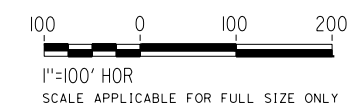
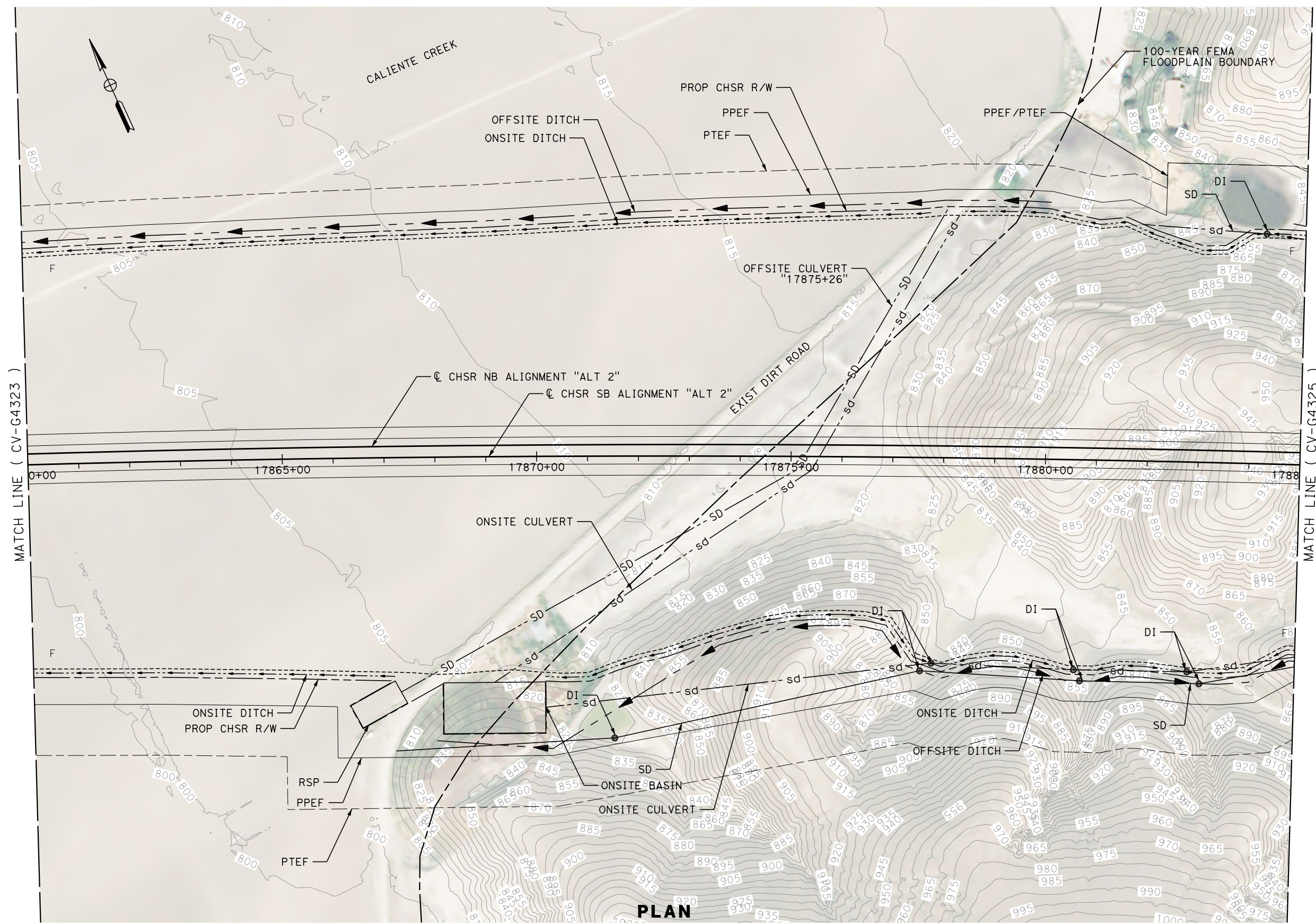


Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4324

1/13/2021 4:41:38 PM

1/13/2021

Glenn.Yamanaka@tylin.com



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**

DRAWN BY  
**V. CERON**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**G. CAMPBELL**

DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

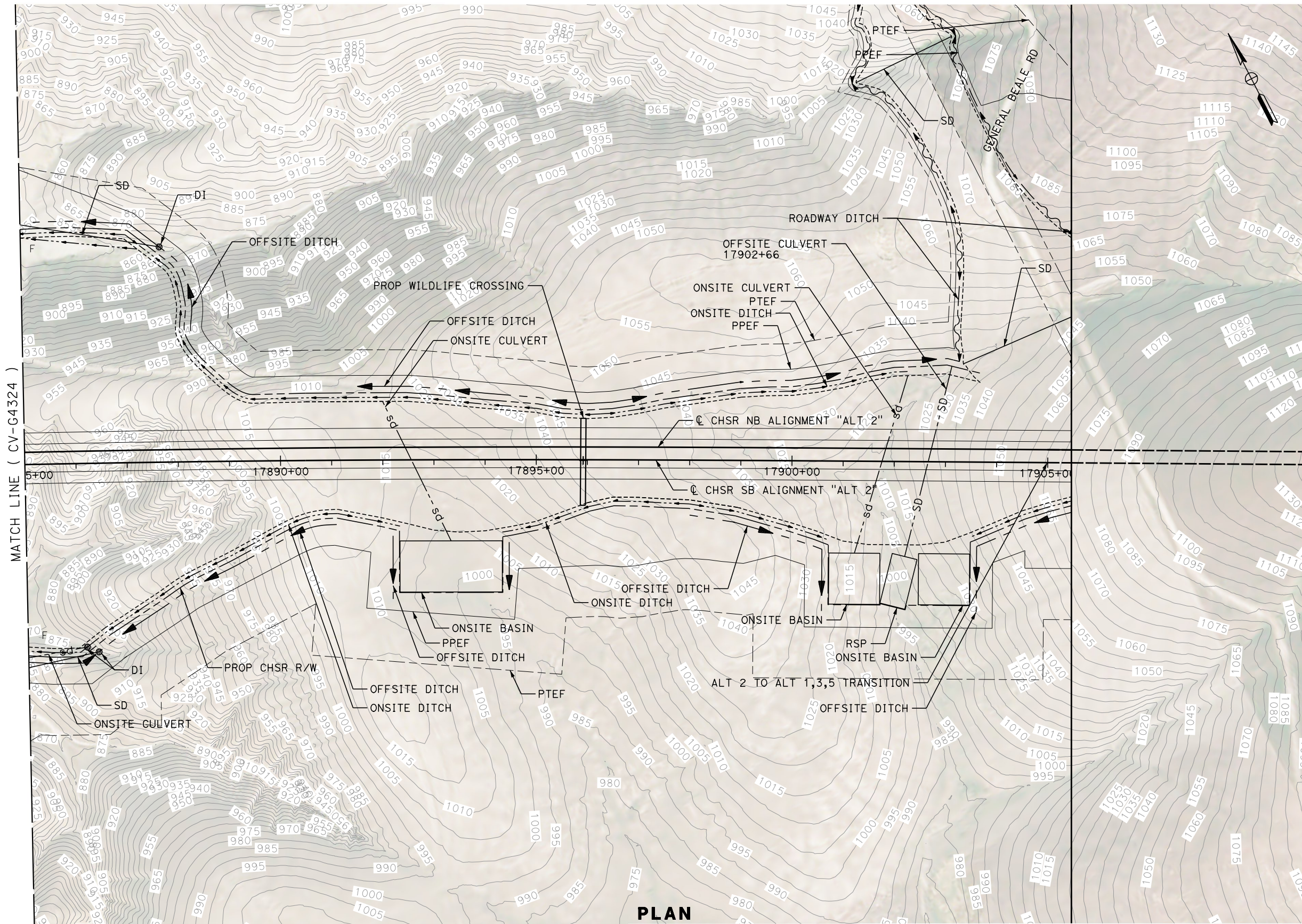
ALTERNATIVE 2  
GRADING AND DRAINAGE  
PLAN  
STA 17860+00 TO 17885+00

CONTRACT NO.  
HSR13-44

DRAWING NO.  
CV-G4324

SCALE  
AS SHOWN

SHEET NO.  
518



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 2  
GRADING AND DRAINAGE  
PLAN  
STA 17885+00 TO 17910+00

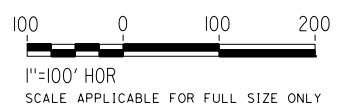
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4325  
SCALE  
AS SHOWN  
SHEET NO.  
519

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4326

4:42:36 PM

1/13/2021

Glenn.Yamanaka@tylin.com



**PLAN**

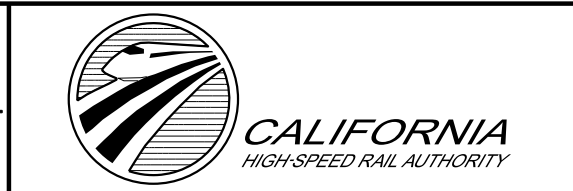
MATCH LINE ( CV-G4305 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. YAMANAKA**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

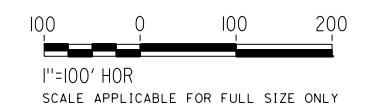
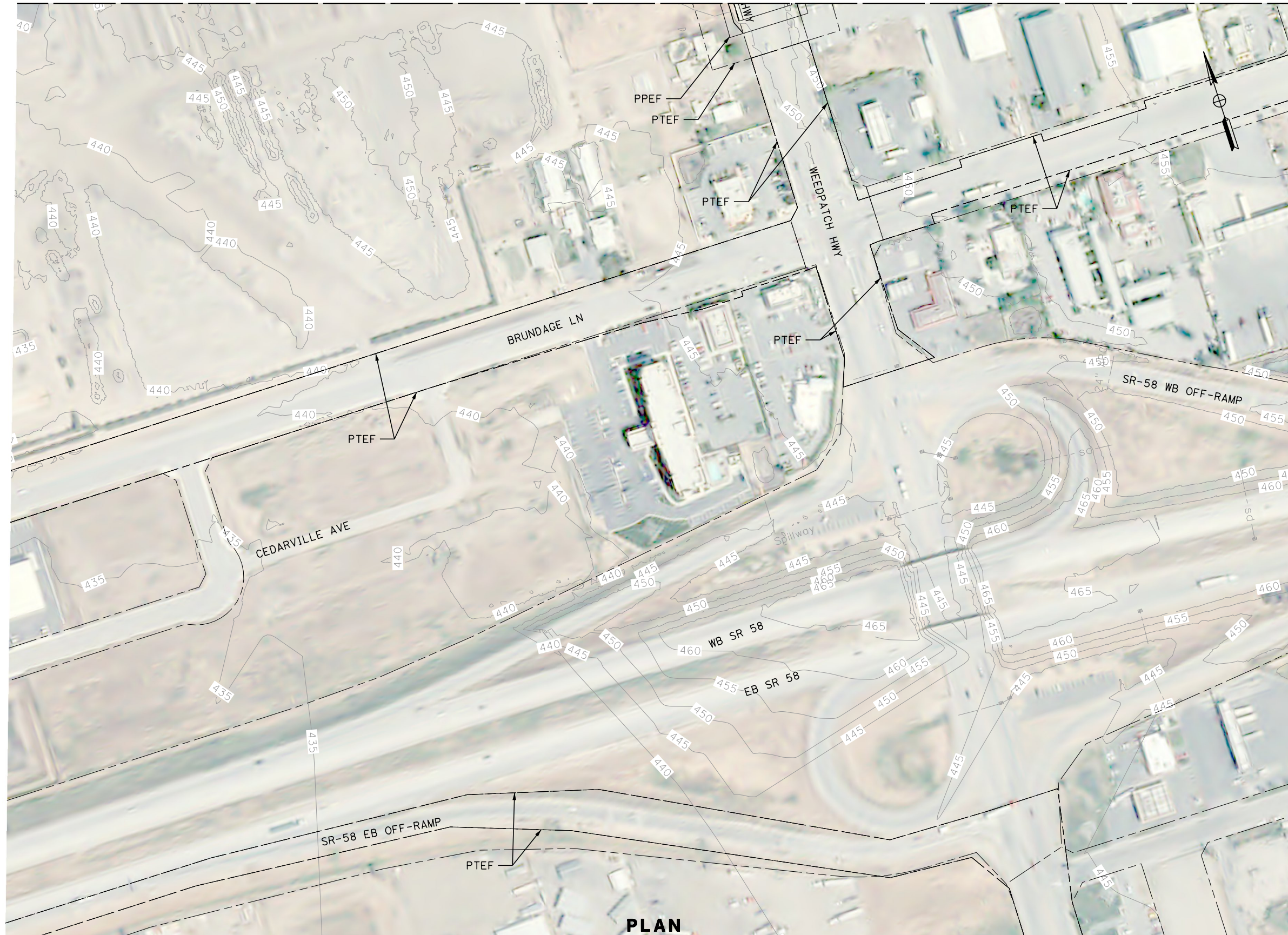


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 2  
GRADING AND DRAINAGE  
PLAN  
ROAD CROSSING STA 17397+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4326  
SCALE  
AS SHOWN  
SHEET NO.  
520

MATCH LINE ( CV-G4305 )



**PLAN**

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4327

1/13/2021 4:41:44 PM

Glenn.Yamanaka@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

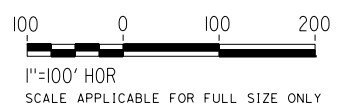
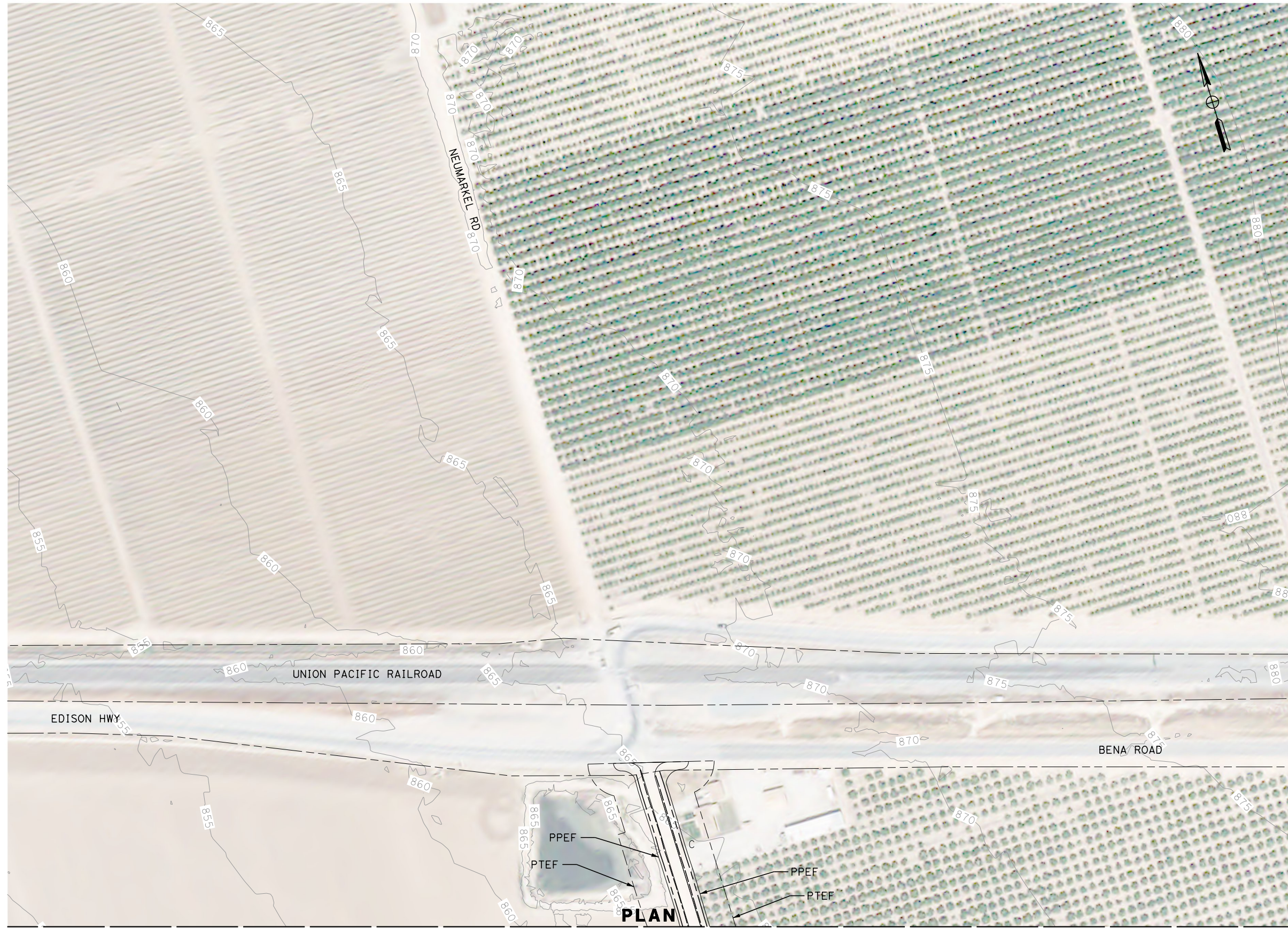
**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 2  
GRADING AND DRAINAGE  
PLAN  
ROAD CROSSING STA 17397+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4327  
SCALE  
AS SHOWN  
SHEET NO.  
521



MATCH LINE ( CV-G4320 )

MATCH LINE ( CV-G4321 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 2  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 17787+00

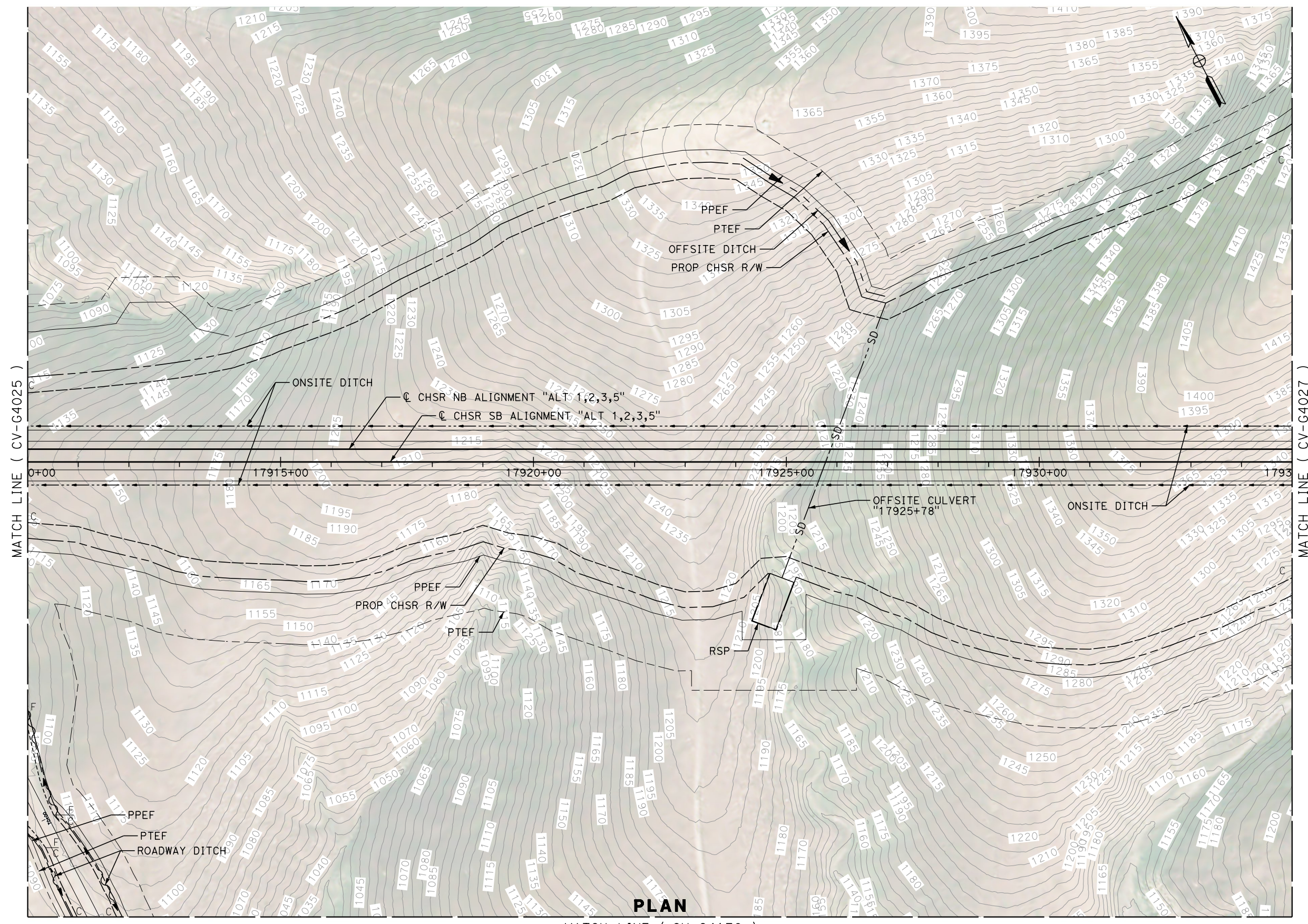
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4328  
SCALE  
AS SHOWN  
SHEET NO.  
522

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4026

5:40:05 PM

1/13/2021

Glenn.Yamanaka@tylin.com

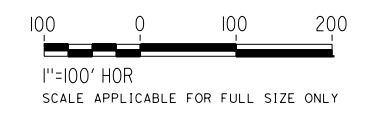


**PLAN**

MATCH LINE ( CV-G4025 )

MATCH LINE ( CV-G4027 )

MATCH LINE ( CV-G4176 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

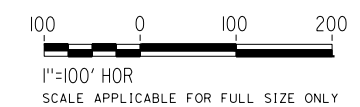
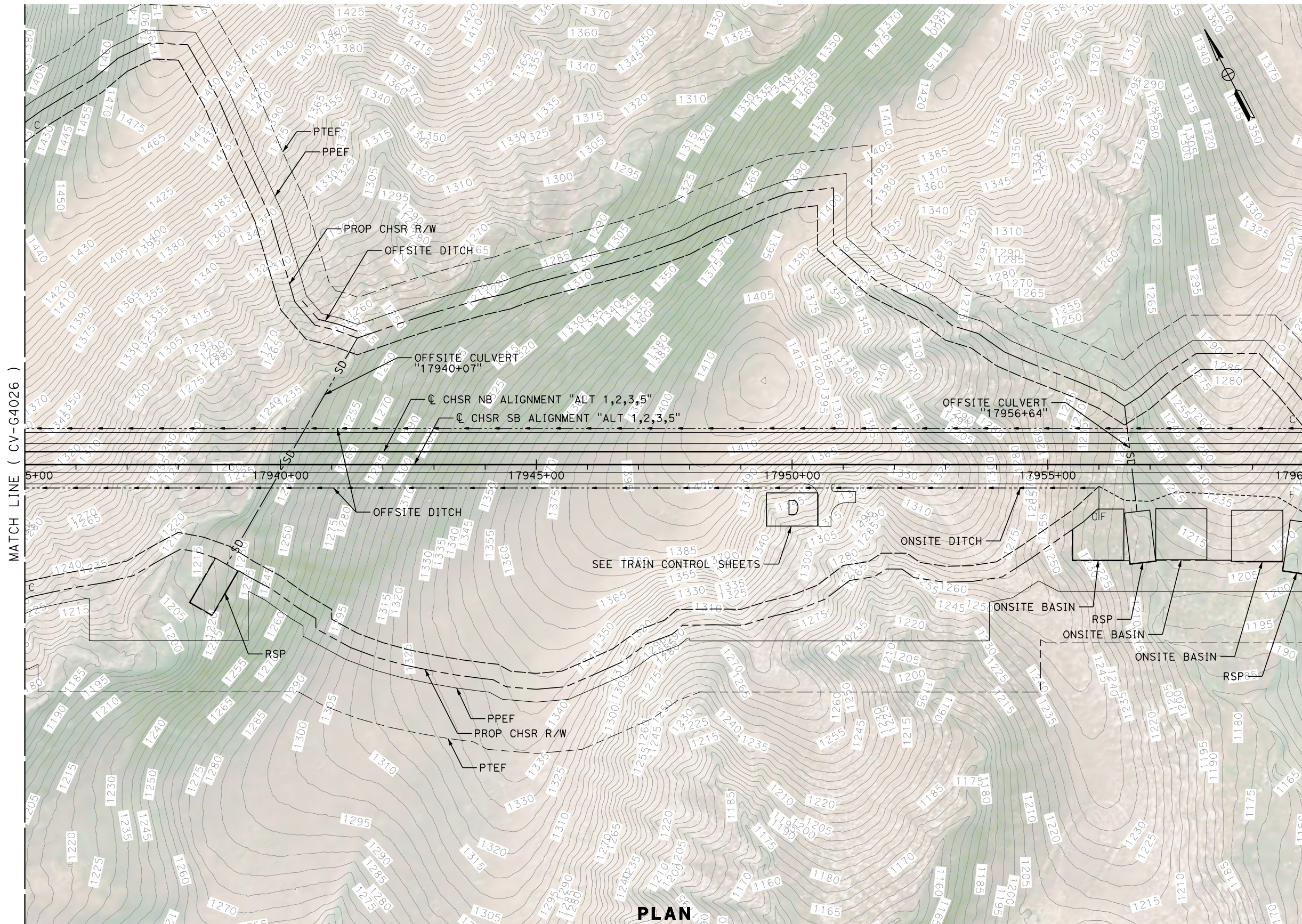
**RECORD SET**  
**PEPD**  
**SUBMITTAL**

**NOT FOR**  
**CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 17910+00 TO 17935+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4026  
SCALE  
AS SHOWN  
SHEET NO.  
523



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

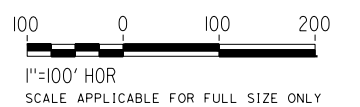
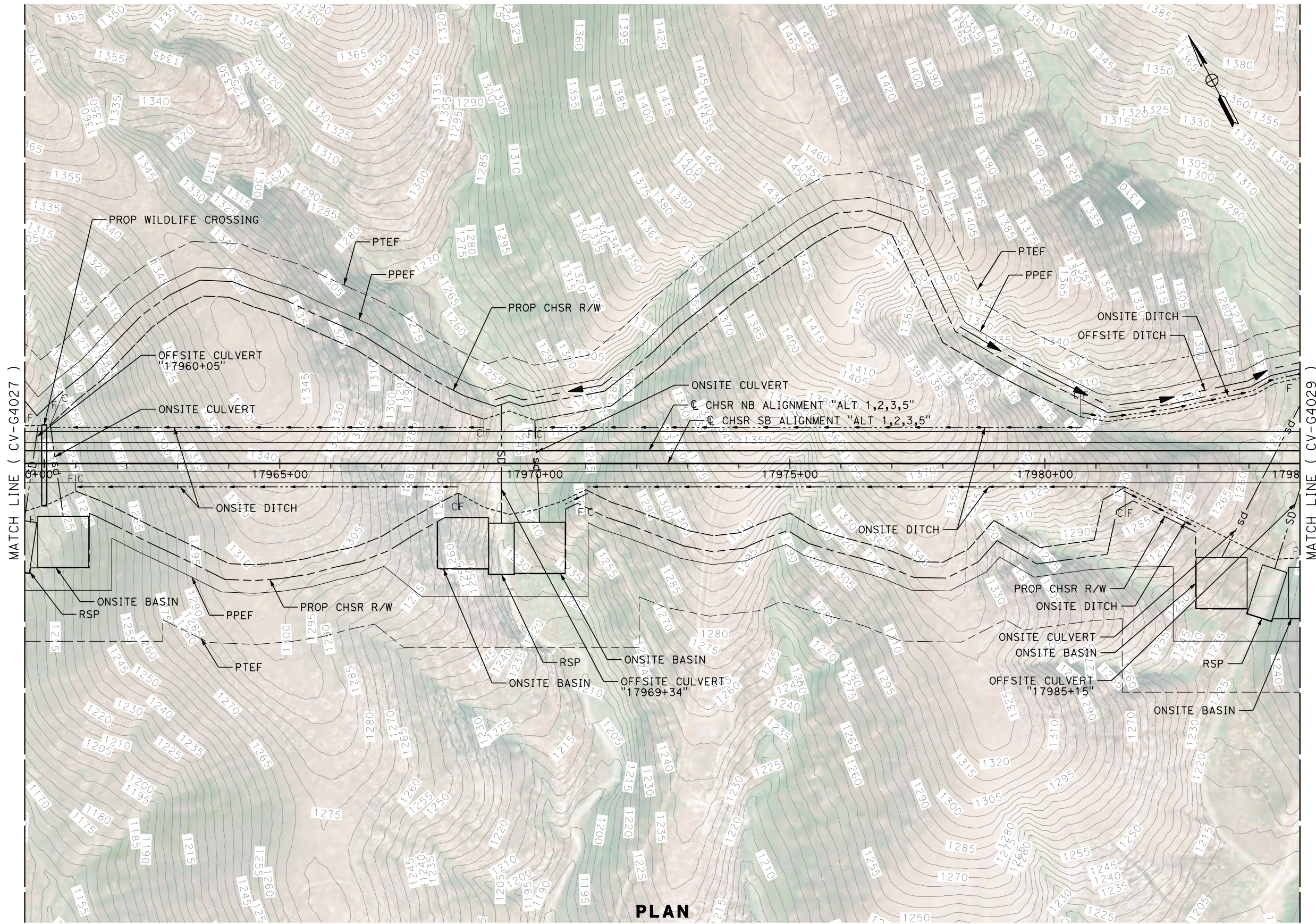
**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 17935+00 TO 17960+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4027  
SCALE  
AS SHOWN  
SHEET NO.  
524



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

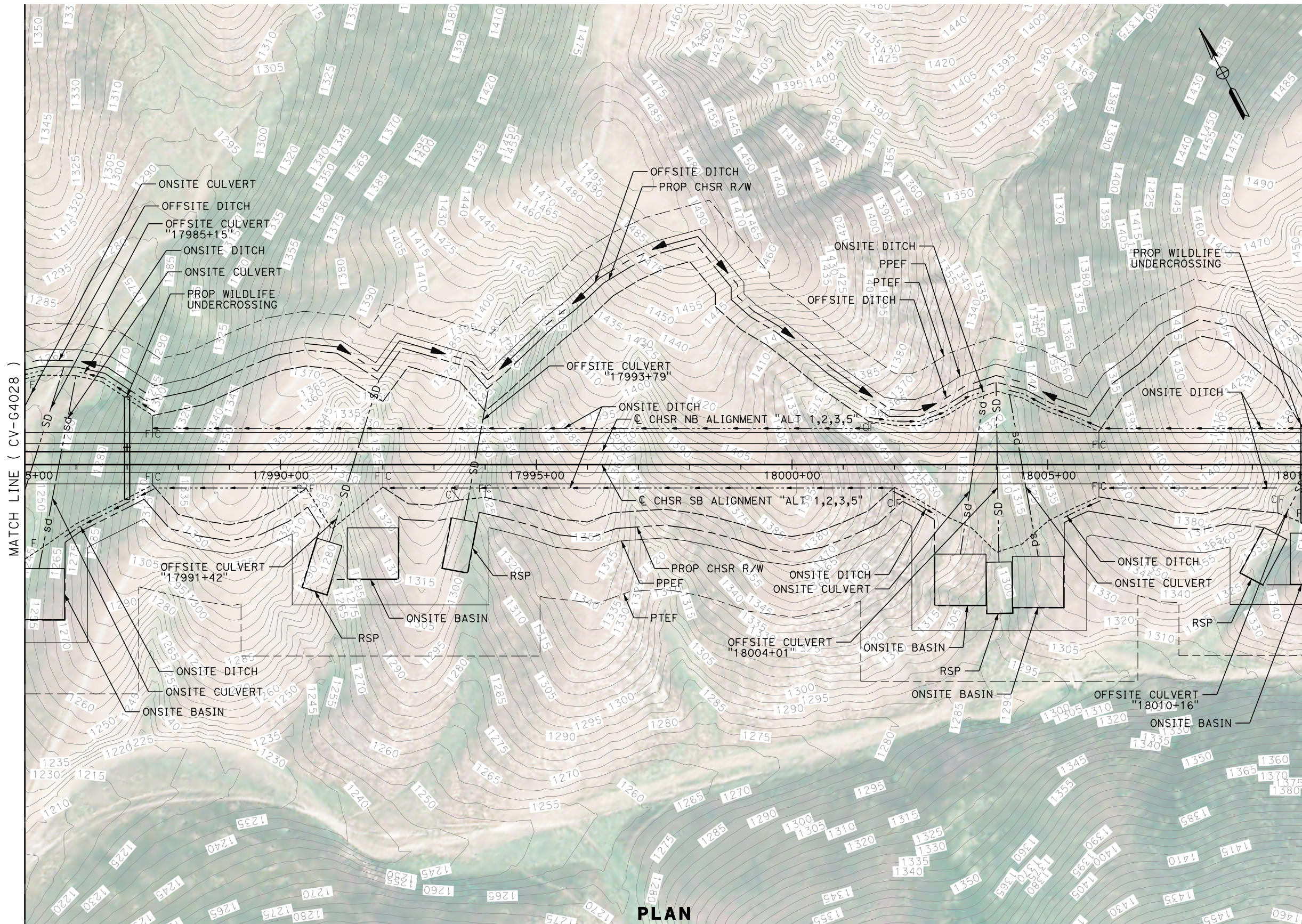


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

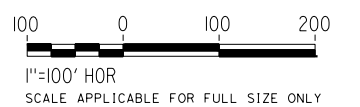
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GRADING AND DRAINAGE  
PLAN  
STA 17960+00 TO 17985+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4028  
SCALE  
AS SHOWN  
SHEET NO.  
525





**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**12/21/2020**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

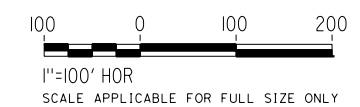
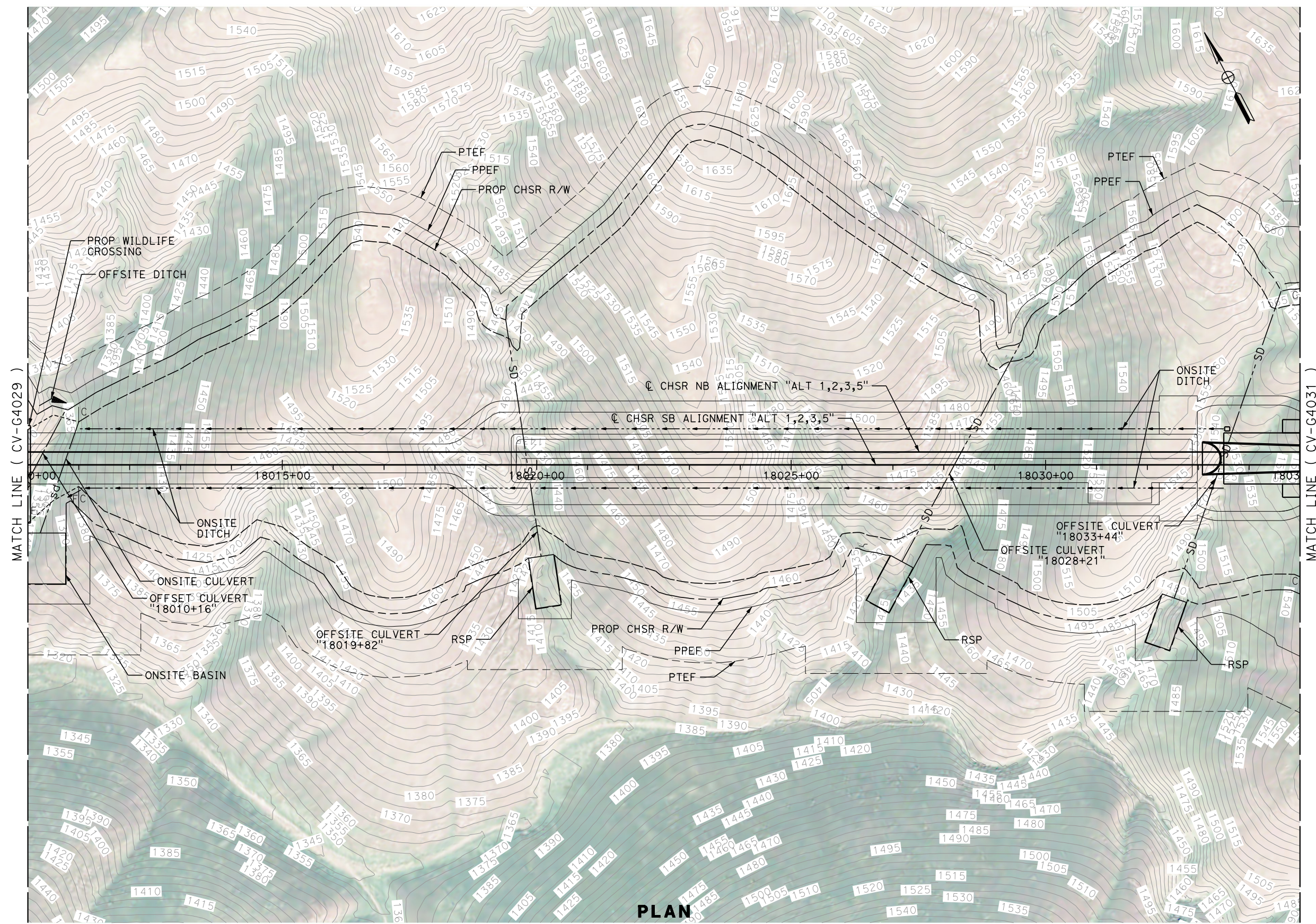
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GRADING AND DRAINAGE  
PLAN  
STA 17985+00 TO 18010+00

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4029**

SCALE  
**AS SHOWN**

SHEET NO.  
**526**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

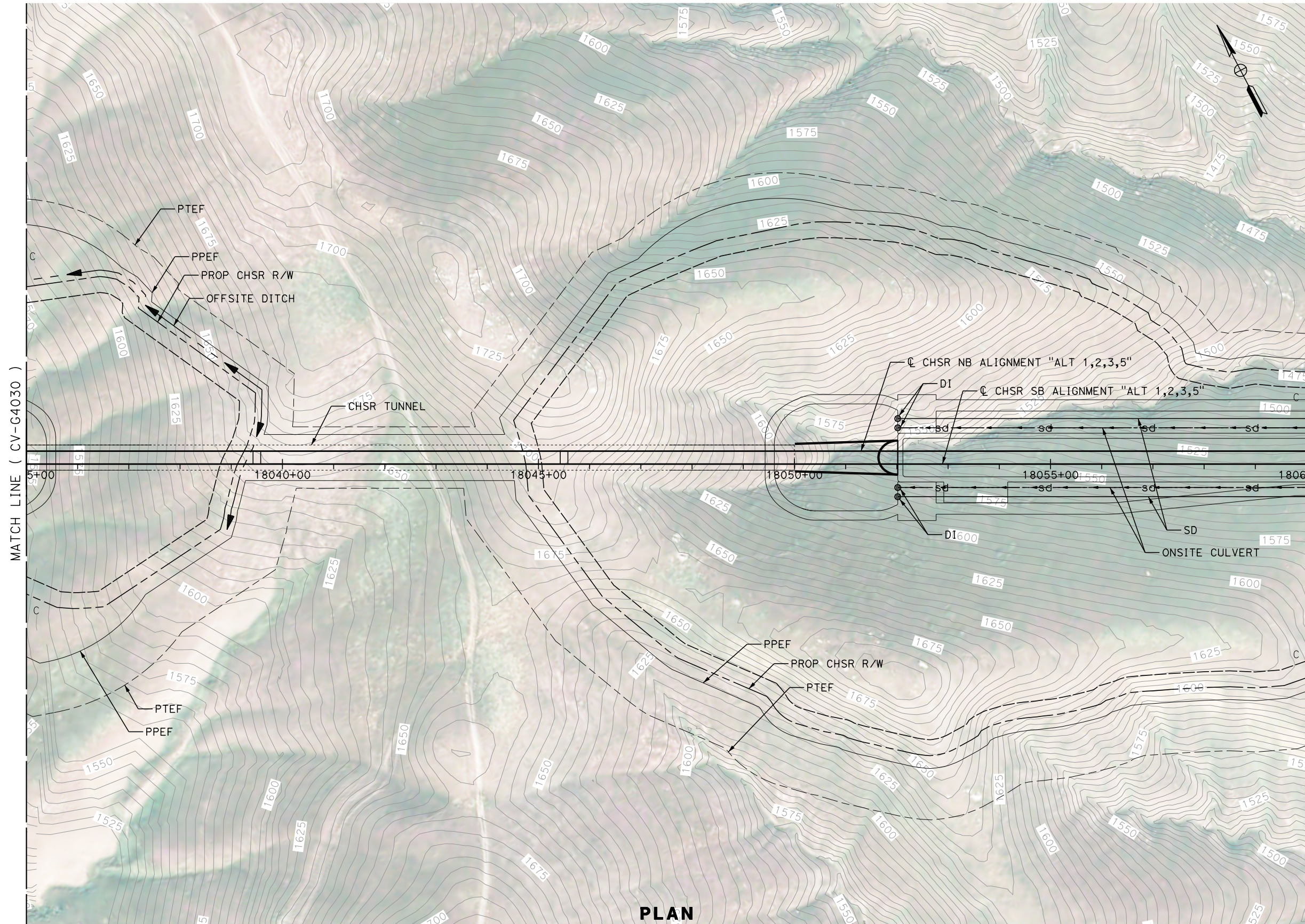
**NOT FOR  
CONSTRUCTION**



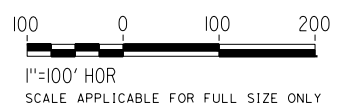
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18010+00 TO 18035+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4030  
SCALE  
AS SHOWN  
SHEET NO.  
527



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18035+00 TO 18060+00

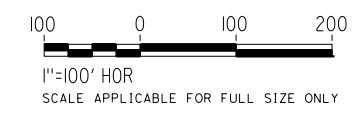
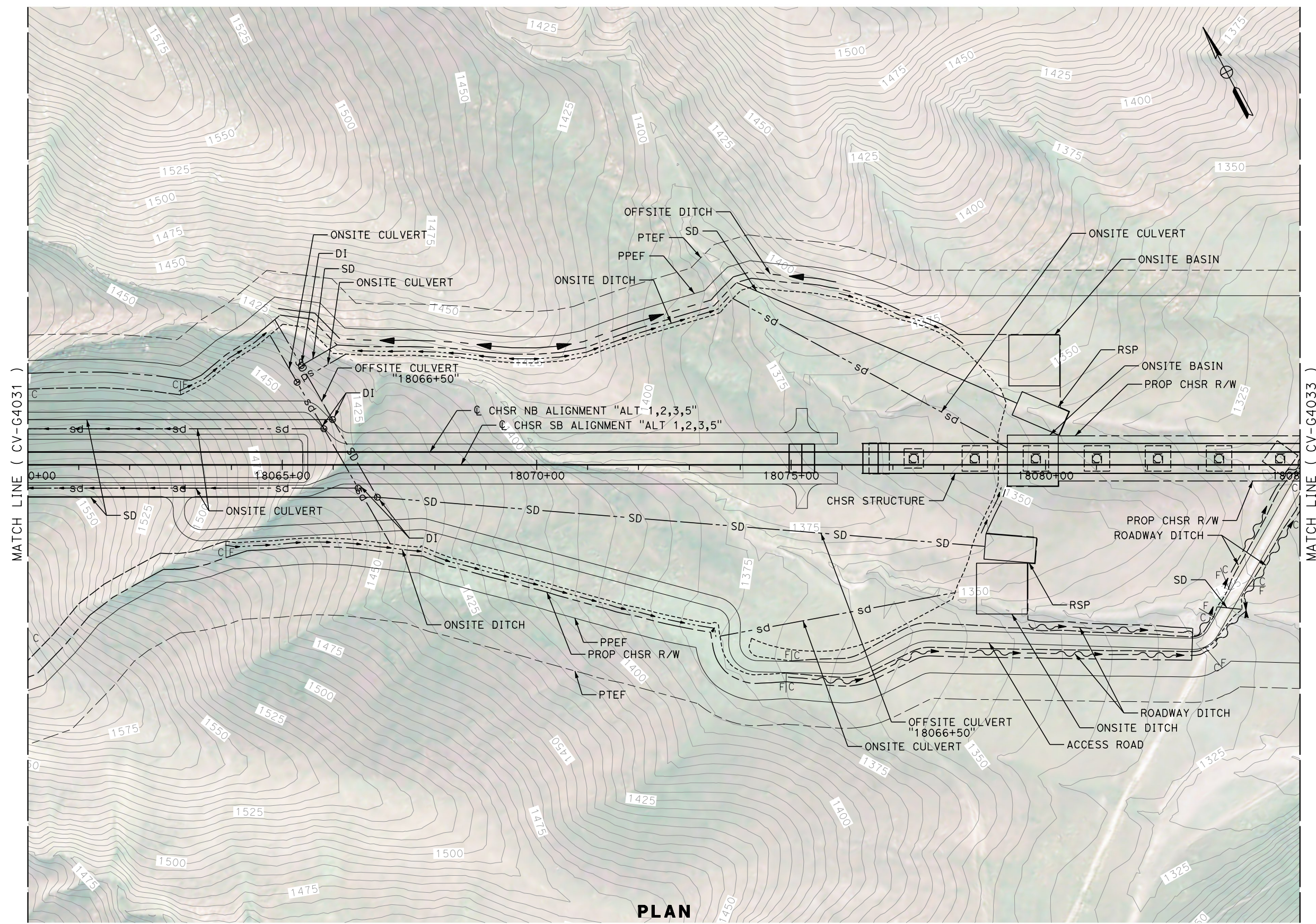
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HSR13-44  
DRAWING NO.  
CV-G4031  
SCALE  
AS SHOWN  
SHEET NO.  
528

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4032

5:40:50 PM

1/13/2021

Glenn.Yamanaka@tylin.com



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18060+00 TO 18085+00

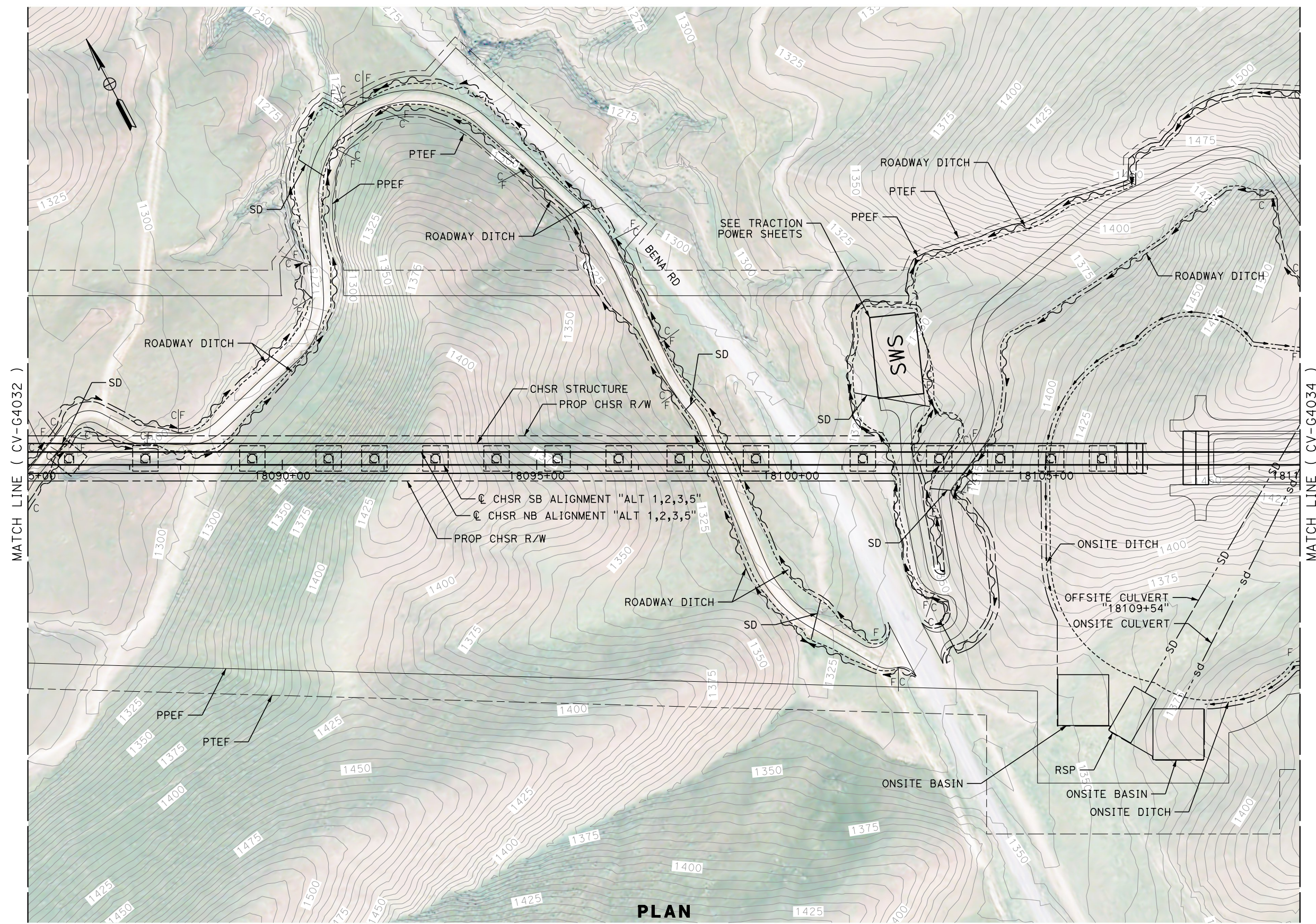
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AS SHOWN  
SHEET NO.  
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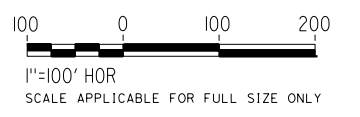
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1/14/2021

Glenn.Yamanaka@tylin.com



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**

DRAWN BY  
**V. CERON**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**G. CAMPBELL**

DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18085+00 TO 18110+00

CONTRACT NO.  
HSR13-44

DRAWING NO.  
CV-G4033

SCALE  
AS SHOWN

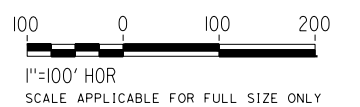
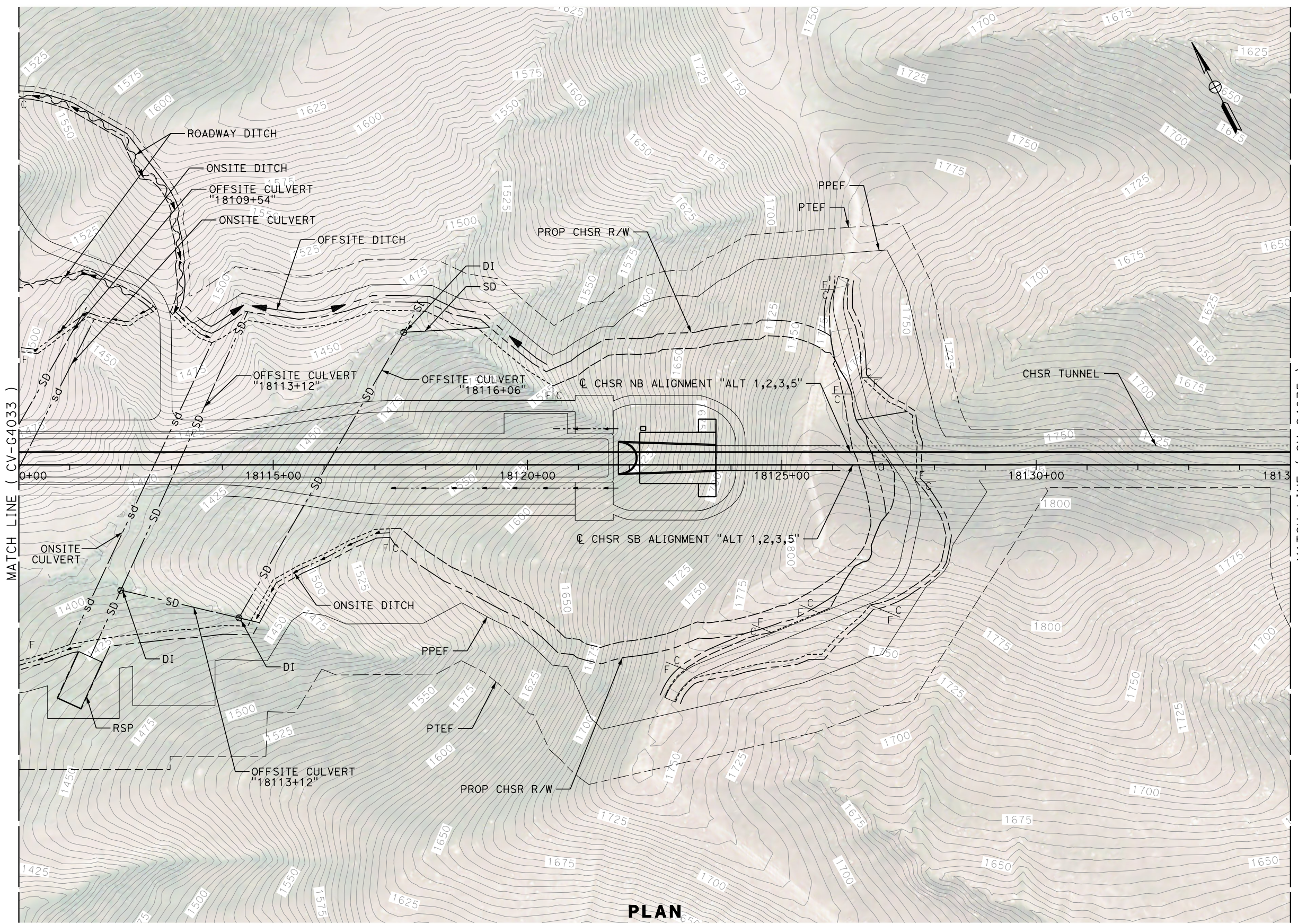
SHEET NO.  
530

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4034

5:41:17 PM

1/13/2021

Glenn.Yamanaka@tylin.com



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**

DRAWN BY  
**V. CERON**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**G. CAMPBELL**

DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

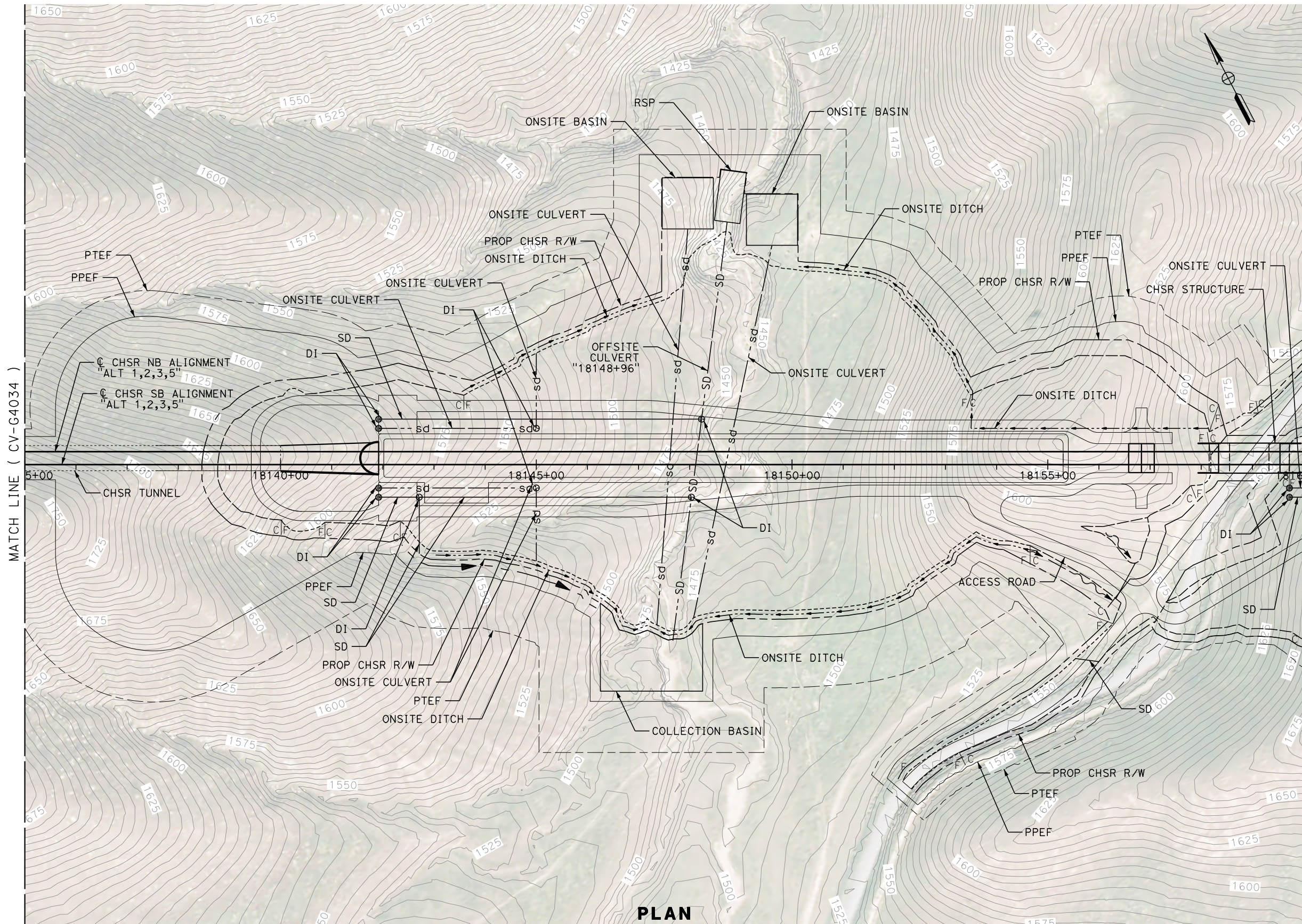
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GRADING AND DRAINAGE  
PLAN  
STA 18110+00 TO 18135+00

CONTRACT NO.  
HSR13-44

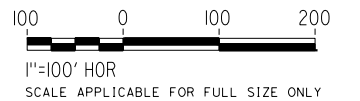
DRAWING NO.  
CV-G4034

SCALE  
AS SHOWN

SHEET NO.  
531



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

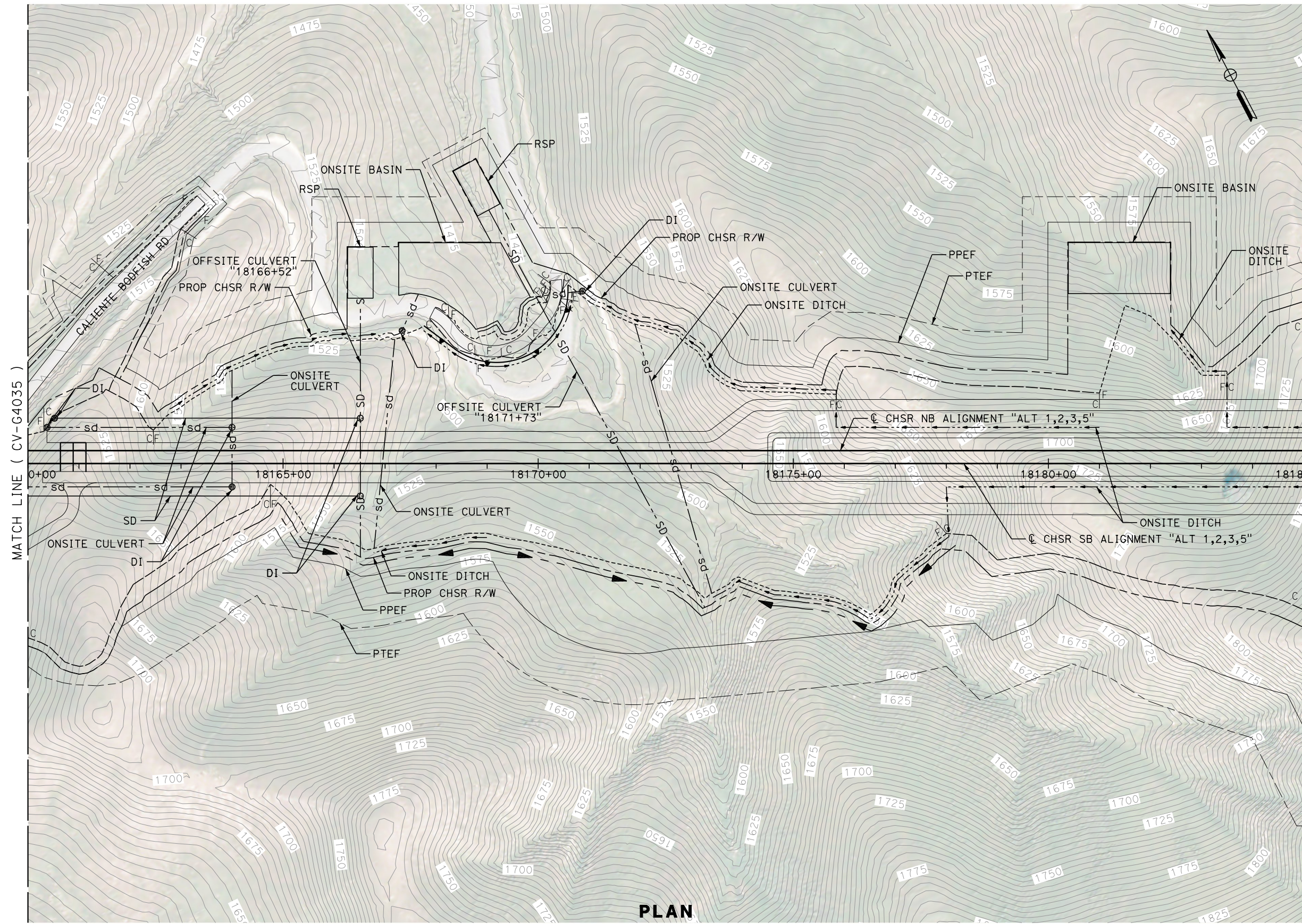
**NOT FOR  
CONSTRUCTION**



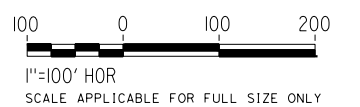
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18135+00 TO 18160+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4035  
SCALE  
AS SHOWN  
SHEET NO.  
532



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18160+00 TO 18185+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4036  
SCALE  
AS SHOWN  
SHEET NO.  
533

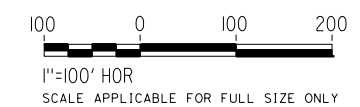
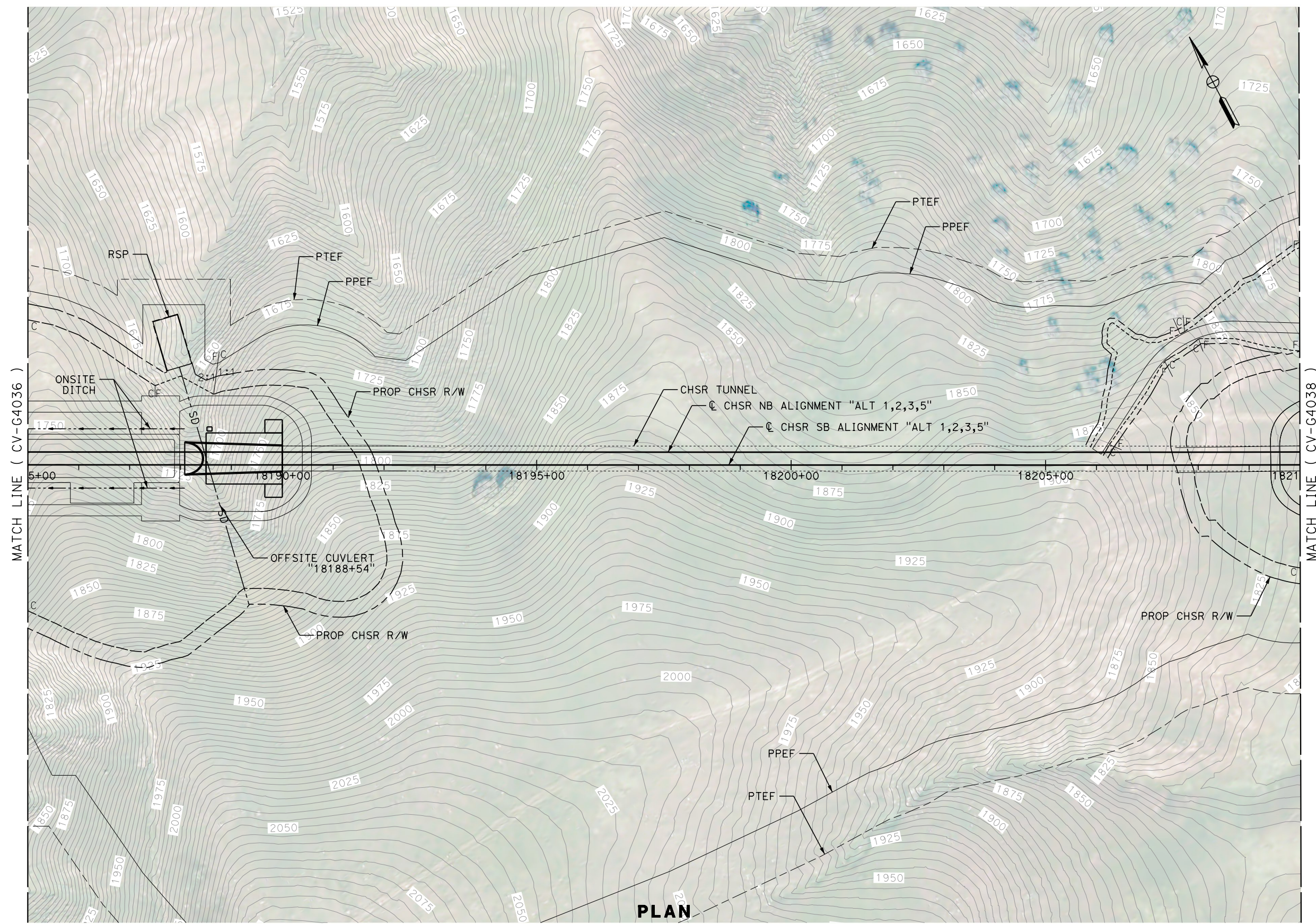


Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4037

5:38:52 PM

1/13/2021

Glenn.Yamanaka@tylin.com



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

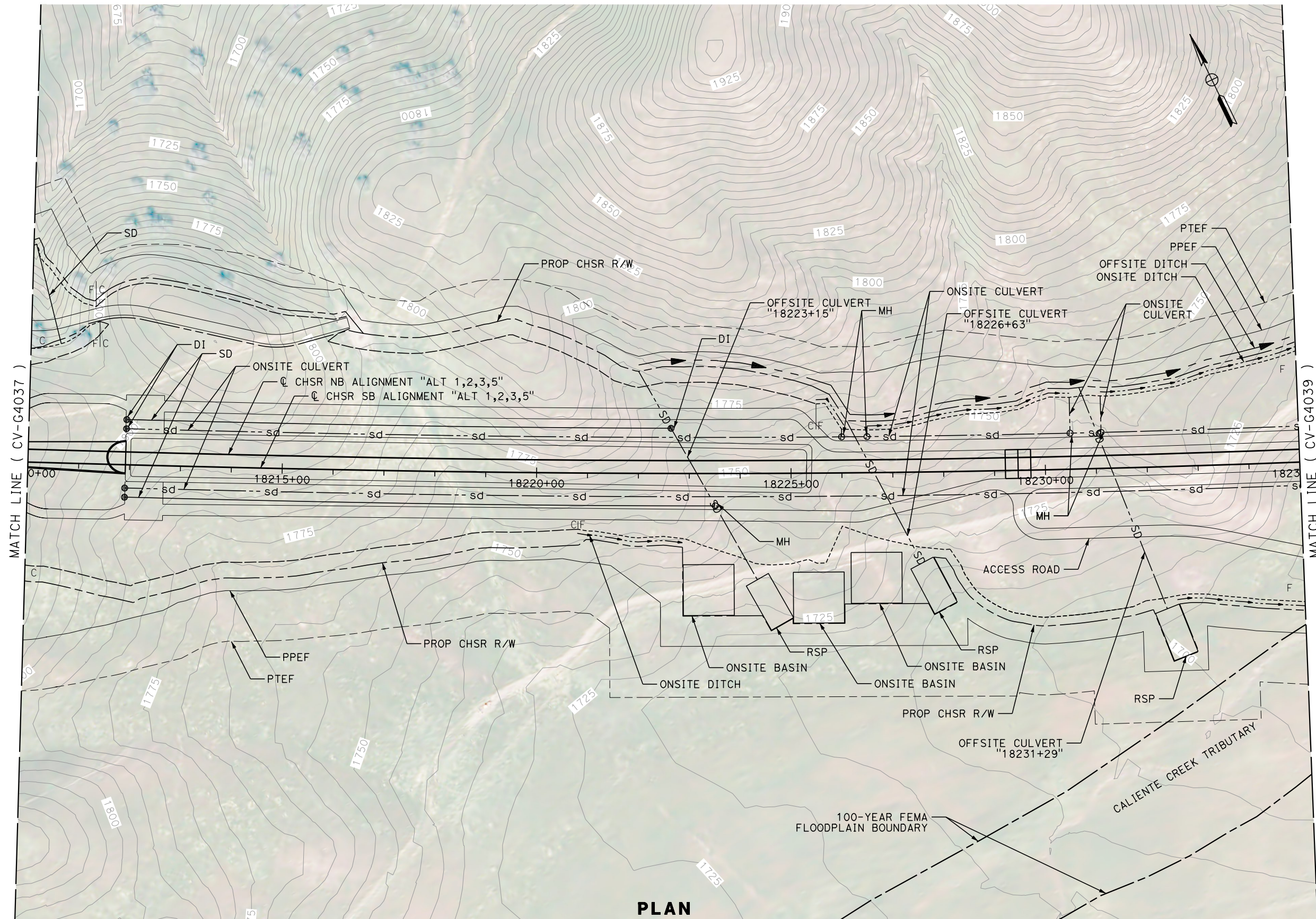
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CONSTRUCTION**



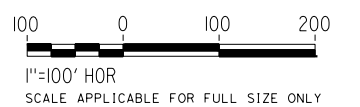
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18185+00 TO 18210+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4037  
SCALE  
AS SHOWN  
SHEET NO.  
534



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18210+00 TO 18235+00

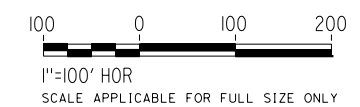
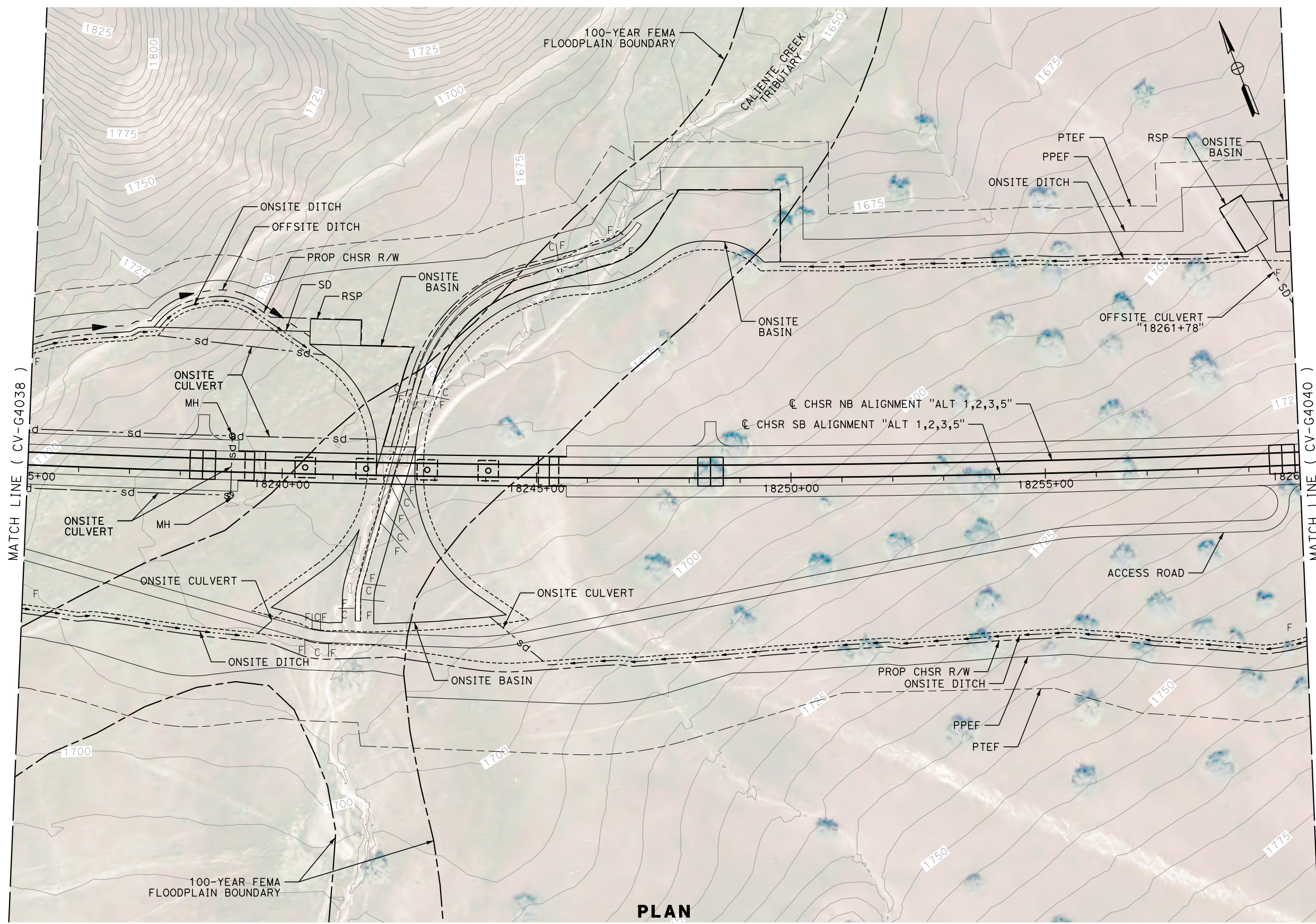
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4038  
SCALE  
AS SHOWN  
SHEET NO.  
535

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4039

5:39:02 PM

1/13/2021

Glenn.Yamanaka@tylin.com



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

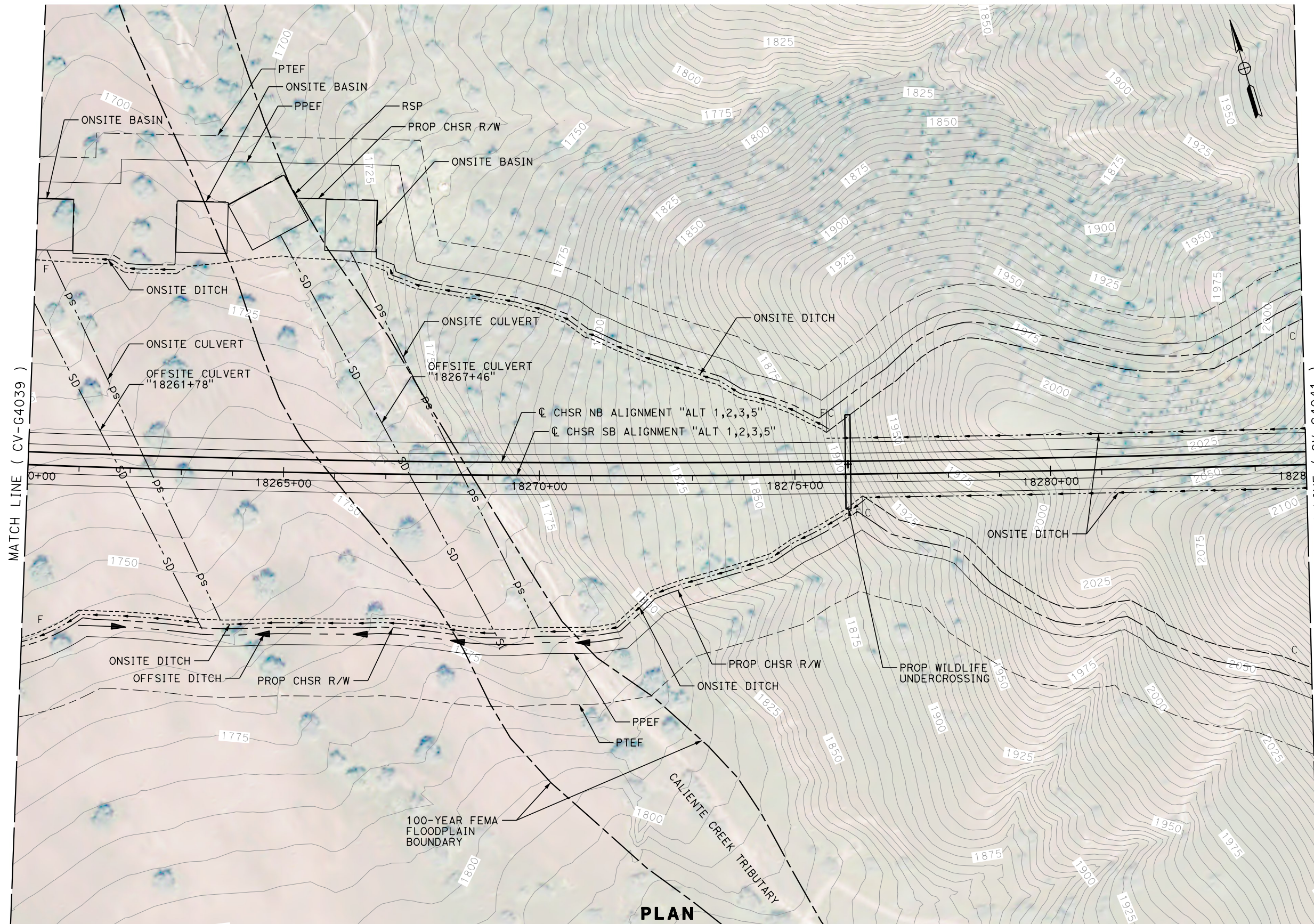
**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18235+00 TO 18260+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4039  
SCALE  
AS SHOWN  
SHEET NO.  
536



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**V. CERON**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18260+00 TO 18285+00

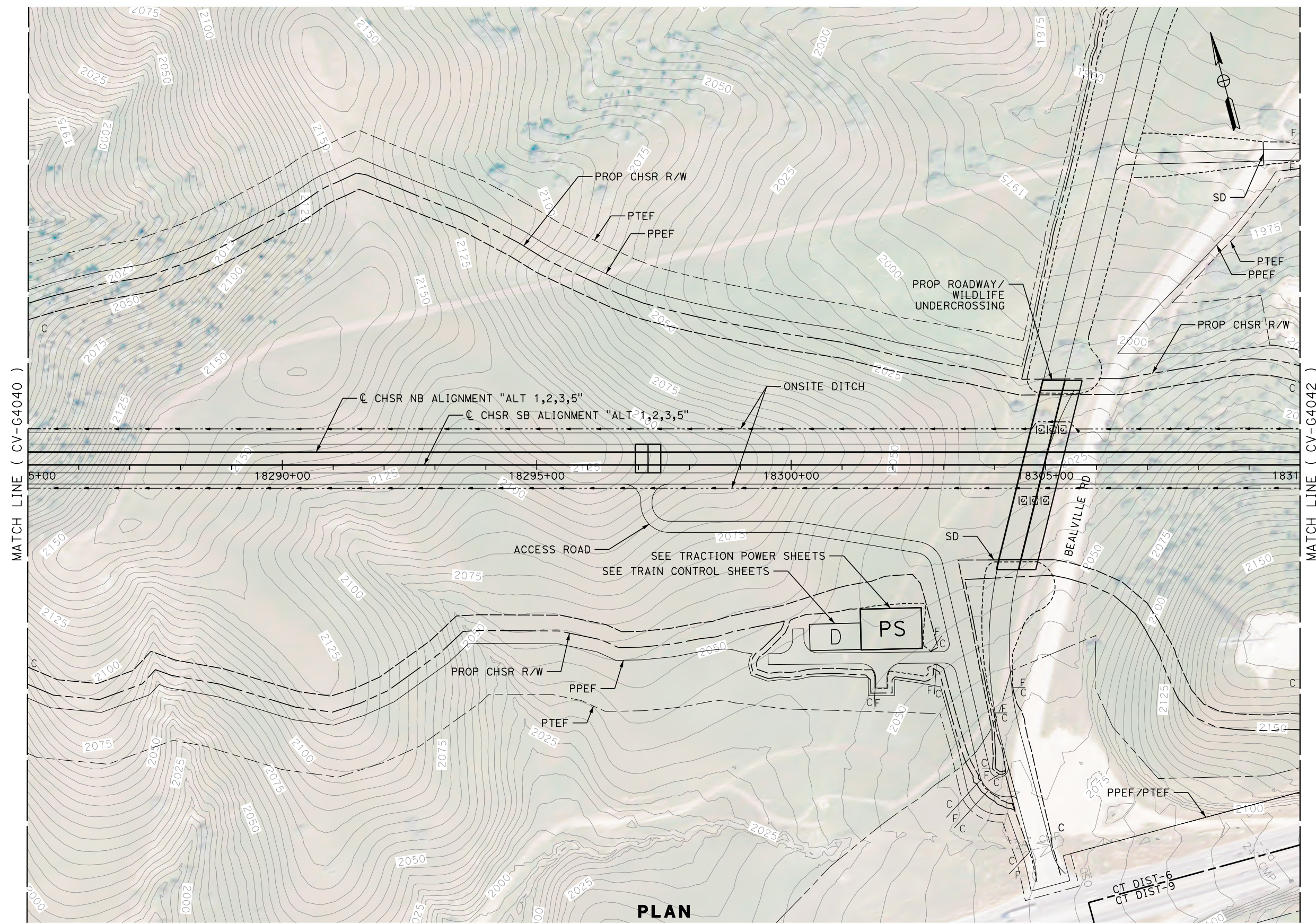
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DRAWING NO.  
CV-G4040  
SCALE  
AS SHOWN  
SHEET NO.  
537

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4041

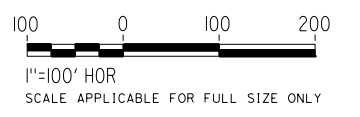
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1/13/2021

Glenn.Yamanaka@tylin.com



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**

DRAWN BY  
**V. CERON**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**G. CAMPBELL**

DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18285+00 TO 18310+00

CONTRACT NO.  
HSR13-44

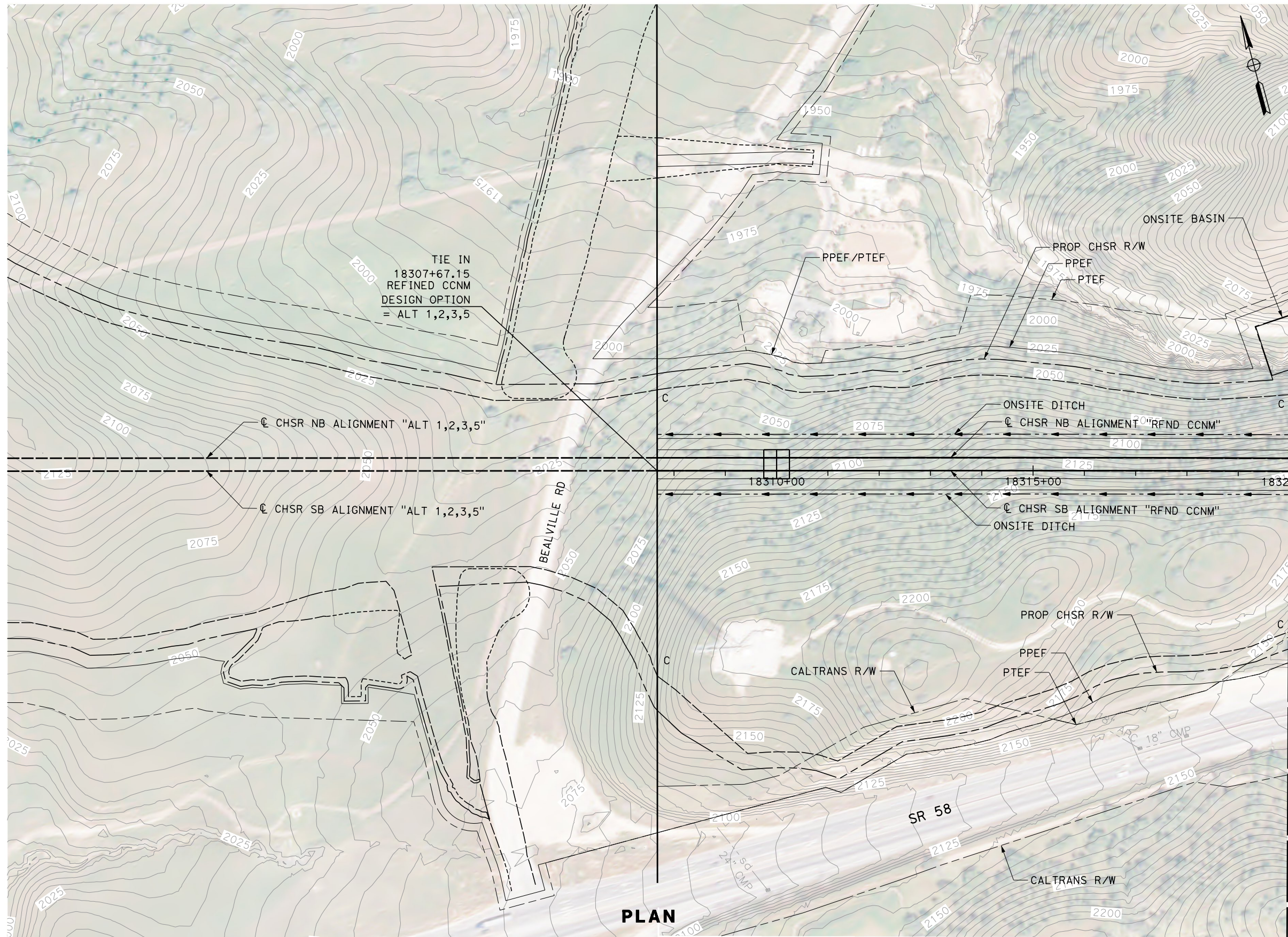
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SCALE  
AS SHOWN

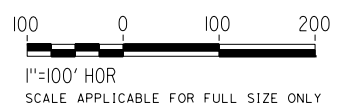
SHEET NO.  
538

Projects\701206.00\_CHSRBP\00\_CADD\CCNM\_Option D\Sheets\CV\G\BP-CV-G4701  
 12/22/2020 1:17:41 AM

Glenn.Yamanaka@tylin.com



MATCH LINE STA 18320+00  
 SEE SHEET CV-G4702



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
 DRAWN BY  
**A. RIVERA**  
 CHECKED BY  
**G. CAMPBELL**  
 IN CHARGE  
**G. CAMPBELL**  
 DATE  
**01/29/2021**

**RECORD SET  
 PEPD  
 SUBMITTAL**

**NOT FOR  
 CONSTRUCTION**

**TYLIN INTERNATIONAL**

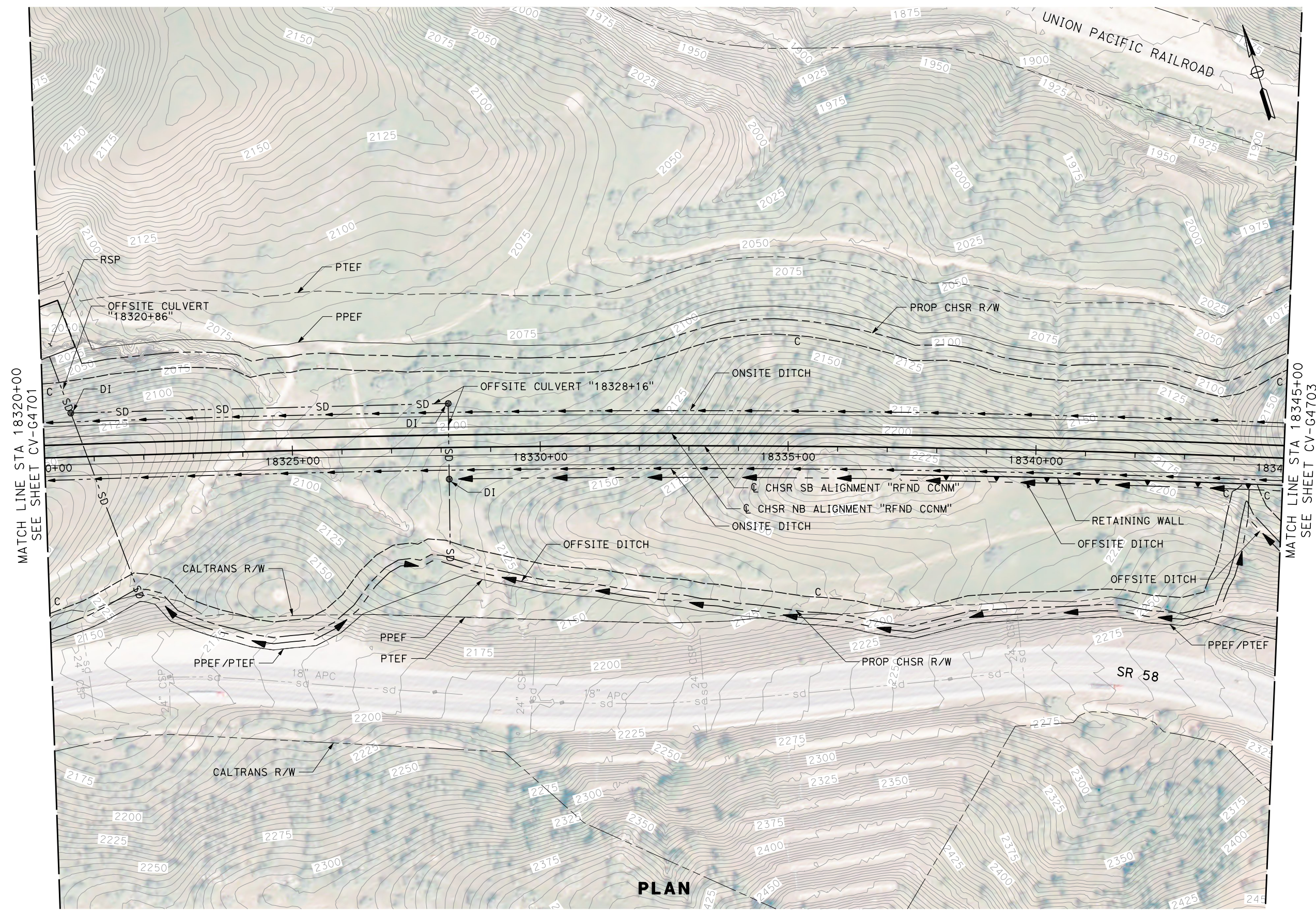


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
 REFINED CCNM DESIGN OPTION  
 GRADING AND DRAINAGE  
 PLAN  
 STA 18295+00 TO 18320+00

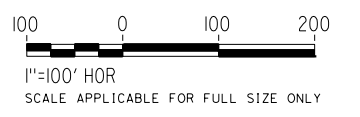
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 HSR13-44  
 DRAWING NO.  
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 SCALE  
 AS SHOWN  
 SHEET NO.  
 539

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 1:17:03 AM  
 12/22/2020

Glenn.Yamanaka@tylin.com



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
 DRAWN BY  
**A. RIVERA**  
 CHECKED BY  
**G. CAMPBELL**  
 IN CHARGE  
**G. CAMPBELL**  
 DATE  
**01/29/2021**

**RECORD SET  
 PEPD  
 SUBMITTAL**

**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 BAKERSFIELD TO PALMDALE**  
 REFINED CCNM DESIGN OPTION  
 GRADING AND DRAINAGE  
 PLAN  
 STA 18320+00 TO 18345+00

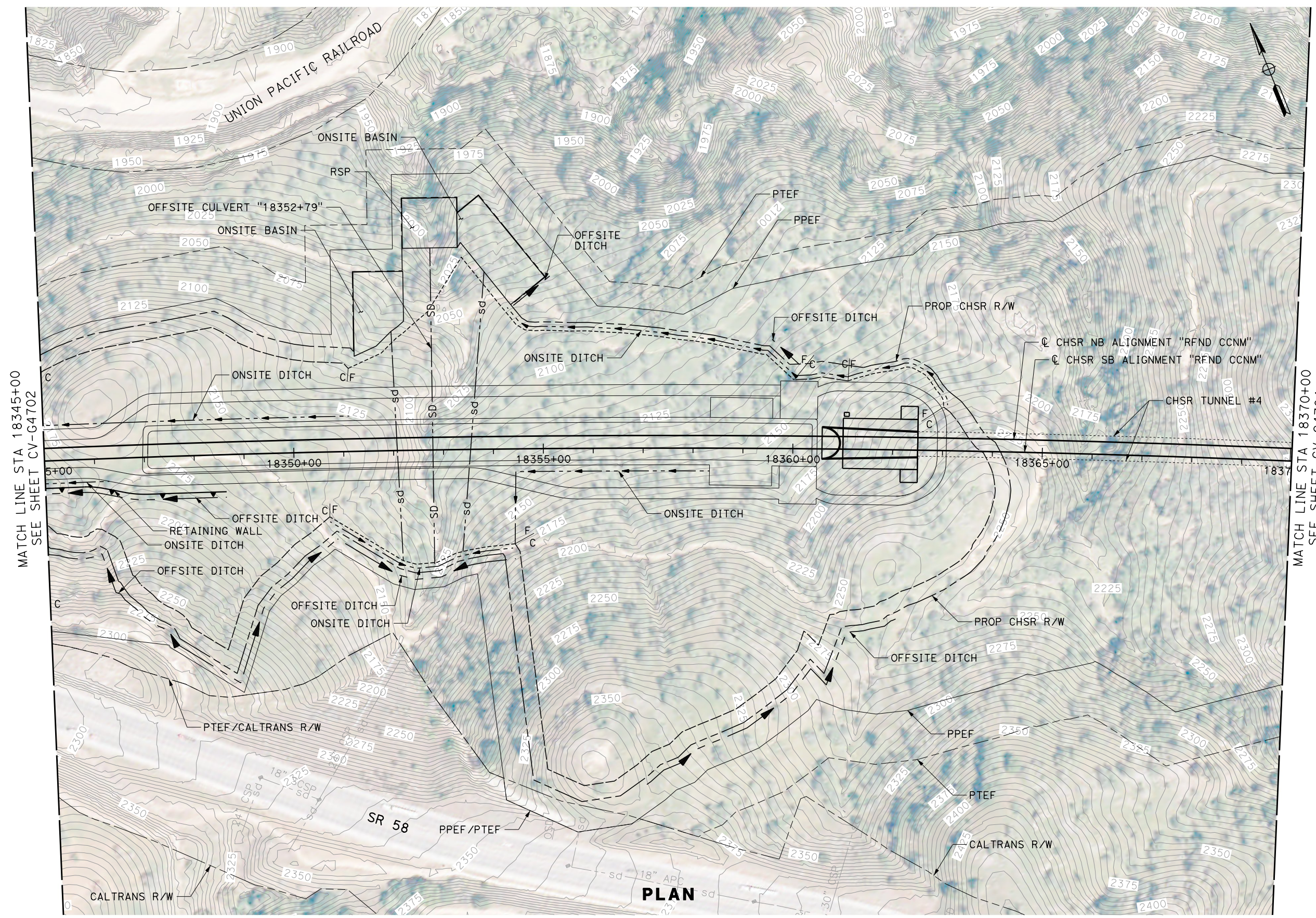
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**AS SHOWN**  
 SHEET NO.  
**540**

Projects\701206.00\_CHSRBP\00\_CADD\CCNM\_Option D\Sheets\CV\G\BP-CV-G4703

1:17:46 AM

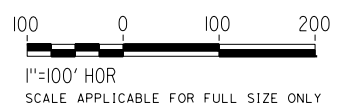
12/22/2020

Glenn.Yamanaka@tylin.com



MATCH LINE STA 18345+00  
SEE SHEET CV-G4702

MATCH LINE STA 18370+00  
SEE SHEET CV-G4704



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. RIVERA**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
REFINED CCNM DESIGN OPTION  
GRADING AND DRAINAGE  
PLAN  
STA 18345+00 TO 18370+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4703  
SCALE  
AS SHOWN  
SHEET NO.  
541

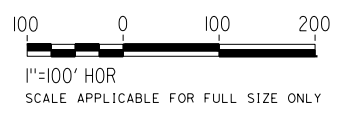
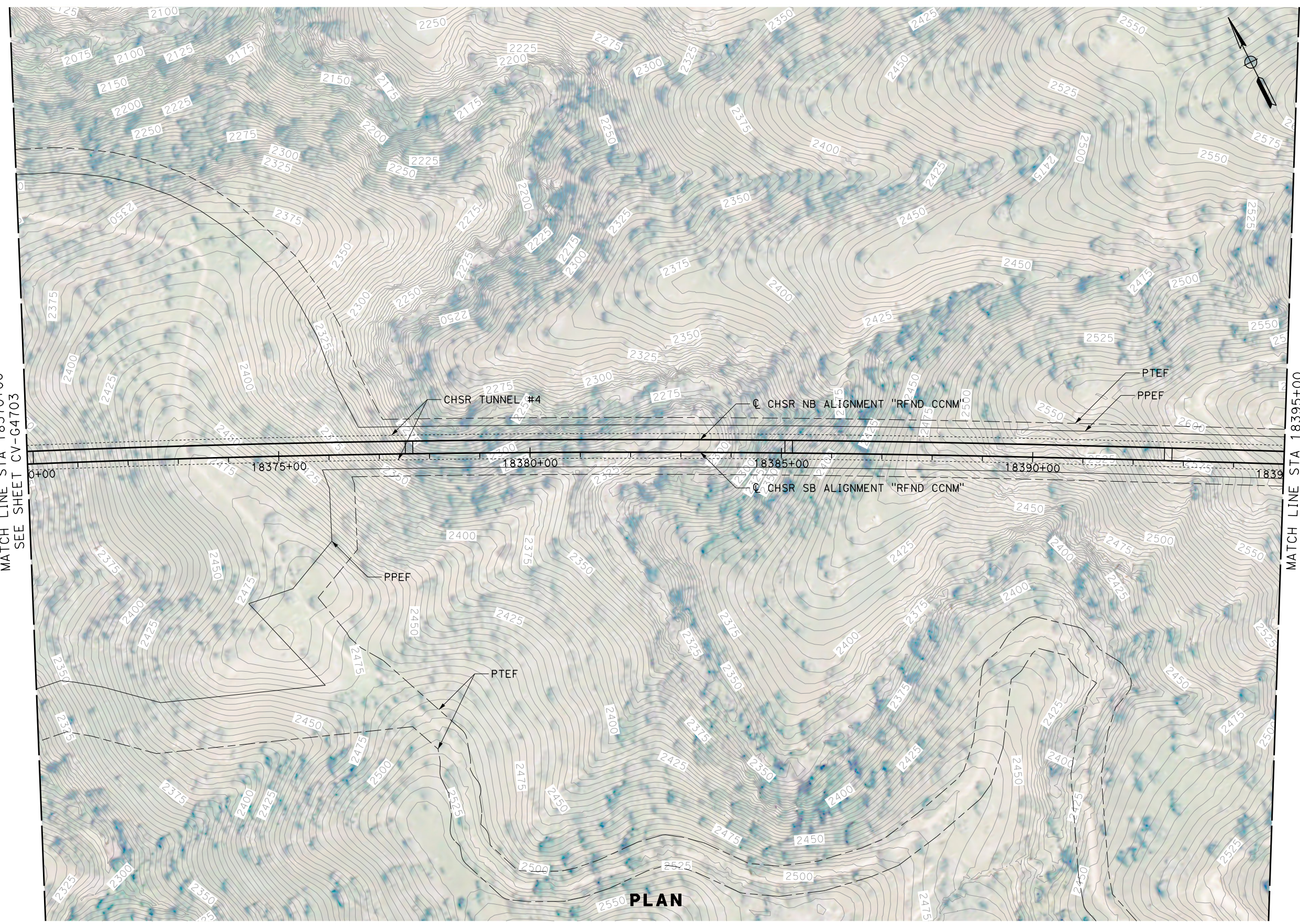


Projects\701206.00\_CHSRBP\00\_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4704  
 12/22/2020 1:17:03 AM

Glenn.Yamanaka@tylin.com

MATCH LINE STA 18370+00  
 SEE SHEET CV-G4703

MATCH LINE STA 18395+00  
 SEE SHEET CV-G4705



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
 DRAWN BY  
**A. RIVERA**  
 CHECKED BY  
**G. CAMPBELL**  
 IN CHARGE  
**G. CAMPBELL**  
 DATE  
**01/29/2021**

**RECORD SET  
 PEPD  
 SUBMITTAL**

**NOT FOR  
 CONSTRUCTION**

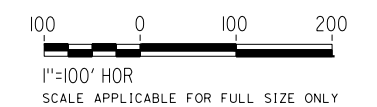
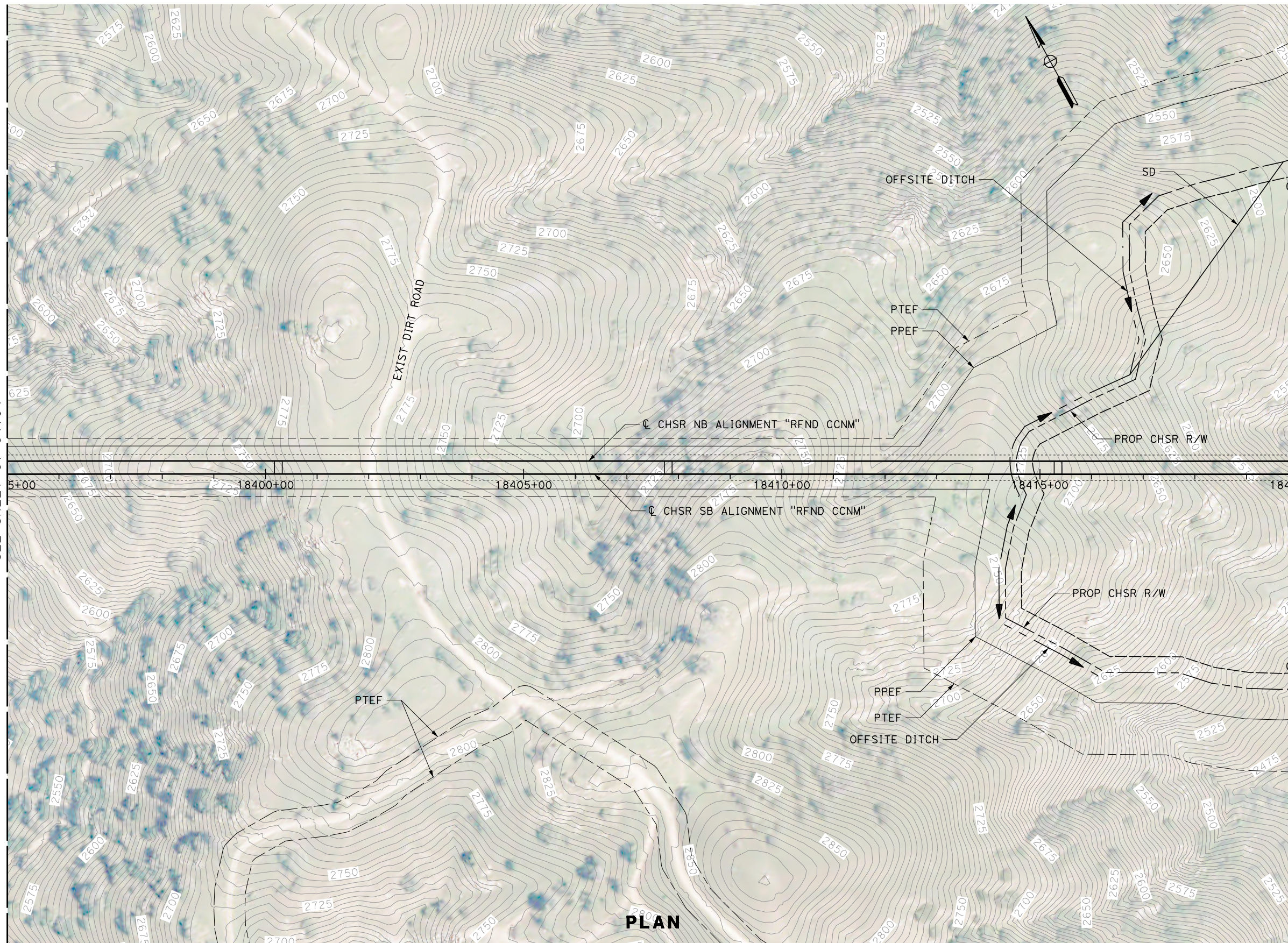


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 BAKERSFIELD TO PALMDALE**  
 REFINED CCNM DESIGN OPTION  
 GRADING AND DRAINAGE  
 PLAN  
 STA 18370+00 TO 18395+00

CONTRACT NO.  
HSR13-44  
 DRAWING NO.  
CV-G4704  
 SCALE  
AS SHOWN  
 SHEET NO.  
542

MATCH LINE STA 18395+00  
SEE SHEET CV-G4704

MATCH LINE STA 18420+00  
SEE SHEET CV-G4706



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. RIVERA**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

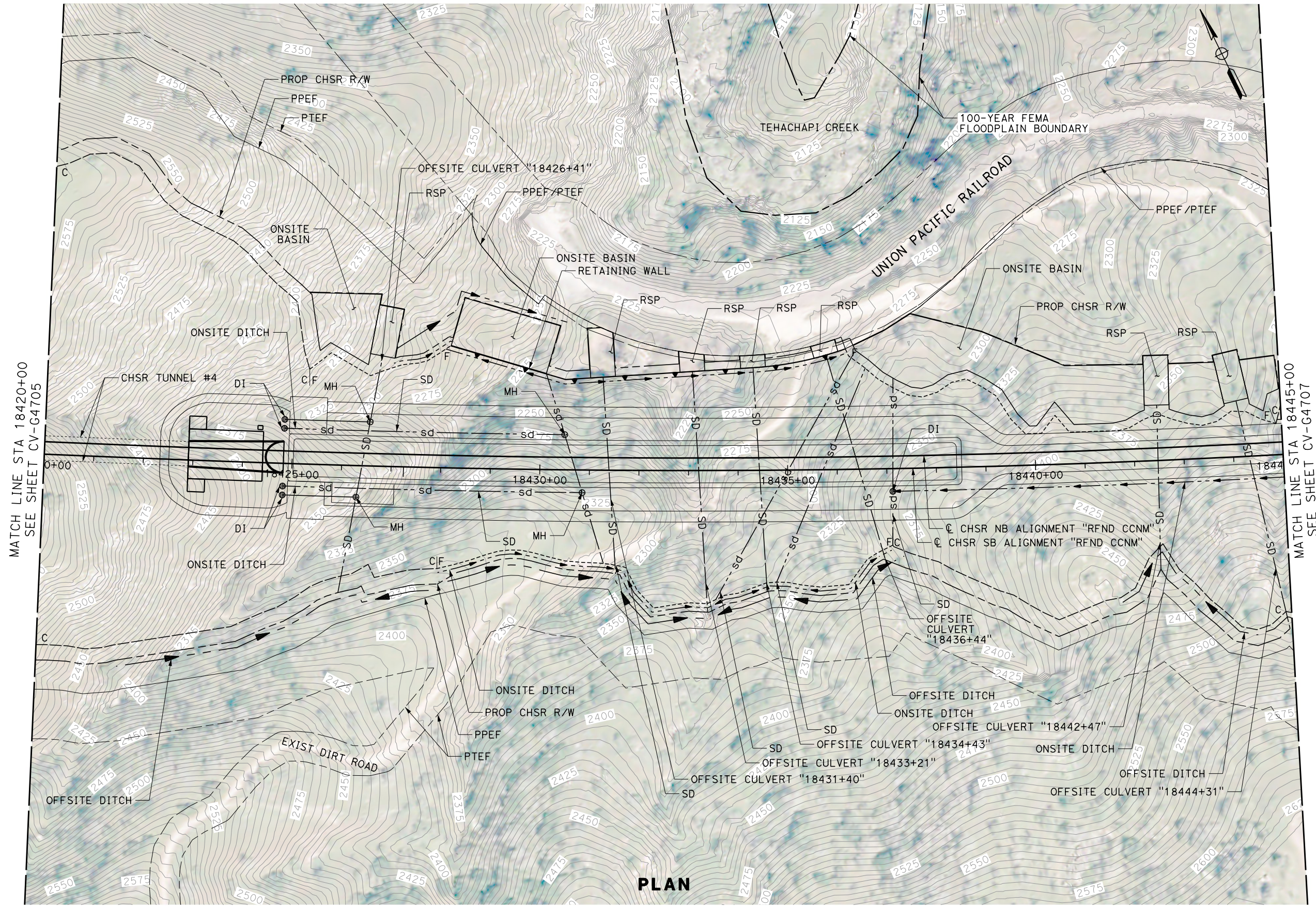
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CONSTRUCTION**



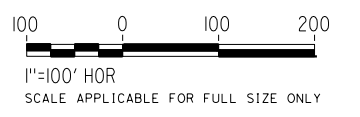
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
REFINED CCNM DESIGN OPTION  
GRADING AND DRAINAGE  
PLAN  
STA 18395+00 TO 18420+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4705  
SCALE  
AS SHOWN  
SHEET NO.  
543

Projects\701206.00\_CHSRBP\00\_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4706 1:17:06 AM 12/22/2020 Glenn.Yamanaka@tylin.com



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. RIVERA**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

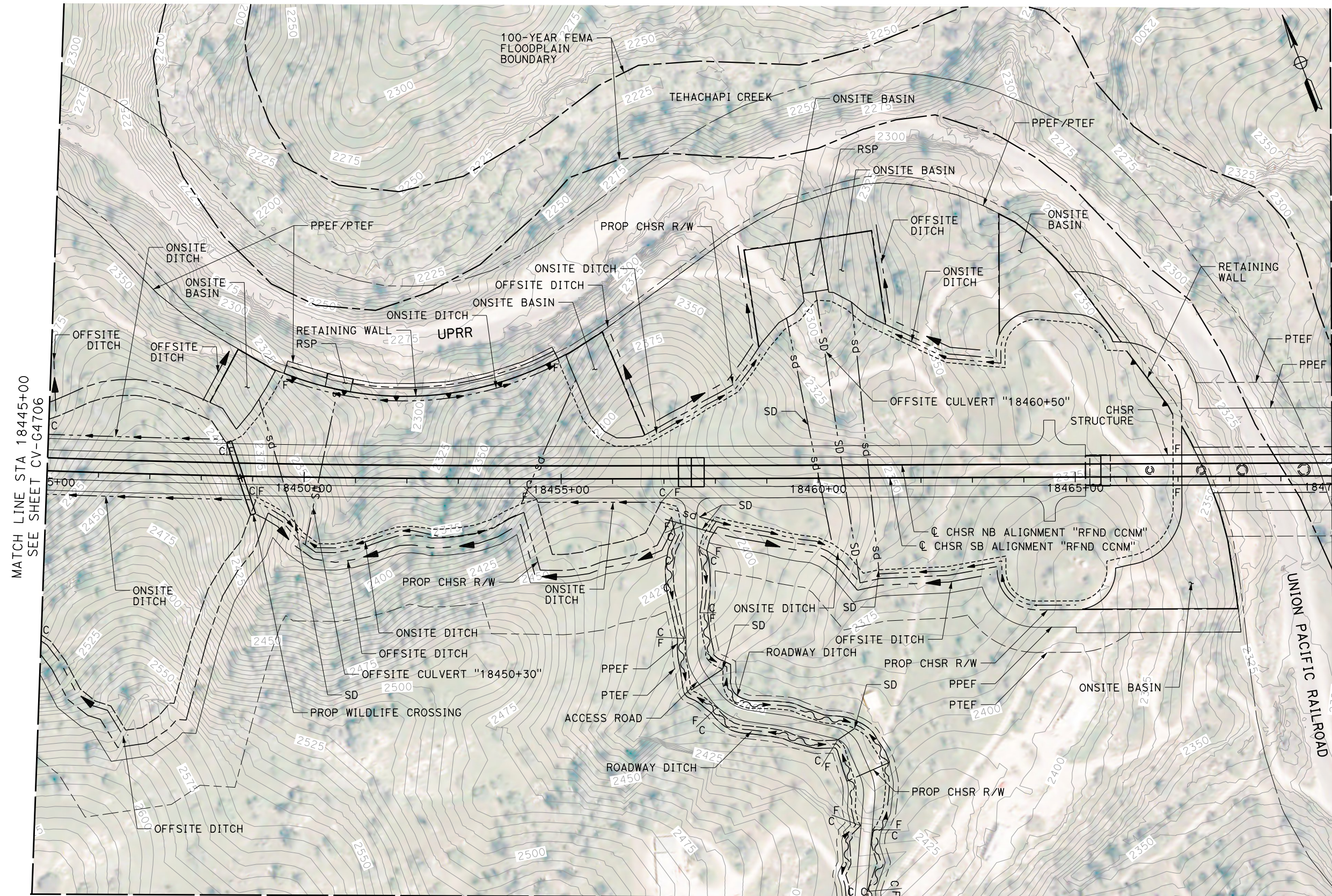


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

REFINED CCNM DESIGN OPTION  
GRADING AND DRAINAGE  
PLAN  
STA 18420+00 TO 18445+00

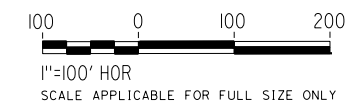
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CV-G4706  
SCALE  
AS SHOWN  
SHEET NO.  
544

Projects\701206.00\_CHSRBP\_V00\_CADD\CCNM\_Option\_D\Sheets\CV\G4706-CV-G4707 1:18:21 AM 12/22/2020 Glenn.Yamanaka@tylin.com



MATCH LINE STA 18445+00  
SEE SHEET CV-G4706

MATCH LINE STA 18470+00  
SEE SHEET CV-G4708



**PLAN** MATCH LINE  
SEE SHEET CV-G4734

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. RIVERA**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET**  
**PEPD**  
**SUBMITTAL**

**NOT FOR**  
**CONSTRUCTION**

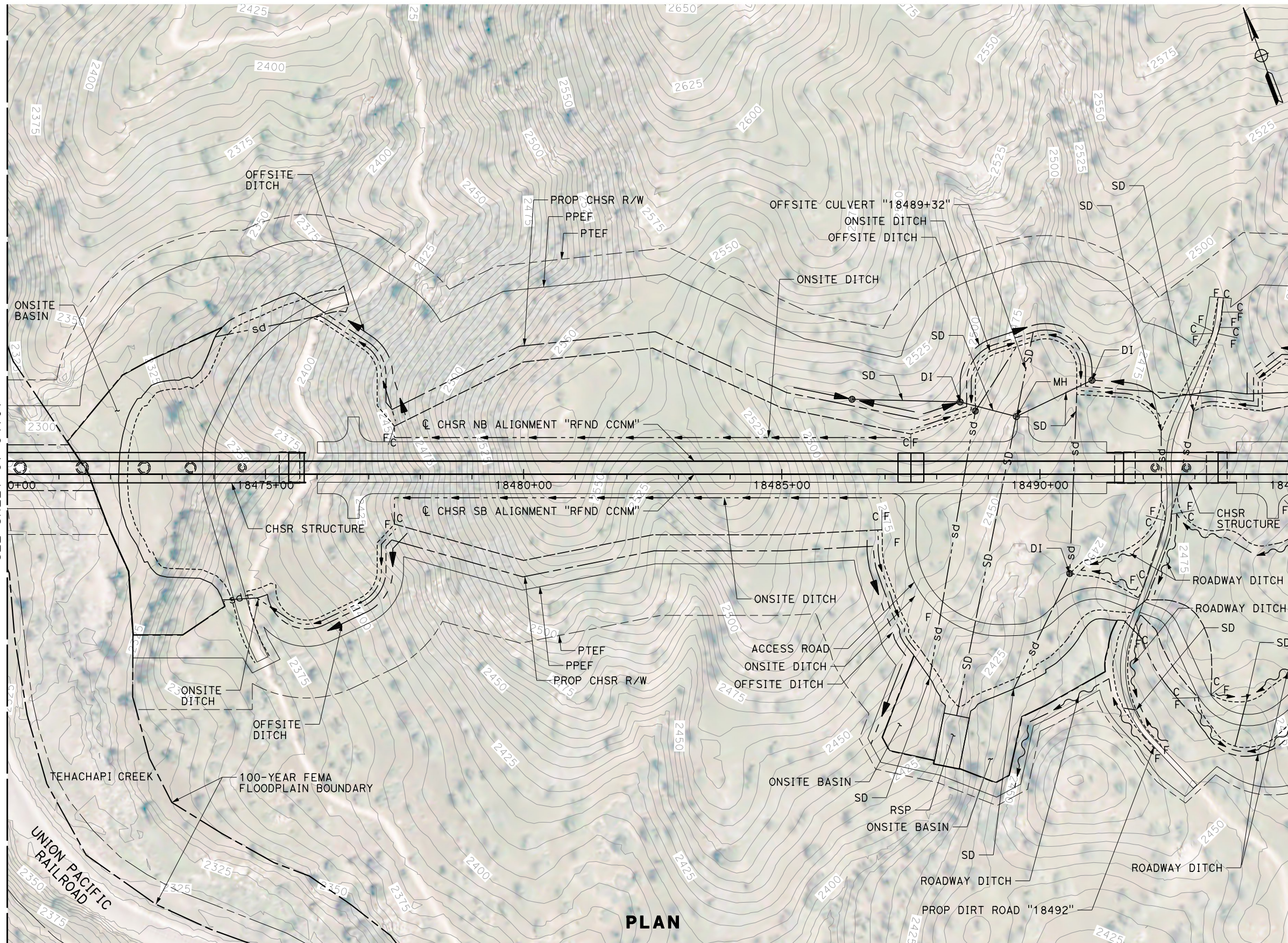


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
REFINED CCNM DESIGN OPTION  
GRADING AND DRAINAGE  
PLAN  
STA 18445+00 TO 18470+00

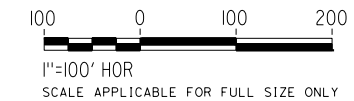
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DRAWING NO.  
CV-G4707  
SCALE  
AS SHOWN  
SHEET NO.  
545

MATCH LINE STA 18470+00  
SEE SHEET CV-G4707

MATCH LINE STA 18495+00  
SEE SHEET CV-G4709



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. RIVERA**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

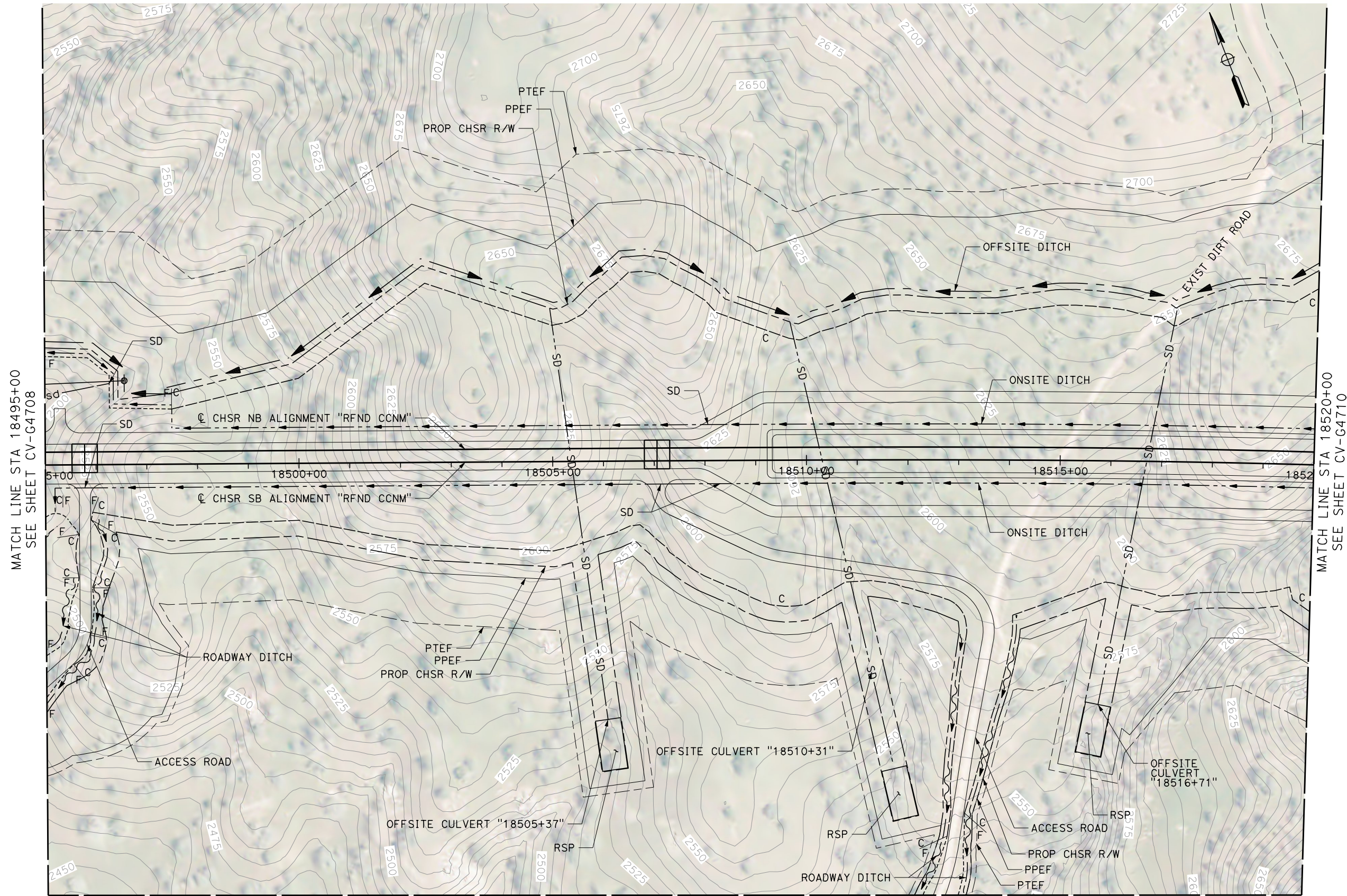
**NOT FOR  
CONSTRUCTION**



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

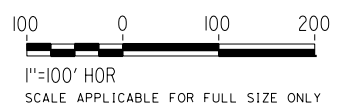
REFINED CCNM DESIGN OPTION  
GRADING AND DRAINAGE  
PLAN  
STA 18470+00 TO 18495+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4708  
SCALE  
AS SHOWN  
SHEET NO.  
546



MATCH LINE STA 18495+00  
SEE SHEET CV-G4708

MATCH LINE STA 18520+00  
SEE SHEET CV-G4710



MATCH LINE  
SEE SHEET CV-G4735

**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. RIVERA**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

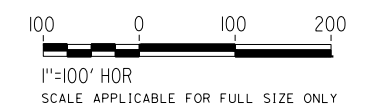
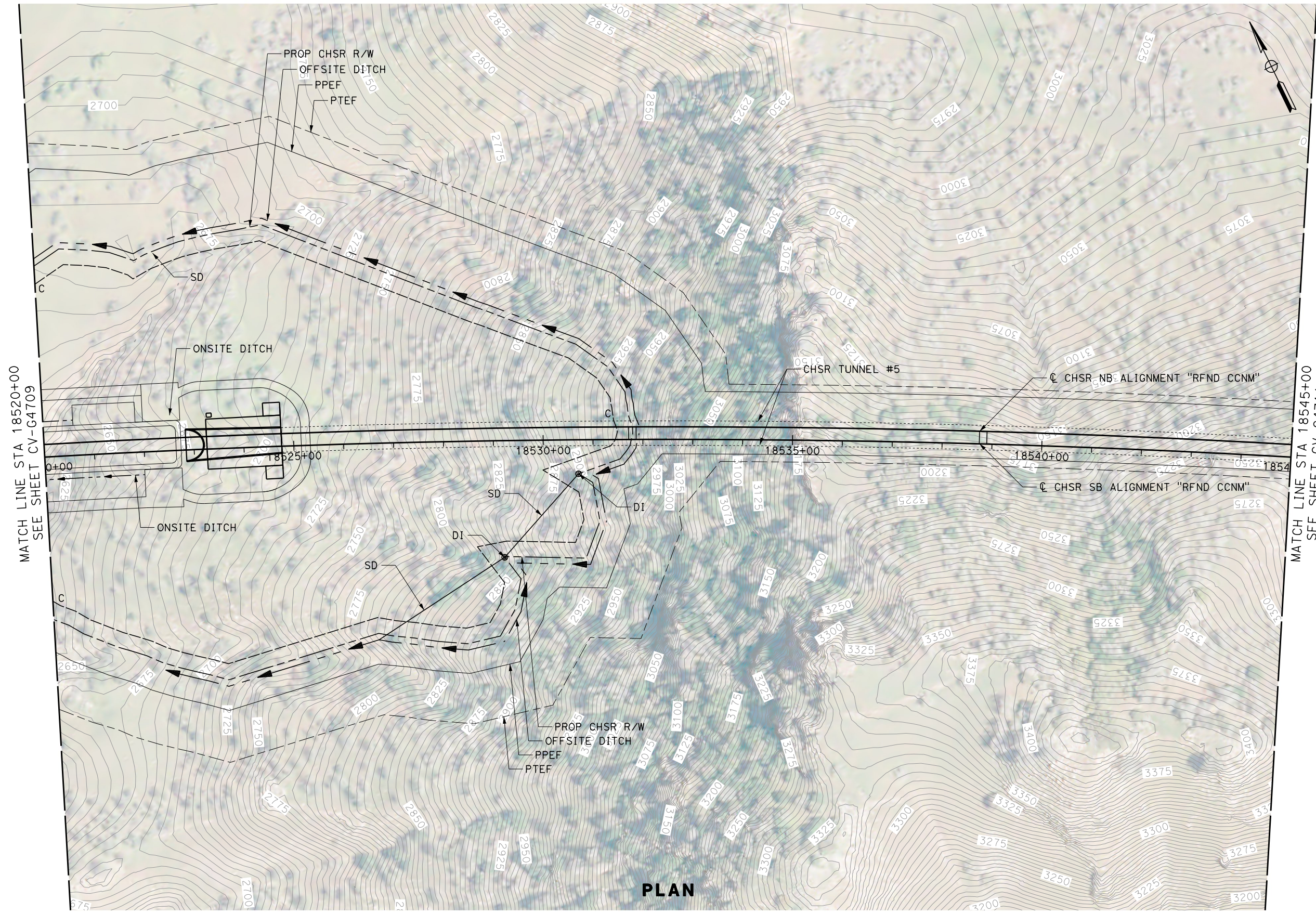
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**SUBMITTAL**

**NOT FOR**  
**CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
REFINED CCNM DESIGN OPTION  
GRADING AND DRAINAGE  
PLAN  
STA 18495+00 TO 18520+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4709  
SCALE  
AS SHOWN  
SHEET NO.  
547



**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. RIVERA**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
REFINED CCNM DESIGN OPTION  
GRADING AND DRAINAGE  
PLAN  
STA 18520+00 TO 18545+00

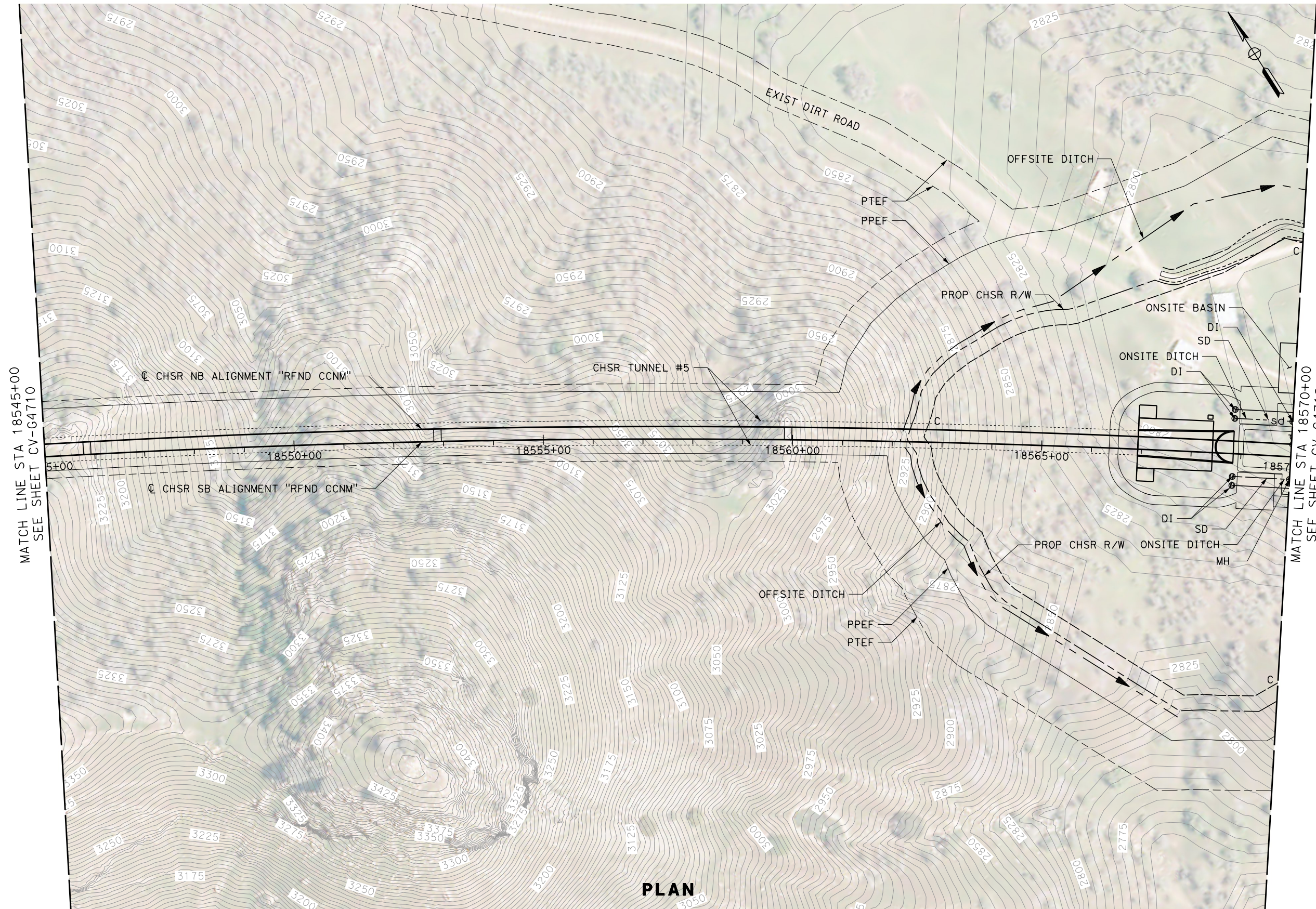
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AS SHOWN  
SHEET NO.  
548

Projects\701206.00\_CHSRBP\00\_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4711

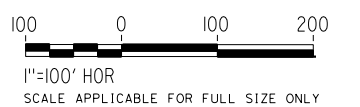
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12/22/2020

Glenn.Yamanaka@tylin.com



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. RIVERA**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET**  
**PEPD**  
**SUBMITTAL**

**NOT FOR**  
**CONSTRUCTION**

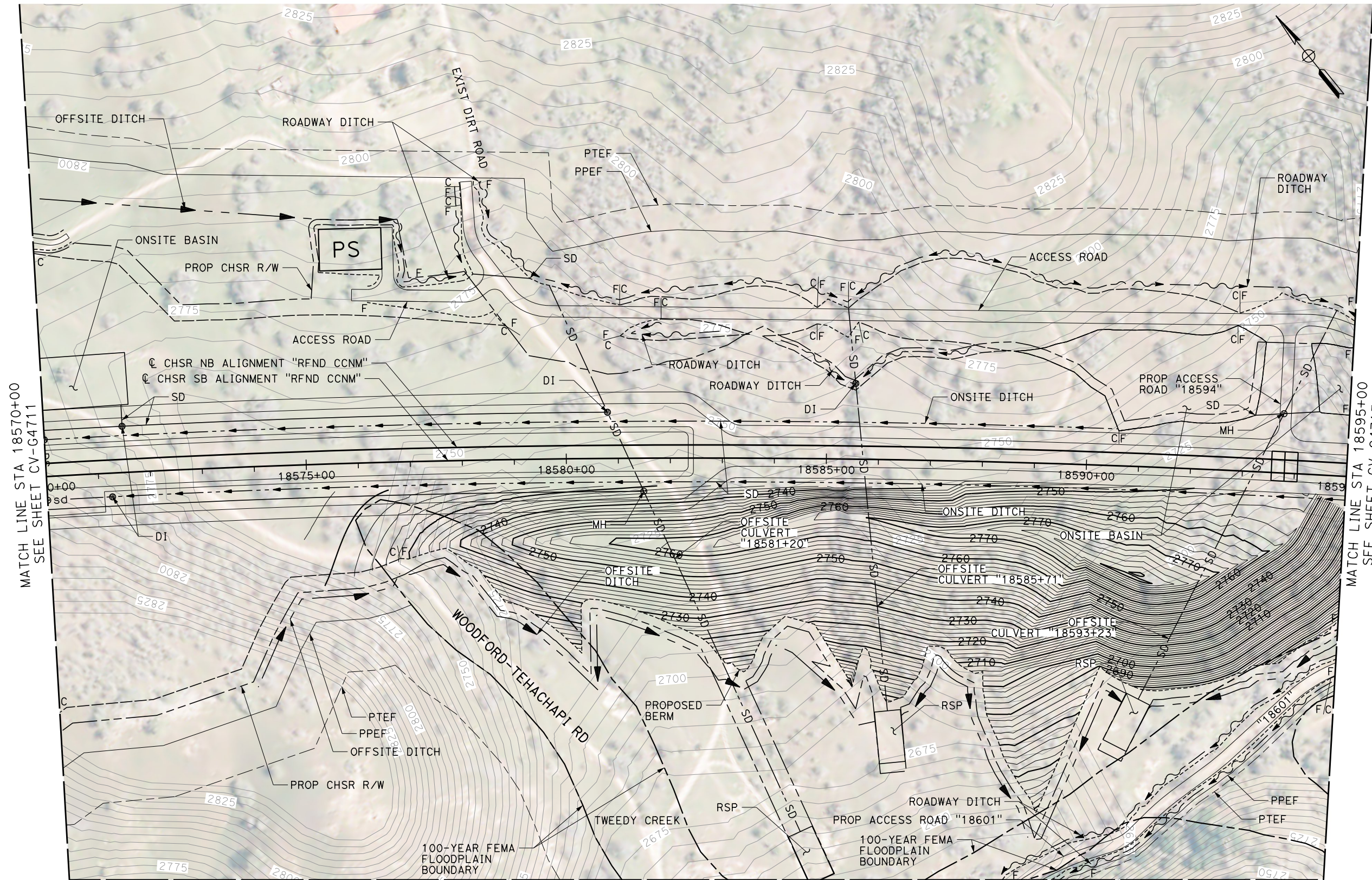


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
REFINED CCNM DESIGN OPTION  
GRADING AND DRAINAGE  
PLAN  
STA 18545+00 TO 18570+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4711  
SCALE  
AS SHOWN  
SHEET NO.  
549

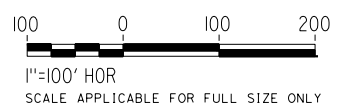


Projects\701206.00\_CHSRBP\00\_CADD\CCNM\_OpFion D\Sheets\CV\G\BP-CV-G4712 12/22/2020 1:17:02 AM



MATCH LINE STA 18570+00  
SEE SHEET CV-G4711

MATCH LINE STA 18595+00  
SEE SHEET CV-G4713



MATCH LINE  
SEE SHEET CV-G4739

**PLAN**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. RIVERA**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

REFINED CCNM DESIGN OPTION  
GRADING AND DRAINAGE  
PLAN  
STA 18570+00 TO 18595+00

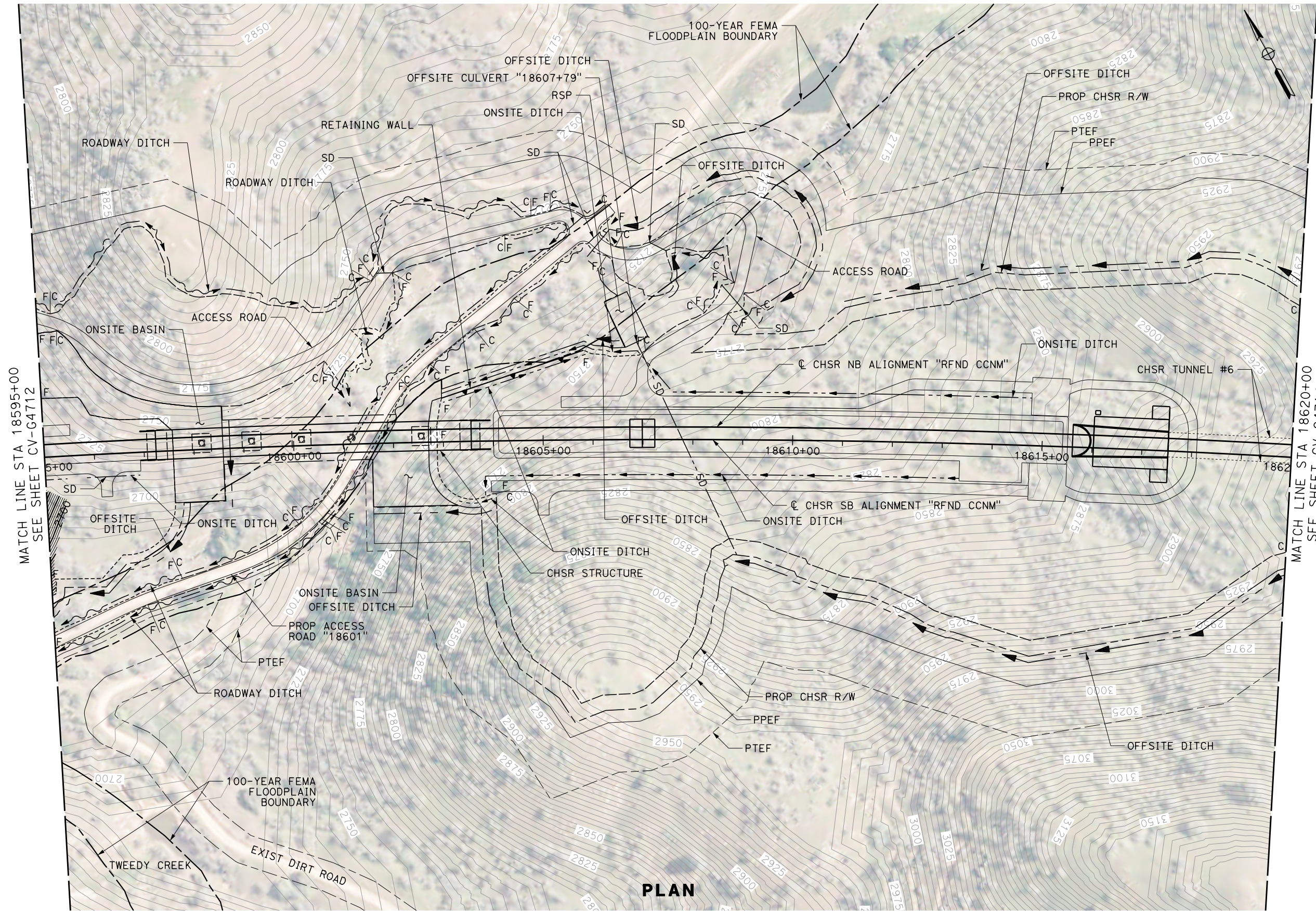
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CV-G4712  
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AS SHOWN  
SHEET NO.  
550

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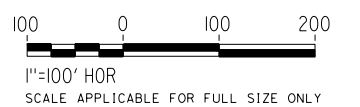
1:18:14 AM

12/22/2020

Glenn.Yamanaka@tylin.com



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. RIVERA**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

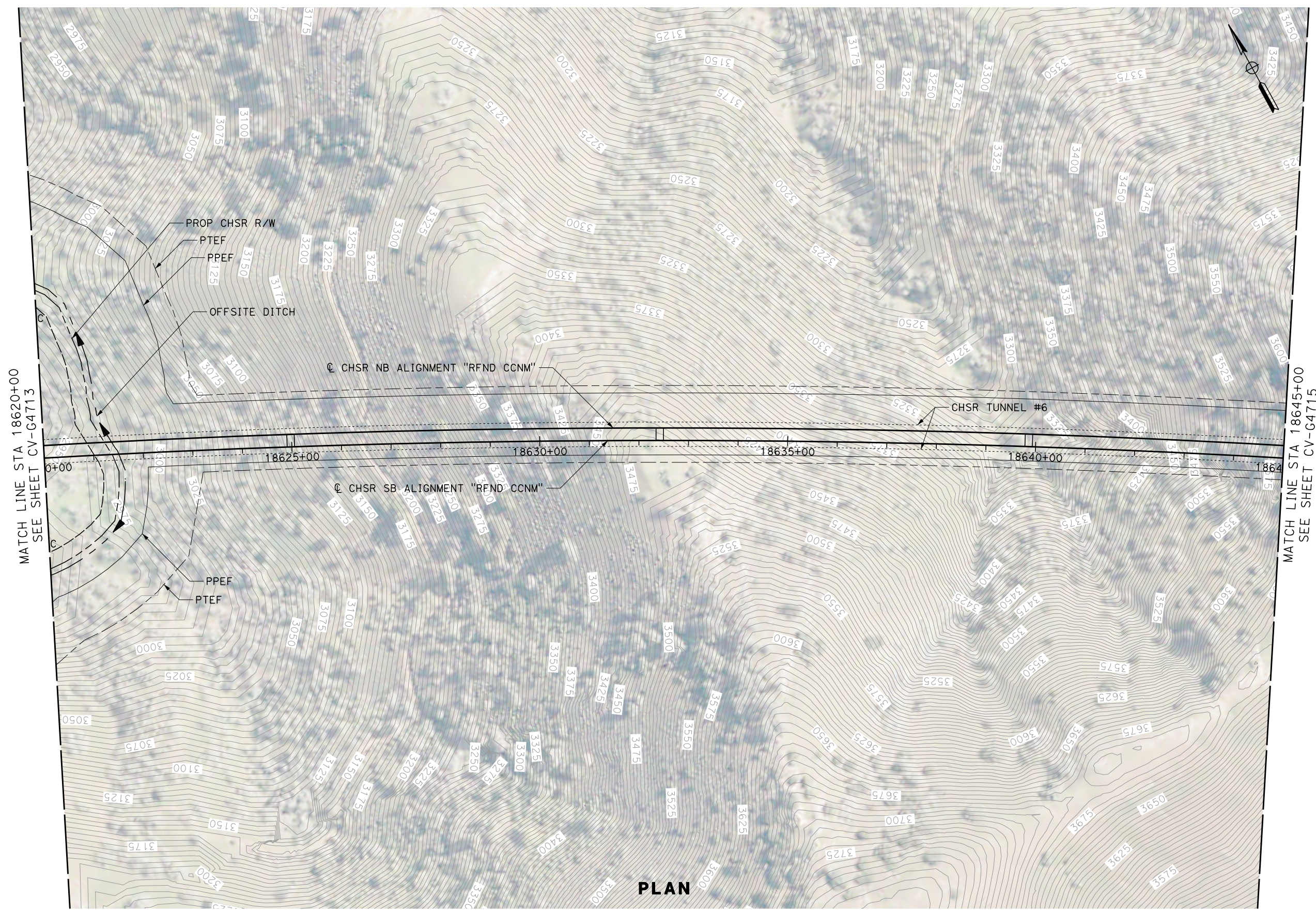


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

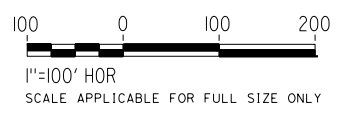
REFINED CCNM DESIGN OPTION  
GRADING AND DRAINAGE  
PLAN  
STA 18595+00 TO 18620+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4713  
SCALE  
AS SHOWN  
SHEET NO.  
551

Projects\701206.00\_CHSRBP\00\_CADD\CCNM\_Option D\Sheets\CV\G\BP-CV-G4714 12/22/2020 1:17:41 AM Glenn.Yamanaka@tylin.com



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. RIVERA**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET**  
**PEPD**  
**SUBMITTAL**

**NOT FOR**  
**CONSTRUCTION**

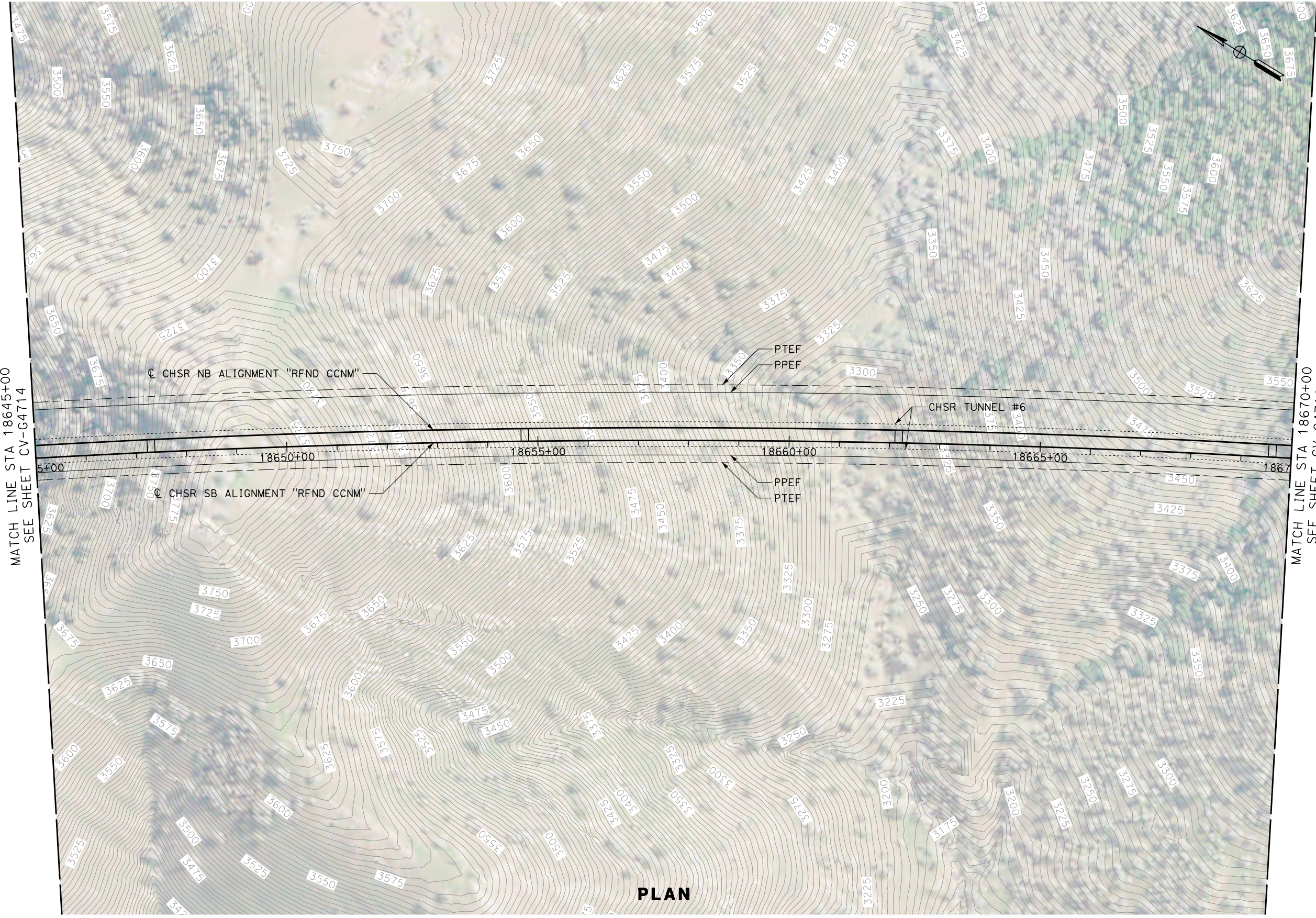


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
REFINED CCNM DESIGN OPTION  
GRADING AND DRAINAGE  
PLAN  
STA 18620+00 TO 18645+00

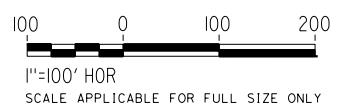
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4714  
SCALE  
AS SHOWN  
SHEET NO.  
552

MATCH LINE STA 18645+00  
SEE SHEET CV-G4714

MATCH LINE STA 18670+00  
SEE SHEET CV-G4716



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. RIVERA**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**G. CAMPBELL**  
DATE  
**01/29/2021**

**RECORD SET  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
REFINED CCNM DESIGN OPTION  
GRADING AND DRAINAGE  
PLAN  
STA 18645+00 TO 18670+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4715  
SCALE  
AS SHOWN  
SHEET NO.  
553