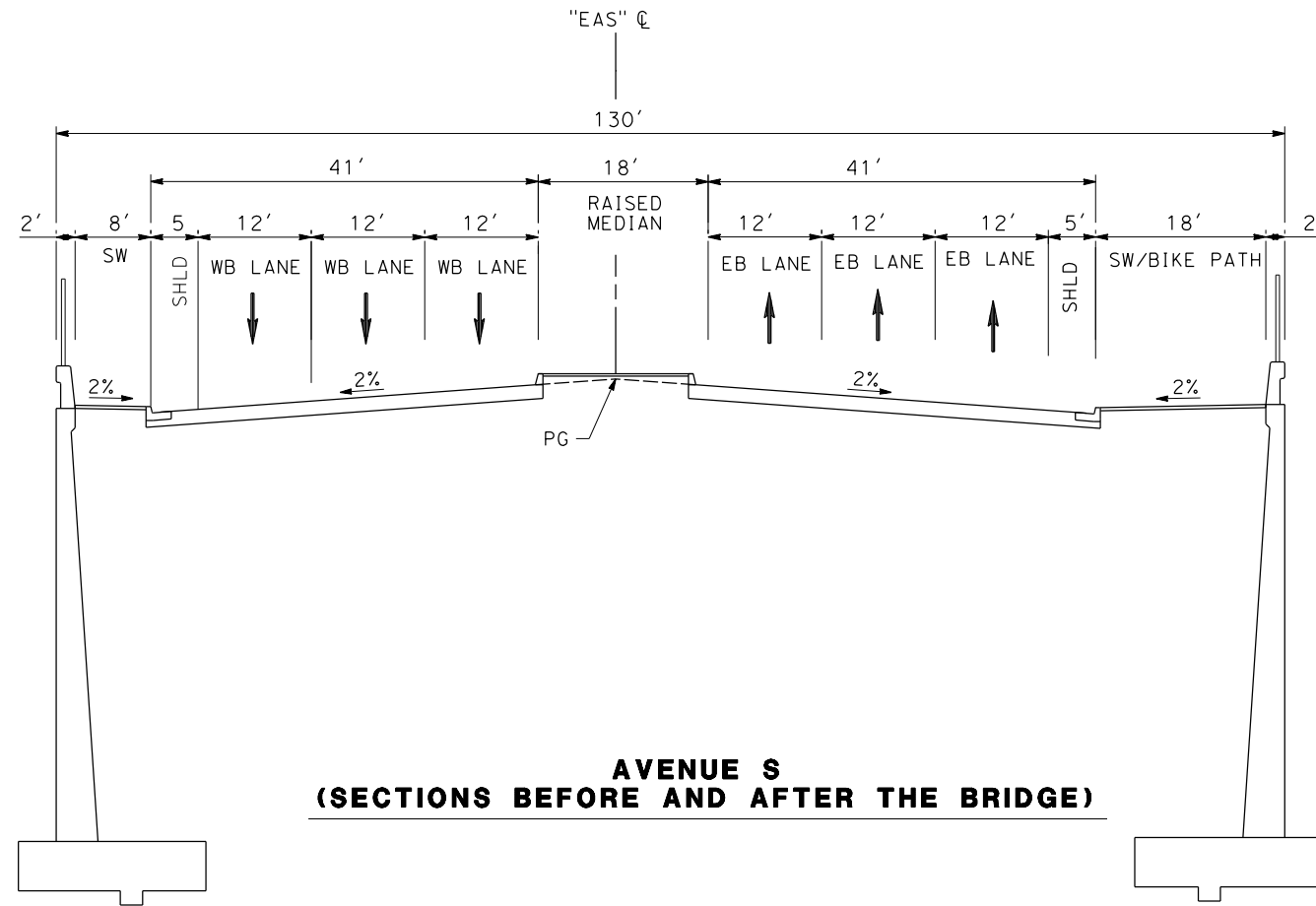
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-T3002-EA  
 SCALE  
NO SCALE  
 SHEET NO.



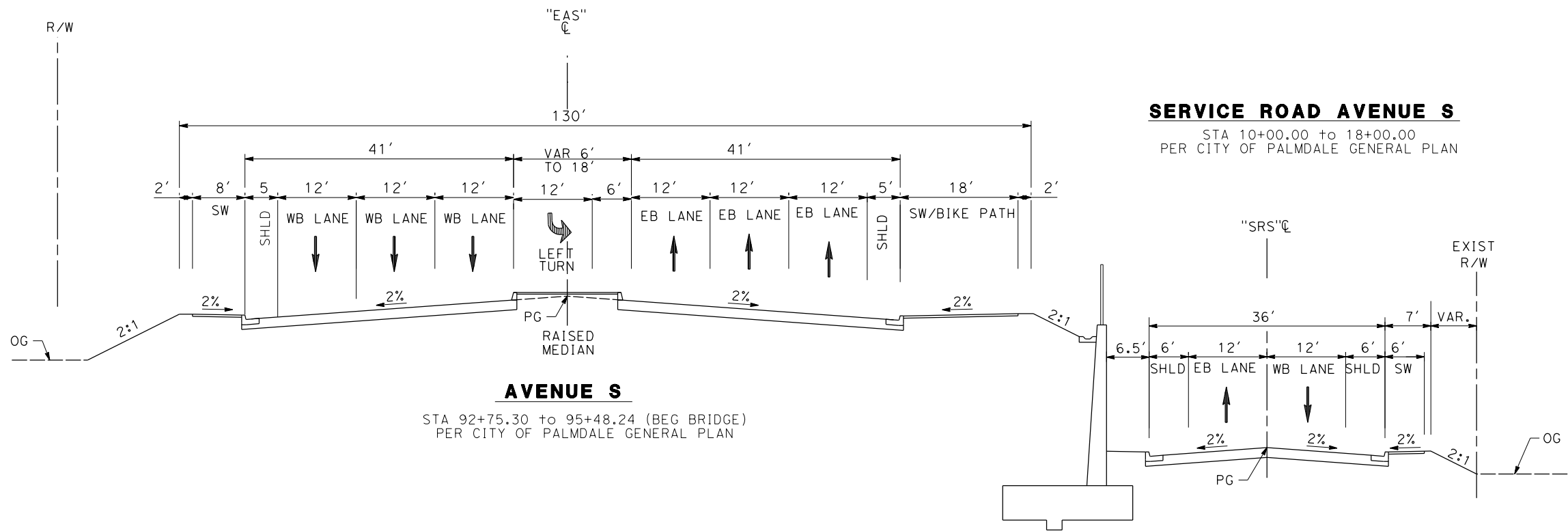
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11/16/2023 1:25:17 PM

04Z0008



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



**SERVICE ROAD AVENUE S**

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

**AVENUE S**

STA 92+75.30 to 95+48.24 (BEG BRIDGE)  
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  
08/04/2020

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



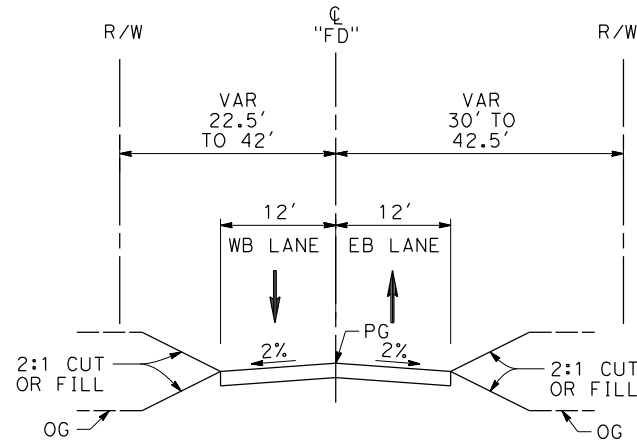
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "E1A/E2A"  
ROADWAY TYPICAL SECTIONS  
AVENUE S (2/2)

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

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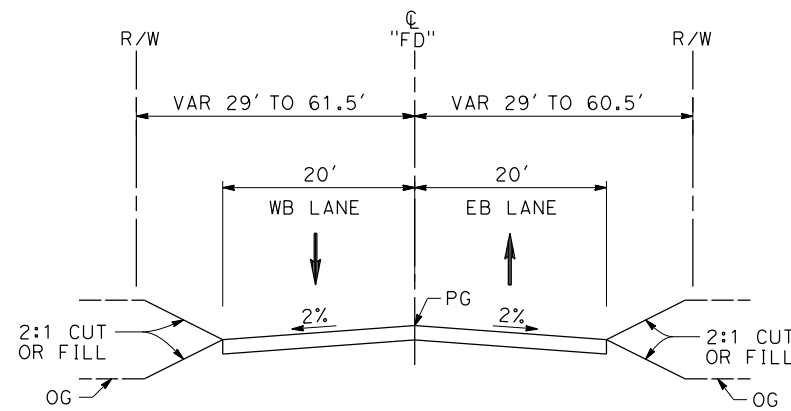
11/16/2023 1:25:19 PM

04Z0008



**FORESTON DRIVE**

STA 105+64 TO STA 132+33  
 LOCAL ROADWAY  
 PER LOS ANGELES COUNTY MUNICIPAL CODE  
 CHAPTER 21 PARTS 2 AND 3



**FORESTON DRIVE**

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

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
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.

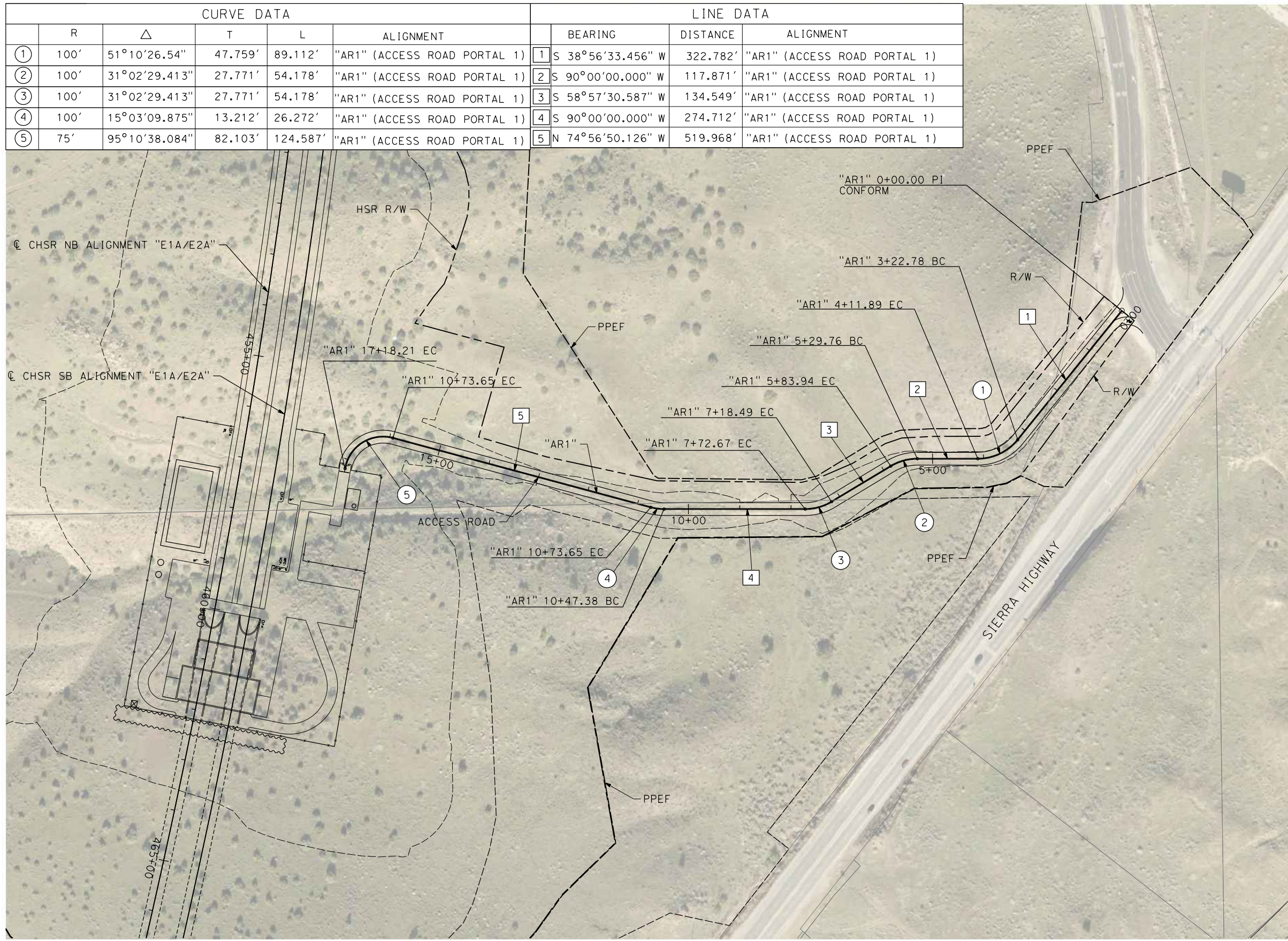


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11/16/2023 1:25:23 PM

04Z0008

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**



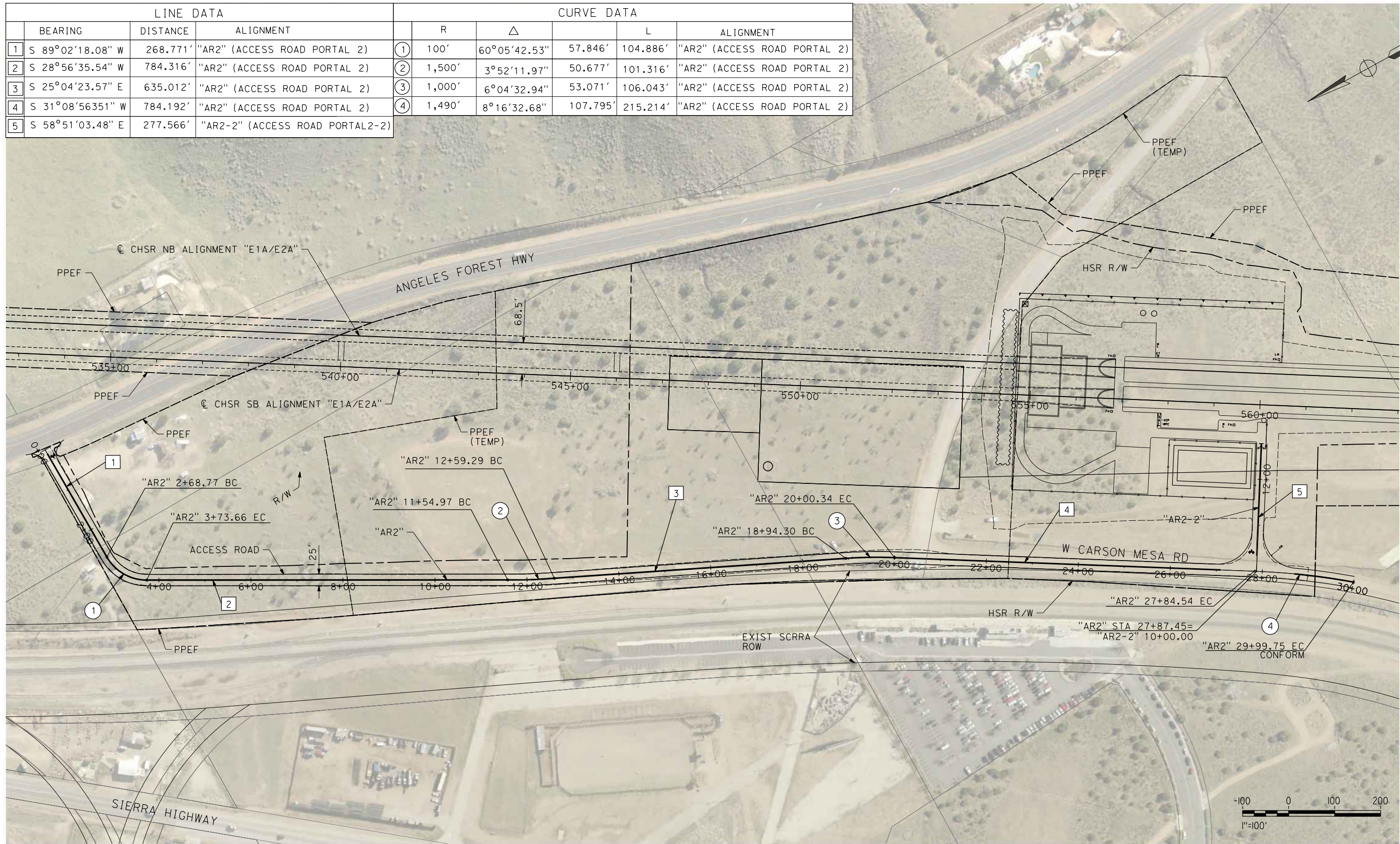
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**

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	$\Delta$	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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04Z0008

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**

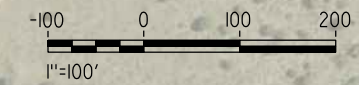
ALIGNMENT "E1A/E2A"  
ACCESS ROAD PLAN  
PORTAL 2

CONTRACT NO.  
HSR14-42

DRAWING NO.  
CV-Y4002-EA

SCALE  
AS SHOWN

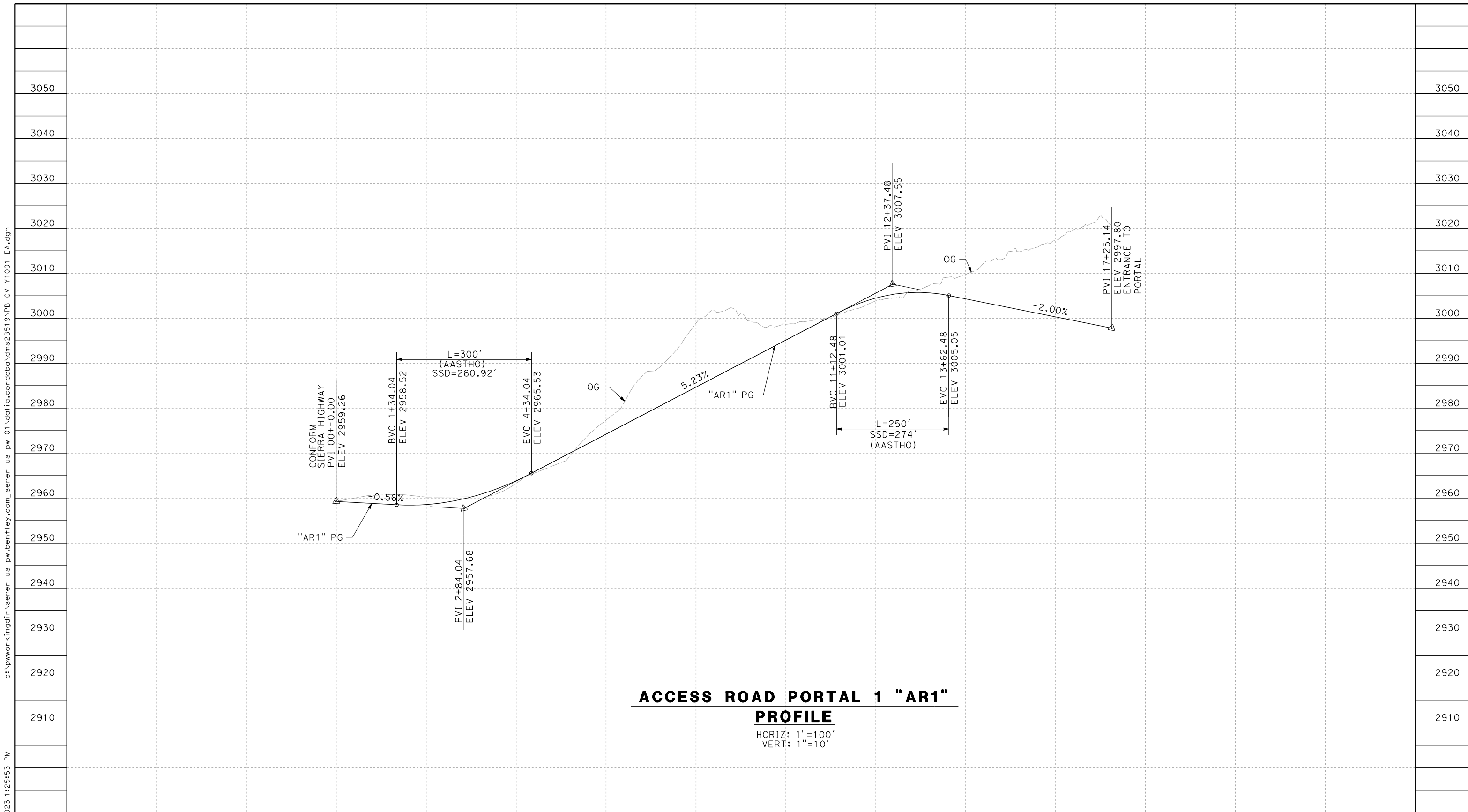
SHEET NO.





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11/16/2023 1:25:53 PM 04Z0008



**ACCESS ROAD PORTAL 1 "AR1"**  
**PROFILE**

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

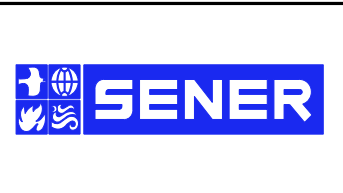
STATION	0+00	2+00	4+00	6+00	8+00	10+00	12+00	14+00	16+00	18+00	20+00	TOTAL
CY	Exc											
	Emb											

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**

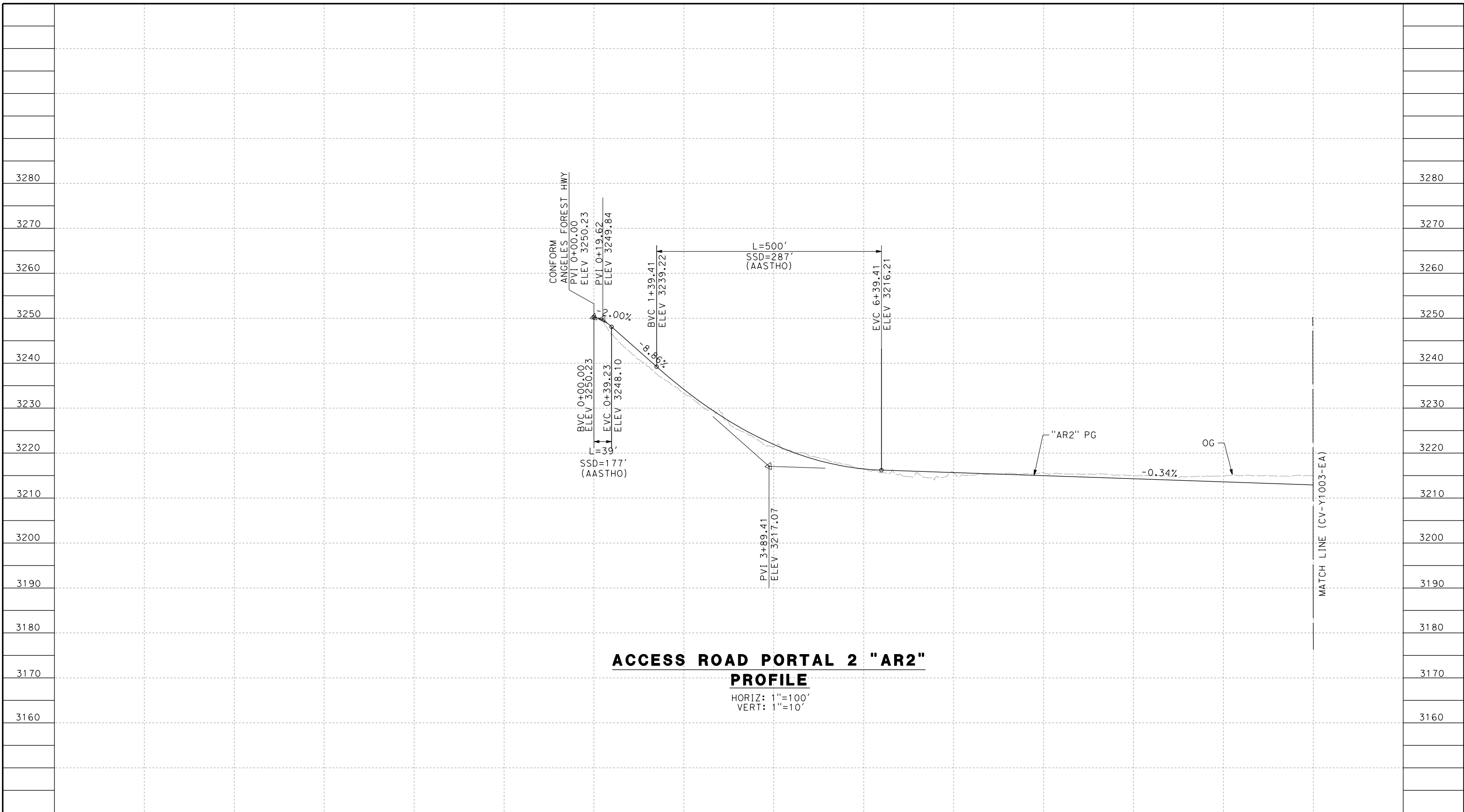
ALIGNMENT "E1A/E2A"  
ACCESS ROAD PROFILE  
PORTAL 1

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

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11/16/2023 1:25:56 PM

04Z0008



**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
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 2 (1/2)

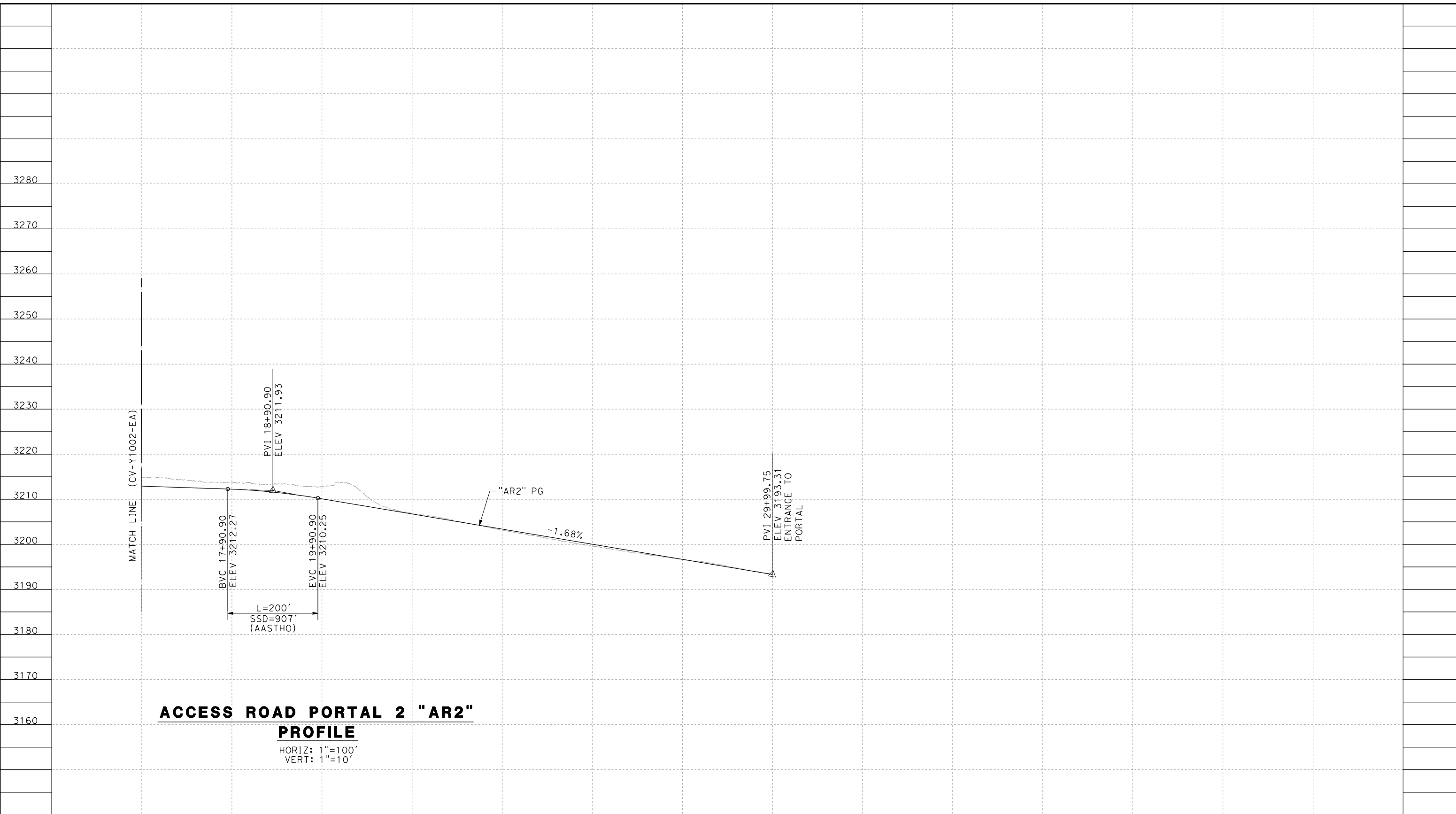
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-Y1002-EA  
 SCALE  
AS SHOWN  
 SHEET NO.



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11/16/2023 1:25:58 PM

04Z0008



**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
CY	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)

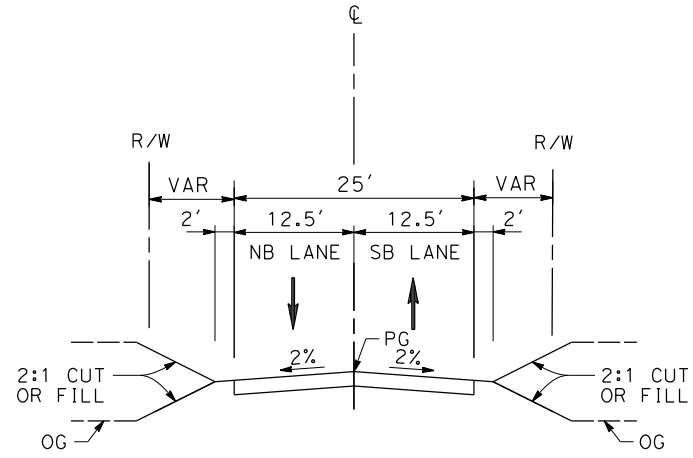
CONTRACT NO.  
HSR14-42  
 DRAWING NO.  
CV-Y1003-EA  
 SCALE  
AS SHOWN  
 SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION

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11/16/2023 1:26:01 PM

04Z0008



**ACCESS ROADS E1A/E2A PORTALS**

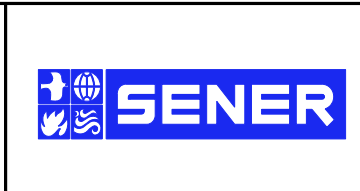
PORTAL 1  
 STA 0+00.00 TO STA 17+25.14 (ACCESS ROAD PORTAL 1)  
 PORTAL 2  
 STA 0+00.00 TO STA 29+99.75 (ACCESS ROAD PORTAL 2)

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.