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

1. THE FOLLOWING ARE ROADWAY DESIGN STANDARD AND GUIDELINES:
   A. CALTRANS HIGHWAY DESIGN MANUAL (2016)
   B. AASHTO ROADSIDE DESIGN GUIDE (2011)
   C. APPLICABLE LOCAL DESIGN STANDARD AND GUIDELINES (I.E., CITY OF PALMDALE)

2. STA 265+00 (SPRUCE CT) IS THE NORTHERN LIMIT OF THE PALMDALE-BURBANK ENVIRONMENTAL DOCUMENT.
   NORTH OF THIS POINT REFERENCE TO MEMBER-PALMDALE ENVIRONMENTAL DOCUMENT.

DESIGN FEATURES BETWEEN STA 265+00.00 AND STA 265+68.00 (SPRUCE CT) SHOWN FOR REFERENCE ONLY.

LEGEND

- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY
- RETAINING WALL
- FILL
- CUT
- NOISE BARRIER (POTENTIAL)
- RR STA XXX+000
- APPROACH SLAB
- (SEE STRUCTURAL PLANS)
- BRIDGE STRUCTURE

NOT FOR CONSTRUCTION

CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A/ET1/EA2"
ROADWAYS AND GRADE SEPARATIONS
ABBREVIATIONS AND LEGEND

SYM SYMMETRICAL
T TANGENT
TAN TANGENT
THR THREE BEAM BARRIER
TC TOP OF CURVE, TANGENT TO CURVE
TCE TEMPORARY CONSTRUCTION ENTRANCE
TEL TELEPHONE
TEN TEMPORARY
TG TOP OF GRADE
TN TECHNICAL MEMORANDUM
TD TOTAL
TP TELEPHONE POLE
TPB TREATED PERMEABLE BASE
TRM TREATED RETAINED MATERIAL
TPSS TRACTION POWER SUPPLY STATION
TRANS TRANSITION, TRANSVERSE
TS TRAFFIC SIGNAL, TUBULAR STEEL, TANGENT TO SPIRAL
TYP TYPICAL
TIR TOP OF RAIL
UC UNDERCROSSING
UD UNDERDRAIN
UON UNLESS OTHERWISE NOTED
UP UNDERPASS
UPRR UNION PACIFIC RAILROAD
USFWS UNITED STATES FISH AND WILDLIFE SERVICE
V VALVE, DESIGN SPEED
VAR VARIABLE
VC VERTICAL CURVE
VERT VERTICAL
VIA VIADUCT
VOL VOLUME
W WIDTH
WB WESTBOUND
WM WEEP HOLE
WS WATER SURFACE
WT WEIGHT
W2 WINDMILL
WBLD WINDMILL LAYOUT LINE
W/ WITH
X SEC CROSS SECTION
XING CROSSING

C V ) W )
Y YEAR
YRS YEARS
360x754 389x736 418x723 430x723 451x704 462x693 480x680 480x669 504x650 525x635 535x611 546x590 567x570 578x550 597x530 618x509 639x490 659x471 679x452 699x434 720x415 740x396 761x377 781x358 802x339 823x320 843x301 864x282 885x263 905x244 925x225 946x206 966x187 987x168 1008x150 1028x130 1048x111 1069x92 1090x73 1110x54 1130x35 1150x16

348x70 353x64 357x21 868x77 912x65 917x54 903x44 1144x76 1128x67 1144x58 1129x49 413x74 868x77 912x65 917x54 903x44 1144x76 1128x67 1144x58 1129x49 413x74

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

CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A/ET1/EA2"
ROADWAYS AND GRADE SEPARATIONS
ABBREVIATIONS AND LEGEND
### Line Data

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<td>2136&quot;</td>
<td>&quot;ETS&quot; (EAST 10TH STREET)</td>
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<td>&quot;EAR&quot; (E AVENUE R11)</td>
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<tr>
<td>N 90°00'00.00&quot; E</td>
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### Curve Data

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

Designed by D. Cordoba
Drawn by A. Camacho
Checked by R. Rodriguez
In Charge: A. R兰o
Date: 02/26/2021
EAST 10TH STREET "ETS" LINE
PROFILE

VERT 1:1.H1
DESIGN SPEED: 50 MPH

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

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

DRAWN BY: A. CAMACHO
CHECKED BY: R. RODRIGUEZ
IN CHARGE: A. RELANO
DATE: 02/26/2021
E AVENUE R11 "EAR" LINE PROFILE

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

SCALE AS SHOWN

CONTRACT NO. HSR14-42
DRAWING NO. CV-R1002-14A

DESIGNED BY D. CORDOBA
DRAWN BY A. CAMACHO
CHECKED BY R. RODRIGUEZ
IN CHARGE A. RELANO
DATE 02/26/2021
EAST 10TH ST

STA 10+76.15 TO STA 10+88.66
SECONDARY ARTERIAL
PER CITY OF PALMDALE GENERAL PLAN

EAST 10TH ST

STA 10+68.66 TO STA 10+71.37
SECONDARY ARTERIAL
PER CITY OF PALMDALE GENERAL PLAN
EAST 10TH ST
STA 22+11.37 TO STA 24+22.42
SECONDARY ARTERIAL
PER CITY OF PALMDALE GENERAL PLAN

EAST 10TH ST
STA 24+22.42 TO STA 27+49.32
SECONDARY ARTERIAL
PER CITY OF PALMDALE GENERAL PLAN

EAST 10TH ST
STA 27+49.32 TO STA 32+46.63
SECONDARY ARTERIAL
PER CITY OF PALMDALE GENERAL PLAN

E AVENUE R11
STA 10+00 TO STA 18+49.15
LOCAL INTEGRITY STREET
PER CITY OF PALMDALE GENERAL PLAN
WATER TREATMENT PLANT ACCESS ROAD 2
STA 10+00 TO STA 12+66.74

DELWARE RD
STA 10+00 TO STA 11+66.71

WATER TREATMENT PLANT ACCESS ROAD 1
STA 10+00 TO STA 11+66.71

VALLEY FORGE RD
11+39.62 TO 15+33.61
LINE DATA

BEARING DISTANCE ALIGNMENT

5 84°25'53.00" E 565.65' "EAS" (AVENUE S REALIGNED)

6 89°56'20.66" E 239.96' "EAS" (AVENUE S REALIGNED)

CURVE DATA

ALIGNMENT

R \( \Delta \) T L

\( \frac{\text{TH}}{\text{TH}} \) 7,010' 11°28'46.07" 686.01' 1,363.70' "EAS" (AVENUE S REALIGNED)

\( \frac{\text{TH}}{\text{TH}} \) 4,500' 5°34'46.34" 221.25 249.14' "EAS" (AVENUE S REALIGNED)

... (more table entries)
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<td></td>
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<td>1,383.70'</td>
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<td>&quot;SH&quot; (SIERRA HIGHWAY)</td>
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<td>S 3°19'23.54&quot; E</td>
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### Line Data

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<tr>
<td>S 2°19'23.54&quot; E</td>
<td>3275.38'</td>
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**Notes:**
- "SH" (SIERRA HIGHWAY)
- Scale as shown
LINE DATA

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<tr>
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<td>2494.63'</td>
<td>'SH' (SIERRA HIGHWAY)</td>
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AVENUE S
STA 89+00.00 to 89+21.08
STA 103+77.01 to 104+18.86
PER CITY OF PALMDALE GENERAL PLAN

AVENUE S
STA 90+21.08 to 92+15.30
STA 103+77.01 to 104+18.86
PER CITY OF PALMDALE GENERAL PLAN
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 R2+76.30 to R5+48.24 (BEQ BRIDGE)
PER CITY OF PALMDALE GENERAL PLAN
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<td>103.56&quot;</td>
<td>&quot;ARRW&quot; (ACCESS ROAD TO IWA)</td>
<td>5 86°25'38.95&quot; W</td>
<td>1891.97'</td>
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**CURVE DATA**

**LINE DATA**

**SCALE**

**AS SHOWN**

**SHEET NO.**

**DESIGNED BY**

**DRAWN BY**

**CHECKED BY**

**IN CHARGE**

**DATE**

**NOT FOR CONSTRUCTION**

**CALIFORNIA HIGH-SPEED RAIL PROJECT**

**PALMDALE TO BURBANK**

**ALIGNMENT "SR14A"**

**ACCESS ROAD PLAN**

**INTERMEDIATE WINDOW**

**CONTRACT NO.**

**DRAWING NO.**

**02/26/2021**

**CV-Y4002-14A**
**Curve Data**

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"ARP2" (Access Road Portal 2)

**Line Data**

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<td>N 61° 00' 02.10&quot; E</td>
<td>765.65&quot;</td>
<td>&quot;ARP2&quot; (Access Road Portal 2)</td>
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</table>

**Notes:**
- Designed by F. DeJesus
- Drawn by D. Cordoba
- Checked by R. Rodriguez
- In Charge: A. Relano
- Date: 02/26/2021

**Scale:** As Shown

**Sheet No.:** 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
### Curve Data

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<td>28°08'21.63&quot;</td>
<td>50.06’</td>
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<td>2</td>
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<td>&quot;ARP2&quot; (ACCESS ROAD PORTAL 2)</td>
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<td>3</td>
<td>200’</td>
<td>58°01'17.19&quot;</td>
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<td>4</td>
<td>200’</td>
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<td>195.99’</td>
<td>&quot;ARP2&quot; (ACCESS ROAD PORTAL 2)</td>
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<td>63.75’</td>
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<td>7</td>
<td>200’</td>
<td>50°48'23.89&quot;</td>
<td>94.98’</td>
<td>&quot;ARP2&quot; (ACCESS ROAD PORTAL 2)</td>
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<tr>
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<td>44°26'07.02&quot;</td>
<td>81.70’</td>
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<tr>
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<td>200’</td>
<td>46°35'36.61&quot;</td>
<td>86.12’</td>
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<td>11</td>
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<td>202.23’</td>
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<td>12</td>
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<td>111°21'32.06”</td>
<td>53.55’</td>
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### Line Data

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<td>S 76°11'52.52’ E 72.68’</td>
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<td>N 61°03'17.83” E 17.17’</td>
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<td>N 56°1'41.88’ E 99.09’</td>
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<td>S 63°29'13.85’ E 86.92’</td>
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<td>N 85°26'02.74’ E 59.39’</td>
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<td>N 21°25'08.29” W 261.73’</td>
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<td>N 61°02'02.70’ E 765.69’</td>
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### CURVE DATA

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<td>S 49°59'36.36&quot; E</td>
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<td>&quot;ARP4&quot; (ACCESS ROAD PORTAL 4)</td>
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<td>186.79°</td>
<td>&quot;ARP8&quot; (Access Road Portal 9)</td>
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### Line Data

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<tr>
<td>S 36° 27' 59.78&quot; E</td>
<td>593.64'</td>
<td>&quot;ARP8&quot; (Access Road Portal 9)</td>
</tr>
<tr>
<td>S 89° 58' 49.03&quot; E</td>
<td>168.13'</td>
<td>&quot;ARP8&quot; (Access Road Portal 9)</td>
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ACCESS ROAD PORTAL 1 "ARP1"

PROFILE

ACCESS ROAD PORTAL 1-1 "ARP1-1"

PROFILE

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

DESIGNED BY
F.DRJESUS

DRAWN BY
A.CAMACHO

CHECKED BY
R.RODRIGURZ

IN CHARGE
A.RRLANO

DATE
02/26/2021
ACCESS ROAD PORTAL 4 "ARP4"
PROFILE

CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
ACCESS ROAD PROFILE
PORTAL 4 (1/3)
ACCESS ROAD PORTAL 4 "ARP4"

PROFILE

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

STATION  EXC  END

CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "SR14A"
ACCESS ROAD PROFILE
PORTAL (2/3)
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 0+00.00 TO STA 55+84.74

PORTAL 9
STA 0+00.00 TO STA 23+25.10

STA 0+00.00 TO STA 11+37.50
LINE DATA

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<tr>
<td>N 0° 48' 18.74&quot; W</td>
<td>2136&quot;</td>
<td>&quot;ETS&quot; (EAST TENTH STREET)</td>
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<td>N 86° 05' 55.86&quot; E</td>
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<td>N 90° 00' 00.00&quot; E</td>
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<td>&quot;EAR&quot; (E AVENUE R11)</td>
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CURVE DATA

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<td>6° 33' 33.95&quot;</td>
<td>57.30'</td>
<td>&quot;ETS&quot; (EAST TENTH STREET)</td>
</tr>
<tr>
<td>1.000</td>
<td>3° 54' 24.16&quot;</td>
<td>34.11'</td>
<td>&quot;EAR&quot; (E AVENUE R11)</td>
</tr>
<tr>
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<td>AS SHOWN</td>
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**

**PALMDALE TO BURBANK**

ALIGNMENT "E1A/E2A"
ROADWAY PLAN
EAST 10TH STREET & E AVENUE R11
LINE DATA

<table>
<thead>
<tr>
<th>BEARING</th>
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<th>ALIGNMENT</th>
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<tbody>
<tr>
<td>S 89°41'09.92&quot; W</td>
<td>7.430'</td>
<td>&quot;SRS&quot; (SERVICE RD AVENUE S)</td>
</tr>
<tr>
<td>N 88°05'19.65&quot; W</td>
<td>116.77'</td>
<td>&quot;SRS&quot; (SERVICE RD AVENUE S)</td>
</tr>
<tr>
<td>S 88°34'11.31&quot; W</td>
<td>229.31'</td>
<td>&quot;SRS&quot; (SERVICE RD AVENUE S)</td>
</tr>
<tr>
<td>N 88°34'29.59&quot; E</td>
<td>76.075'</td>
<td>&quot;WTPl&quot; (WATER TREAT PLANT 1)</td>
</tr>
<tr>
<td>N 53°42'02&quot; W</td>
<td>268.24'</td>
<td>&quot;WTPl&quot; (WATER TREAT PLANT 1)</td>
</tr>
<tr>
<td>S 34°06.99&quot; W</td>
<td>57.60'</td>
<td>&quot;DWR&quot; (DELAWARE ROAD)</td>
</tr>
<tr>
<td>S 0°0'0&quot; E</td>
<td>24.70'</td>
<td>&quot;DWR&quot; (DELAWARE ROAD)</td>
</tr>
<tr>
<td>S 21°17'18.06&quot; E</td>
<td>321.32'</td>
<td>&quot;VF&quot; (VALLEY FORGE RD)</td>
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CURVE DATA

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<tr>
<td>4,260'</td>
<td>2°13'30.43&quot;</td>
<td>82.73'</td>
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<td>3,206'</td>
<td>3°20'29.05&quot;</td>
<td>698.17'</td>
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<td>150'</td>
<td>2°38'18.47&quot;</td>
<td>29.80'</td>
<td>&quot;WTPl&quot; (WATER TREAT PLANT 1)</td>
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<tr>
<td>300'</td>
<td>3°34'06.99&quot;</td>
<td>14.60'</td>
<td>&quot;DWR&quot; (DELAWARE ROAD)</td>
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<tr>
<td>25'</td>
<td>8°23'23.18&quot;</td>
<td>21.88'</td>
<td>&quot;VF&quot; (VALLEY FORGE RD)</td>
</tr>
<tr>
<td>25'</td>
<td>9°32'07.67&quot;</td>
<td>26.09'</td>
<td>&quot;VF&quot; (VALLEY FORGE RD)</td>
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</table>
EAST 10TH ST
STA 12+68.66 TO STA 12+71.37
SECONDARY ARTERIAL
PER CITY OF PALMDALE GENERAL PLAN

EAST 10TH ST
STA 10+78.75 TO STA 12+68.66
SECONDARY ARTERIAL
PER CITY OF PALMDALE GENERAL PLAN
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1A/E2A"
ROADWAY TYPICAL SECTIONS
EAST 10TH ST
STA 0+00 TO STA 24+22.42
SECONDARY ARTERIAL
PER CITY OF PALMDALE GENERAL PLAN

EAST 10TH ST
STA 24+22.42 TO STA 24+93.32
SECONDARY ARTERIAL
PER CITY OF PALMDALE GENERAL PLAN

EAST 10TH ST
STA 24+93.32 TO STA 32+45.63
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

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

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<tr>
<th>BEARING</th>
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<th>ALIGNMENT</th>
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<tr>
<td>S 89°59'59.27&quot; E</td>
<td>203.33</td>
<td>&quot;EAS&quot; (REALIGN. AVNUR S)</td>
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<tr>
<td>N 84°29'30.93&quot; E</td>
<td>503.18</td>
<td>&quot;EAS&quot; (REALIGN. AVNUR S)</td>
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**CURVE DATA**

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<tbody>
<tr>
<td>7,000'</td>
<td>5°34'39.81&quot;</td>
<td>340.99</td>
<td>681.45'</td>
<td>&quot;EAS&quot; (REALIGN. AVNUR S)</td>
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<td>7,010'</td>
<td>11°08'46.07&quot;</td>
<td>684.01'</td>
<td>1,263.70'</td>
<td>&quot;EAS&quot; (REALIGN. AVNUR S)</td>
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**MATCH LINE**

- "E14-E24" GRADE SEPARATION PLAN
- "AVNUR S (1/2)"

**DESIGNED BY**
- D. CORDOBA

**DRAWN BY**
- A. CAMACHO

**CHECKED BY**
- R. RODRIGUEZ

**IN CHARGE**
- A. RELOZ

**DATE**
- 02/26/2021
**Line Data**

<table>
<thead>
<tr>
<th>Bearing</th>
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<th>Alignment</th>
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</thead>
<tbody>
<tr>
<td>S 64°25'53.00&quot; E</td>
<td>565.65'</td>
<td>EAS (AVENUE S)</td>
</tr>
<tr>
<td>N 89°56'20.66&quot; E</td>
<td>239.96'</td>
<td>EAS (AVENUE S)</td>
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**Curve Data**

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<tbody>
<tr>
<td>7,010'</td>
<td>11°08'46.07&quot;</td>
<td>684.01'</td>
<td>1,363.70'</td>
<td>EAS (AVENUE S)</td>
</tr>
<tr>
<td>4,500'</td>
<td>5°34'46.34&quot;</td>
<td>201.25</td>
<td>440.14'</td>
<td>EAS (AVENUE S)</td>
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LINE DATA

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<tbody>
<tr>
<td>1/4 S 2°19'23.54&quot; E</td>
<td>2494.83'</td>
<td>&quot;SH&quot; (SIERRA HIGHWAY)</td>
</tr>
</tbody>
</table>

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

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

S/P/01 E-42
PROJECT NO.
CV-T4004-EA
SCALE AS SHOWN
NOT FOR CONSTRUCTION
PEPD RECORD SET
ADDENDUM SR14A/E1A/E2A
### LINE DATA

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<tbody>
<tr>
<td>N 90°00'00.00&quot; E</td>
<td>1356.168</td>
<td>&quot;FD&quot; (FORESTON DRIVE)</td>
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<tr>
<td>N 21°58'54.94&quot; E</td>
<td>368.53</td>
<td>&quot;FD&quot; (FORESTON DRIVE)</td>
</tr>
<tr>
<td>N 30°00'00.00&quot; E</td>
<td>95.546</td>
<td>&quot;FD&quot; (FORESTON DRIVE)</td>
</tr>
<tr>
<td>N 64°20'14.18&quot; E</td>
<td>303.493</td>
<td>&quot;FD&quot; (FORESTON DRIVE)</td>
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### CURVE DATA

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<th>ALIGNMENT</th>
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<tr>
<td>275°</td>
<td>68°01'05.06&quot;</td>
<td>185.553</td>
<td>&quot;FD&quot; (FORESTON DRIVE)</td>
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<tr>
<td>120°</td>
<td>68°01'05.06&quot;</td>
<td>80.37</td>
<td>&quot;FD&quot; (FORESTON DRIVE)</td>
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<tr>
<td>250°</td>
<td>25°39'45.81&quot;</td>
<td>96.943</td>
<td>&quot;FD&quot; (FORESTON DRIVE)</td>
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</table>

### BEARING DATA

- N 90°00'00.00" R 1356.168' "RD" (PORSTON DRIVP)
- N 21°58'54.94" R 368.53' "FD" (FORSTON DRIVE)
- N 90°00'00.00" R 95.546' "RD" (FORSTON DRIVE)
- N 64°20'14.18" R 303.493' "FD" (FORSTON DRIVE)
### LINE DATA

<table>
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<tr>
<td>4</td>
<td>303.893'</td>
<td>&quot;FD&quot; (FORESTON DRIVE)</td>
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<tr>
<td>5</td>
<td>146.672'</td>
<td>&quot;FD&quot; (FORESTON DRIVE)</td>
</tr>
<tr>
<td>6</td>
<td>980.849'</td>
<td>&quot;FD&quot; (FORESTON DRIVE)</td>
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### CURVE DATA

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<th>ALIGNMENT</th>
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<tbody>
<tr>
<td>400'</td>
<td>28°19'33.01&quot;</td>
<td>100.94'</td>
<td>197.75'</td>
<td>&quot;FD&quot; (FORESTON DRIVE)</td>
</tr>
<tr>
<td>300'</td>
<td>66°14'57.23&quot;</td>
<td>174.08'</td>
<td>315.45'</td>
<td>&quot;FD&quot; (FORESTON DRIVE)</td>
</tr>
</tbody>
</table>
SIERRA HIGHWAY "SH" LINE PROFILE
HORIZ. 1"=100'  VERT. 1"=10'  DEFLECTION 60 MPH

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

CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E14/E2A"
GRADE SEPARATION PROFILE
SIERRA HIGHWAY (1/9)
SIERRA HIGHWAY
STA 103+58.31 TO 108+56.57
PER CITY OF PALMDALE GENERAL PLAN

SIERRA HIGHWAY
STA 703+56.97 TO 719+07.54
STA 723+16.85 TO 736+89.29
PER CITY OF PALMDALE GENERAL PLAN

SIERRA HIGHWAY
STA 712+07.04 TO 714+93.94 (DEG BRIDGE)
STA 720+69.85 (DEG BRIDGE) TO 723+16.85
PER CITY OF PALMDALE GENERAL PLAN
AVENUE S

STA 00+27.08 to 82+15.30
STA 82+15.30 (2ND BRIDGE) to STA 118+64.60
PER CITY OF PALMDALE GENERAL PLAN

AVAENUE S

STA 89+00.00 to 90+21.08
PER CITY OF PALMDALE GENERAL PLAN
LINE DATA

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<tbody>
<tr>
<td>S 89°02'18.08&quot; W</td>
<td>2640.71'</td>
<td>&quot;AR2&quot; (ACCESS ROAD PORTAL 2)</td>
</tr>
<tr>
<td>S 29°56'35.94&quot; W</td>
<td>784.21'</td>
<td>&quot;AR2&quot; (ACCESS ROAD PORTAL 2)</td>
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<tr>
<td>S 31°08'56.55&quot; W</td>
<td>784.18'</td>
<td>&quot;AR2&quot; (ACCESS ROAD PORTAL 2)</td>
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<tr>
<td>S 59°51'03.48&quot; E</td>
<td>271.58'</td>
<td>&quot;AR2-2&quot; (ACCESS ROAD PORTAL-2)</td>
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CURVE DATA

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<tbody>
<tr>
<td>100'</td>
<td>60°05'42.53&quot;</td>
<td>57.846'</td>
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<tr>
<td>1500'</td>
<td>3° 52 '11.97&quot;</td>
<td>50.677'</td>
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<tr>
<td>1000'</td>
<td>6°04'32.94&quot;</td>
<td>53.071'</td>
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<tr>
<td>1490'</td>
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<tr>
<td>1490'</td>
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<td>8°16'32.68&quot;</td>
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<tr>
<td>1490'</td>
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<td>107.195'</td>
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CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1A/E2A"
ACCESS ROAD PLAN
PORTAL 2

DESIGNED BY: D. CORDOBA
DRAWN BY: A. CAMACHO
CHECKED BY: R. RODRIGUEZ
IN CHARGE: A. RRLANO
DATE: 02/26/2021
ACCESS ROAD PORTAL 1 "AR1" PROFILE

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

DESIGNED BY: F. DEJESUS
DRAWN BY: A. CAMACHO
CHECKED BY: R. RODRIGUEZ

DATE: 02/26/2021
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)