ALTERNATIVE 1,3,5
ROADWAY
STATE ROUTE 58
PLAN

LINE DATA

<table>
<thead>
<tr>
<th>No.</th>
<th>Bearing</th>
<th>Distance</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>73°06'21&quot; W</td>
<td>5963.13'</td>
</tr>
</tbody>
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SEE DWG CV-R1055 FOR "TEJN" IMPROVEMENTS
· CHSR SB ALIGNMENT "ALT1,3,5"
· CHSR NB ALIGNMENT "ALT1,3,5"
· CHSR "MOIS-ED" TRACK
SEE TC SHEETS
· CHSR R/W
· COUNTY R/W
· PROP COUNTRY R/W
· ACCESS ROAD
· PROP CALTRANS R/W
· PROP CALTRANS R/W
· Prop CHSR R/W

CALEIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,3,5
ROADWAY
STATE ROUTE 58
PLAN

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017
RECORD
PEPD
SUBMITTAL
NOT FOR CONSTRUCTION

California High-Speed Rail Authority

CONTRACT NO. HSR13-44
DRAWING NO. CV-R1407
SCALE AS SHOWN
SHEET NO.

11/3/2017 4:52:24 PM
QIC A. Rivera

5/31/2011

Projects/2014/20641426/000000/000000 Files/ClaimFiles/ClaimFiles/110417.dgn
ALTERNATIVE 1, 2, 3, 5 ROADWAY
WESTBOUND STATE ROUTE 58
PLAN AND PROFILE

CURVE DATA

<table>
<thead>
<tr>
<th>No.</th>
<th>R</th>
<th>Δ</th>
<th>T</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>20000.00'</td>
<td>2°32'53&quot;</td>
<td>444.79'</td>
<td>889.44'</td>
</tr>
<tr>
<td>2</td>
<td>3753.20'</td>
<td>17°17'25&quot;</td>
<td>570.40'</td>
<td>1132.56'</td>
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LINE DATA

<table>
<thead>
<tr>
<th>No.</th>
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<th>DISTANCE</th>
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<tbody>
<tr>
<td>1</td>
<td>S 49°55'50&quot; E</td>
<td>250.00'</td>
</tr>
<tr>
<td>2</td>
<td>S 52°28'43&quot; E</td>
<td>214.03'</td>
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DS = 65 MPH
L = 2428'

PROFILE

MATCH EXIST 100+50.00
"SR58WB" 100+00.00 BC
"SR58WB" 103+00.00 BC
"SR58WB" 111+89.44 EC
"SR58WB" 114+03.47 BC

MATCH LINE (R 144 8 )
"SR58WB" 114+03.47 BC
"SR58WB" 115+00

DESIGNED BY D. HOLMAN
DRAWN BY A. RIVERA
CHECKED BY G. CAMPBELL
IN CHARGE S. SMITH
DATE 10/31/2017

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1, 2, 3, 5
ROADWAY
WESTBOUND STATE ROUTE 58
PLAN AND PROFILE

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
CONTRACT NO. HSR13-44
DRAWING NO. CV-R1447
SCALE AS SHOWN
SHEET FILE CV-BP-CV-R1447.dgn
4:59:11 PM 11/3/2017
QI C. A. Rivera
ALTERNATIVE 2
ROADWAY
ACCESS ROAD 17561
PLAN AND PROFILE

STATION
PG
OG
0.00%
0.00%
MALAGA RD
DS = 15 MPH
L = 200'
DS = 15 MPH
L = 200'
10 + 00 .00  PVI
10 + 05 .29  BVC
ELEV 634.78
11 + 05 .29  PVI
ELEV 634.78
12 + 05 .29  EVC
ELEV 624.78
13 + 96 .97  BVC
ELEV 605.61
14 + 96 .97  PVI
ELEV 595.61
15 + 96 .97  EVC
ELEV 597.61
16 + 54 .59  PVI
ELEV 598.76

PARALLEL ACCESS ROAD
TIE IN TO PROP
ELEV 634.78

PLAN

PROFILE

LINE DATA

<table>
<thead>
<tr>
<th>No.</th>
<th>Bearing</th>
<th>Distance</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>N 14°54'32&quot; E</td>
<td>45.65'</td>
</tr>
<tr>
<td>2</td>
<td>S 75°06'16&quot; E</td>
<td>210.64'</td>
</tr>
<tr>
<td>3</td>
<td>S 84°52'14&quot; E</td>
<td>303.35'</td>
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</table>

CURVE DATA

<table>
<thead>
<tr>
<th>No.</th>
<th>R</th>
<th>( \Delta )</th>
<th>T</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>45.00'</td>
<td>89°59'13&quot;</td>
<td>44.99'</td>
<td>70.68'</td>
</tr>
<tr>
<td>2</td>
<td>160.00'</td>
<td>09°45'59&quot;</td>
<td>13.61'</td>
<td>27.27'</td>
</tr>
</tbody>
</table>

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN

CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH

DATE
10/31/2017

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
ROADWAY
ACCESS ROAD 17561
PLAN AND PROFILE

CALIFORNIA HIGH-SPEED RAIL PROJECT
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1462
SCALE
AS SHOWN
SHEET NO.
ALTERNATIVE 2
ROADWAY
ACCESS ROAD NEUM
PLAN AND PROFILE

PLAN

PROFILE

"NEUM"

"NEUM"

"17787" AND "17791"

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
ROADWAY
ACCESS ROAD NEUM
PLAN AND PROFILE

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

RECORD
PEPD
SUBMITTAL
NOT FOR
CONSTRUCTION
ALTERNATIVE 1, 2, 3, 5
ROADWAY
SIERRA HIGHWAY
PLAN AND PROFILE

STATION

225+00
230+00
235+00
240+00
245+00
250+00

ELEV 2446.82
ELEV 2446.82
ELEV 2446.82

-3.0 3%

DS = 55 MPH
L = 550'

DS = 55 MPH
L = 940'

MATCH LINE ( R1500 )
MATCH LINE ( R1502 )

PROFILE

"AVE K"

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1, 2, 3, 5
ROADWAY
SIERRA HIGHWAY
PLAN AND PROFILE

DESIGNED BY
D. HOLMAN

DATE
10/31/2017

CHECKED BY
G. CAMPBELL

IN CHARGE
S. SMITH

DRAWN BY
A. RIVERA

CHECKED BY
G. CAMPBELL

IN CHARGE
S. SMITH

DATE
11/3/2017

Projects\701206.00_CHSRBP\00 CADD\Sheet Files\CV\BP-CV-R1501.dgn
4:55:55 PM

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1501
SCALE
AS SHOWN
SHEET NO.
ALTERNATIVE 1, 2, 3, 5
ROADWAY
SIERRA HIGHWAY
PLAN AND PROFILE

STATION
2440
2450
2460
2470
2480
2490
2500
2510
2520
2530
2540

278+00.00 BVC
ELEV 2471.92

279+00.00 PVI
ELEV 2472.93

280+00.00 EVC
ELEV 2474.18

294+45.00 BVC
ELEV 2492.24

297+20.00 PVI
ELEV 2495.68

299+95.00 EVC
ELEV 2497.05

1.00%
1.25%
0.50%

DS = 55 MPH
L = 550'

MATCH LINE ( R1502 )
MATCH LINE ( R1504 )

PROFILE

PLAN

LINE DATA
No. BEARING DISTANCE
10 N 0°20'15" W 4493.77'

No. BEARING DISTANCE

N 0°20'15" W 4493.77'

2440 2450 2460 2470 2480 2490 2500 2510 2520 2530 2540

2400 2410 2420 2430 2440 2450 2460 2470 2480 2490 2500

10

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH

DATE
10/31/2017

Projects\701206.00_CHSRBP\00 CADD\Sheet Files\CV\BP-CV-R1503.dgn

11/3/2017 4:57:10 PM

REV
DATE
CHK
APP
DESCRIPTION

PPEF
PTEF
ETW
SW
BIKE PATH

SEE DWG CV-R1122 FOR "AVE L" IMPROVEMENTS
"AVE L" 12+27.42
"SERA" 281+38.60
R/W
CITY OF LANCASTER

R/W
CITY OF LANCASTER

15+00
10+00
5+00

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1, 2, 3, 5
ROADWAY
SIERRA HIGHWAY
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1503
SCALE
AS SHOWN
SHEET NO.
### PLAN

**LINE DATA**

<table>
<thead>
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<th>No.</th>
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<tbody>
<tr>
<td>12</td>
<td>N 0°39'32&quot; W</td>
<td>6681.21'</td>
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</table>

**PROFILE**

```
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
SIERRA HIGHWAY
PLAN AND PROFILE
```

**DESIGNED BY**

D. HOLMAN

**DRAWN BY**

A. RIVERA

**CHECKED BY**

G. CAMPBELL

**IN CHARGE**

S. SMITH

**DATE**

10/31/2017

**NOT FOR CONSTRUCTION**
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 5
SIERRA HIGHWAY
PLAN AND PROFILE

LINE DATA

<table>
<thead>
<tr>
<th>No.</th>
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</thead>
<tbody>
<tr>
<td>0</td>
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<td>800.82'</td>
</tr>
<tr>
<td>1</td>
<td>N 25°54'28&quot;W</td>
<td>541.36'</td>
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CURVE DATA

<table>
<thead>
<tr>
<th>No.</th>
<th>R</th>
<th>A</th>
<th>T</th>
<th>L</th>
</tr>
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<tbody>
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<td>316.49'</td>
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<tr>
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<td>40°49'37&quot;</td>
<td>446.60'</td>
<td>855.08'</td>
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<tr>
<td>2</td>
<td>2100.00'</td>
<td>14°26'39&quot;</td>
<td>266.08'</td>
<td>529.35'</td>
</tr>
</tbody>
</table>

DESIGNED BY: D. HOLMAN
DRAWN BY: A. RIVERA
CHECKED BY: G. CAMPBELL
IN CHARGE: S. SMITH
DATE: 10/31/2017
### Profile "SERA" 320+41.51 EC

<table>
<thead>
<tr>
<th>No.</th>
<th>Bearing</th>
<th>Distance (Feet)</th>
<th>Tan.</th>
<th>T (Feet)</th>
<th>L (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>N 7°25'26&quot; W</td>
<td>428.52</td>
<td>0°</td>
<td>1150.20</td>
<td>2501.76</td>
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<tr>
<td>9</td>
<td>N 15°03'36&quot; E</td>
<td>486.72</td>
<td>22°27'03&quot;</td>
<td>396.93</td>
<td>783.68</td>
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### Curve Data

<table>
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<tr>
<th>No.</th>
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<th>T (Feet)</th>
<th>L (Feet)</th>
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<td>1150.90</td>
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<tr>
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<td>2000.00</td>
<td>22°27'03&quot;</td>
<td>783.68</td>
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### Line Data

<table>
<thead>
<tr>
<th>No.</th>
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<tr>
<td>8</td>
<td>N 7°25'26&quot; W</td>
<td>428.52</td>
</tr>
<tr>
<td>9</td>
<td>N 15°03'36&quot; E</td>
<td>486.72</td>
</tr>
</tbody>
</table>

### Design Information

- **Designed By:** D. Holman
- **Drawn By:** A. Rivera
- **Checked By:** G. Campbell
- **In Charge:** S. Smith
- **Date:** 10/31/2017

---

**California High-Speed Rail Project**

**Bakersfield to Palmdale**

**Alternative 5**

**Roadway**

**Sierra Highway**

**Plan and Profile**

---

**Projects\701206.00_CHSRBP\00 CADD\Sheet Files\CV\BP-CV-R1528.dgn**

**Record SUBMITTAL**

**Not For Construction**

**4:42:44 PM 11/3/2017 QIC.ARivera**
CONSTRUCTION NOTES:
1. CONSTRUCT DIRT CUL-DE-SAC PER TYPICAL DETAILS ON DRAWING NO. CV-R1554.
2. CONSTRUCT DIRT HAMMERHEAD TURNAROUND PER TYPICAL DETAILS ON DRAWING NO. CV-R1554.