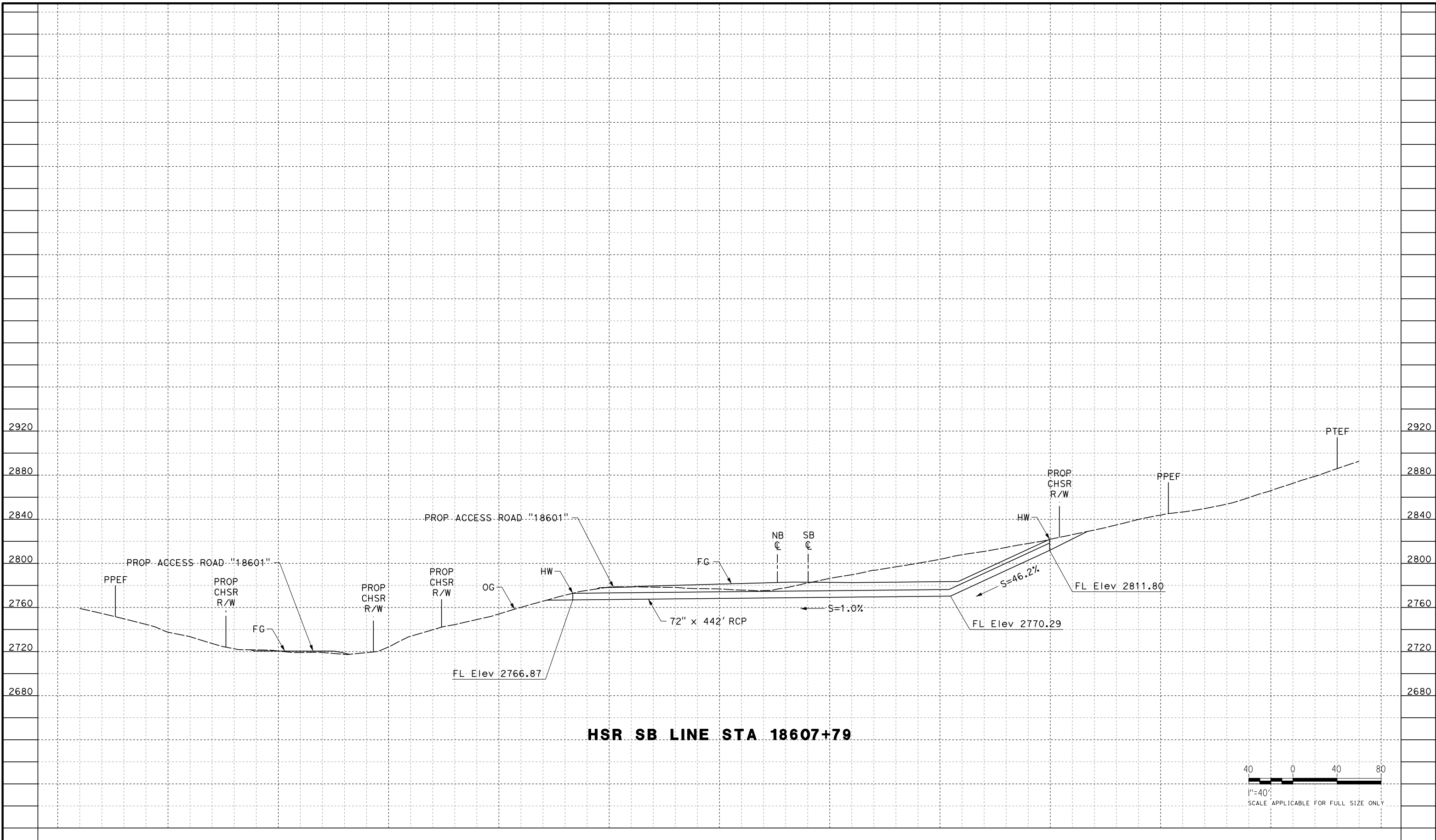
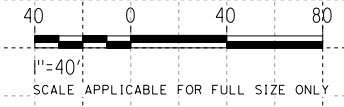


Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\G\BP-CV-G1520

12/22/2020 1:22:44 AM Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18607+79



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**

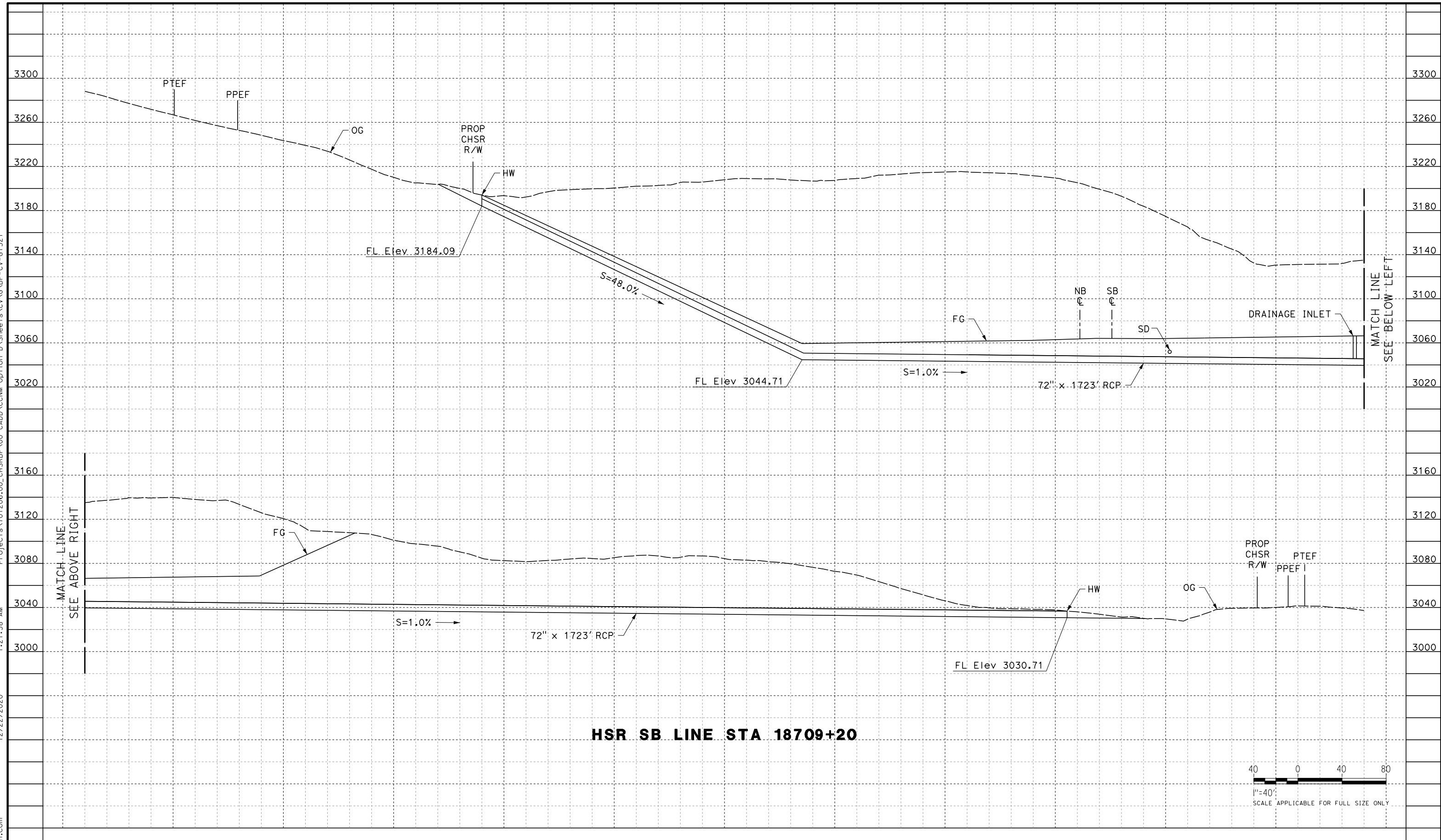


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
OFFSITE CULVERT PROFILE
STA 18607+79

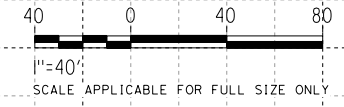
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G1520
SCALE
AS SHOWN
SHEET NO.
100

Projects\701206.00_CHSRBP\00_CADD\CCNM_OpHion D:\Sheets\CV\G\BP-CV-G1521

12/22/2020 1:21:38 AM Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18709+20



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**



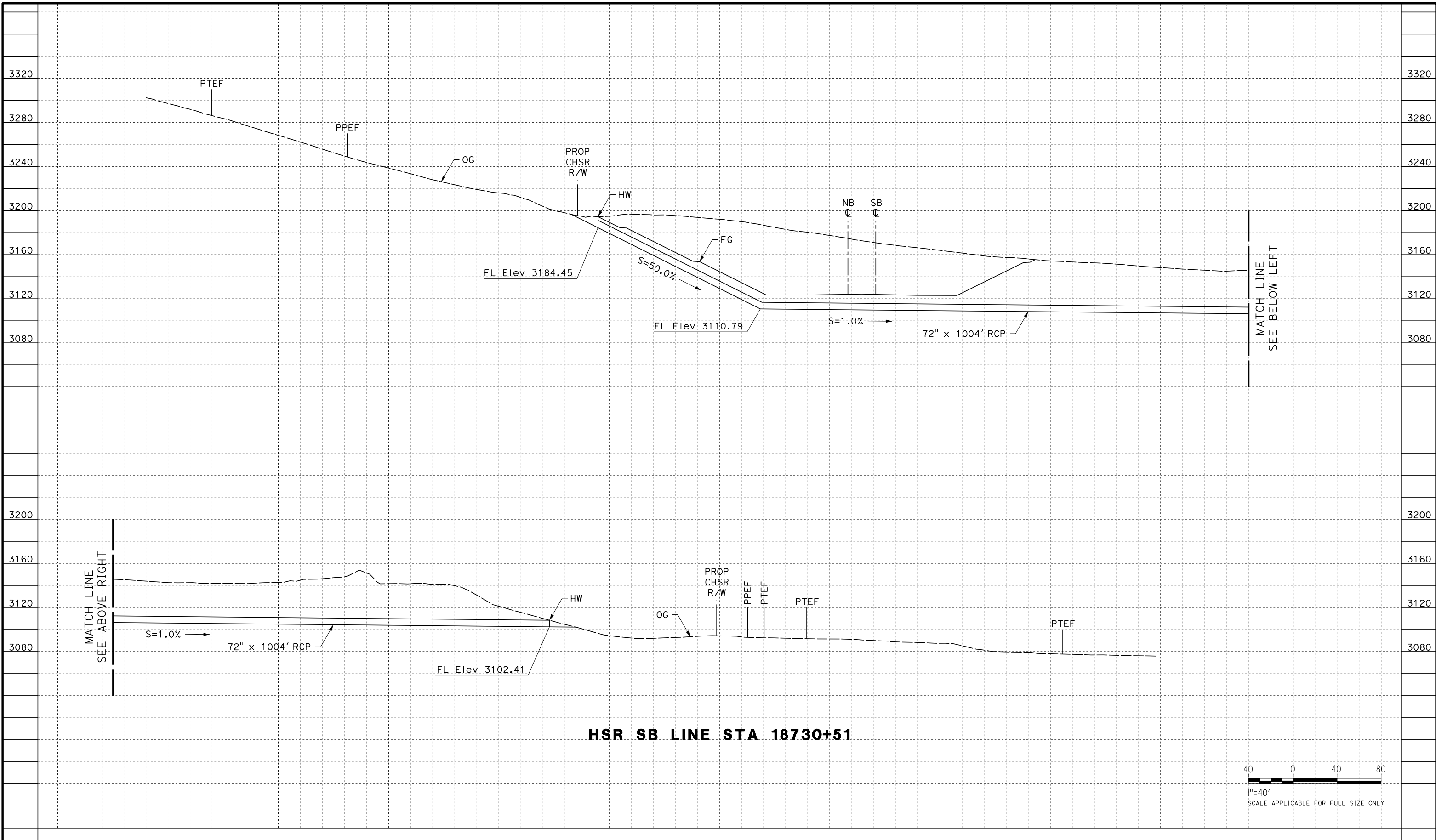
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
OFFSITE CULVERT PROFILE
STA 18709+20

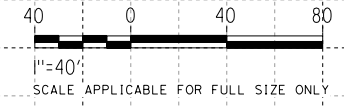
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HSR13-44
DRAWING NO.
CV-G1521
SCALE
AS SHOWN
SHEET NO.
101

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\G\BP-CV-G1522

12/22/2020 1:22:51 AM Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18730+51



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**

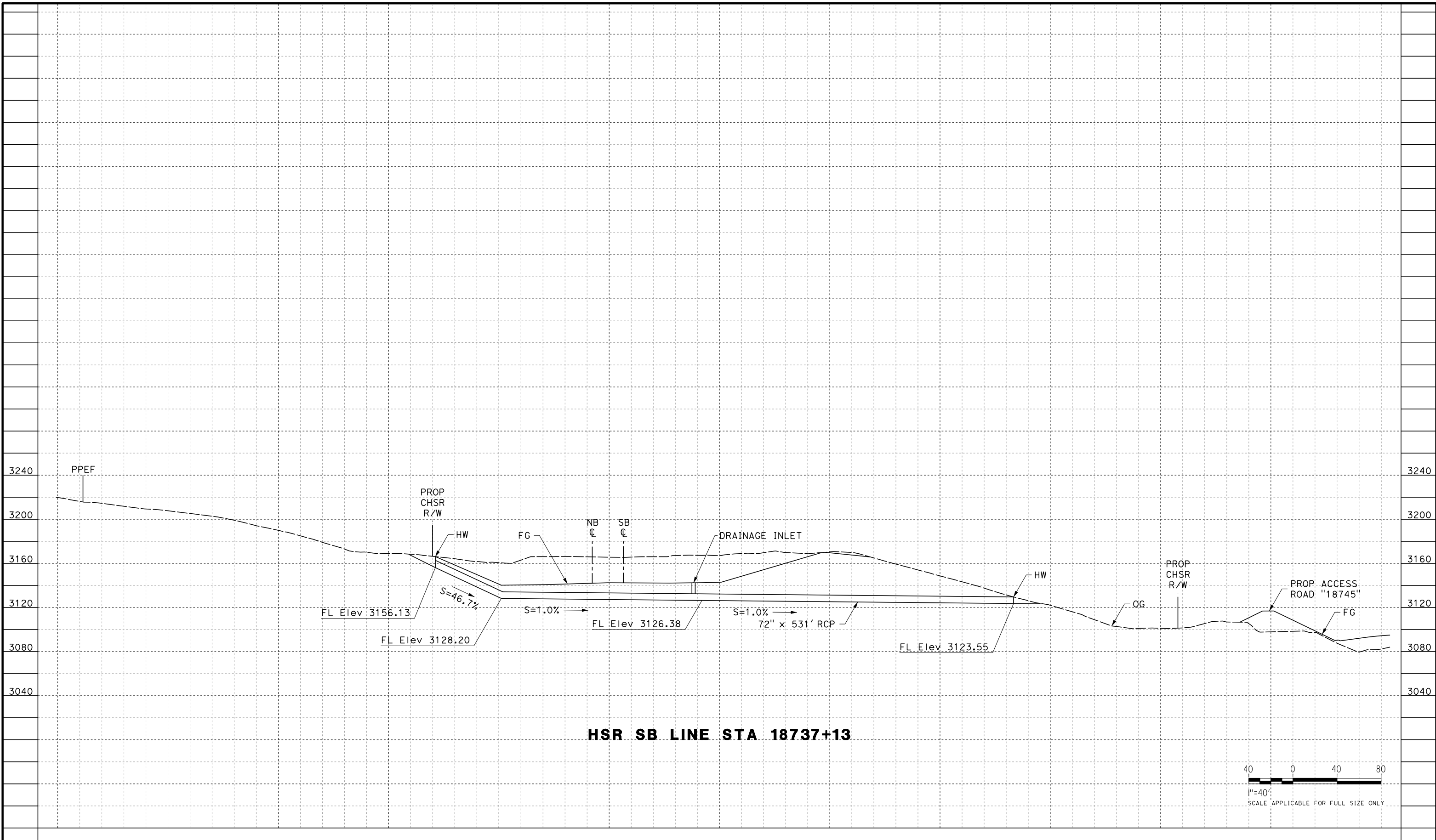


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
OFFSITE CULVERT PROFILE
STA 18730+51

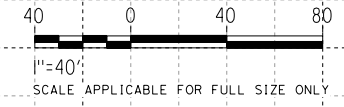
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HSR13-44
DRAWING NO.
CV-G1522
SCALE
AS SHOWN
SHEET NO.
102

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\10n D\Sheets\CV\G\BP-CV-G1523
 12/22/2020 1:20:37 AM

Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18737+13



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**

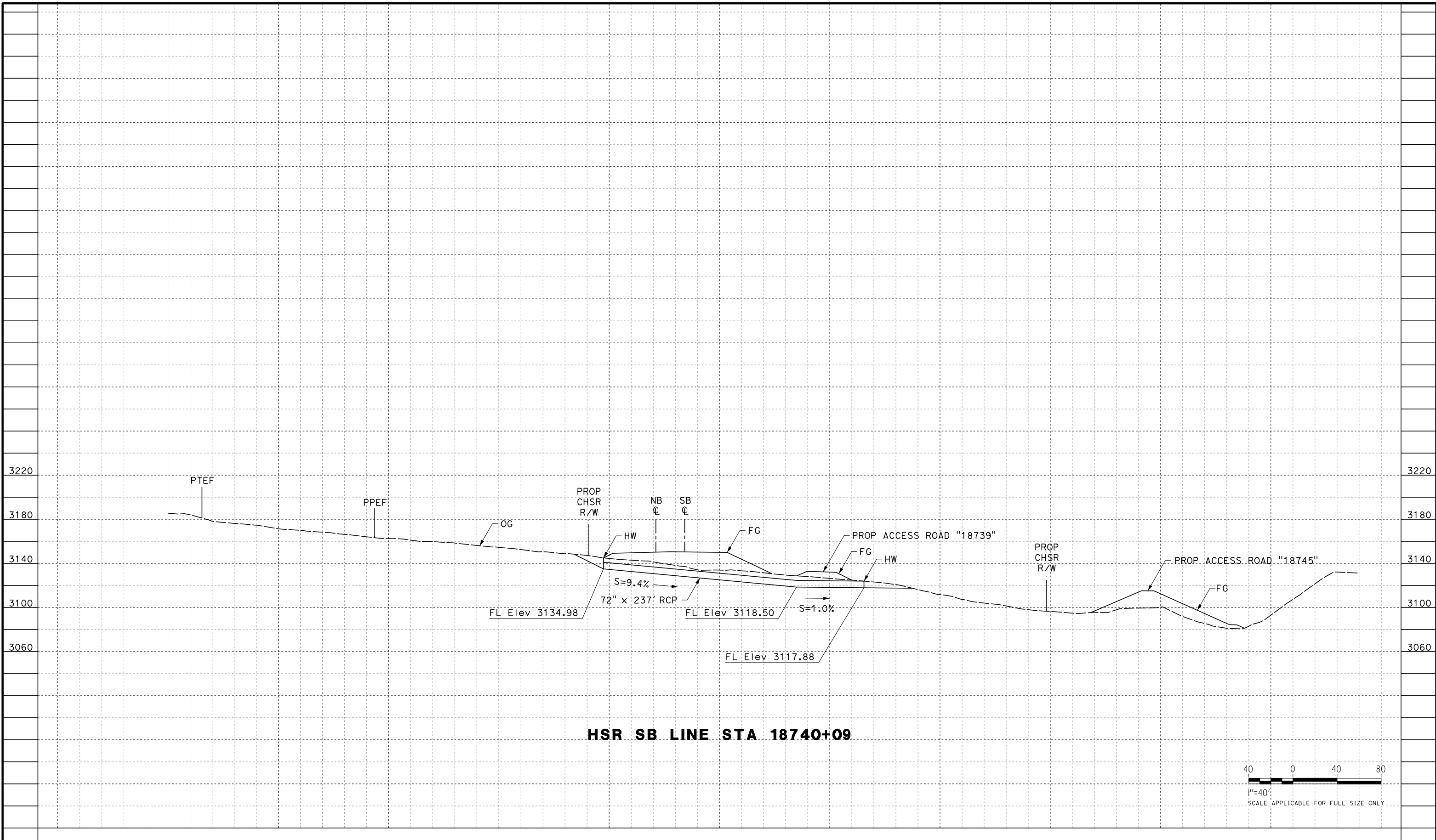


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 REFINED CCNM DESIGN OPTION
 GRADING AND DRAINAGE
 OFFSITE CULVERT PROFILE
 STA 18737+13

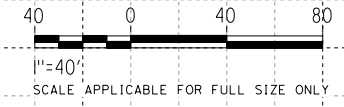
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HSR13-44
 DRAWING NO.
CV-G1523
 SCALE
AS SHOWN
 SHEET NO.
103

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\G\BP-CV-G1524
1:21:47 AM
12/22/2020

Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18740+09



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**

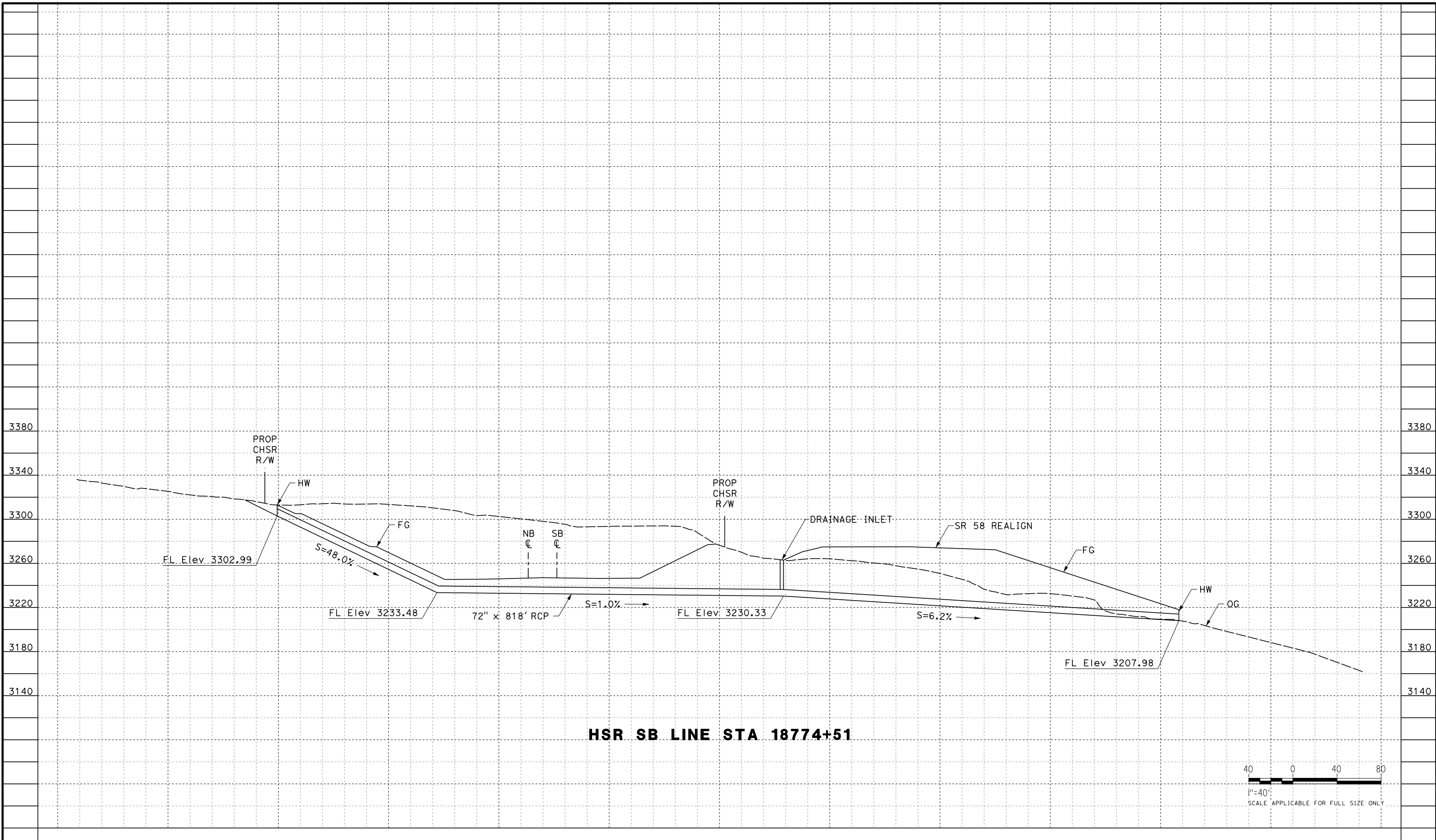


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
OFFSITE CULVERT PROFILE
STA 18740+09

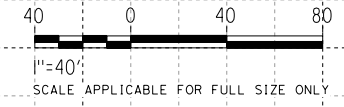
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G1524
SCALE
AS SHOWN
SHEET NO.
104

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\G\BP-CV-G1526
 12/22/2020 1:22:01 AM

Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18774+51



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**

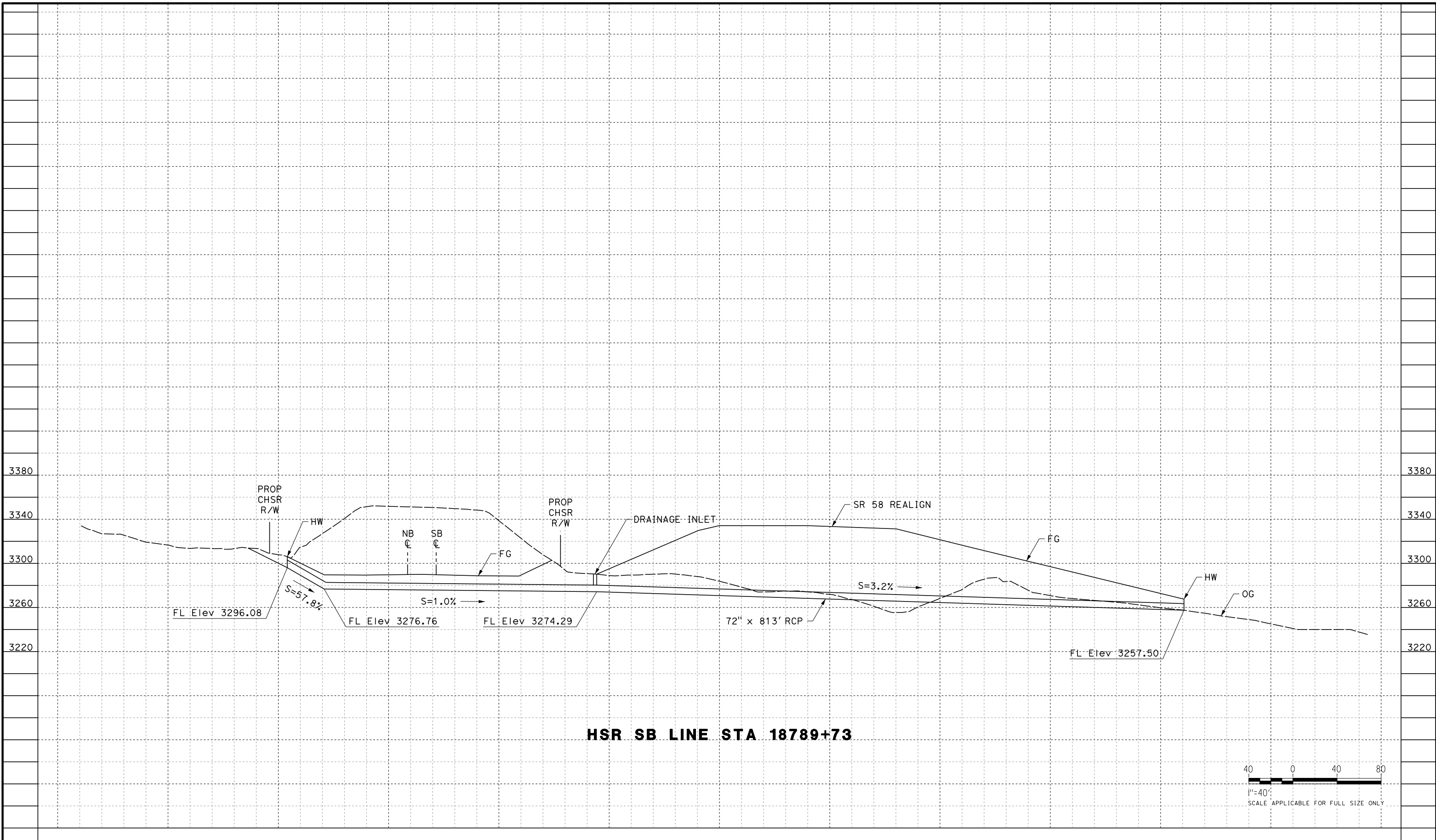


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 REFINED CCNM DESIGN OPTION
 GRADING AND DRAINAGE
 OFFSITE CULVERT PROFILE
 STA 18774+51

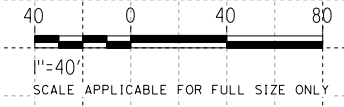
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HSR13-44
 DRAWING NO.
CV-G1526
 SCALE
AS SHOWN
 SHEET NO.
105

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\G\BP-CV-G1527
 1:23:28 AM
 12/22/2020

Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18789+73



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**

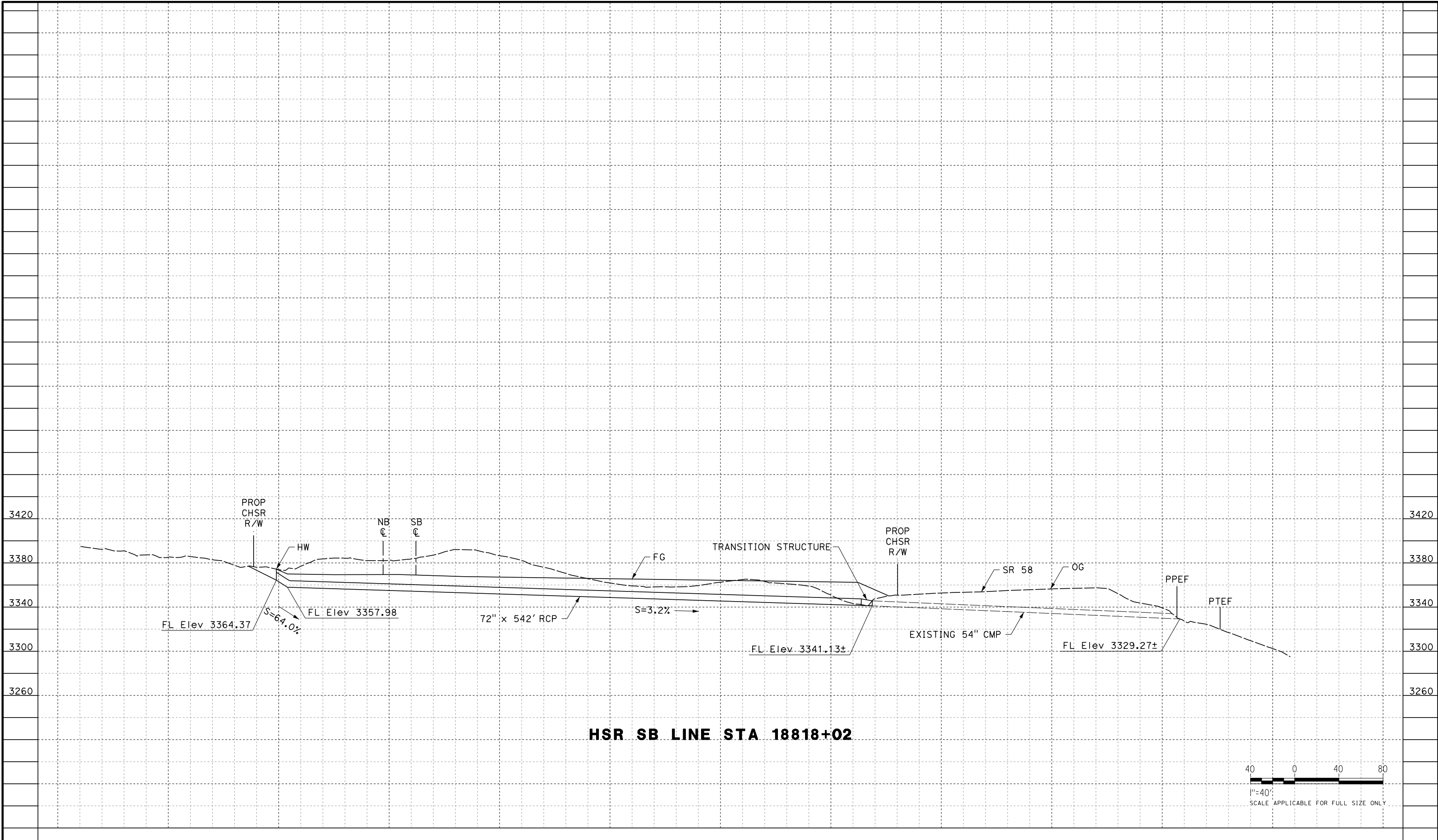


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 REFINED CCNM DESIGN OPTION
 GRADING AND DRAINAGE
 OFFSITE CULVERT PROFILE
 STA 18789+73

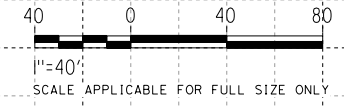
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HSR13-44
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CV-G1527
 SCALE
AS SHOWN
 SHEET NO.
106

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\G\BP-CV-G1528

12/22/2020 1:21:40 AM Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18818+02



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**

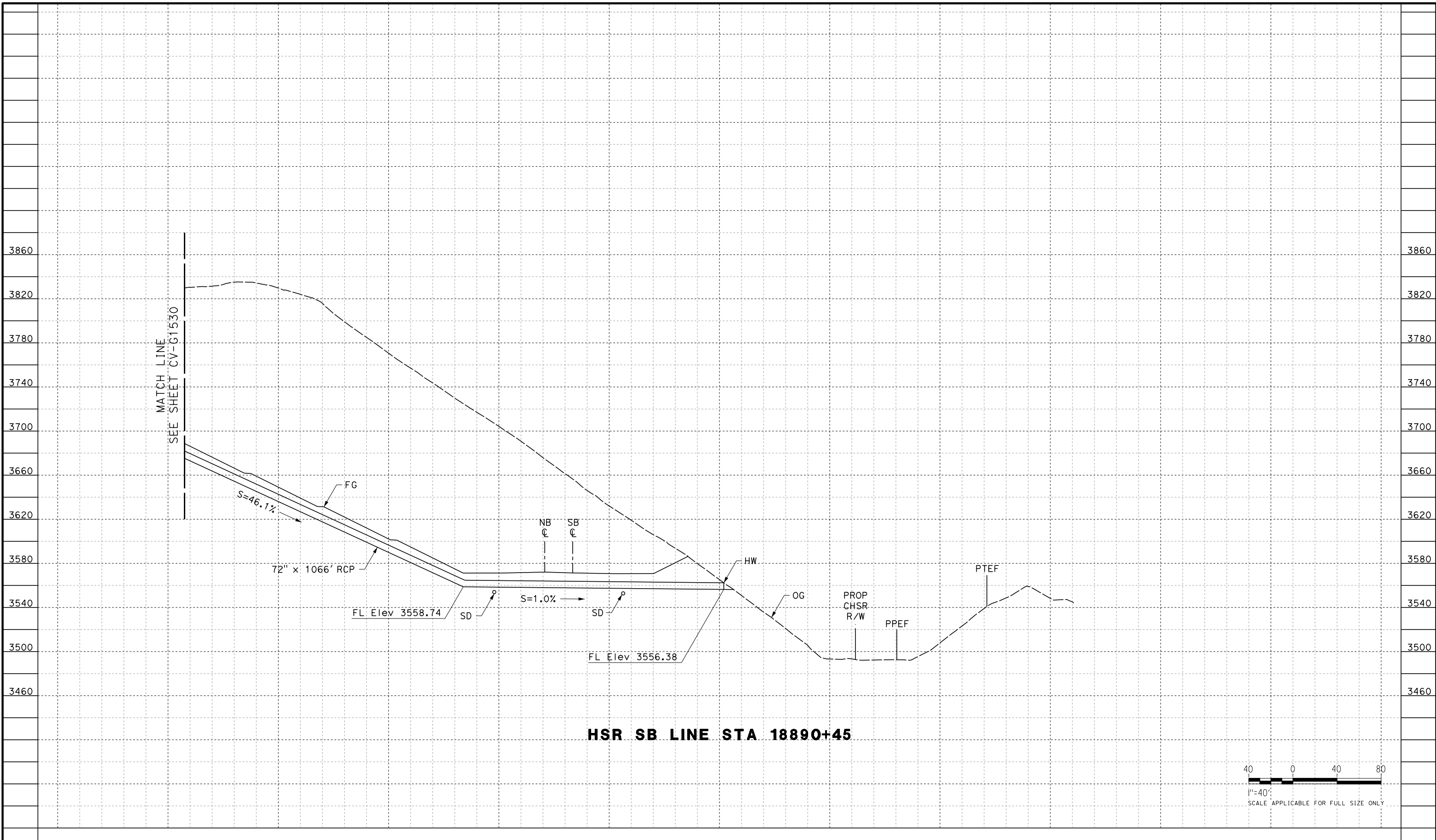


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
OFFSITE CULVERT PROFILE
STA 18818+02

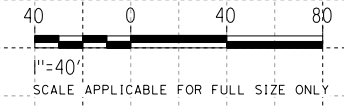
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HSR13-44
DRAWING NO.
CV-G1528
SCALE
AS SHOWN
SHEET NO.
107

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\CV\G\BP-CV-G1529

12/22/2020 1:22:42 AM Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18890+45



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**



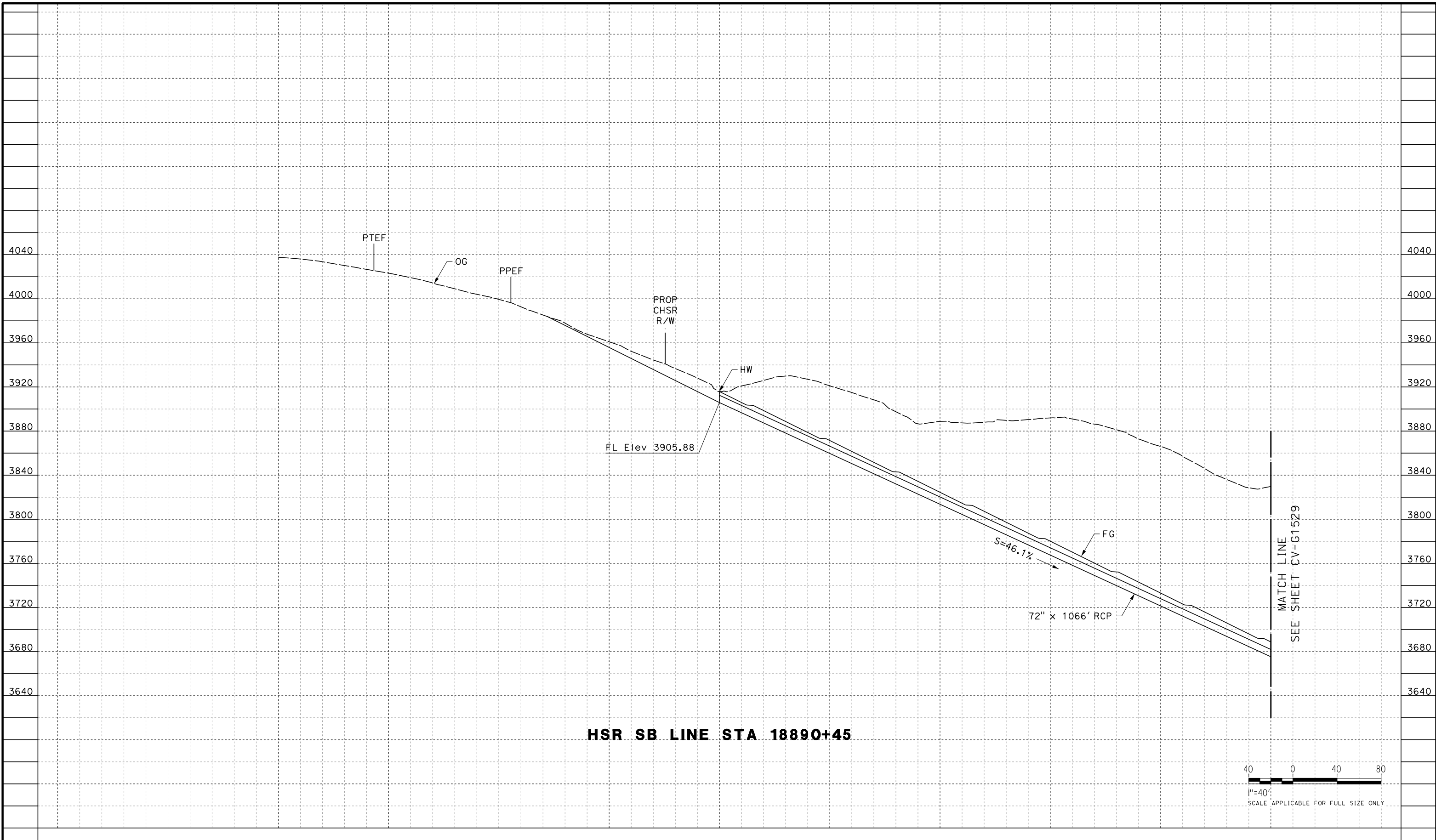
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
OFFSITE CULVERT PROFILE
STA 18890+45

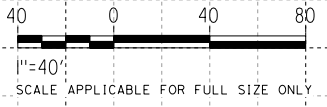
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HSR13-44
DRAWING NO.
CV-G1529
SCALE
AS SHOWN
SHEET NO.
108

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\ABP-CV-G1530

12/22/2020 1:21:45 AM Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18890+45



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**

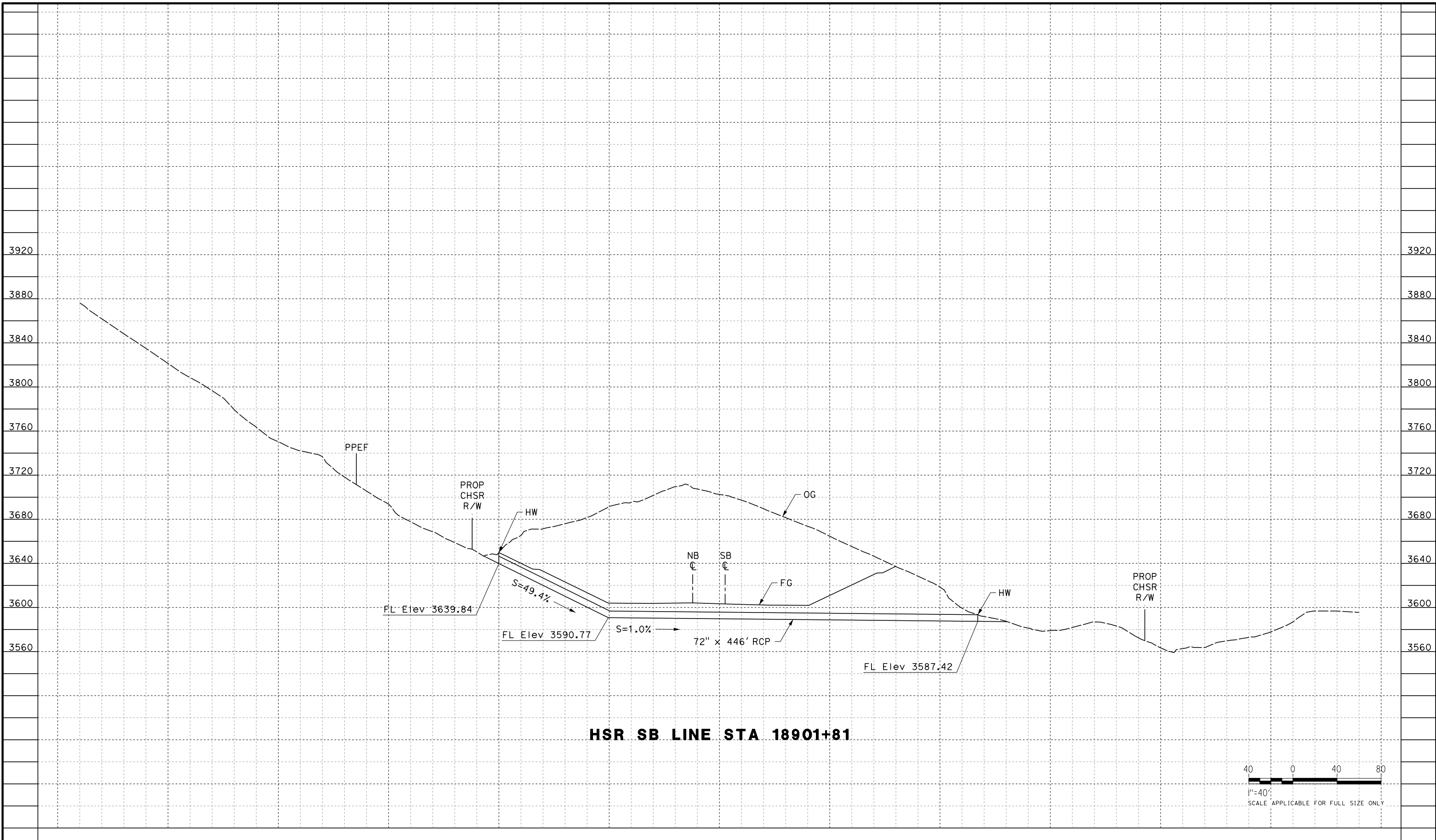


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
OFFSITE CULVERT PROFILE
STA 18890+45

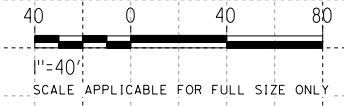
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HSR13-44
DRAWING NO.
CV-G1530
SCALE
AS SHOWN
SHEET NO.
109

Projects\701206.00_CHSRBP\00_CADD\CCNM_OpHion_D\Sheets\CV\GABP-CV-G1531

12/22/2020 1:22:49 AM Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18901+81



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**



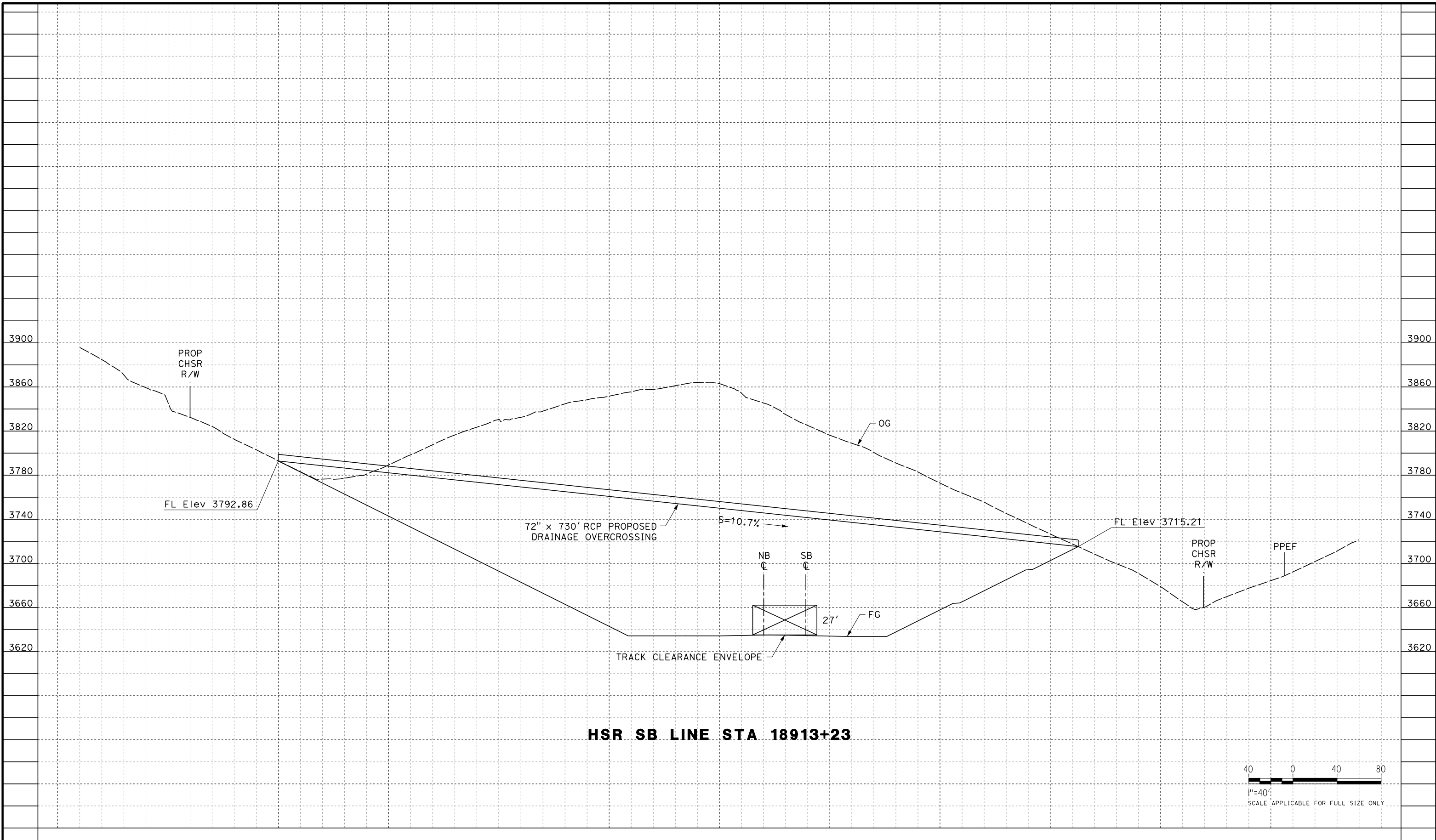
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
OFFSITE CULVERT PROFILE
STA 18901+81

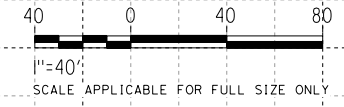
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DRAWING NO.
CV-G1531
SCALE
AS SHOWN
SHEET NO.
110

Projects\701206.00_CHSRBP\00_CADD\CCNM_OpHion D\Sheets\CV\G\BP-CV-G1532

12/22/2020 1:20:46 AM Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18913+23



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
OFFSITE CULVERT PROFILE
STA 18913+23

CONTRACT NO.
HSR13-44

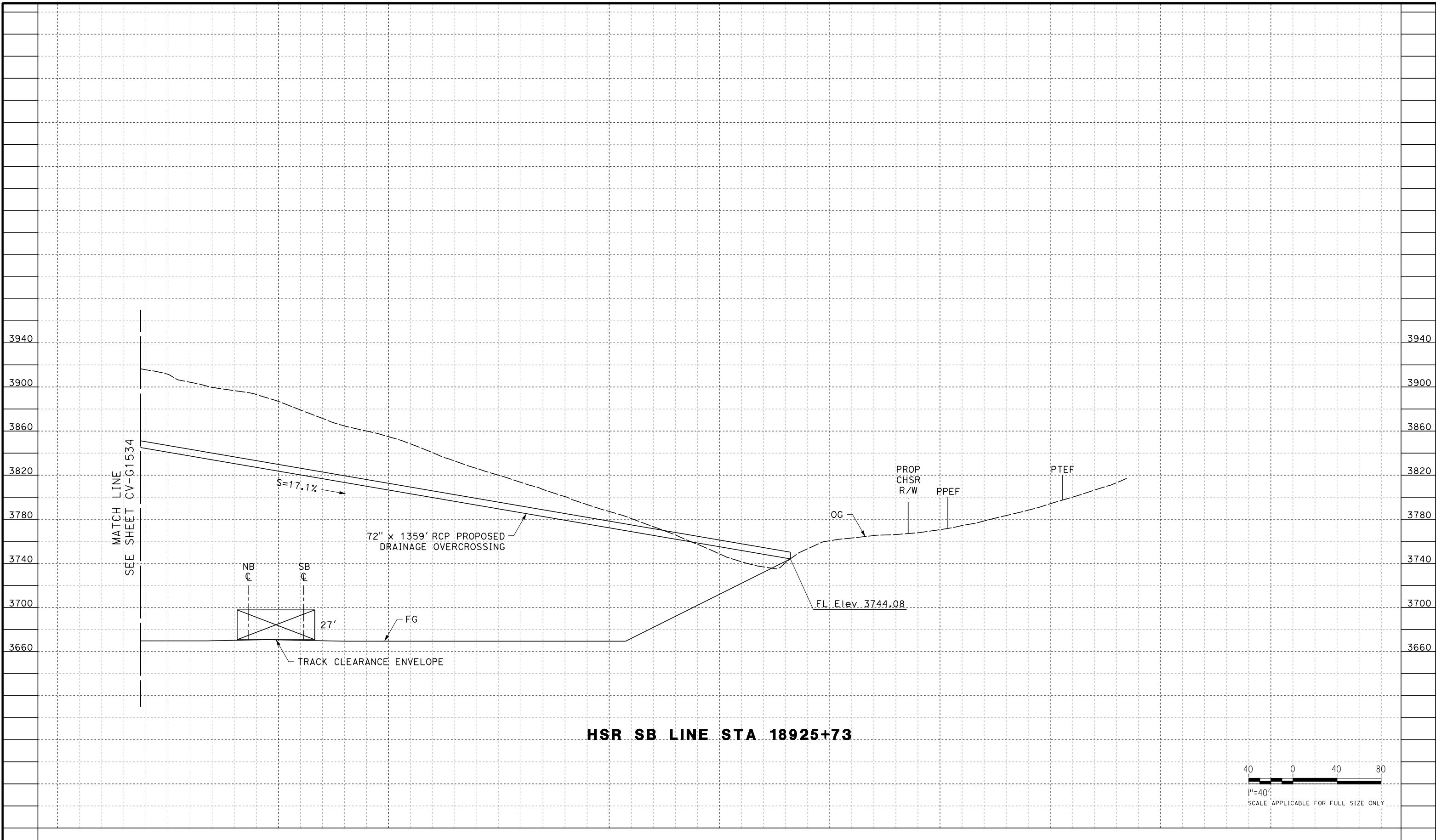
DRAWING NO.
CV-G1532

SCALE
AS SHOWN

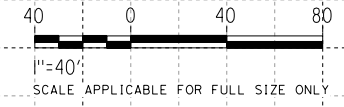
SHEET NO.
111

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\CV\G\BP-CV-G1533

12/22/2020 1:22:55 AM Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18925+73



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**

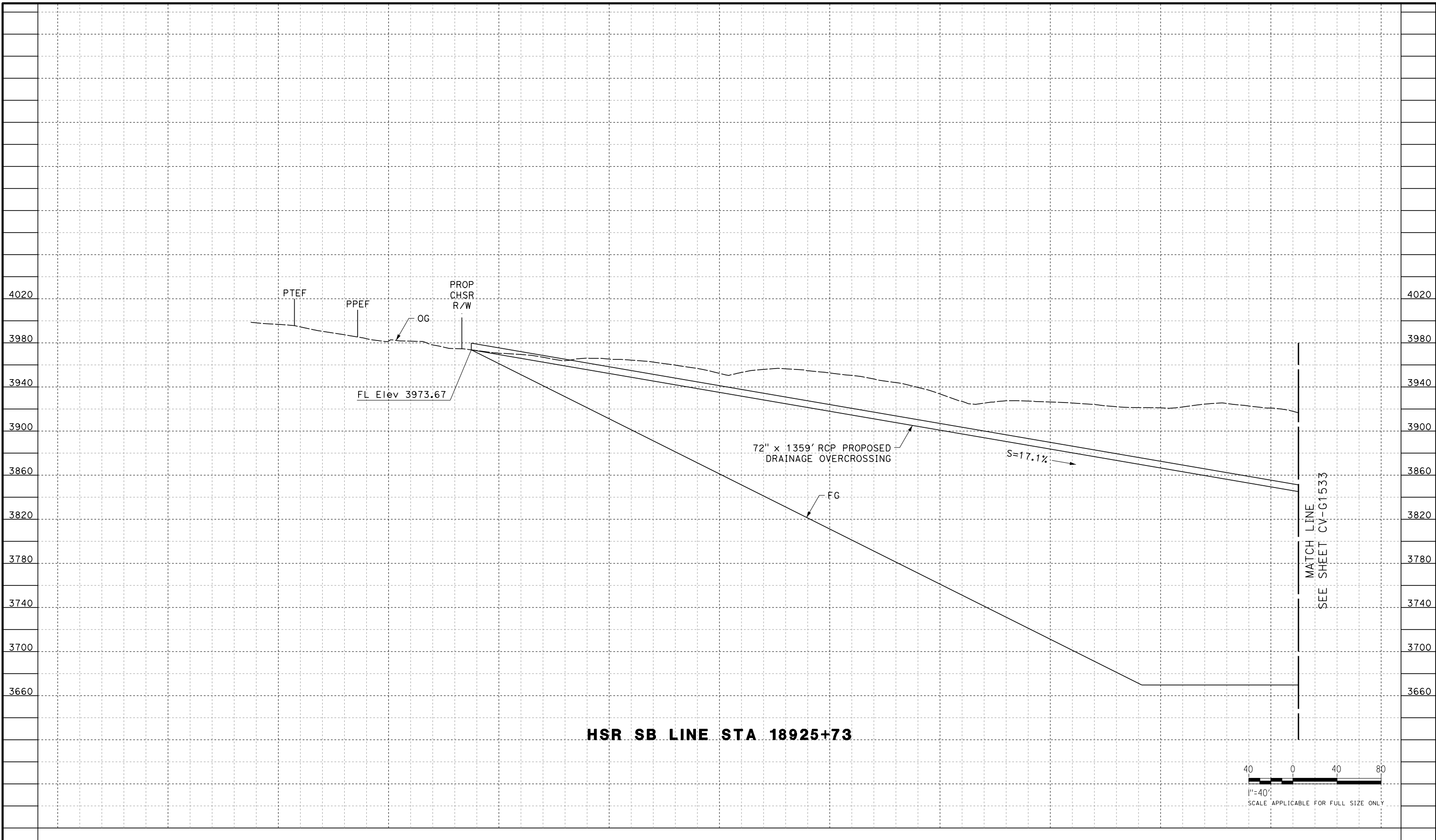


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
OFFSITE CULVERT PROFILE
STA 18925+73

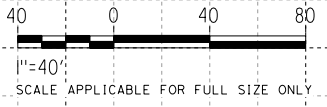
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G1533
SCALE
AS SHOWN
SHEET NO.
112

12/22/2020 1:22:10 AM Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\CV\G\BP-CV-G1534

Glen.Yamanaka@tylin.com



HSR SB LINE STA 18925+73



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**

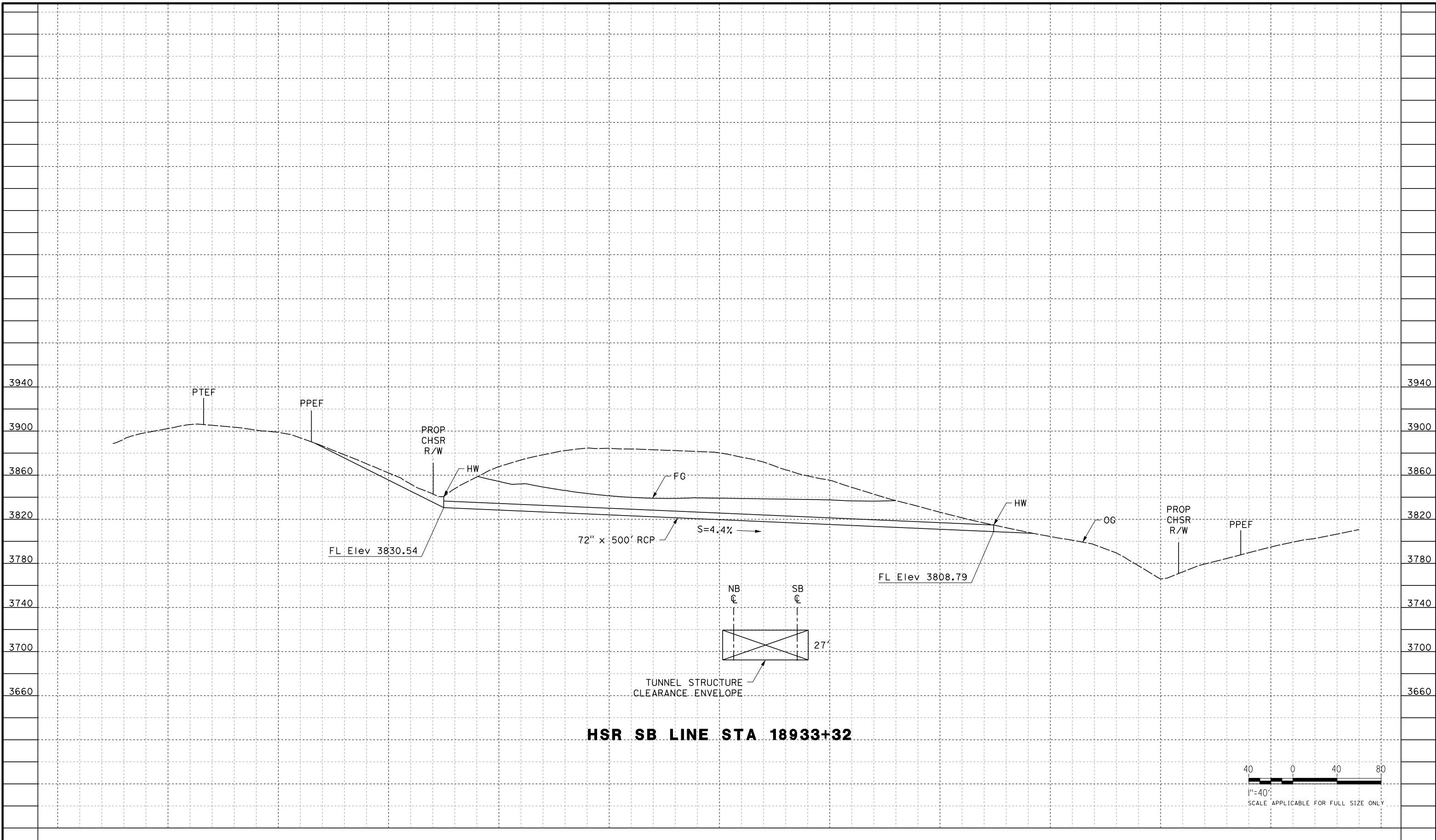


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
OFFSITE CULVERT PROFILE
STA 18925+73

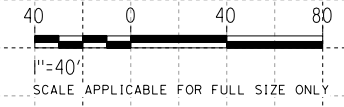
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HSR13-44
DRAWING NO.
CV-G1534
SCALE
AS SHOWN
SHEET NO.
113

Projects\701206.00_CHSRBP\00_CADD\CCNM_OpHion_D\Sheets\CV\G\BP-CV-G1535

12/22/2020 1:22:59 AM Glenn.Yamanaka@tylin.com



HSR SB LINE STA 18933+32



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**



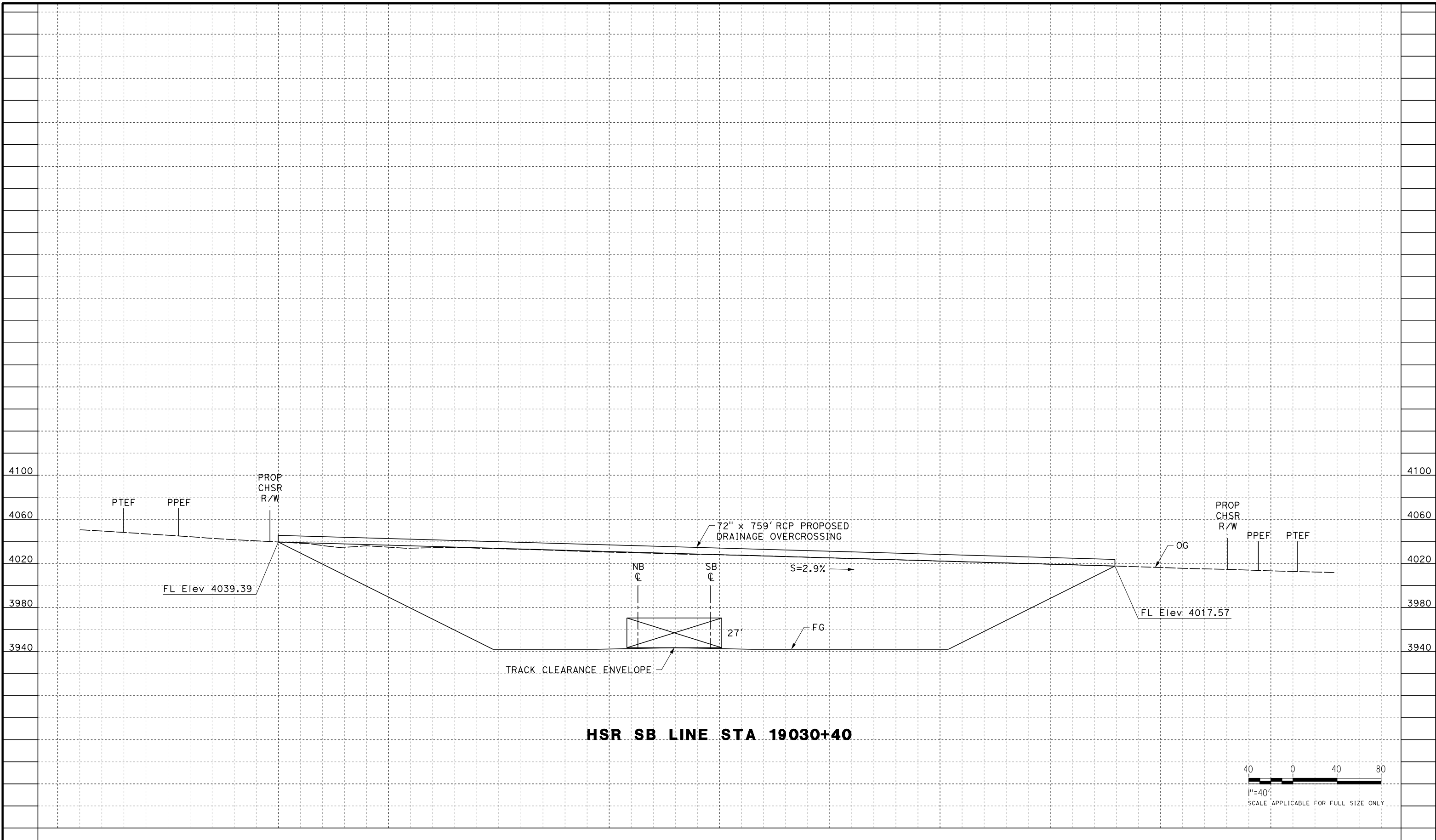
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
OFFSITE CULVERT PROFILE
STA 18933+32

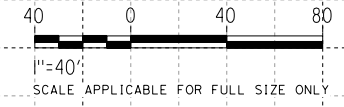
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G1535
SCALE
AS SHOWN
SHEET NO.
114

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\G\BP-CV-G1536

12/22/2020 1:22:20 AM Glenn.Yamanaka@tylin.com



HSR SB LINE STA 19030+40



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**

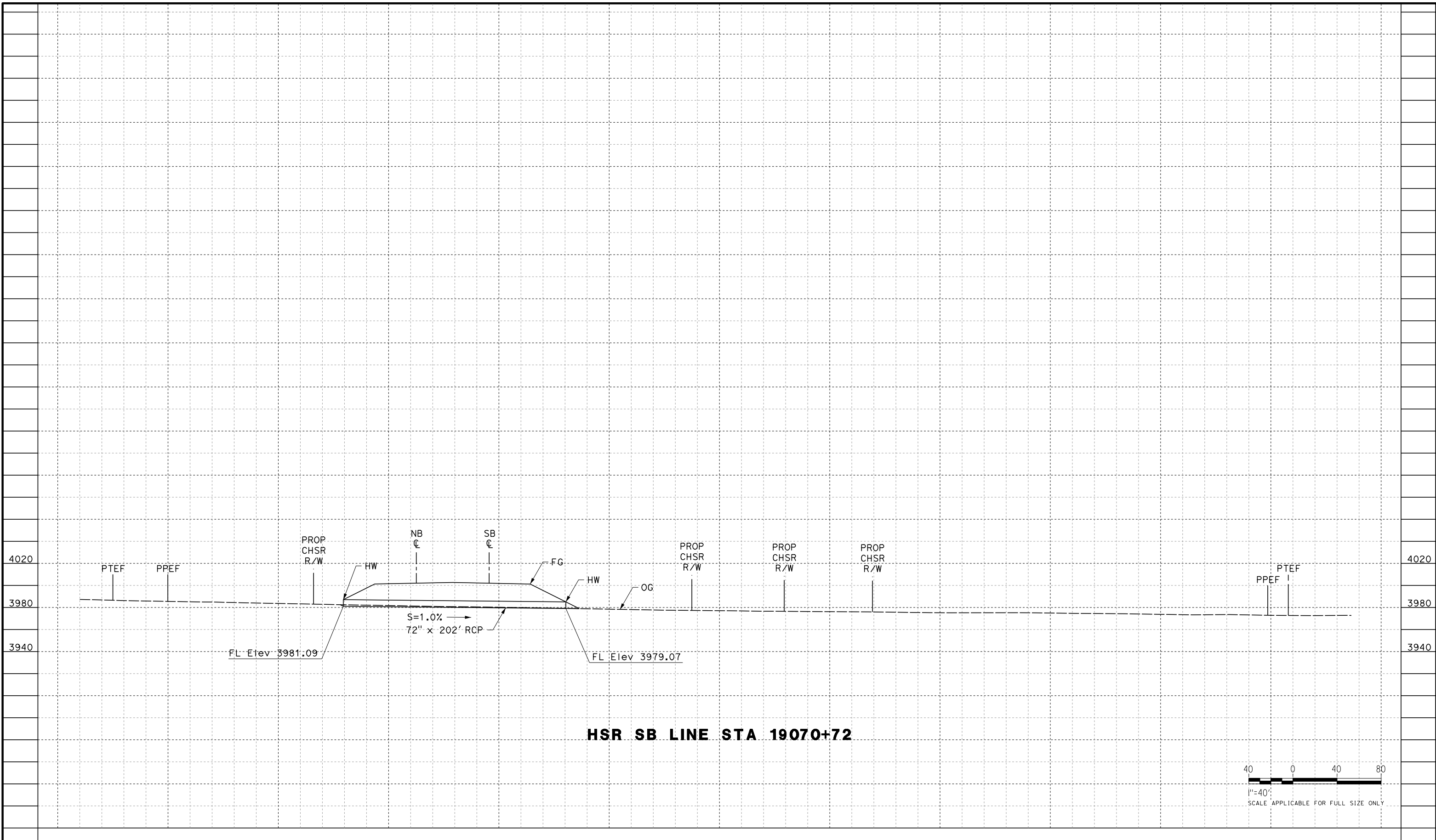


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

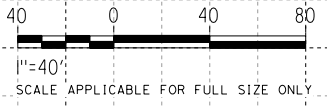
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
OFFSITE CULVERT PROFILE
STA 19030+40

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G1536
SCALE
AS SHOWN
SHEET NO.
115

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\10n D\Sheets\CV\G\BP-CV-G1537
 1:21:57 AM
 12/22/2020



HSR SB LINE STA 19070+72



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
 OFFSITE CULVERT PROFILE
 STA 19070+72

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-G1537
 SCALE
AS SHOWN
 SHEET NO.
116

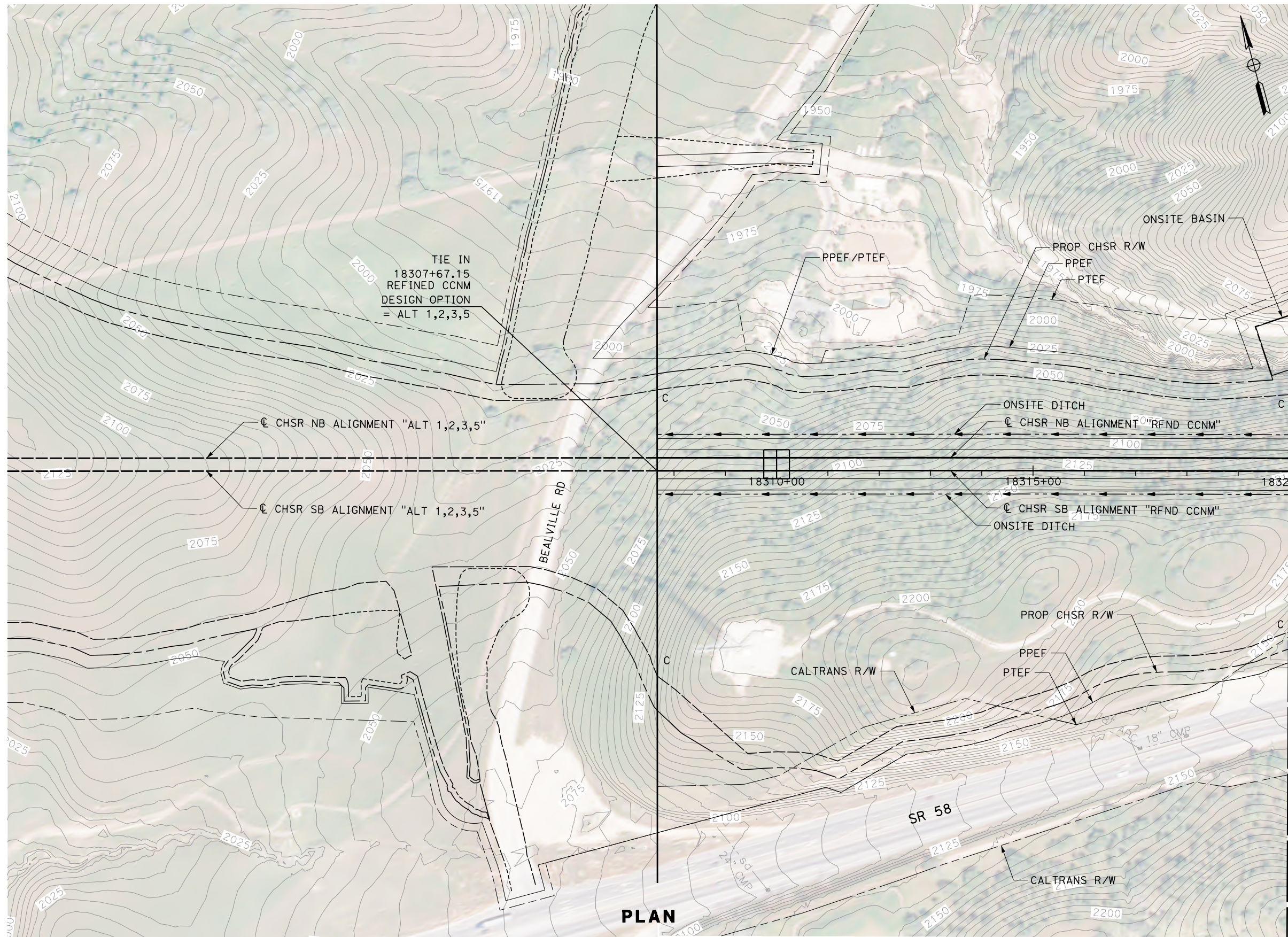
Glenn.Yamanaka@tylin.com

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\G\BP-CV-G4701

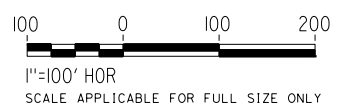
1:17:41 AM

12/22/2020

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**

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CONSTRUCTION**



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

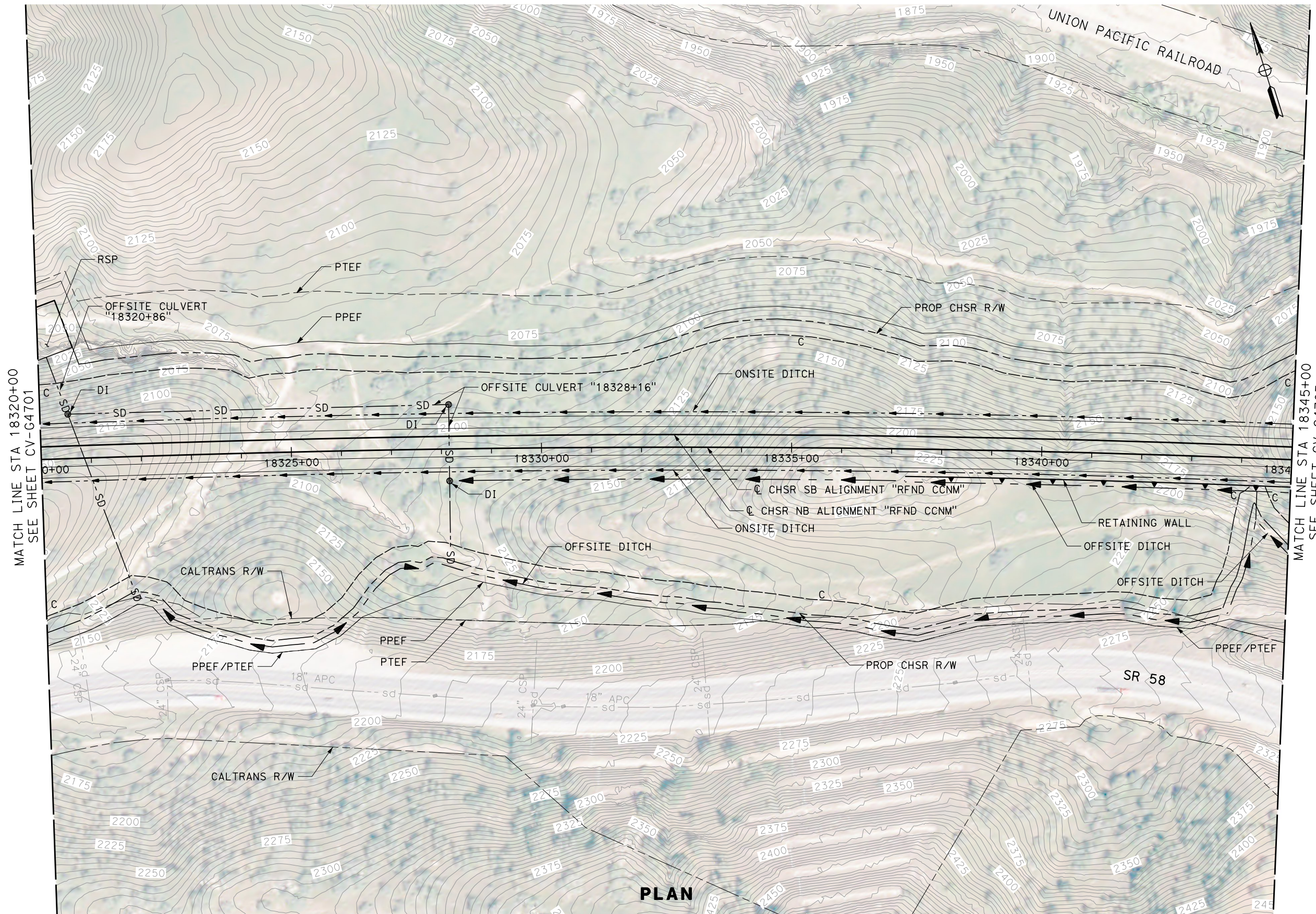
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4701
SCALE
AS SHOWN
SHEET NO.
117

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\CV\G\BP-CV-G4702

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12/22/2020

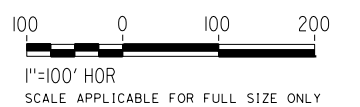
Glenn.Yamanaka@tylin.com



MATCH LINE STA 18320+00
SEE SHEET CV-G4701

MATCH LINE STA 18345+00
SEE SHEET CV-G4703

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**

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

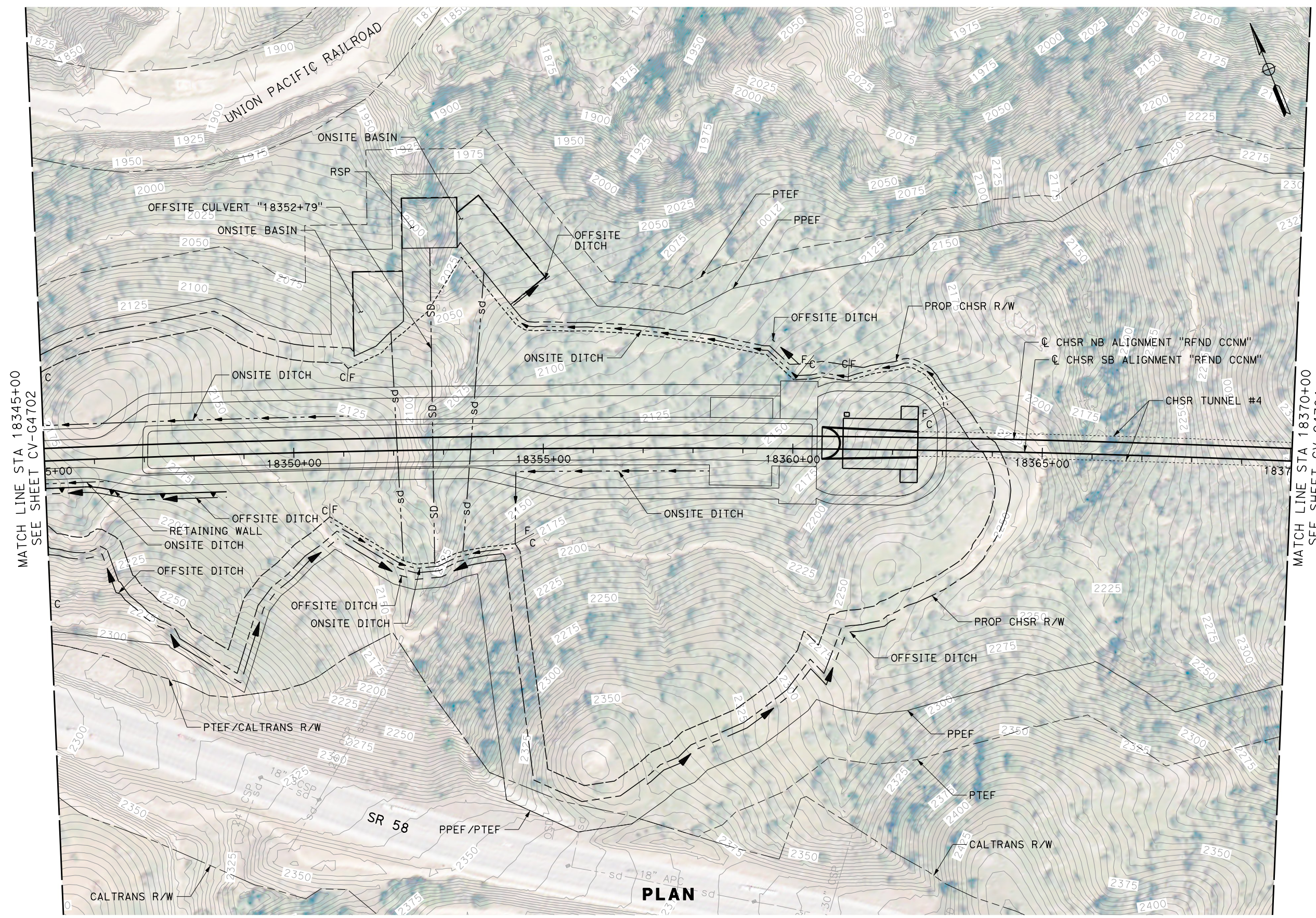
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4702
SCALE
AS SHOWN
SHEET NO.
118

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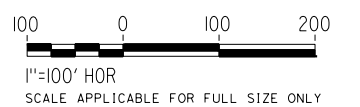
12/22/2020

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

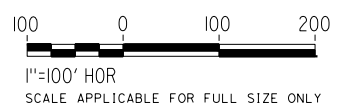
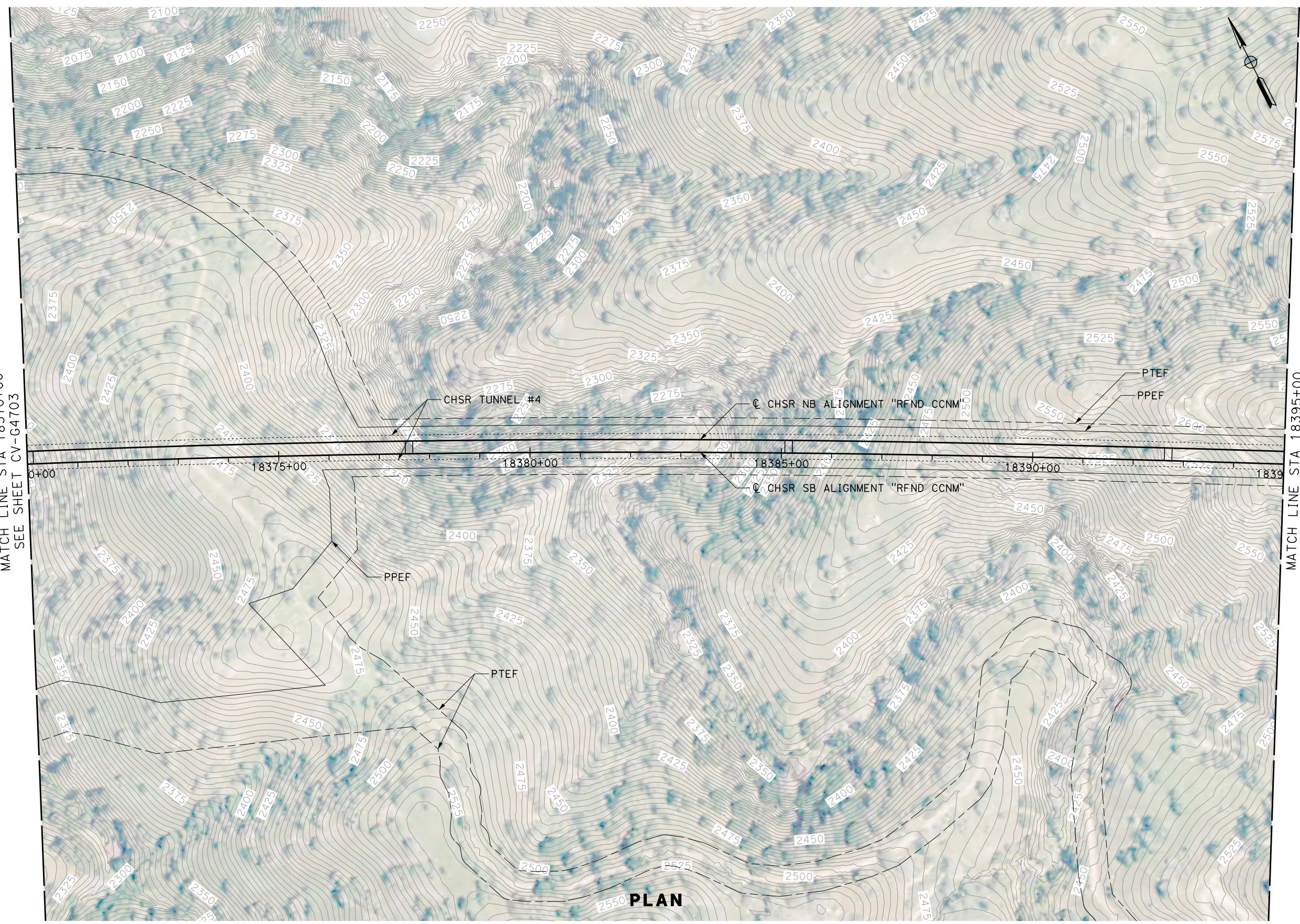
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4703
SCALE
AS SHOWN
SHEET NO.
119

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**

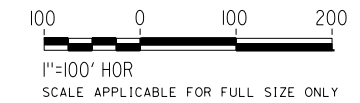
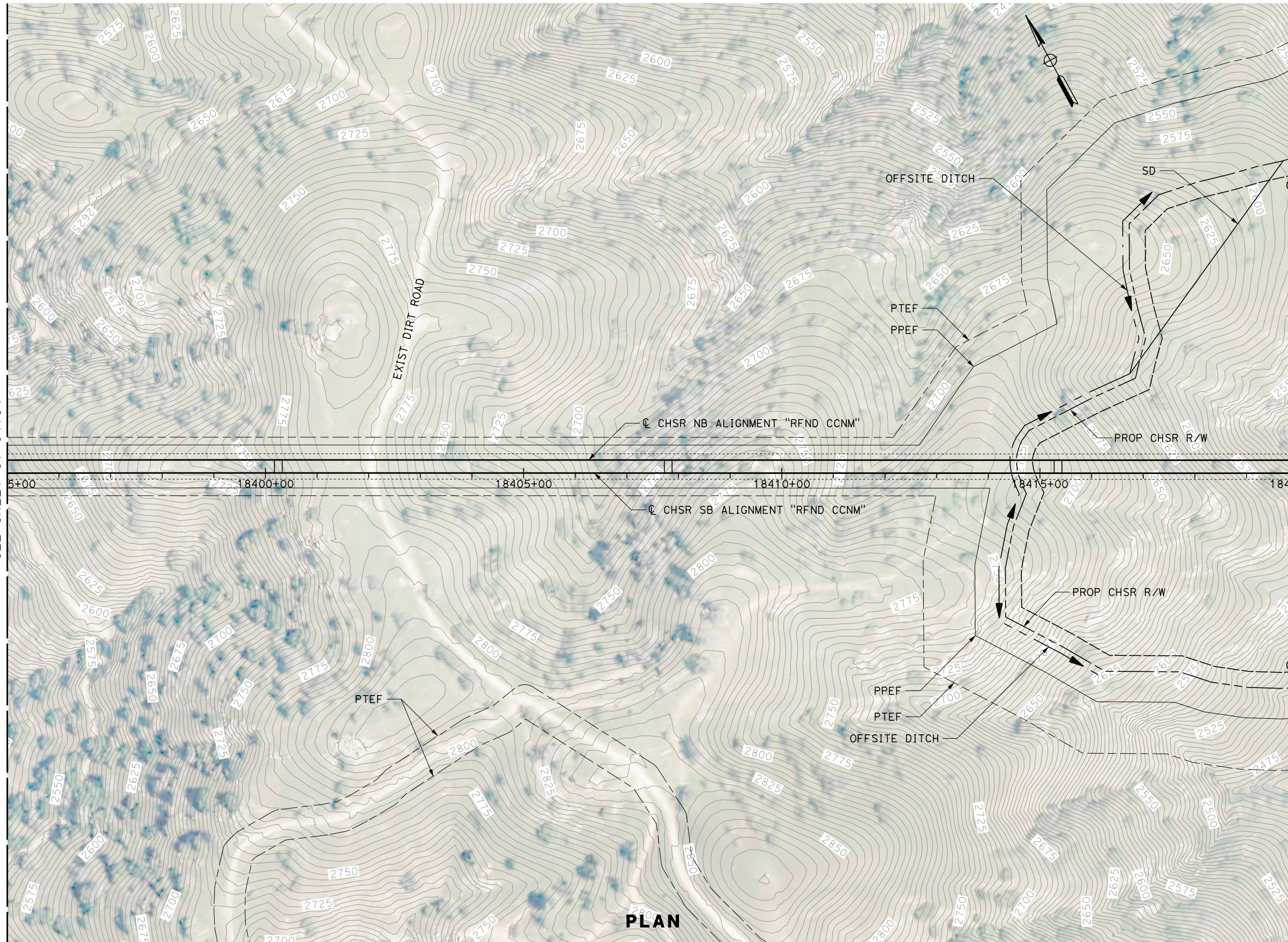


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18370+00 TO 18395+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4704
SCALE
AS SHOWN
SHEET NO.
120

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**

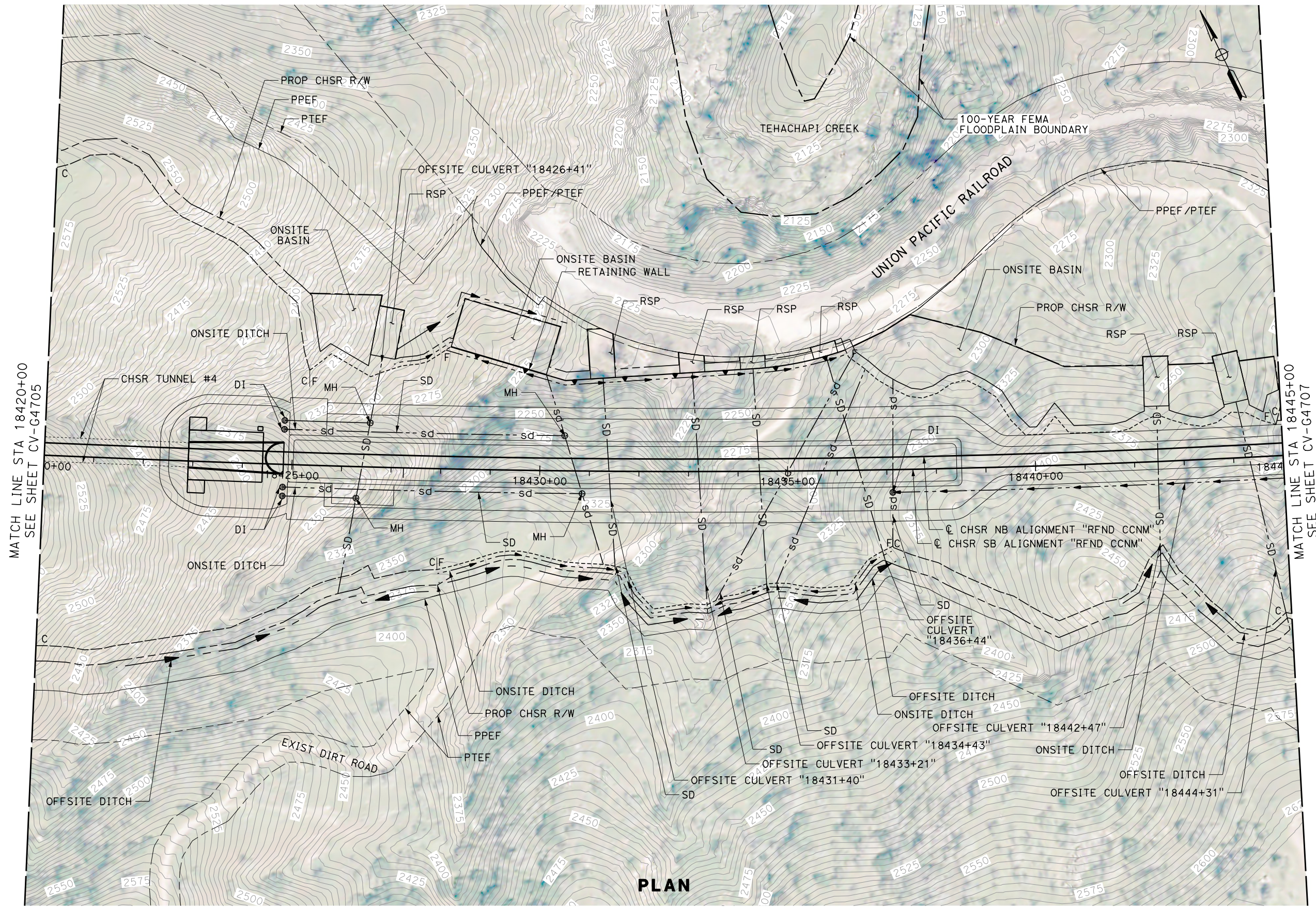
**NOT FOR
CONSTRUCTION**



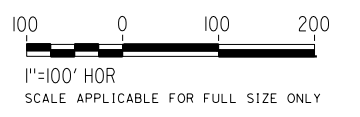
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18395+00 TO 18420+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4705
SCALE
AS SHOWN
SHEET NO.
121

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**

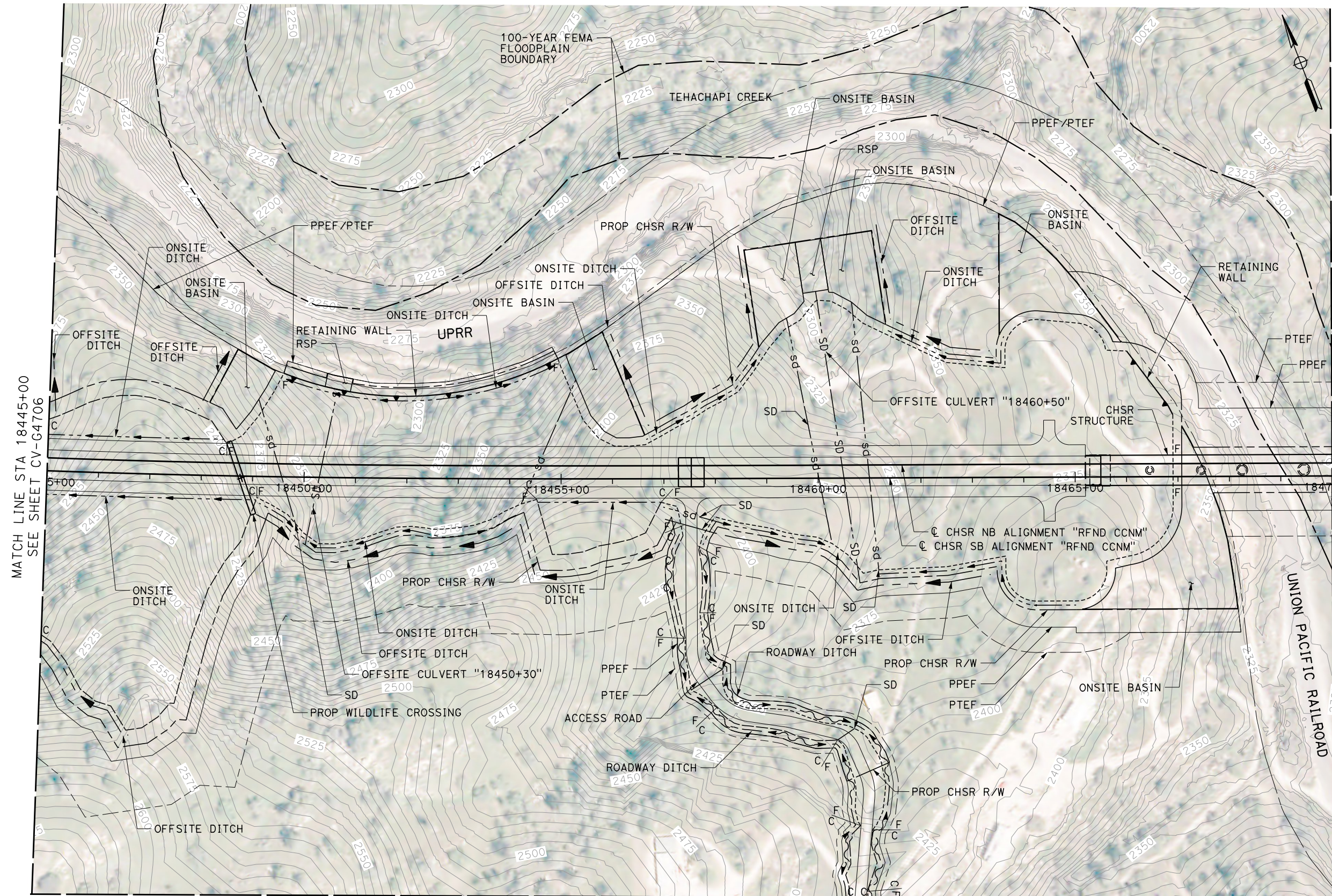
**NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 REFINED CCNM DESIGN OPTION
 GRADING AND DRAINAGE
 PLAN
 STA 18420+00 TO 18445+00

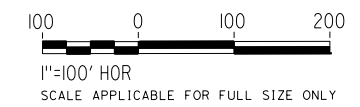
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 DRAWING NO.
CV-G4706
 SCALE
AS SHOWN
 SHEET NO.
122

Projects\701206.00_CHSRBP_V00_CADD\CCNM_Option_D\Sheets\CV\G\BP-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
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CONSTRUCTION

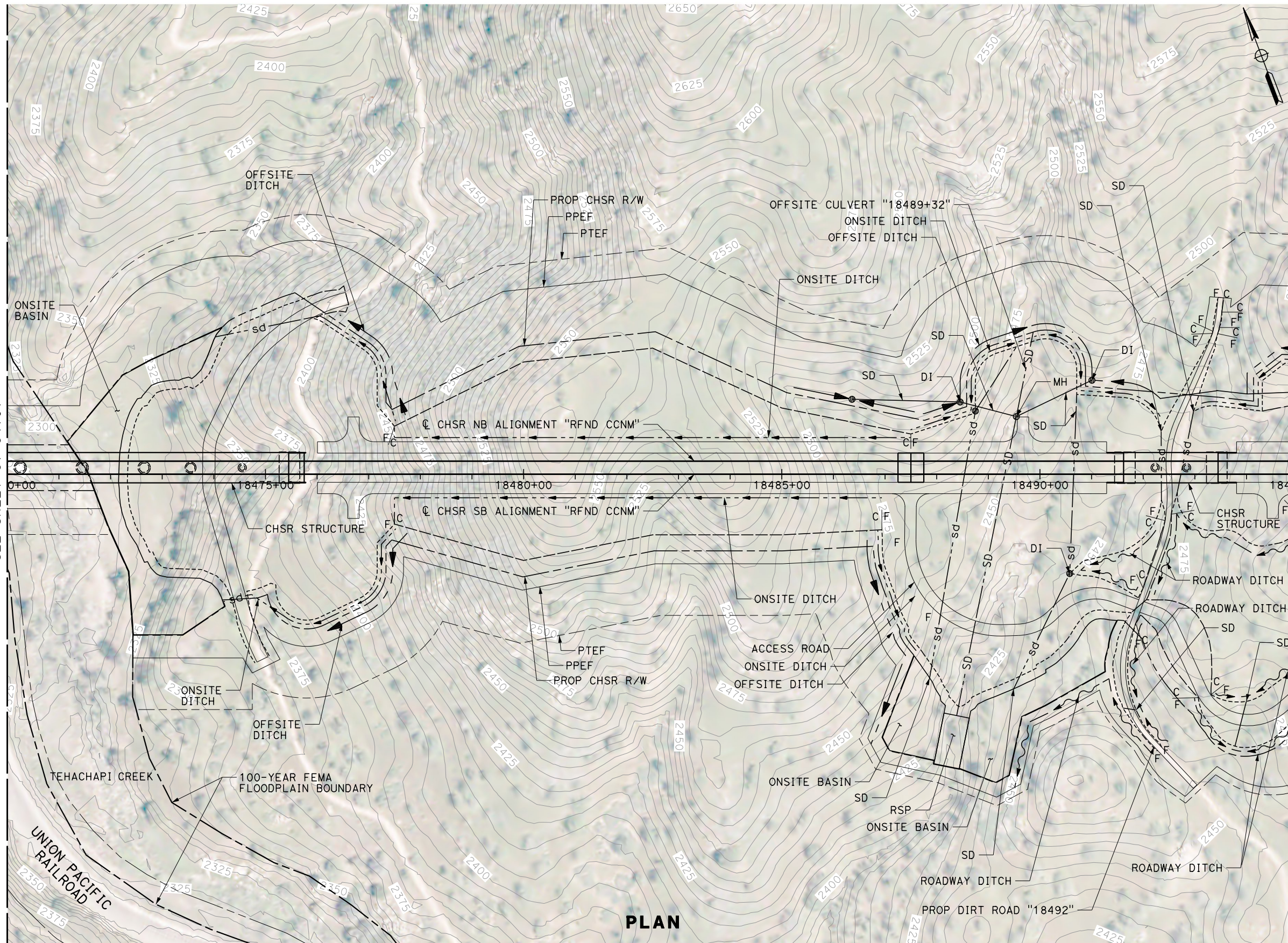


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18445+00 TO 18470+00

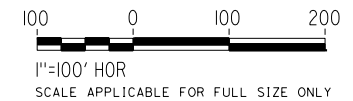
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4707
SCALE
AS SHOWN
SHEET NO.
123

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

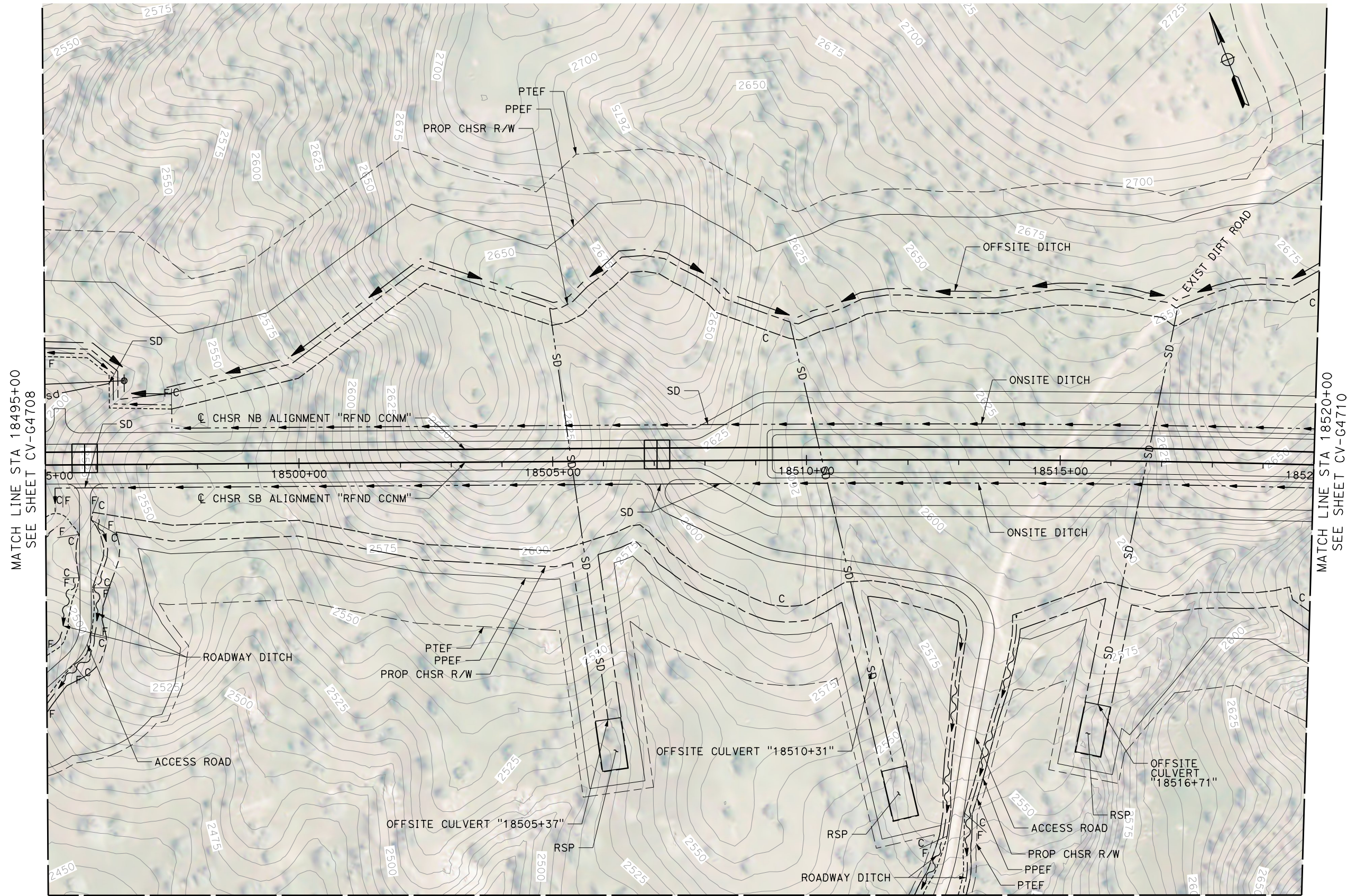
RECORD SET
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CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18470+00 TO 18495+00

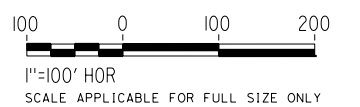
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4708
SCALE
AS SHOWN
SHEET NO.
124



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

**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 18495+00 TO 18520+00

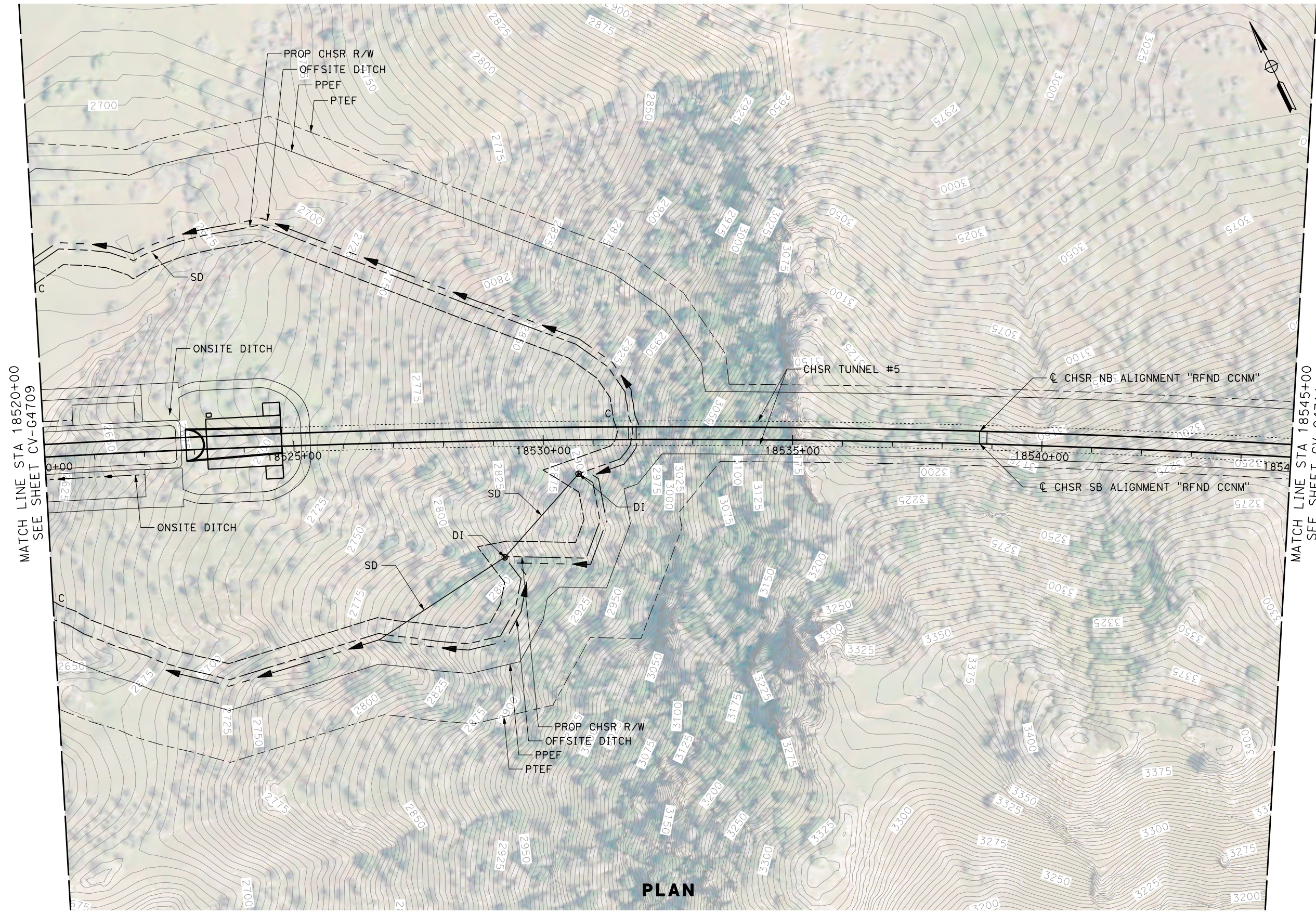
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4709
SCALE
AS SHOWN
SHEET NO.
125

Projects\701206.00_CHSRBP\00_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4710

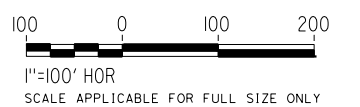
1:17:05 AM

12/22/2020

Glenn.Yamanaka@tylin.com



PLAN



MATCH LINE STA 18520+00
SEE SHEET CV-G4709

MATCH LINE STA 18545+00
SEE SHEET CV-G4711

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

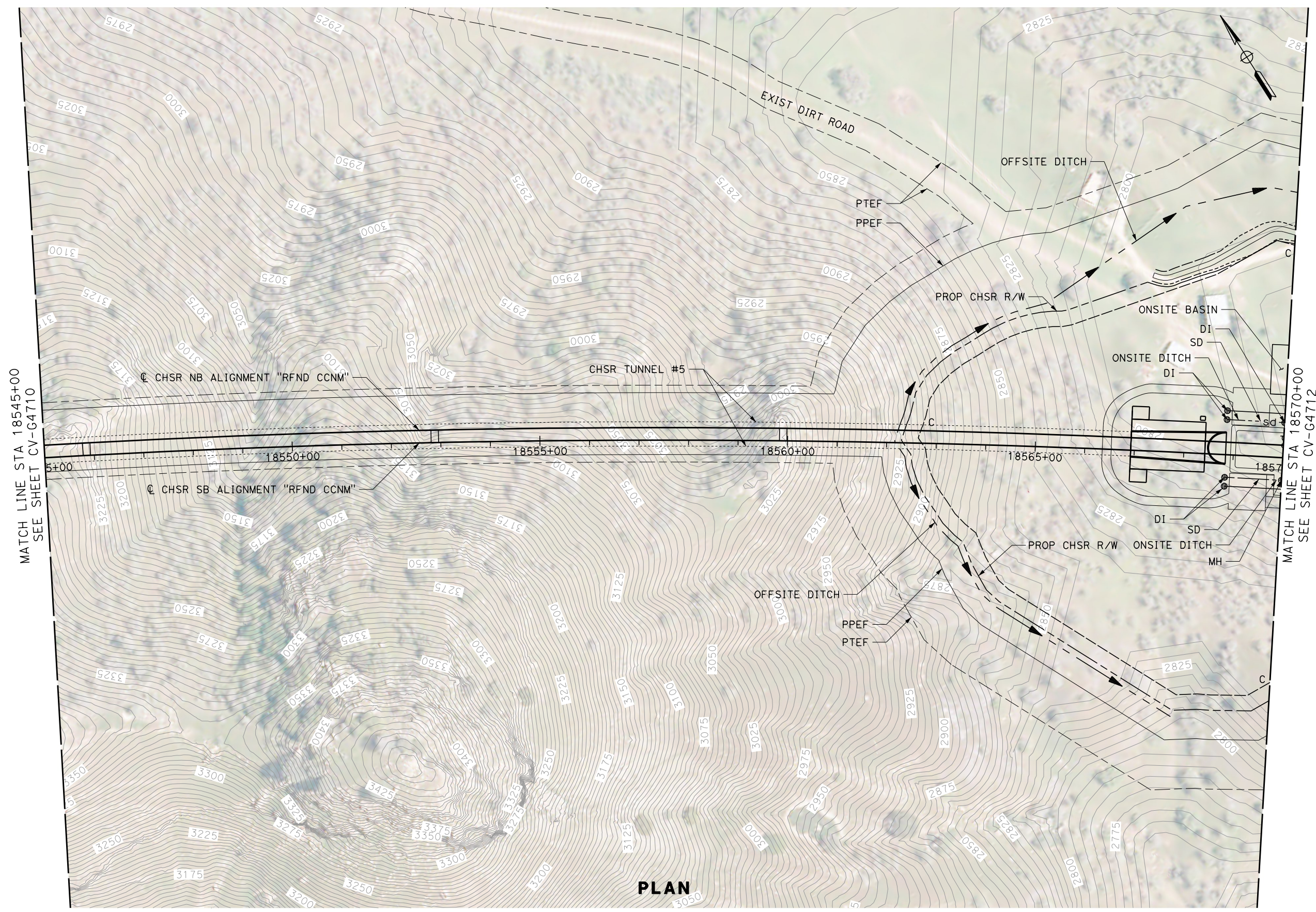
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HSR13-44
DRAWING NO.
CV-G4710
SCALE
AS SHOWN
SHEET NO.
126

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

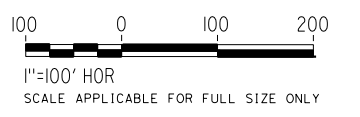
1:18:26 AM

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
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SUBMITTAL**

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CONSTRUCTION**

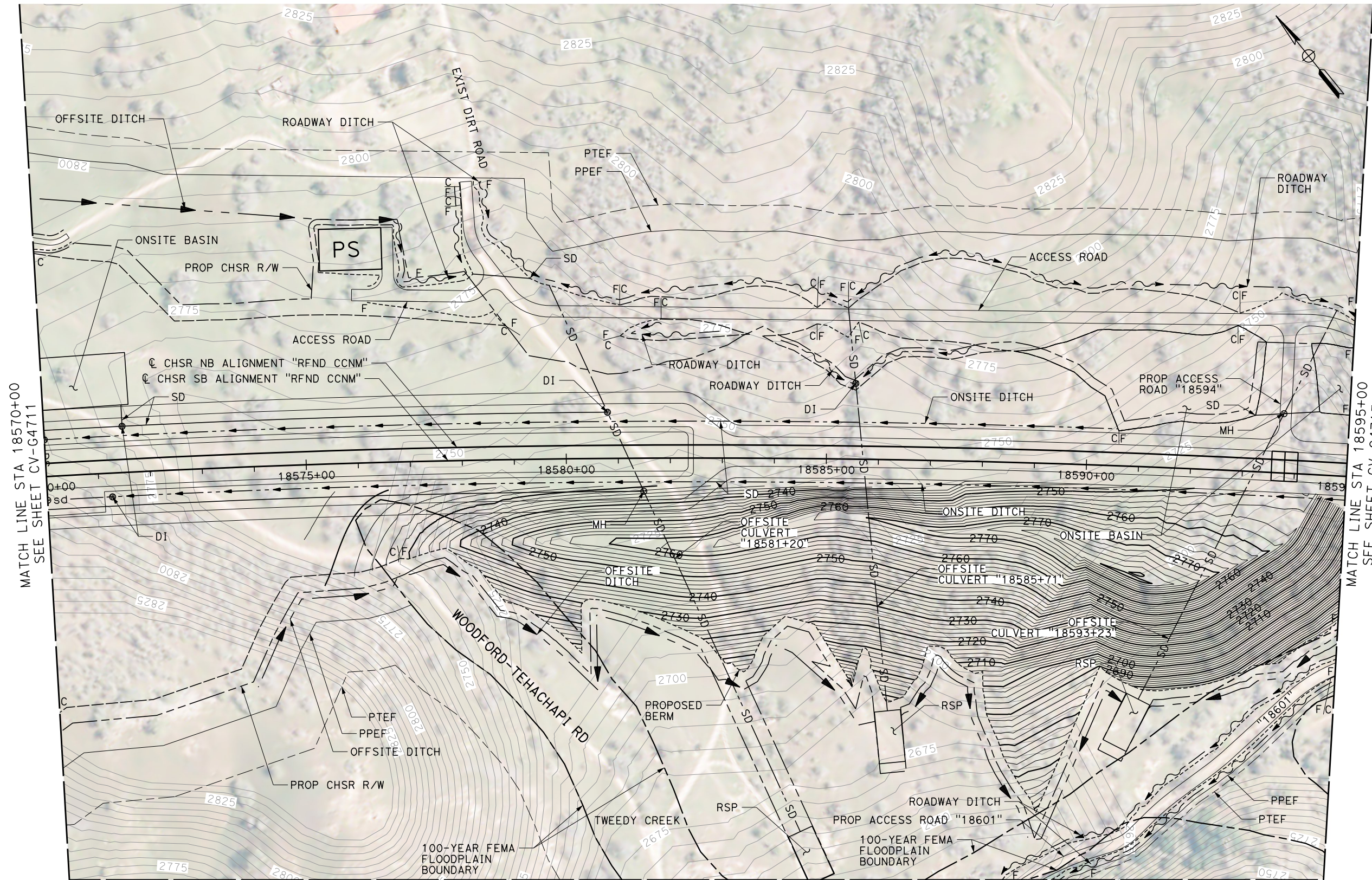


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18545+00 TO 18570+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4711
SCALE
AS SHOWN
SHEET NO.
127

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

Glenn.Yamanaka@tylin.com

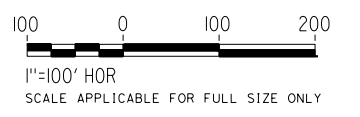


MATCH LINE STA 18570+00
SEE SHEET CV-G4711

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

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

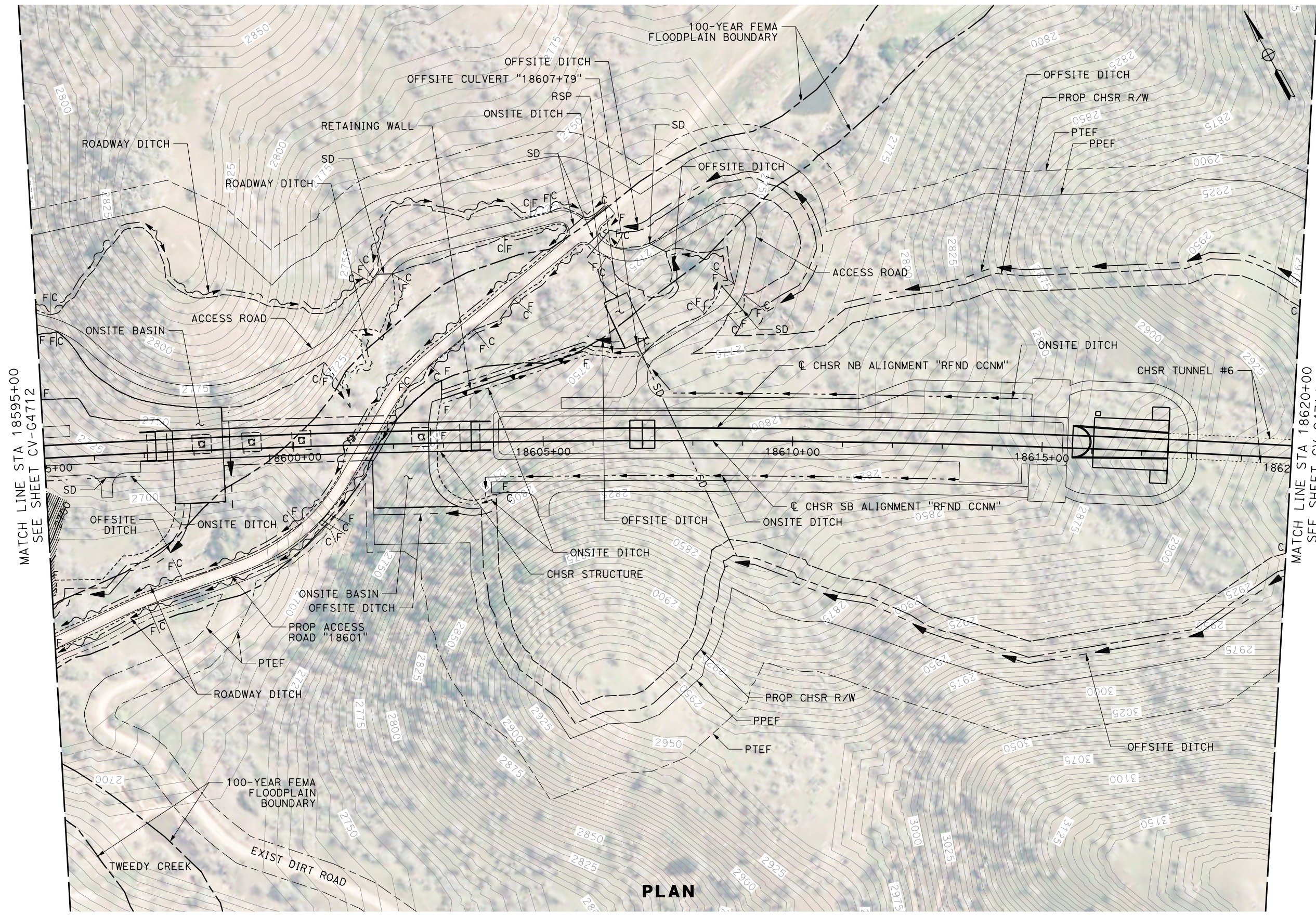
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HSR13-44
DRAWING NO.
CV-G4712
SCALE
AS SHOWN
SHEET NO.
128

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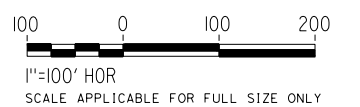
1:18:14 AM

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**

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CONSTRUCTION**

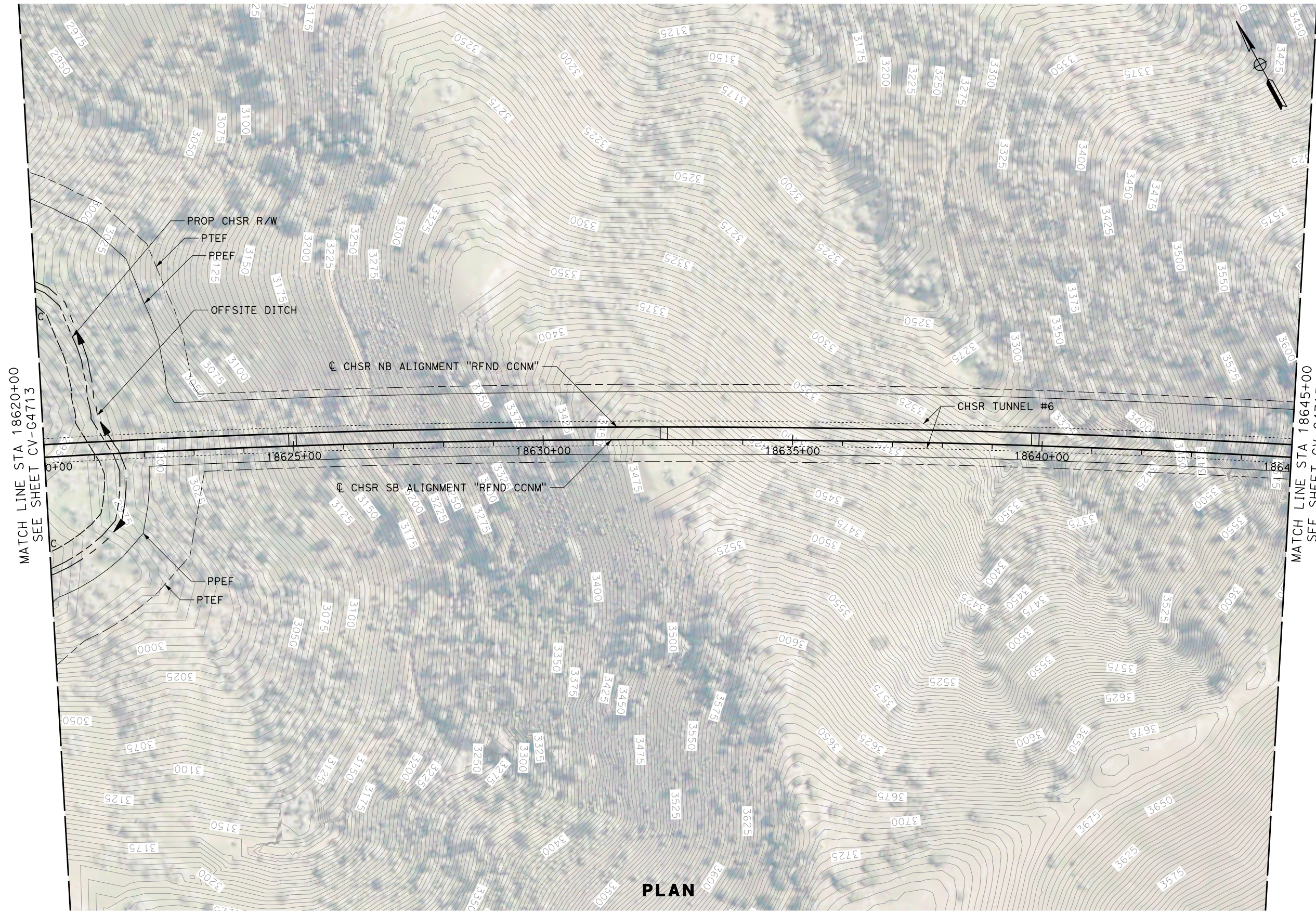


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

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.
129

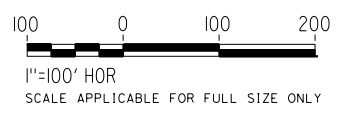
Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\CV\G\BP-CV-G4714 12/22/2020 1:17:41 AM Glenn.Yamanaka@tylin.com



MATCH LINE STA 18620+00
SEE SHEET CV-G4713

MATCH LINE STA 18645+00
SEE SHEET CV-G4715

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

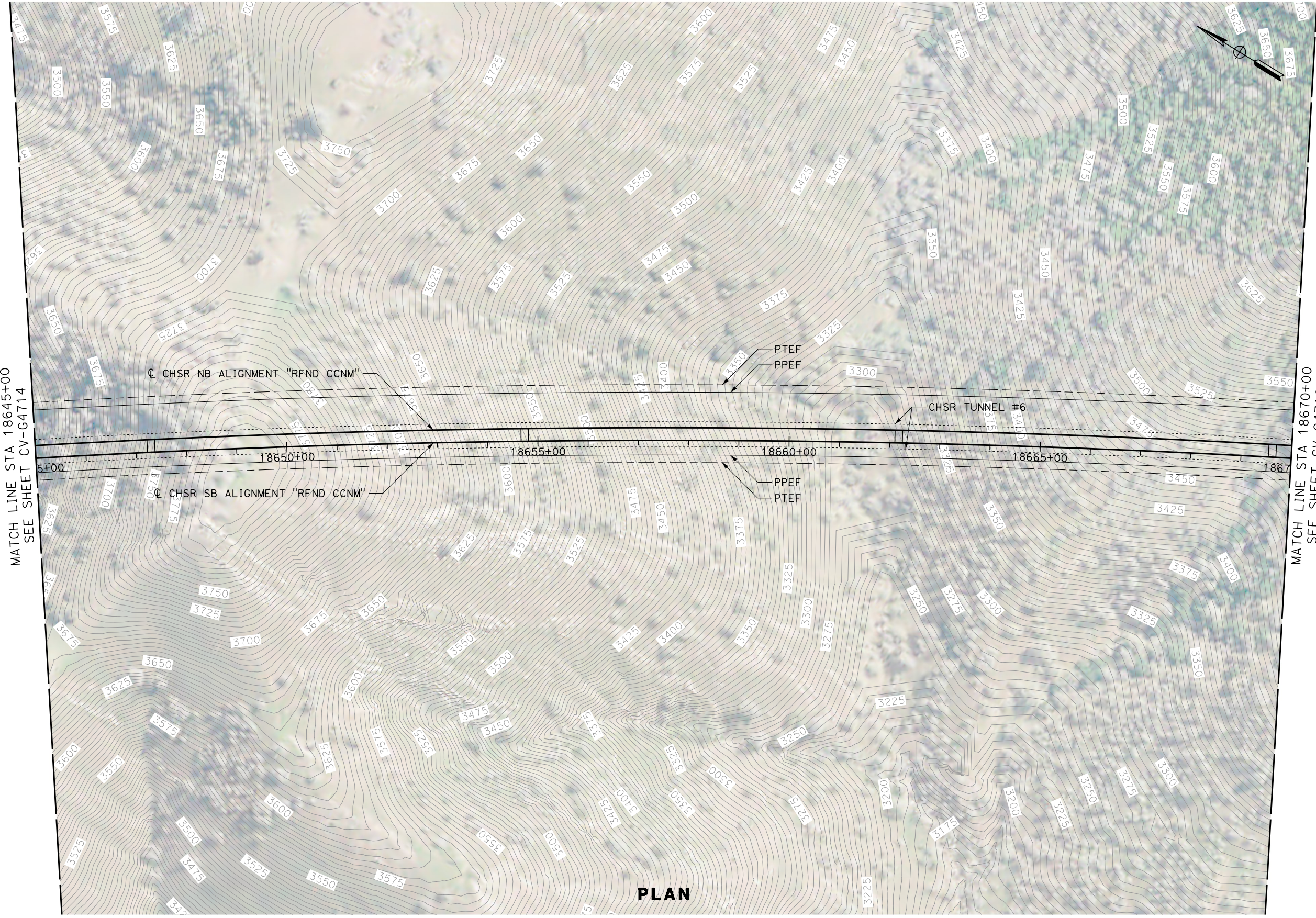


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18620+00 TO 18645+00

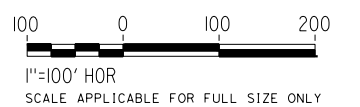
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4714
SCALE
AS SHOWN
SHEET NO.
130

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
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CONSTRUCTION**

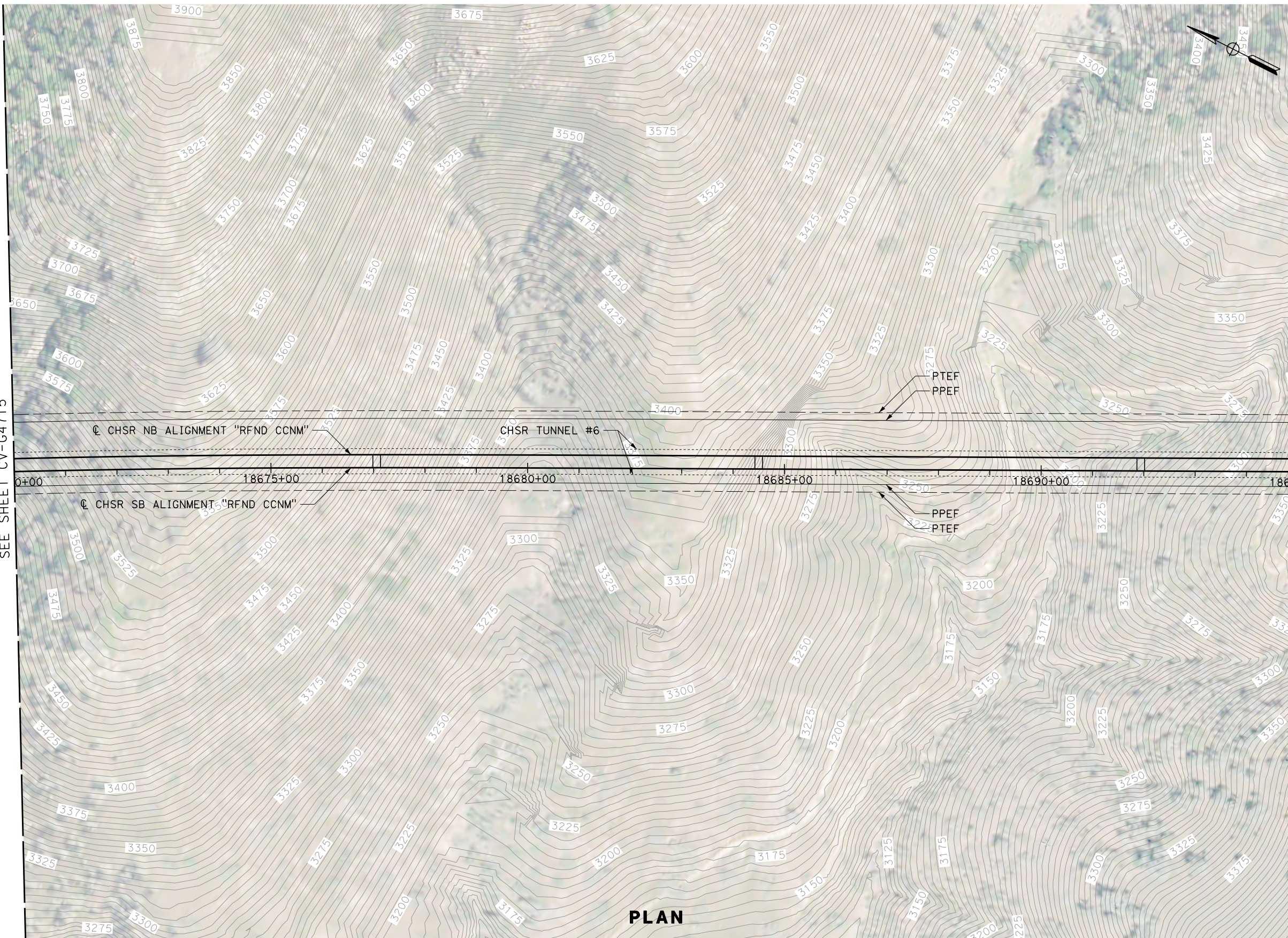


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18645+00 TO 18670+00

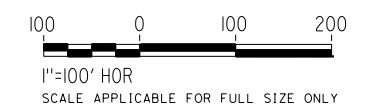
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4715
SCALE
AS SHOWN
SHEET NO.
131

MATCH LINE STA 18670+00
SEE SHEET CV-G4715

MATCH LINE STA 18695+00
SEE SHEET CV-G4717



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

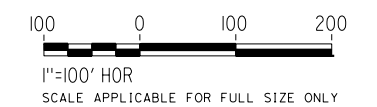
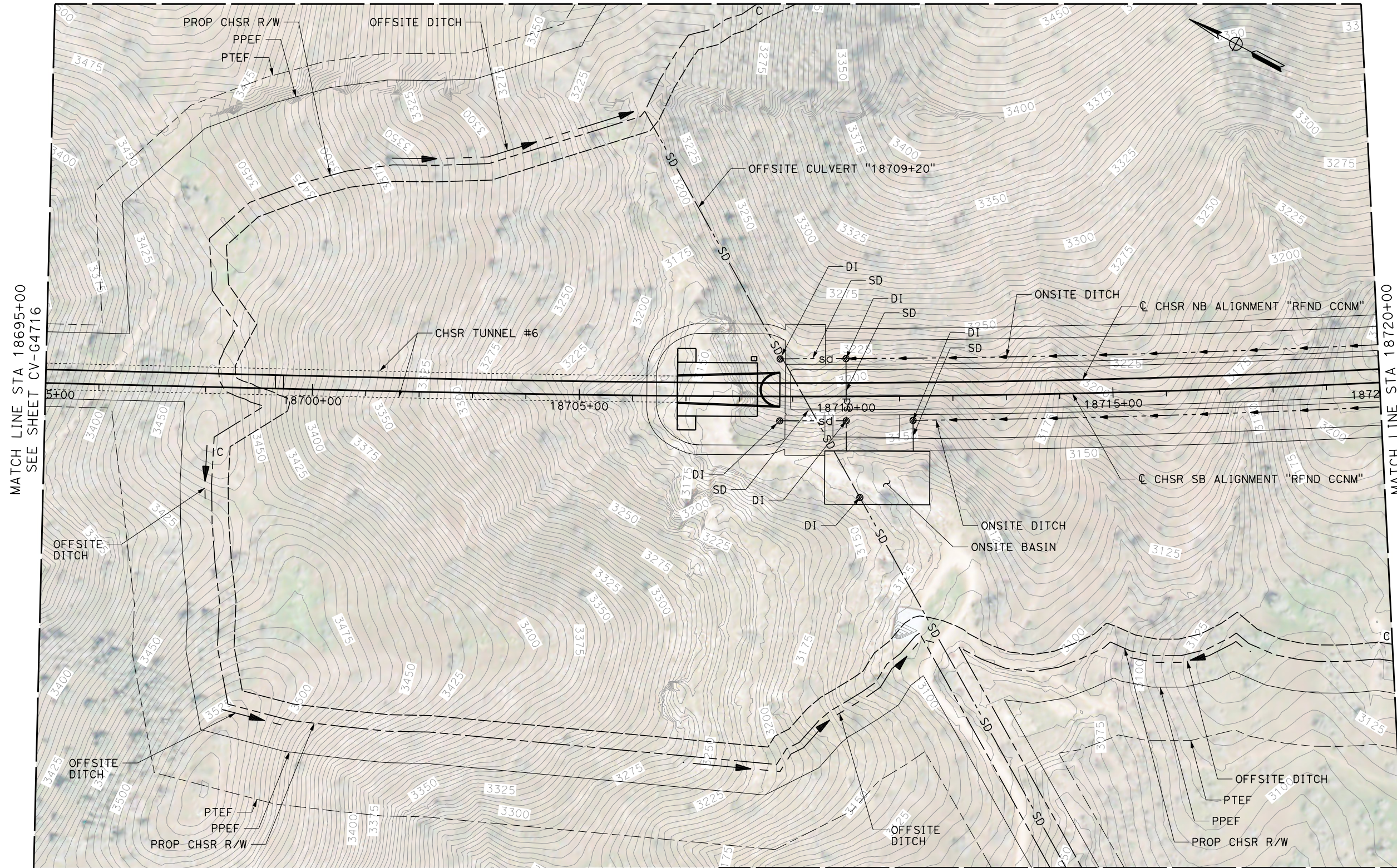
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18670+00 TO 18695+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4716
SCALE
AS SHOWN
SHEET NO.
132

MATCH LINE
SEE SHEET CV-G4740



MATCH LINE
SEE SHEET CV-G4741

PLAN

12/22/2020 1:19:09 AM Projects\701206.00_CHSRBP\00_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4717

Glenn.Yamanaka@tylin.com

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**

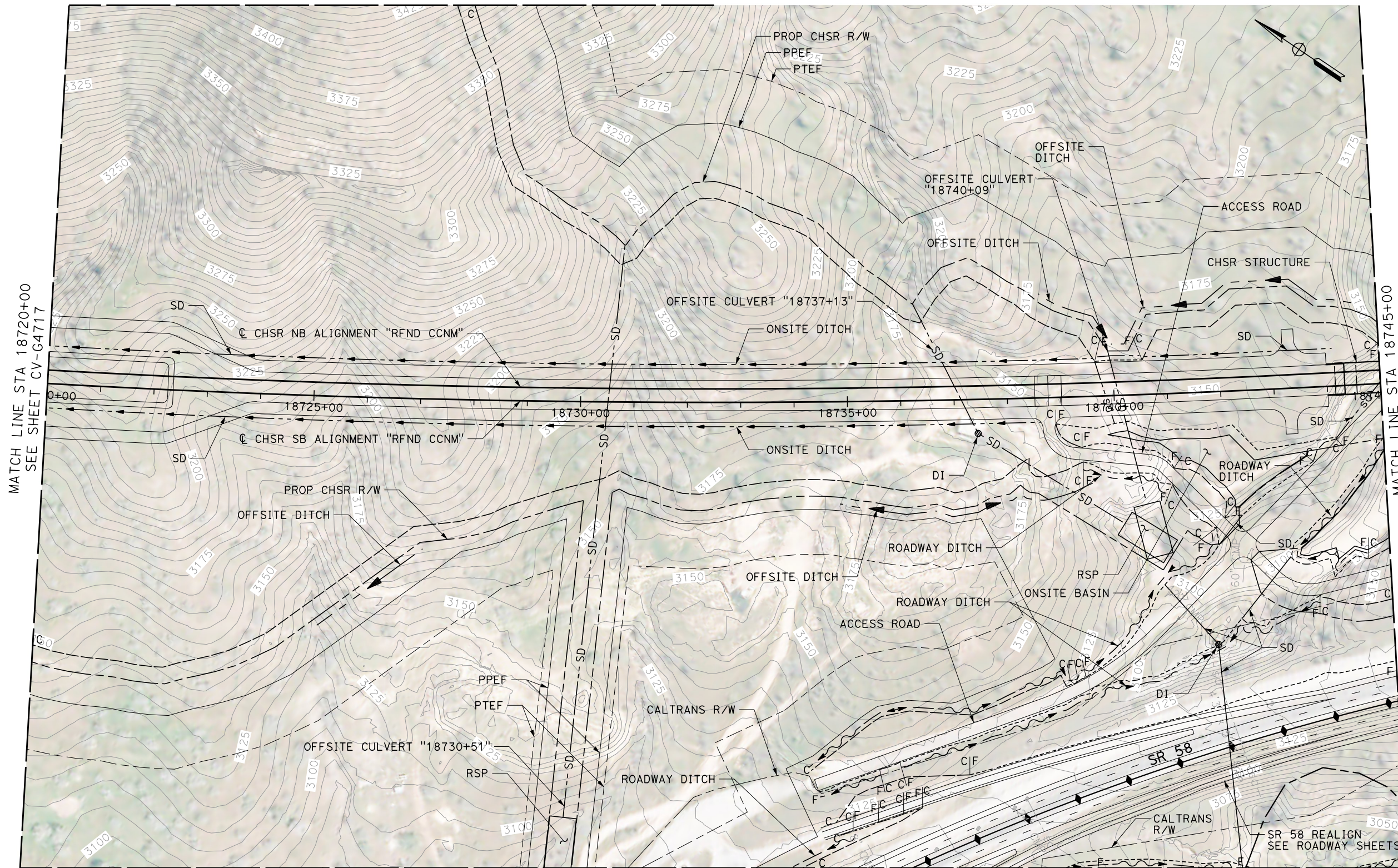
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18695+00 TO 18720+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4717
SCALE
AS SHOWN
SHEET NO.
133

MATCH LINE
SEE SHEET CV-G4740

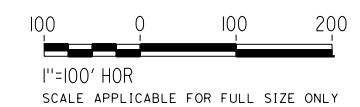


MATCH LINE STA 18720+00
SEE SHEET CV-G4717

MATCH LINE STA 18745+00
SEE SHEET CV-G4719

MATCH LINE
SEE SHEET CV-G4741

MATCH LINE
SEE SHEET CV-G4742



PLAN

Projects\701206.00_CHSRBP\00_CADD\CCNM Op\1ion D\Sheets\CV\G\BP-CV-G4718

1:17:35 AM

12/22/2020

Glenn.Yamanaka@tylin.com

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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**NOT FOR
CONSTRUCTION**



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

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18720+00 TO 18745+00

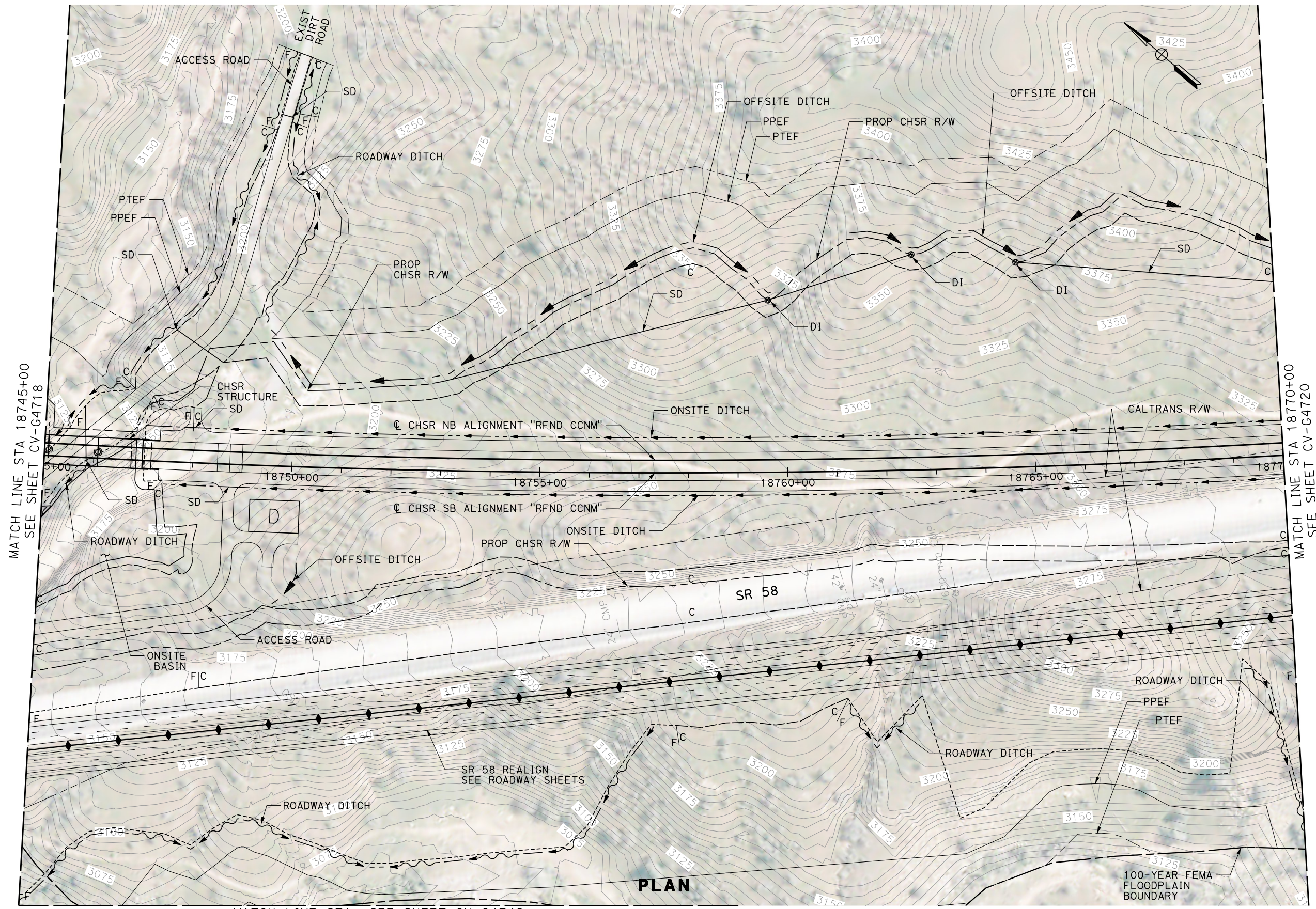
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4718
SCALE
AS SHOWN
SHEET NO.
134

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\G\BP-CV-G4719

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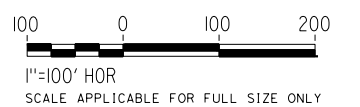
12/22/2020

Glenn.Yamanaka@tylin.com



MATCH LINE STA 18745+00
SEE SHEET CV-G4718

MATCH LINE STA 18770+00
SEE SHEET CV-G4720



MATCH LINE STA SEE SHEET CV-G4742

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 18745+00 TO 18770+00

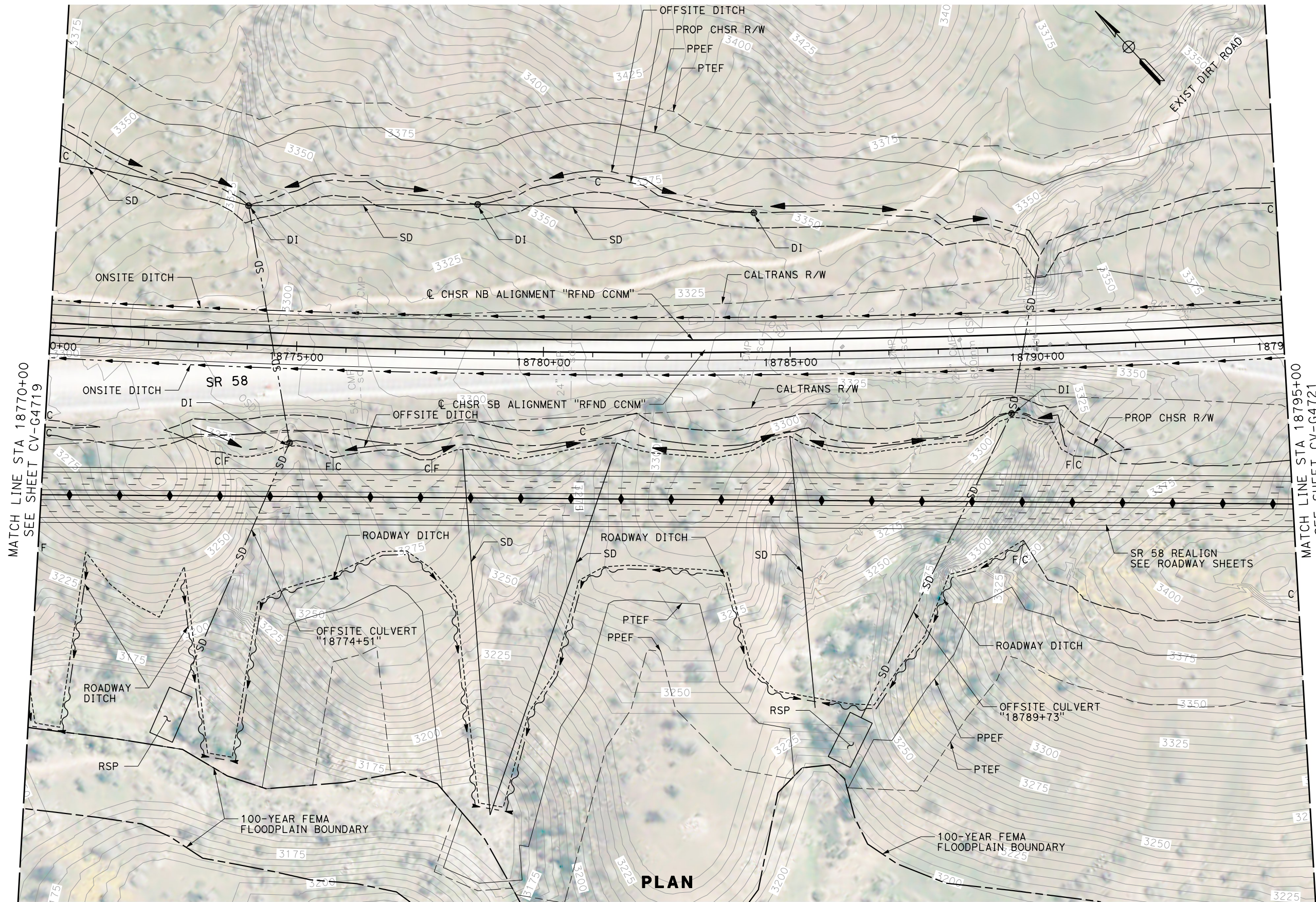
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4719
SCALE
AS SHOWN
SHEET NO.
135

Projects\701206.00_CHSRBP\00_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4720

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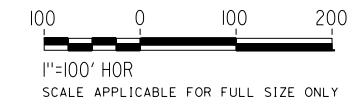
12/22/2020

Glenn.Yamanaka@tylin.com



MATCH LINE STA 18770+00
SEE SHEET CV-G4719

MATCH LINE STA 18795+00
SEE SHEET CV-G4721



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 18770+00 TO 18795+00

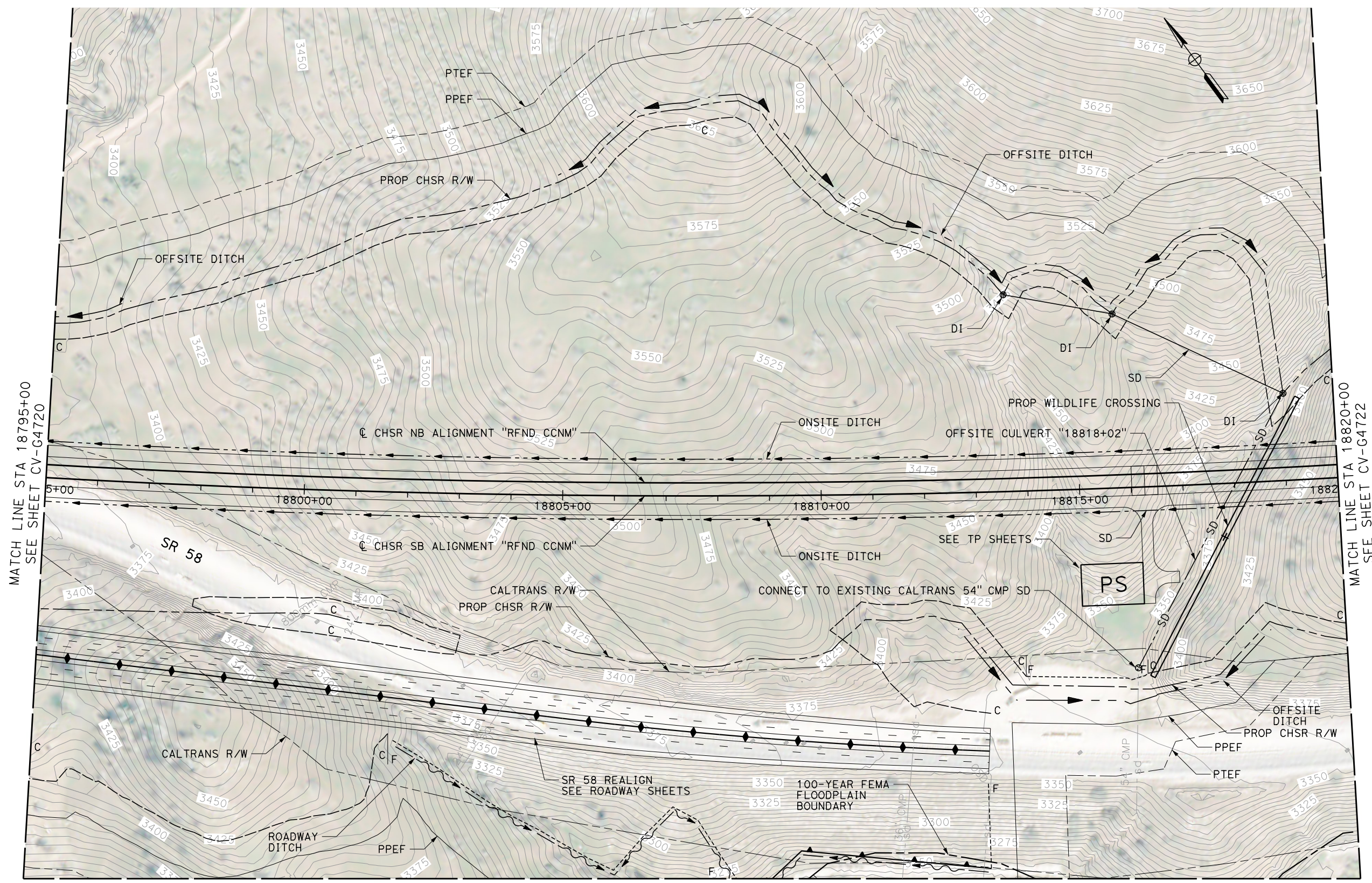
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HSR13-44
DRAWING NO.
CV-G4720
SCALE
AS SHOWN
SHEET NO.
136

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\CV\G\BP-CV-G4721

1:19:28 AM

12/22/2020

Glenn.Yamanaka@tylin.com

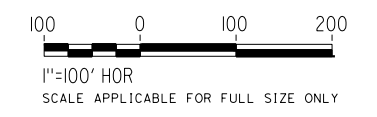


MATCH LINE STA 18795+00
SEE SHEET CV-G4720

MATCH LINE STA 18820+00
SEE SHEET CV-G4722

MATCH LINE
SEE SHEET CV-G4743

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**

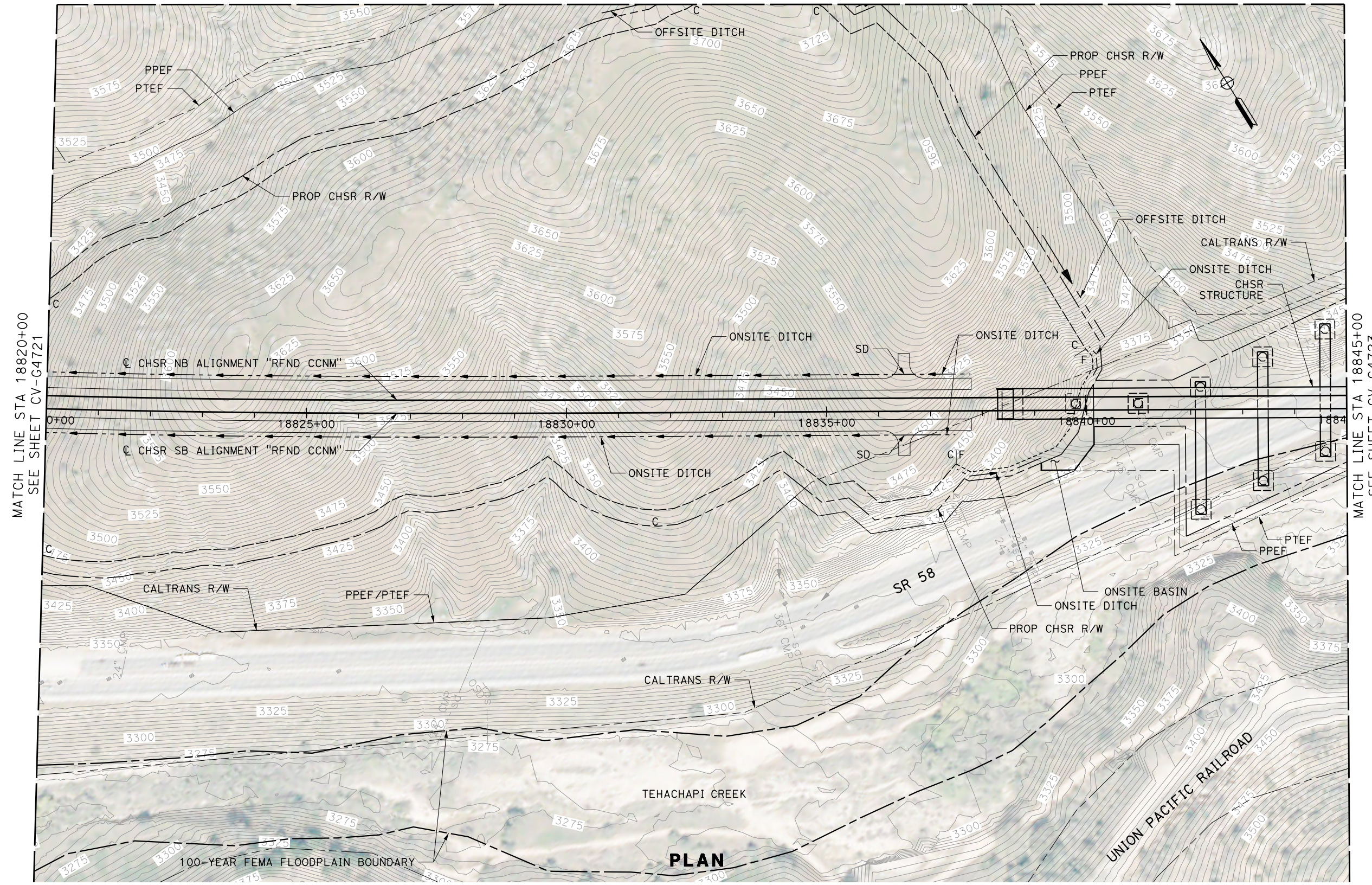


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18795+00 TO 18820+00

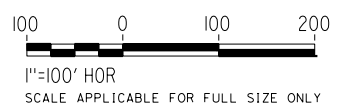
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4721
SCALE
AS SHOWN
SHEET NO.
137

MATCH LINE
SEE SHEET CV-G4744



MATCH LINE STA 18820+00
SEE SHEET CV-G4721

MATCH LINE STA 18845+00
SEE SHEET CV-G4723



PLAN

Projects\701206.00_CHSRBP\00_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4722 12/22/2020 1:18:31 AM Glenn.Yamanaka@tylin.com

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 18820+00 TO 18845+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4722
SCALE
AS SHOWN
SHEET NO.
138

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\CV\G\BP-CV-G4723

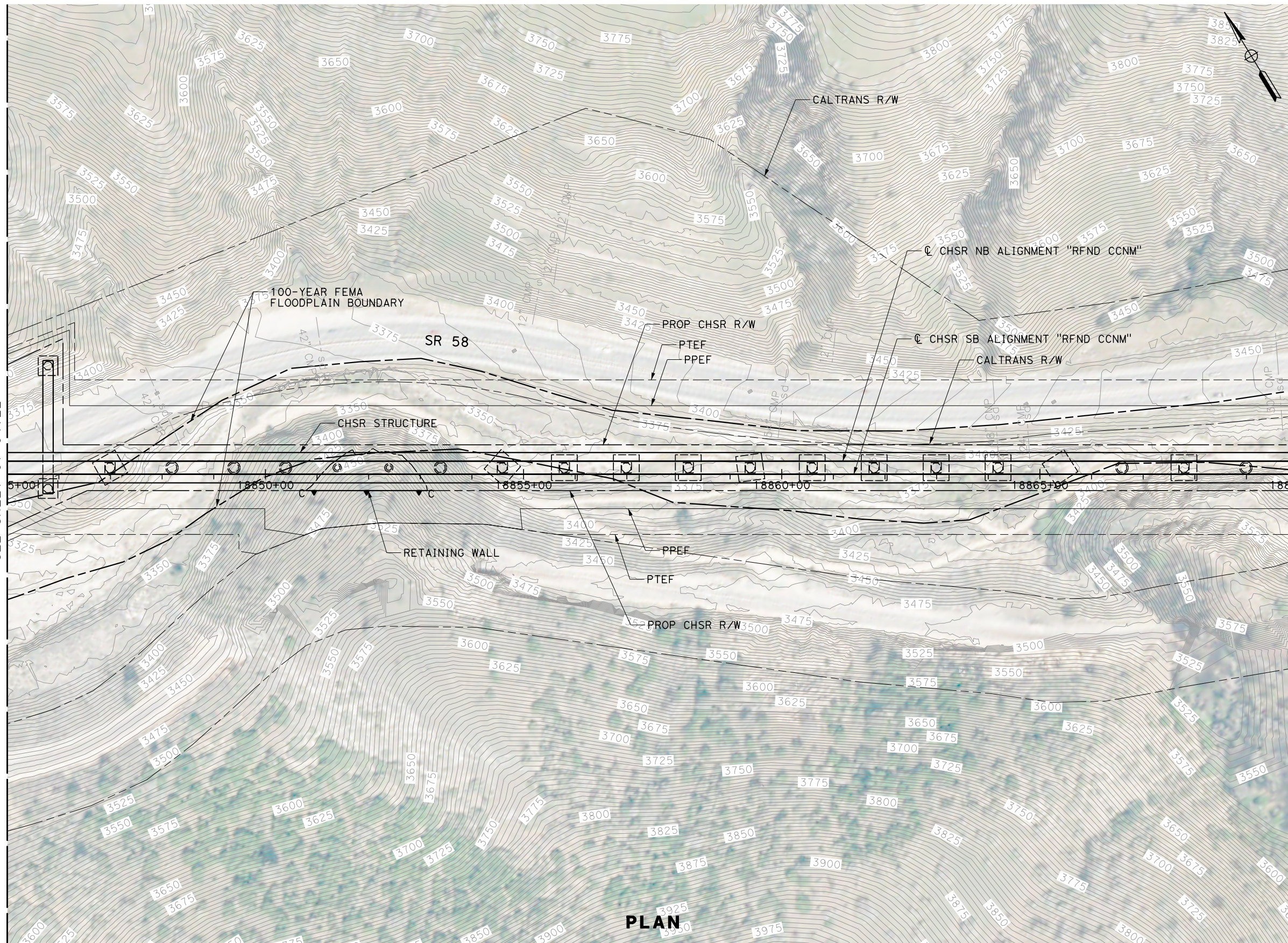
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12/22/2020

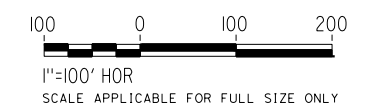
Glenn.Yamanaka@tylin.com

MATCH LINE STA 18845+00
SEE SHEET CV-G4722

MATCH LINE STA 18870+00
SEE SHEET CV-G4724



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**

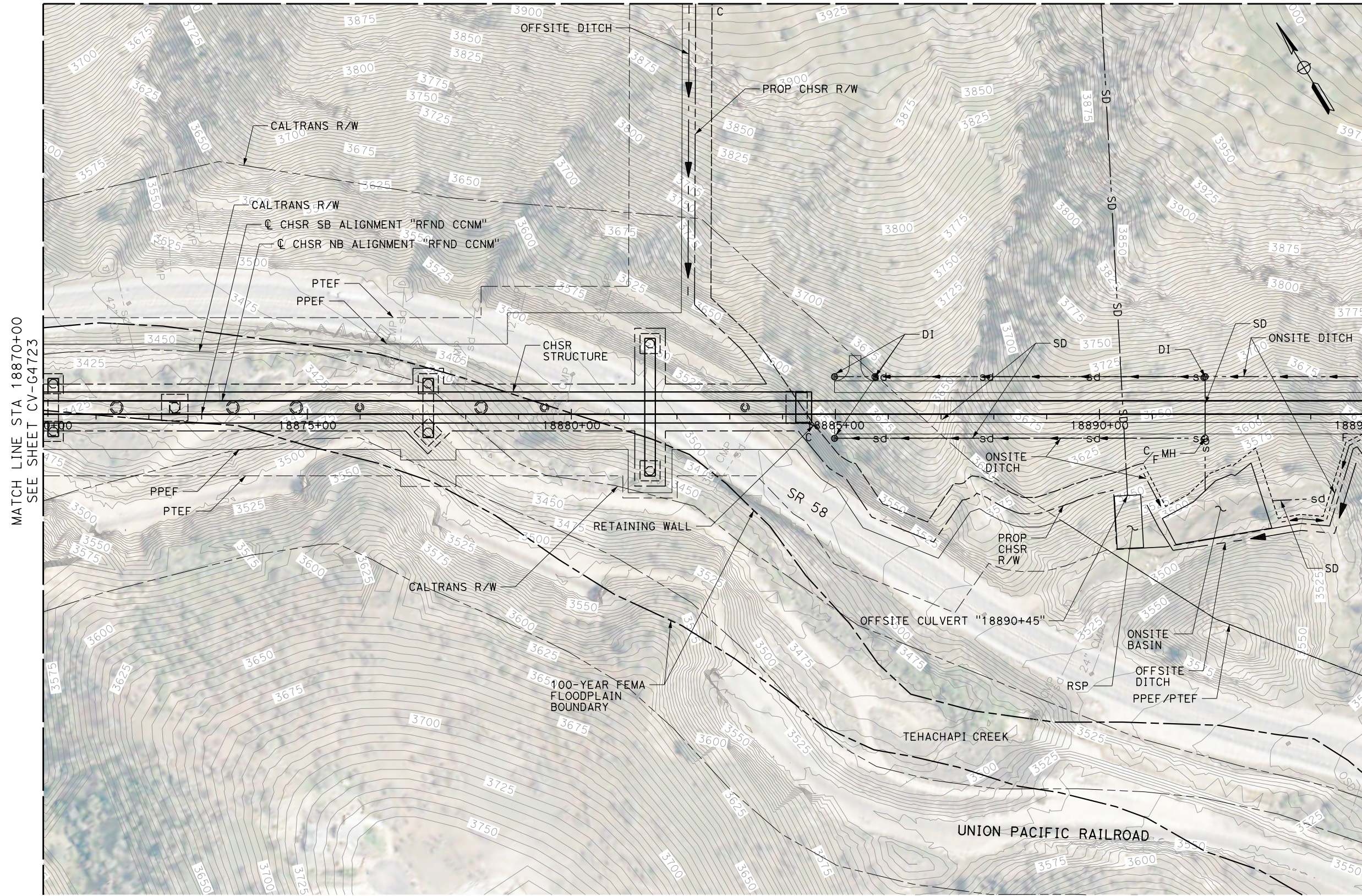
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18845+00 TO 18870+00

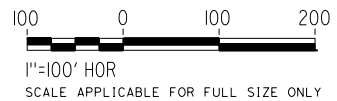
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4723
SCALE
AS SHOWN
SHEET NO.
139

MATCH LINE
SEE SHEET CV-G4745



MATCH LINE STA 18870+00
SEE SHEET CV-G4723

MATCH LINE STA 18895+00
SEE SHEET CV-G4725



PLAN

Projects\701206_00_CHSRBP\00_CADD\CCNM Op\10n D:\Sheets\CV\G\BP-CV-G4724
 1:19:00 AM
 12/22/2020
 Glenn.Yamanaka@tylin.com

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

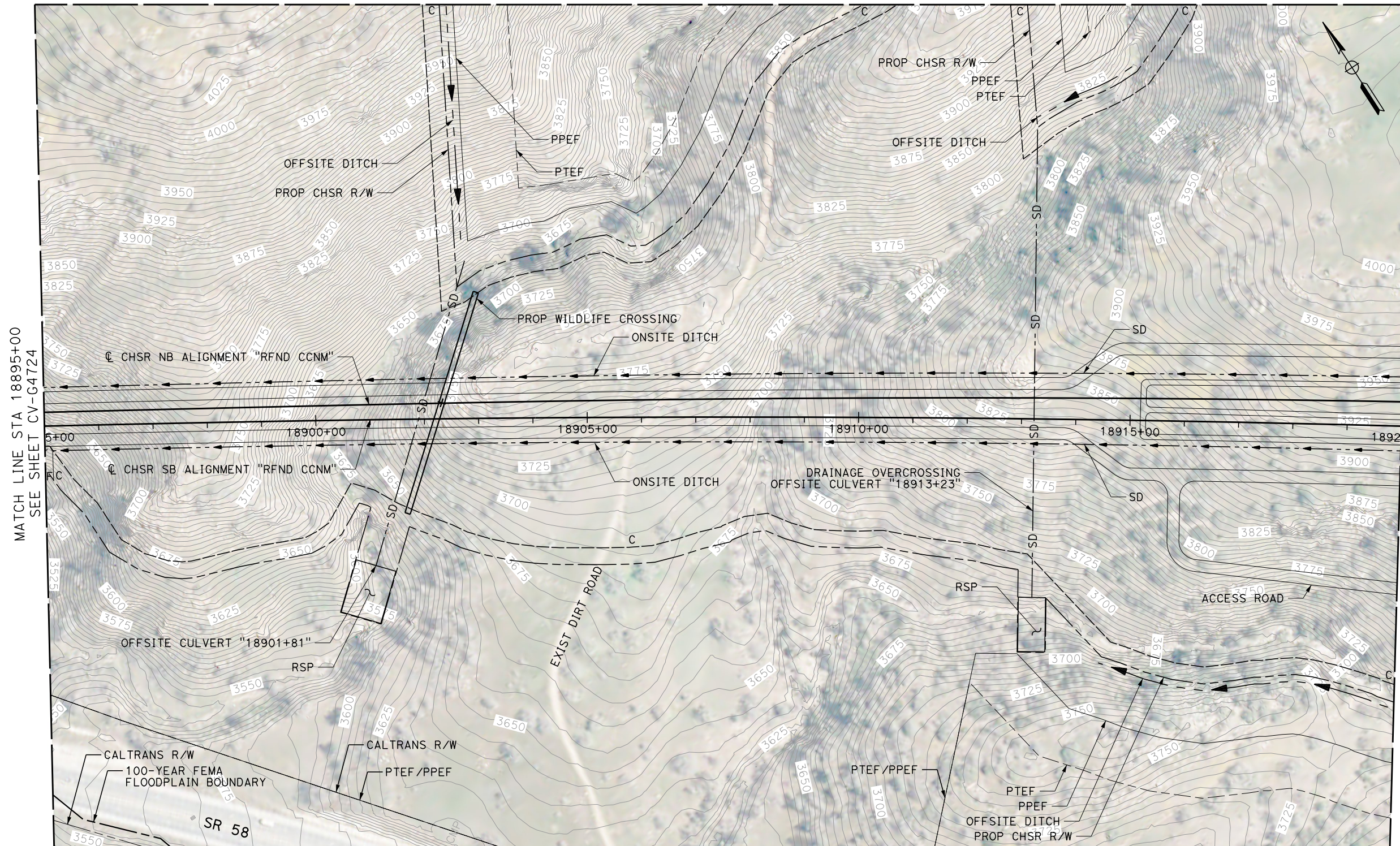


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 GRADING AND DRAINAGE
 PLAN
 STA 18870+00 TO 18895+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-G4724
 SCALE
AS SHOWN
 SHEET NO.
140

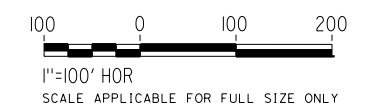
MATCH LINE
SEE SHEET CV-G4745

MATCH LINE
SEE SHEET CV-G4746



MATCH LINE STA 18895+00
SEE SHEET CV-G4724

MATCH LINE STA 18920+00
SEE SHEET CV-G4726



PLAN

Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\G\BP-CV-G4725
1:19:22 AM
12/22/2020

Glenn.Yamanaka@tylin.com

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**

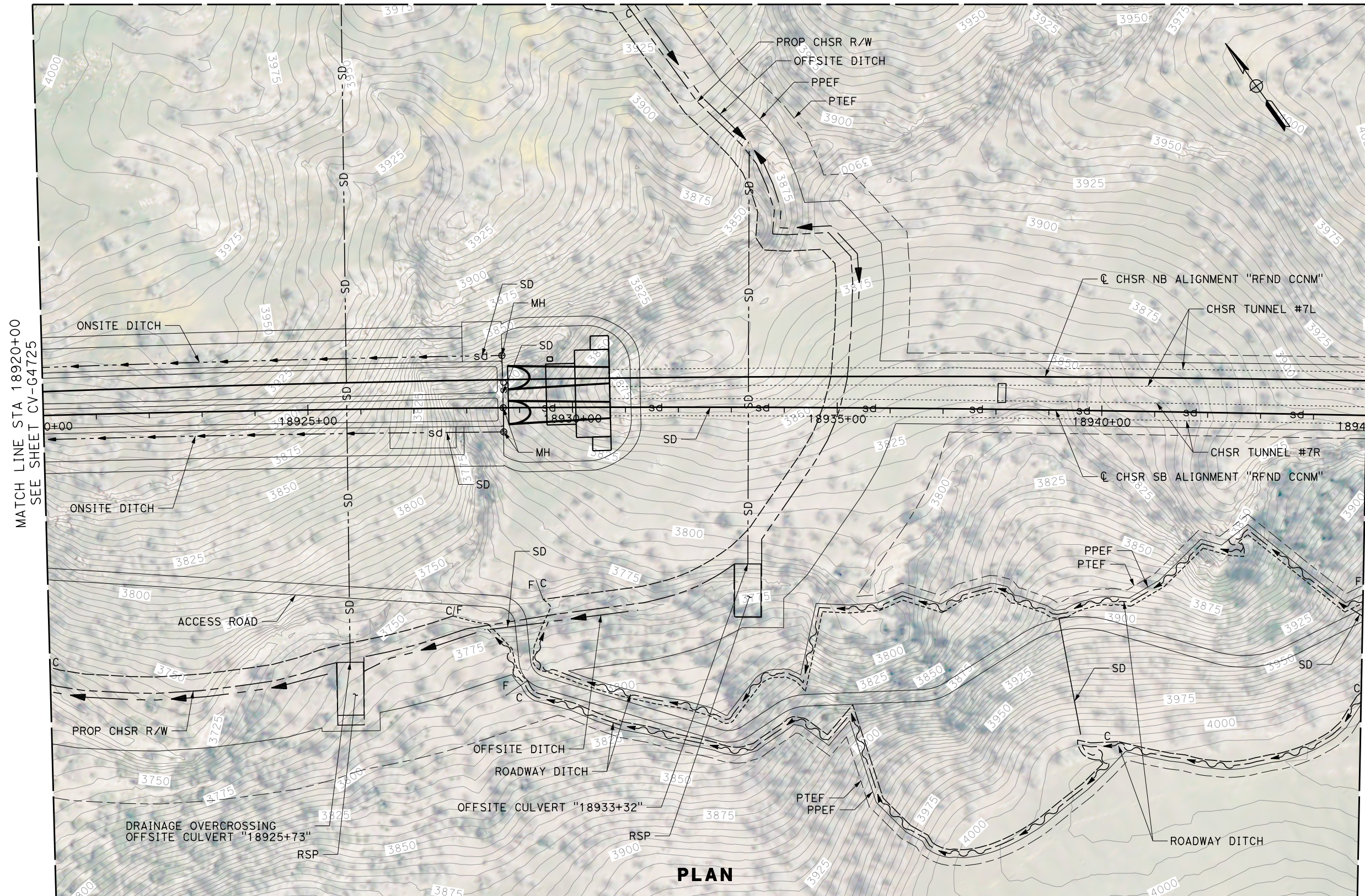


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18895+00 TO 18920+00

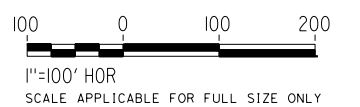
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4725
SCALE
AS SHOWN
SHEET NO.
141

MATCH LINE
SEE SHEET CV-G4746

MATCH LINE
SEE SHEET CV-G4747



PLAN



Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\1ion D\Sheets\CV\G\BP-CV-G4726
1:19:03 AM
12/22/2020
Glenn.Yamanaka@tylin.com

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 18920+00 TO 18945+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4726
SCALE
AS SHOWN
SHEET NO.
142

Projects\701206.00_CHSRBP\00_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4727

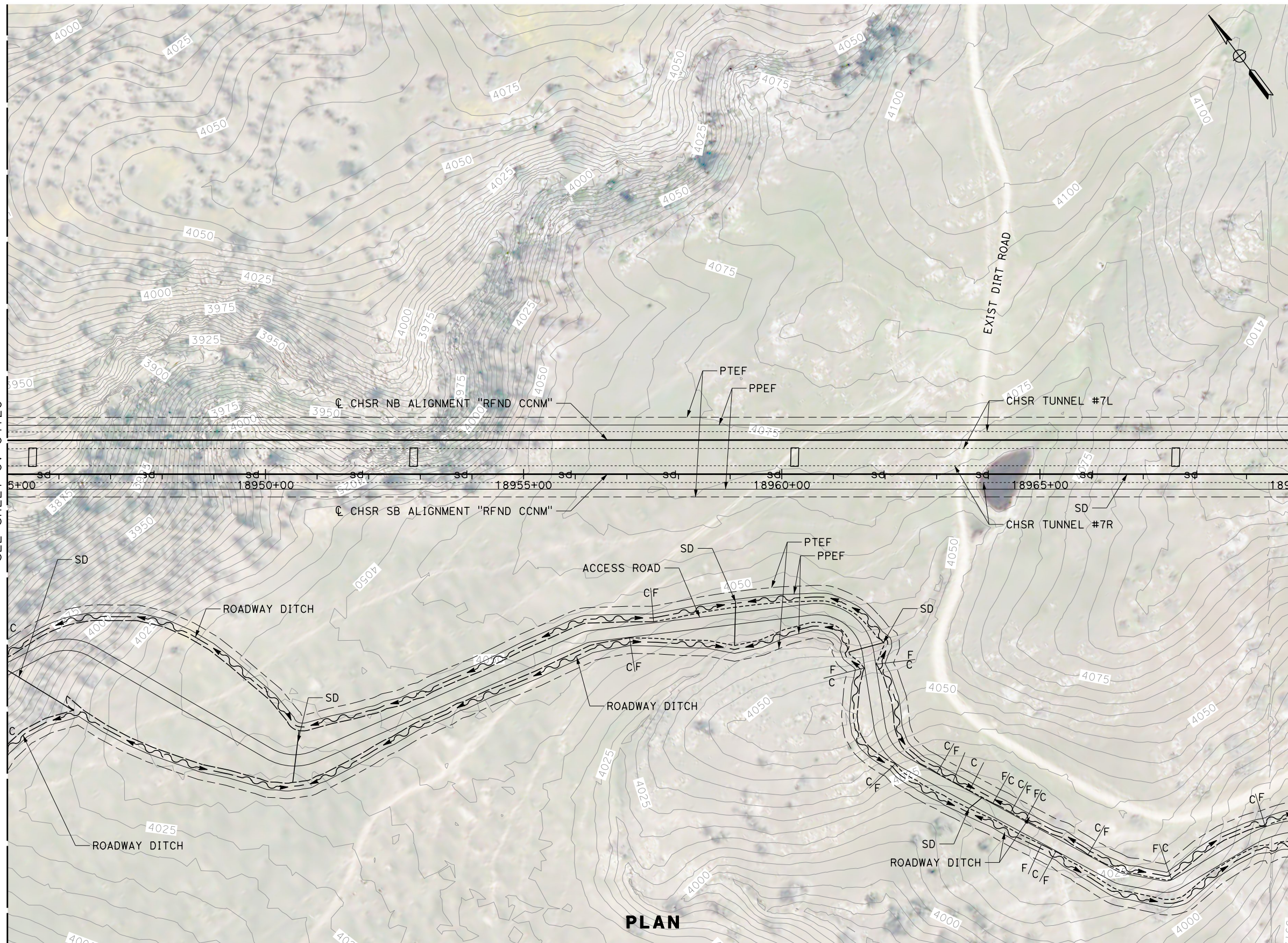
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12/22/2020

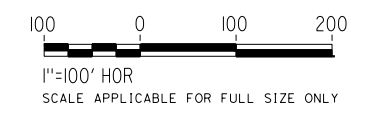
Glenn.Yamanaka@tylin.com

MATCH LINE STA 18945+00
SEE SHEET CV-G4726

MATCH LINE STA 18970+00
SEE SHEET CV-G4728



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**

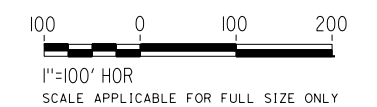
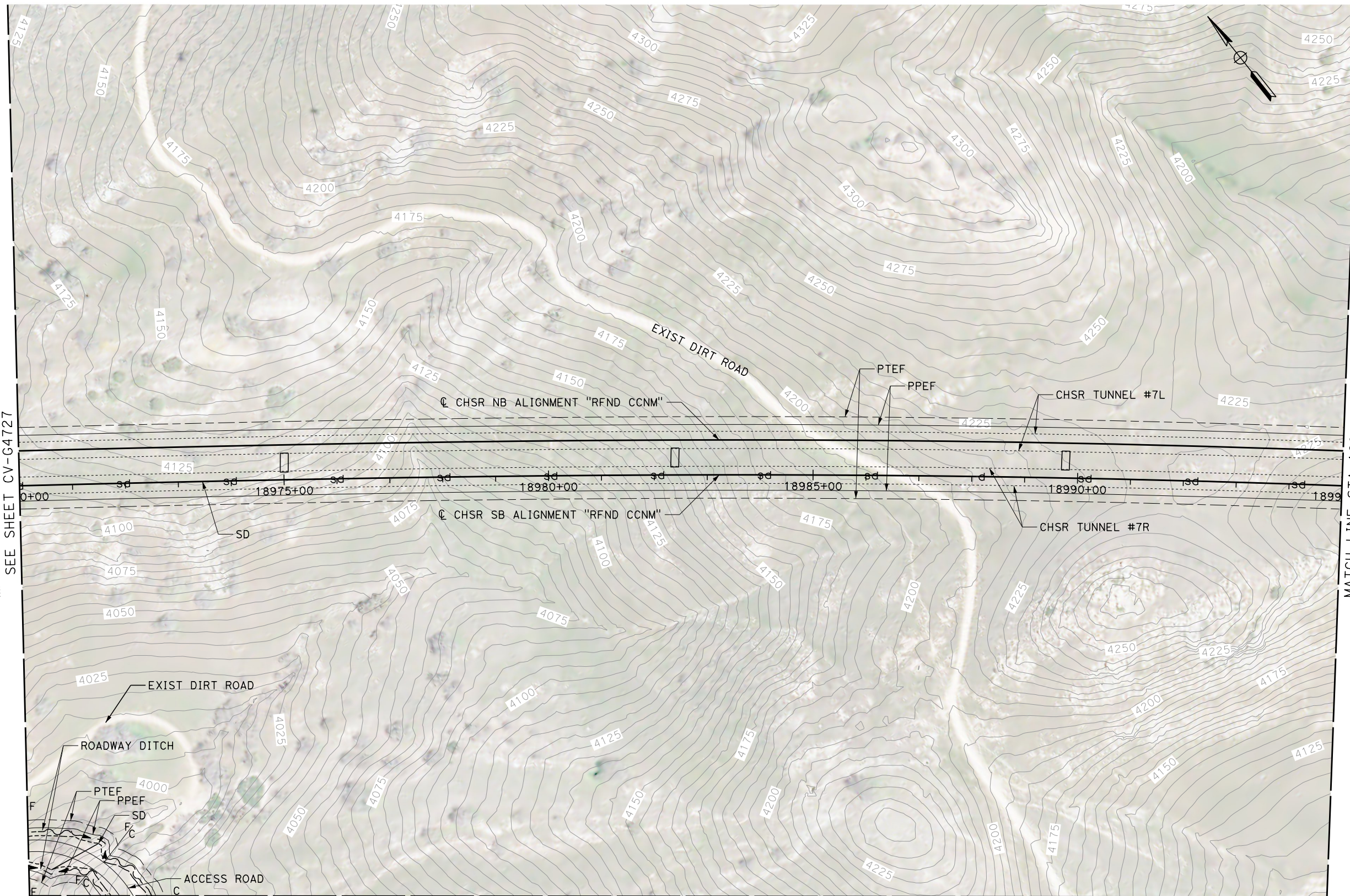


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18945+00 TO 18970+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4727
SCALE
AS SHOWN
SHEET NO.
143

MATCH LINE STA 18970+00
SEE SHEET CV-G4727

MATCH LINE STA 18995+00
SEE SHEET CV-G4729



MATCH LINE
SEE SHEET CV-G4748
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**

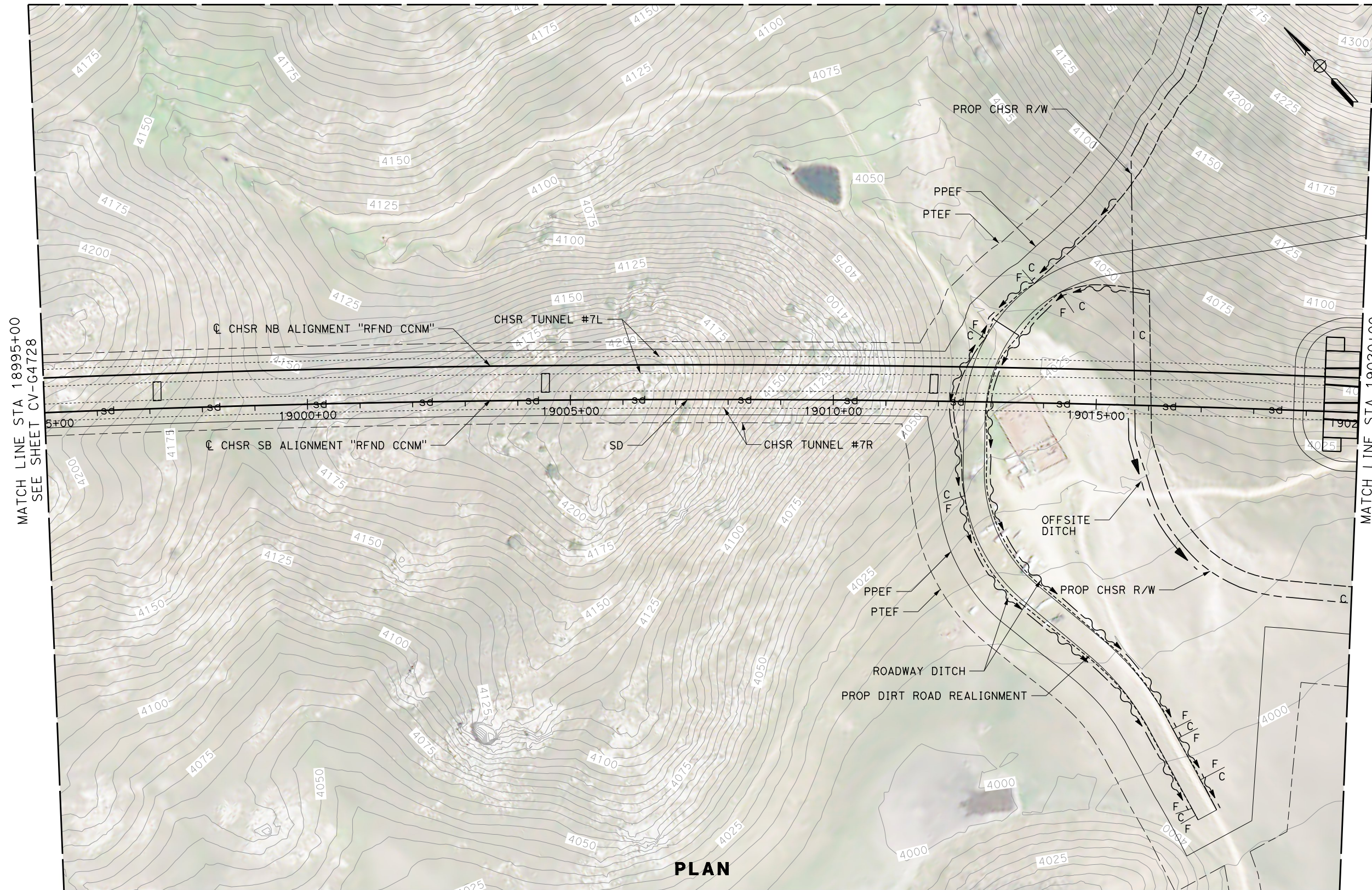
**NOT FOR
CONSTRUCTION**



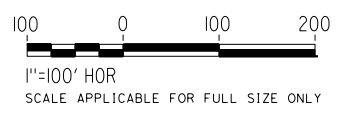
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 18970+00 TO 18995+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4728
SCALE
AS SHOWN
SHEET NO.
144

MATCH LINE
SEE SHEET CV-G4751



PLAN



Projects\701206.00_CHSRBP\00_CADD\CCNM_Op\10n D:\Sheets\CV\G\BP-CV-G4729 1:20:20 AM 12/22/2020 Glenn.Yamanaka@tylin.com

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 18995+00 TO 19020+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4729
SCALE
AS SHOWN
SHEET NO.
145

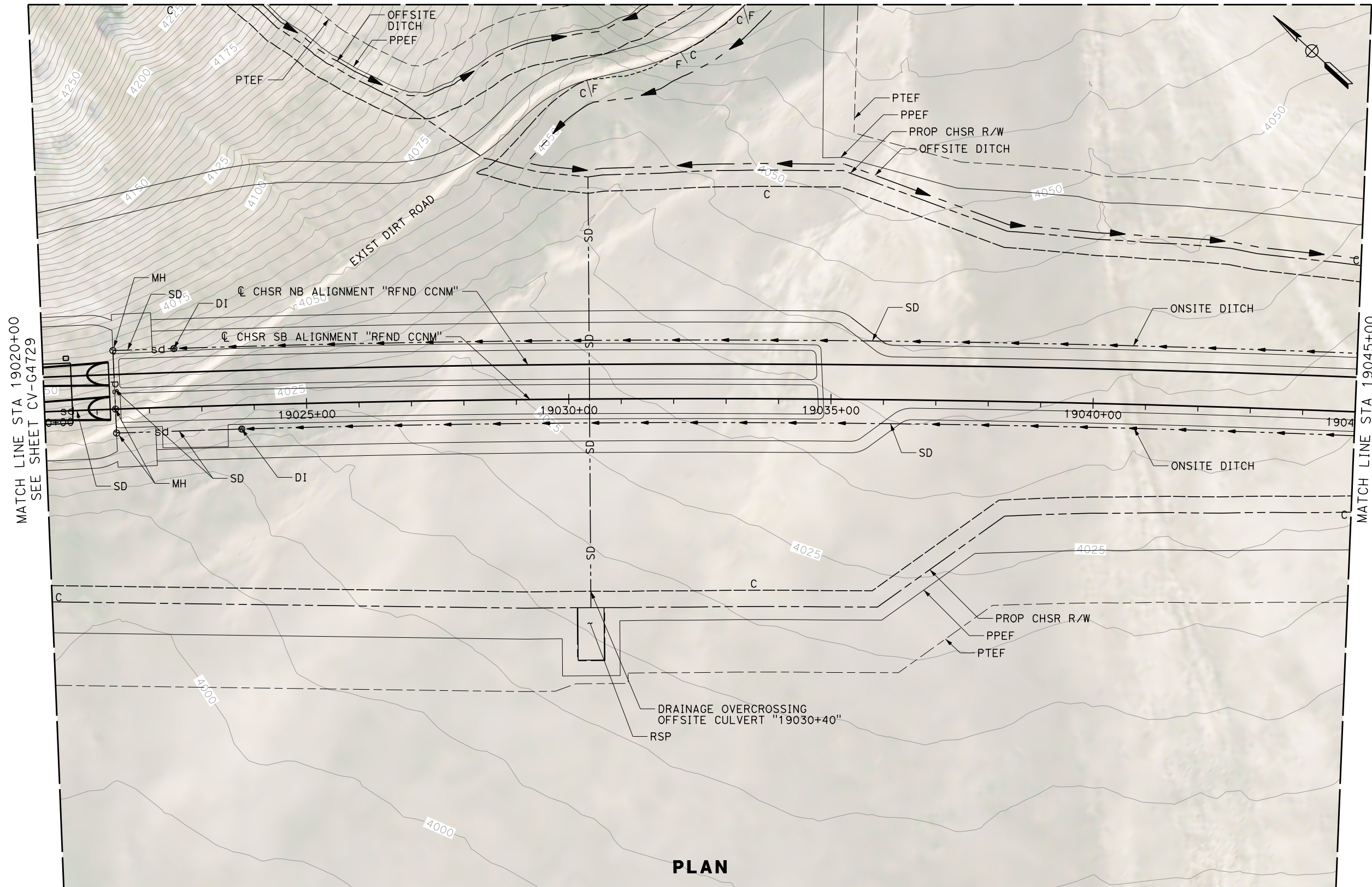
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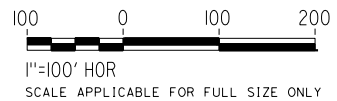
12/22/2020

Glenn.Yamanaka@tylin.com

MATCH LINE
SEE SHEET CV-G4751



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**

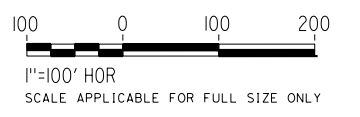
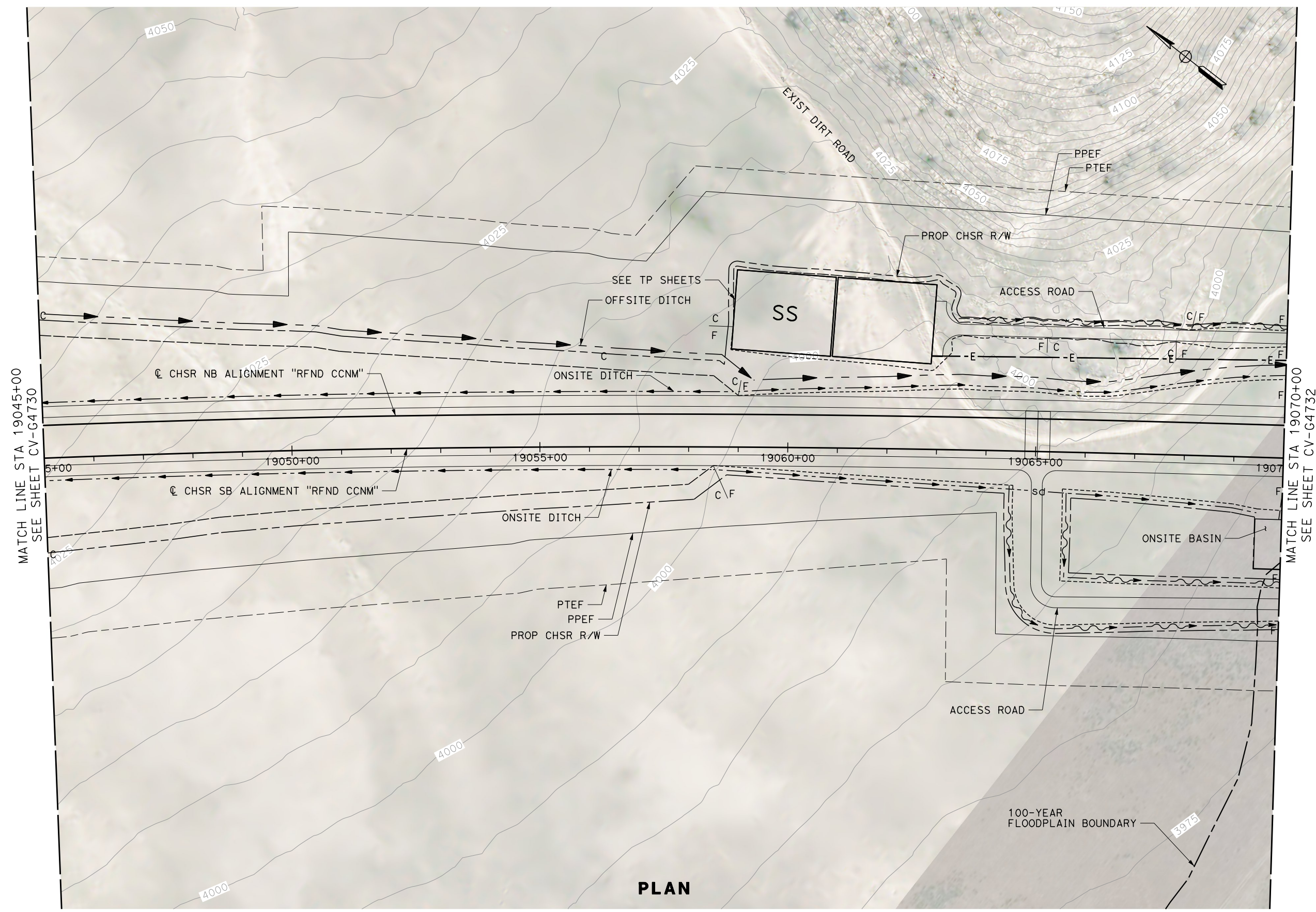


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
STA 19020+00 TO 19045+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4730
SCALE
AS SHOWN
SHEET NO.
146

12/22/2020 1:19:55 AM Projects\701206.00_CHSRBP\00_CADD\CCNM Option D\Sheets\CV\G\BP-CV-G4731 Glenn.Yamanaka@tylin.com



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 19045+00 TO 19070+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-G4731
 SCALE
AS SHOWN
 SHEET NO.
147

Projects\701206.00_CHSRBP\00_CADD\CCNM_Option D\Sheets\CV\G\BP-CV-G4732

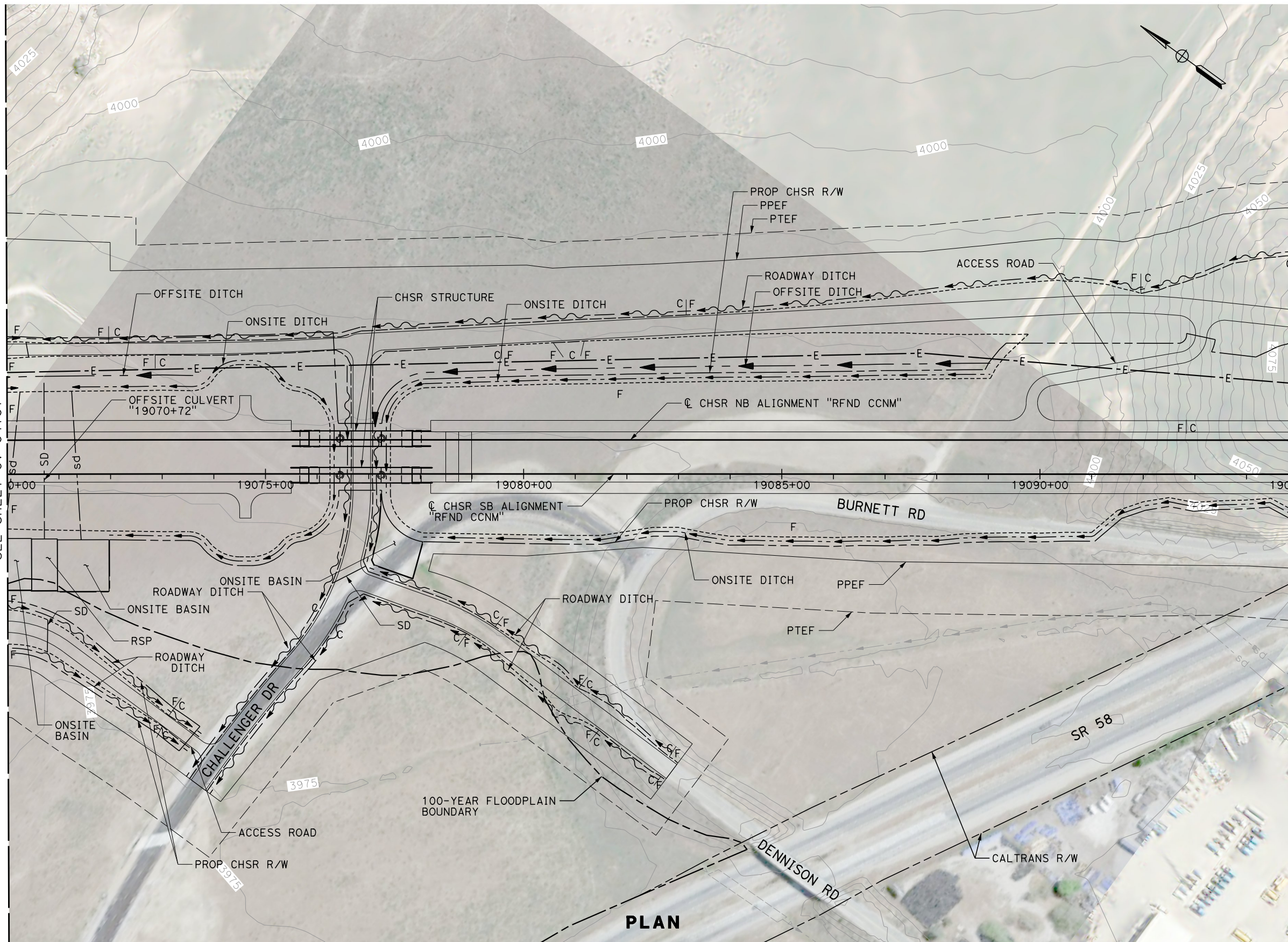
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12/22/2020

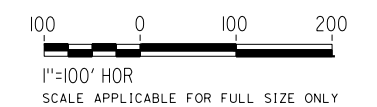
Glenn.Yamanaka@tylin.com

MATCH LINE STA 19070+00
SEE SHEET CV-G4731

MATCH LINE STA 19095+00
SEE SHEET CV-G4733



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 19070+00 TO 19095+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-G4732
 SCALE
AS SHOWN
 SHEET NO.
148

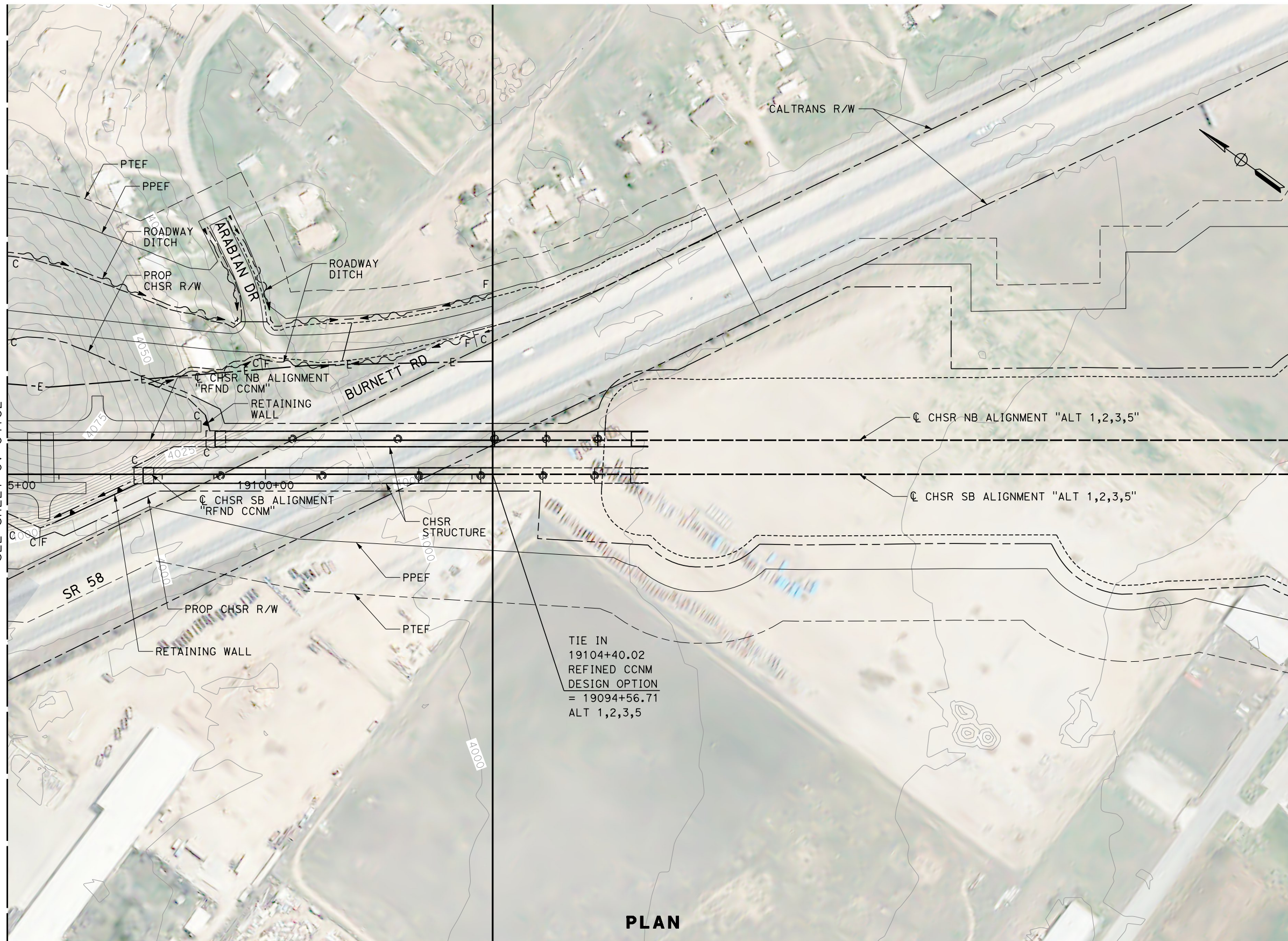
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12/22/2020

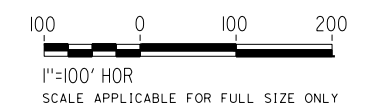
Glenn.Yamanaka@tylin.com

MATCH LINE STA 19095+00
SEE SHEET CV-G4732



TIE IN
19104+40.02
REFINED CCNM
DESIGN OPTION
= 19094+56.71
ALT 1,2,3,5

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 19095+00 TO 19120+00

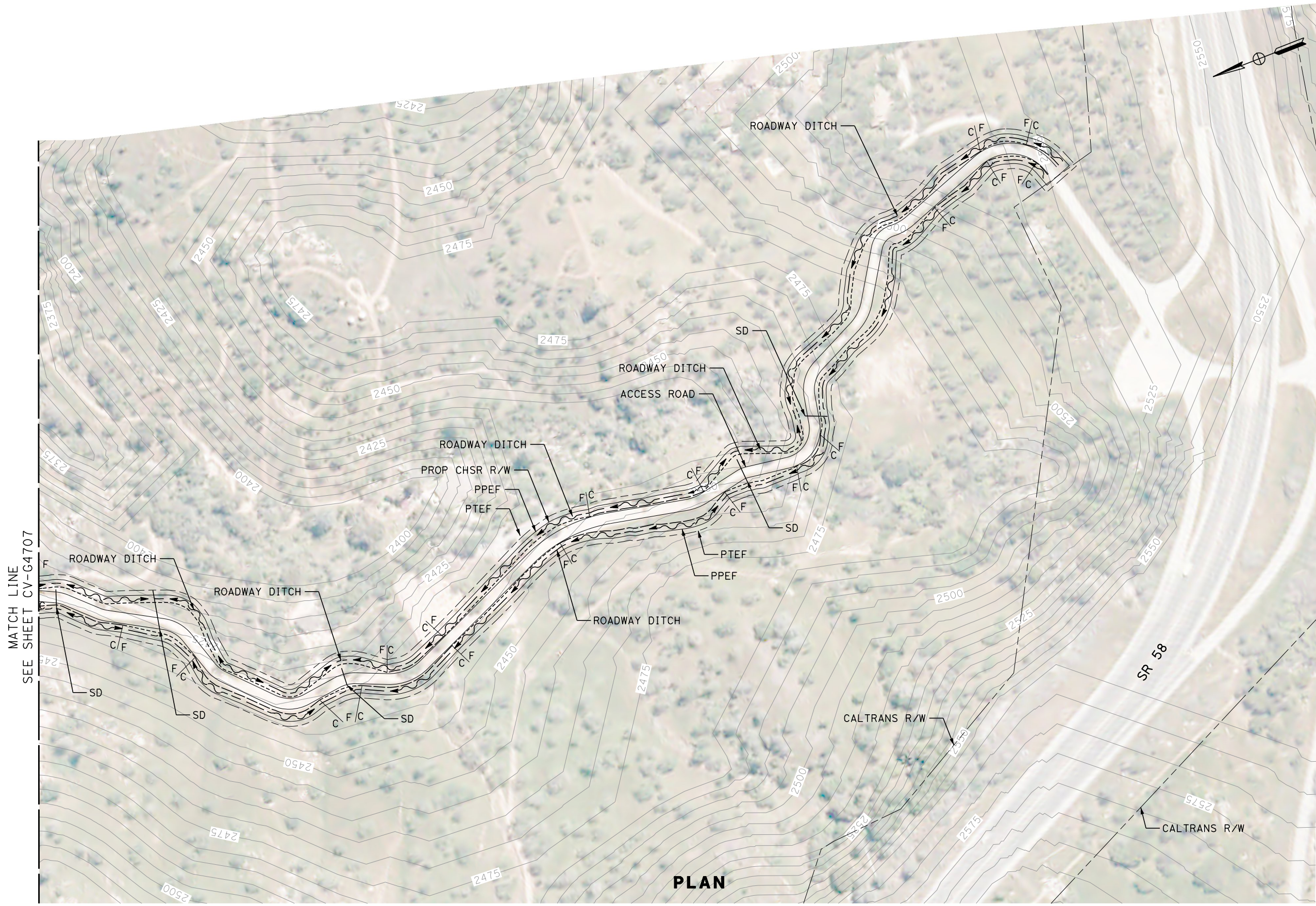
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4733
SCALE
AS SHOWN
SHEET NO.
149

Projects\701206.00_CHSRBP\00_CADD\CCNM Op\1ion D\Sheets\CV\G\BP-CV-G4734

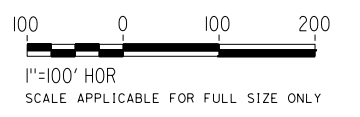
1:19:48 AM

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

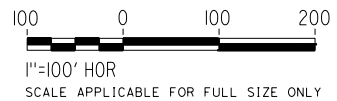
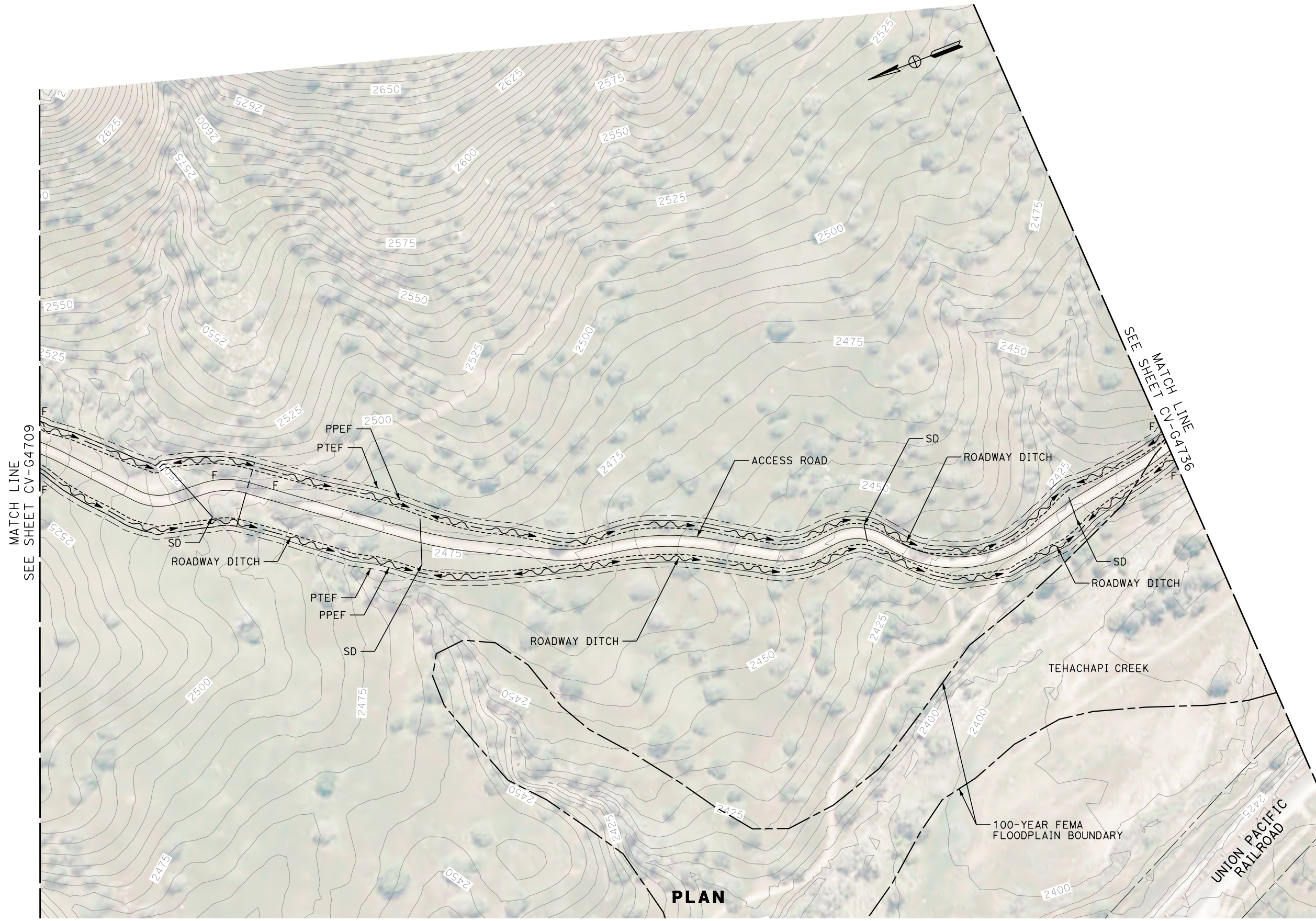
**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
ACCESS ROAD STA 18457+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4734
SCALE
AS SHOWN
SHEET NO.
150



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

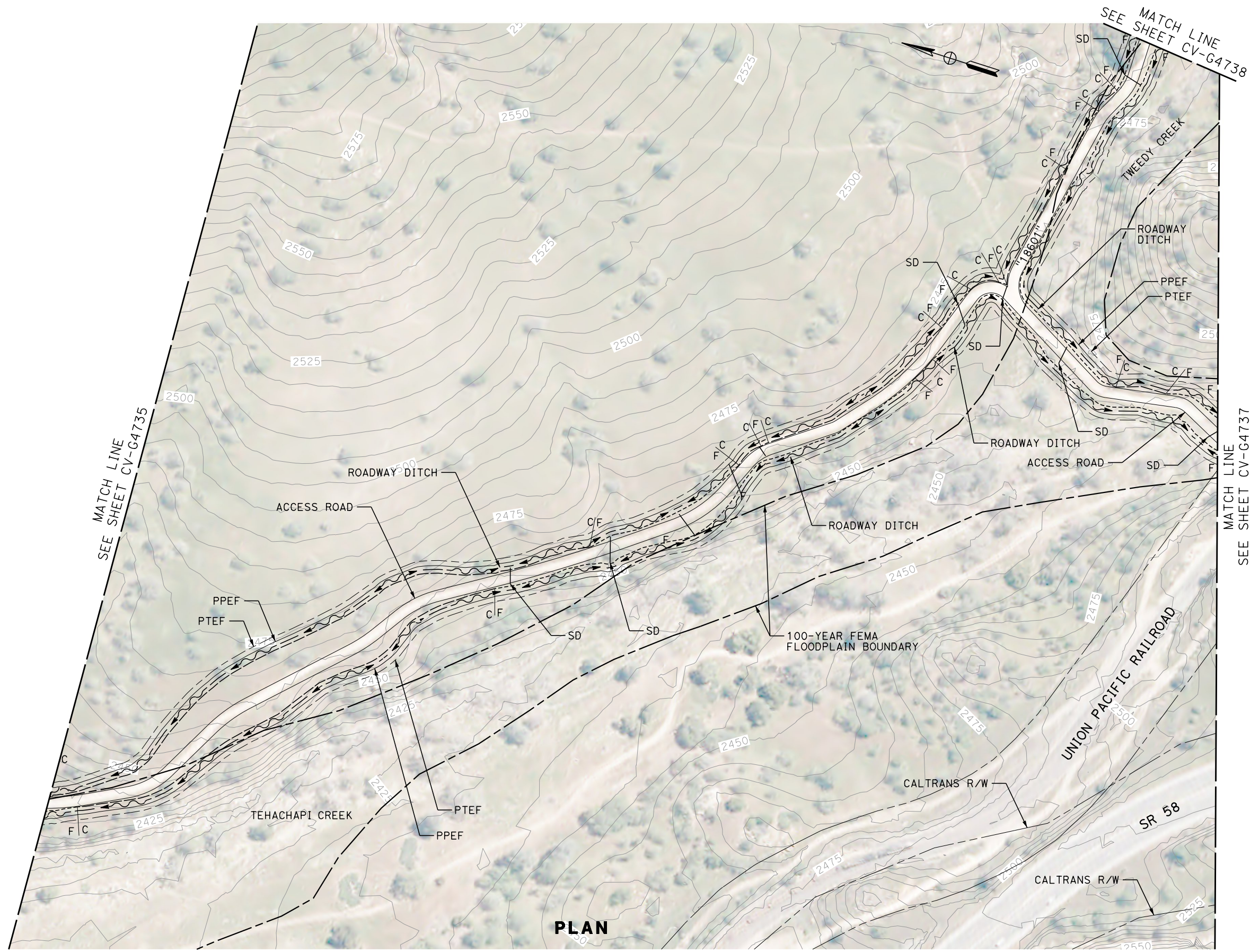


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
REFINED CCNM DESIGN OPTION
GRADING AND DRAINAGE
PLAN
ACCESS ROAD STA 18507+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4735
SCALE
AS SHOWN
SHEET NO.
151

Projects\701206.00_CHSRBP\00_CADD\CCNM Op\1ion D\Sheets\CV\G\BP-CV-G4736
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 12/22/2020

Glenn.Yamanaka@tylin.com

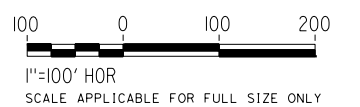


PLAN

MATCH LINE
SEE SHEET CV-G4735

SEE MATCH LINE
SHEET CV-G4738

MATCH LINE
SEE SHEET CV-G4737



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**

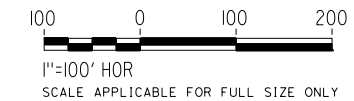
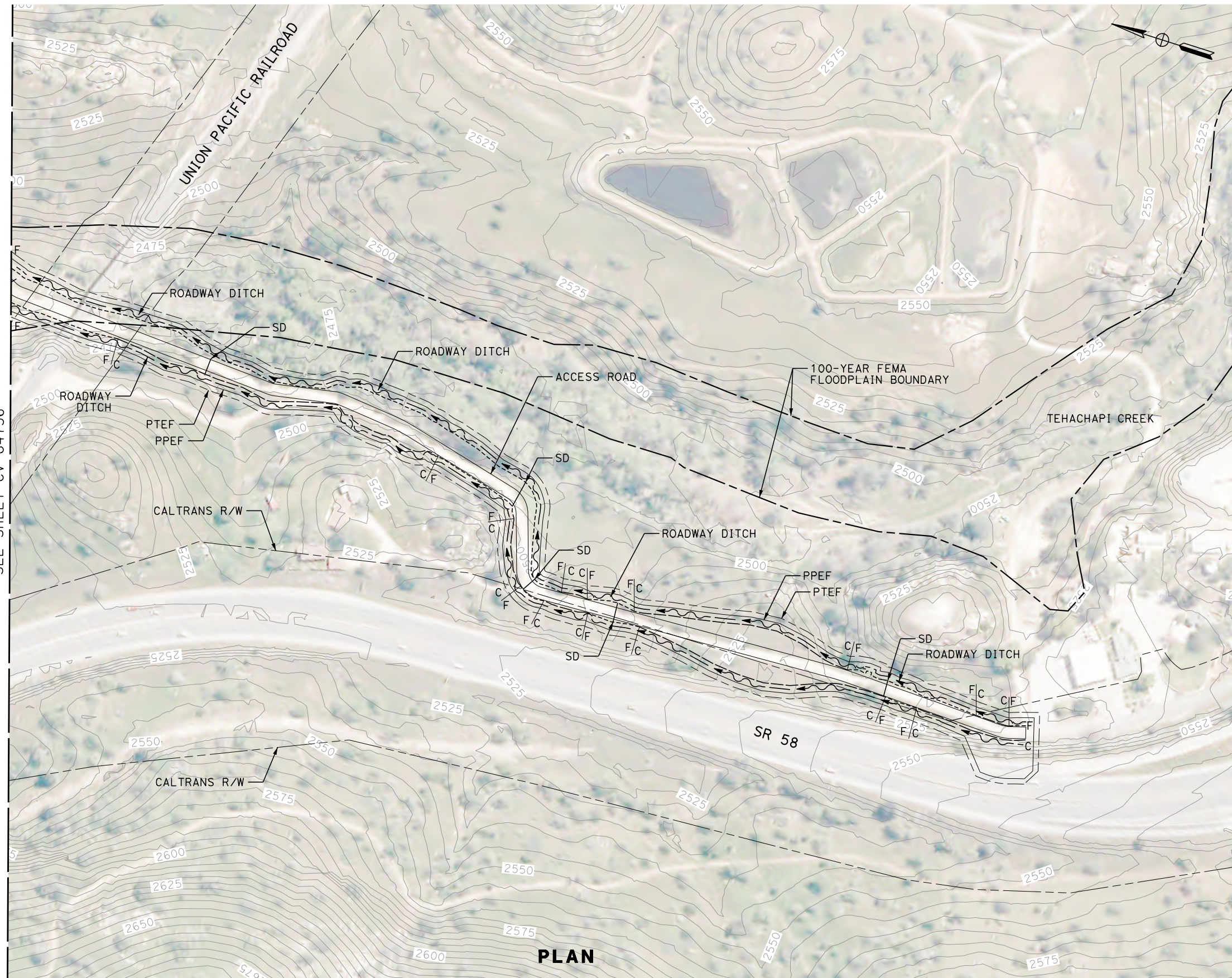
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 REFINED CCNM DESIGN OPTION
 GRADING AND DRAINAGE
 PLAN
 ACCESS ROAD STA 18507+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-G4736
 SCALE
AS SHOWN
 SHEET NO.
152

MATCH LINE
SEE SHEET CV-G4736



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
ACCESS ROAD STA 18601+00

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-G4737
SCALE
AS SHOWN
SHEET NO.
153