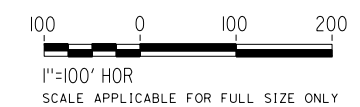


**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET  
PEPD  
SUBMITTAL**

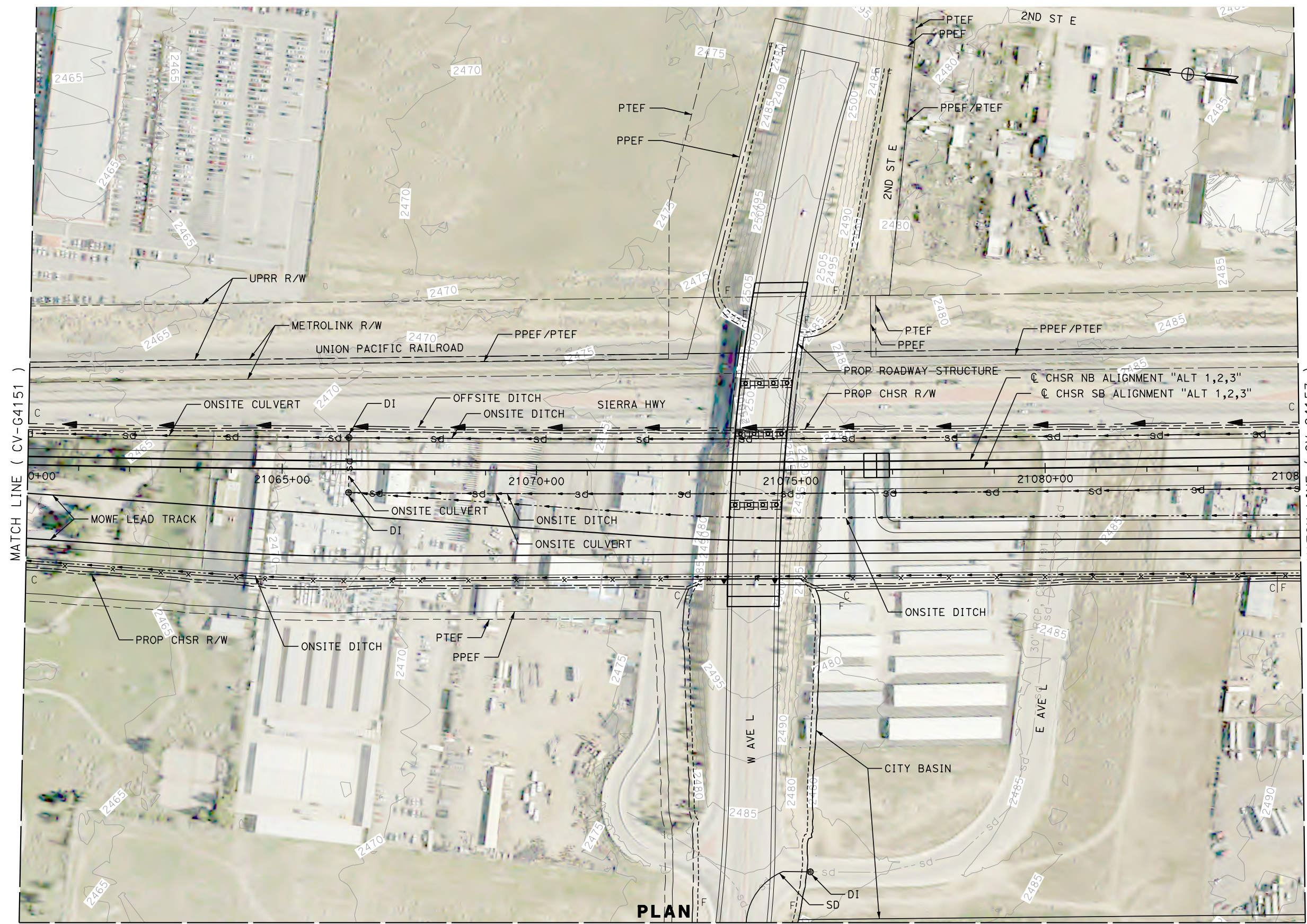
**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21035+00 TO 21060+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4151  
SCALE  
AS SHOWN  
SHEET NO.  
669

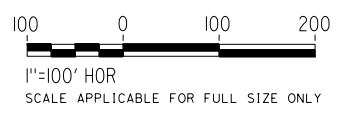


MATCH LINE ( CV-G4151 )

MATCH LINE ( CV-G4153 )

**PLAN**

MATCH LINE ( CV-G4161 )



REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET  
PEPD  
SUBMITTAL**

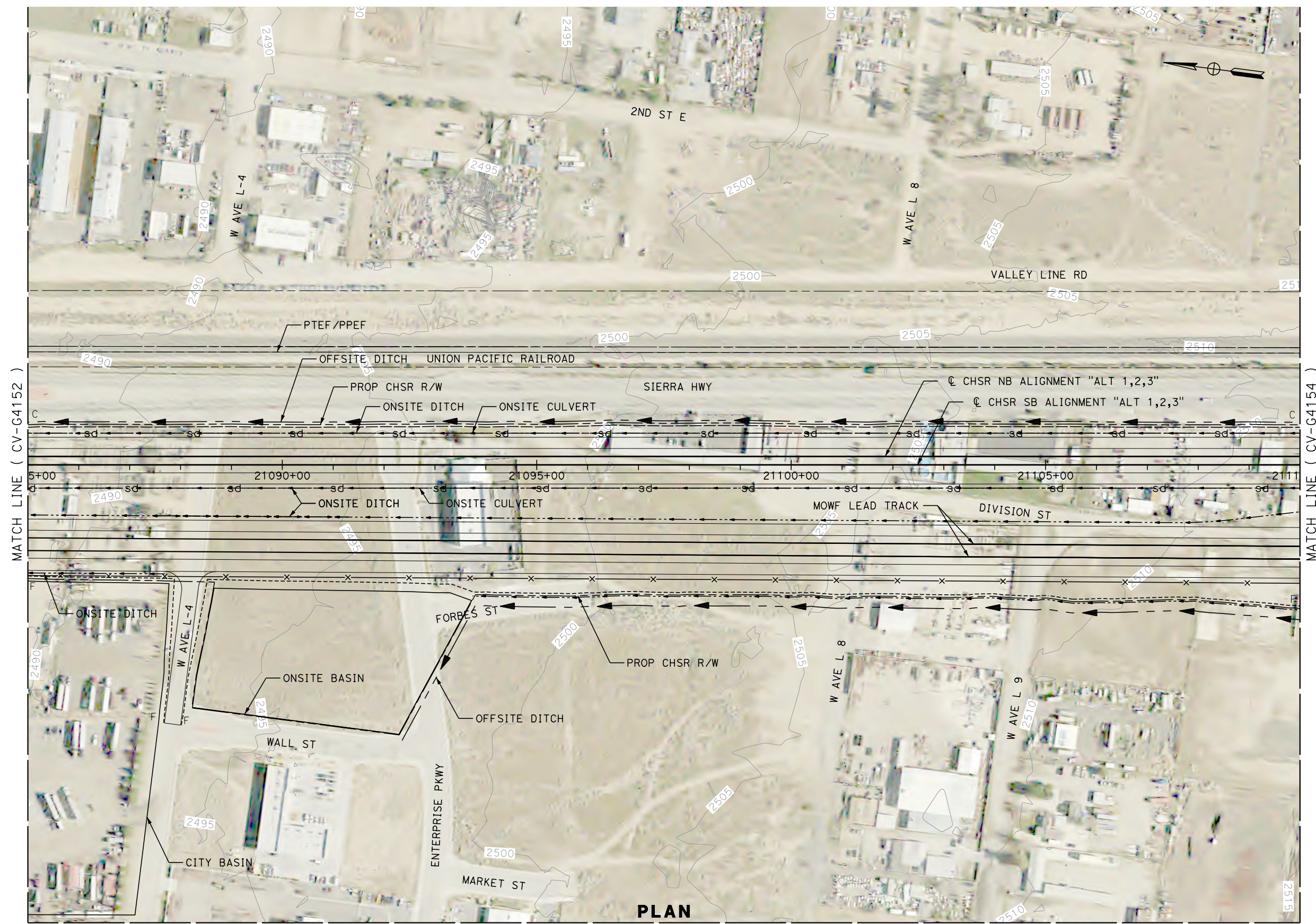
**NOT FOR  
CONSTRUCTION**



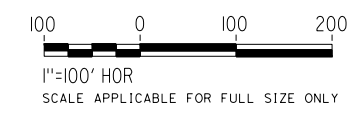
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21060+00 TO 21085+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4152  
SCALE  
AS SHOWN  
SHEET NO.  
670



**PLAN**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
 DRAWN BY  
**A. CARSON**  
 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  
 GRADING AND DRAINAGE  
 PLAN  
 STA 21085+00 TO 21110+00

CONTRACT NO.  
HSR13-44  
 DRAWING NO.  
CV-G4153  
 SCALE  
AS SHOWN  
 SHEET NO.  
671

MATCH LINE ( CV-G4209 )

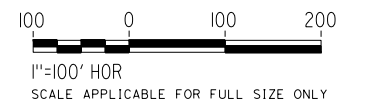


MATCH LINE ( CV-G4153 )

MATCH LINE ( CV-G4155 )

**PLAN**

MATCH LINE ( CV-G4163 )



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4154

5:48:32 AM

1/14/2021

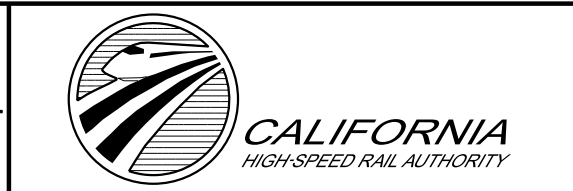
Glenn.Yamanaka@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. CARSON**  
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  
GRADING AND DRAINAGE  
PLAN  
STA 21110+00 TO 21135+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4154  
SCALE  
AS SHOWN  
SHEET NO.  
672

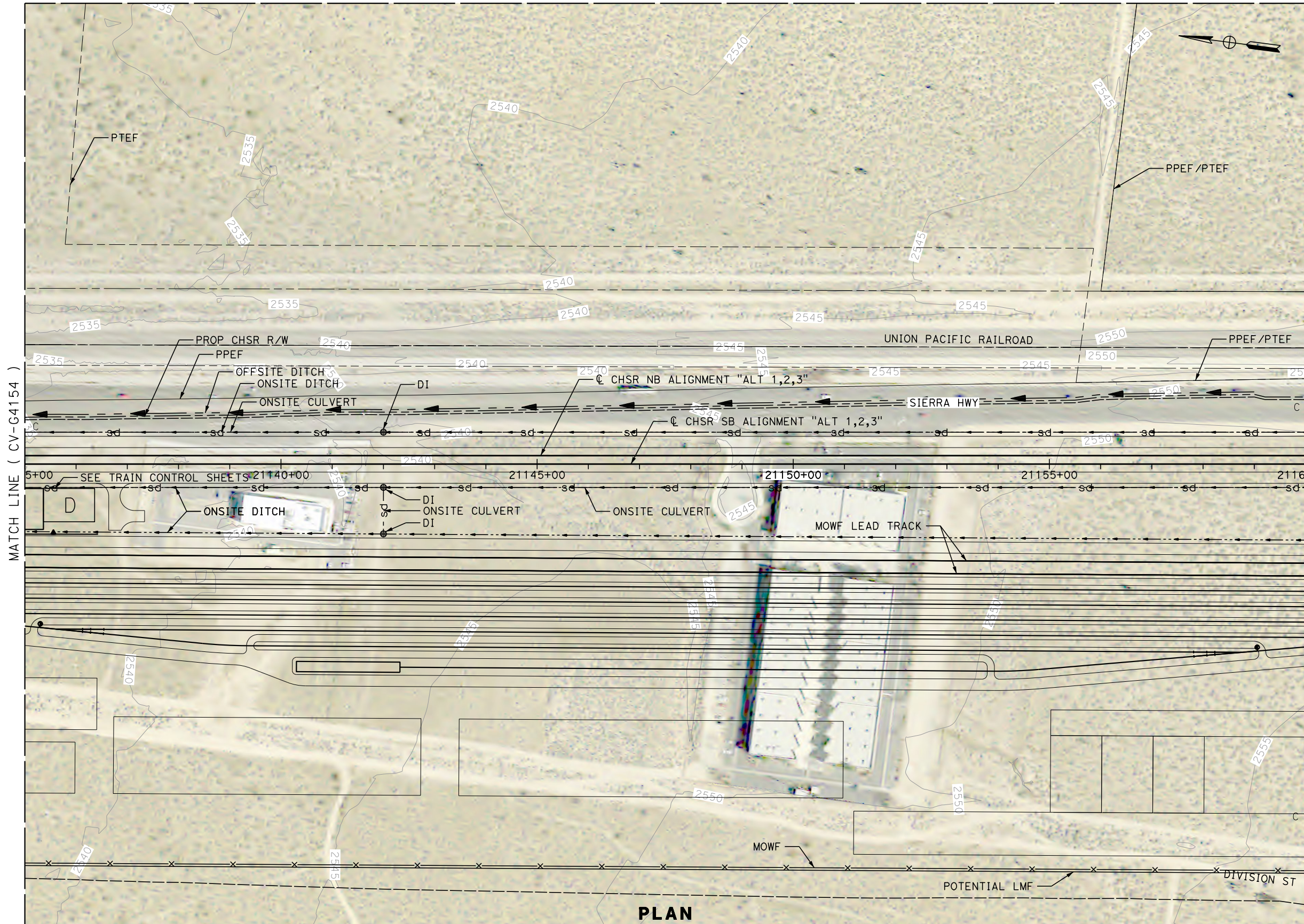
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5:48:00 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4209 )

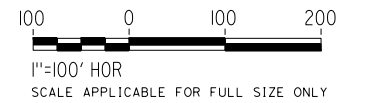


MATCH LINE ( CV-G4154 )

MATCH LINE ( CV-G4156 )

**PLAN**

MATCH LINE ( CV-G4164 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. CARSON**  
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  
GRADING AND DRAINAGE  
PLAN  
STA 21135+00 TO 21160+00

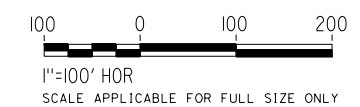
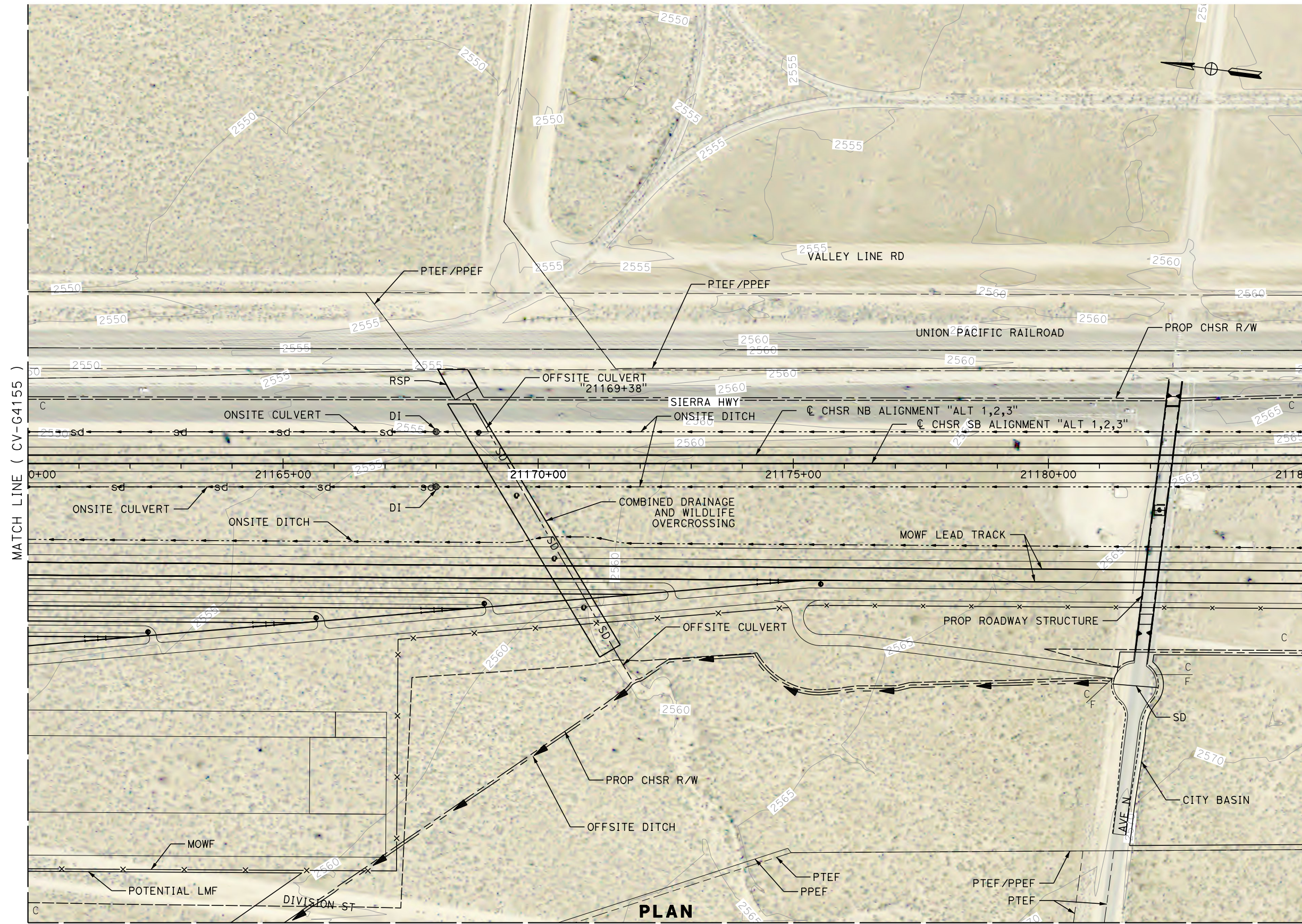
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4155  
SCALE  
AS SHOWN  
SHEET NO.  
673

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4156

5:46:37 AM

1/14/2021

Glenn.Yamanaka@tylin.com



**PLAN**  
MATCH LINE ( CV-G4165 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. CARSON**  
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  
GRADING AND DRAINAGE  
PLAN  
STA 21160+00 TO 21185+00

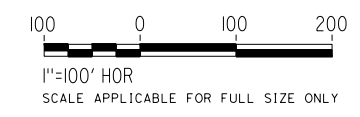
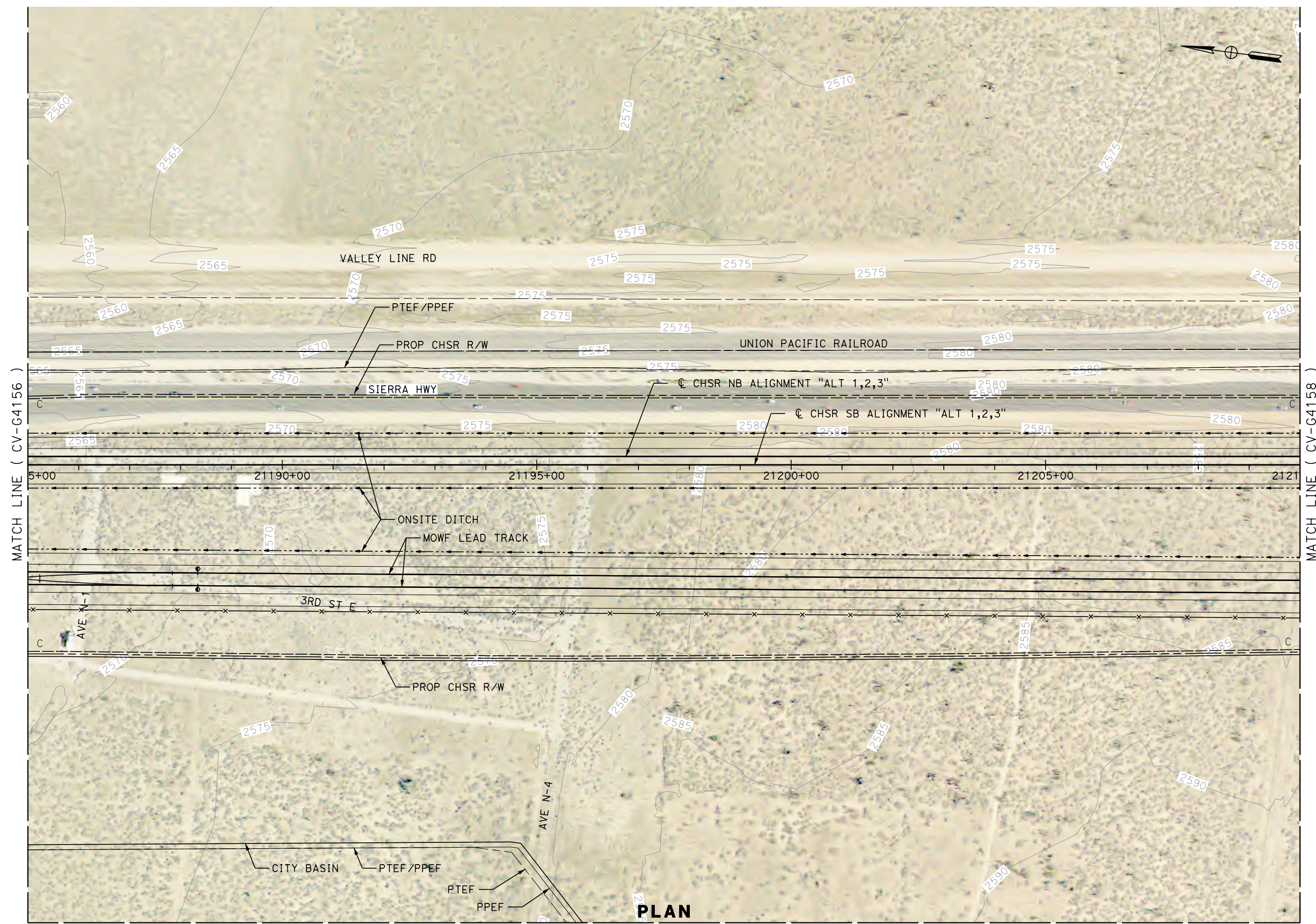
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4156  
SCALE  
AS SHOWN  
SHEET NO.  
674

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4157

5:48:32 AM

1/14/2021

Glenn.Yamanaka@tylin.com



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. CARSON**  
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  
GRADING AND DRAINAGE  
PLAN  
STA 21185+00 TO 21210+00

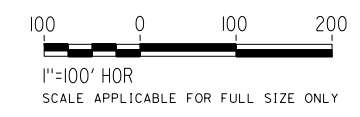
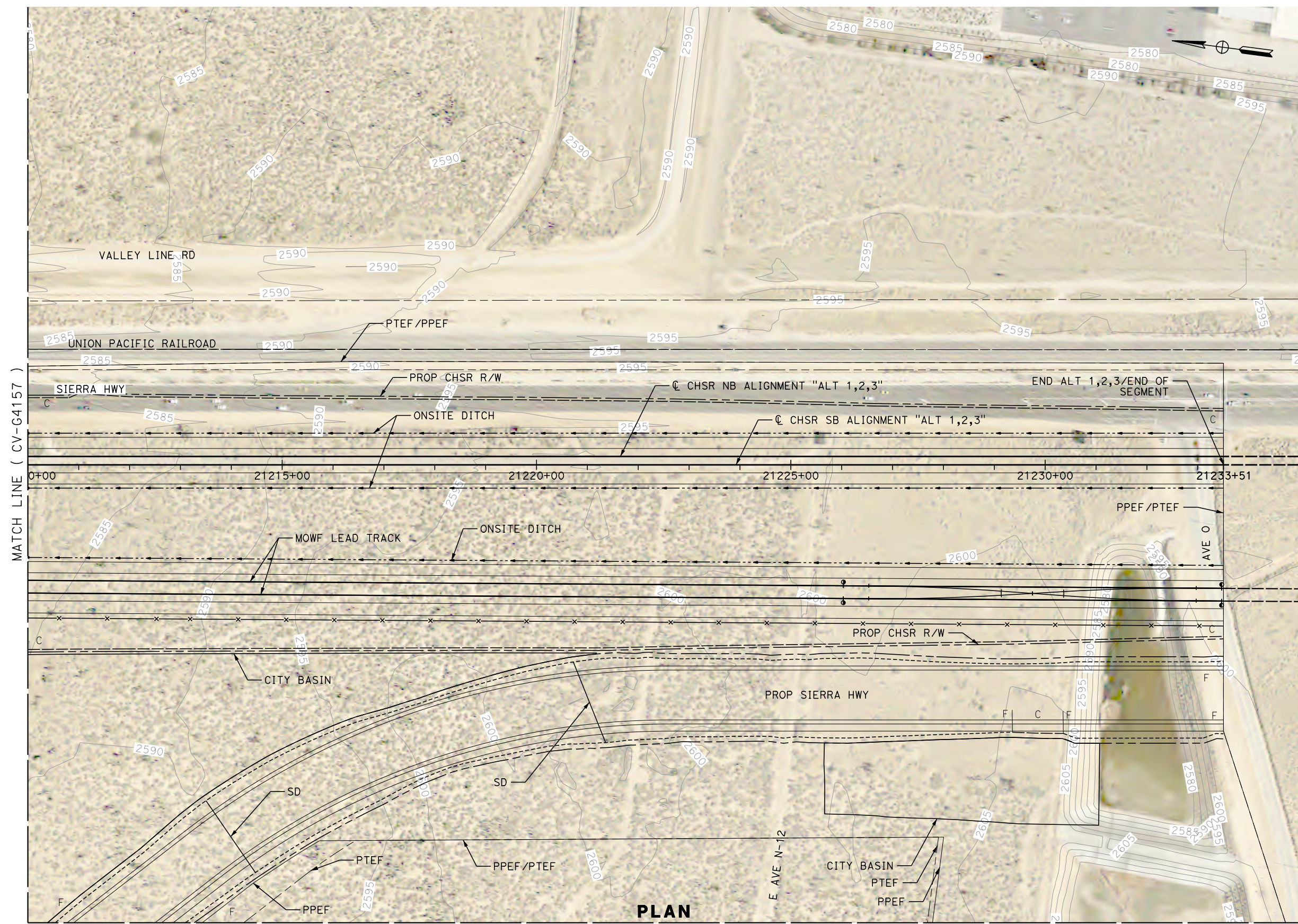
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4157  
SCALE  
AS SHOWN  
SHEET NO.  
675

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4158

5:49:21 AM

1/14/2021

Glenn.Yamanaka@tylin.com



**PLAN**  
MATCH LINE ( CV-G4167 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. CARSON**  
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  
GRADING AND DRAINAGE  
PLAN  
STA 21210+00 TO 21235+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4158  
SCALE  
AS SHOWN  
SHEET NO.  
676



Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4159

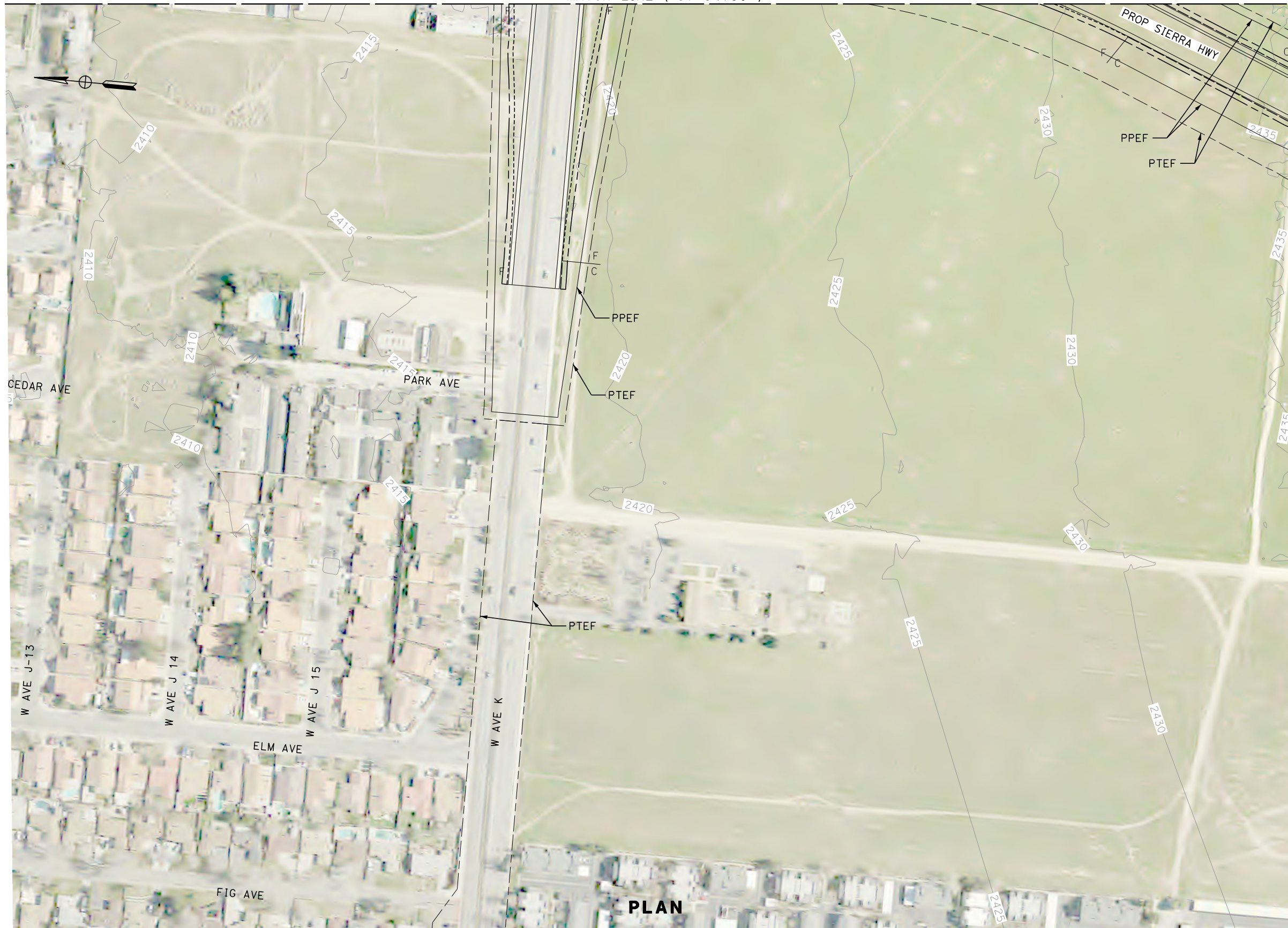
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1/14/2021

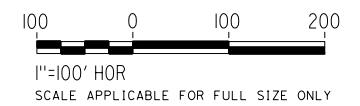
Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4150 )

MATCH LINE ( CV-G4160 )



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. CARSON**  
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  
GRADING AND DRAINAGE  
PLAN  
STA 21010+00 TO 21035+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4159  
SCALE  
AS SHOWN  
SHEET NO.  
677

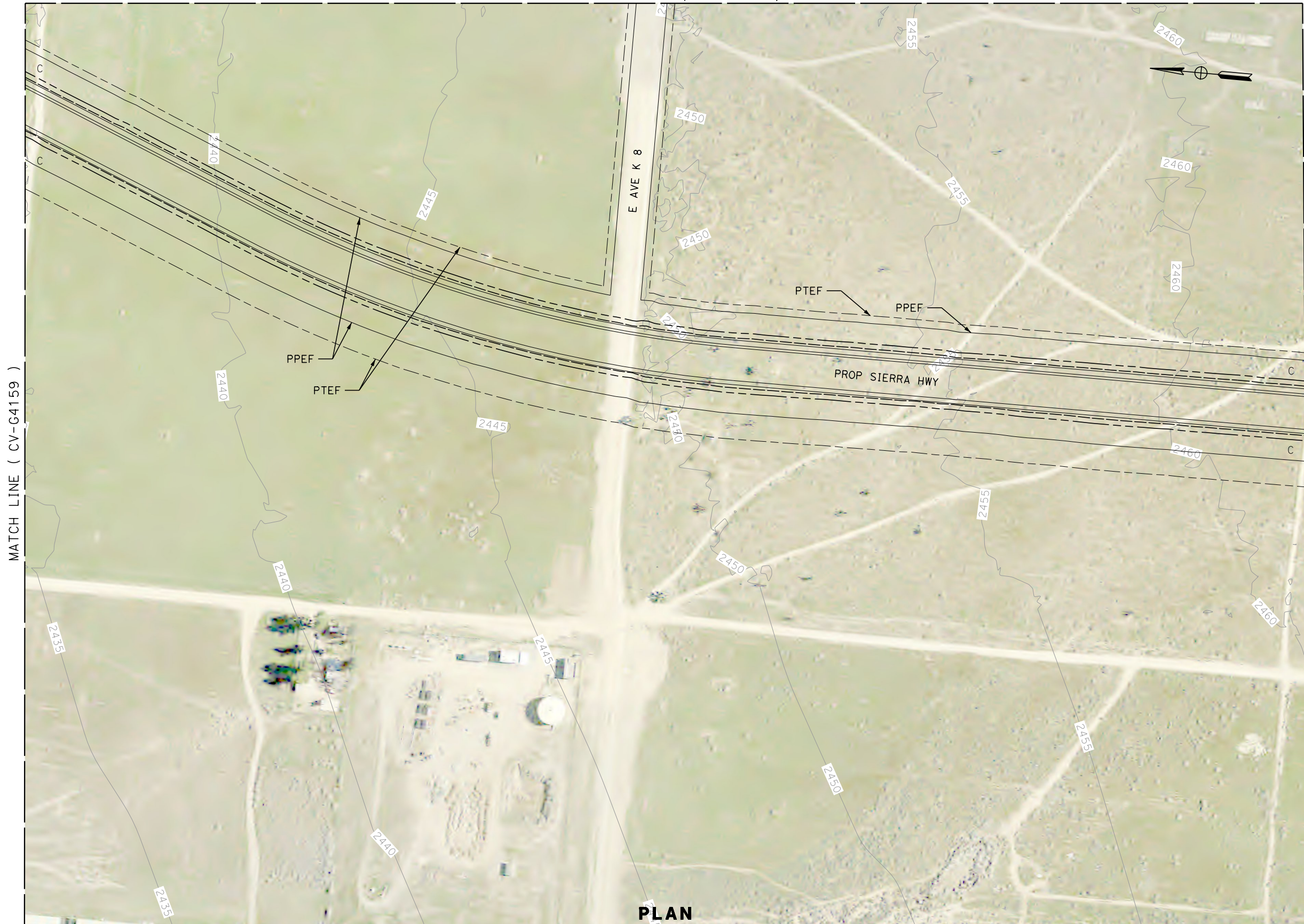
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5:49:16 AM

1/14/2021

Glenn.Yamanaka@tylin.com

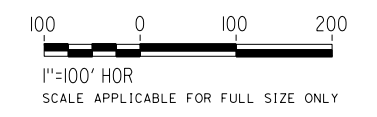
MATCH LINE ( CV-G4151 )



MATCH LINE ( CV-G4159 )

MATCH LINE ( CV-G4161 )

PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**G. YAMANAKA**  
DRAWN BY  
**A. CARSON**  
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  
GRADING AND DRAINAGE  
PLAN  
STA 21035+00 TO 21060+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4160  
SCALE  
AS SHOWN  
SHEET NO.  
678

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4161

5:49:12 AM

1/14/2021

Glenn.Yamanaka@tylin.com

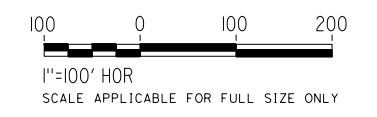
MATCH LINE ( CV-G4152 )



MATCH LINE ( CV-G4160 )

MATCH LINE ( CV-G4162 )

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**

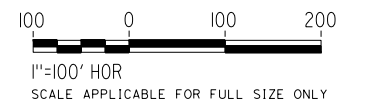
ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21060+00 TO 21085+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4161  
SCALE  
AS SHOWN  
SHEET NO.  
679

MATCH LINE ( CV-G4153 )



PLAN



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4162

5:47:10 AM

1/14/2021

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**

**TYLIN INTERNATIONAL**



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

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21085+00 TO 21110+00

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4162**

SCALE  
**AS SHOWN**

SHEET NO.  
**680**

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4163

5:51:17 AM

1/14/2021

Glenn.Yamanaka@tylin.com

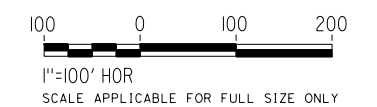
MATCH LINE ( CV-G4154 )



MATCH LINE ( CV-G4162 )

MATCH LINE ( CV-G4164 )

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  
GRADING AND DRAINAGE  
PLAN  
STA 21110+00 TO 21135+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4163  
SCALE  
AS SHOWN  
SHEET NO.  
681

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4164

5:50:00 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4155 )

MATCH LINE ( CV-G4163 )

MATCH LINE ( CV-G4165 )



PTEF  
PPEF  
OFFSITE DITCH  
PROP CHSR R/W

POTENTIAL LMF

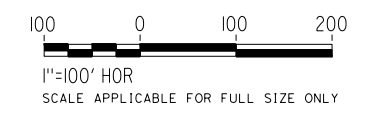
PTEF  
PPEF

PROP SIERRA HWY

PTEF  
PPEF  
FLOOD WALL

PLAN

MATCH LINE ( CV-G4168 )



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**

**TYLIN INTERNATIONAL**



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

ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21135+00 TO 21160+00

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4164**

SCALE  
**AS SHOWN**

SHEET NO.  
**682**

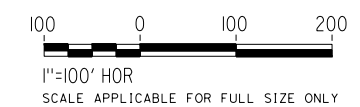
Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4165

5:52:01 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4156 )



**PLAN**

MATCH LINE ( CV-G4169 )

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  
GRADING AND DRAINAGE  
PLAN  
STA 21160+00 TO 21185+00

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4165**

SCALE  
**AS SHOWN**

SHEET NO.  
**683**

Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4166

5:49:49 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4157 )

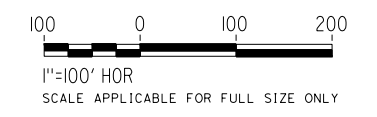


MATCH LINE ( CV-G4165 )

MATCH LINE ( CV-G4167 )

**PLAN**

MATCH LINE ( CV-G4170 )



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  
GRADING AND DRAINAGE  
PLAN  
STA 21185+00 TO 21210+00

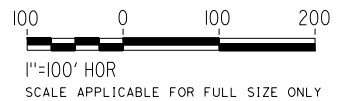
CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4166  
SCALE  
AS SHOWN  
SHEET NO.  
684



MATCH LINE ( CV-G4158 )



MATCH LINE ( CV-G4166 )



Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4167

5:48:26 AM

1/14/2021

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  
GRADING AND DRAINAGE  
PLAN  
STA 21210+00 TO 21235+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4167  
SCALE  
AS SHOWN  
SHEET NO.  
685

Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4168

6:10:30 AM

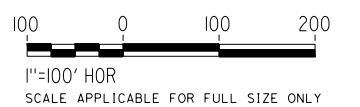
1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4164 )



MATCH LINE ( CV-G4169 )



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  
GRADING AND DRAINAGE  
PLAN  
STA 21135+00 TO 21160+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4168  
SCALE  
AS SHOWN  
SHEET NO.  
686

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4169

6:10:19 AM

1/14/2021

Glenn.Yamanaka@tylin.com

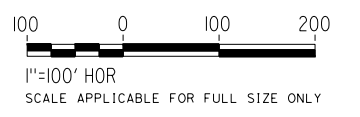
MATCH LINE ( CV-G4165 )



MATCH LINE ( CV-G4168 )

MATCH LINE ( CV-G4170 )

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  
GRADING AND DRAINAGE  
PLAN  
STA 21160+00 TO 21185+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4169  
SCALE  
AS SHOWN  
SHEET NO.  
687

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4170

6:10:22 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4166 )



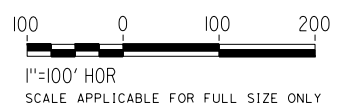
MATCH LINE ( CV-G4169 )

100-YEAR FEMA FLOODPLAIN BOUNDARY

PROP SIERRA HWY

PTEF  
PPEF

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**

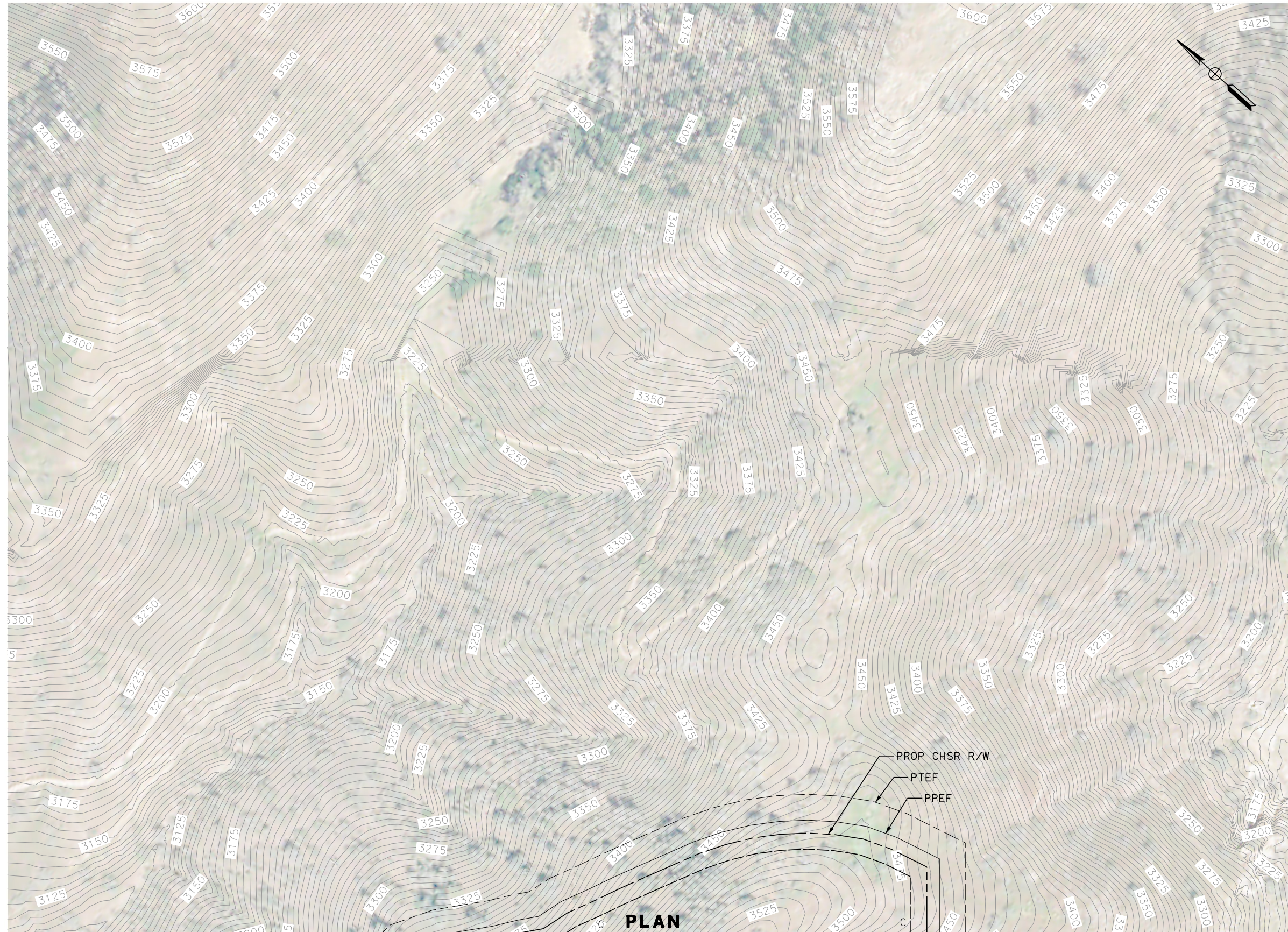
**NOT FOR  
CONSTRUCTION**



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

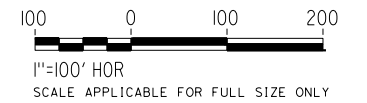
ALTERNATIVE 1,2,3  
GRADING AND DRAINAGE  
PLAN  
STA 21185+00 TO 21210+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4170  
SCALE  
AS SHOWN  
SHEET NO.  
688



MATCH LINE ( CV-G4056 )

MATCH LINE ( CV-G4057 )



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**

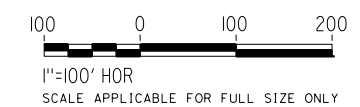
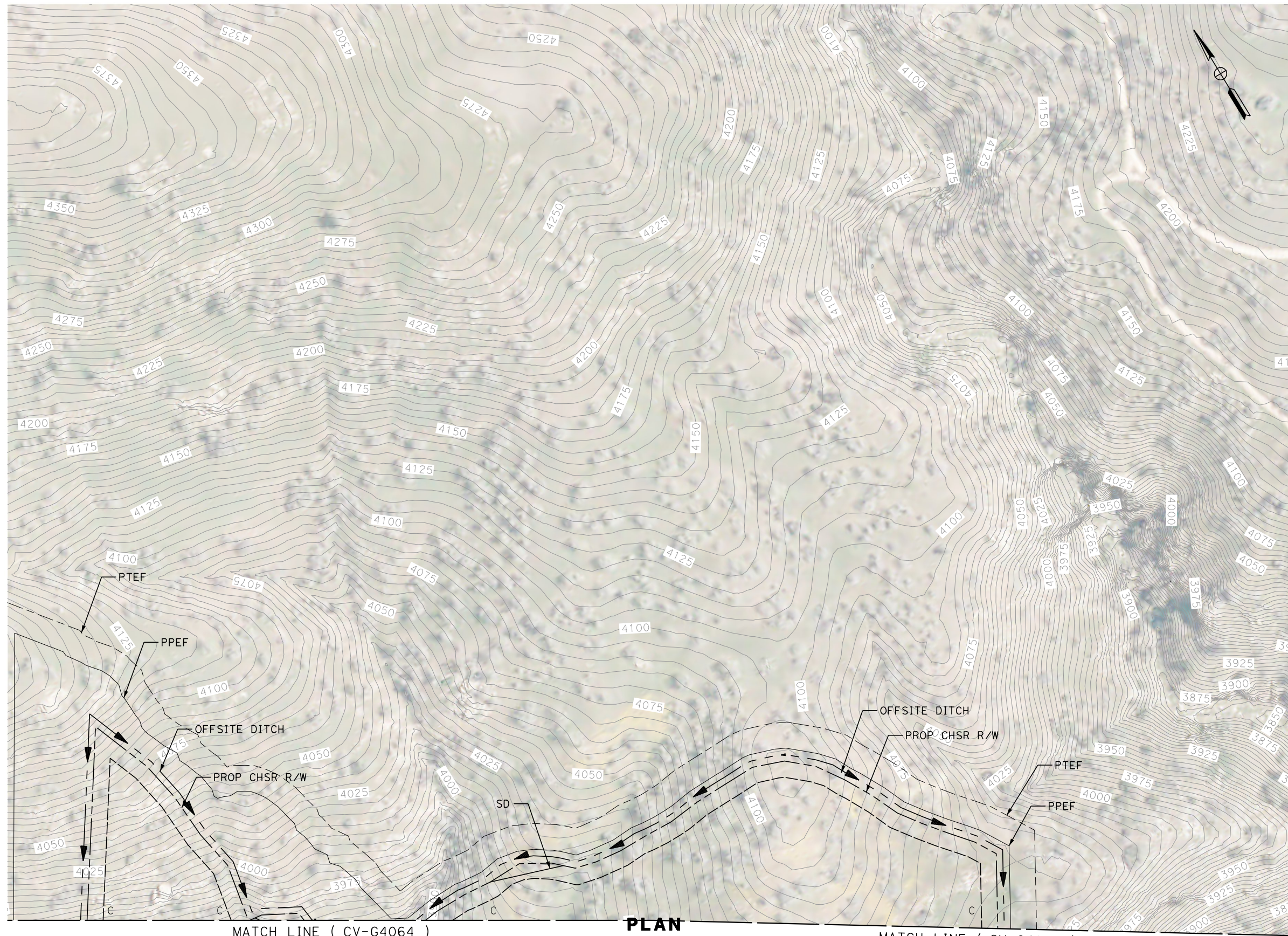
**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18672+50 TO 18697+50

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4171  
SCALE  
AS SHOWN  
SHEET NO.  
689



MATCH LINE ( CV-G4064 )

**PLAN**

MATCH LINE ( CV-G4065 )

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**

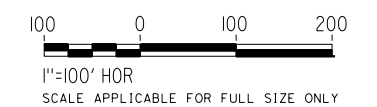
ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18872+50 TO 18897+50

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4172  
SCALE  
AS SHOWN  
SHEET NO.  
690



MATCH LINE ( CV-G4070 )

MATCH LINE ( CV-G4070 )



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**

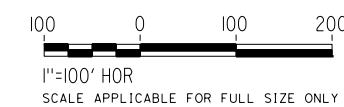
ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
STA 18997+50 TO 19022+50

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4173  
SCALE  
AS SHOWN  
SHEET NO.  
691

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4174

1/14/2021 5:50:34 AM

Glenn.Yamanaka@tylin.com



MATCH LINE STA ( CV-G4013 )

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**

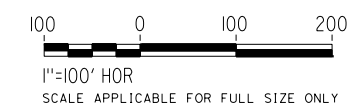
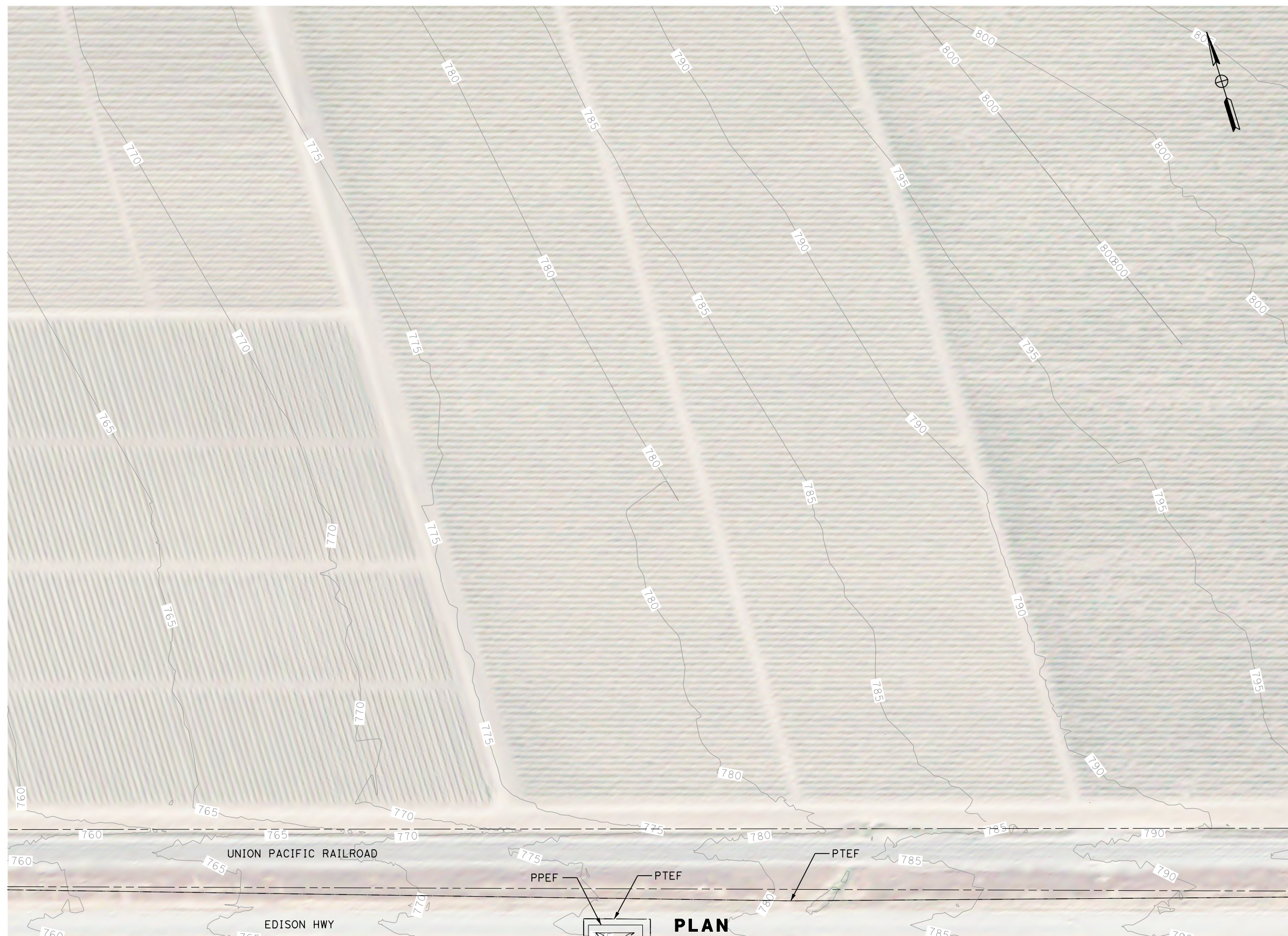


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 17596+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4174  
SCALE  
AS SHOWN  
SHEET NO.  
692





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 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 17711+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4175  
SCALE  
AS SHOWN  
SHEET NO.  
693

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4176

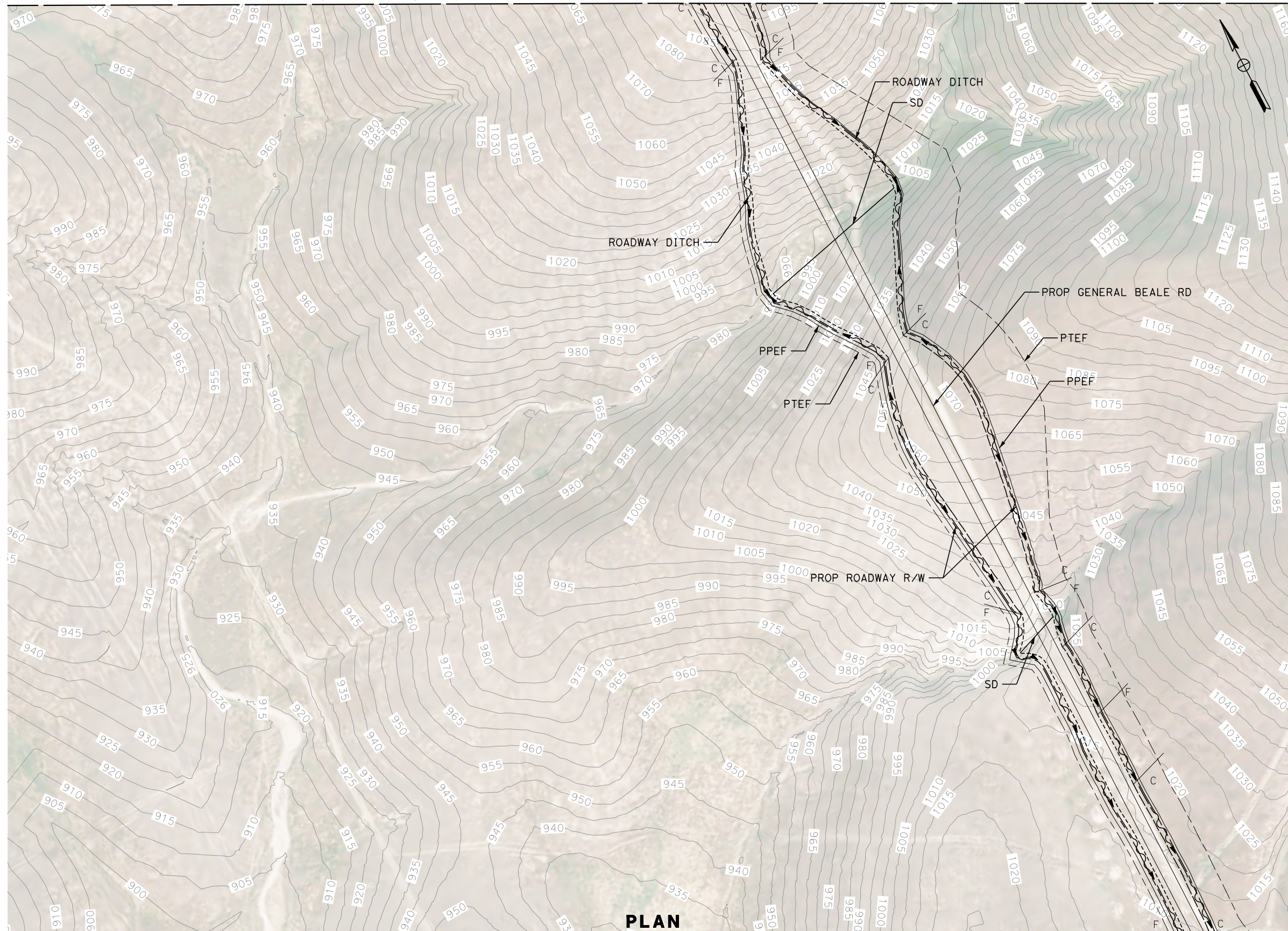
5:53:29 AM

1/14/2021

Glenn.Yamanaka@tylin.com

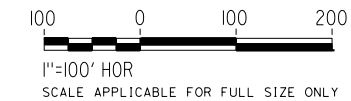
MATCH LINE ( CV-G4025 )

MATCH LINE ( CV-G4026 )



**PLAN**

MATCH LINE ( CV-G4177 )



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 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 17907+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4176  
SCALE  
AS SHOWN  
SHEET NO.  
694

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4177

5:49:05 AM

1/14/2021

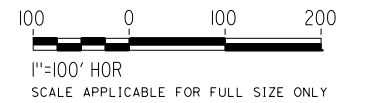
Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4176 )



**PLAN**

MATCH LINE ( CV-G4178 )



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 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 17907+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4177  
SCALE  
AS SHOWN  
SHEET NO.  
695

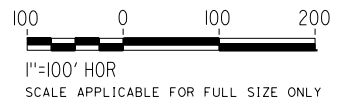
Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4178

5:51:43 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4177 )



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**



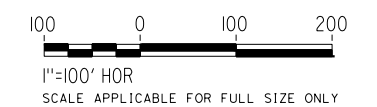
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 17907+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4178  
SCALE  
AS SHOWN  
SHEET NO.  
696

MATCH LINE ( CV-G4047 )

MATCH LINE ( CV-G4048 )



**PLAN**

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4180

5:52:06 AM

1/14/2021

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  
ACCESS ROAD STA 18457+00

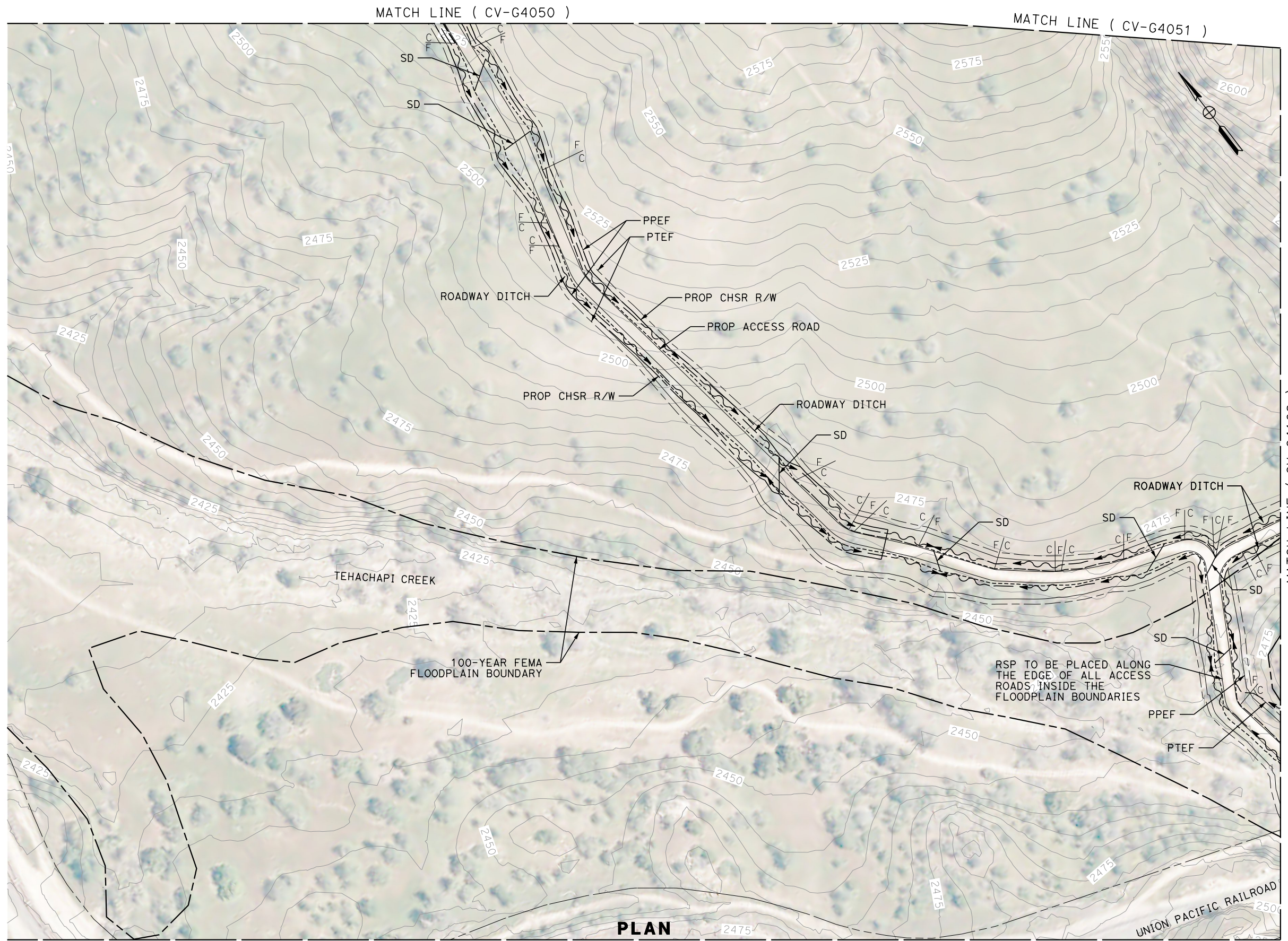
CONTRACT NO.  
HSR13-44

DRAWING NO.  
CV-G4180

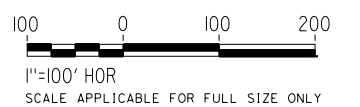
SCALE  
AS SHOWN

SHEET NO.  
697

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4181  
 1/14/2021 5:52:45 AM 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  
 PEPP  
 SUBMITTAL**

**NOT FOR  
 CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
 GRADING AND DRAINAGE  
 PLAN  
 ACCESS ROAD STA 18516+00

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4181**

SCALE  
**AS SHOWN**

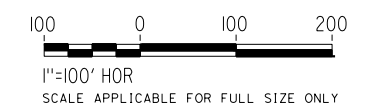
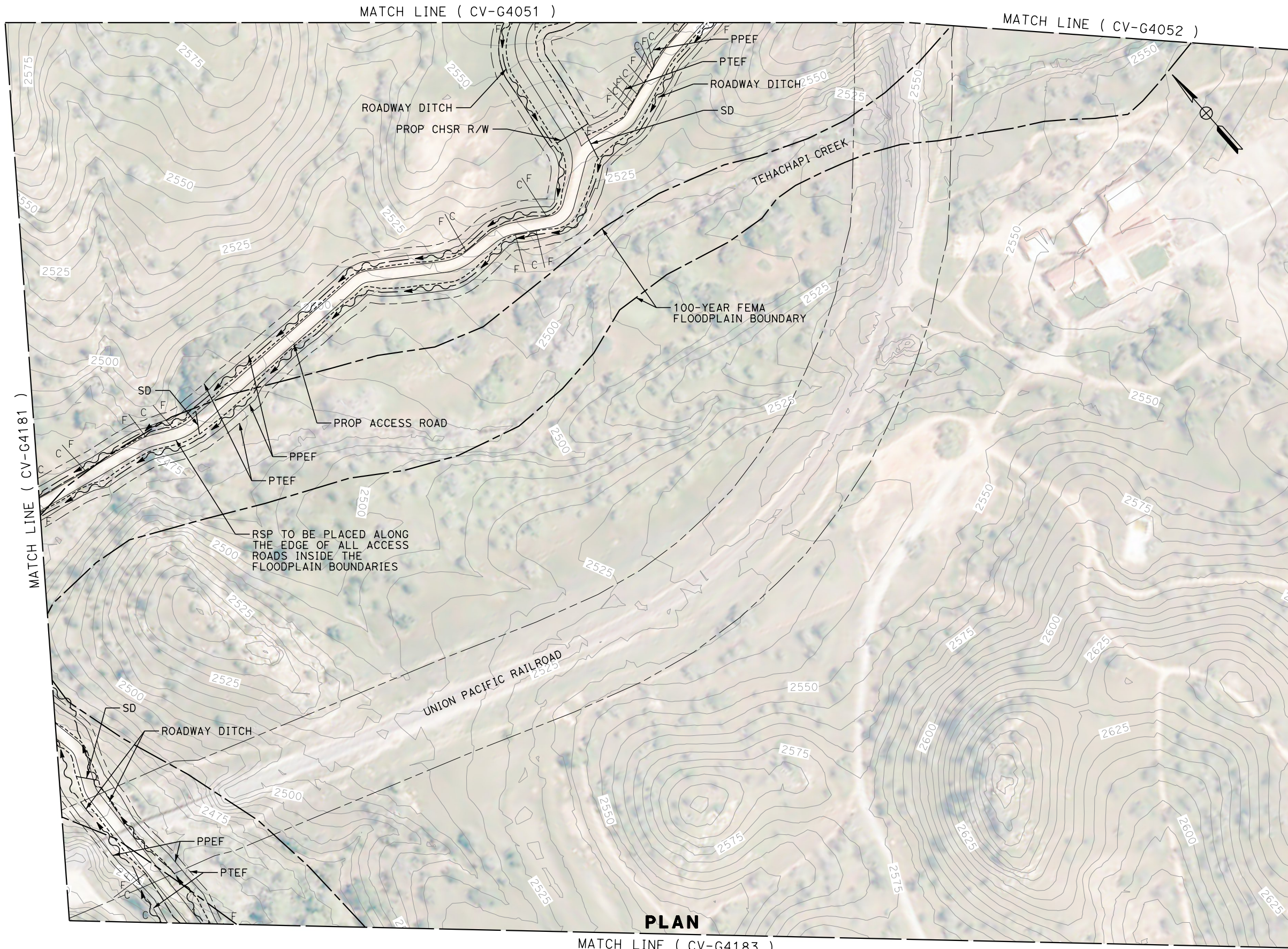
SHEET NO.  
**698**

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4182

5:47:10 AM

1/14/2021

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  
ACCESS ROAD STA 18516+00

CONTRACT NO.  
HSR13-44

DRAWING NO.  
CV-G4182

SCALE  
AS SHOWN

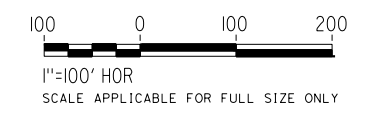
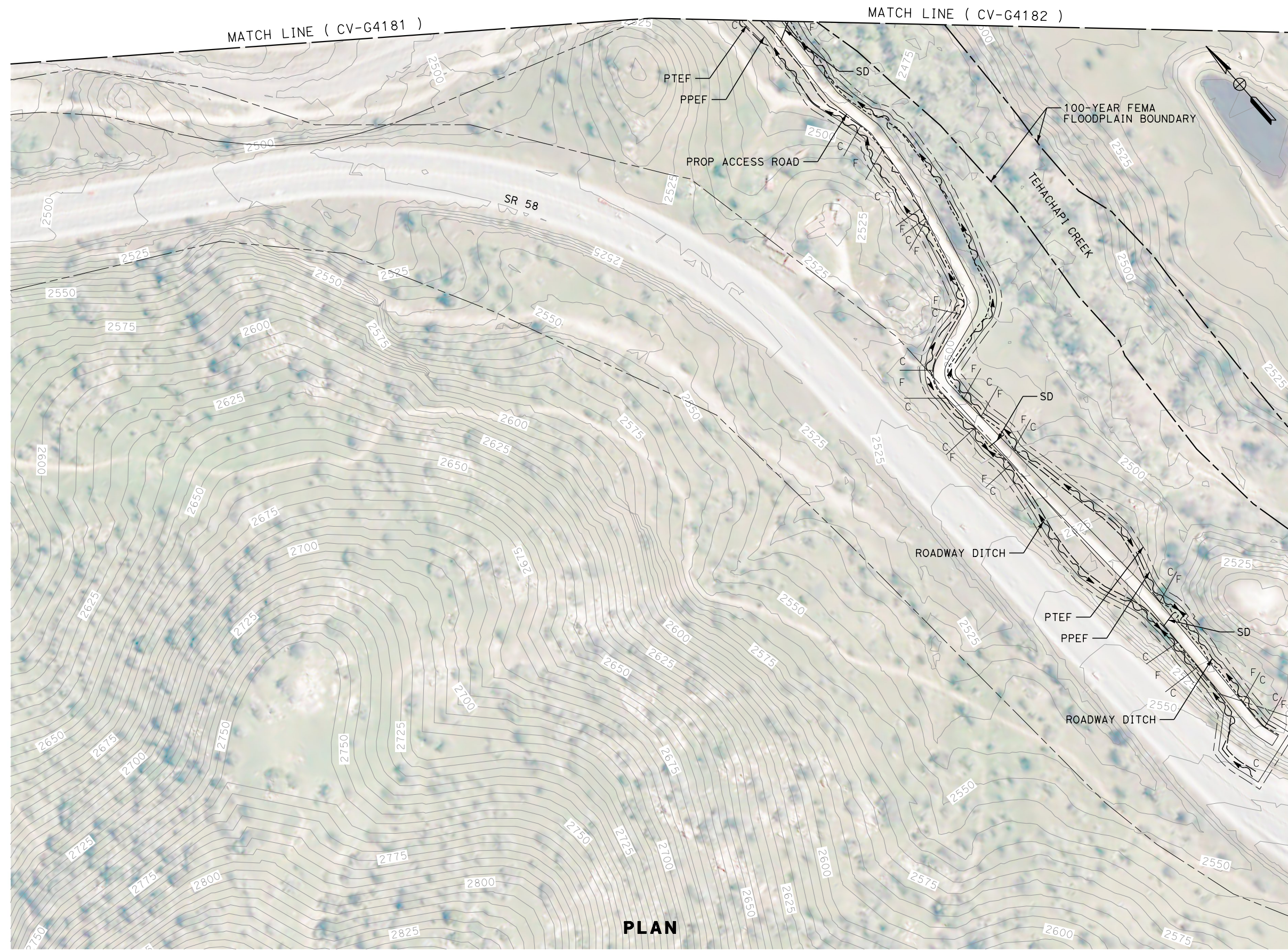
SHEET NO.  
699

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4183

5:54:14 AM

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**



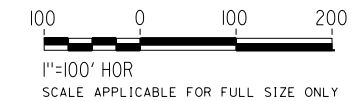
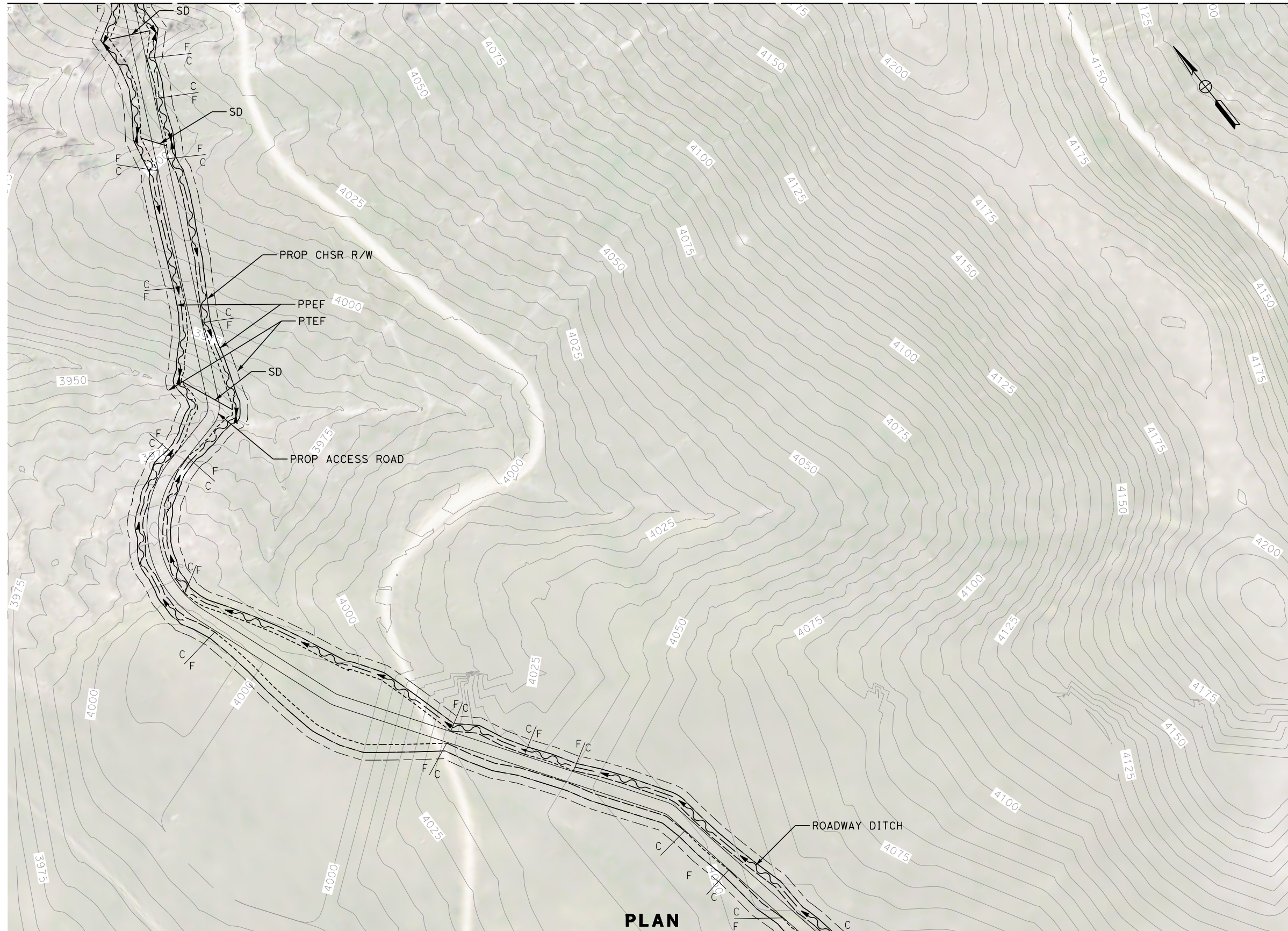
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 18516+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4183  
SCALE  
AS SHOWN  
SHEET NO.  
700



MATCH LINE ( CV-G4068 )



**PLAN**

MATCH LINE ( CV-G4185 )

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4184

5:50:02 AM

1/14/2021

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**

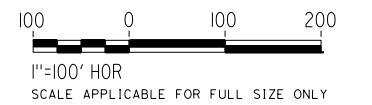
ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 18908+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4184  
SCALE  
AS SHOWN  
SHEET NO.  
701

MATCH LINE ( CV-G4184 )



MATCH LINE ( CV-G4186 )



**PLAN**

Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4185

5:52:39 AM

1/14/2021

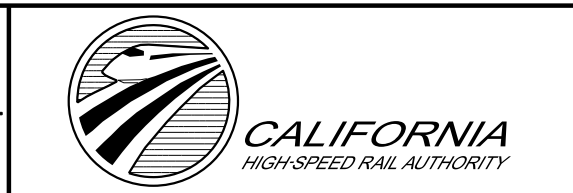
Glenn.Yamanaka@tylin.com

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  
ACCESS ROAD STA 18908+00

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4185**

SCALE  
**AS SHOWN**

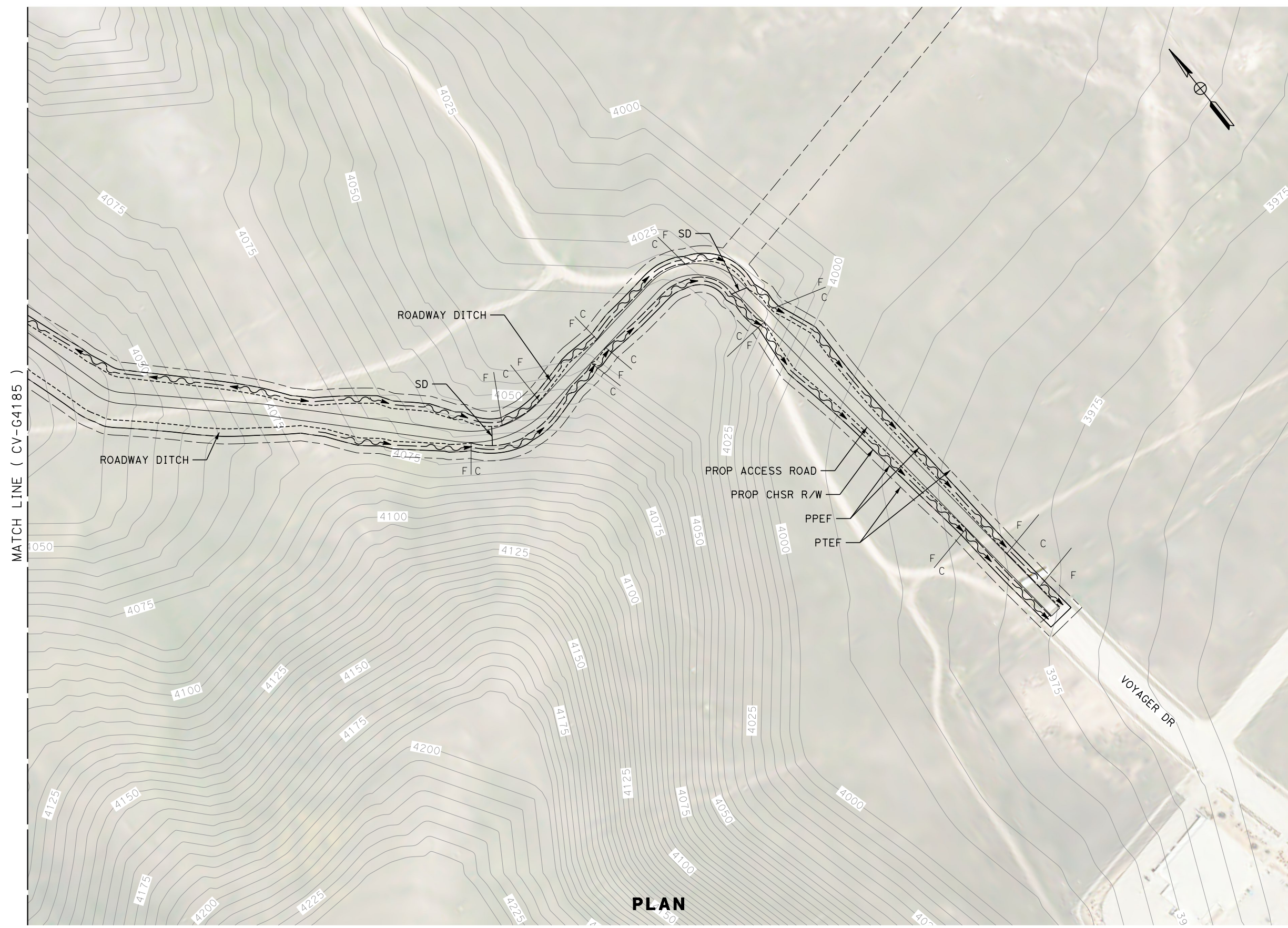
SHEET NO.  
**702**

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\CV\G\BP-CV-G4186

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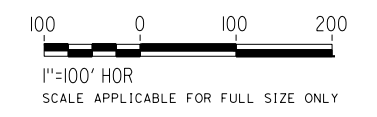
1/14/2021

Glenn.Yamanaka@tylin.com



MATCH LINE ( CV-G4185 )

**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**

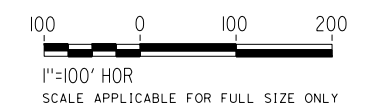
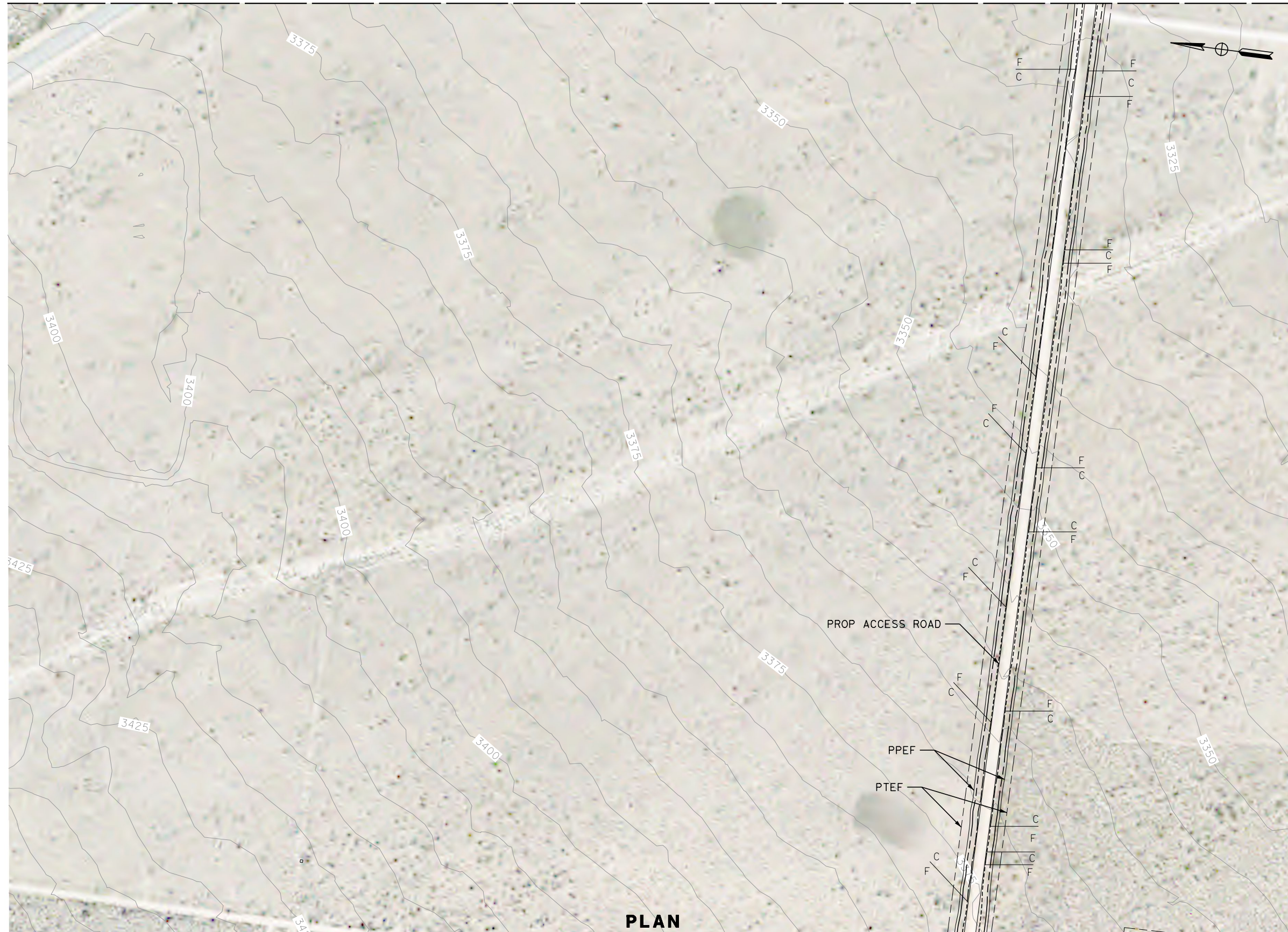


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 18908+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4186  
SCALE  
AS SHOWN  
SHEET NO.  
703

MATCH LINE ( CV-G4190 )



**PLAN**

MATCH LINE ( CV-G4098 )

Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\CV\G\BP-CV-G4189

5:52:12 AM

1/14/2021

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**

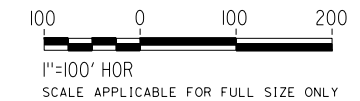
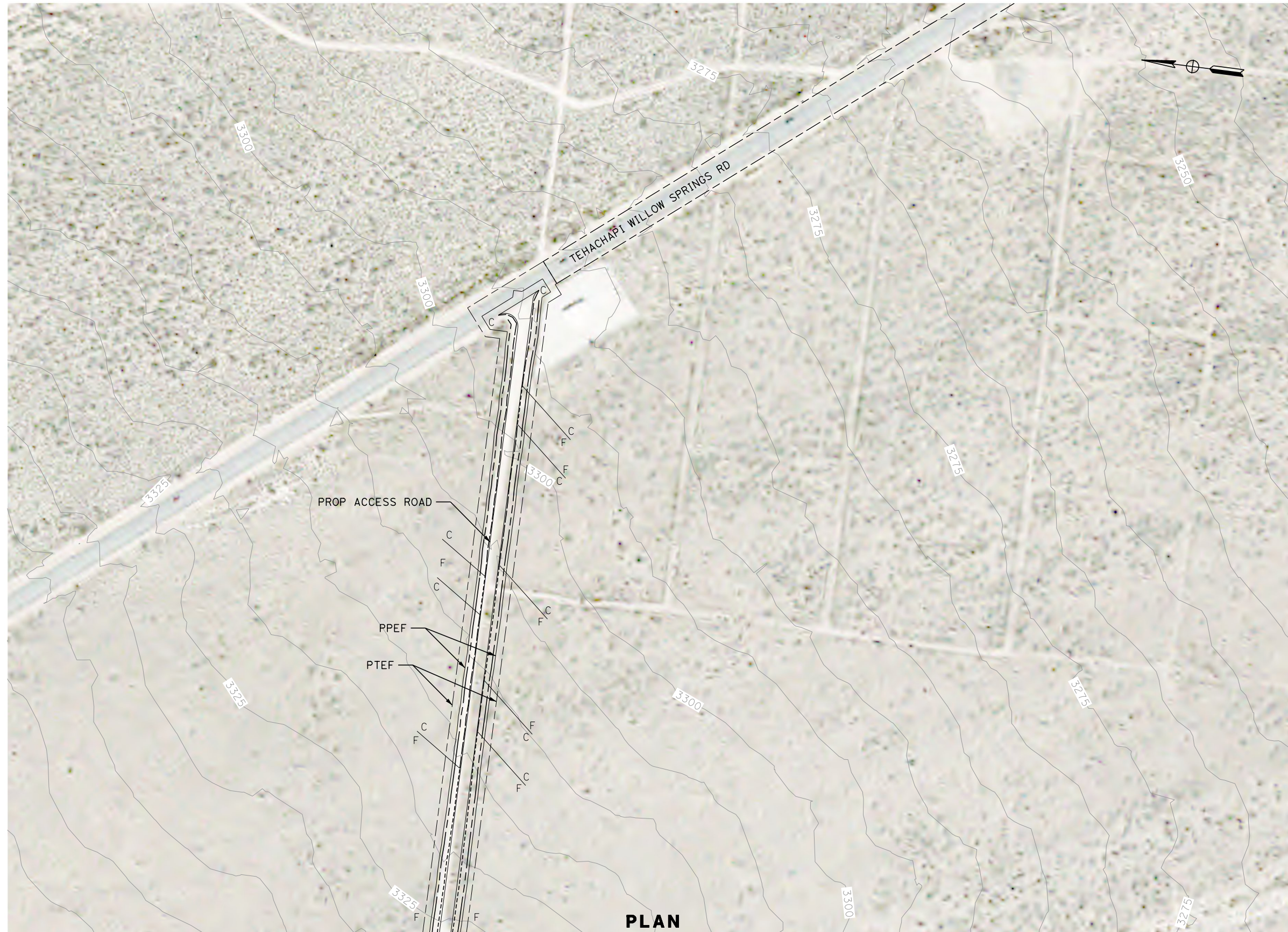
ALTERNATIVE 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 19755+00

CONTRACT NO.  
HSR13-44

DRAWING NO.  
CV-G4189

SCALE  
AS SHOWN

SHEET NO.  
704



**PLAN**

MATCH LINE ( CV-G4189 )

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 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 19755+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4190  
SCALE  
AS SHOWN  
SHEET NO.  
705

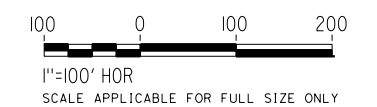
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5:55:11 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4192 )



MATCH LINE ( CV-G4107 )

MATCH LINE ( CV-G4108 )

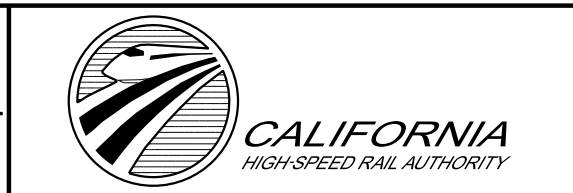
**PLAN**

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 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 19945+00

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**CV-G4191**  
SCALE  
**AS SHOWN**  
SHEET NO.  
**706**

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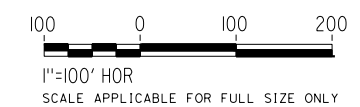
1/14/2021

Glenn.Yamanaka@tylin.com



**PLAN**

MATCH LINE ( CV-G4191 )

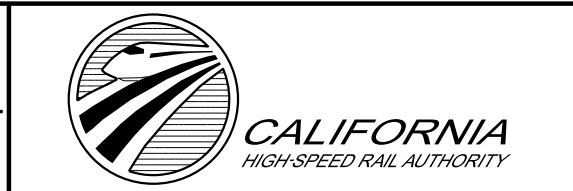


REV	DATE	BY	CHK	APP	DESCRIPTION

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 1,2,5  
GRADING AND DRAINAGE  
PLAN  
ACCESS ROAD STA 19945+00

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**CV-G4192**

SCALE  
**AS SHOWN**

SHEET NO.  
**707**

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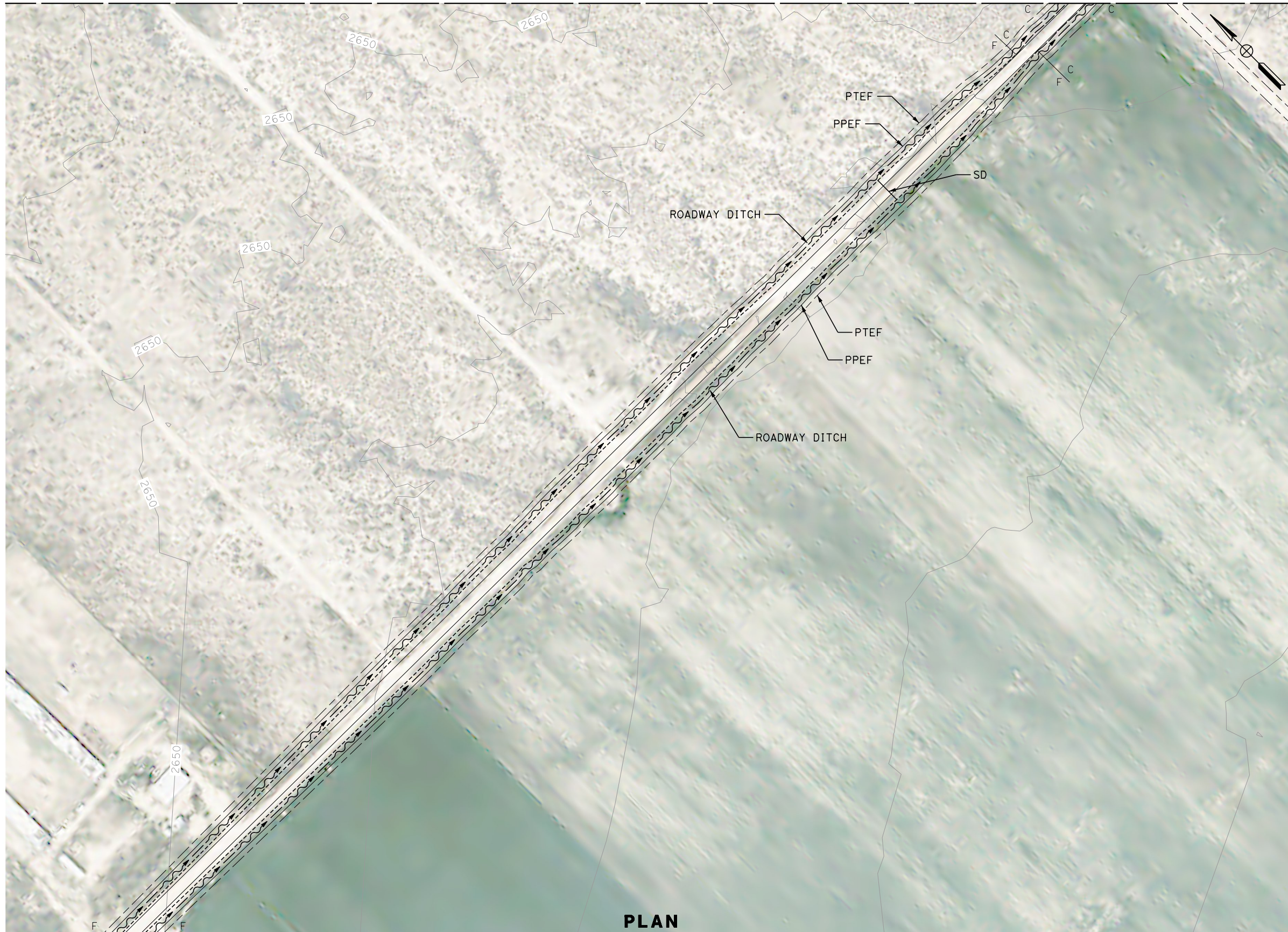
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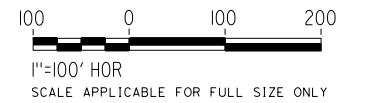
MATCH LINE ( CV-G4111 )

MATCH LINE ( CV-G4112 )



PLAN

MATCH LINE ( CV-G4194 )



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  
ACCESS ROAD STA 20084+00

CONTRACT NO.  
HSR13-44

DRAWING NO.  
CV-G4193

SCALE  
AS SHOWN

SHEET NO.  
708



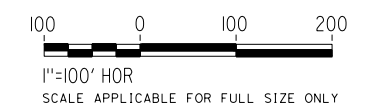
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5:53:42 AM

1/14/2021

Glenn.Yamanaka@tylin.com

MATCH LINE ( CV-G4193 )



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  
ACCESS ROAD STA 20084+00

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
CV-G4194  
SCALE  
AS SHOWN  
SHEET NO.  
709