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<th>Drawing No.</th>
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California High-Speed Rail Authority

Palmdale Subsection

DRAFT PEPD REV01

Track Alignment Plans

February 2019
The document contains a plan profile for a railroad project, detailing the track profile and various design considerations. The plan profile is designed as the centerline at the top of the SB (Southbound) low rail. Applicable local design standards and guidelines (e.g., City of Los Angeles) will be used, with final slopes to be defined at a later stage when the geotechnical study is available. The plan profile includes details such as track elevations, slope stake, spiral to spiral, and various other track-related specifications. The design speed is 300 km/h, and the project is part of the California High-Speed Rail Project. The plan profile is designed to meet safety and operational standards, ensuring smooth transitions and clear sightlines for train operators.
TIE IN TO SECTION "BAKERSFIELD TO PALMDALE"

BEGIN "PALMDALE TO BURBANK"
STA 100+00.00 "REFINED SR14" E

BEGIN "PALMDALE TO BURBANK"
STA 100+00.00 "SR14/E1/E2" TRACK PROFILE

NOTE:

VERT 1"=20'
HORIZ 1"=100'

SCALE
DRAWING NO.
CONTRACT NO.

2540
2580
2620
2660
2700
2740

04/06/2019
A. RELANO
R. RODRIGUEZ
JC ALAMILLA

DATE
CHECKED BY
DRAWN BY

CONSTRUCTION
SUBSECTION
NOT FOR

MATCH LINE (TT-D1002A-PLM)

"BAKERSFIELD TO PALMDALE" ALT 1,2,3

"BAKERSFIELD TO PALMDALE" ALT 1,2,3 *

"BAKERSFIELD TO PALMDALE" NOTE:

"SR14/E1/E2" TRACK PROFILE

1.48%

"REFINED SR14" TRACK PROFILE

12

• CHSR SB ALIGNMENT

ACCESS ROAD

MAINTENANCE

HDC

• EXIST SPUR TRACK

MAINTENANCE

ACCESS ROAD

SIERRA HIGHWAY (TO BE REALIGNED)

E

S

S 7°25'9" E

HORIZONTAL CURVE

0.50%
GENERAL NOTES

1. THE FOLLOWING ARE ROADWAY DESIGN STANDARDS AND GUIDELINES
   c. Applicable local design standards and guidelines (i.e., City of Palmdale)

LEGEND

SECTION NUMBER
DRAWING NUMBER

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

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

CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

Sener

CALIFORNIA
HIGH-SPEED RAIL PROJECT
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ABBREVIATIONS AND LEGEND

CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

Sener
EAST AVENUE 0

STA 10+20 TO STA 13
MAJOR ARTERIAL (B1)
PER CITY OF PALMDALE GENERAL PLAN
AVENUE Q
STA 571+00 TO 605+40
5TH ST TO END
PER CITY OF PALMDALE GENERAL PLAN
California High-Speed Rail Authority

**Palmdale to Burbank Section: Palmdale Subsection**

Bridges and Elevated Structures Plans

Draft PEPD Rev 01

February 2019
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**

**PALMDALE SUBSECTION**

**GENERAL BRIDGES AND ELEVATED STRUCTURES INDEX OF DRAWINGS**