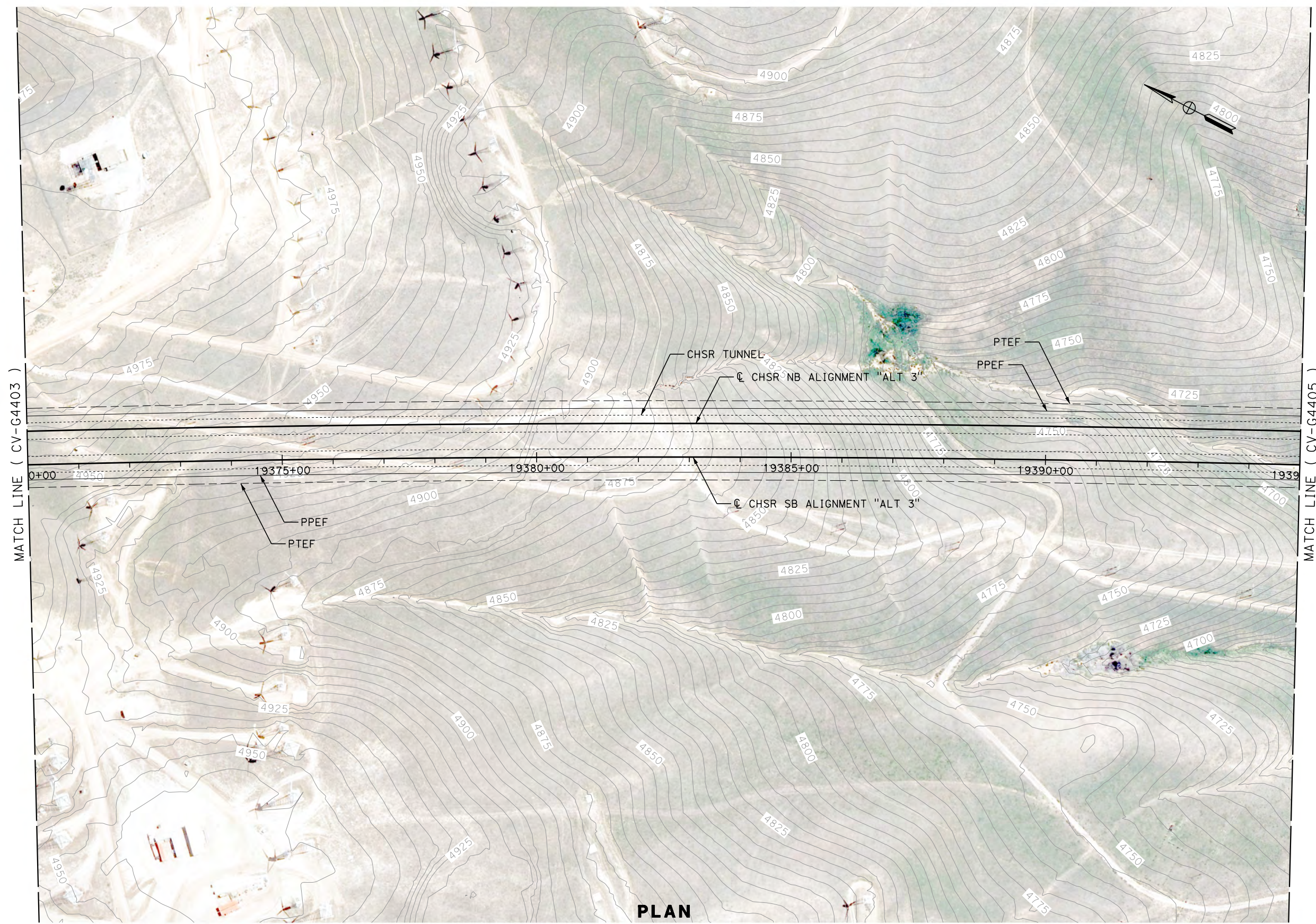
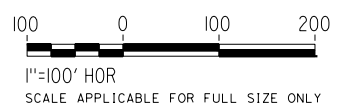


Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4404.dgn

OIC:Adodge 11/7/2017 10:22:42 PM



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

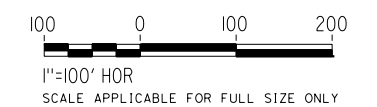
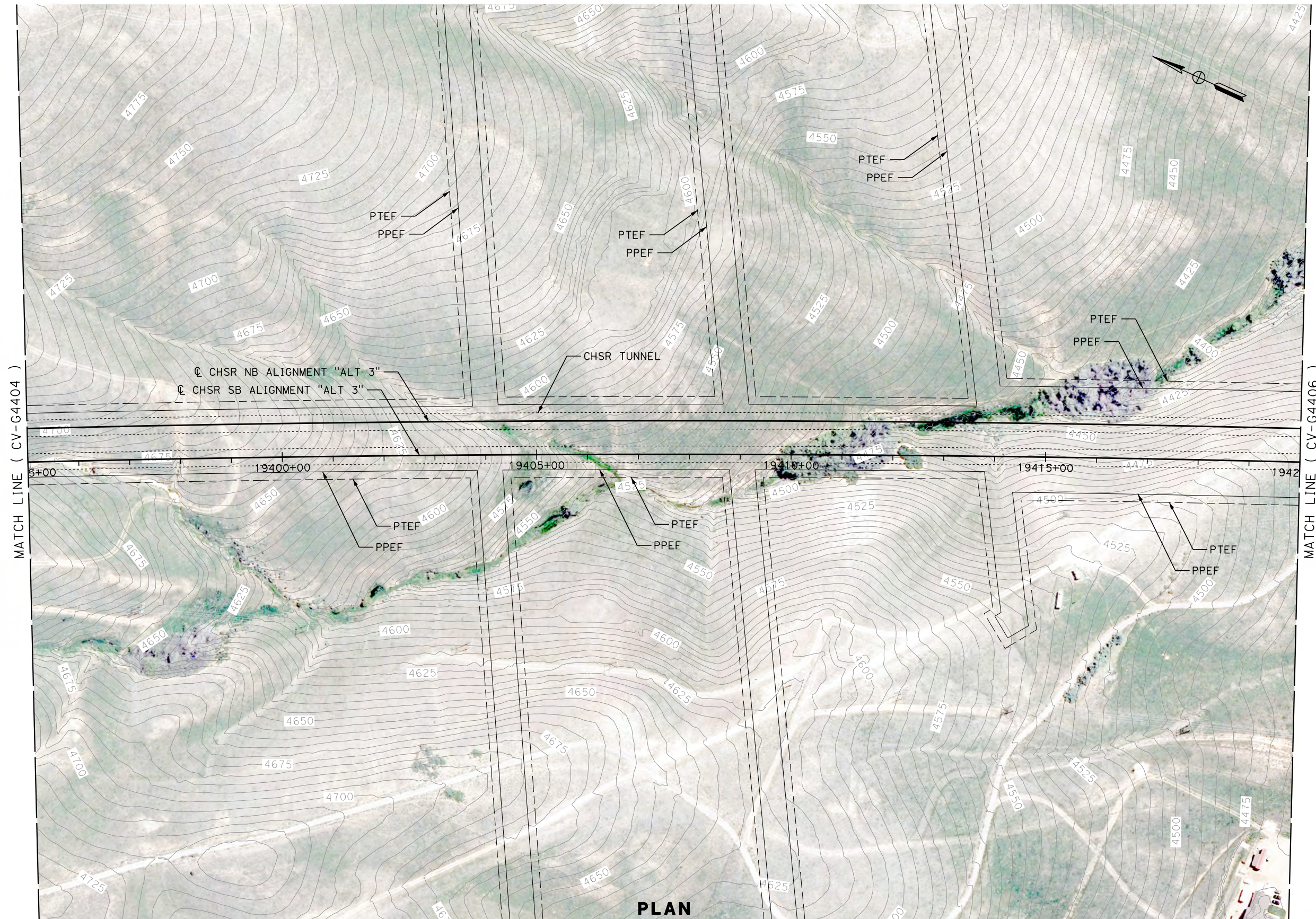
ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19370+00 TO 19395+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4404  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4405.dgn

OIC:Adodge 11/7/2017 10:22:53 PM



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DESIGNED BY  
**R. KRAFT**  
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**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

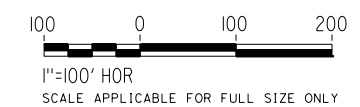
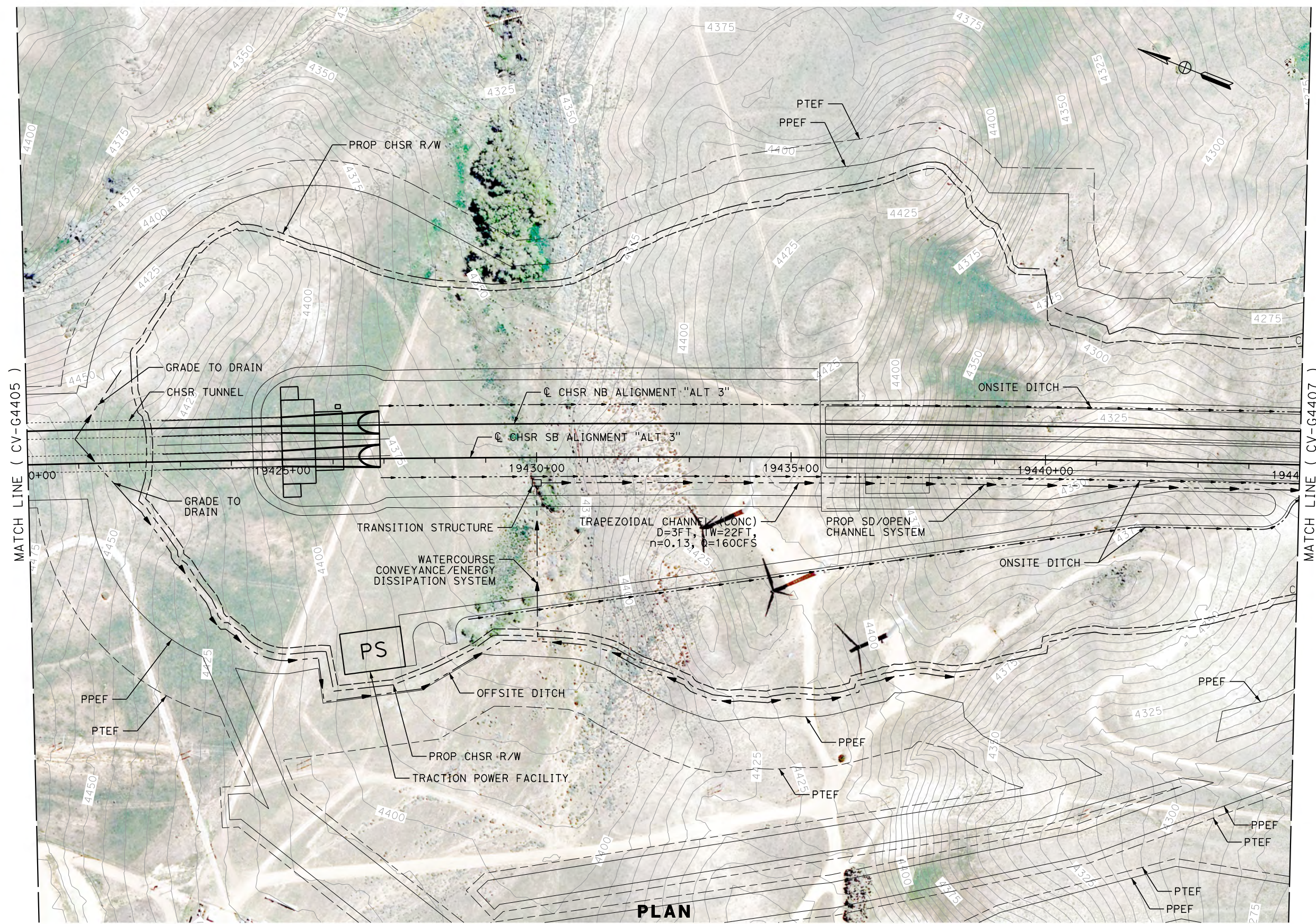
ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19395+00 TO 19420+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4405  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4406.dgn

11/7/2017 10:20:11 PM



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
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**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19420+00 TO 19445+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4406**

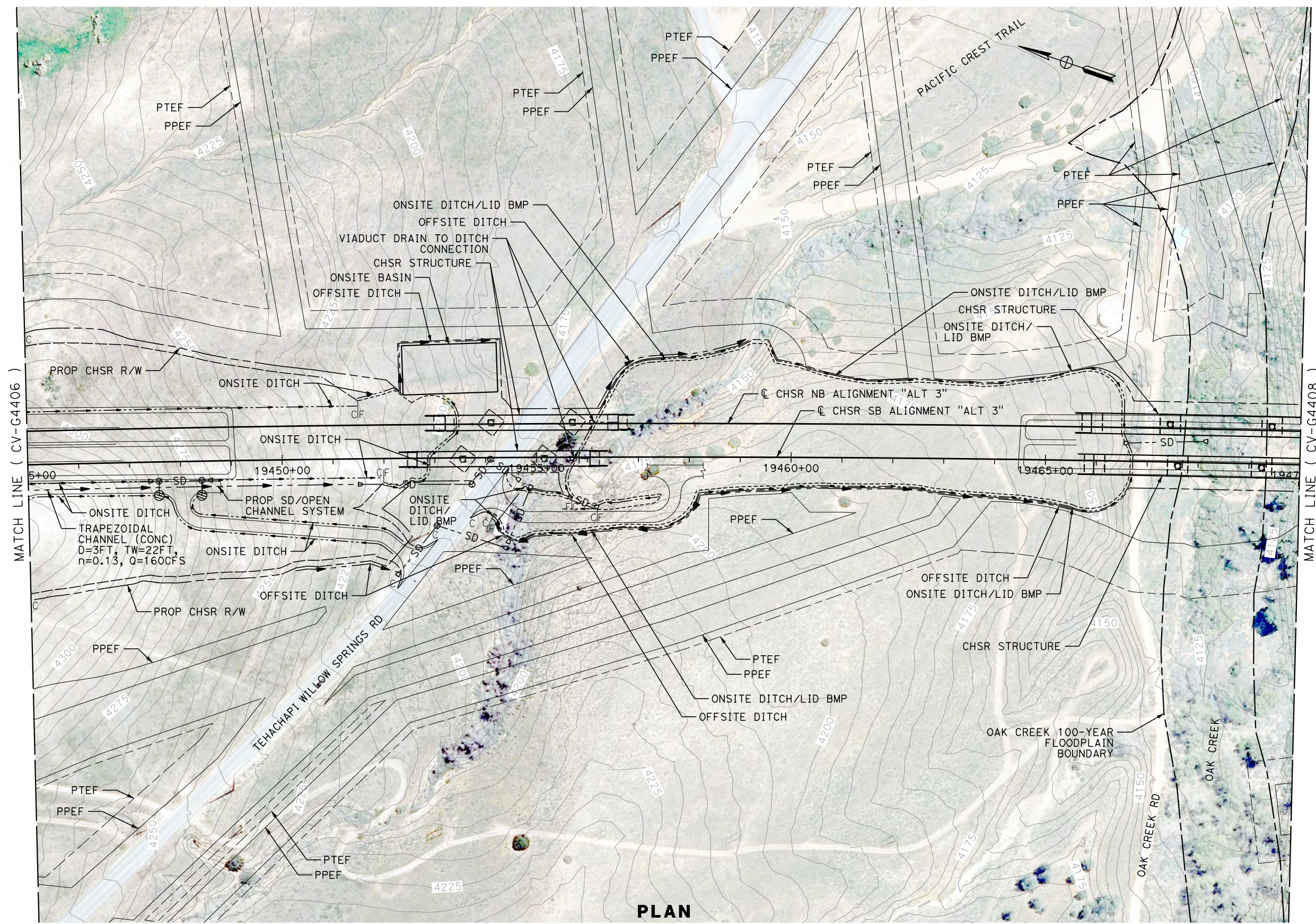
SCALE  
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SHEET NO.



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4407.dgn

11/7/2017 10:22:39 PM  
OIC:Adodge



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19445+00 TO 19470+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4407**

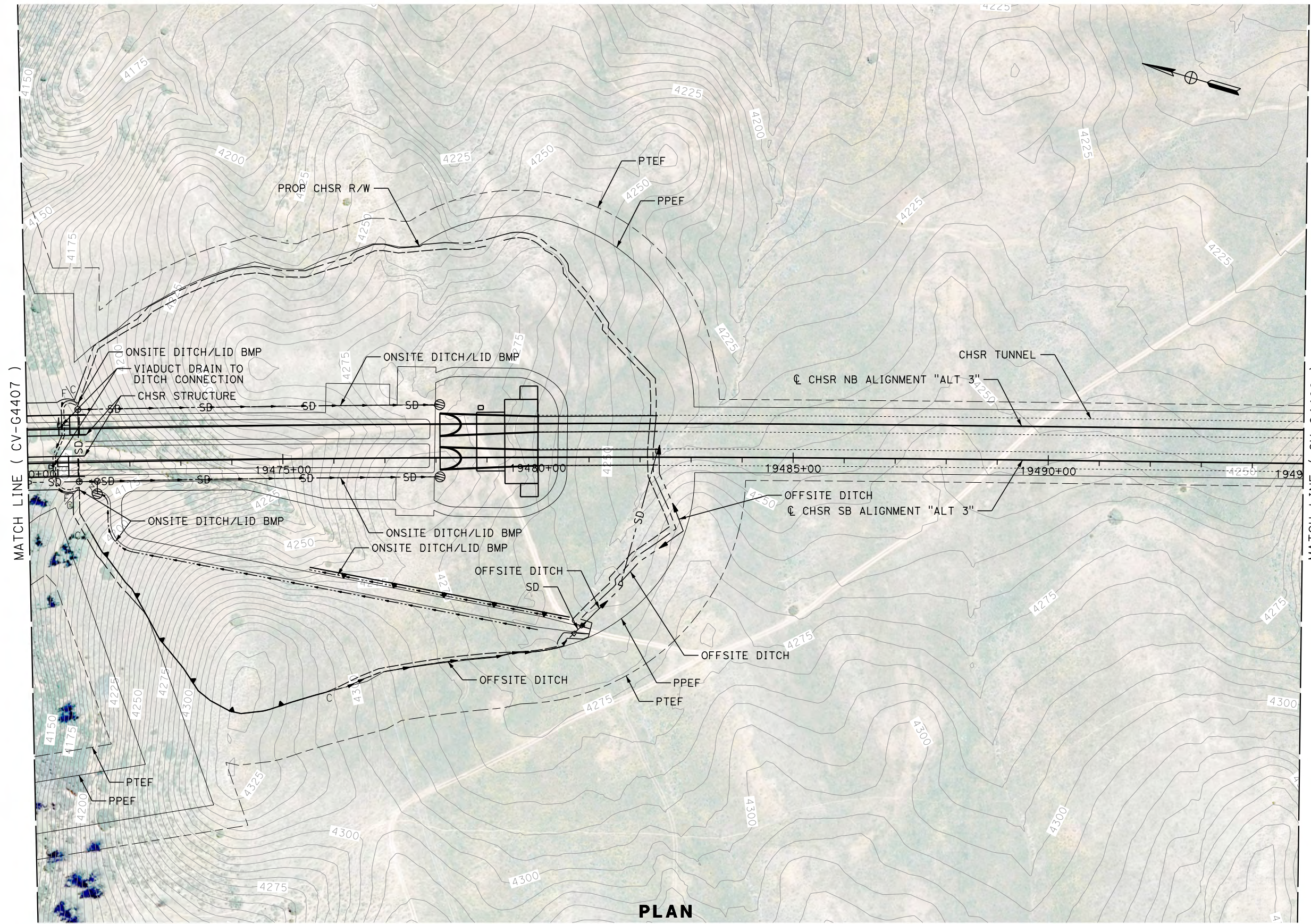
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SHEET NO.



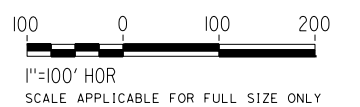
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MATCH LINE ( CV-G4407 )

MATCH LINE ( CV-G4409 )



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
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**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19470+00 TO 19495+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4408**

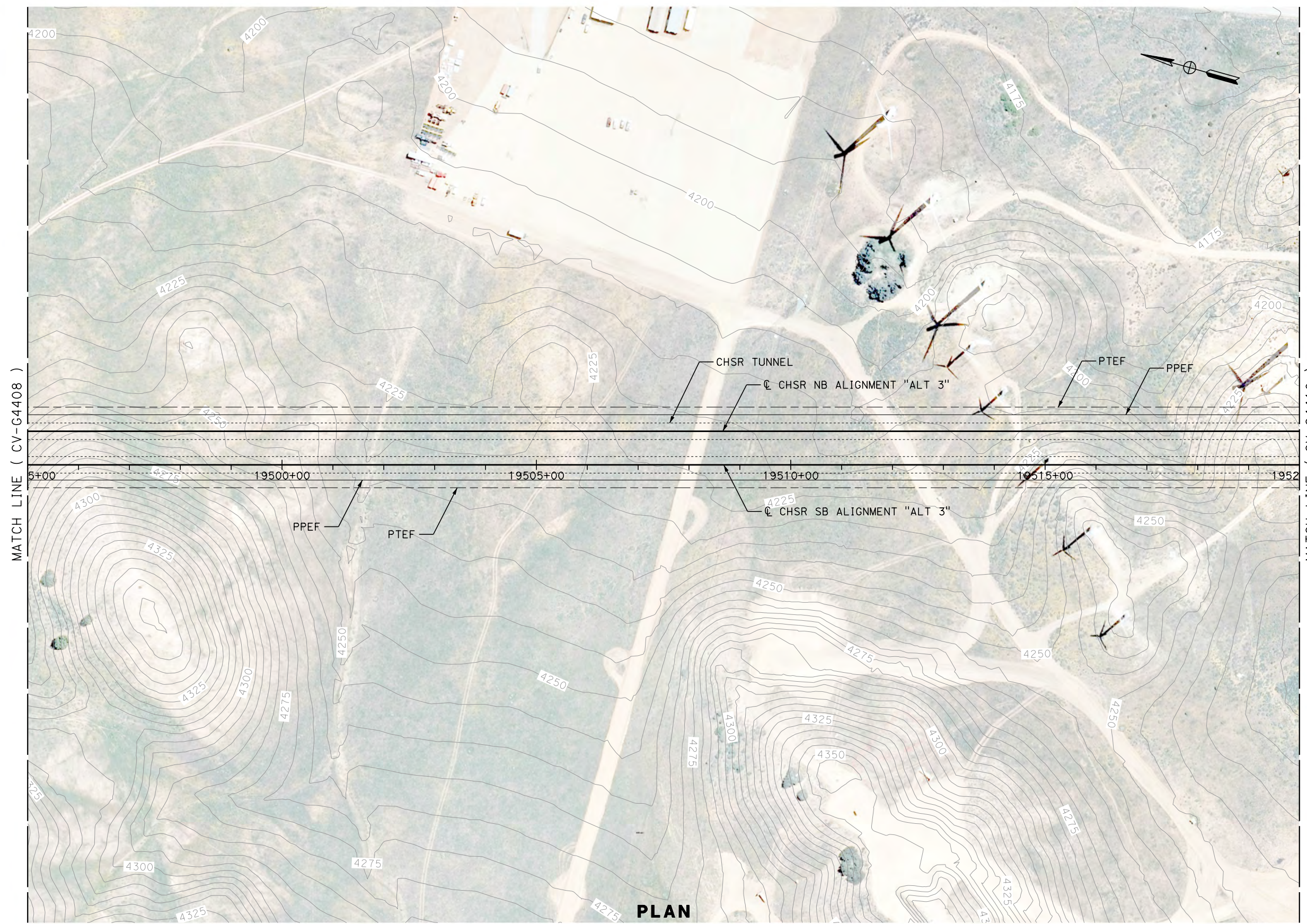
SCALE  
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SHEET NO.



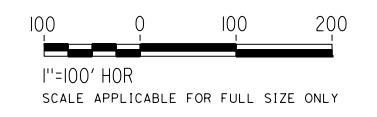
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OIC:Adodge 11/7/2017 10:18:52 PM



MATCH LINE ( CV-G4408 )

MATCH LINE ( CV-G4410 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
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**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19495+00 TO 19520+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4409  
SCALE  
AS SHOWN  
SHEET NO.



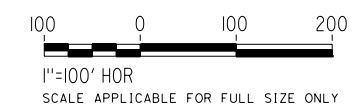
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OIC:Adodge 11/7/2017 10:25:02 PM



MATCH LINE ( CV-G4409 )

MATCH LINE ( CV-G4411 )



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
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DRAWN BY  
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**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

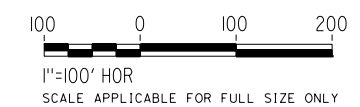
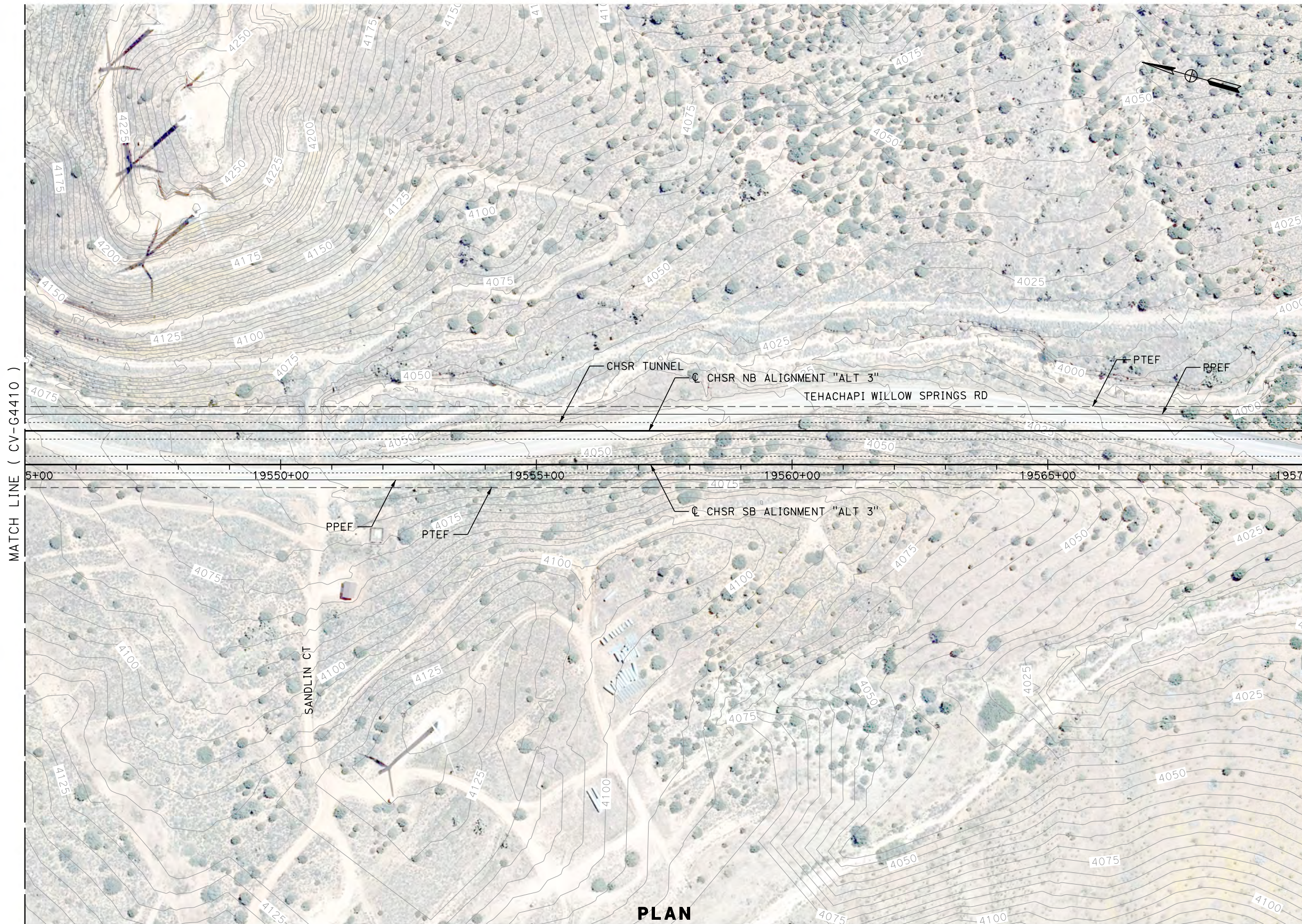
ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19520+00 TO 19545+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4410  
SCALE  
AS SHOWN  
SHEET NO.



Projects\T01206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\G\BP-CV-G4411.dgn

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**PLAN**

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DESIGNED BY  
**R. KRAFT**  
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**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19545+00 TO 19570+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4411**

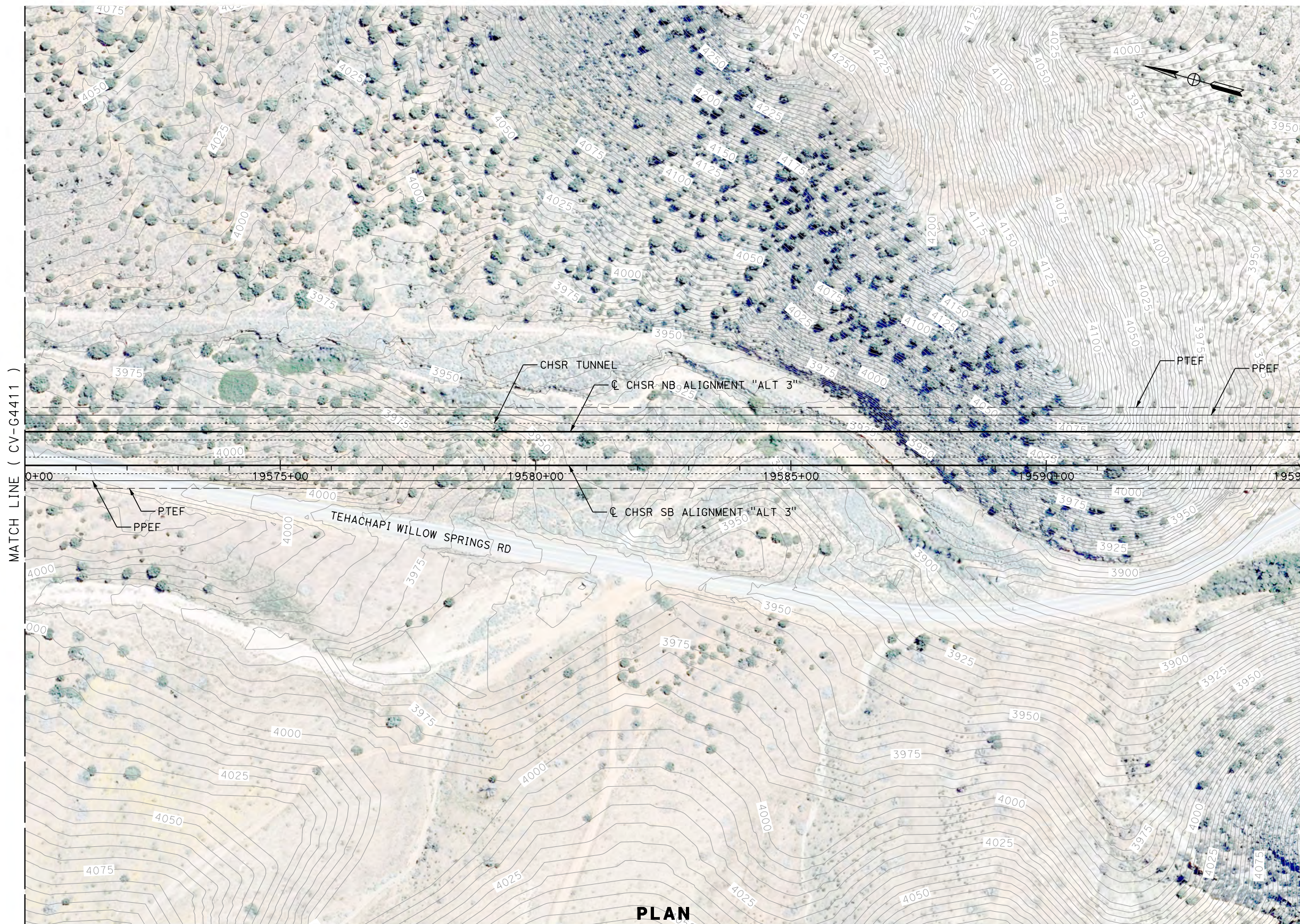
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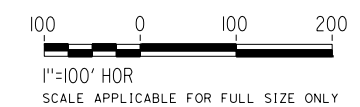
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MATCH LINE ( CV-G4411 )

MATCH LINE ( CV-G4413 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
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DRAWN BY  
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CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

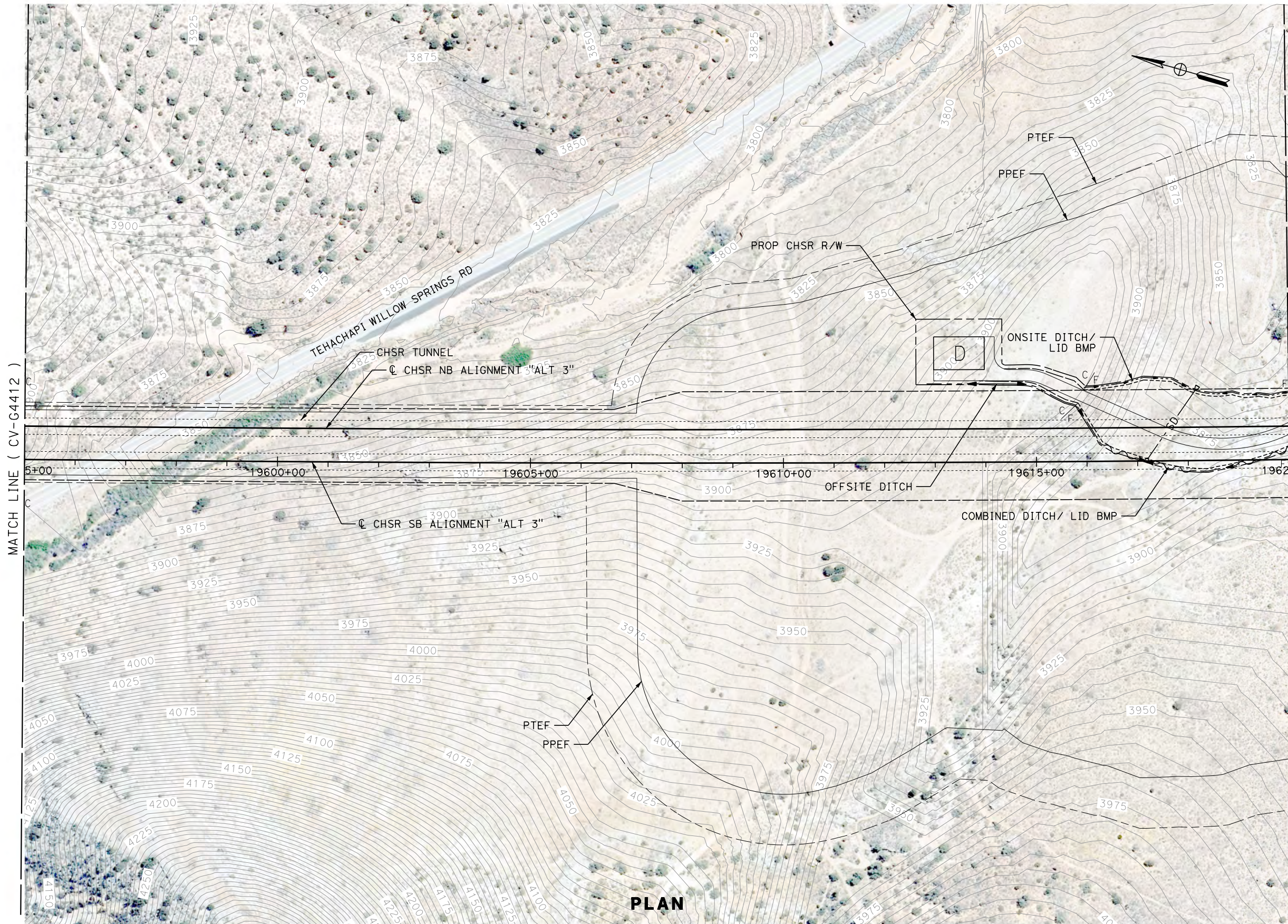


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19570+00 TO 19595+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4412  
SCALE  
AS SHOWN  
SHEET NO.

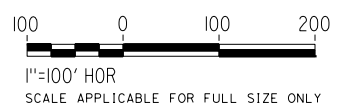




MATCH LINE ( CV-G4412 )

MATCH LINE ( CV-G4414 )

**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



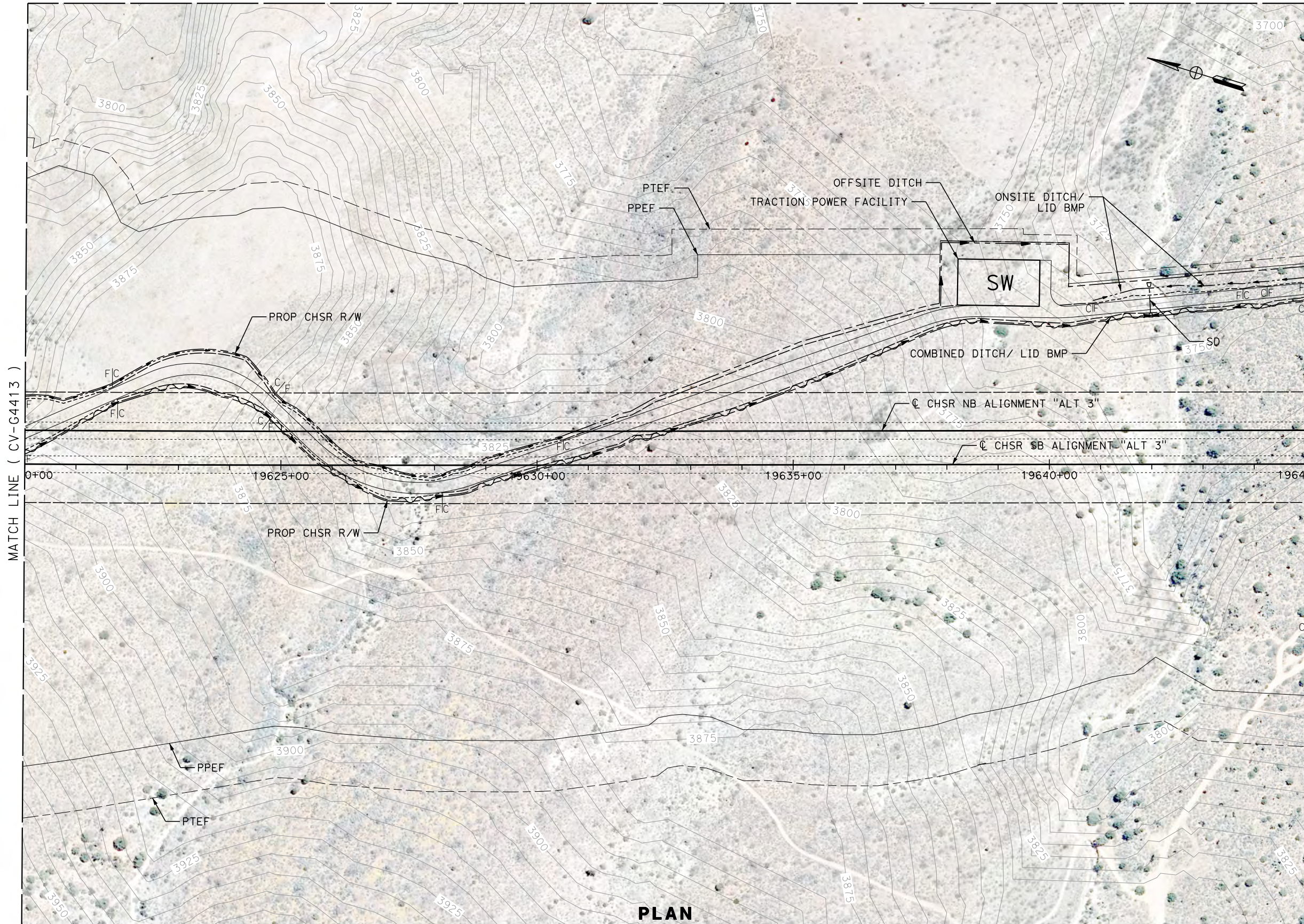
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19595+00 TO 19620+00  
PLAN

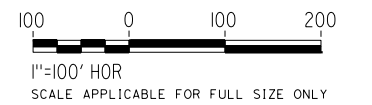
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**HSR13-44**  
DRAWING NO.  
**CV-G4413**  
SCALE  
**AS SHOWN**  
SHEET NO.



MATCH LINE ( CV-G4431 )



PLAN



Projects\01206\00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4414.dgn

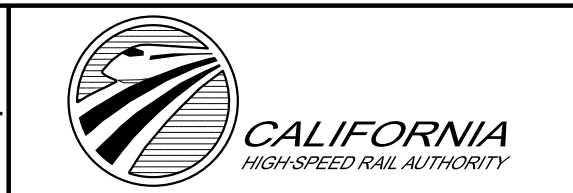
OIC:Adodge 11/7/2017 10:25:03 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



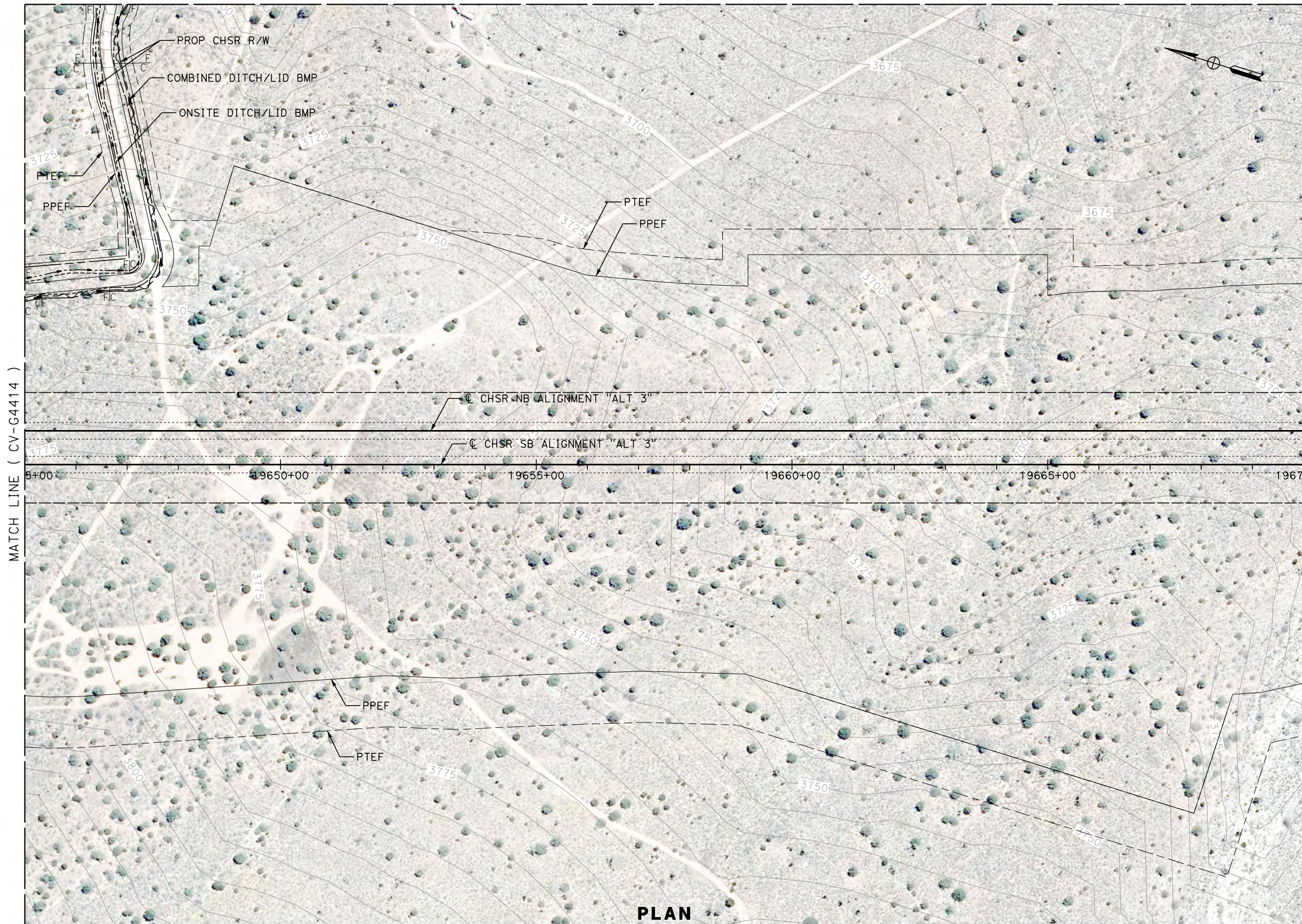
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19620+00 TO 19645+00  
PLAN

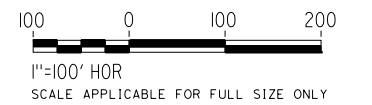
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HSR13-44  
DRAWING NO.  
CV-G4414  
SCALE  
AS SHOWN  
SHEET NO.



MATCH LINE ( CV-G4431 )



PLAN



Projects\T01206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\G\BP-CV-G4415.dgn

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
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DRAWN BY  
**A. CAROLINO**  
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**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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PEPD  
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**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19645+00 TO 19670+00  
PLAN

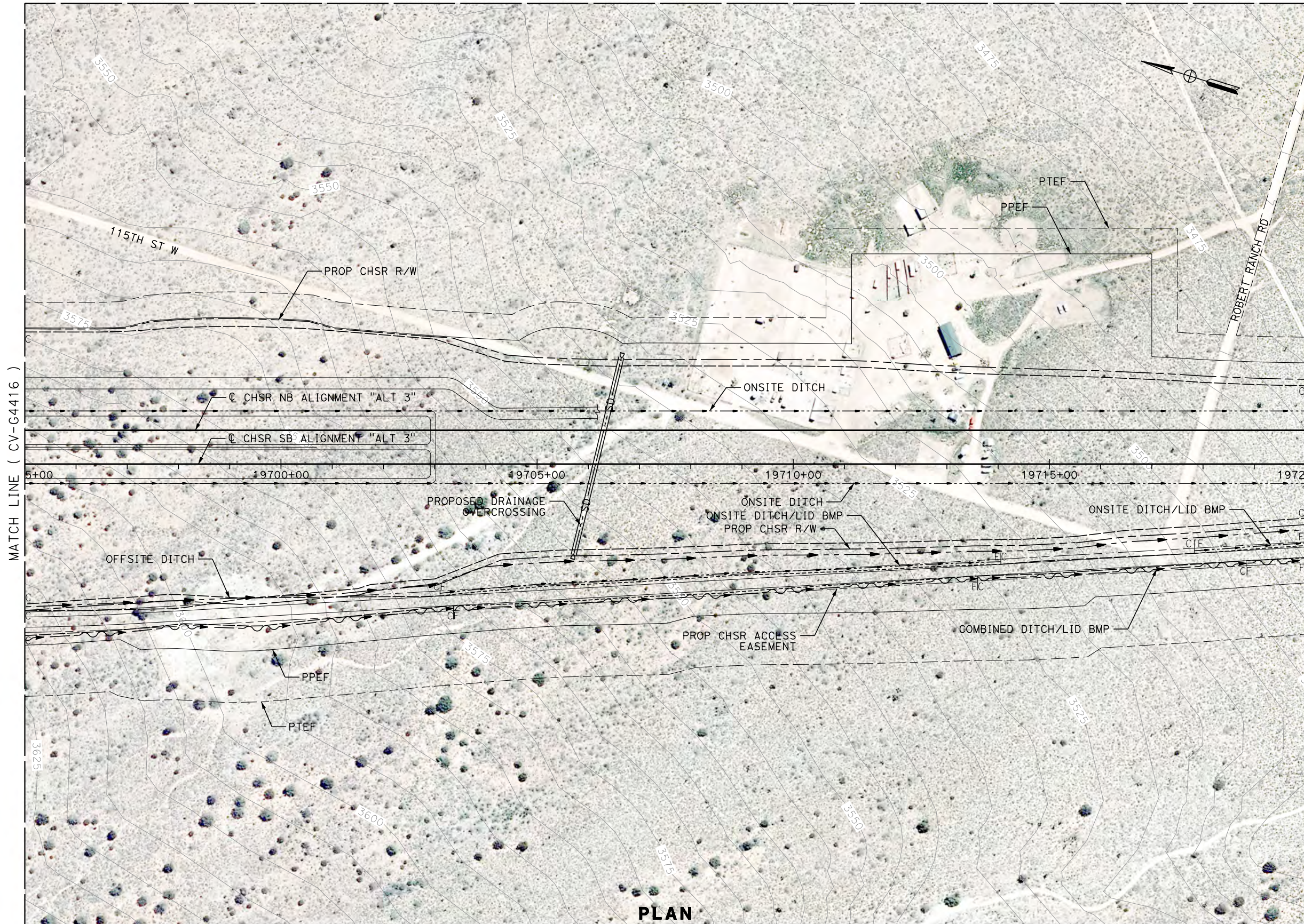
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HSR13-44  
DRAWING NO.  
CV-G4415  
SCALE  
AS SHOWN  
SHEET NO.





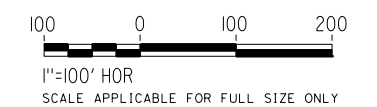


MATCH LINE ( CV-G4432 )



MATCH LINE ( CV-G4416 )

MATCH LINE ( CV-G4418 )



PLAN

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4417.dgn 11/7/2017 10:30:21 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

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CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19695+00 TO 19720+00  
PLAN

CONTRACT NO.  
**HSR13-44**

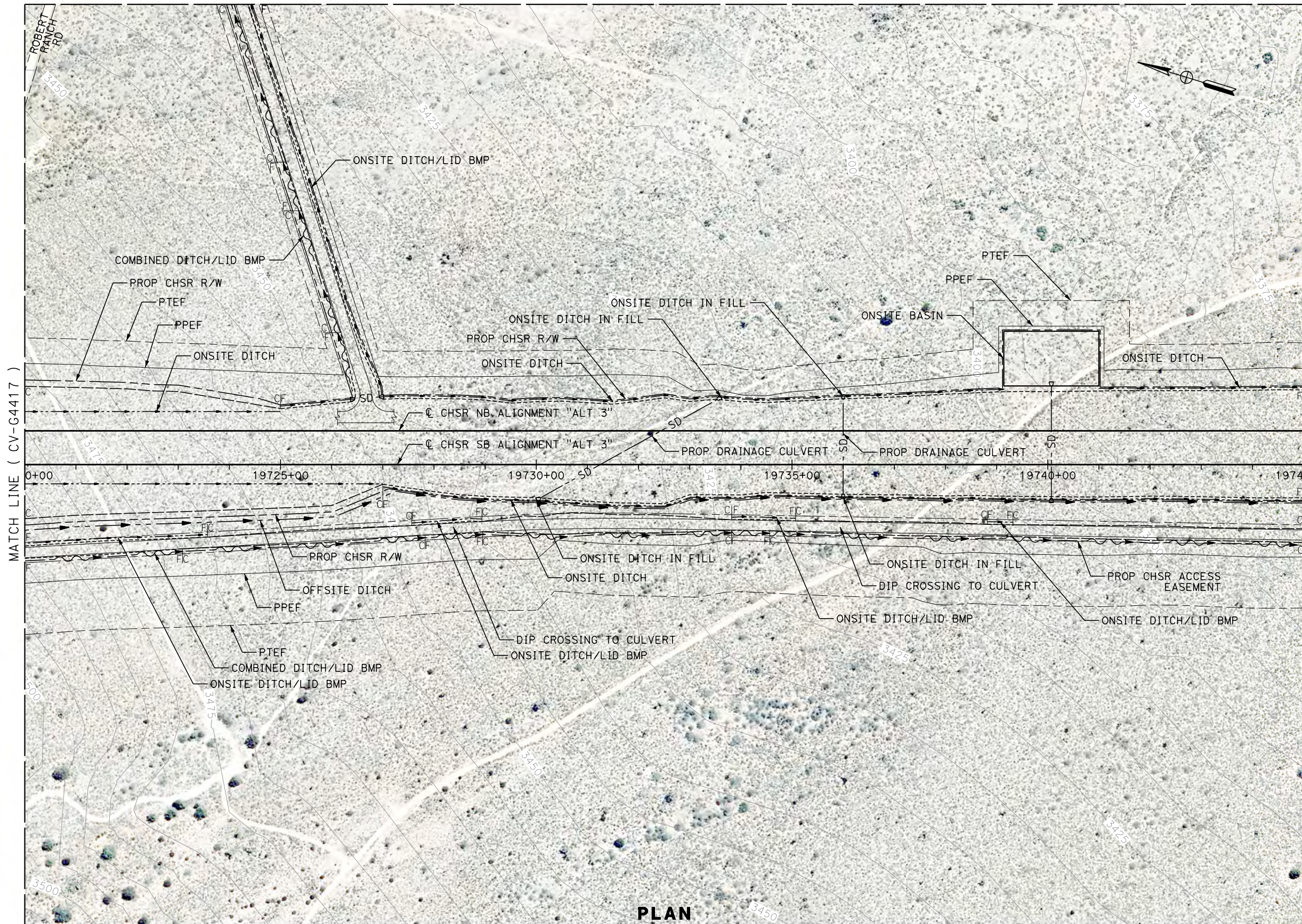
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SCALE  
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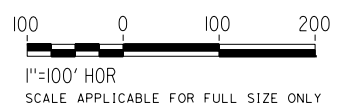
MATCH LINE ( CV-G4432 )



MATCH LINE ( CV-G4417 )

MATCH LINE ( CV-G4419 )

PLAN



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**

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**G. CAMPBELL**

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**S. SMITH**

DATE  
**10/31/2017**

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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19720+00 TO 19745+00  
PLAN

CONTRACT NO.  
HSR13-44

DRAWING NO.  
CV-G4418

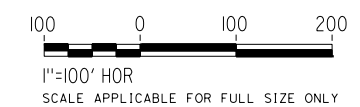
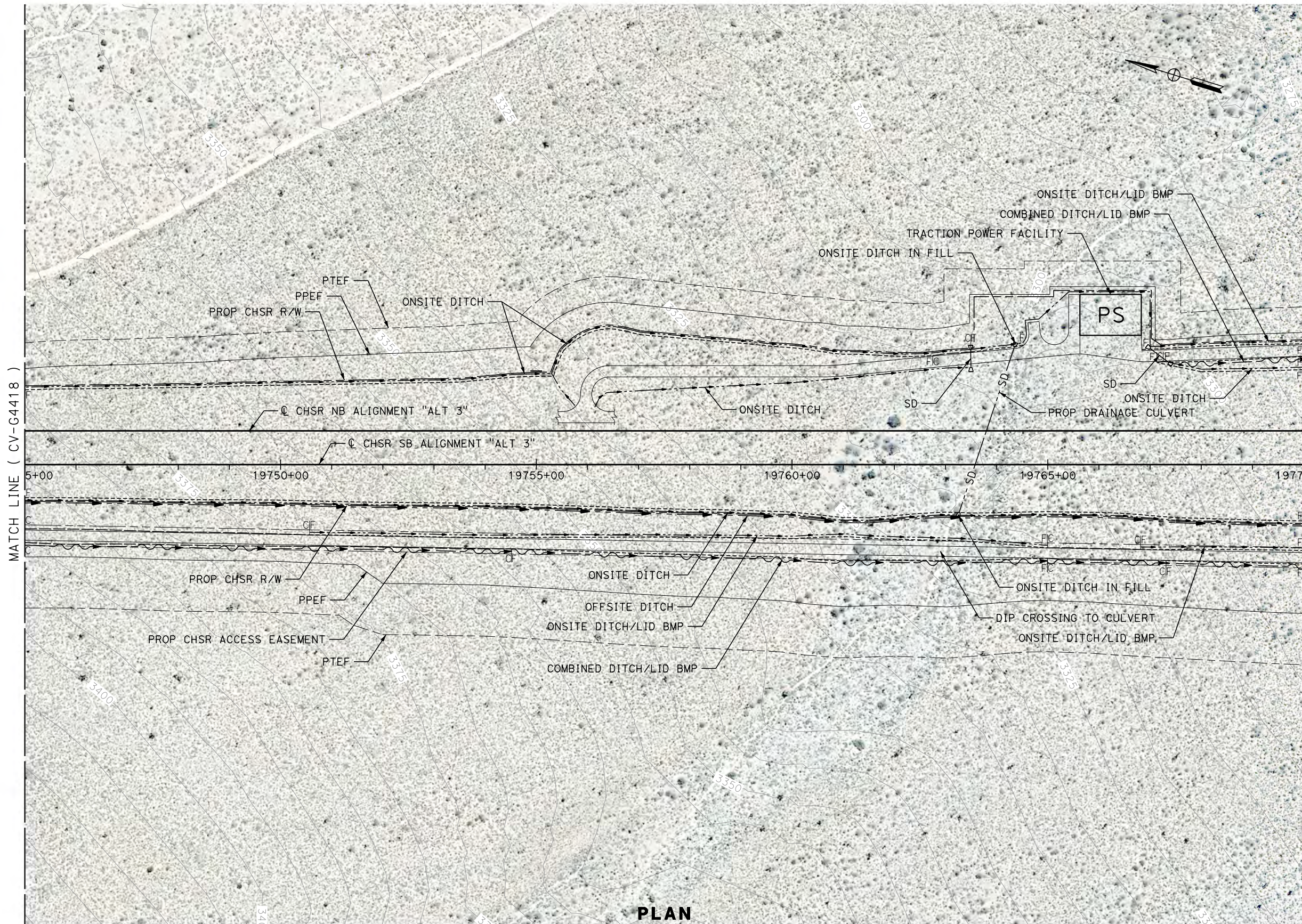
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SHEET NO.



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4419.dgn

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**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
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CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
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**10/31/2017**

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SUBMITTAL**

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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19745+00 TO 19770+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4419**

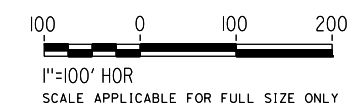
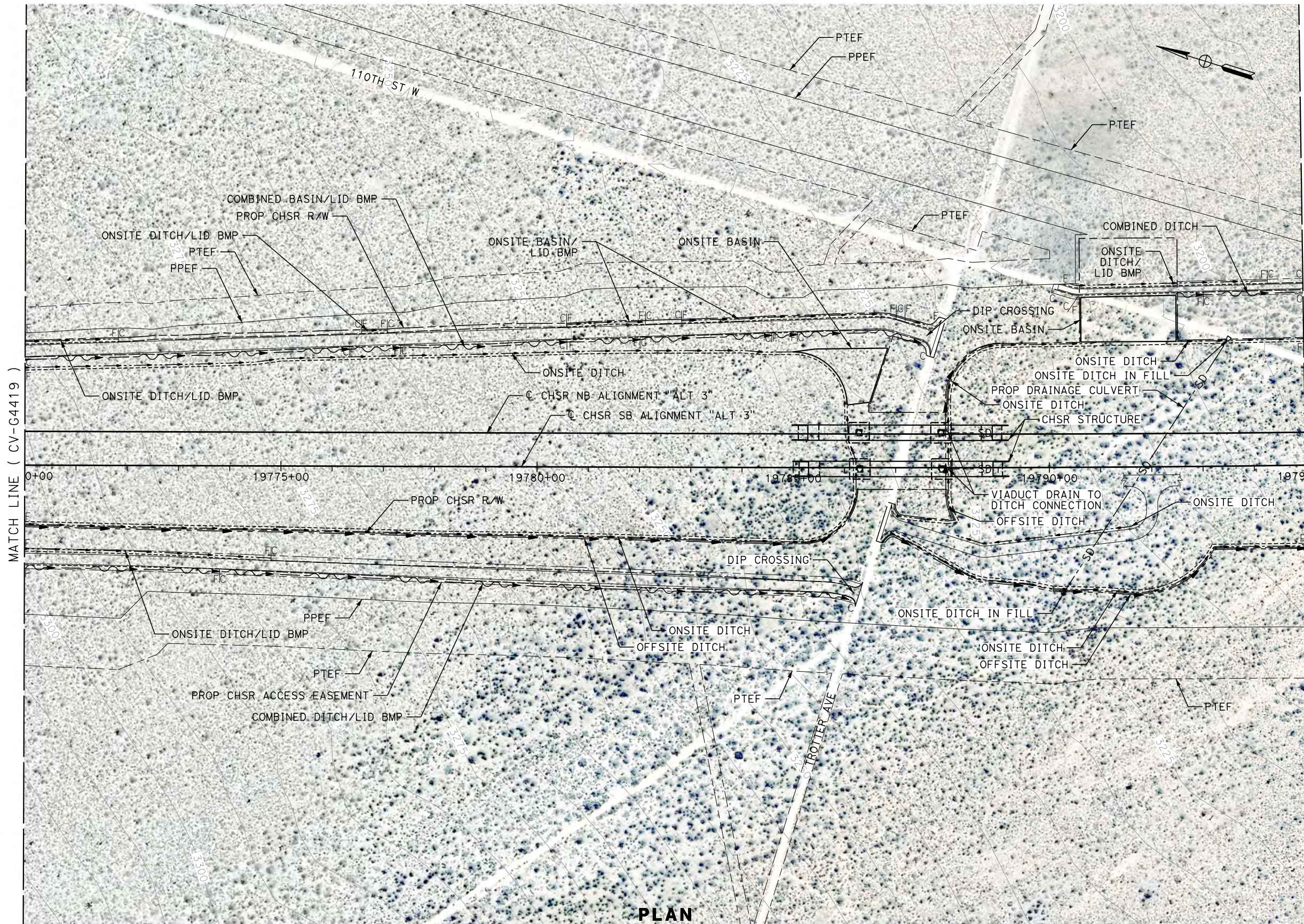
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SHEET NO.



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**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
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**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

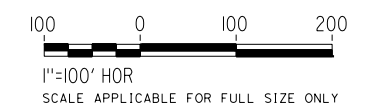
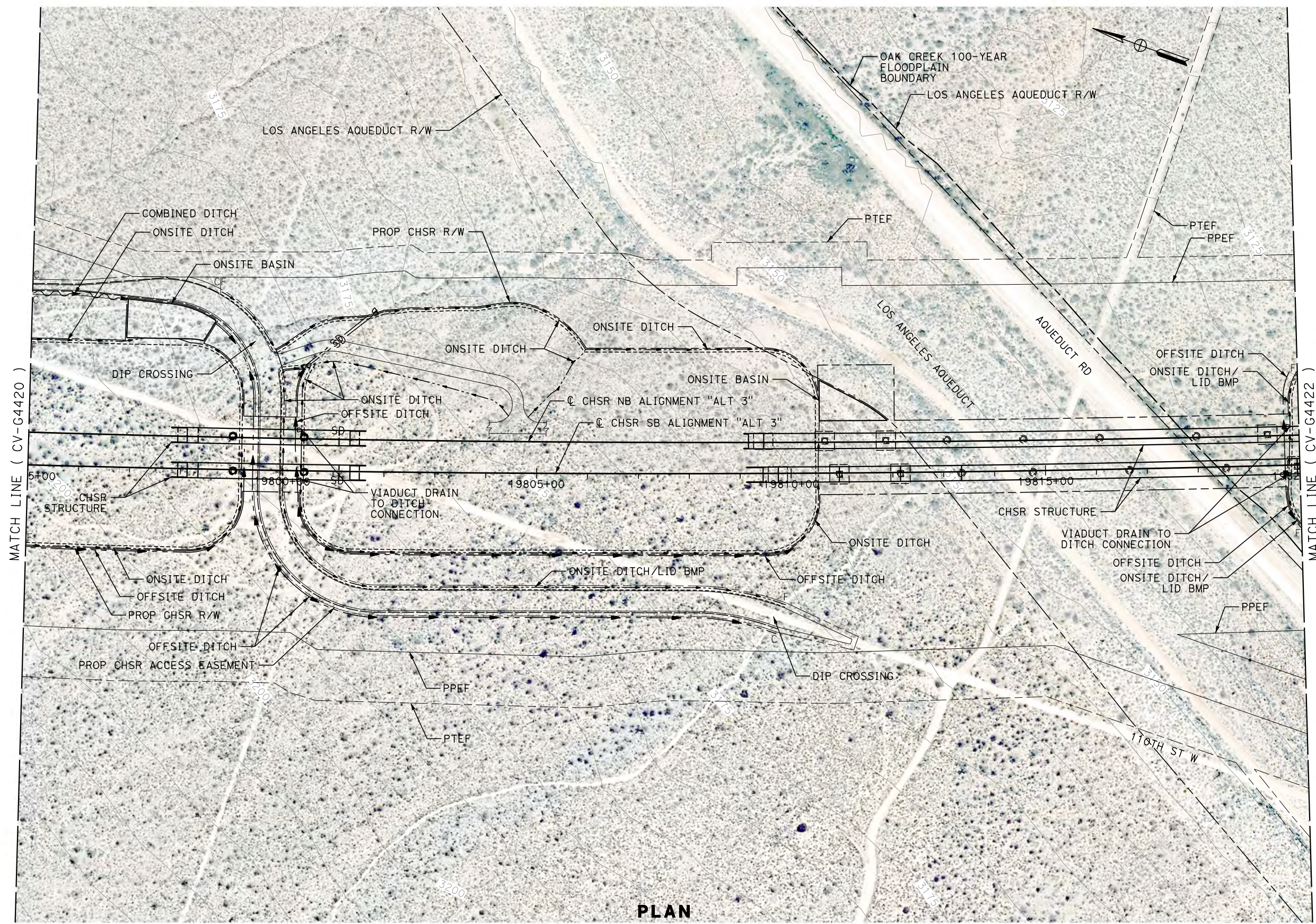
ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19770+00 TO 19795+00  
PLAN

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**CV-G4420**  
SCALE  
**AS SHOWN**  
SHEET NO.



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11/7/2017 10:26:36 PM



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
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**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19795+00 TO 19820+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4421**

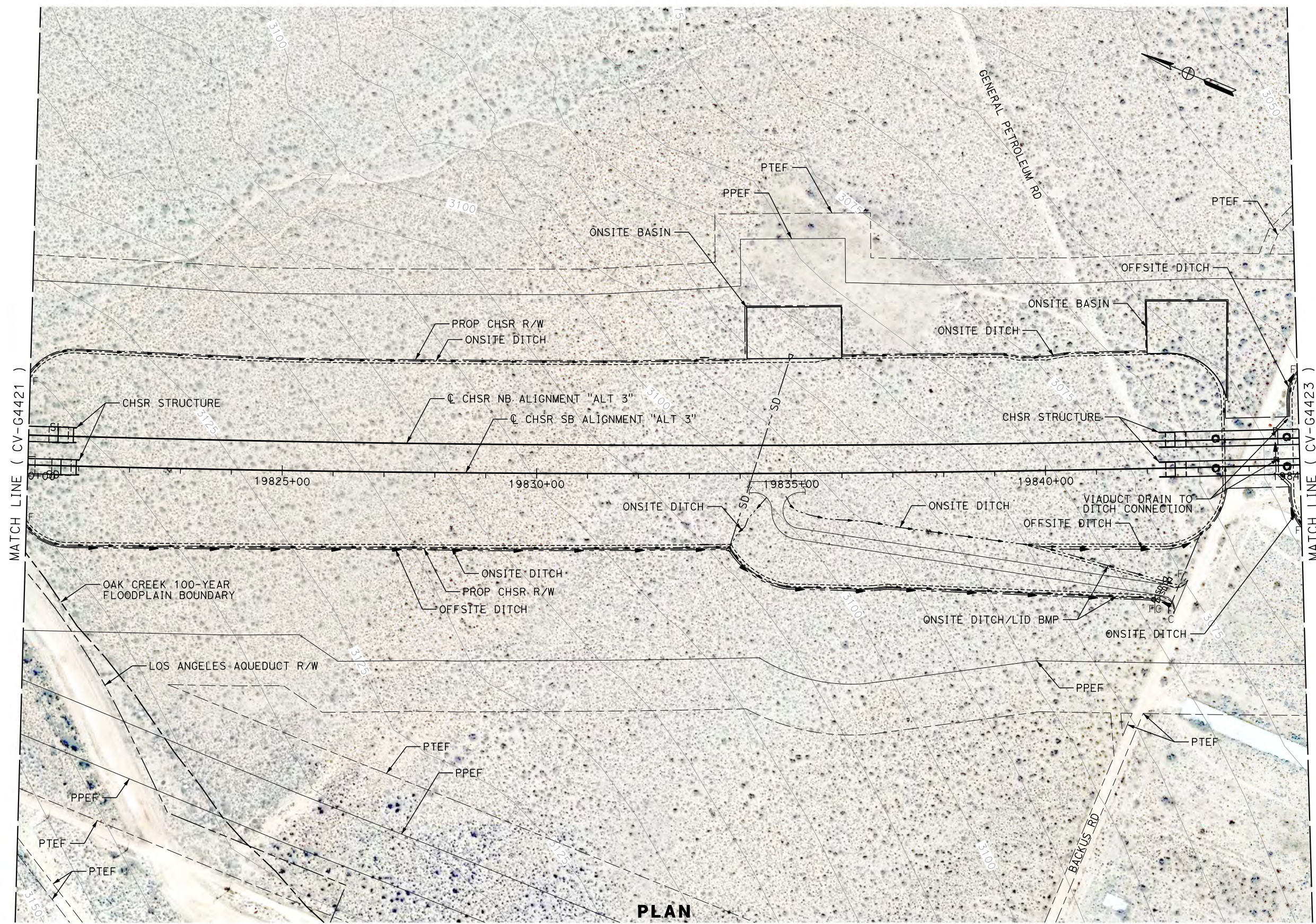
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SHEET NO.

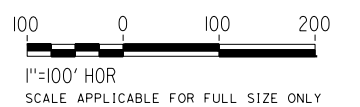


Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4422.dgn

OIC:Adodge 11/7/2017 10:29:03 PM



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19820+00 TO 19845+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4422**

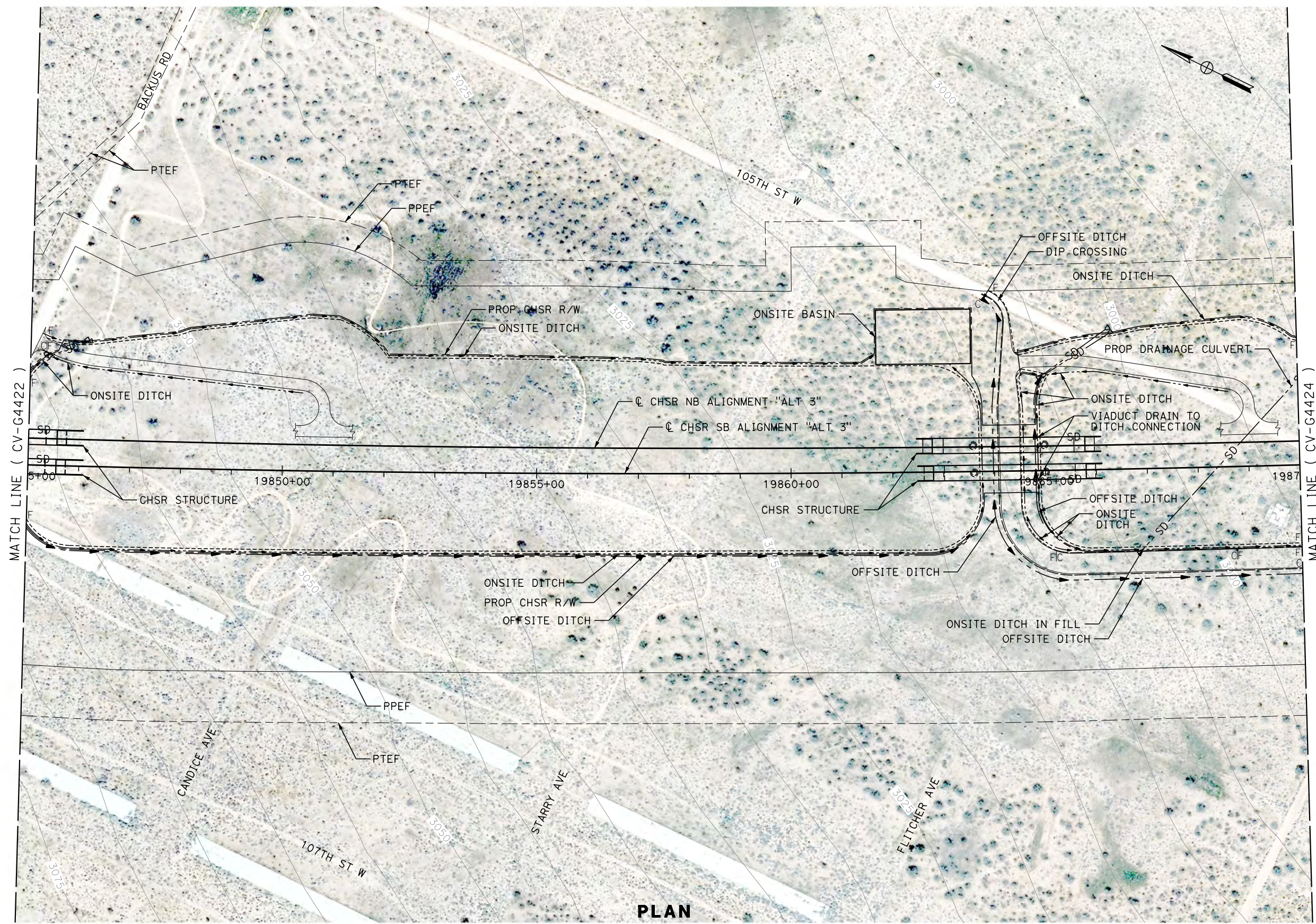
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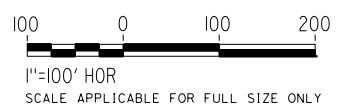


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OIC:Adodge 11/7/2017 10:34:10 PM



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19845+00 TO 19870+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4423**

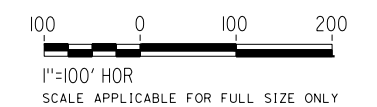
SCALE  
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SHEET NO.



Projects\T01206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\ANG\BP-CV-G4424.dgn

OIC:ADodge 11/7/2017 10:27:29 PM



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19870+00 TO 19895+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4424**

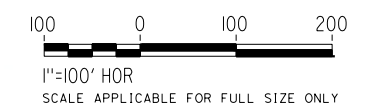
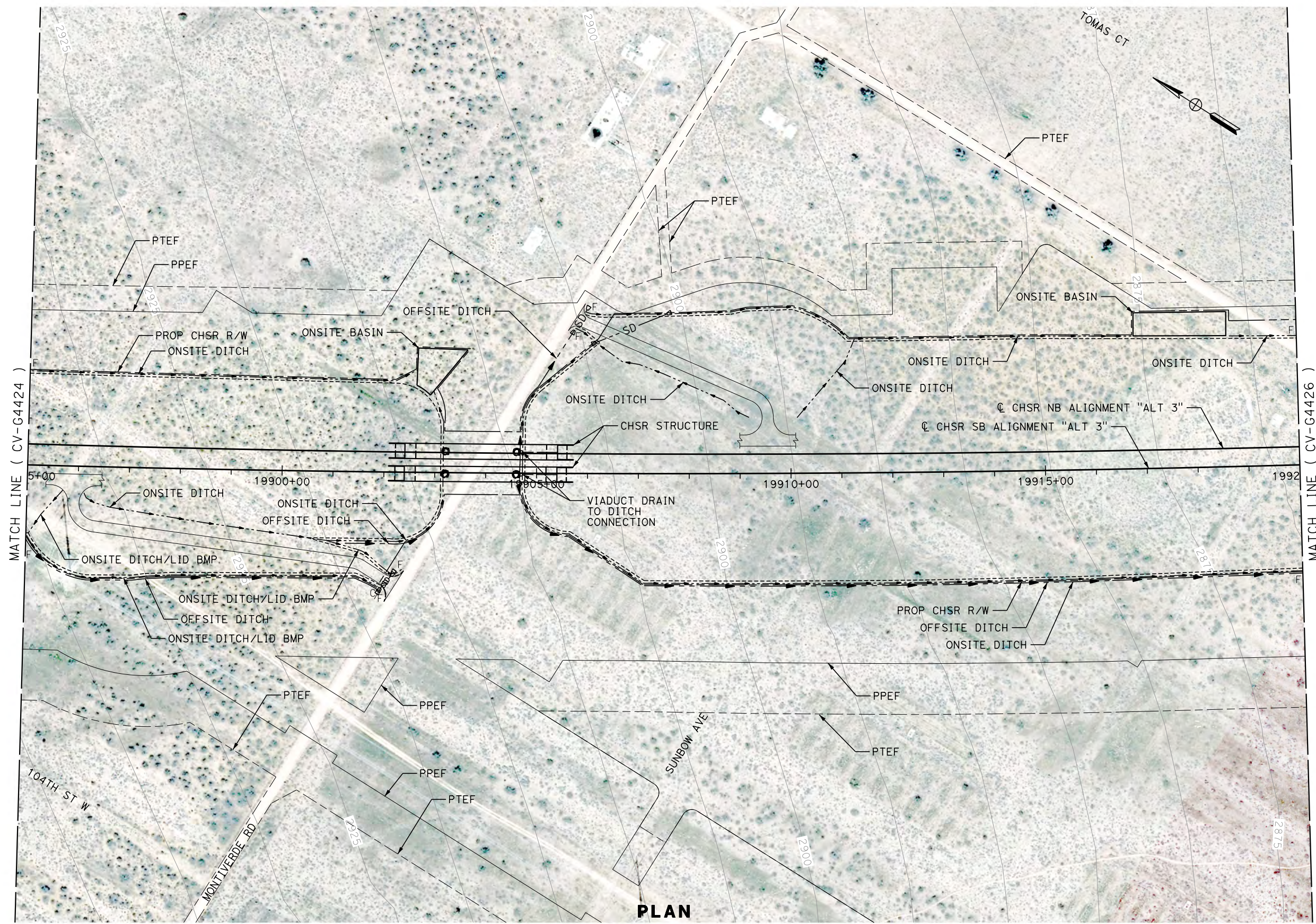
SCALE  
**AS SHOWN**

SHEET NO.



Projects\T01206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4425.dgn

11/7/2017 10:34:58 PM  
OIC:ADodge



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



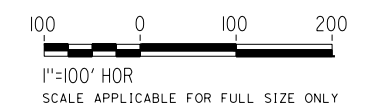
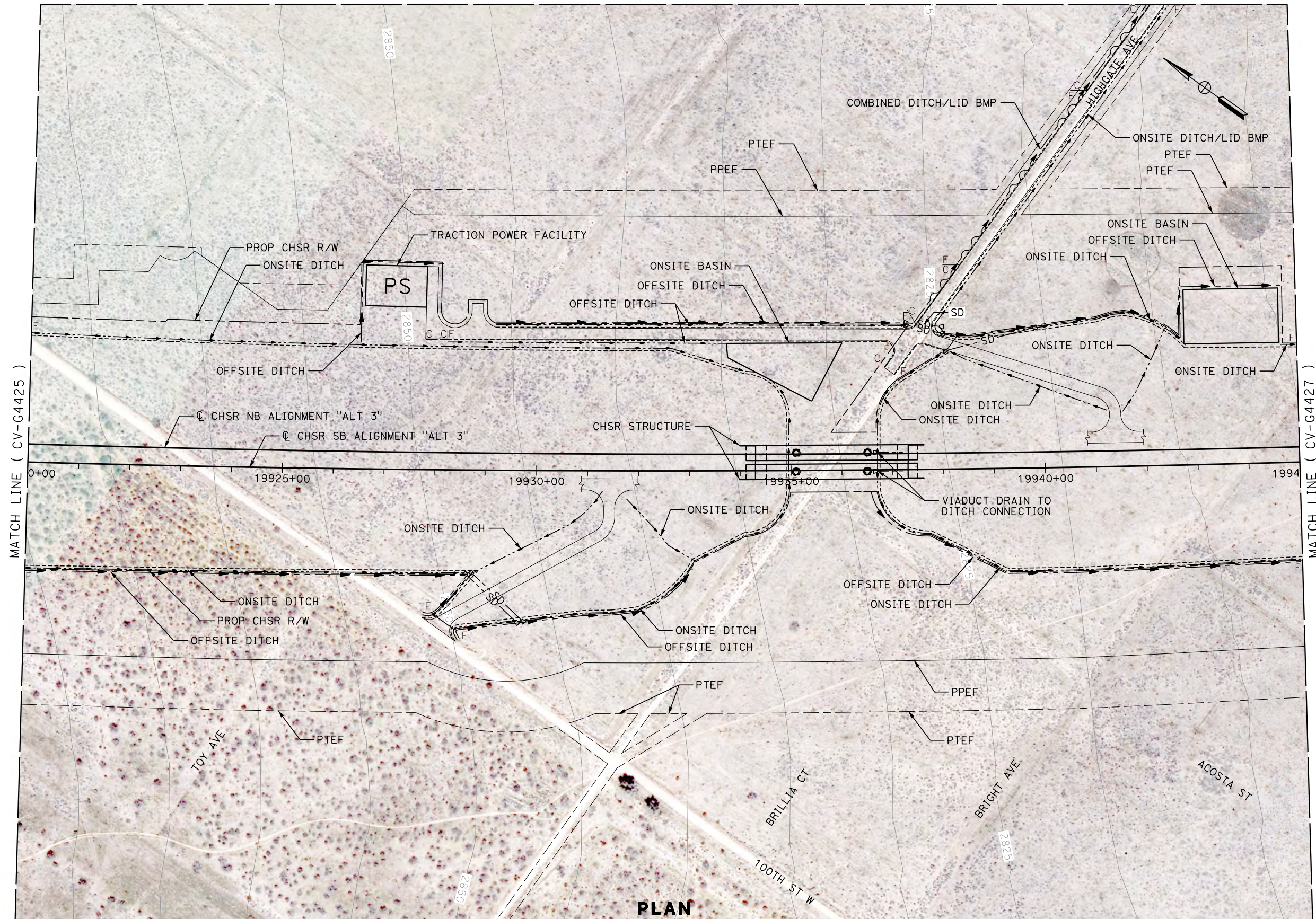
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19895+00 TO 19920+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4425  
SCALE  
AS SHOWN  
SHEET NO.



MATCH LINE ( CV-G4435 )



**PLAN**

Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4426.dgn  
 OIC:Adodge 11/8/2017 12:38:15 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
 DRAWN BY  
**A. CAROLINO**  
 CHECKED BY  
**G. CAMPBELL**  
 IN CHARGE  
**S. SMITH**  
 DATE  
**10/31/2017**

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



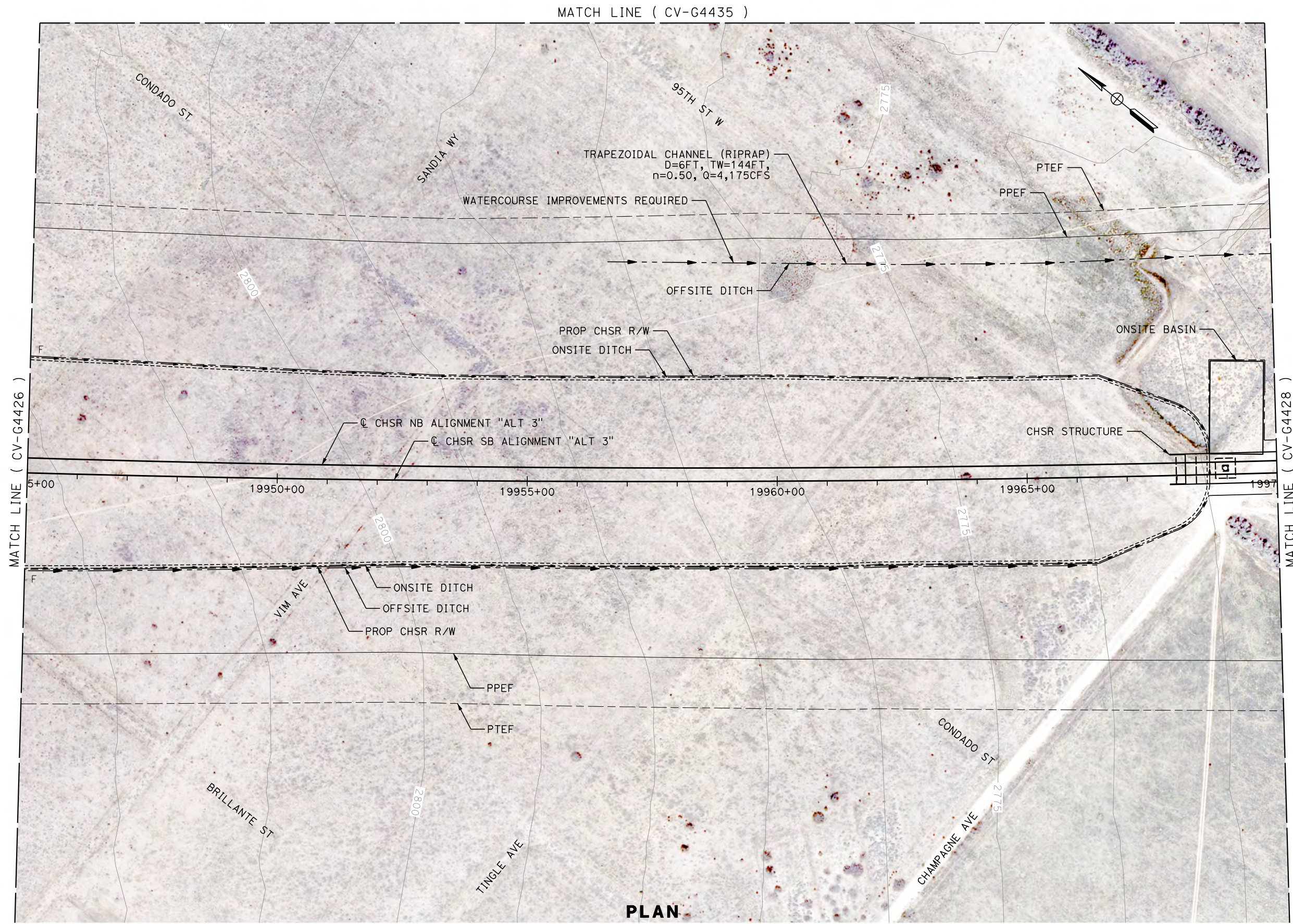
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
 ALTERNATIVE 3  
 GRADING AND DRAINAGE  
 STA. 19920+00 TO 19945+00  
 PLAN

CONTRACT NO.  
**HSR13-44**  
 DRAWING NO.  
**CV-G4426**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

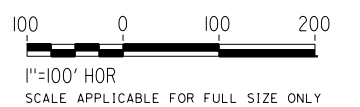


Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4427.dgn

OIC:ADodge 11/7/2017 10:27:10 PM



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

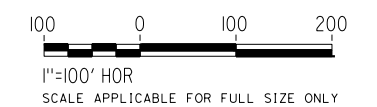
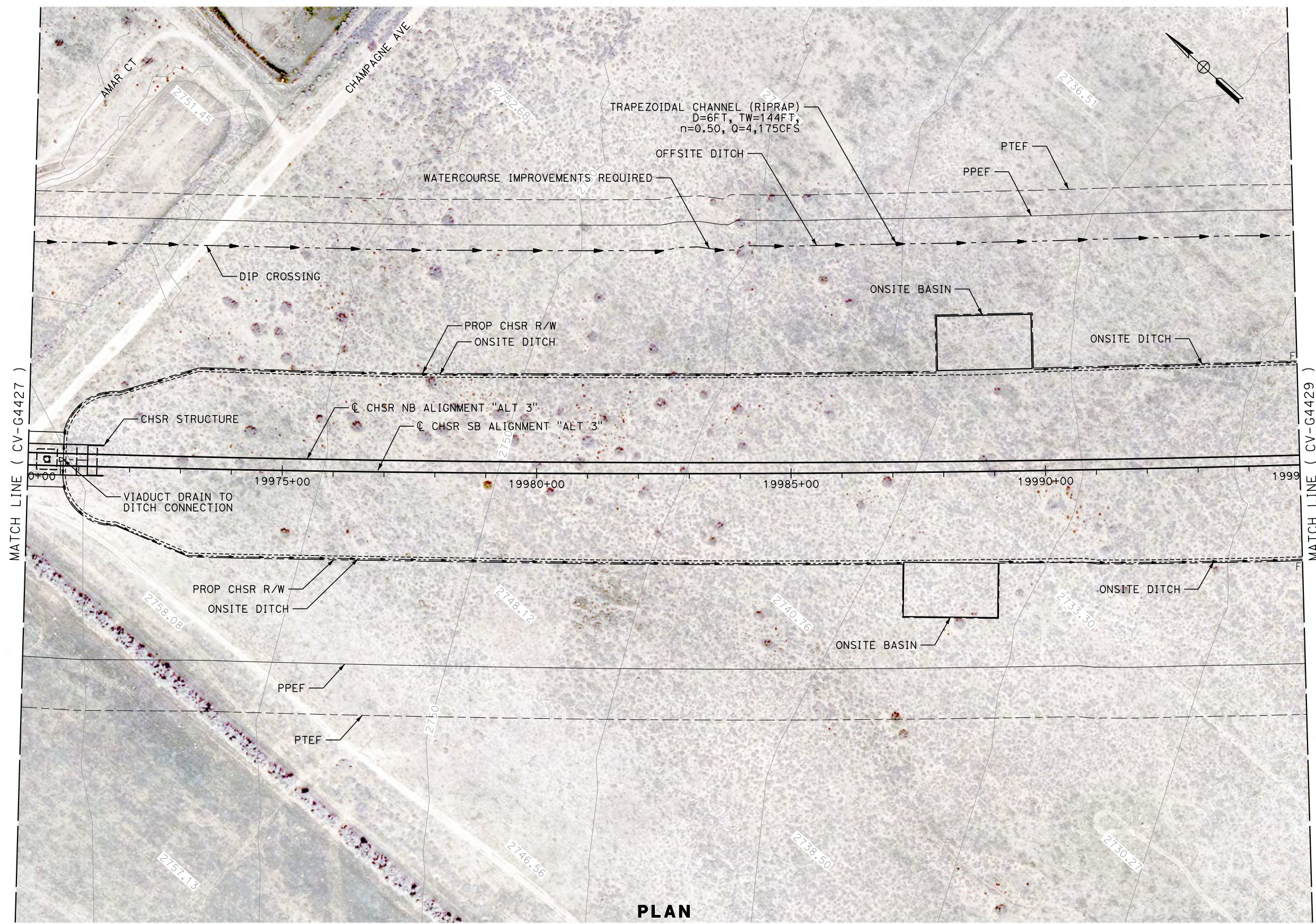
ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19945+00 TO 19970+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4427  
SCALE  
AS SHOWN  
SHEET NO.



Projects\T01206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4428.dgn

OIC:Adodge 11/7/2017 10:37:11 PM



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

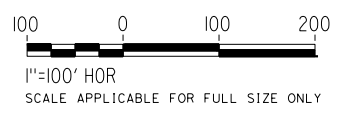
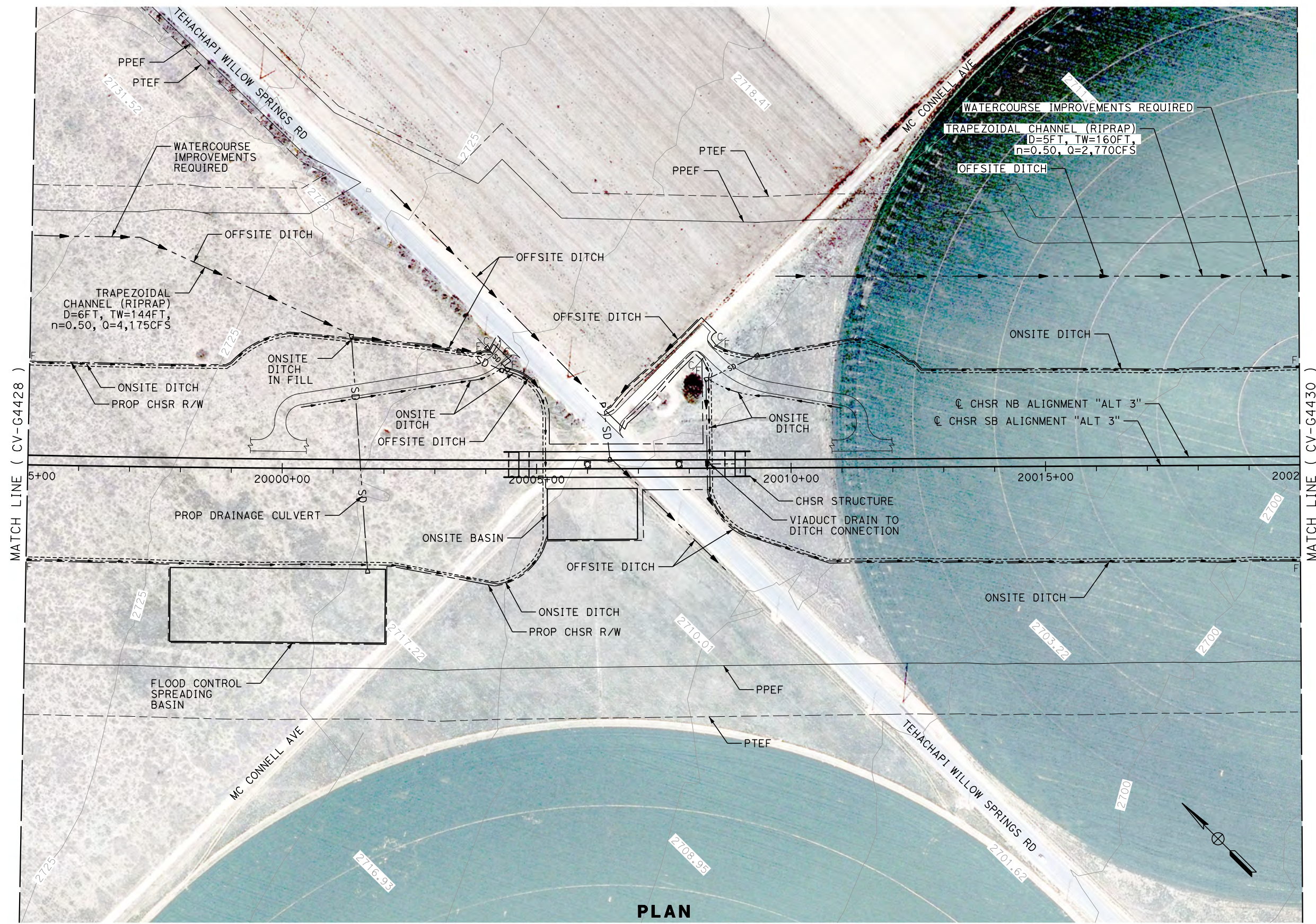
ALTERNATIVE 3  
GRADING AND DRAINAGE  
STA. 19970+00 TO 19995+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4428  
SCALE  
AS SHOWN  
SHEET NO.



Projects\T01206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4429.dgn

OIC:Adodge 11/7/2017 10:35:51 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
 DRAWN BY  
**A. CAROLINO**  
 CHECKED BY  
**G. CAMPBELL**  
 IN CHARGE  
**S. SMITH**  
 DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

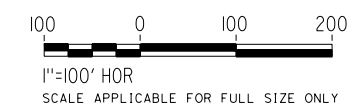
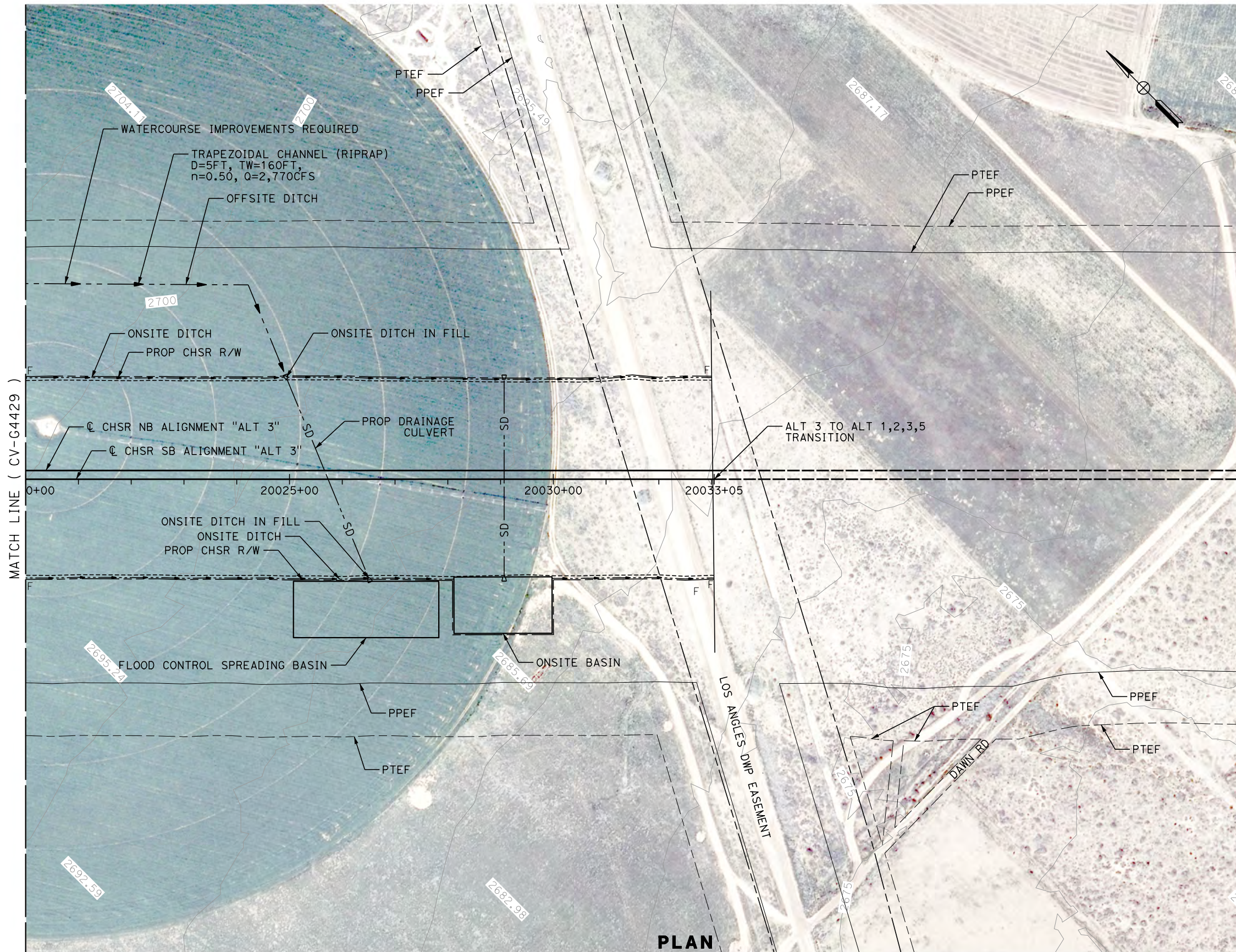
ALTERNATIVE 3  
 GRADING AND DRAINAGE  
 STA. 1995+00 TO 2020+00  
 PLAN

CONTRACT NO.  
HSR13-44  
 DRAWING NO.  
CV-G4429  
 SCALE  
AS SHOWN  
 SHEET NO.



Projects\T01206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4430.dgn

OIC:Adodge 11/7/2017 10:37:07 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**

DRAWN BY  
**A. CAROLINO**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**S. SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
 GRADING AND DRAINAGE  
 STA. 20020+00 TO 20045+00  
 PLAN

CONTRACT NO.  
HSR13-44

DRAWING NO.  
CV-G4430

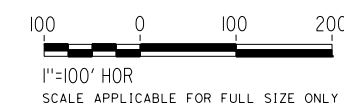
SCALE  
AS SHOWN

SHEET NO.



Projects\T01206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4431.dgn

OIC:Adodge 11/7/2017 10:42:38 PM



MATCH LINE ( CV-G4414 )

MATCH LINE ( CV-G4415 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
ACCESS ROAD STA. 19640+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4431  
SCALE  
AS SHOWN  
SHEET NO.



Projects\T01206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4432.dgn

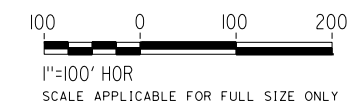
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MATCH LINE ( CV-G4433 )



MATCH LINE ( CV-G4417 )

MATCH LINE ( CV-G4418 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
ACCESS ROAD STA. 19727+00  
PLAN

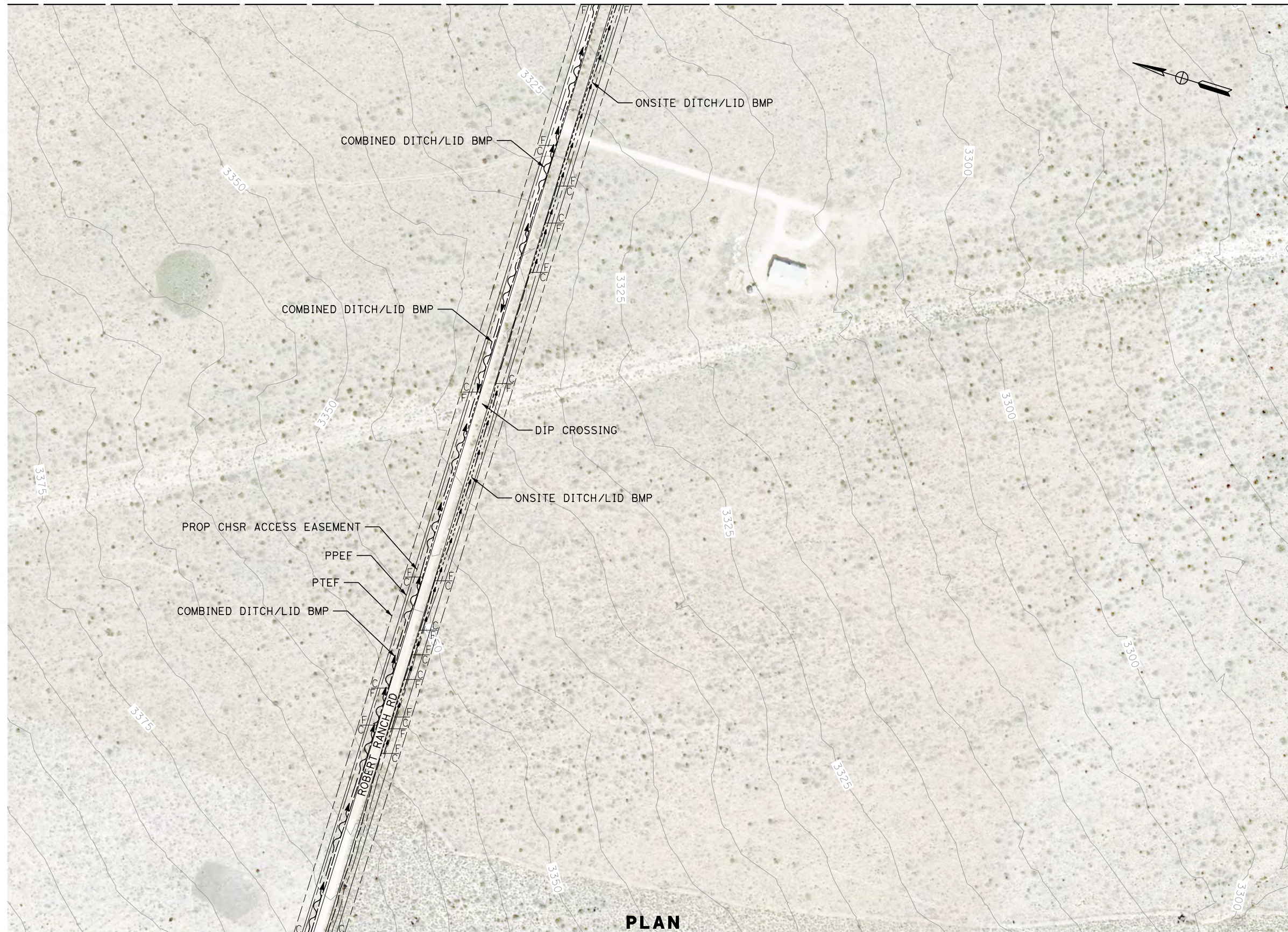
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4432  
SCALE  
AS SHOWN  
SHEET NO.



Projects\T01206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4433.dgn

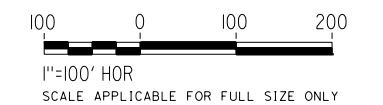
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MATCH LINE ( CV-G4434 )



**PLAN**

MATCH LINE ( CV-G4432 )

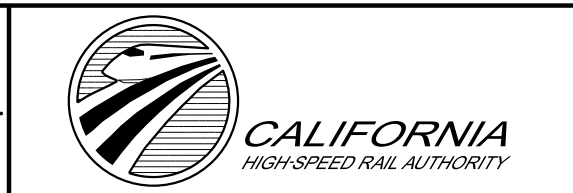


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

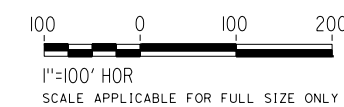
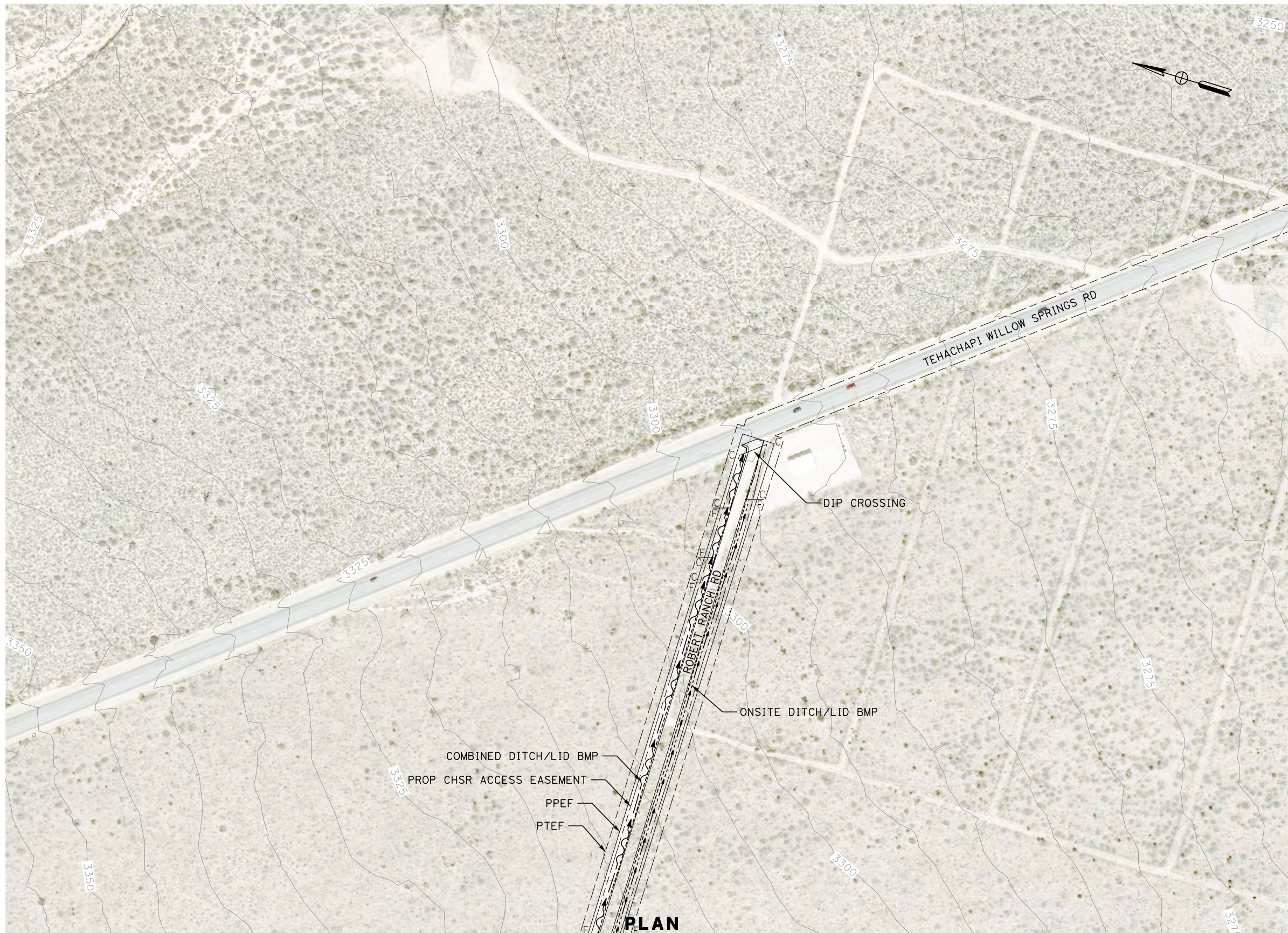
ALTERNATIVE 3  
GRADING AND DRAINAGE  
ACCESS ROAD STA. 19727+00  
PLAN

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**CV-G4433**  
SCALE  
**AS SHOWN**  
SHEET NO.



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4434.dgn

OIC:Adodge 11/7/2017 10:38:55 PM



**PLAN**  
MATCH LINE ( CV-G4433 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



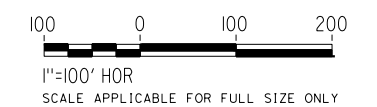
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 3  
GRADING AND DRAINAGE  
ACCESS ROAD STA. 19727+00  
PLAN

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**CV-G4434**  
SCALE  
**AS SHOWN**  
SHEET NO.



MATCH LINE ( CV-G4436 )



MATCH LINE ( CV-G4426 )

MATCH LINE ( CV-G4427 )

Projects\701206\00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4435.dgn

OIC:Adodge 11/7/2017 10:35:42 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 3  
GRADING AND DRAINAGE  
ACCESS ROAD STA. 19941+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4435  
SCALE  
AS SHOWN  
SHEET NO.



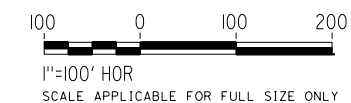
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OIC:Adodge 11/7/2017 10:38:46 PM



**PLAN**

MATCH LINE ( CV-G4435 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

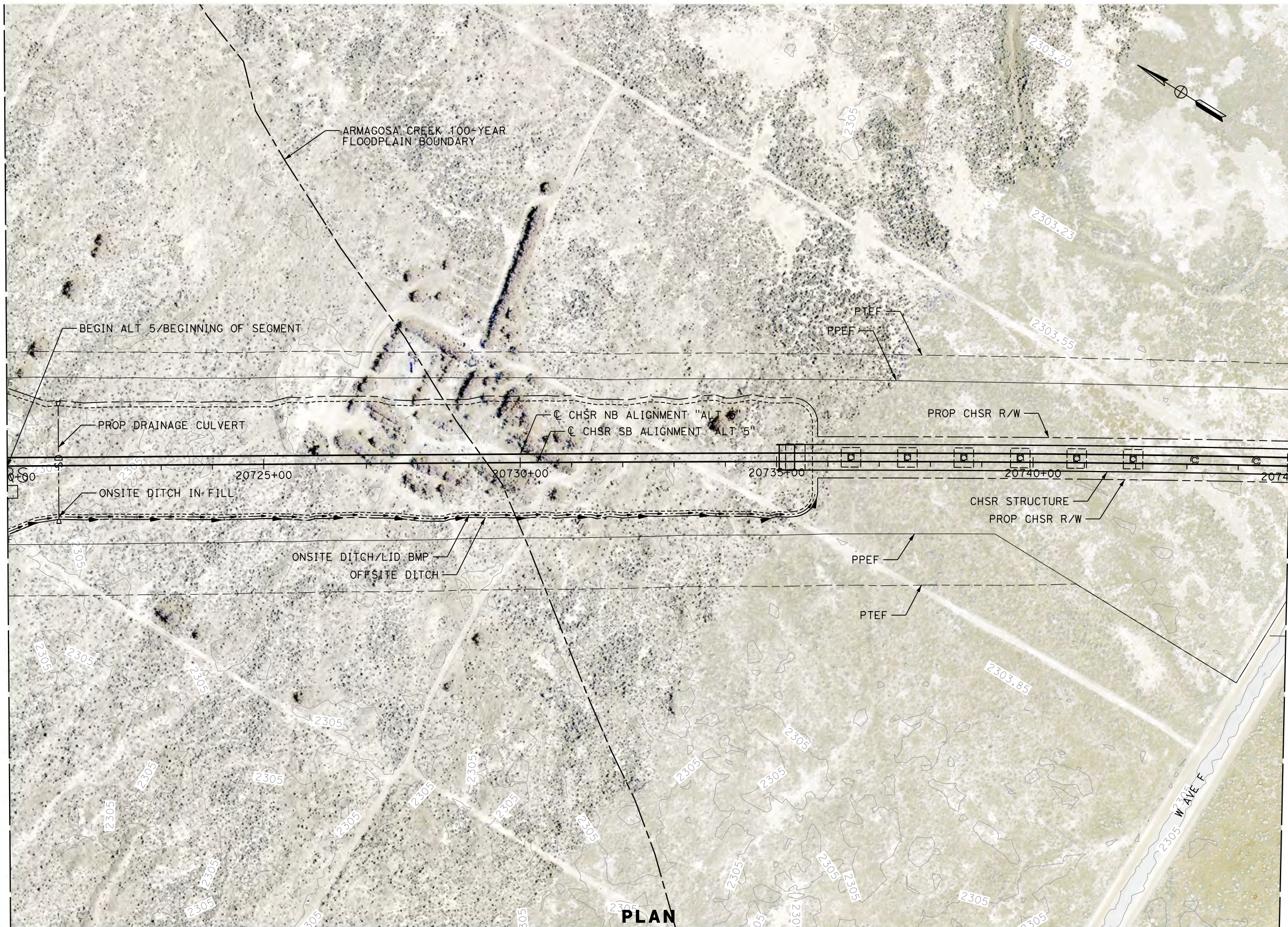
ALTERNATIVE 3  
GRADING AND DRAINAGE  
ACCESS ROAD STA. 19941+00  
PLAN

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**CV-G4436**  
SCALE  
**AS SHOWN**  
SHEET NO.

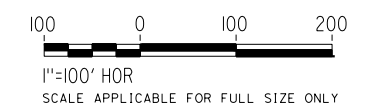


Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4501.dgn

OIC: Adodge 11/7/2017 10:40:49 PM



MATCH LINE ( CV-G4502 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

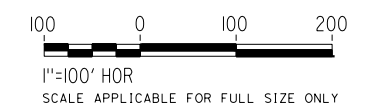
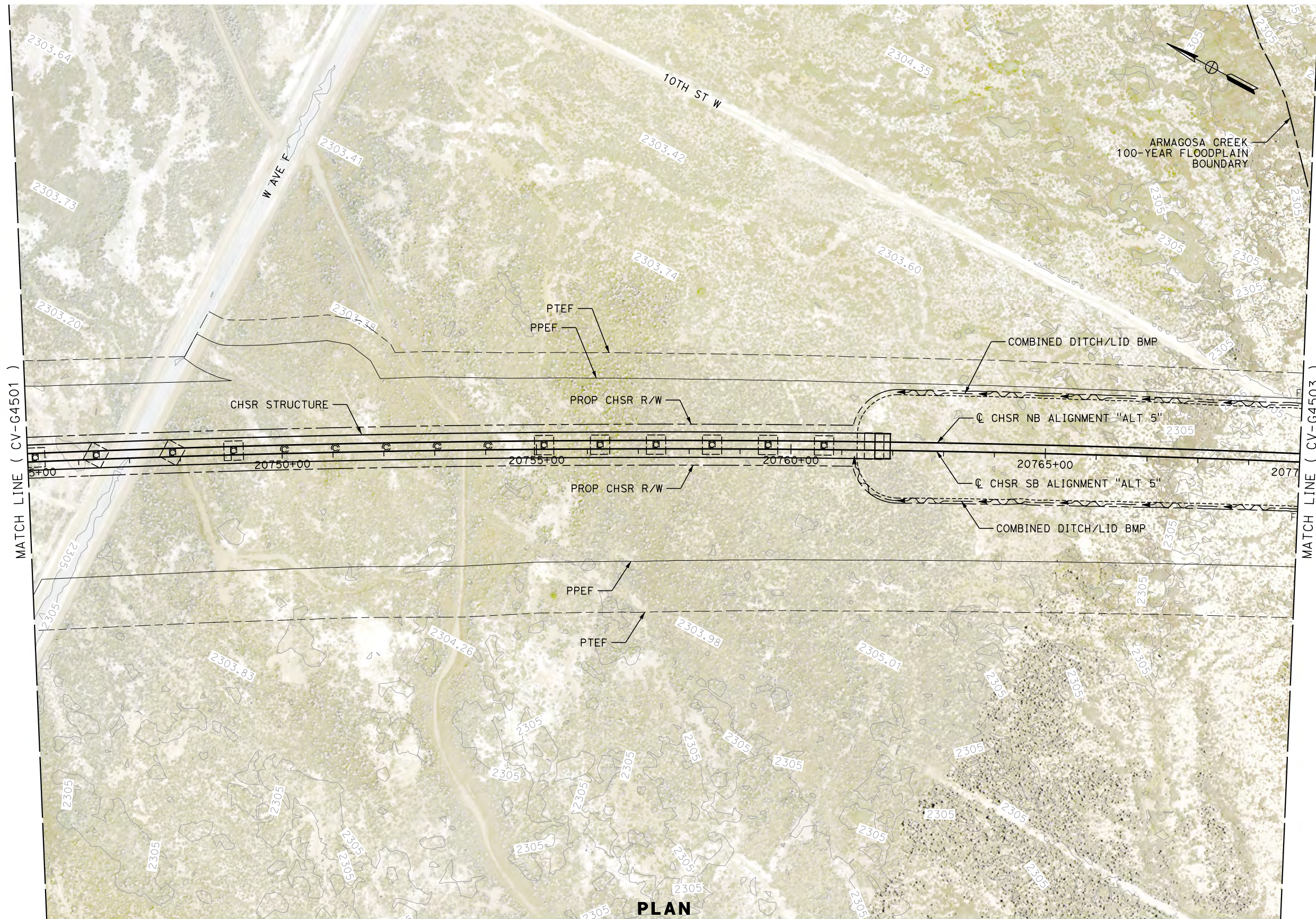
ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 20720+00 TO 20745+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4501  
SCALE  
AS SHOWN  
SHEET NO.



Projects\T01206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4502.dgn

OIC:Adodge 11/7/2017 10:37:56 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 20745+00 TO 20770+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4502  
SCALE  
AS SHOWN  
SHEET NO.

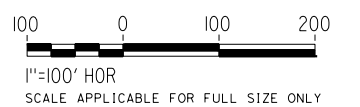
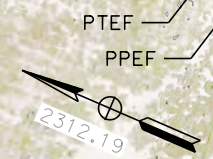


MATCH LINE ( CV-G4534 )



MATCH LINE ( CV-G4502 )

MATCH LINE ( CV-G4504 )



**PLAN**

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

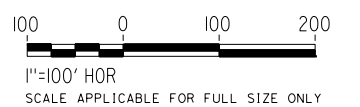
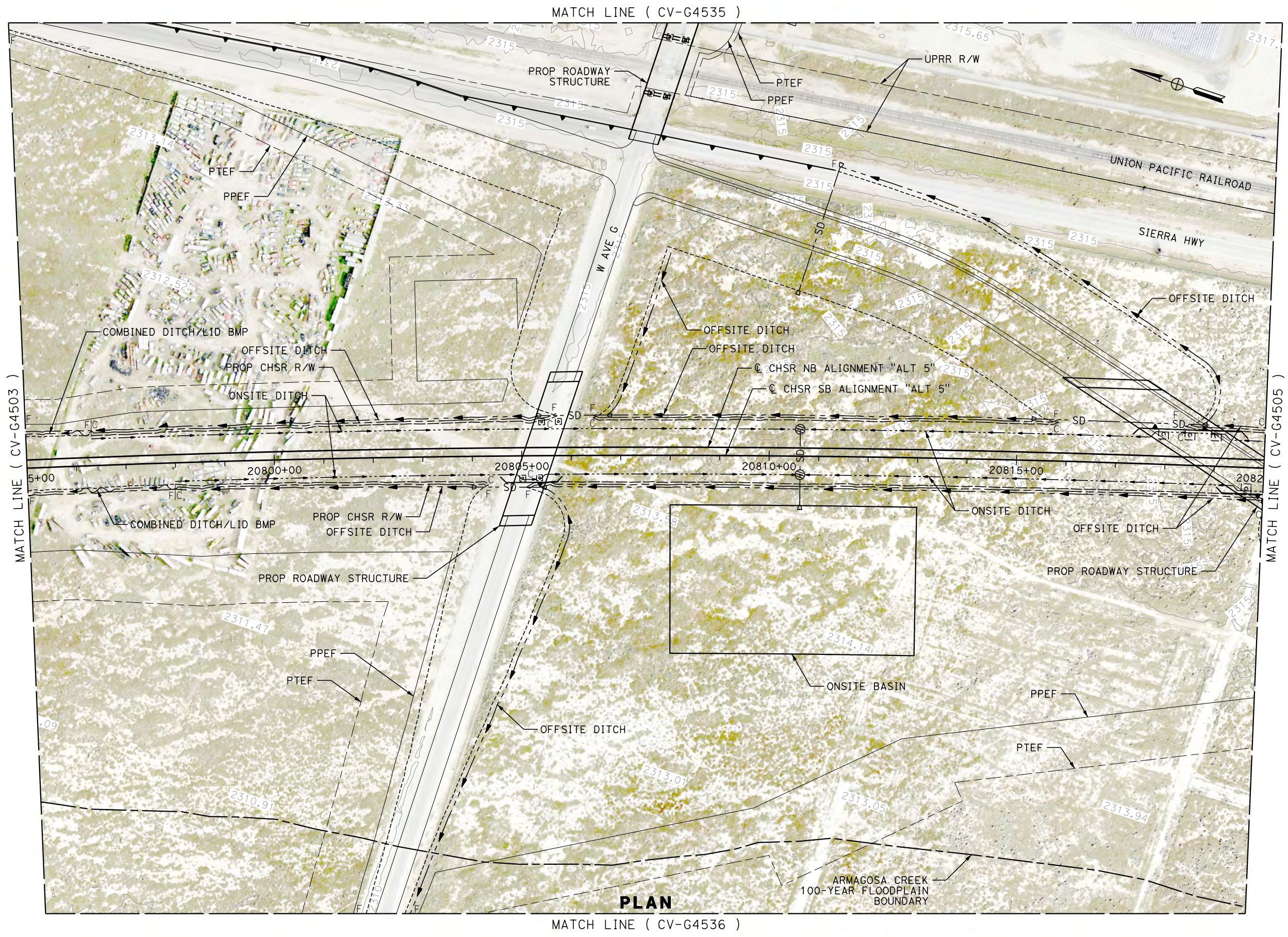
ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 20770+00 TO 20795+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4503  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206\00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4504.dgn

11/7/2017 10:39:03 PM  
OIC:Adodge



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

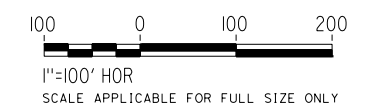
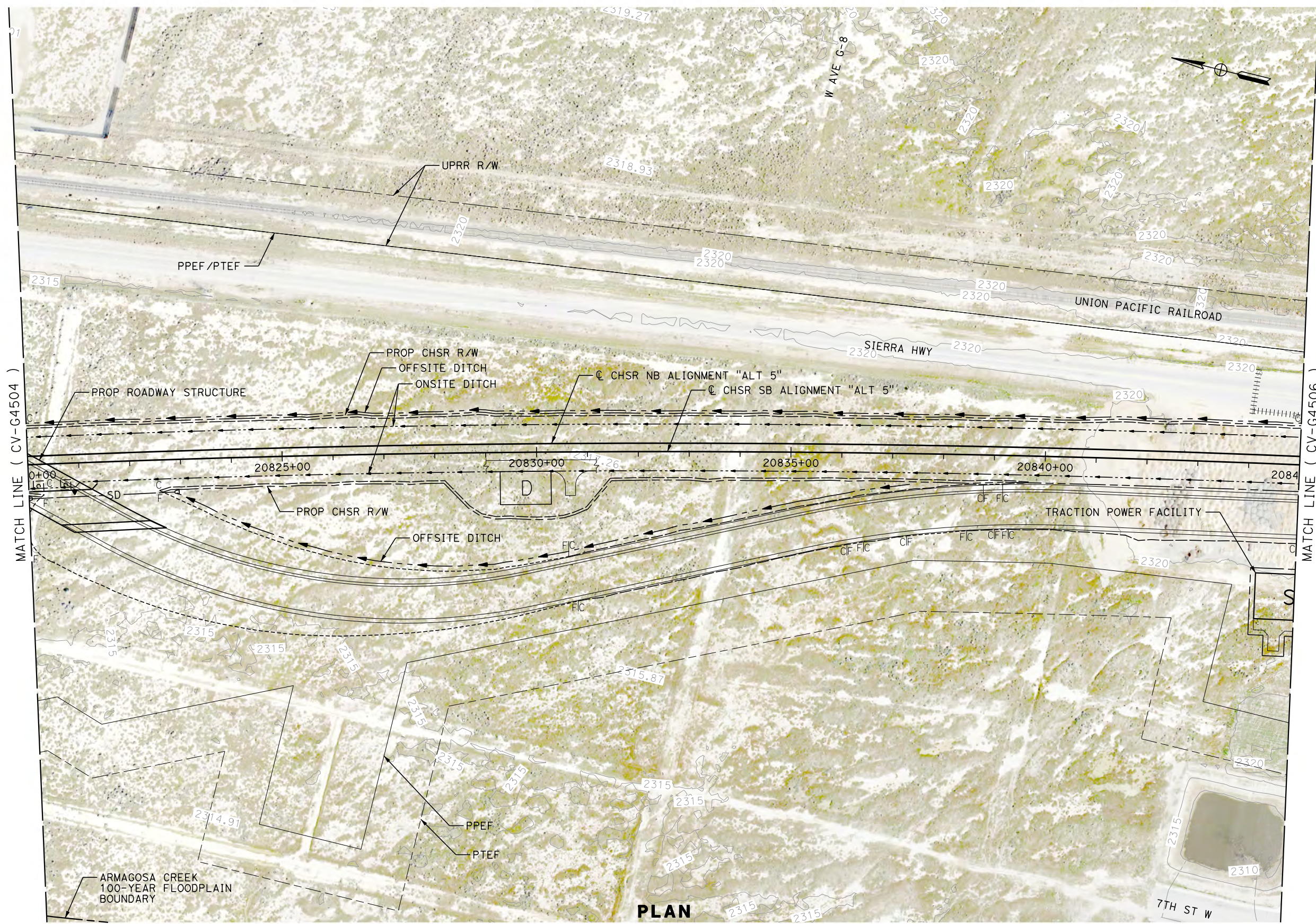
ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 20795+00 TO 20820+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4504  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4505.dgn

OIC:Adodge 11/7/2017 10:39:53 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

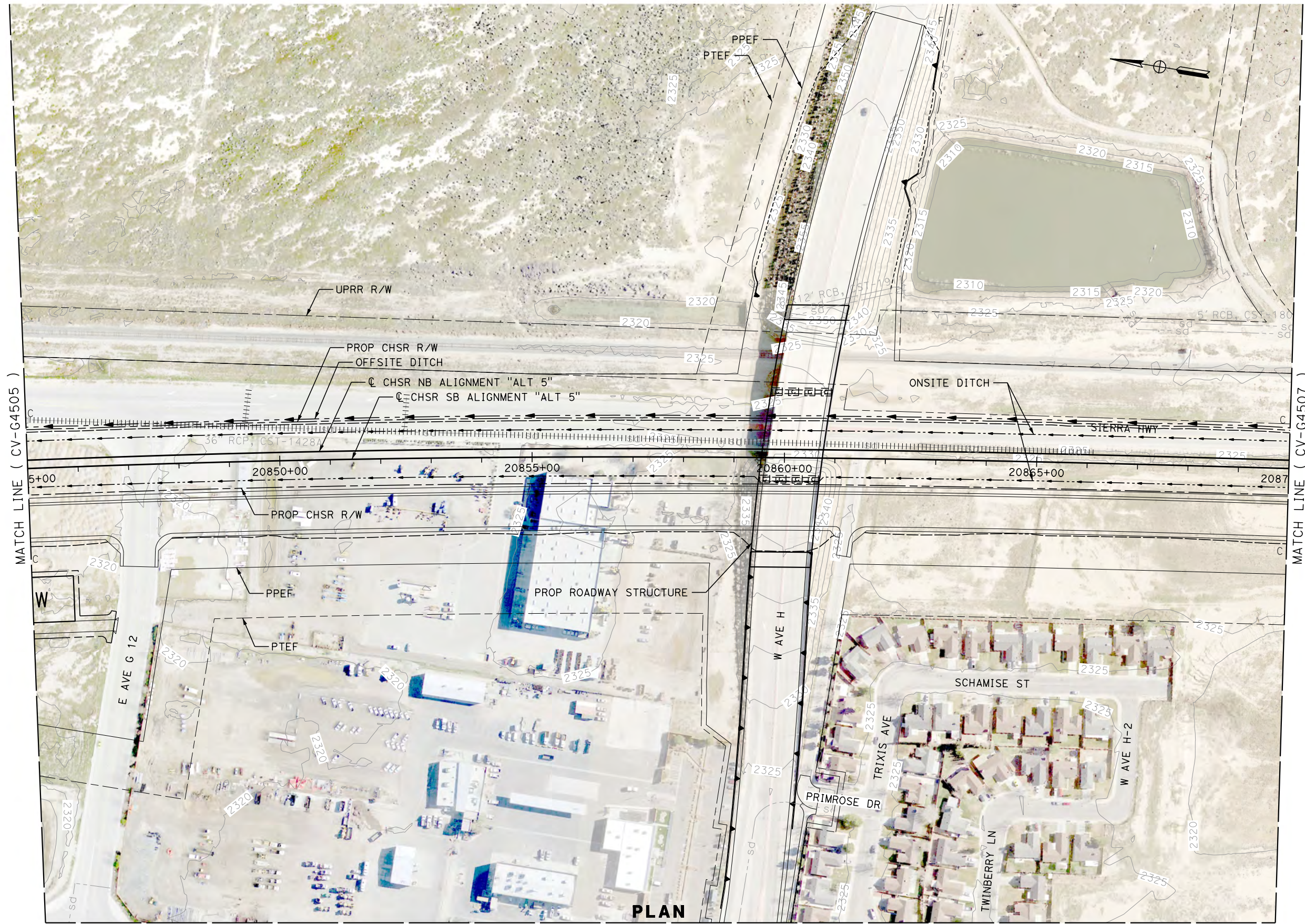
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GRADING AND DRAINAGE  
STA. 20820+00 TO 20845+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4505  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4506.dgn

OIC: Adodge 11/7/2017 10:43:54 PM

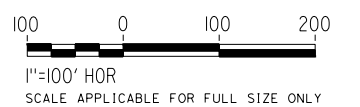


MATCH LINE ( CV-G4505 )

MATCH LINE ( CV-G4507 )

**PLAN**

MATCH LINE ( CV-G4538 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 20845+00 TO 20870+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4506**

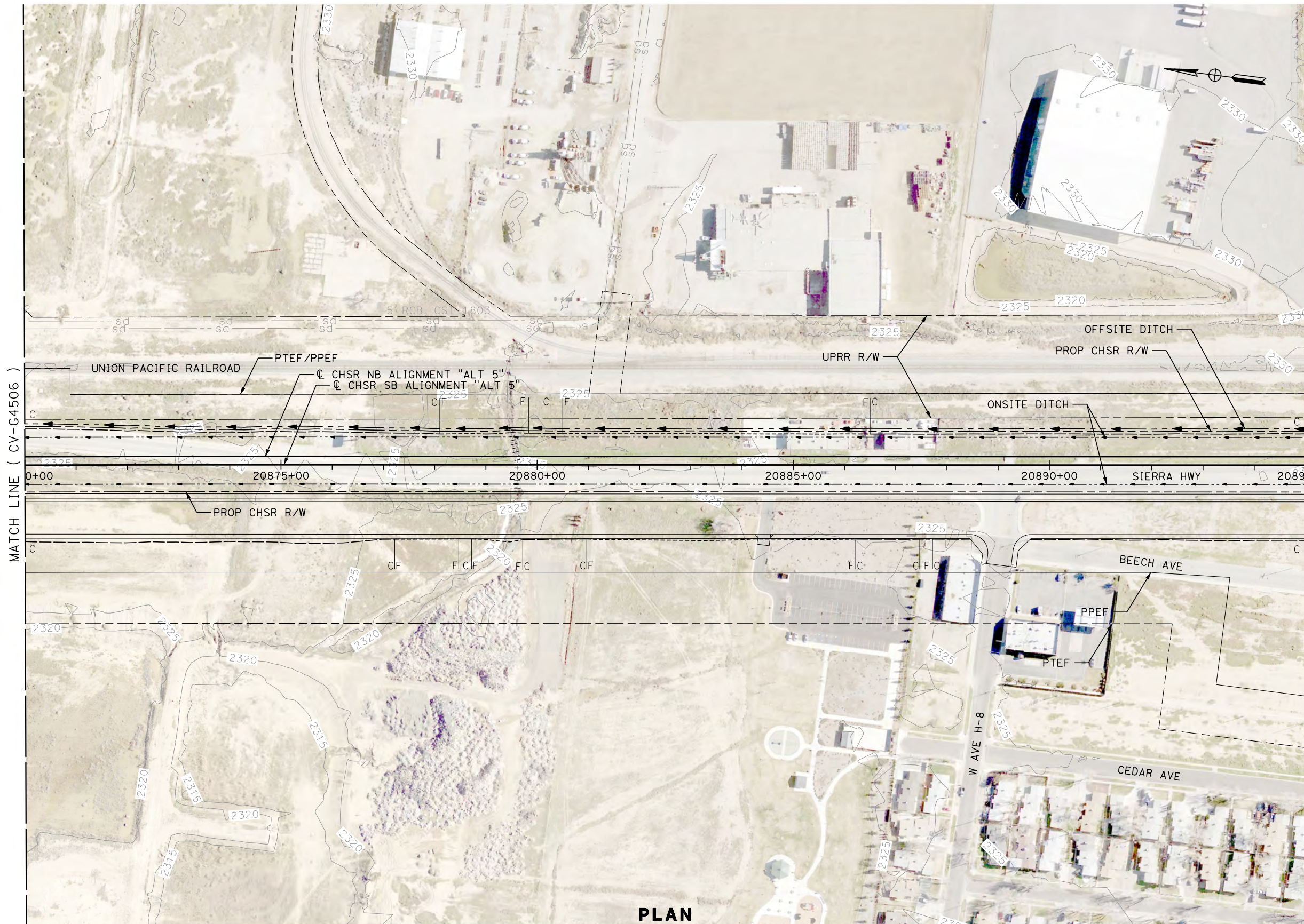
SCALE  
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SHEET NO.



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4507.dgn

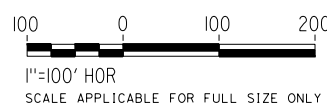
OIC:Adodge 11/7/2017 10:38:49 PM



MATCH LINE ( CV-G4506 )

MATCH LINE ( CV-G4508 )

PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 20870+00 TO 20895+00  
PLAN

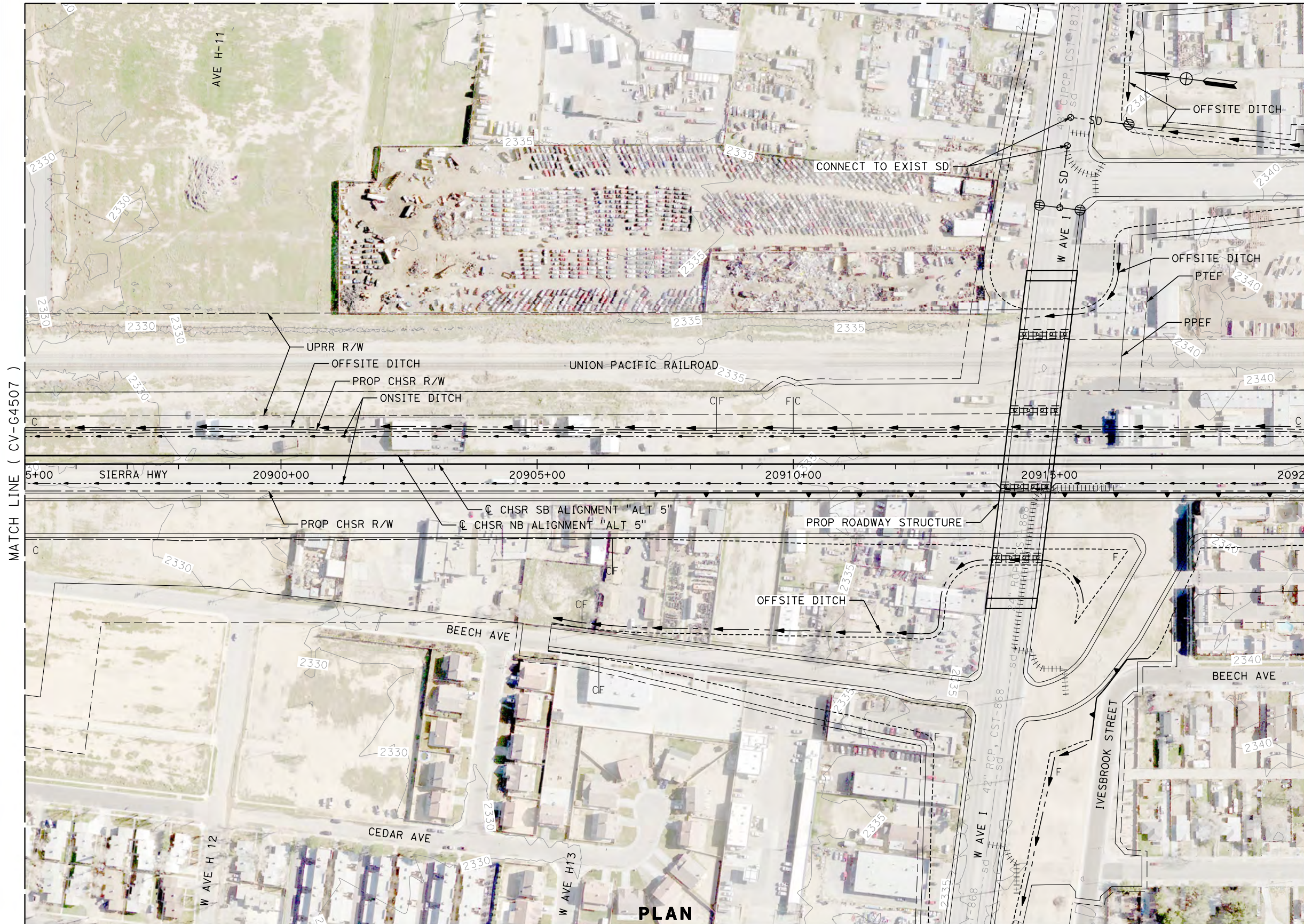
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4507  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4508.dgn

OIC:Adodge 11/7/2017 10:40:03 PM

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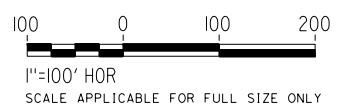


MATCH LINE ( CV-G4507 )

MATCH LINE ( CV-G4509 )

**PLAN**

MATCH LINE ( CV-G4541 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
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**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 20895+00 TO 20920+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4508**

SCALE  
**AS SHOWN**

SHEET NO.



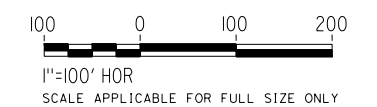
MATCH LINE ( CV-G4540 )



MATCH LINE ( CV-G4508 )

MATCH LINE ( CV-G4510 )

MATCH LINE ( CV-G4542 )



**PLAN**

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4509.dgn

OIC:Adodge 11/7/2017 10:42:14 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 20920+00 TO 20945+00  
PLAN

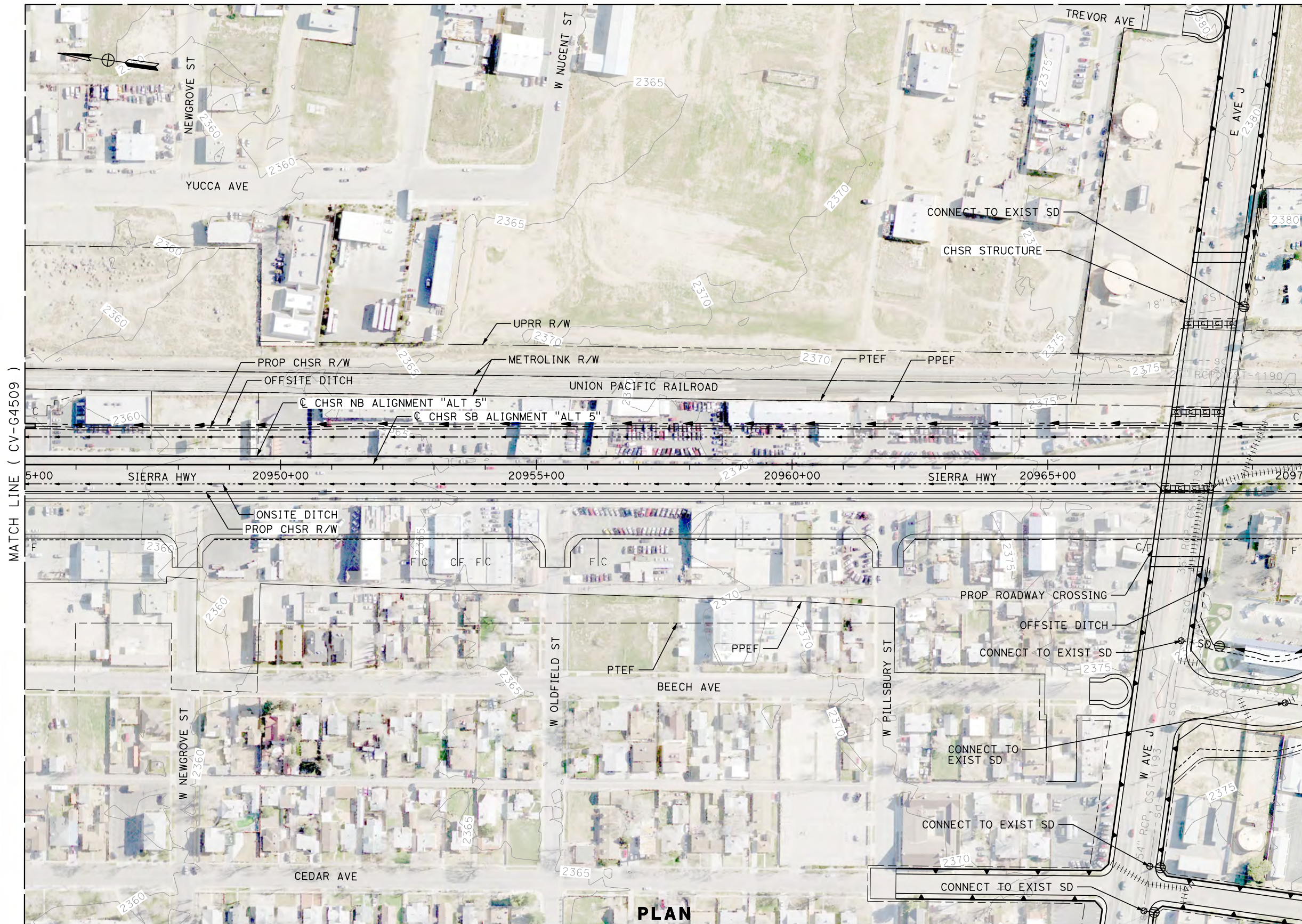
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HSR13-44  
DRAWING NO.  
CV-G4509  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\G\_BP-CV-G4510.dgn

OIC: Adodge 11/7/2017 10:39:56 PM

MATCH LINE ( CV-G4543 )

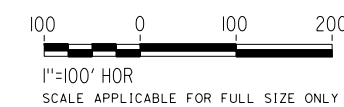


MATCH LINE ( CV-G4509 )

MATCH LINE ( CV-G4511 )

**PLAN**

MATCH LINE ( CV-G4544 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 20945+00 TO 20970+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4510**

SCALE  
**AS SHOWN**

SHEET NO.



MATCH LINE ( CV-G4543 )

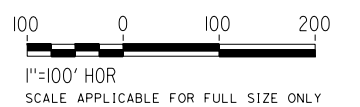


MATCH LINE ( CV-G4510 )

MATCH LINE ( CV-G4512 )

**PLAN**

MATCH LINE ( CV-G4544 )



11/8/2017 12:39:16 PM  
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 Projects\701206\00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4511.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
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**A. CAROLINO**  
 CHECKED BY  
**G. CAMPBELL**  
 IN CHARGE  
**S. SMITH**  
 DATE  
**10/31/2017**

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



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
 ALTERNATIVE 5  
 GRADING AND DRAINAGE  
 STA. 20970+00 TO 20995+00  
**PLAN**

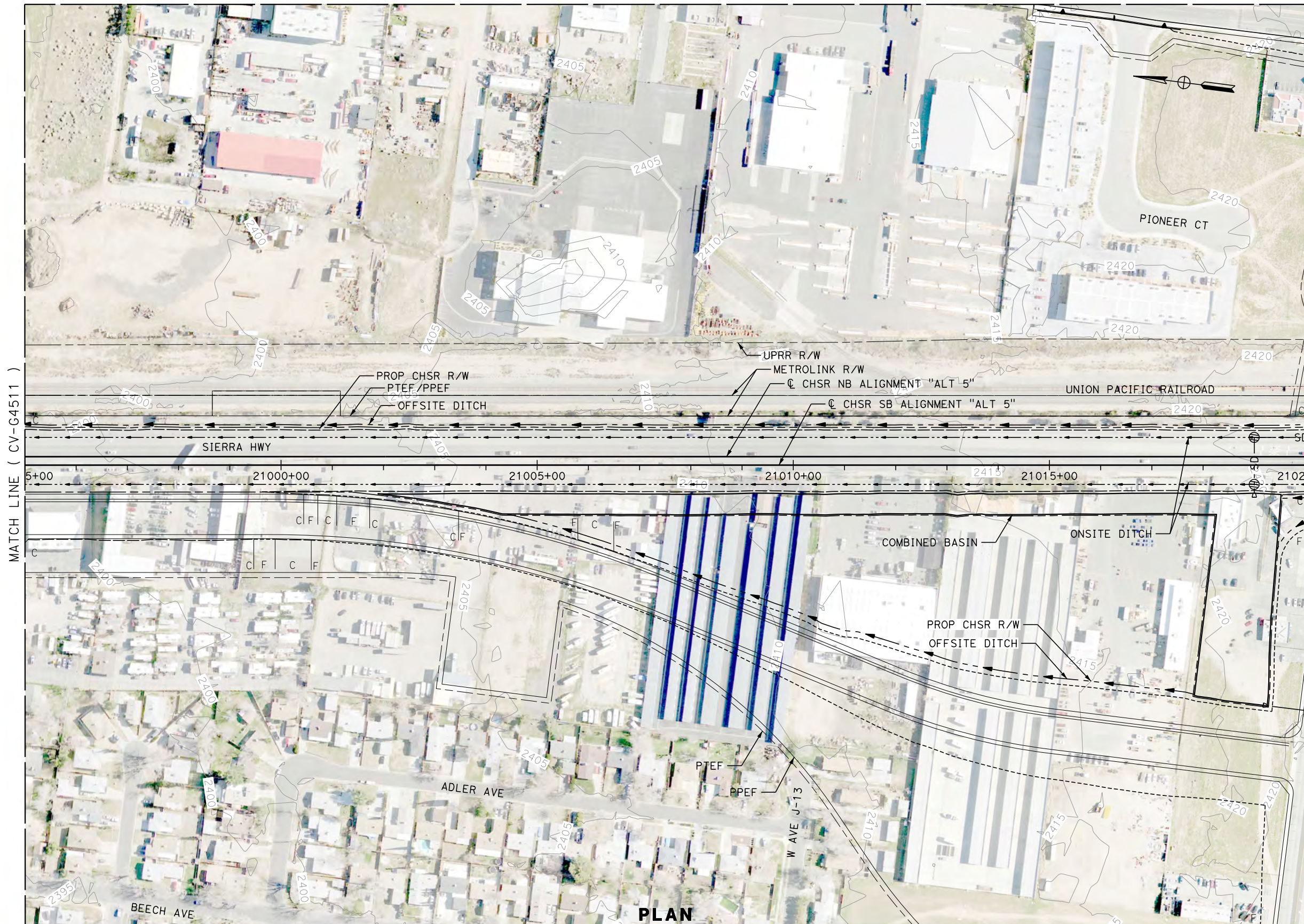
CONTRACT NO.  
**HSR13-44**  
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 SHEET NO.



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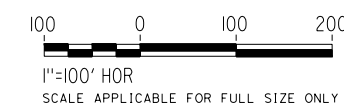
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MATCH LINE ( CV-G4545 )



**PLAN**

MATCH LINE ( CV-G4522 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

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CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 20995+00 TO 21020+00  
PLAN

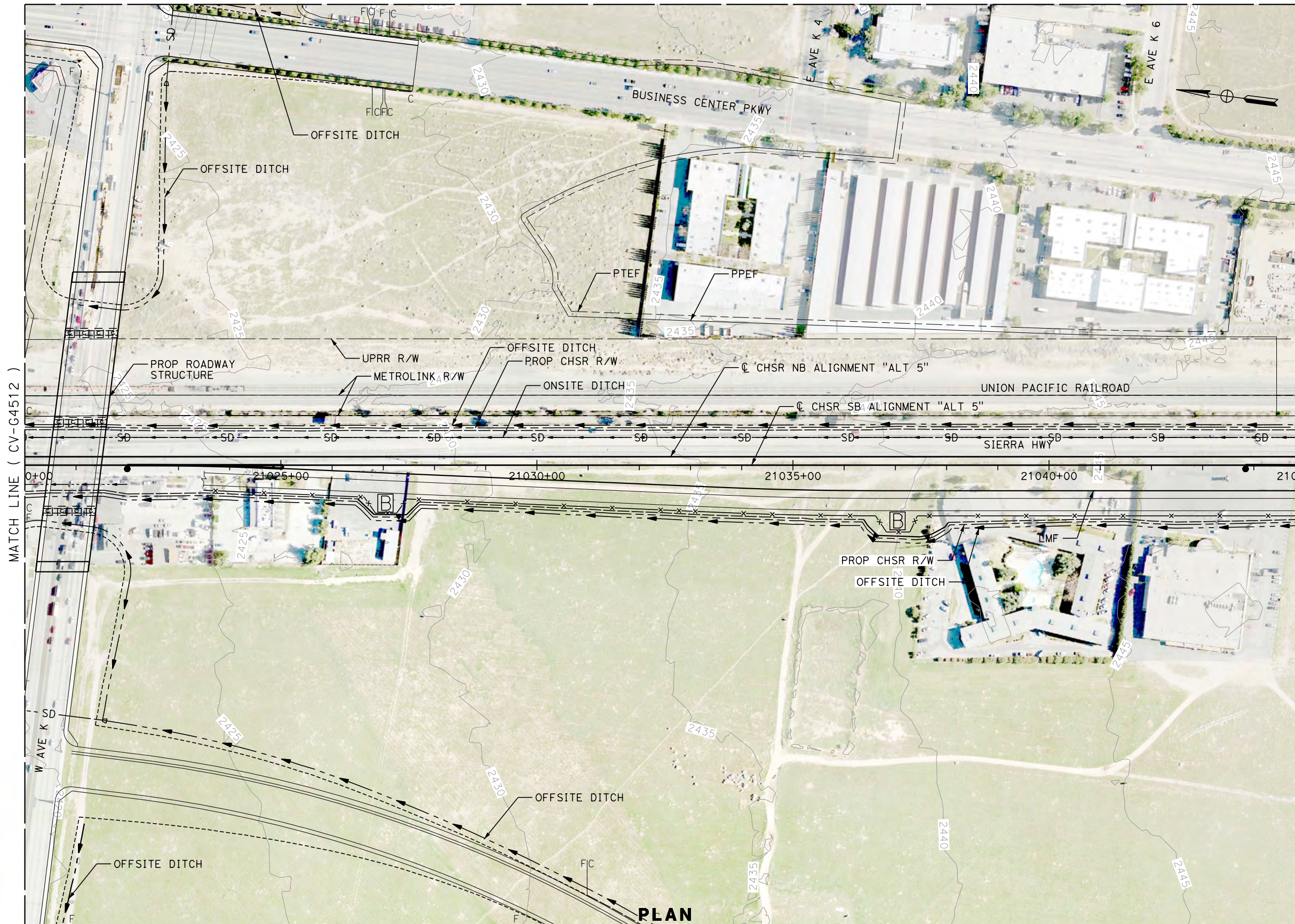
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DRAWING NO.  
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SCALE  
**AS SHOWN**  
SHEET NO.



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4513.dgn

11/7/2017 10:45:57 PM

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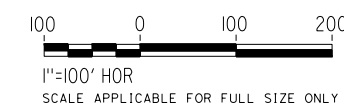


MATCH LINE ( CV-G4512 )

MATCH LINE ( CV-G4514 )

**PLAN**

MATCH LINE ( CV-G4523 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21020+00 TO 21045+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4513  
SCALE  
AS SHOWN  
SHEET NO.



Projects\T01206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4514.dgn

OIC:Adodge 11/7/2017 10:39:51 PM

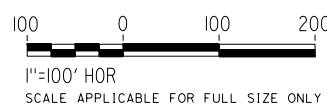


MATCH LINE ( CV-G4513 )

MATCH LINE ( CV-G4515 )

**PLAN**

MATCH LINE ( CV-G4524 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

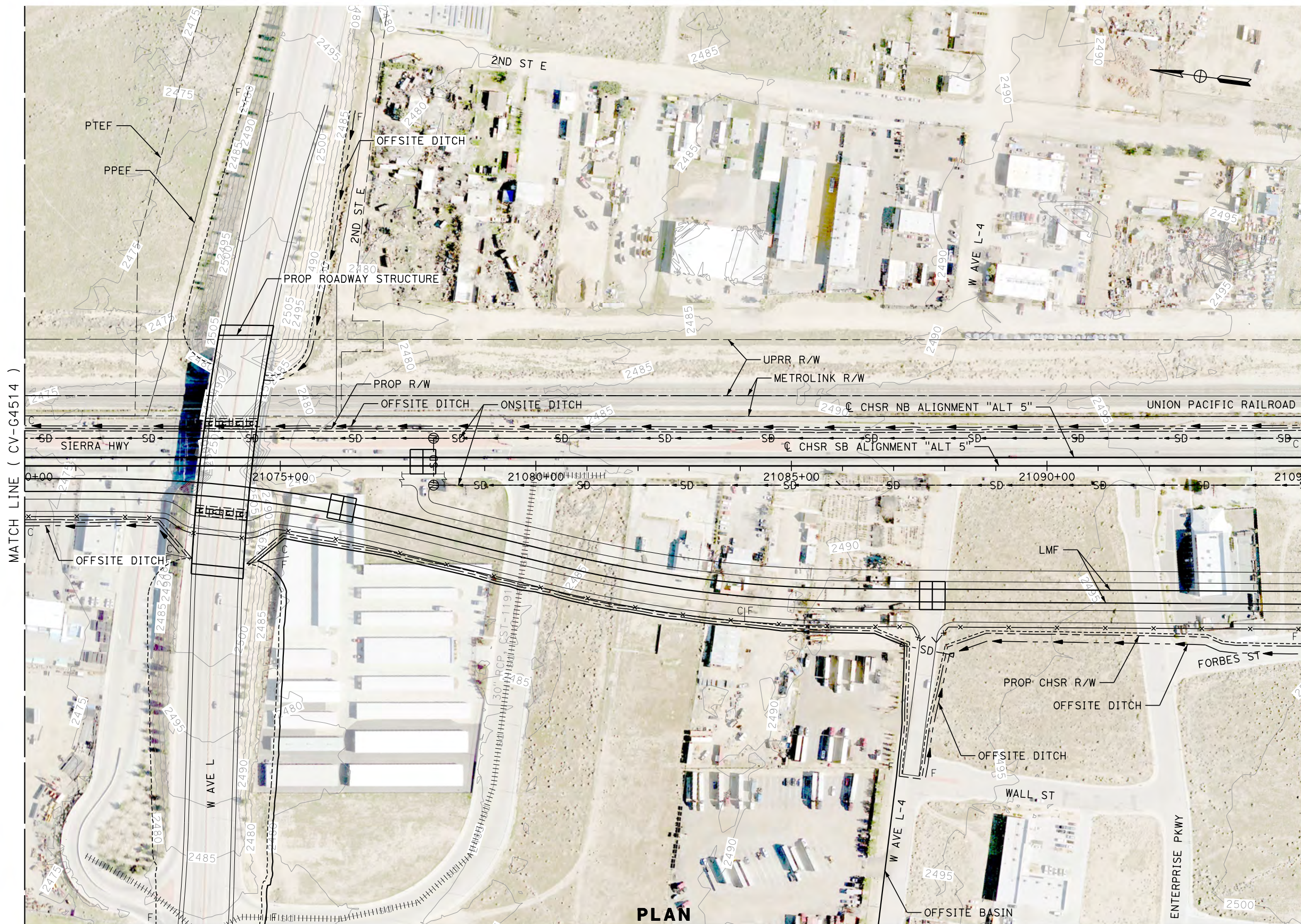
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GRADING AND DRAINAGE  
STA. 21045+00 TO 21070+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4514  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4515.dgn

OIC:ADodge 11/7/2017 10:40:51 PM

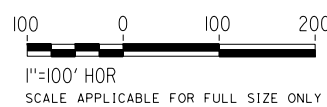


MATCH LINE ( CV-G4514 )

MATCH LINE ( CV-G4516 )

PLAN

MATCH LINE ( CV-G4525 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
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**A. CAROLINO**  
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**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21070+00 TO 21095+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4515**

SCALE  
**AS SHOWN**

SHEET NO.

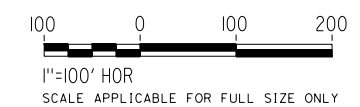


Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4516.dgn

OIC:ADodge 11/7/2017 10:39:07 PM



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

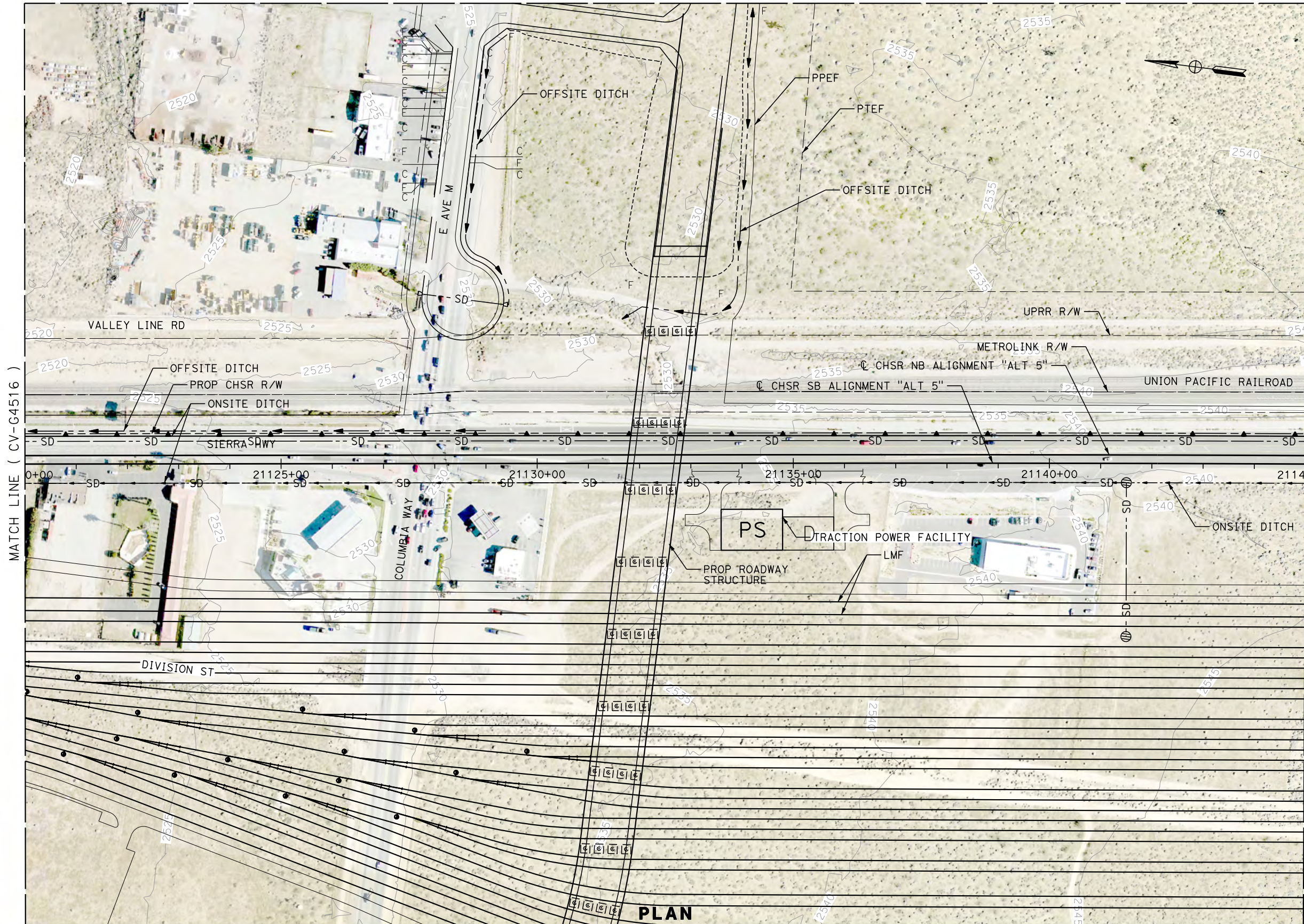
ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21095+00 TO 21120+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4516  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\G\_BP-CV-G4517.dgn  
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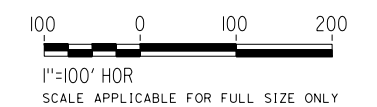


MATCH LINE ( CV-G4516 )

MATCH LINE ( CV-G4518 )

**PLAN**

MATCH LINE ( CV-G4527 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
 DRAWN BY  
**A. CAROLINO**  
 CHECKED BY  
**G. CAMPBELL**  
 IN CHARGE  
**S. SMITH**  
 DATE  
**10/31/2017**

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



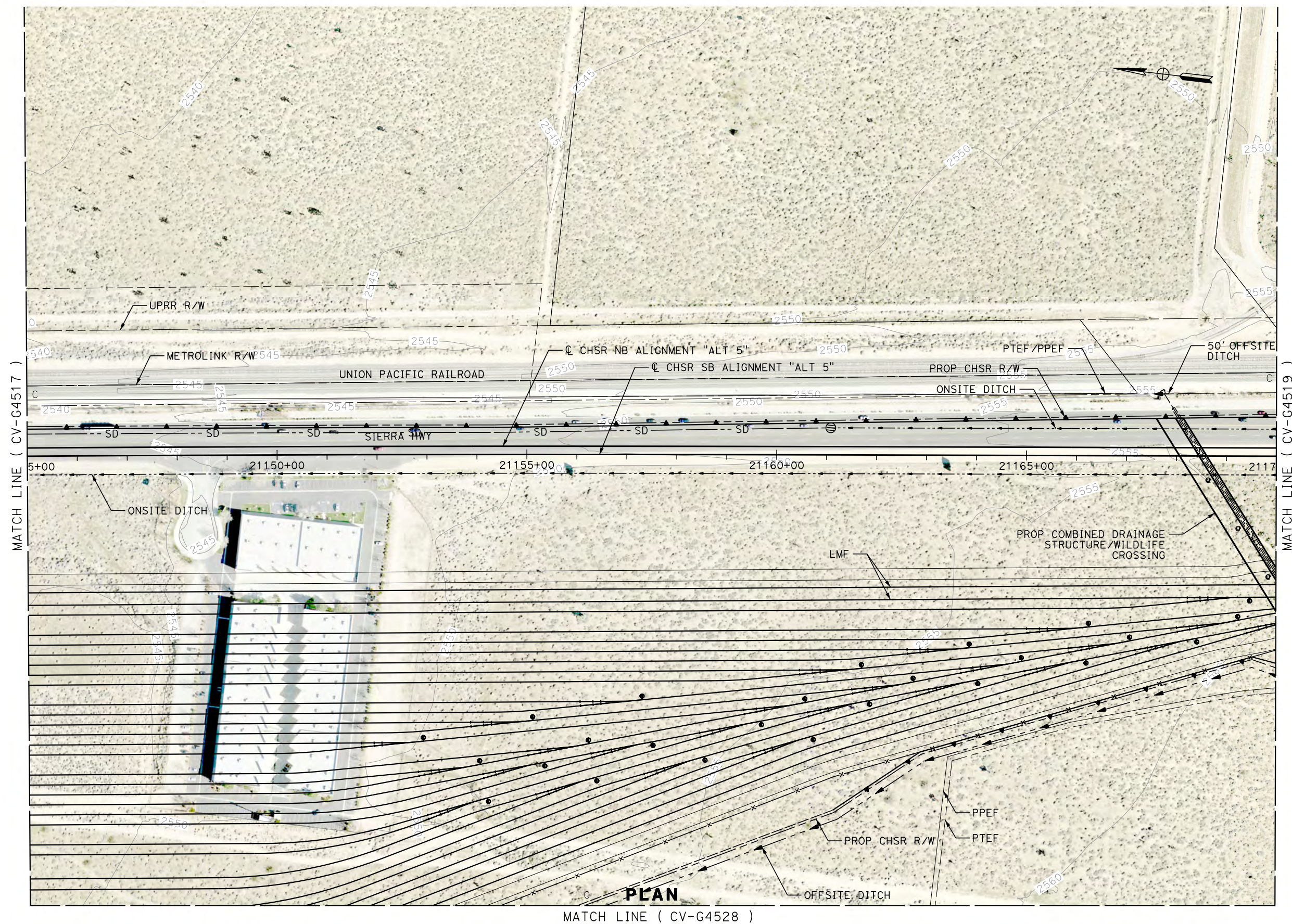
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
 ALTERNATIVE 5  
 GRADING AND DRAINAGE  
 STA. 21120+00 TO 21145+00  
 PLAN

CONTRACT NO.  
**HSR13-44**  
 DRAWING NO.  
**CV-G4517**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

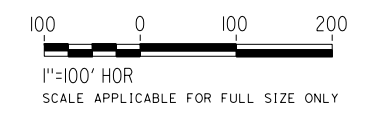


Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4518.dgn

OIC:ADodge 11/7/2017 10:46:46 PM



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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PEPD  
SUBMITTAL**

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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21145+00 TO 21170+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4518**

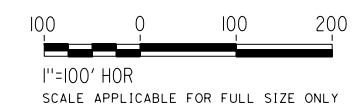
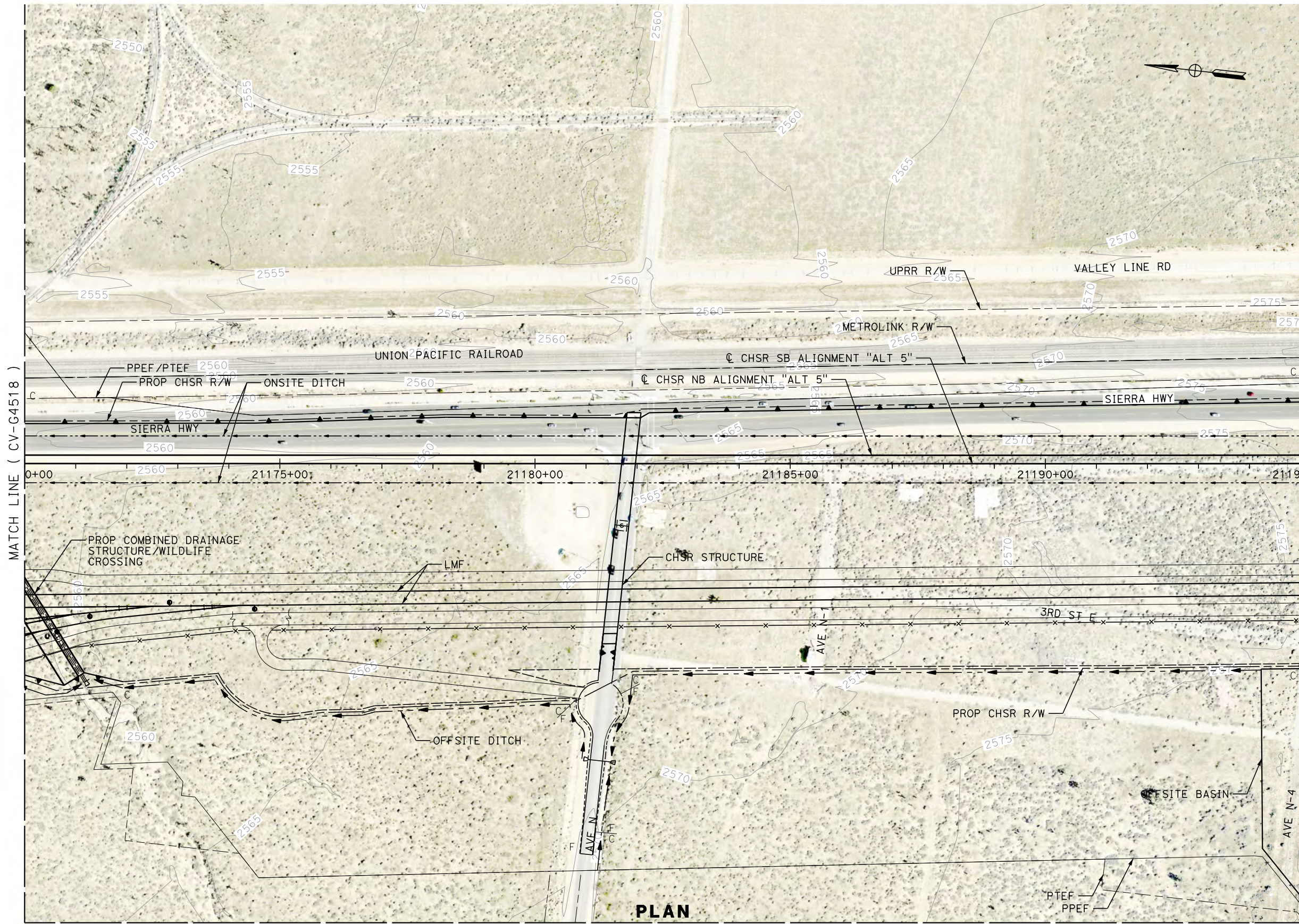
SCALE  
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SHEET NO.



Projects\701206\00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4519.dgn

OIC:ADodge 11/7/2017 10:53:41 PM



**PLAN**  
MATCH LINE ( CV-G4529 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21170+00 TO 21195+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4519**

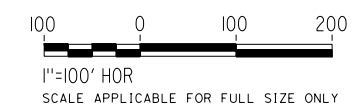
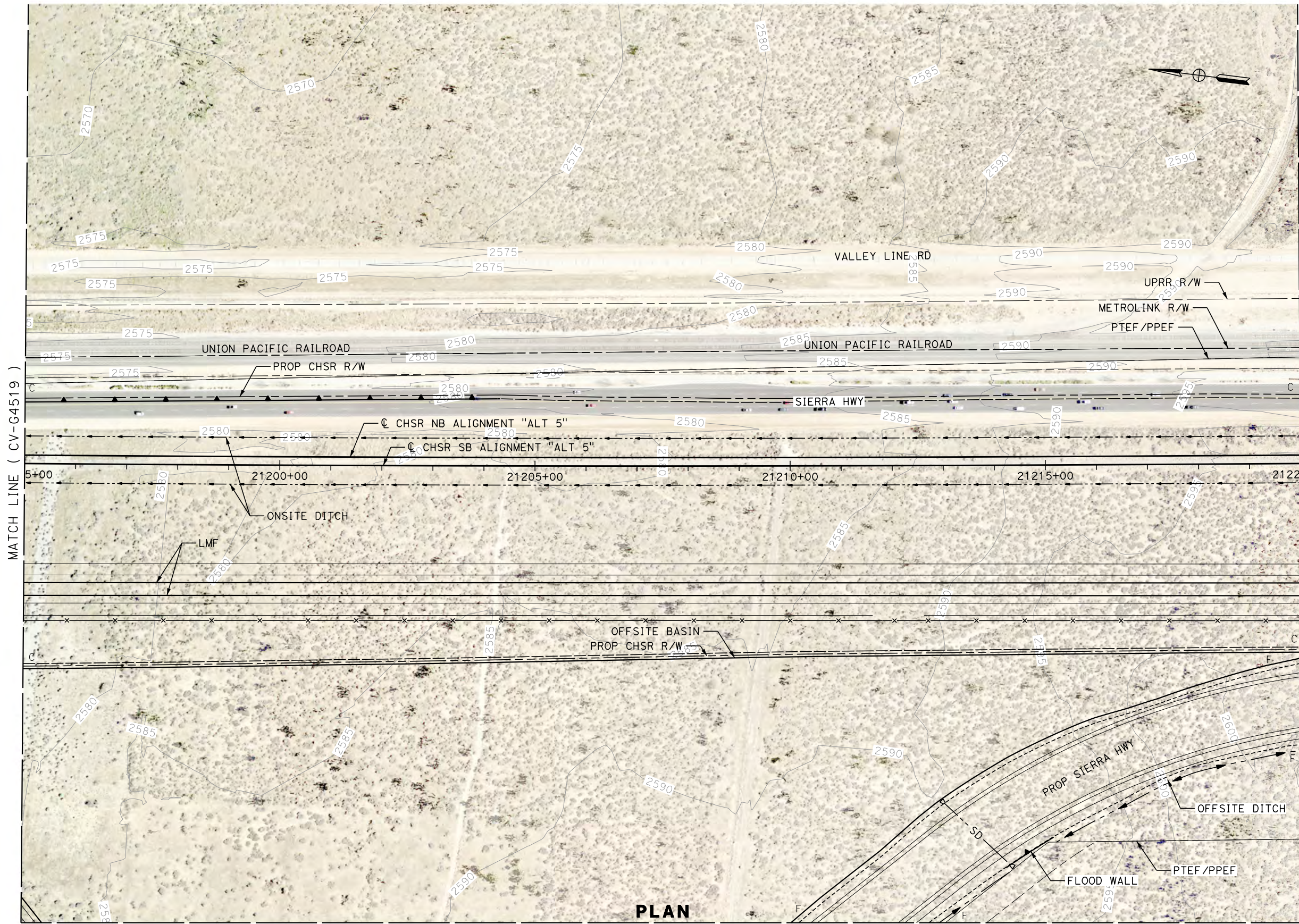
SCALE  
**AS SHOWN**

SHEET NO.



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4520.dgn

OIC:Adodge 11/7/2017 10:48:30 PM



**PLAN**

MATCH LINE ( CV-G4530 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21195+00 TO 21220+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4520**

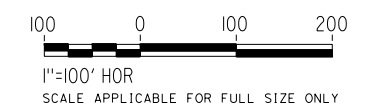
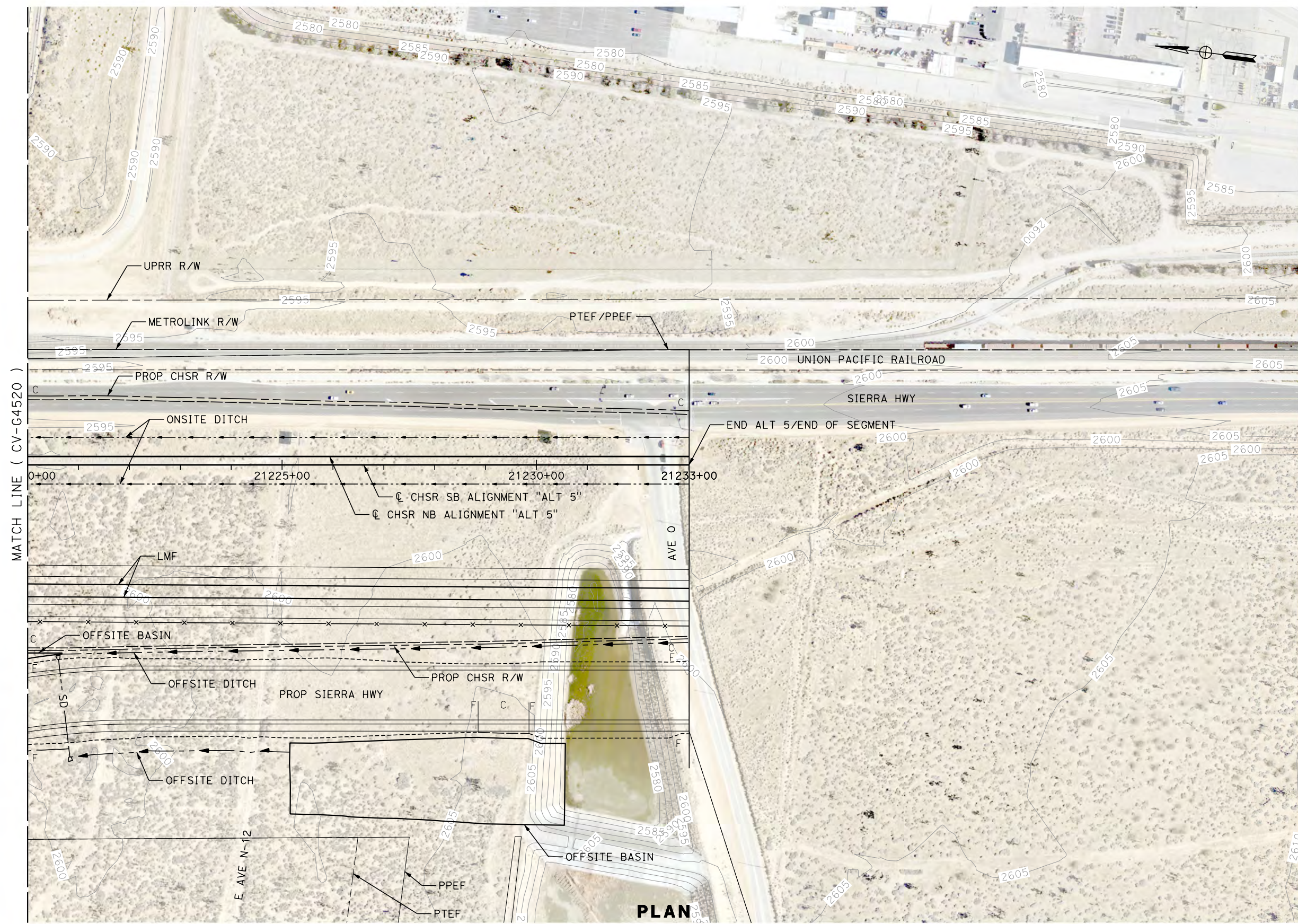
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SHEET NO.



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OIC: Adodge



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21220+00 TO 21245+00  
PLAN

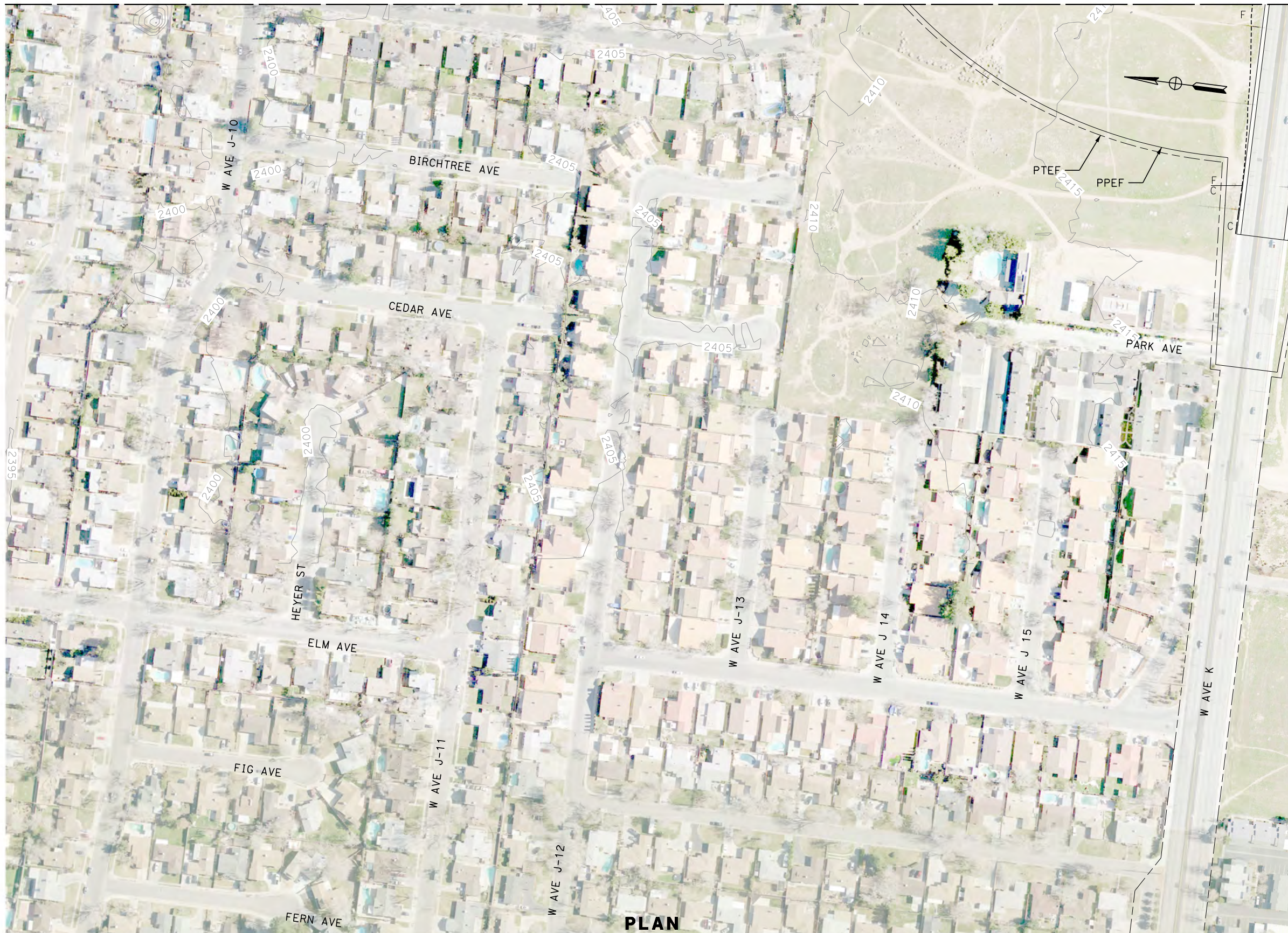
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HSR13-44  
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AS SHOWN  
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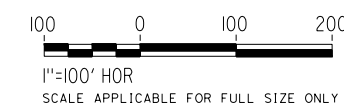
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OIC:Adodge 11/7/2017 10:47:34 PM

MATCH LINE ( CV-G4512 )



MATCH LINE ( CV-G4523 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 20995+00 TO 21020+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4522**

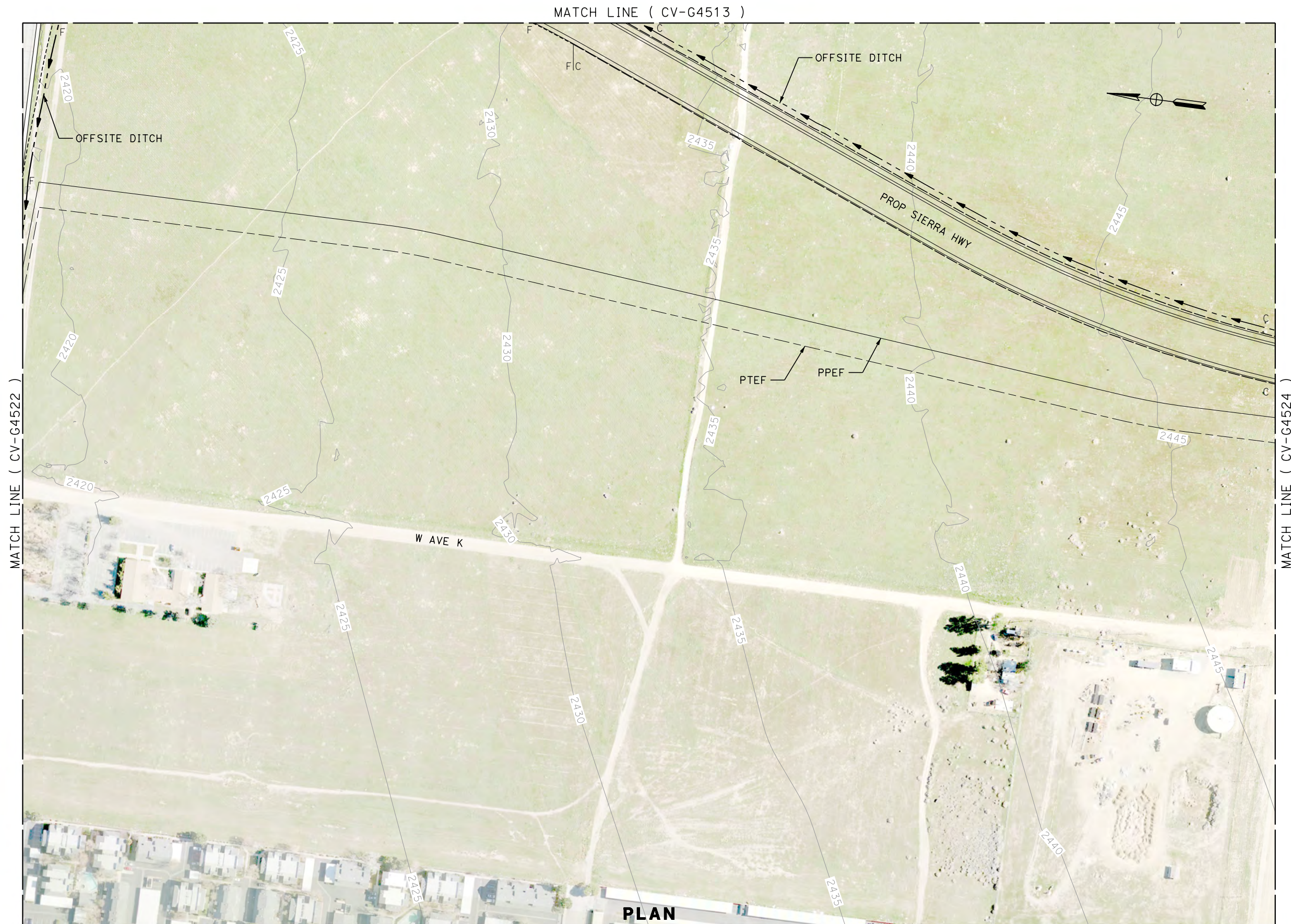
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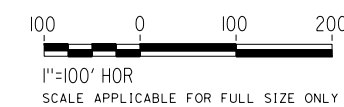


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OIC:Adodge 11/7/2017 10:57:53 PM



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21020+00 TO 21045+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4523**

SCALE  
**AS SHOWN**

SHEET NO.



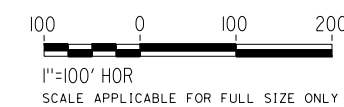
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MATCH LINE ( CV-G4514 )



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21045+00 TO 21070+00  
PLAN

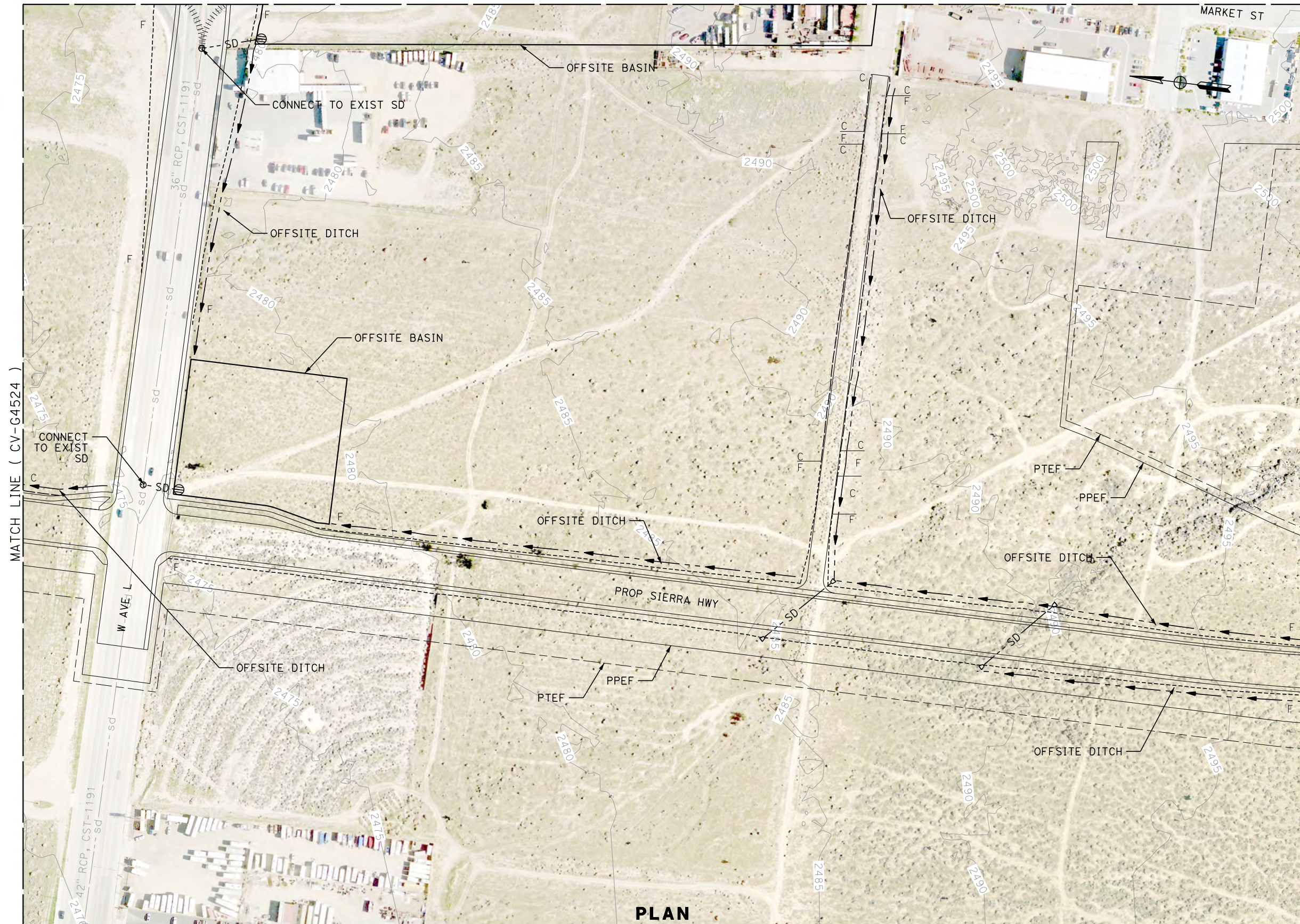
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DRAWING NO.  
CV-G4524  
SCALE  
AS SHOWN  
SHEET NO.



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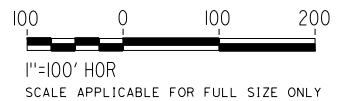
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MATCH LINE ( CV-G4515 )



MATCH LINE ( CV-G4524 )

MATCH LINE ( CV-G4526 )



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21070+00 TO 21095+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4525  
SCALE  
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SHEET NO.



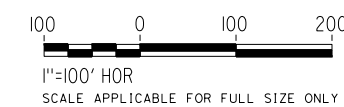
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MATCH LINE ( CV-G4516 )



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21095+00 TO 21120+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4526**

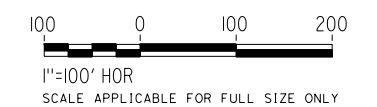
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SHEET NO.



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OIC:ADodge 11/7/2017 10:50:17 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

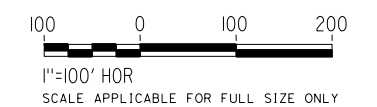
ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21120+00 TO 21145+00  
PLAN

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



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OIC:Adodge 11/7/2017 10:58:11 PM



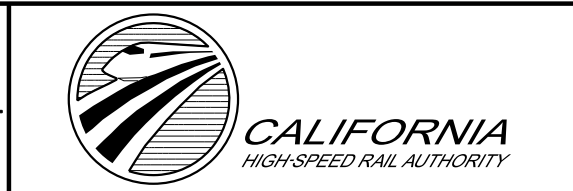
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21145+00 TO 21170+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
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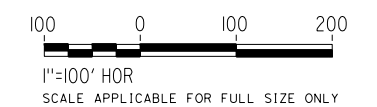
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OIC:Adodge 11/7/2017 10:50:15 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21170+00 TO 21195+00  
PLAN

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**CV-G4529**  
SCALE  
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SHEET NO.



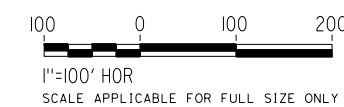
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OIC:Adodge 11/8/2017 12:38:18 PM

MATCH LINE ( CV-G4520 )



MATCH LINE ( CV-G4529 )



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21195+00 TO 21220+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
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SCALE  
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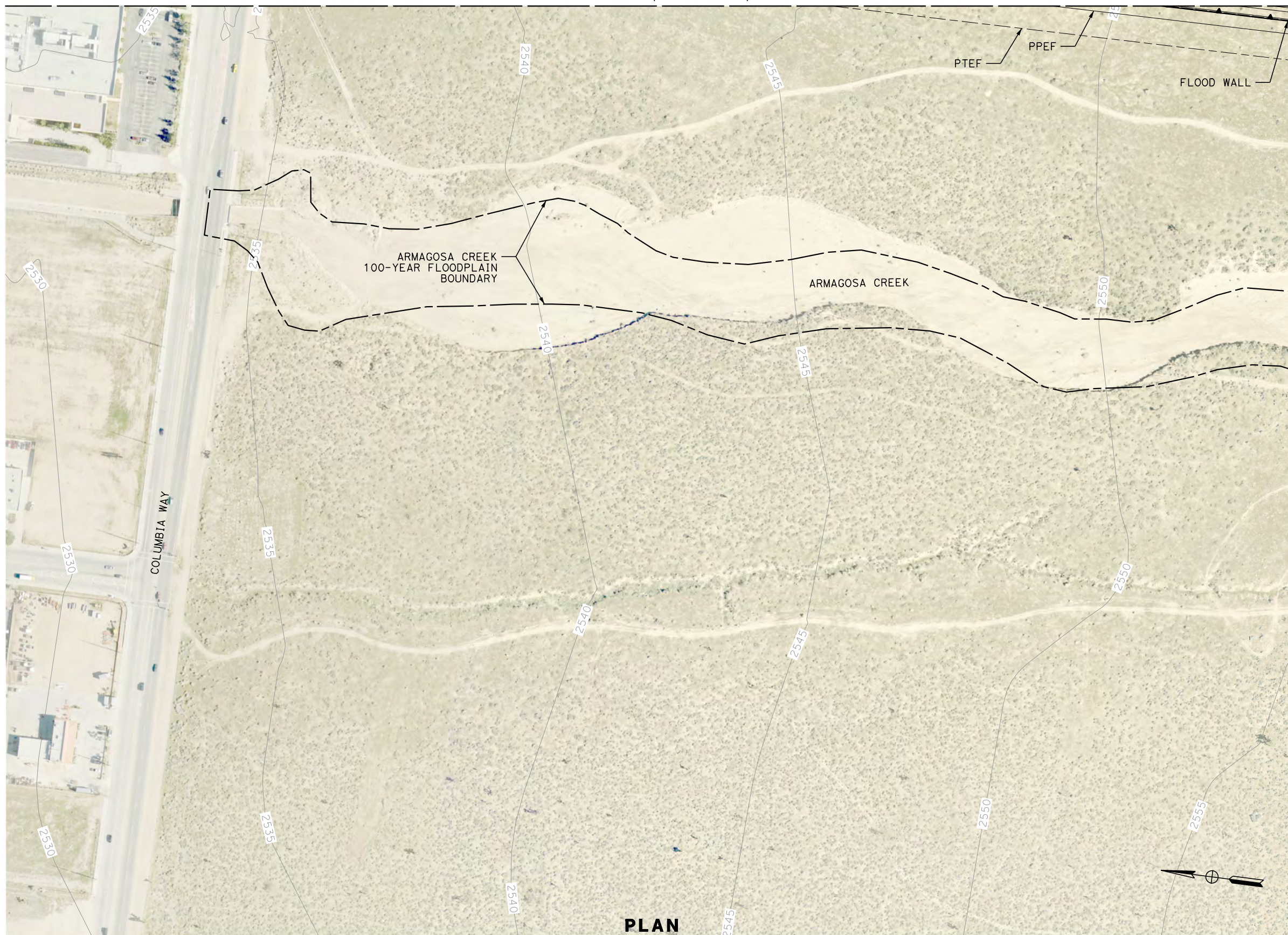
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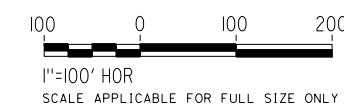
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OIC:Adodge 11/7/2017 10:53:35 PM

MATCH LINE ( CV-G4527 )



MATCH LINE ( CV-G4532 )



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21120+00 TO 21145+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4531**

SCALE  
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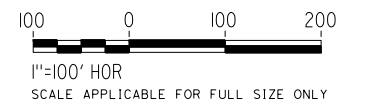
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OIC:Adodge 11/7/2017 10:58:34 PM

MATCH LINE ( CV-G4528 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21145+00 TO 21170+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4532**

SCALE  
**AS SHOWN**

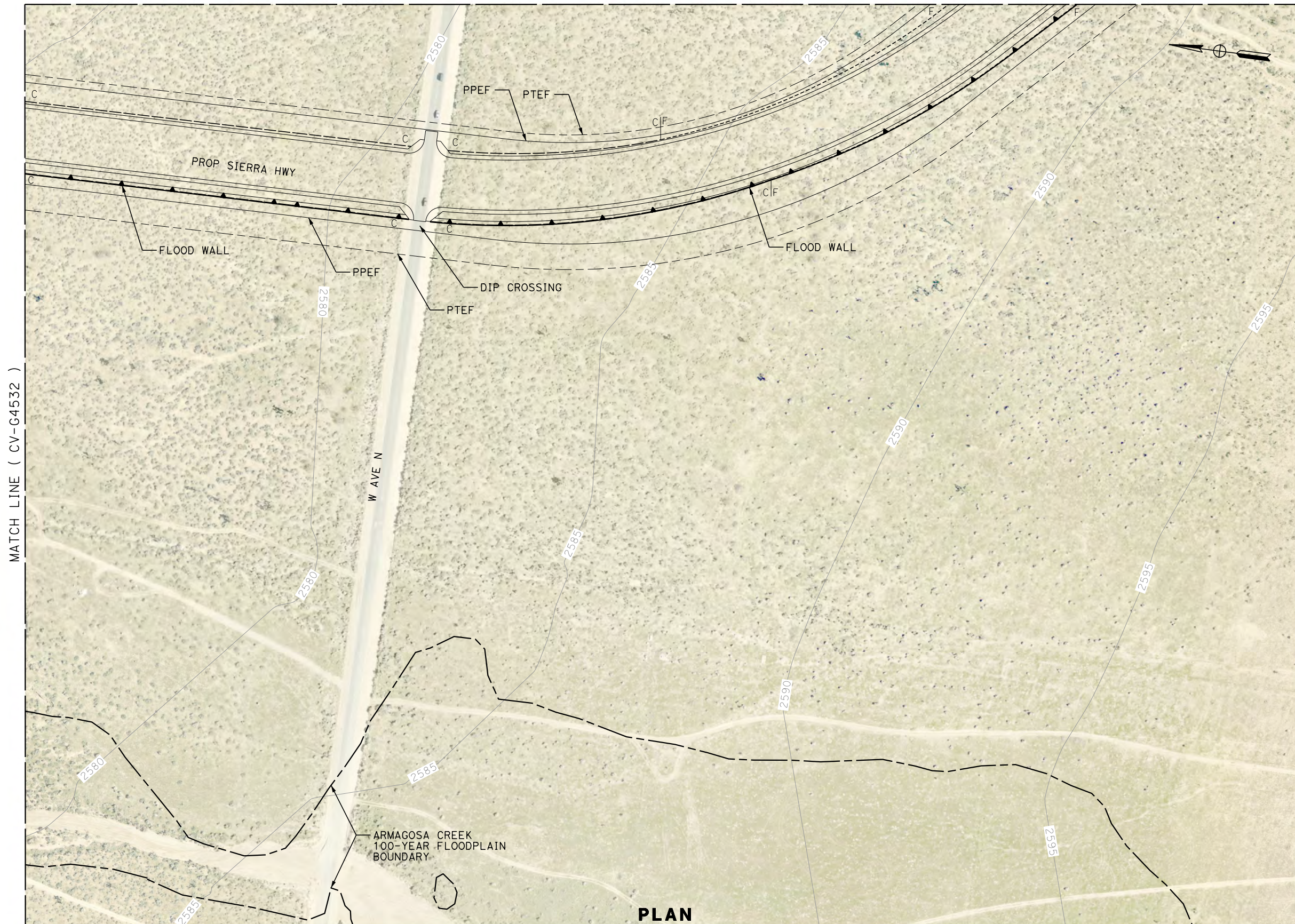
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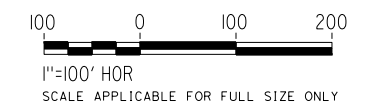
OIC:Adodge 11/7/2017 10:51:11 PM

MATCH LINE ( CV-G4529 )



MATCH LINE ( CV-G4532 )

PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

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**NOT FOR  
CONSTRUCTION**

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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
STA. 21170+00 TO 21195+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4533**

SCALE  
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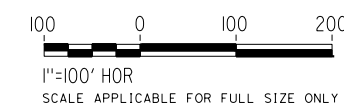


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**PLAN**



MATCH LINE ( CV-G4503 )

MATCH LINE ( CV-G4535 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
ROAD CROSSING STA. 20805+00  
PLAN

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4534**

SCALE  
**AS SHOWN**

SHEET NO.



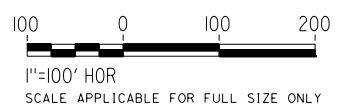
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OIC:ADodge 11/7/2017 10:51:13 PM



MATCH LINE ( CV-G4534 )

MATCH LINE ( CV-G4504 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**R. KRAFT**  
DRAWN BY  
**A. CAROLINO**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
GRADING AND DRAINAGE  
ROAD CROSSING STA. 20805+00  
PLAN

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4535  
SCALE  
AS SHOWN  
SHEET NO.