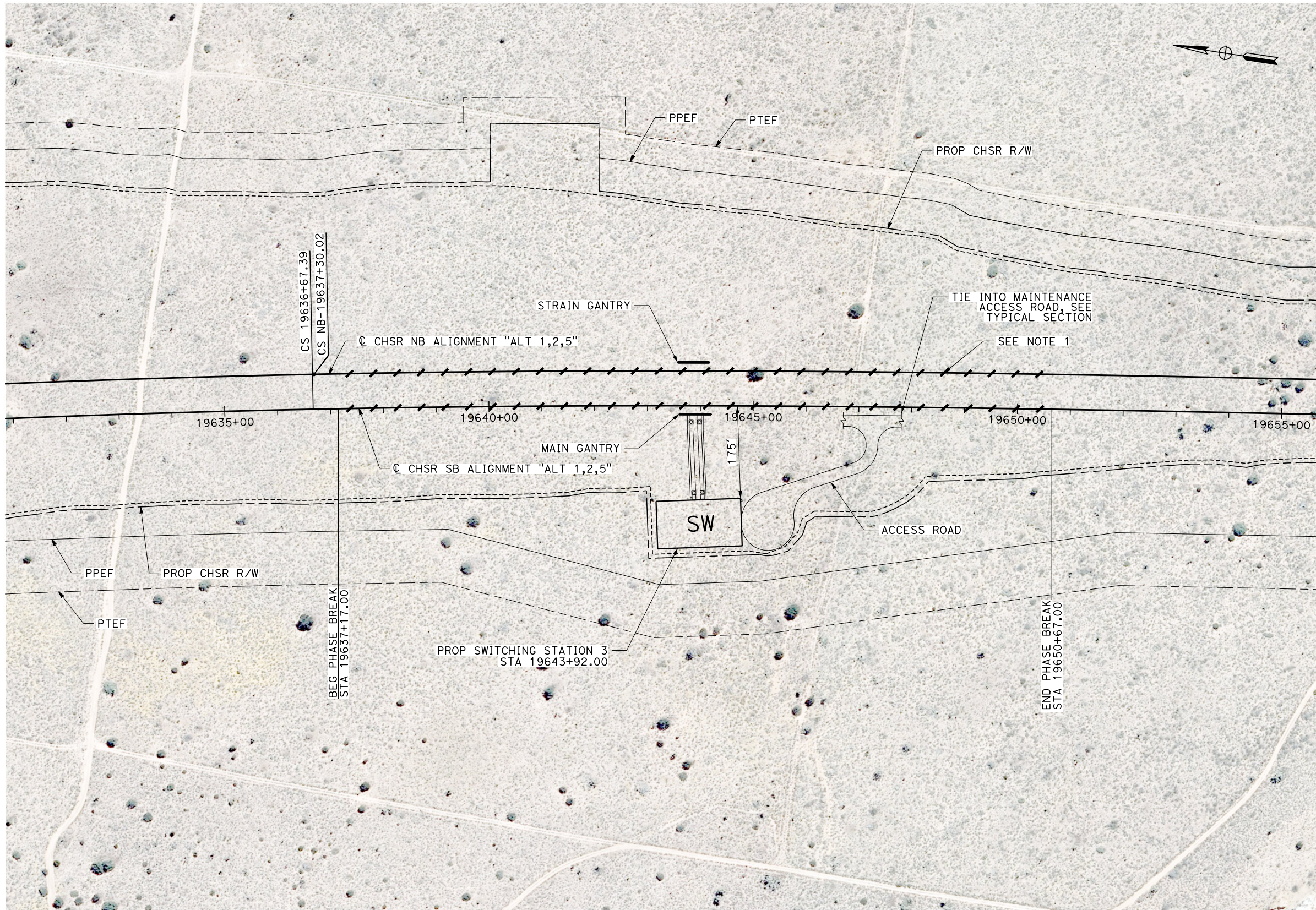


Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\TP\BP-TP-04011

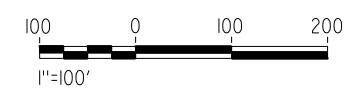
9/28/2017 4:17:34 PM

9/28/2017 4:17:34 PM

01C-ARIVEGA



**NOTES**  
 1. PROPOSED TRACK GRADE THROUGH PHASE BREAK IS -2.80%.



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
 DRAWN BY  
**E. REVOLORIO**  
 CHECKED BY  
**J. SIHOTA**  
 IN CHARGE  
**S. SMITH**  
 DATE  
**10/31/2017**

**RECORD  
 PECD  
 SUBMITTAL**

**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 BAKERSFIELD TO PALMDALE**  
 ALTERNATIVE 1,2,5  
 TRACTION POWER SITE PLAN  
 PROPOSED SWITCHING STATION 3

CONTRACT NO.  
**HSR13-44**  
 DRAWING NO.  
**TP-04011**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

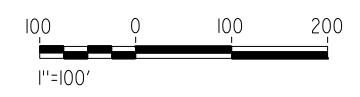


Projects\701206.00\_CADD\Sheet\_Files\TP\BP-TP-04012

9/28/2017 4:17:09 PM

9/28/2017

OJC:ARIVERA



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**E. REVOLORIO**  
CHECKED BY  
**J. SIHOTA**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,5  
TRACTION POWER SITE PLAN  
PROPOSED PARALLELING STATION 7

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**TP-04012**

SCALE  
**AS SHOWN**

SHEET NO.

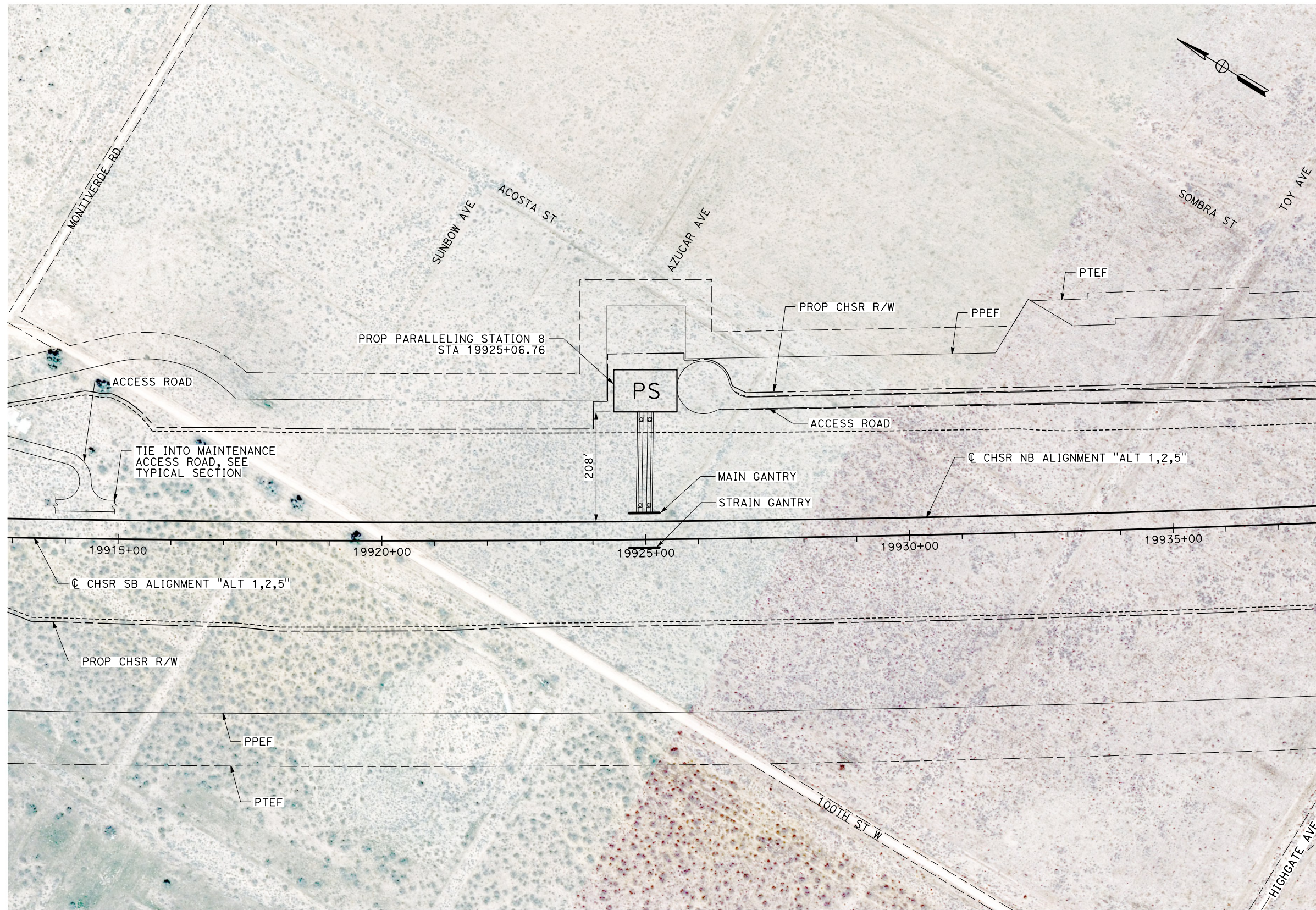


Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\TP\BP-TP-04013

9/28/2017 4:16:52 PM

9/28/2017 4:16:52 PM

OJC:ARIVEGA



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**E. REVOLORIO**  
CHECKED BY  
**J. SIHOTA**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,5  
TRACTION POWER SITE PLAN  
PROPOSED PARALLELING STATION 8

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
TP-04013  
SCALE  
AS SHOWN  
SHEET NO.

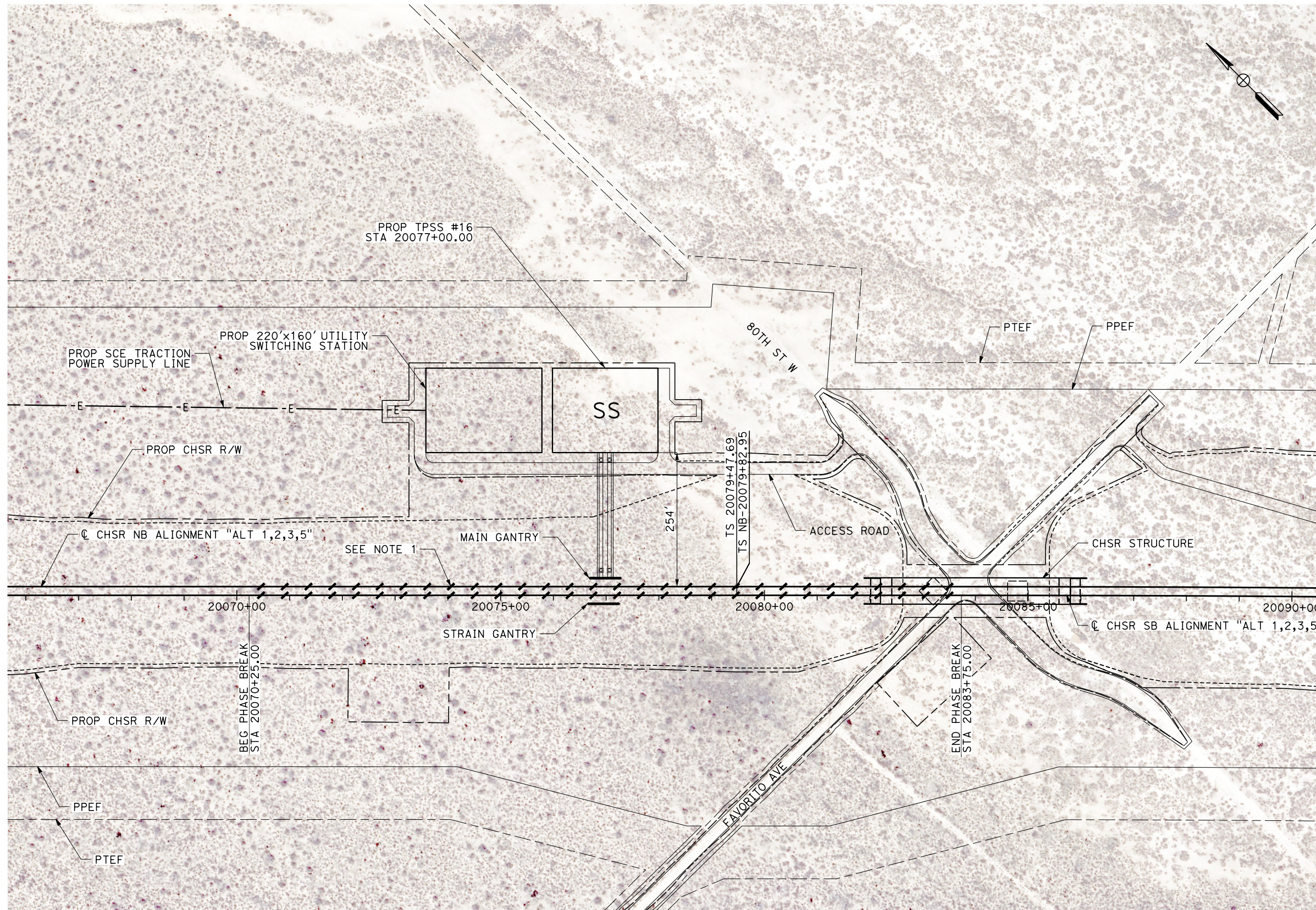


Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\TP\BP-TP-04014

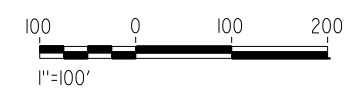
4:18:48 PM

9/28/2017

OIC:ARIVEGA



NOTES  
 1. PROPOSED TRACK GRADE THROUGH PHASE BREAK IS -1.17%.



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
 DRAWN BY  
**E. REVOLORIO**  
 CHECKED BY  
**J. SIHOTA**  
 IN CHARGE  
**S. SMITH**  
 DATE  
**10/31/2017**

**RECORD  
 PEPD  
 SUBMITTAL**

**NOT FOR  
 CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
 TRACTION POWER SITE PLAN  
 PROPOSED TPSS #16

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**TP-04014**

SCALE  
**AS SHOWN**

SHEET NO.

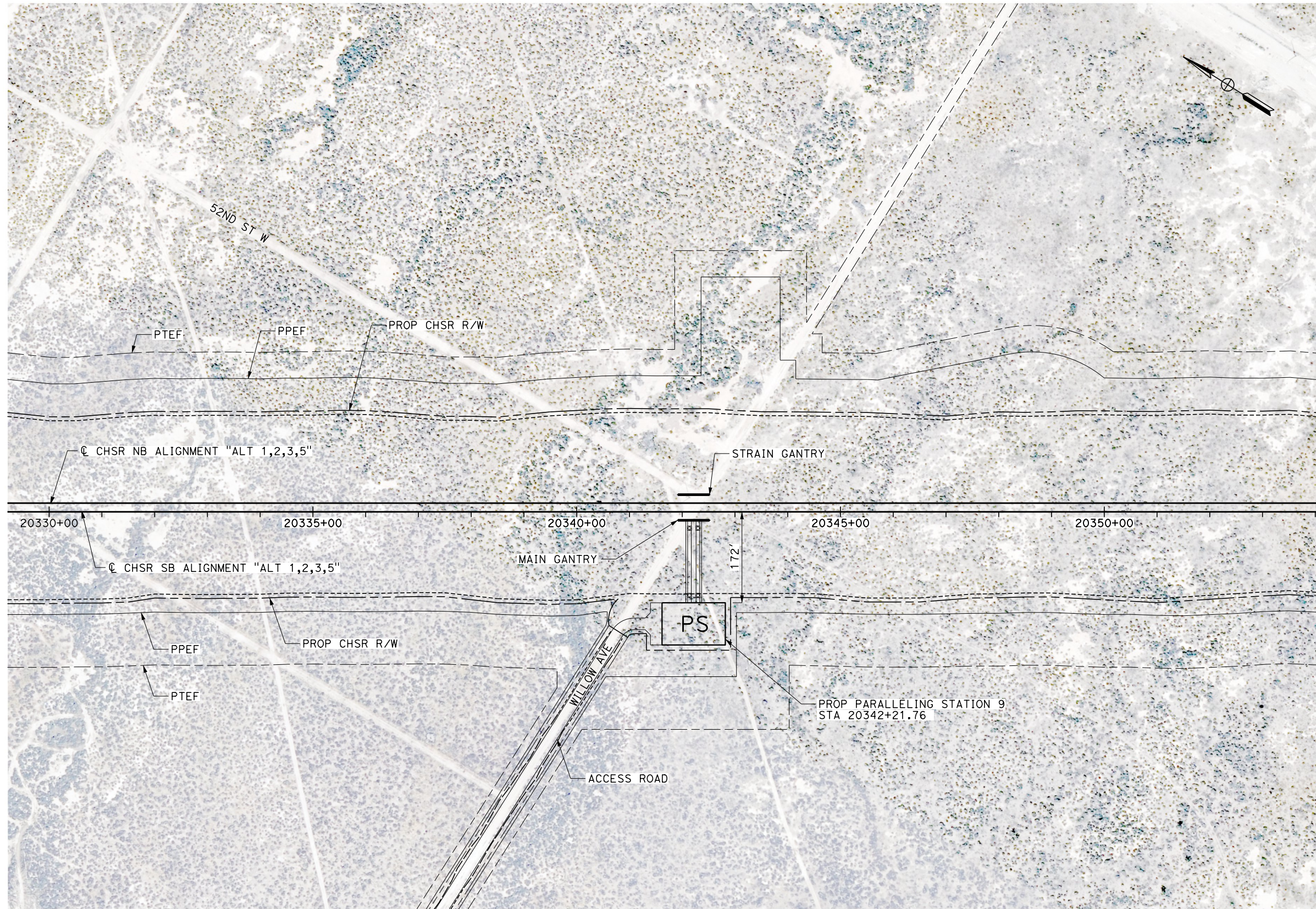


Projects\701206.00\_CADD\Sheet Files\TP\BP-TP-04015

9/28/2017 4:17:27 PM

9/28/2017 4:17:27 PM

OIC:ARivera



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**E. REVOLORIO**  
CHECKED BY  
**J. SIHOTA**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
TRACTION POWER SITE PLAN  
PROPOSED PARALLELING STATION 9

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**TP-04015**

SCALE  
**AS SHOWN**

SHEET NO.

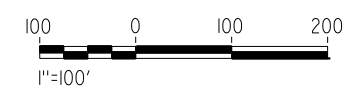
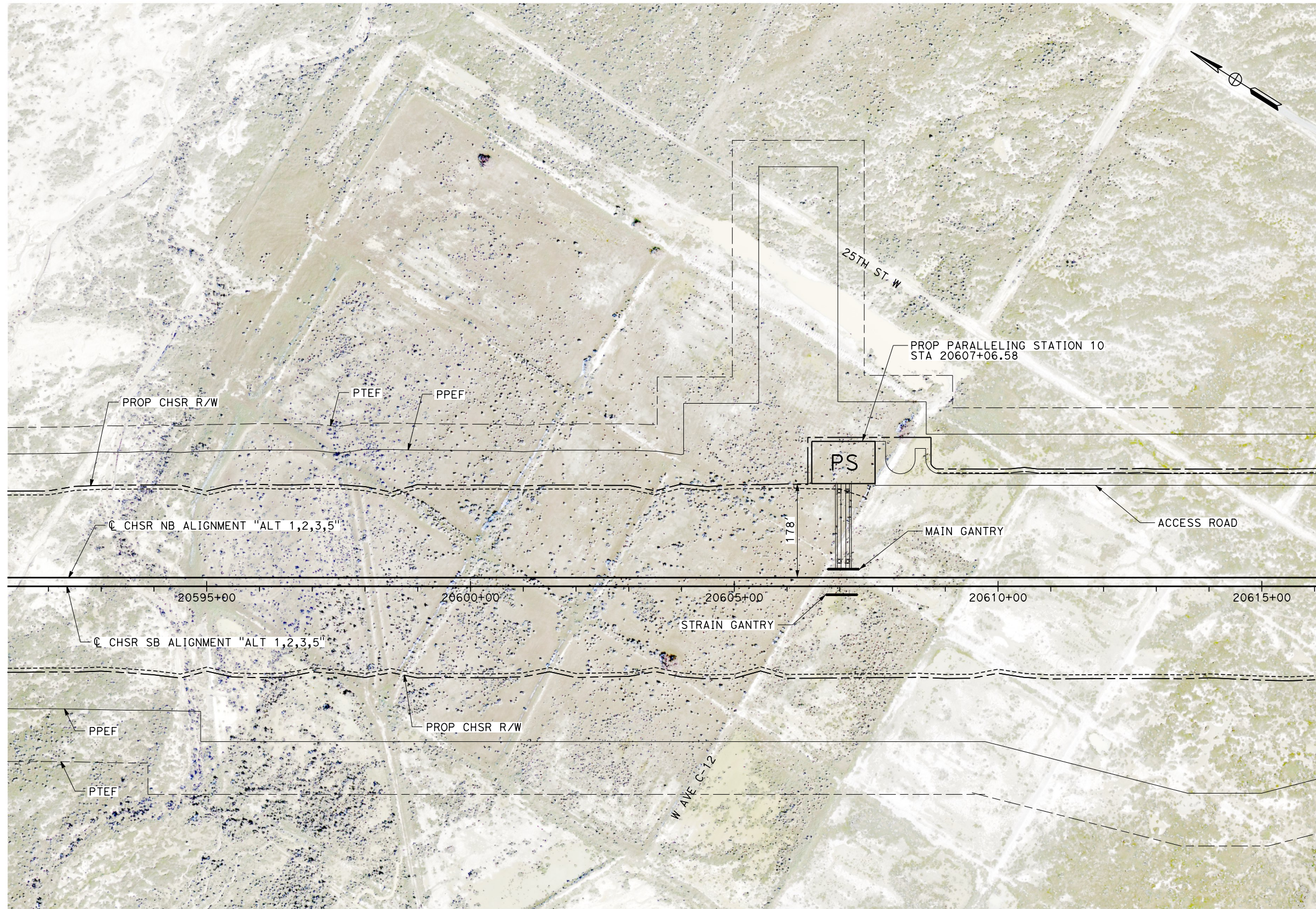


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\TP\BP-TP-04016

9/28/2017 4:17:40 PM

9/28/2017 4:17:40 PM

OIC:ARIVEGA



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**E. REVOLORIO**  
CHECKED BY  
**J. SIHOTA**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
TRACTION POWER SITE PLAN  
PROPOSED PARALLELING STATION 10

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
TP-04016  
SCALE  
AS SHOWN  
SHEET NO.

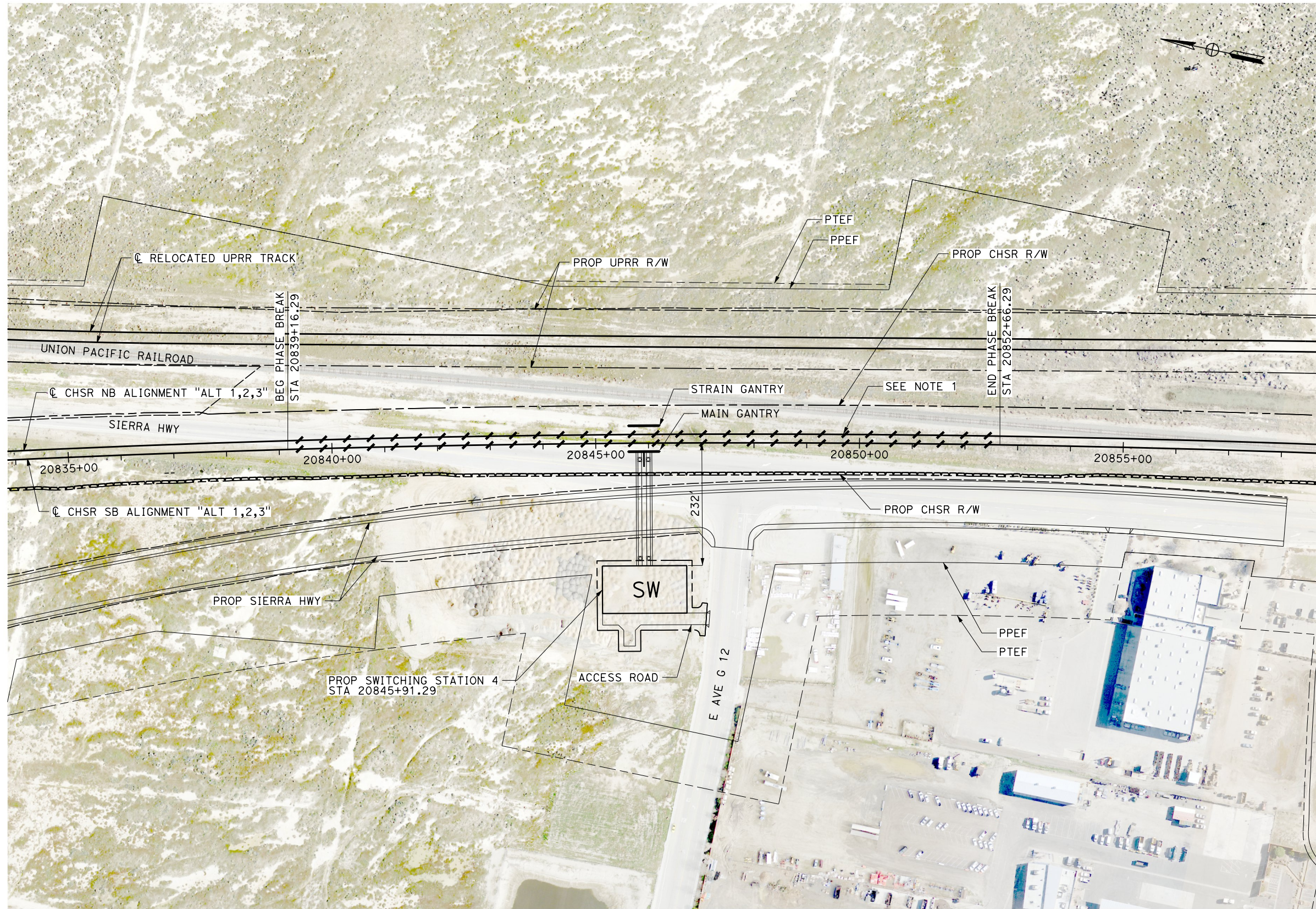


Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\TP\BP-TP-04017

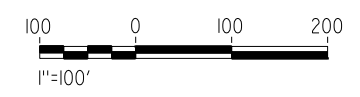
9/28/2017 4:17:32 PM

9/28/2017 4:17:32 PM

OIC:ARivera



**NOTES**  
 1. PROPOSED TRACK GRADE THROUGH PHASE BREAK IS 0.25%.



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
 DRAWN BY  
**E. REVOLORIO**  
 CHECKED BY  
**J. SIHOTA**  
 IN CHARGE  
**S. SMITH**  
 DATE  
**10/31/2017**

**RECORD  
 PEPD  
 SUBMITTAL**

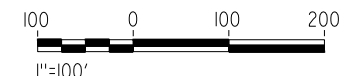
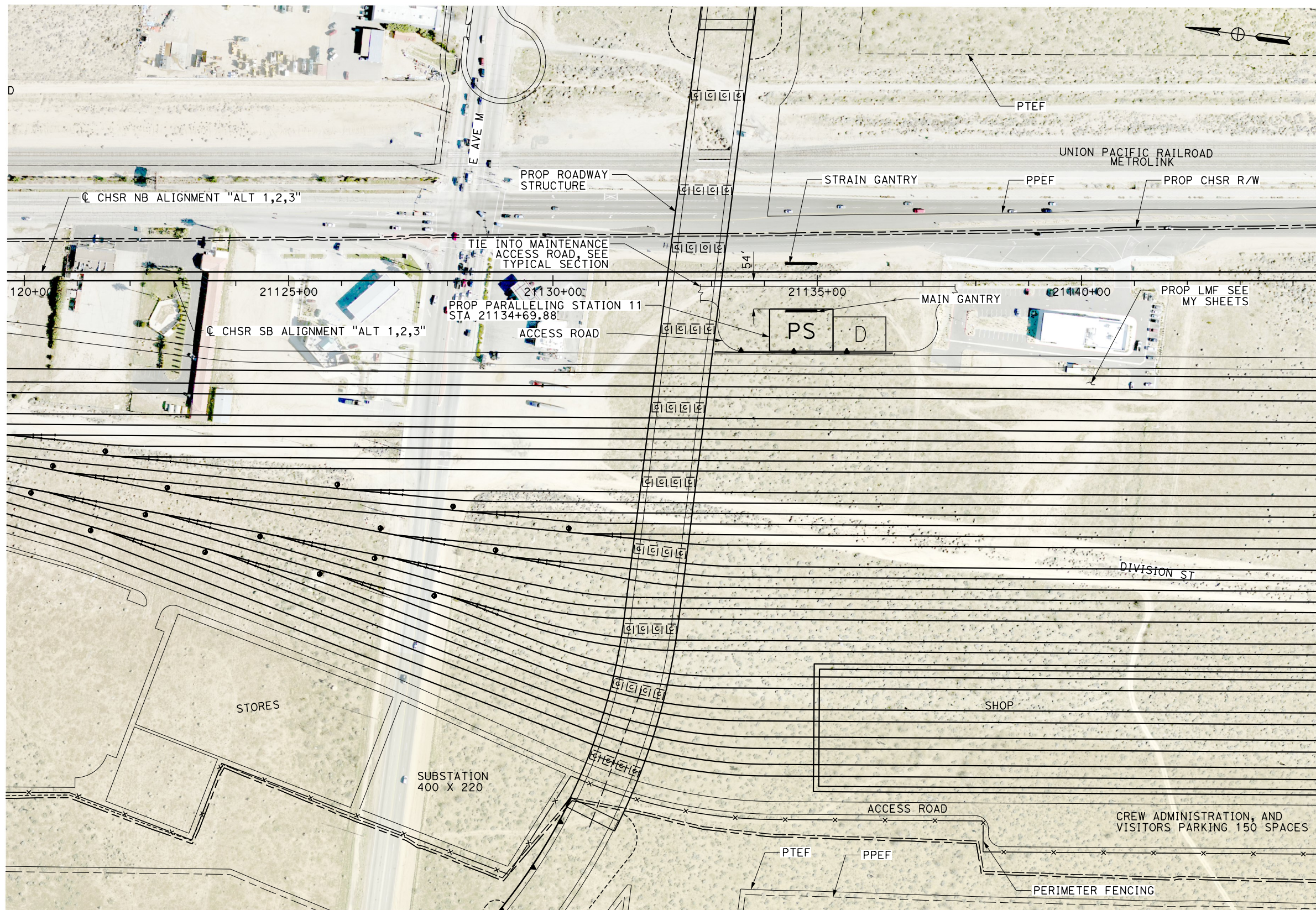
**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 BAKERSFIELD TO PALMDALE**  
 ALTERNATIVE 1,2,3  
 TRACTION POWER SITE PLAN  
 PROPOSED SWITCHING STATION 4

CONTRACT NO.  
**HSR13-44**  
 DRAWING NO.  
**TP-04017**  
 SCALE  
**AS SHOWN**  
 SHEET NO.





**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**E. REVOLORIO**  
CHECKED BY  
**J. SIHOTA**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3  
TRACTION POWER SITE PLAN  
PROPOSED PARALLELING STATION 11

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**TP-04018**

SCALE  
**AS SHOWN**

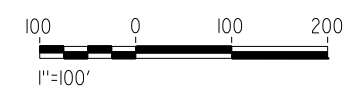
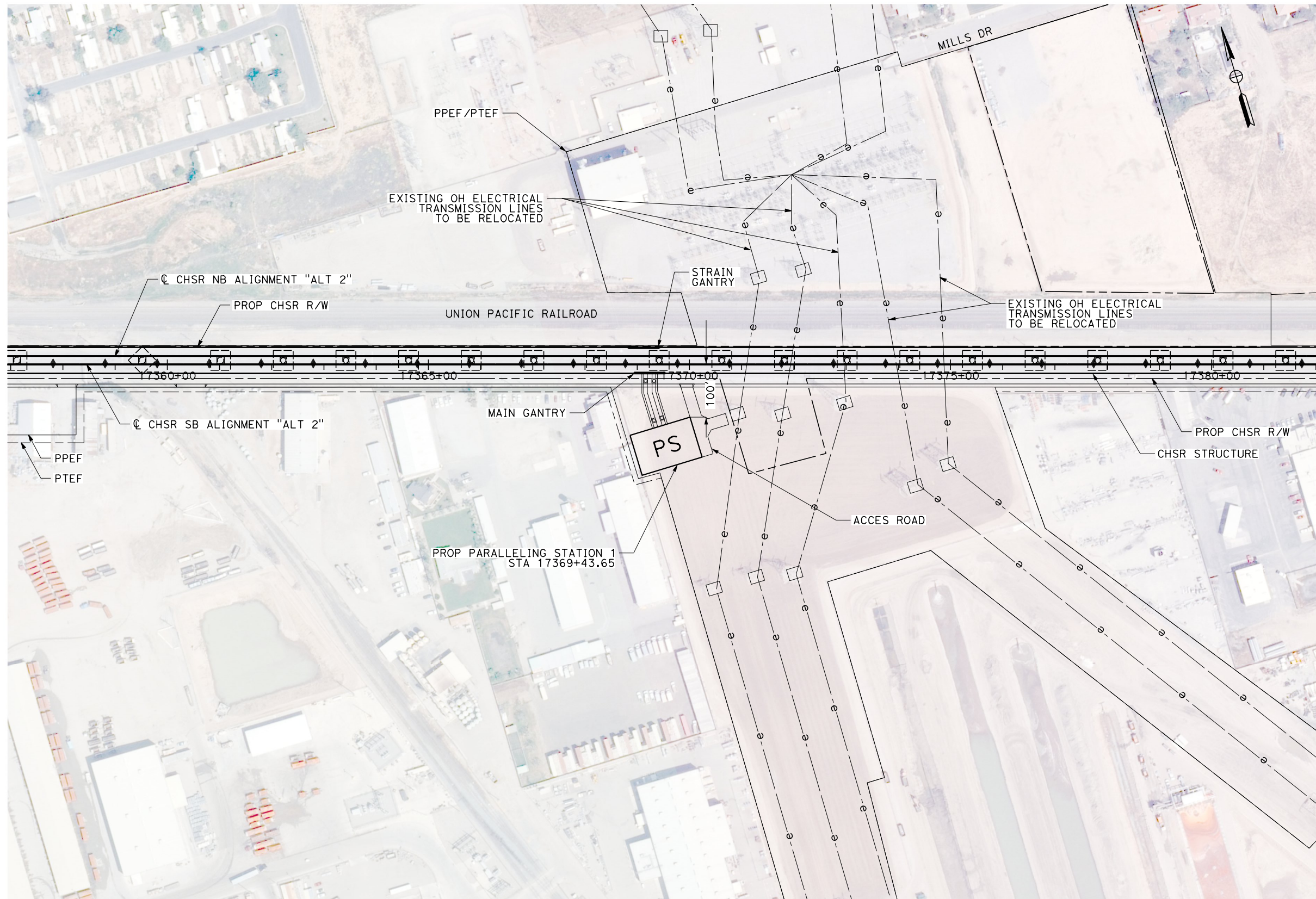
SHEET NO.



Projects\701206\_00\_CHSRBP\_00\_CADD\Sheet\_Files\TP\BP-TP-04101

9/28/2017 4:16:22 PM

9/28/2017



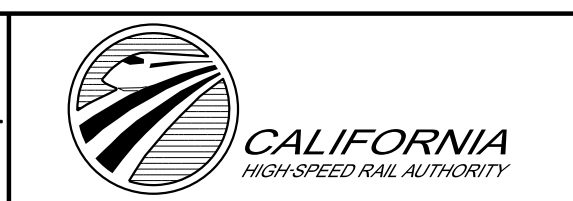
**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**E. REVOLORIO**  
CHECKED BY  
**J. SIHOTA**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 2  
TRACTION POWER SITE PLAN  
PROPOSED PARALLELING STATION 1

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
TP-04101  
SCALE  
AS SHOWN  
SHEET NO.

OIC:ARIVERGA

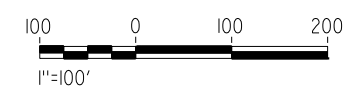
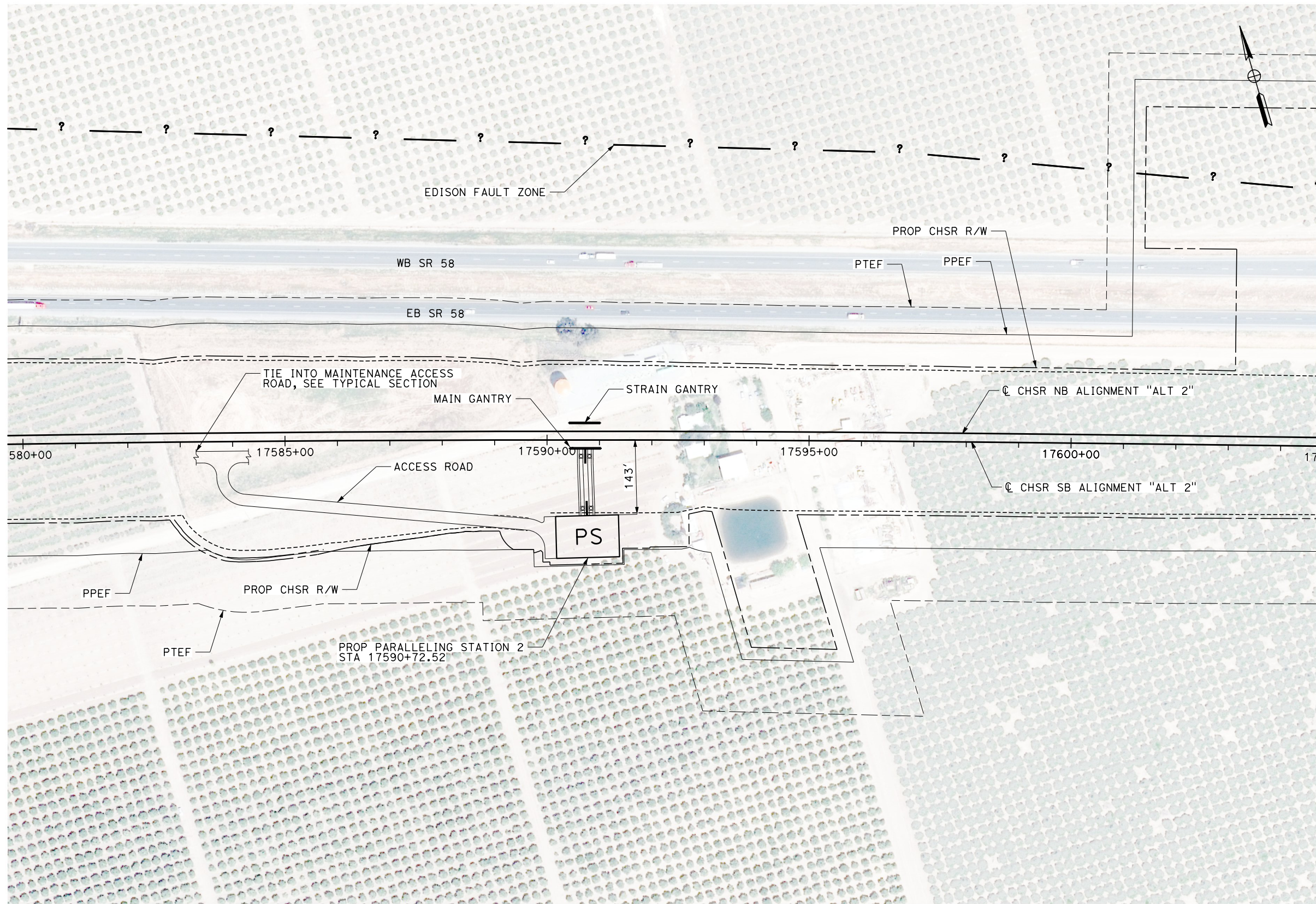


Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\TP\BP-TP-04102

9/28/2017 4:16:16 PM

9/28/2017 4:16:16 PM

OJC:ARIVEGA



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**E. REVOLORIO**  
CHECKED BY  
**J. SIHOTA**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 2  
TRACTION POWER SITE PLAN  
PROPOSED PARALLELING STATION 2

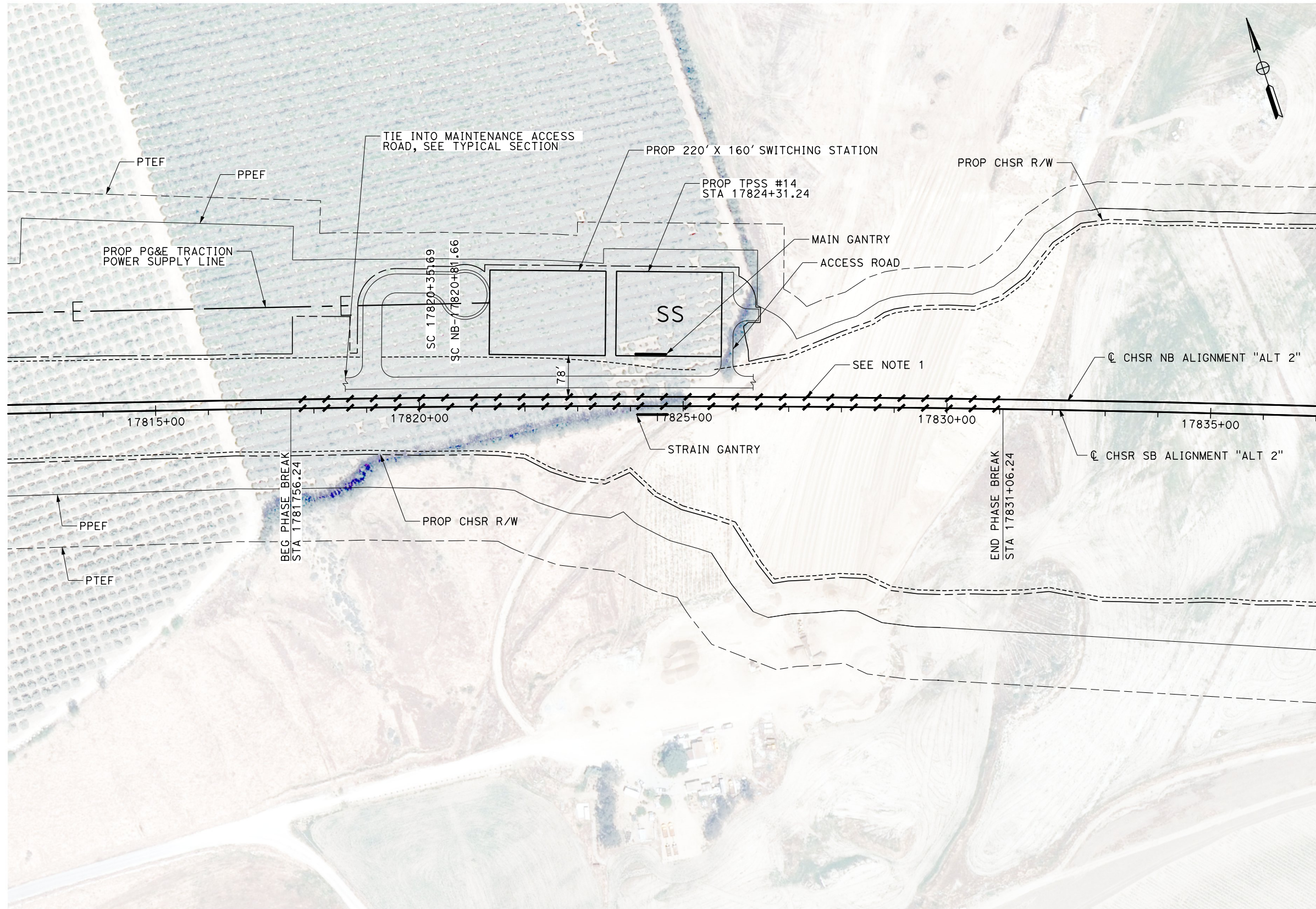
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
TP-04102  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\TP\BP-TP-04103

9/28/2017 4:17:52 PM

OIC:ARIVEGA



**NOTES**  
 1. PROPOSED TRACK GRADE THROUGH PHASE BREAK IS 0.87%.



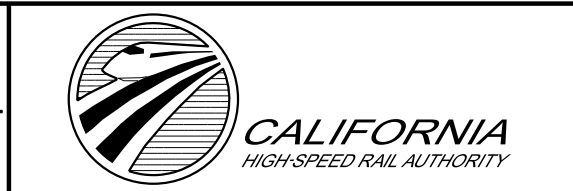
**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
 DRAWN BY  
**E. REVOLORIO**  
 CHECKED BY  
**J. SIHOTA**  
 IN CHARGE  
**S. SMITH**  
 DATE  
**10/31/2017**

**RECORD  
 PEPD  
 SUBMITTAL**

**NOT FOR  
 CONSTRUCTION**



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

ALTERNATIVE 2  
 TRACTION POWER SITE PLAN  
 PROPOSED TPSS #14

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**TP-04103**

SCALE  
**AS SHOWN**

SHEET NO.

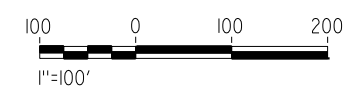
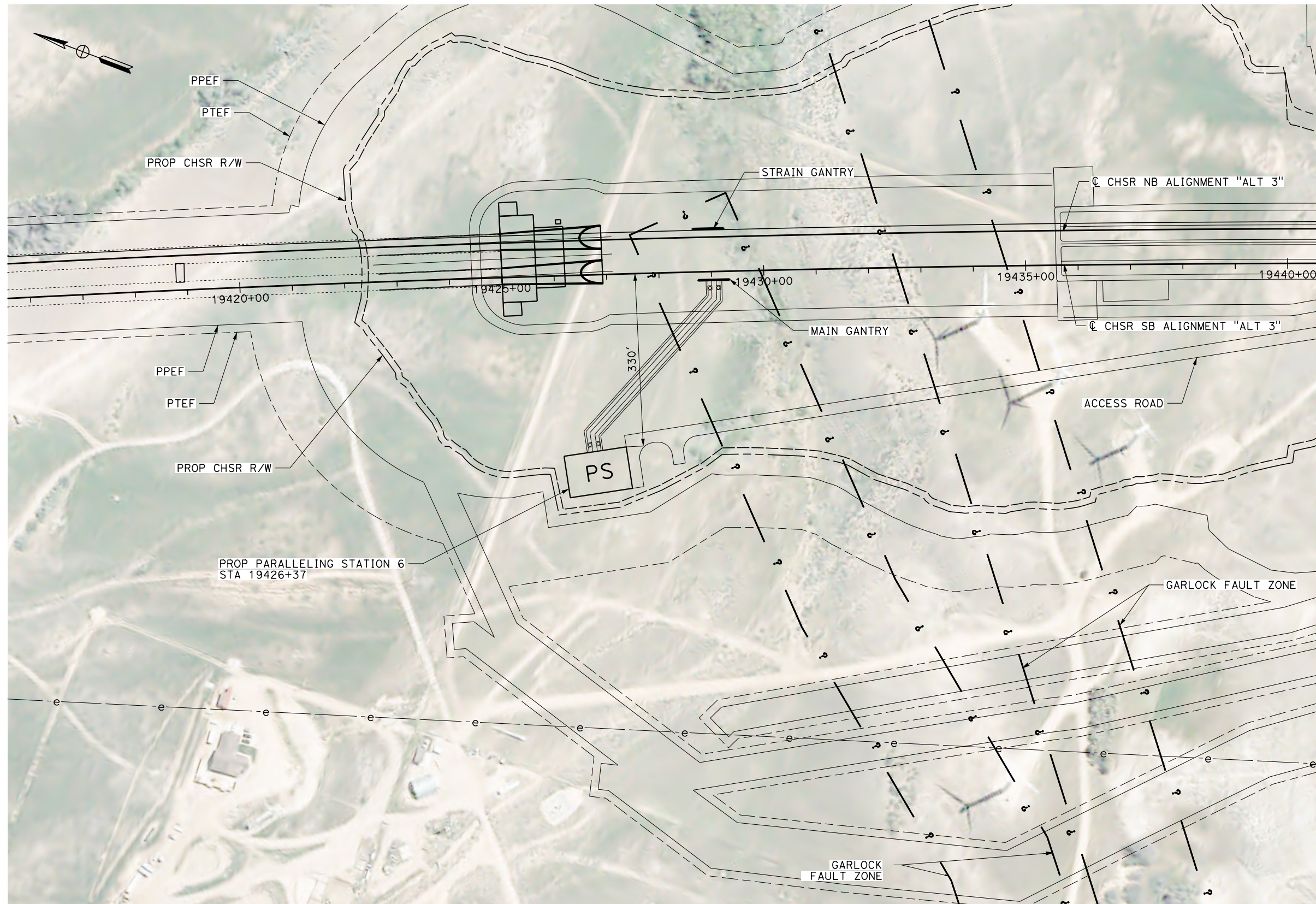


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\TP\BP-TP-04151

9/28/2017 4:16:22 PM

9/28/2017

OIC:ARIVEGA



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**E. REVOLORIO**  
CHECKED BY  
**J. SIHOTA**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
TRACTION POWER SITE PLAN  
PROPOSED PARALLELING STATION 6

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
TP-04151  
SCALE  
AS SHOWN  
SHEET NO.

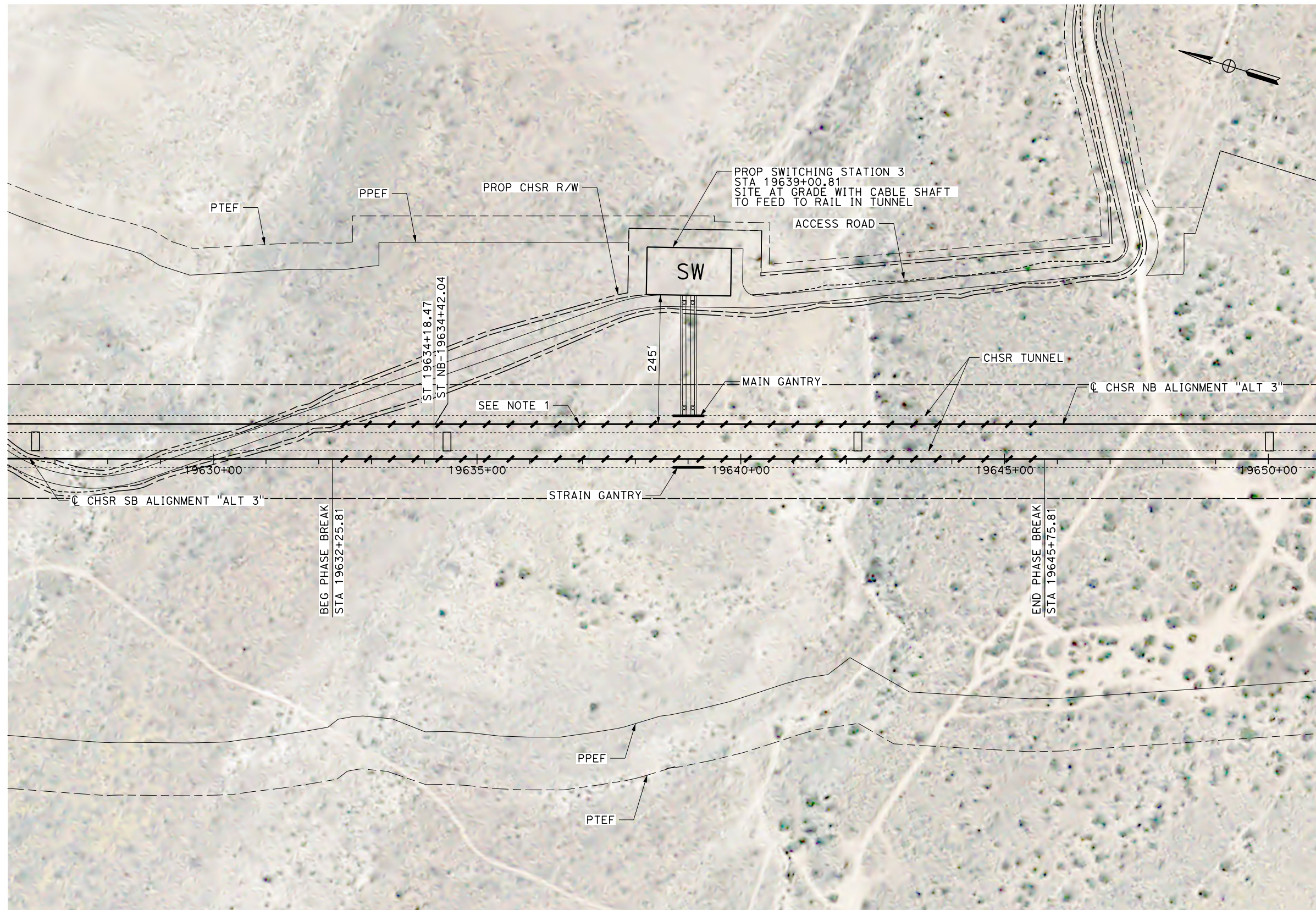


Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\TP\BP-TP-04152

5:16:34 PM

11/6/2017

OJC:ARIVEGA



**NOTES**  
 1. PROPOSED TRACK GRADE THROUGH PHASE BREAK IS -2.80%.



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
 DRAWN BY  
**E. REVOLORIO**  
 CHECKED BY  
**J. SIHOTA**  
 IN CHARGE  
**S. SMITH**  
 DATE  
**10/31/2017**

**RECORD  
 PEPD  
 SUBMITTAL**

**NOT FOR  
 CONSTRUCTION**



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

ALTERNATIVE 3  
 TRACTION POWER SITE PLAN  
 PROPOSED SWITCHING STATION 3

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**TP-04152**

SCALE  
**AS SHOWN**

SHEET NO.

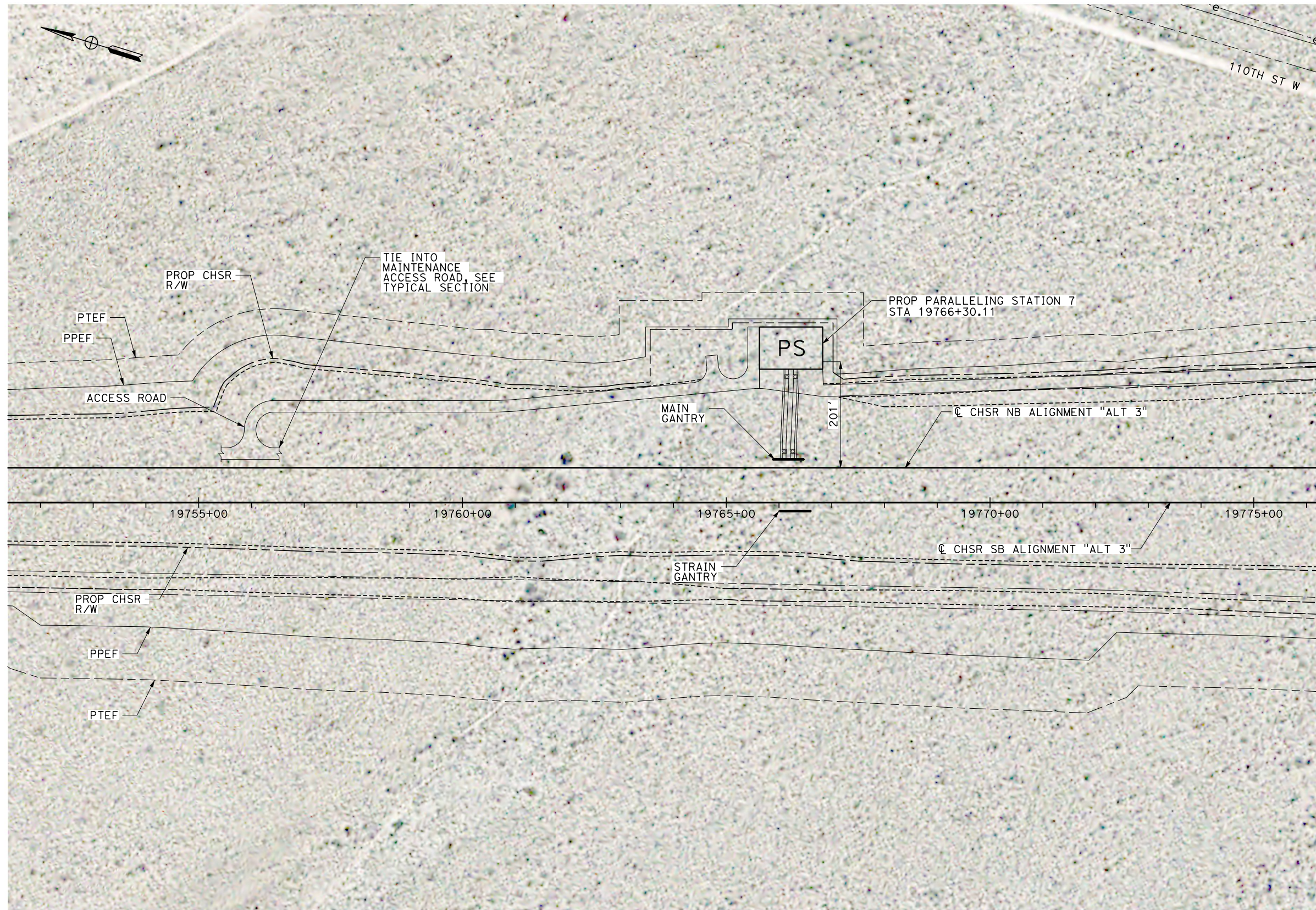


Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\TP\BP-TP-04153

9/28/2017 4:16:37 PM

9/28/2017 4:16:37 PM

OJC:ARIVERGA



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**E. REVOLORIO**  
CHECKED BY  
**J. SIHOTA**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
TRACTION POWER SITE PLAN  
PROPOSED PARALLELING STATION 7

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
TP-04153  
SCALE  
AS SHOWN  
SHEET NO.

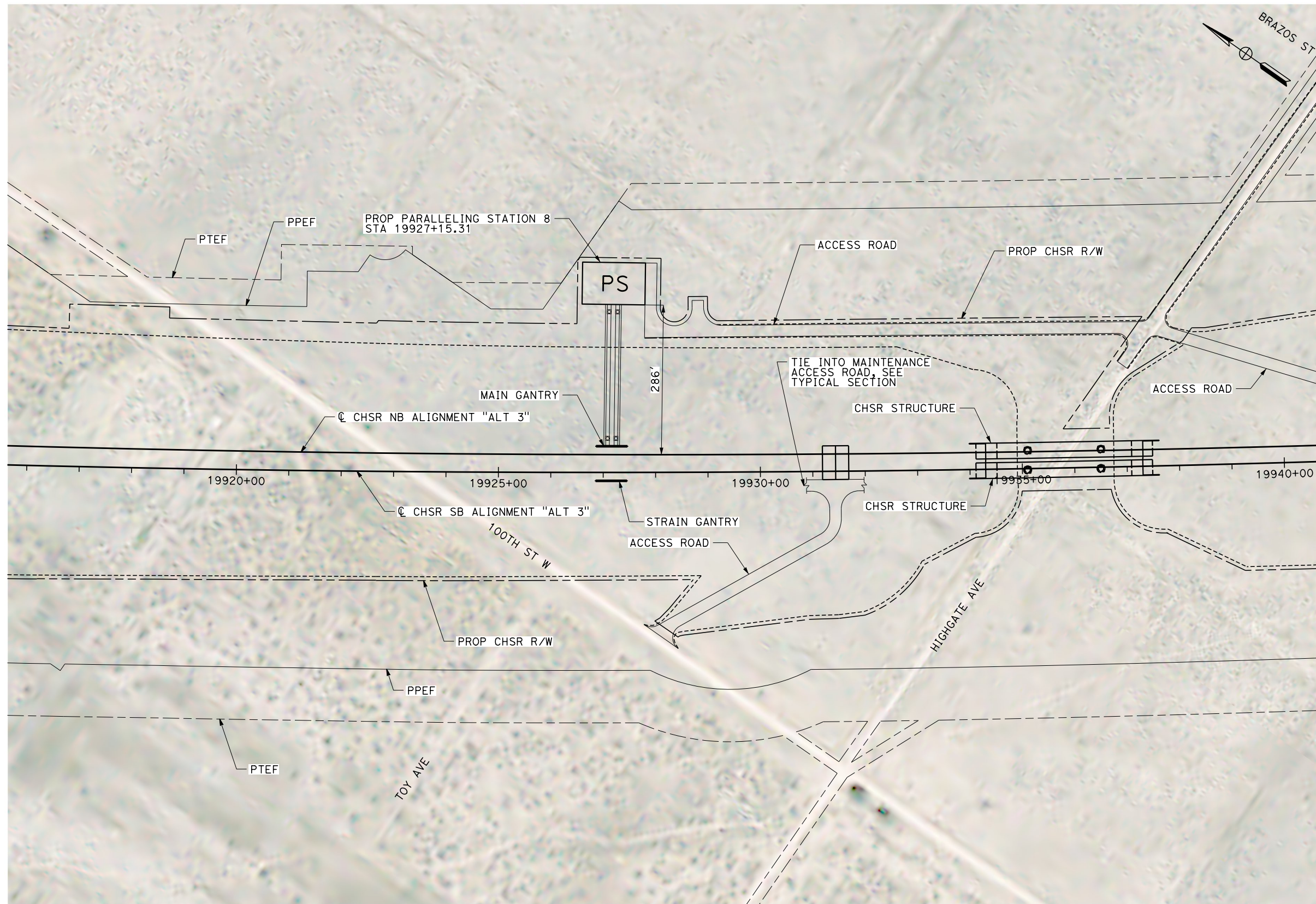


Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\TP\BP-TP-04154

9/28/2017 4:19:19 PM

9/28/2017 4:19:19 PM

OIC:ARIVEGA



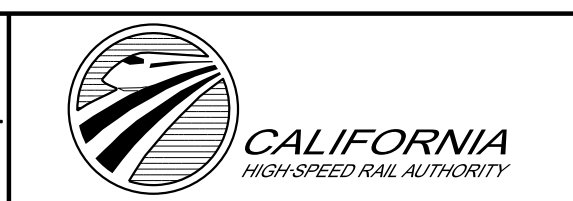
**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**E. REVOLORIO**  
CHECKED BY  
**J. SIHOTA**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
TRACTION POWER SITE PLAN  
PROPOSED PARALLELING STATION 8

CONTRACT NO.  
**HSR13-44**

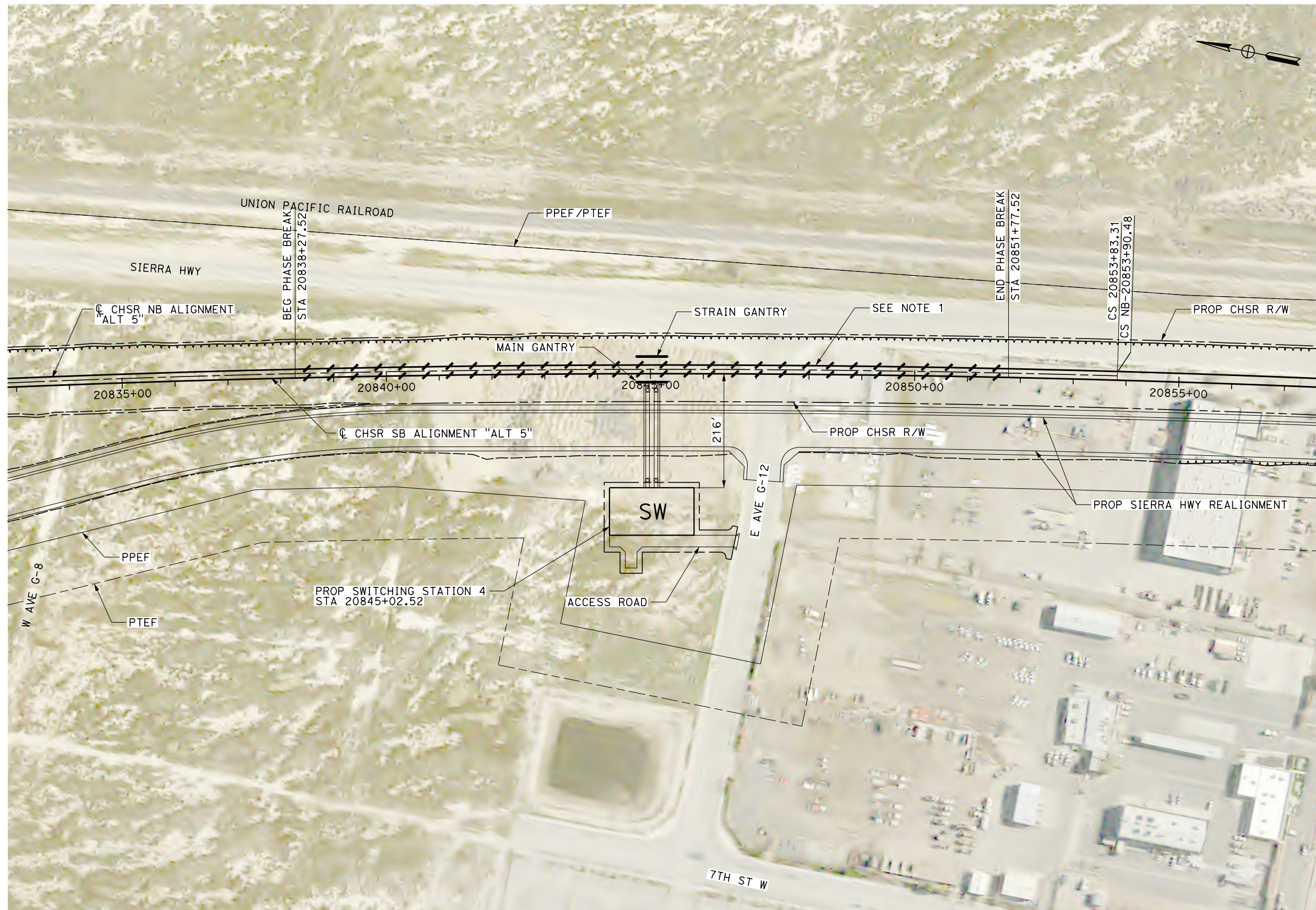
DRAWING NO.  
**TP-04154**

SCALE  
**AS SHOWN**

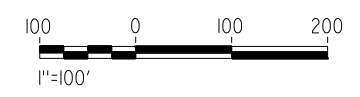
SHEET NO.



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\TP\BP-TP-04201  
 9/28/2017 4:16:09 PM  
 OIC:ARIVEGA



**NOTES**  
 1. PROPOSED TRACK GRADE THROUGH PHASE BREAK IS 0.25%.



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
 DRAWN BY  
**E. REVOLORIO**  
 CHECKED BY  
**J. SIHOTA**  
 IN CHARGE  
**S. SMITH**  
 DATE  
**10/31/2017**

**RECORD  
 PEPD  
 SUBMITTAL**  
  
**NOT FOR  
 CONSTRUCTION**

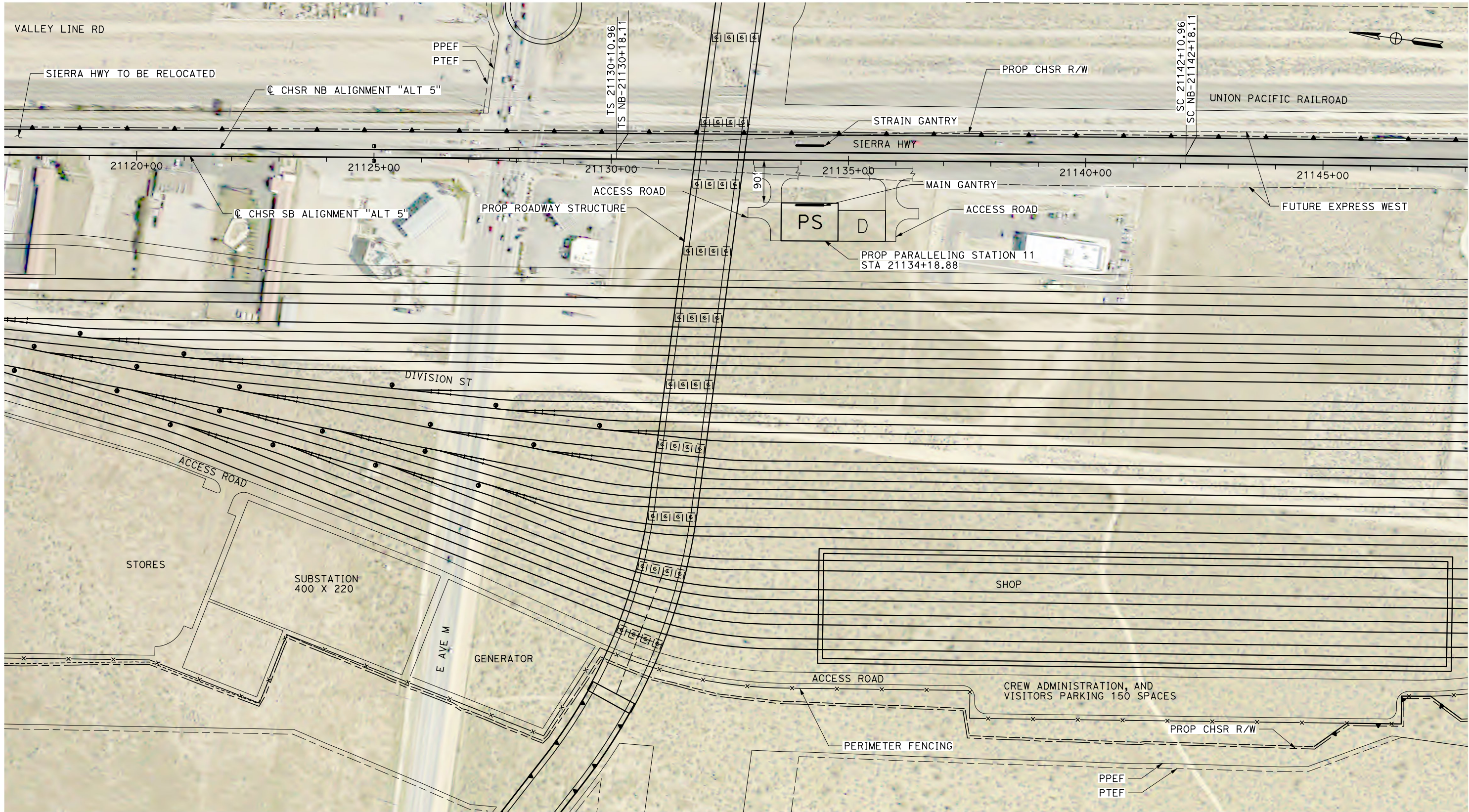


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
 ALTERNATIVE 5  
 TRACTION POWER SITE PLAN  
 PROPOSED SWITCHING STATION 4

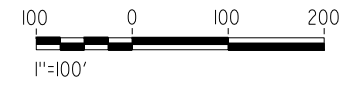
CONTRACT NO.  
 HSR13-44  
 DRAWING NO.  
 TP-04201  
 SCALE  
 AS SHOWN  
 SHEET NO.



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\TP\BP-TP-04202  
 9/28/2017 4:16:57 PM  
 OIC:ARivera



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
 DRAWN BY  
**E. REVOLORIO**  
 CHECKED BY  
**J. SIHOTA**  
 IN CHARGE  
**S. SMITH**  
 DATE  
**10/31/2017**

**RECORD  
 PECD  
 SUBMITTAL**  
  
**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
 ALTERNATIVE 5  
 TRACTION POWER SITE PLAN  
 PROPOSED PARALLELING STATION 11

CONTRACT NO.  
**HSR13-44**  
 DRAWING NO.  
**TP-04202**  
 SCALE  
**AS SHOWN**  
 SHEET NO.