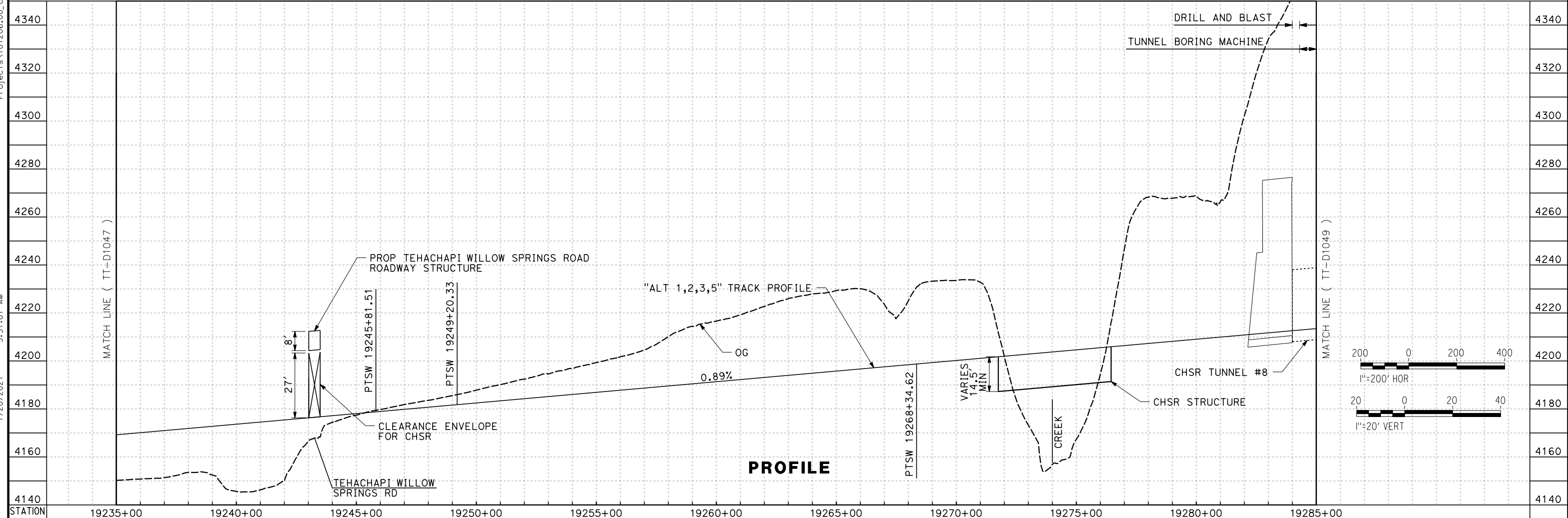
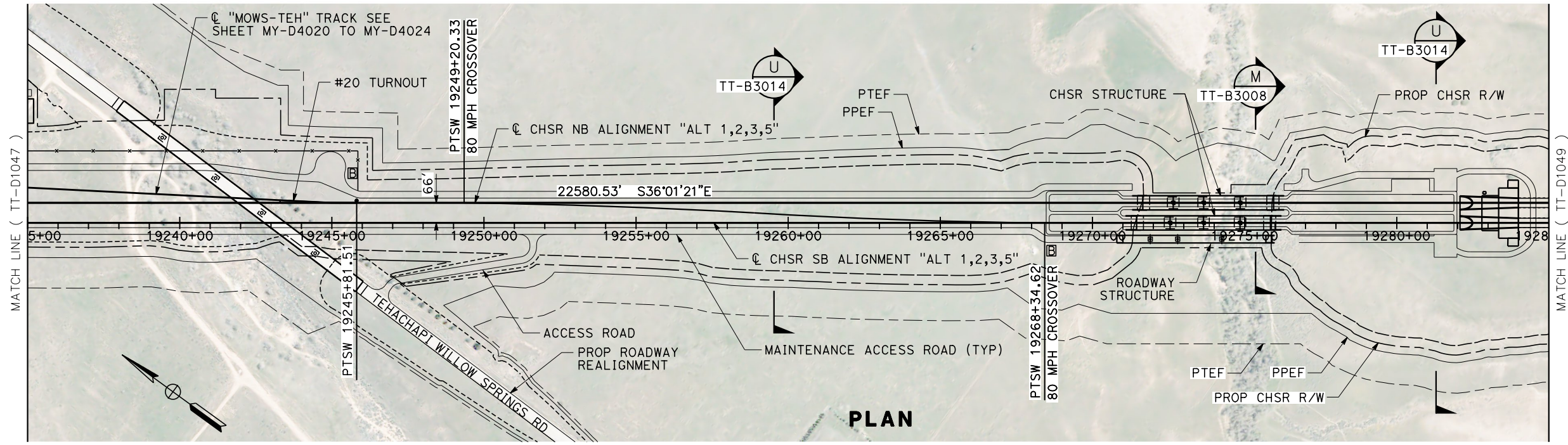


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1/20/2021 5:51:01 AM

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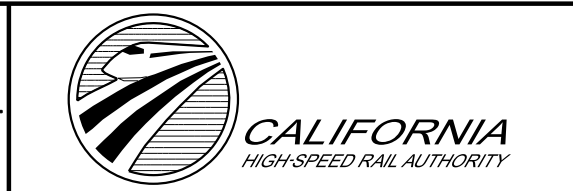


REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

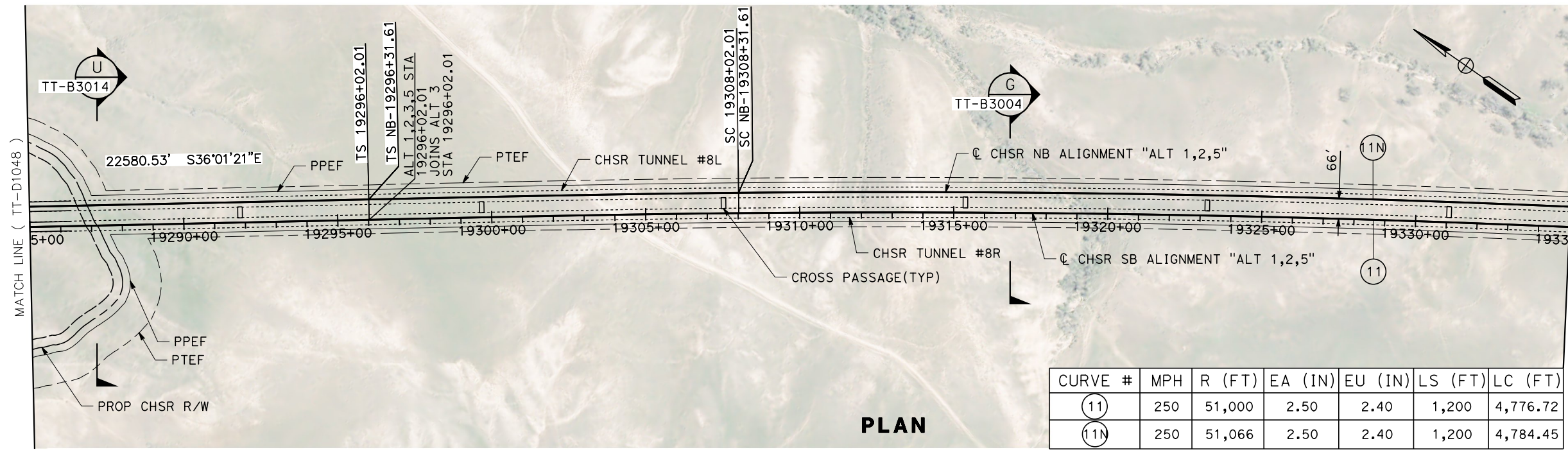
NOT FOR
CONSTRUCTION



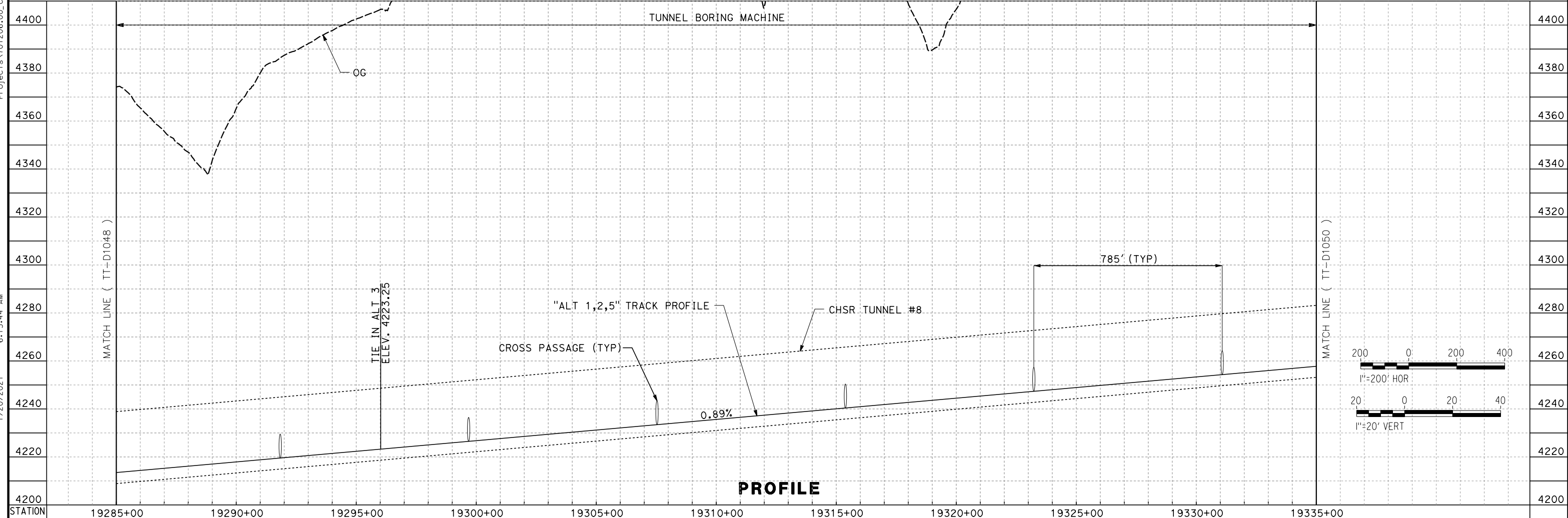
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
TRACK GUIDEWAY
STA 19235+00 TO 19285+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
TT-D1048
SCALE
AS SHOWN
SHEET NO.
108

Projects\701206_00_CHSRBP_00_CADD\Sheet Files\TT\BP-TT-D1049
 6:15:44 AM
 1/20/2021
 jcs_user_17609



PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 TRACK GUIDEWAY
 STA 19285+00 TO 19335+00
 PLAN AND PROFILE

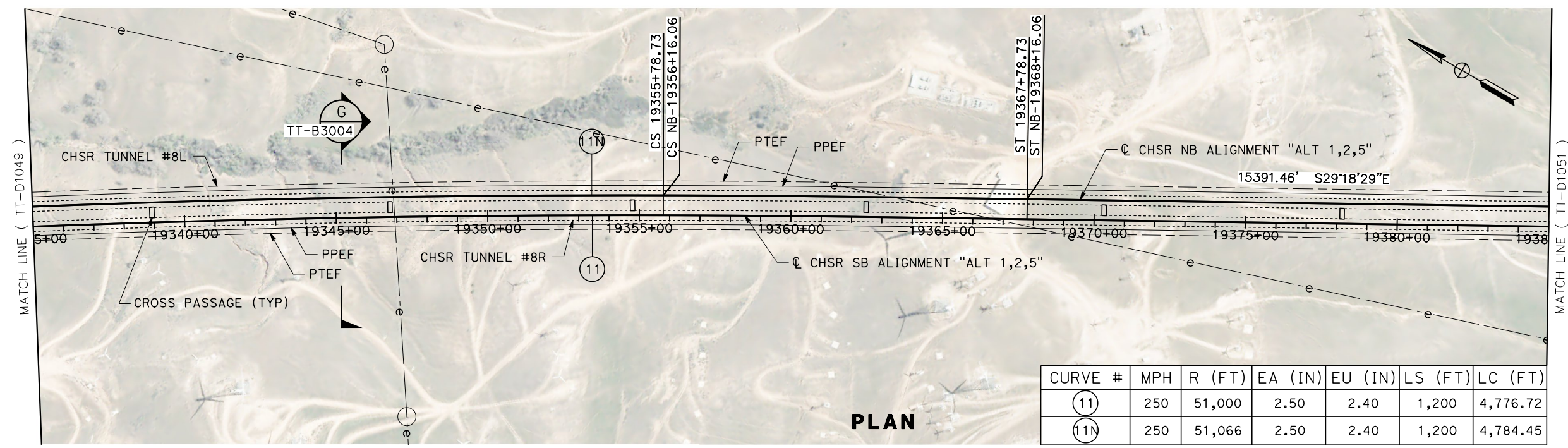
CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1049

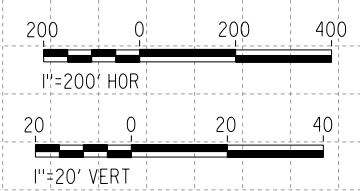
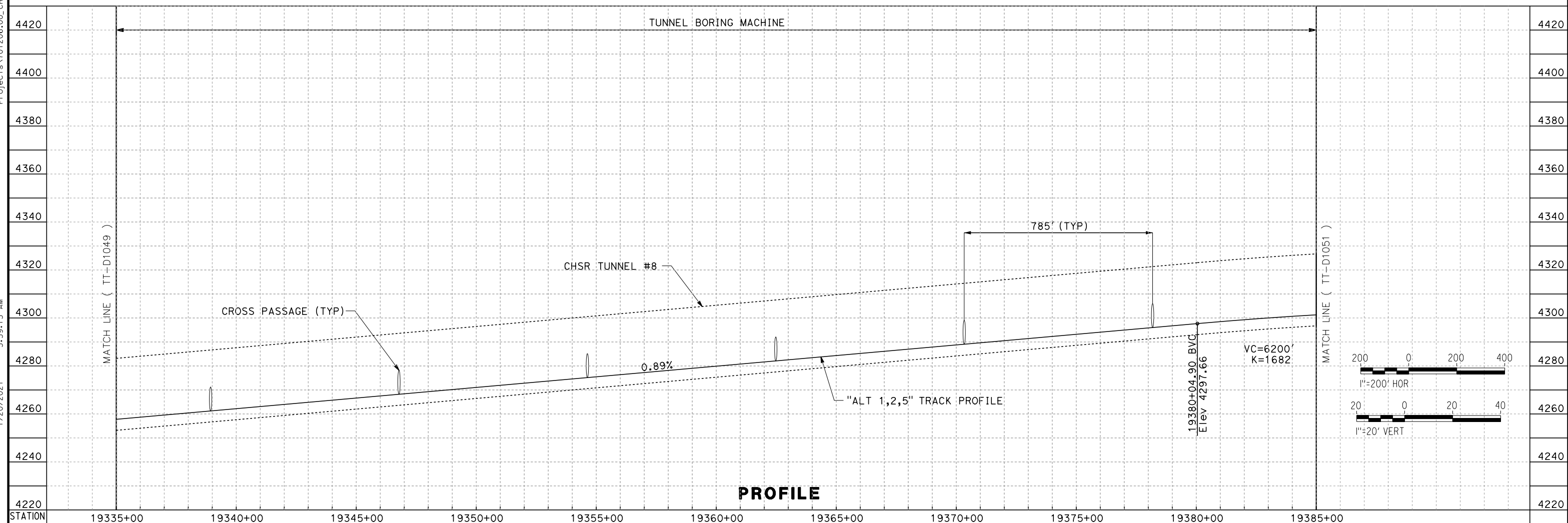
SCALE
AS SHOWN

SHEET NO.
109

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 jcs_user_17609



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(11N)	250	51,066	2.50	2.40	1,200	4,784.45



REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
 PEPD
 SUBMITTAL**

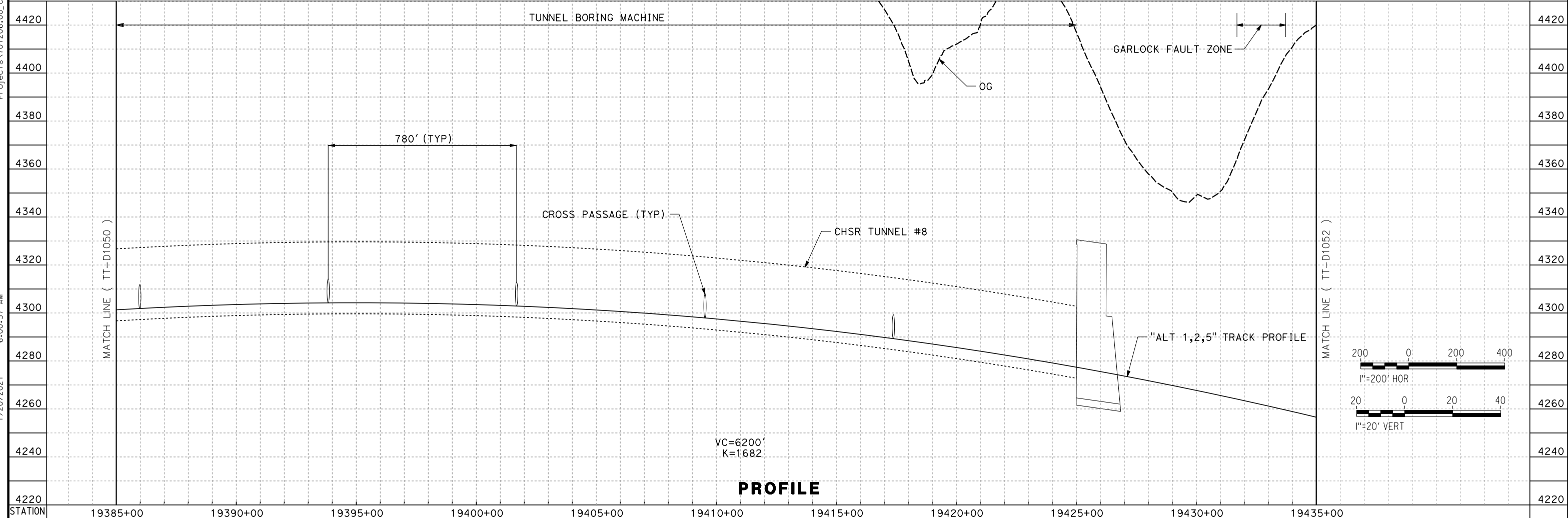
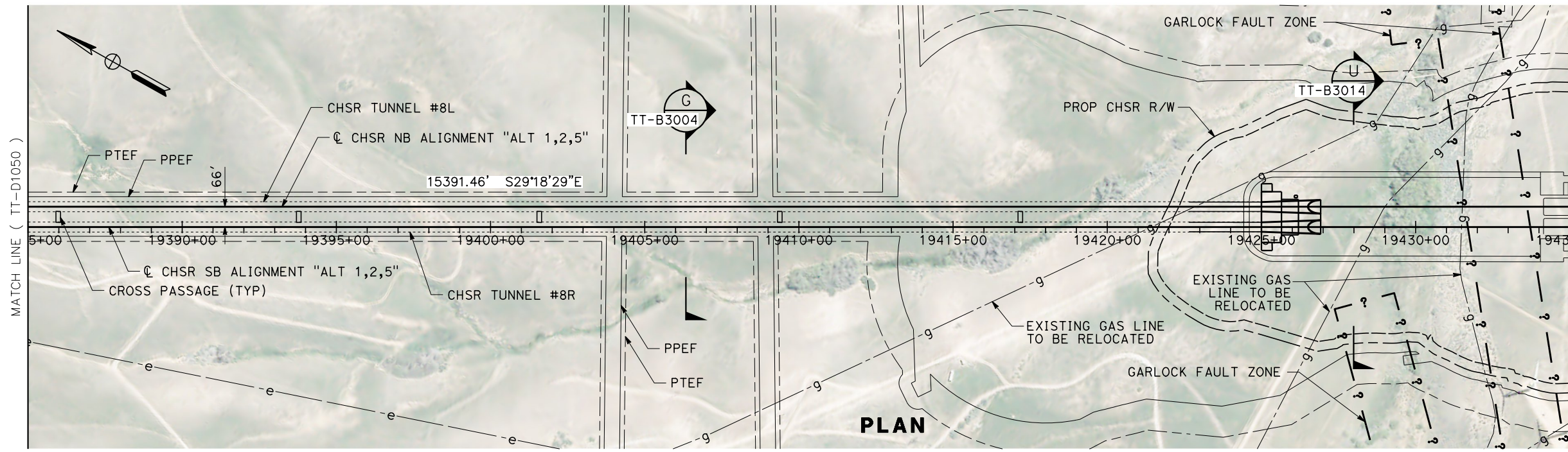
**NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 ALTERNATIVE 1,2,5
 TRACK GUIDEWAY
 STA 19335+00 TO 19385+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1050
 SCALE
AS SHOWN
 SHEET NO.
110

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 1/20/2021
 jcs_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

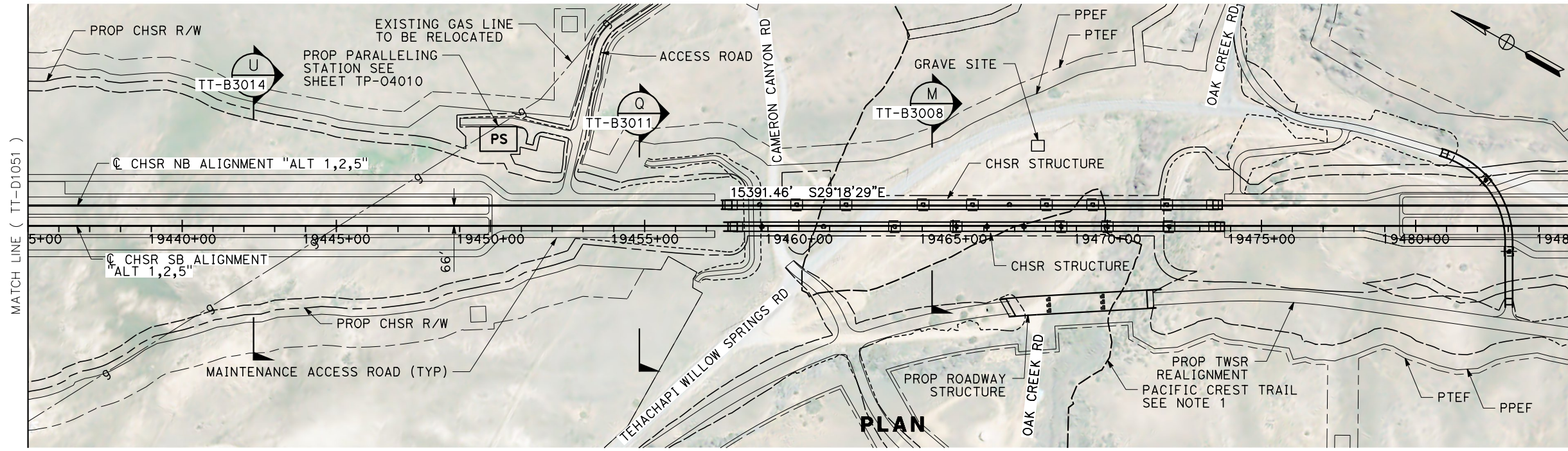
NOT FOR
CONSTRUCTION



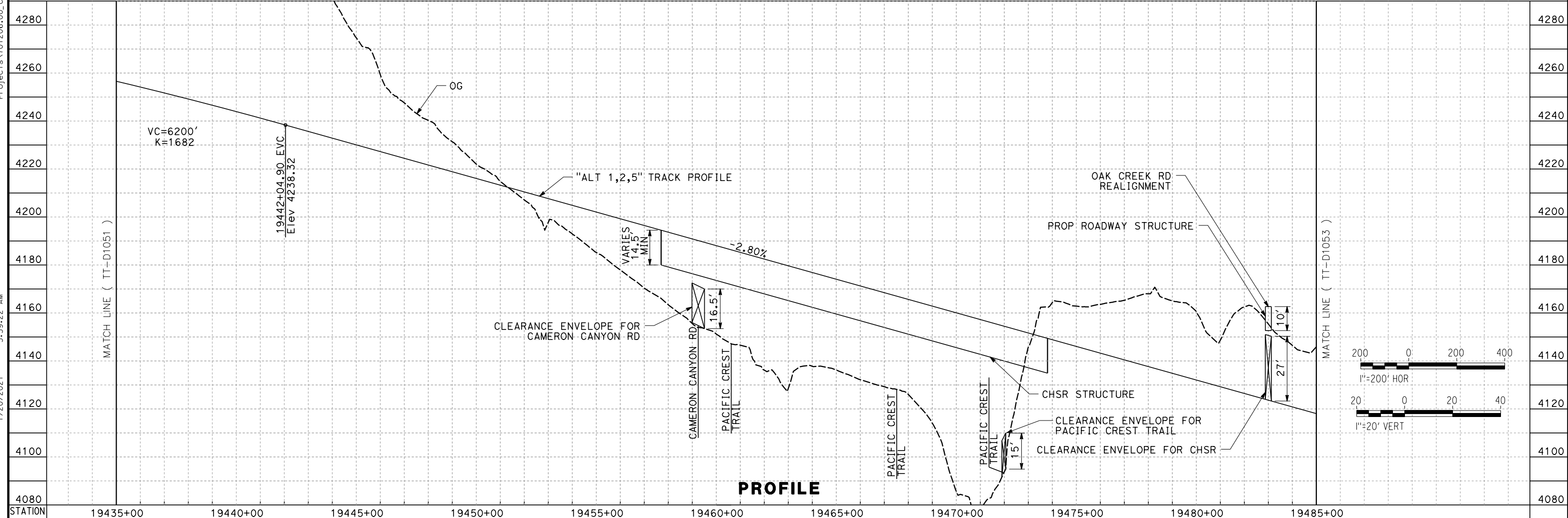
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,5
 TRACK GUIDEWAY
 STA 19385+00 TO 19435+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1051
 SCALE
AS SHOWN
 SHEET NO.
111

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 1/20/2021 5:59:22 AM jcs_user_17609



NOTES:
 1. PCT TO BE REALIGNED PER MITIGATION MEASURE PCT-MM#1



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 TRACK GUIDEWAY
 STA 19435+00 TO 19485+00
 PLAN AND PROFILE

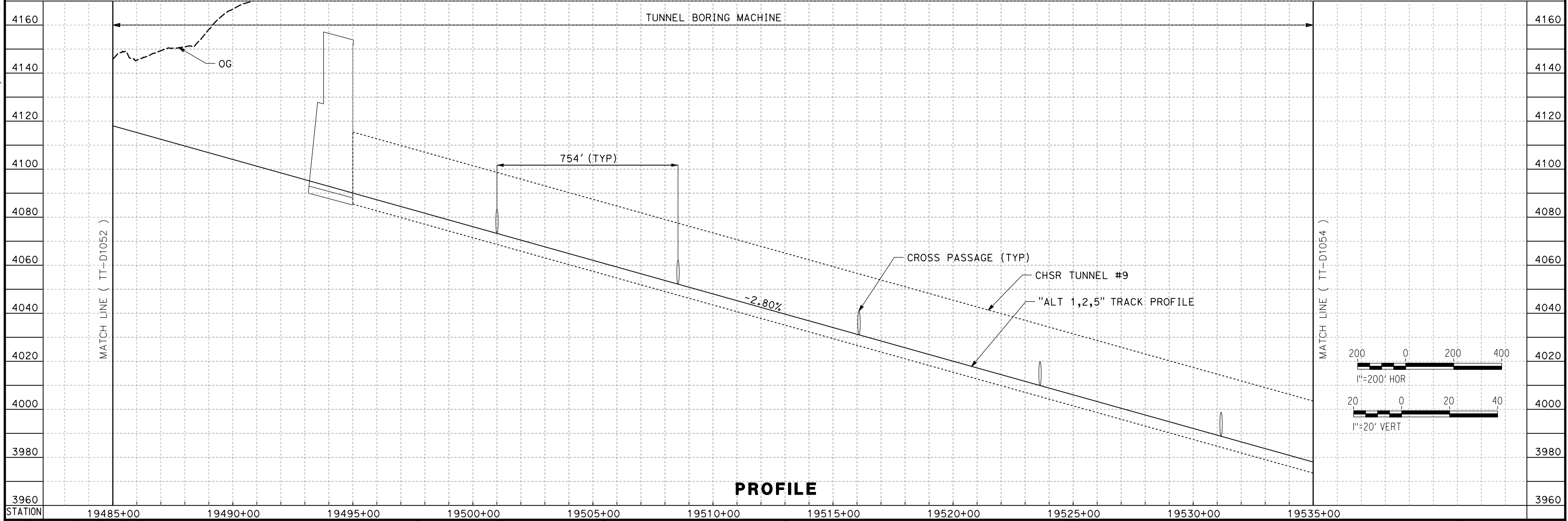
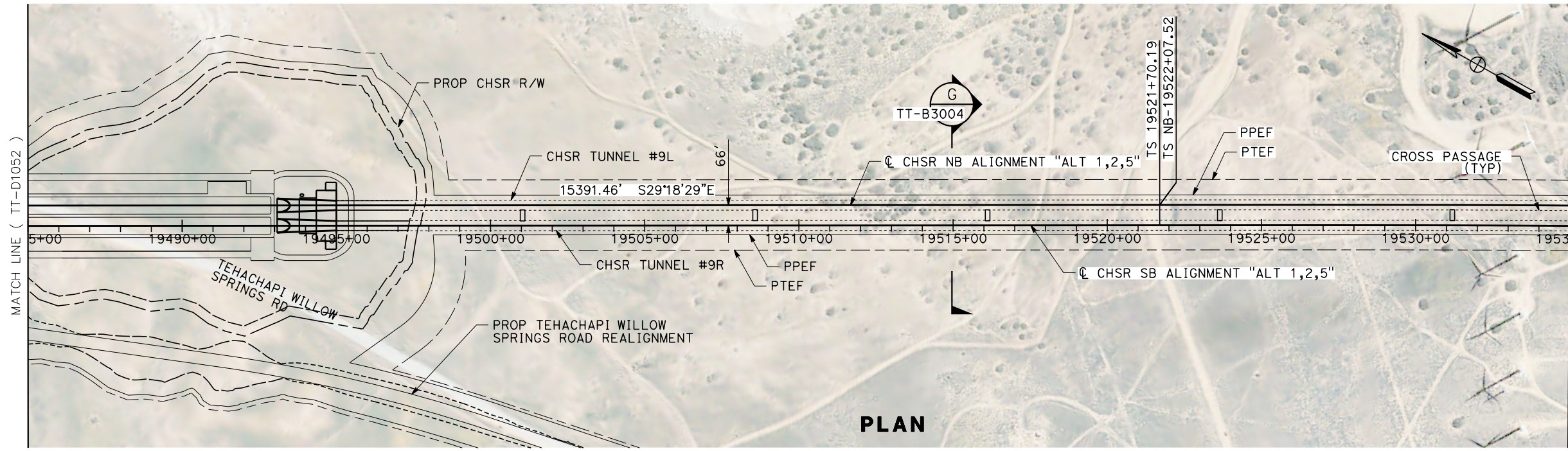
CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1052
 SCALE
AS SHOWN
 SHEET NO.
112

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5:55:20 AM

1/20/2021

ics_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

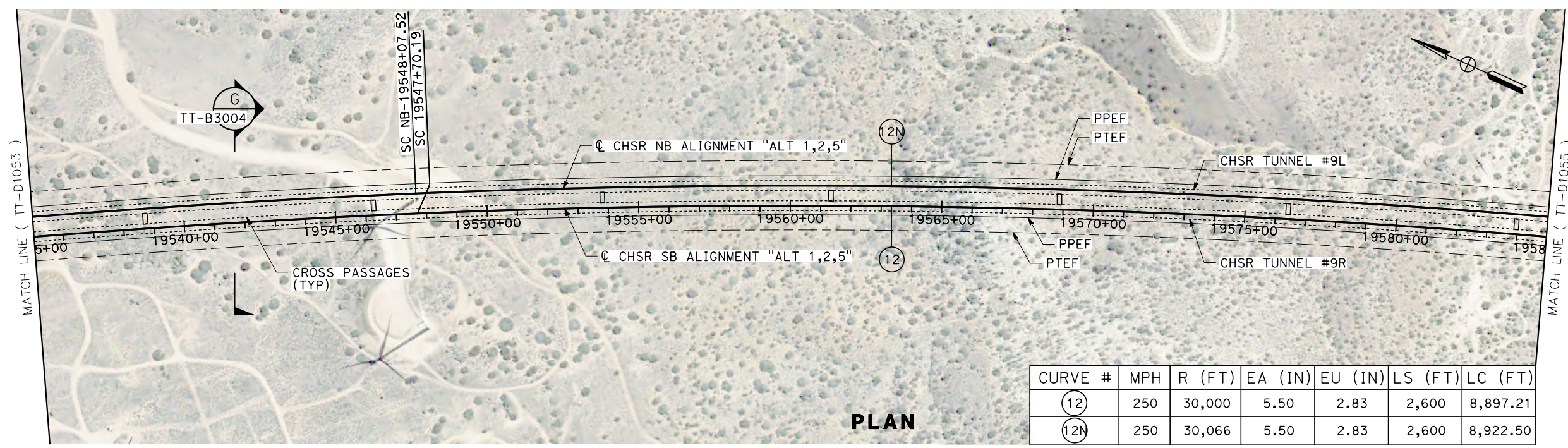


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

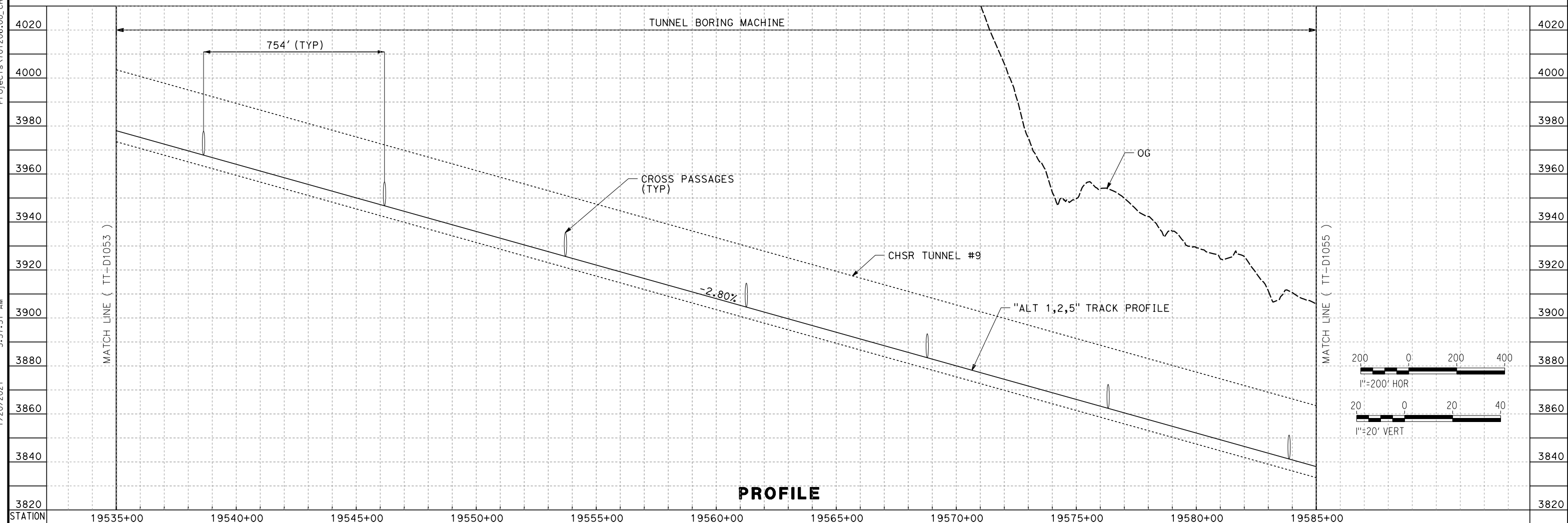
ALTERNATIVE 1,2,5
TRACK GUIDEWAY
STA 19485+00 TO 19535+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
TT-D1053
SCALE
AS SHOWN
SHEET NO.
113

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 1/20/2021
 jcs_user_17609



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(12N)	250	30,066	5.50	2.83	2,600	8,922.50



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON

DRAWN BY
A. CARSON

CHECKED BY
S. LANDOLT

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
 TRACK GUIDEWAY
 STA 19535+00 TO 19585+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1054

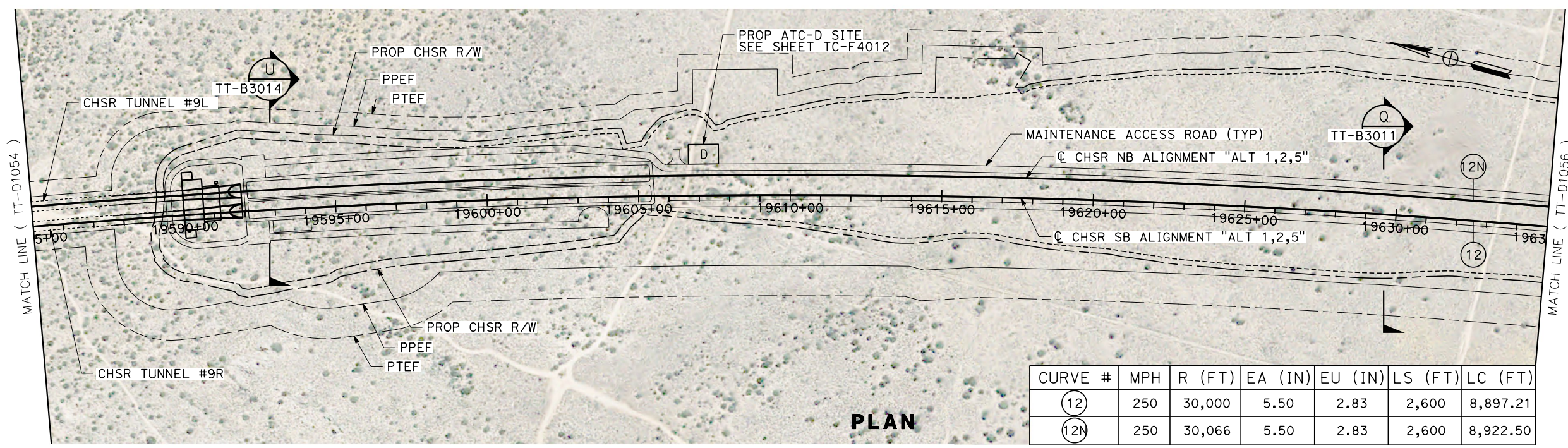
SCALE
AS SHOWN

SHEET NO.
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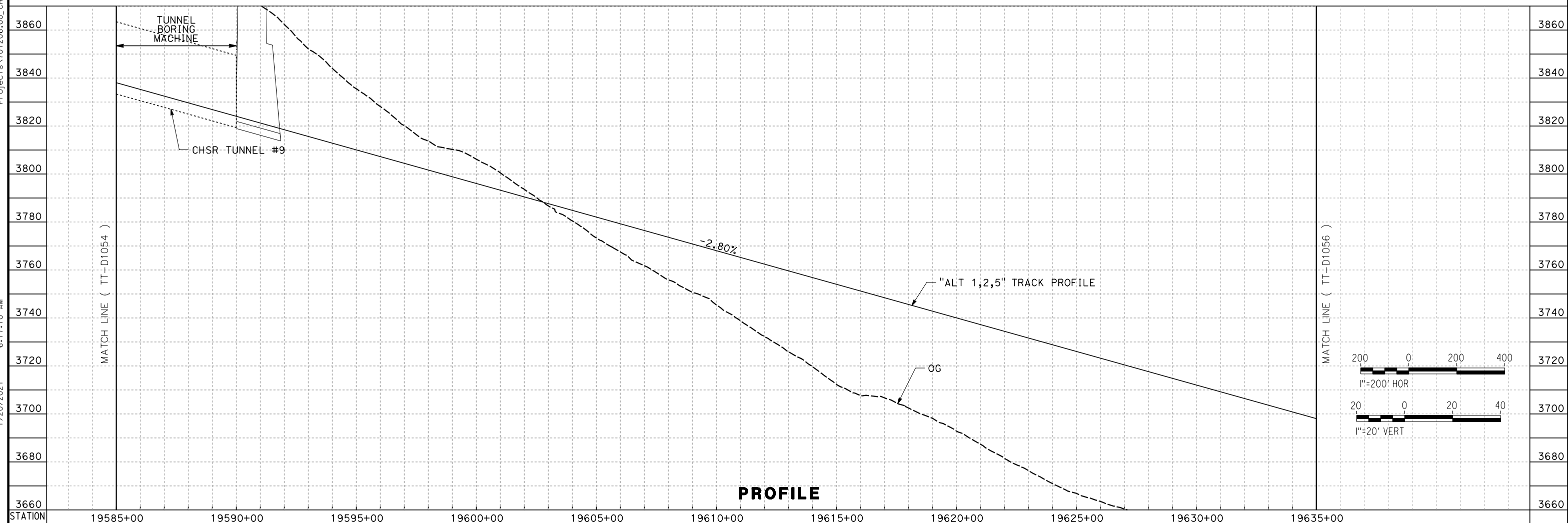
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1/20/2021 6:17:10 AM

ics_user_17609



CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
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(12N)	250	30,066	5.50	2.83	2,600	8,922.50



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
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
TRACK GUIDEWAY
STA 19585+00 TO 19635+00
PLAN AND PROFILE

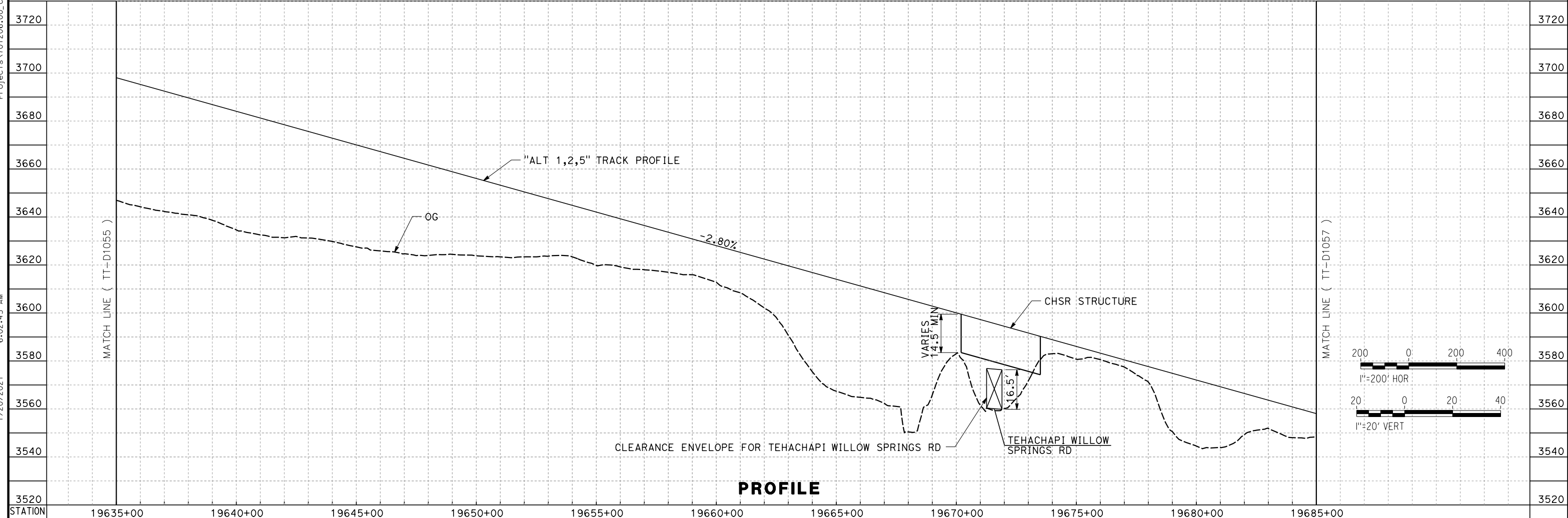
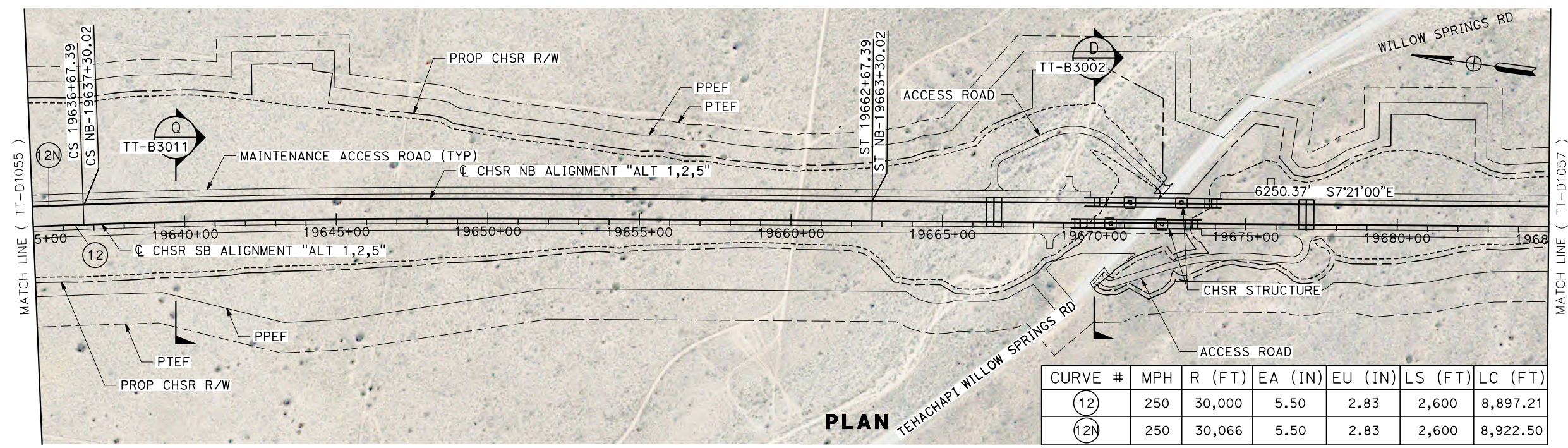
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DRAWING NO.
TT-D1055
SCALE
AS SHOWN
SHEET NO.
115

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1/20/2021

ics_user_17609



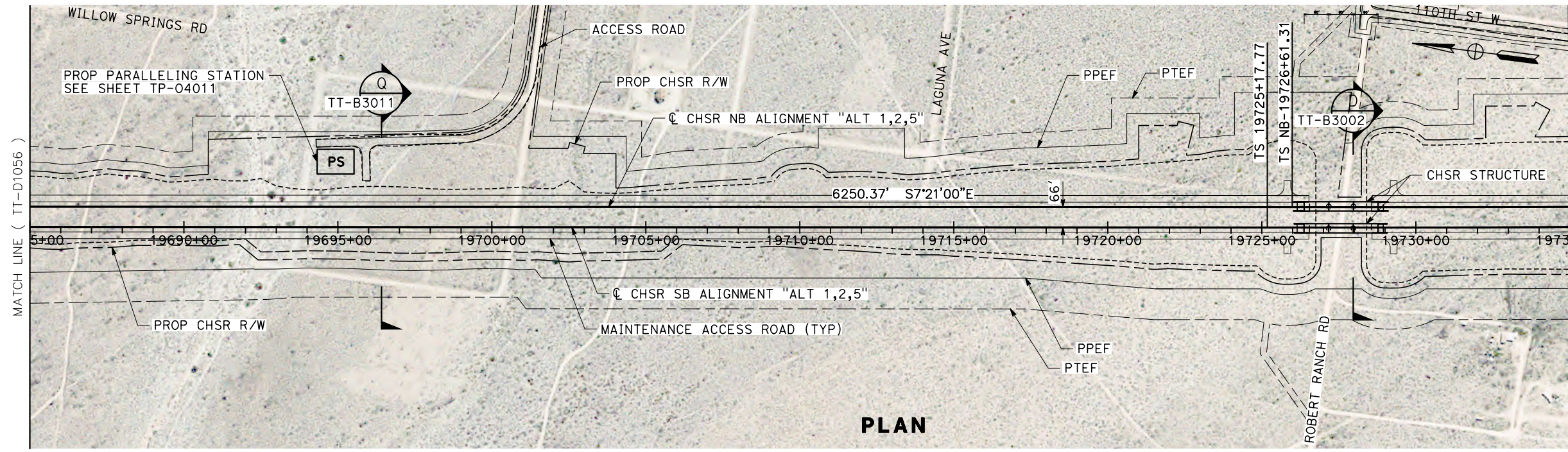
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REV	DATE	BY	CHK	APP	DESCRIPTION																							

Projects\701206_00_CHSRBP_00_CADD\Sheet Files\TT\BP-TT-D1057

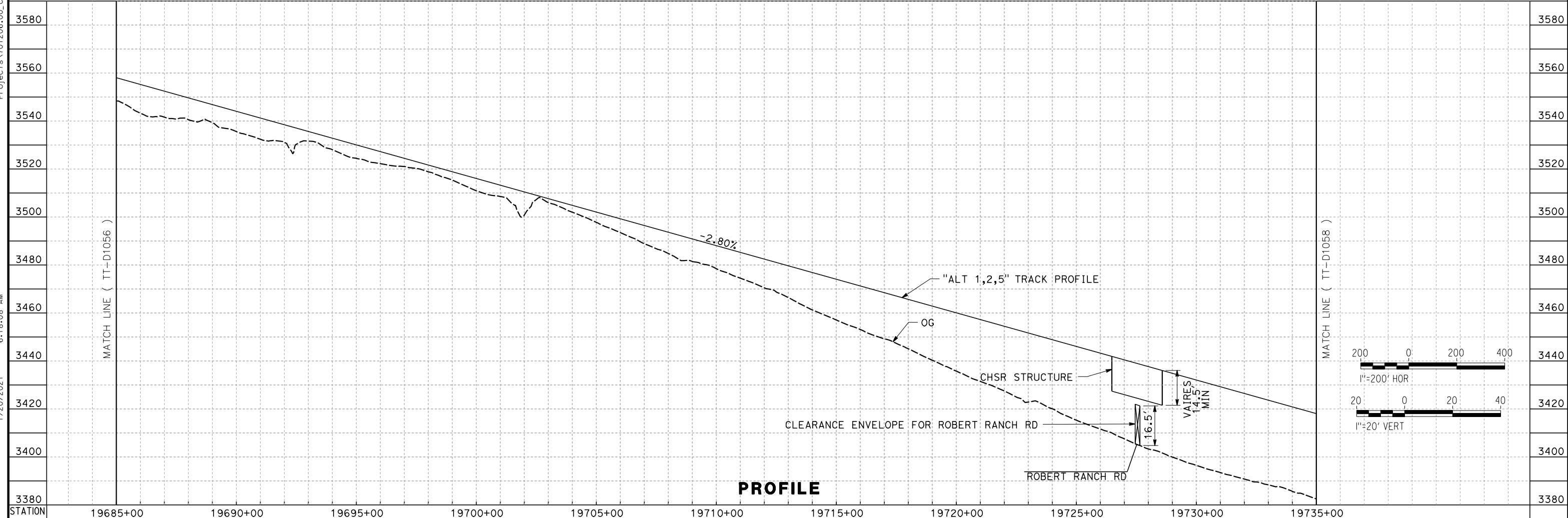
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1/20/2021

ics_user_17609



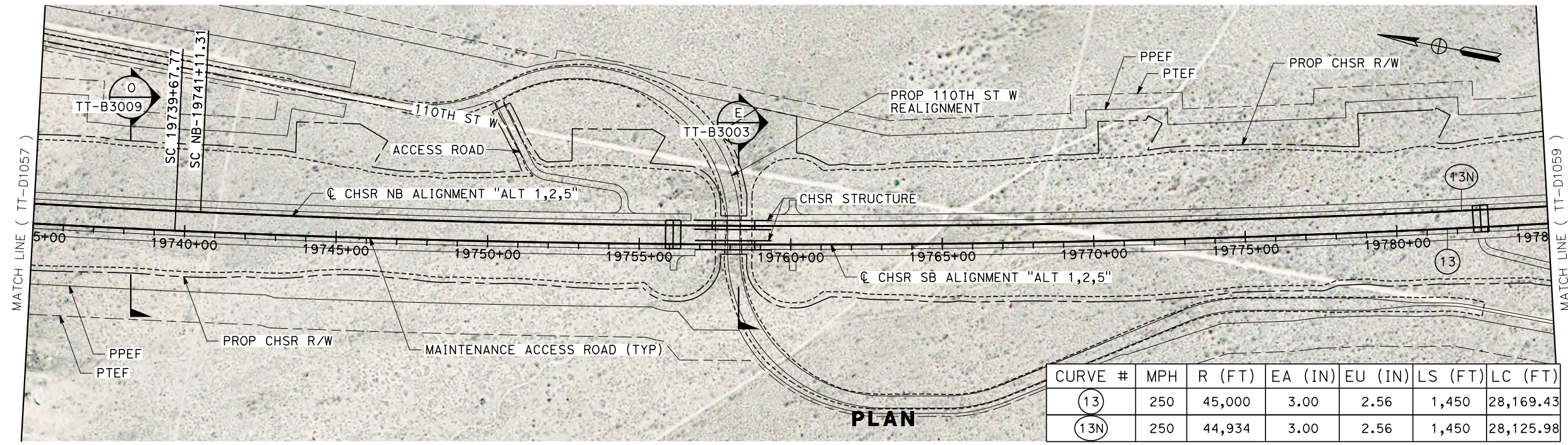
PLAN



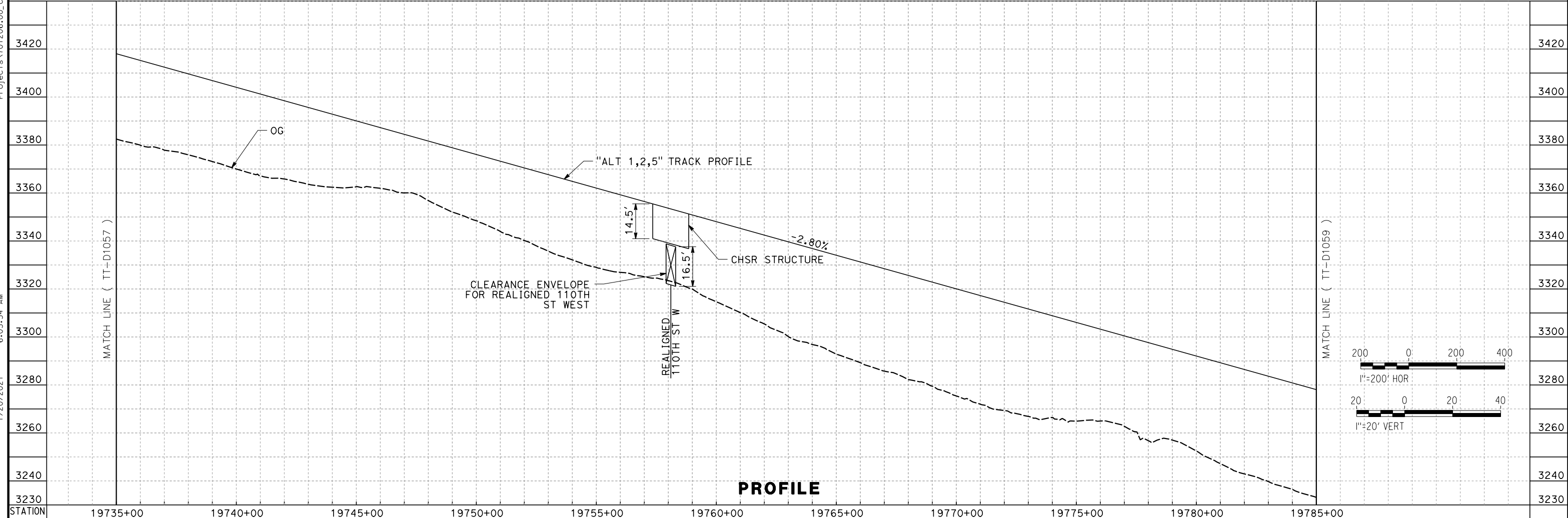
PROFILE

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DESIGNED BY A. CARSON	RECORD SET PEPD SUBMITTAL NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE ALTERNATIVE 1,2,5 TRACK GUIDEWAY STA 19685+00 TO 19735+00 PLAN AND PROFILE	CONTRACT NO. HSR13-44																												
DRAWN BY A. CARSON					DRAWING NO. TT-D1057																												
CHECKED BY S. LANDOLT					SCALE AS SHOWN																												
IN CHARGE G. CAMPBELL					SHEET NO. 117																												
REV	DATE	BY	CHK	APP	DESCRIPTION																												
<table border="1"> <tr> <td>DESIGNED BY A. CARSON</td> <td>DATE 01/29/2021</td> </tr> </table>					DESIGNED BY A. CARSON	DATE 01/29/2021	<table border="1"> <tr> <td>STATION</td> <td>19685+00</td> <td>19690+00</td> <td>19695+00</td> <td>19700+00</td> <td>19705+00</td> <td>19710+00</td> <td>19715+00</td> <td>19720+00</td> <td>19725+00</td> <td>19730+00</td> <td>19735+00</td> </tr> </table>					STATION	19685+00	19690+00	19695+00	19700+00	19705+00	19710+00	19715+00	19720+00	19725+00	19730+00	19735+00										
DESIGNED BY A. CARSON	DATE 01/29/2021																																
STATION	19685+00	19690+00	19695+00	19700+00	19705+00	19710+00	19715+00	19720+00	19725+00	19730+00	19735+00																						

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(13N)	250	44,934	3.00	2.56	1,450	28,125.98



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 TRACK GUIDEWAY
 STA 19735+00 TO 19785+00
 PLAN AND PROFILE

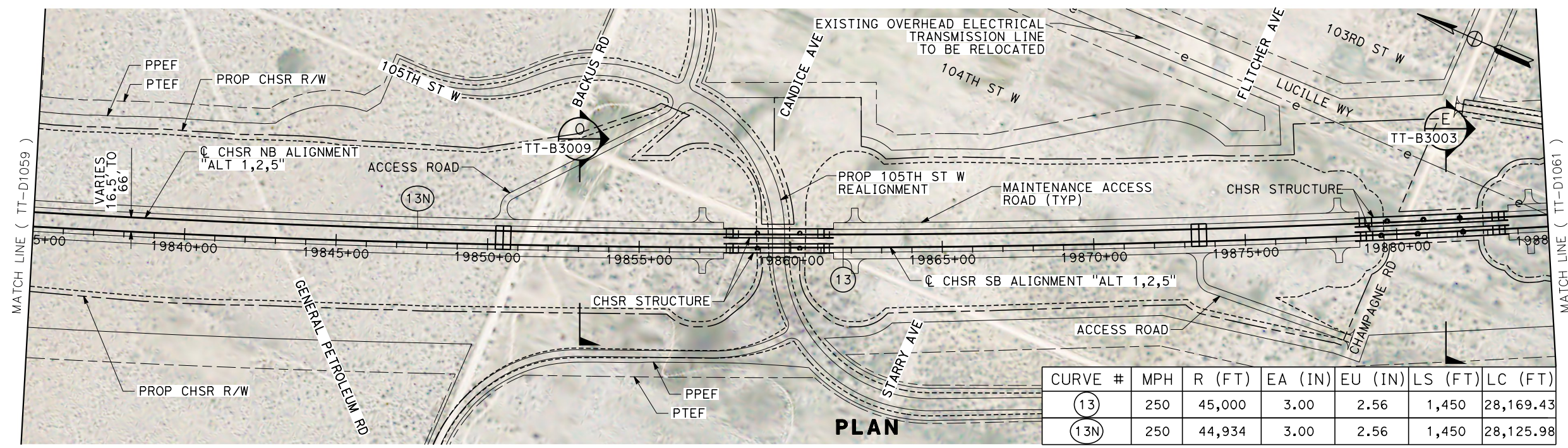
CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1058

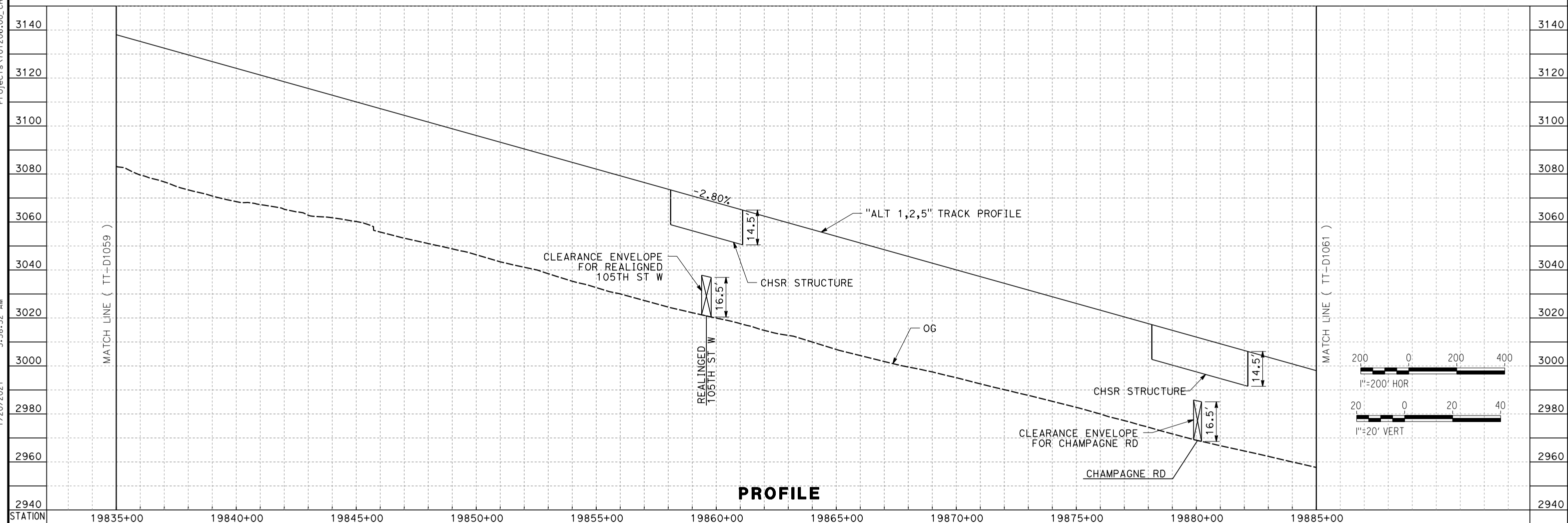
SCALE
AS SHOWN

SHEET NO.
118

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 jcs_user_17609



CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
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(13N)	250	44,934	3.00	2.56	1,450	28,125.98



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**

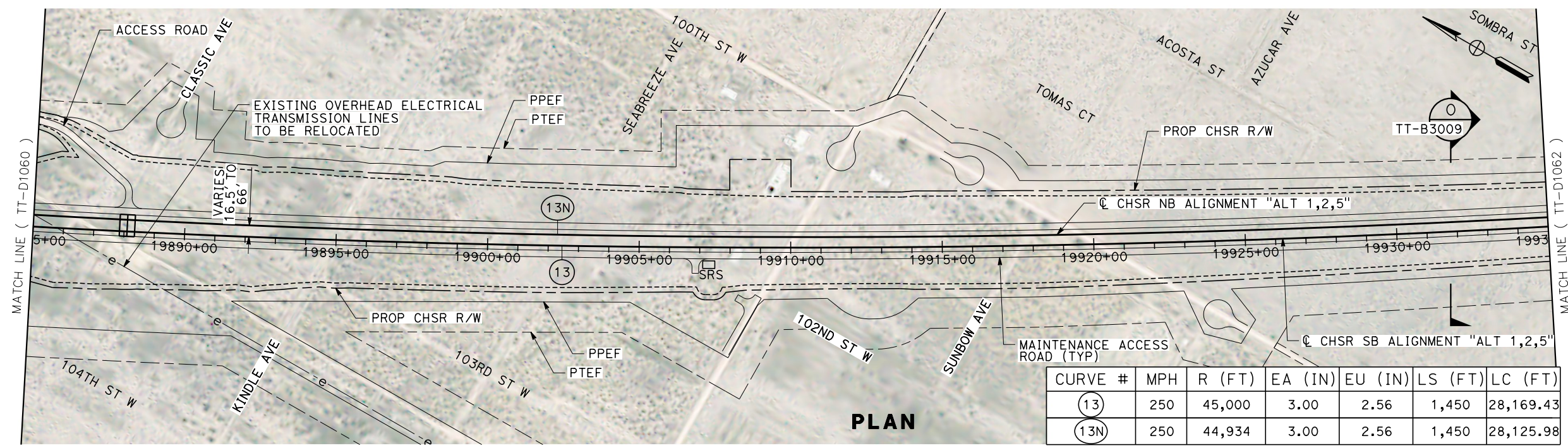


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**

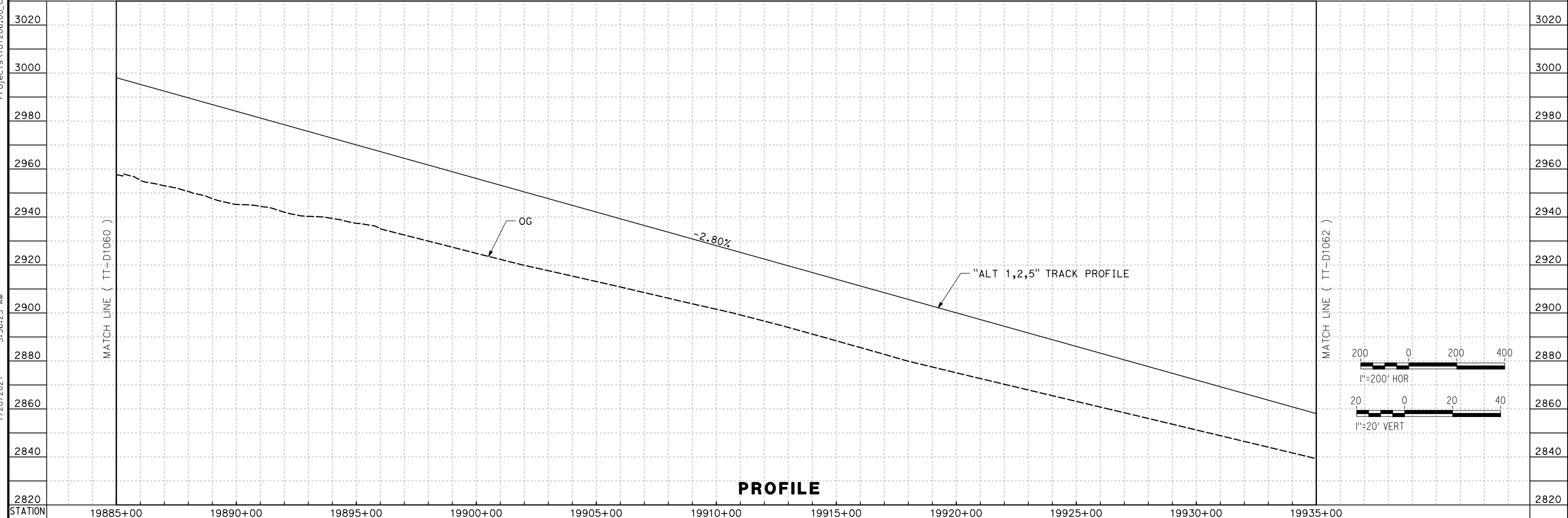
ALTERNATIVE 1,2,5
 TRACK GUIDEWAY
 STA 19835+00 TO 19885+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1060
 SCALE
AS SHOWN
 SHEET NO.
120

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CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
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(13N)	250	44,934	3.00	2.56	1,450	28,125.98



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

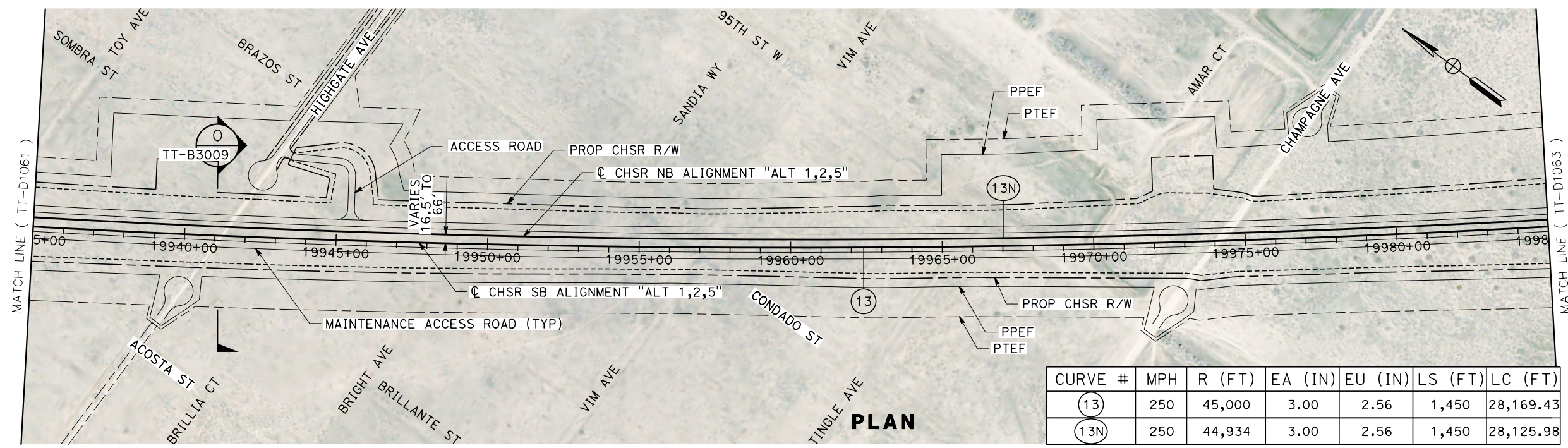
NOT FOR
CONSTRUCTION



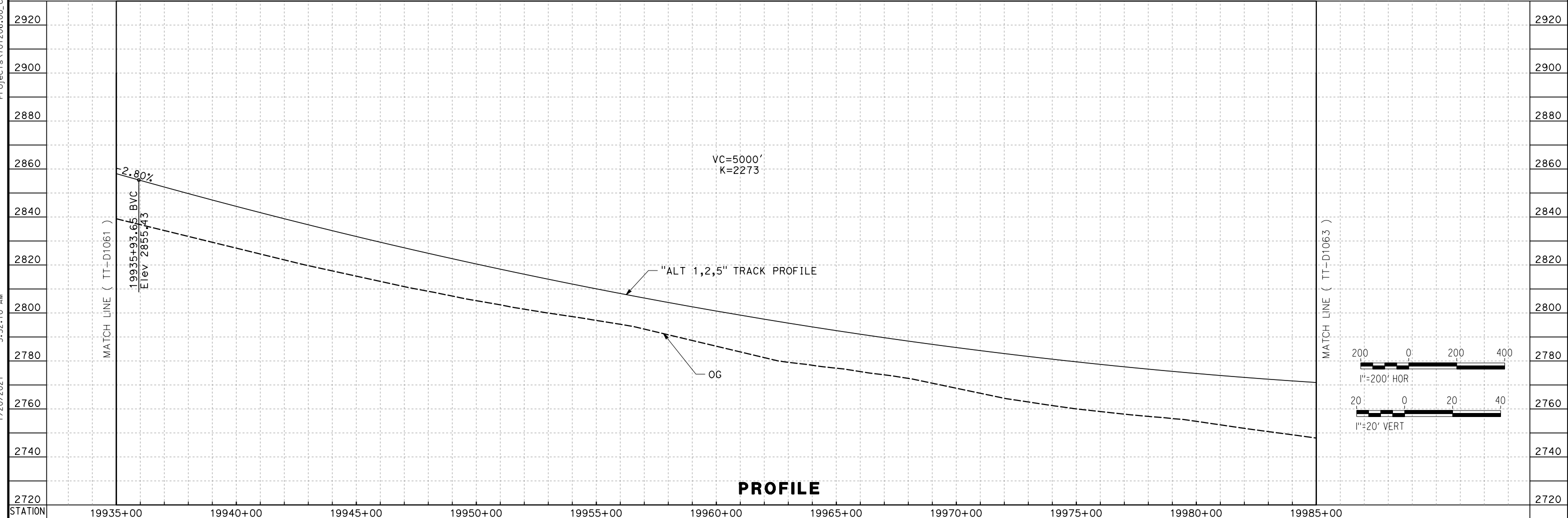
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,5
 TRACK GUIDEWAY
 STA 19885+00 TO 19935+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1061
 SCALE
AS SHOWN
 SHEET NO.
121

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CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
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(13N)	250	44,934	3.00	2.56	1,450	28,125.98



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 TRACK GUIDEWAY
 STA 19935+00 TO 19985+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1062

SCALE
AS SHOWN

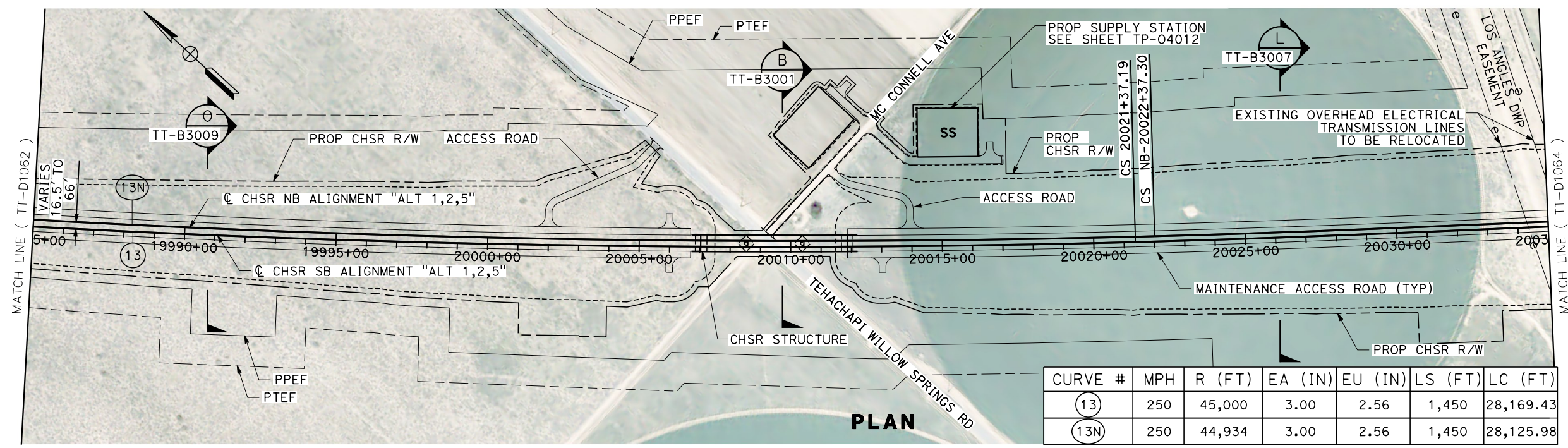
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122

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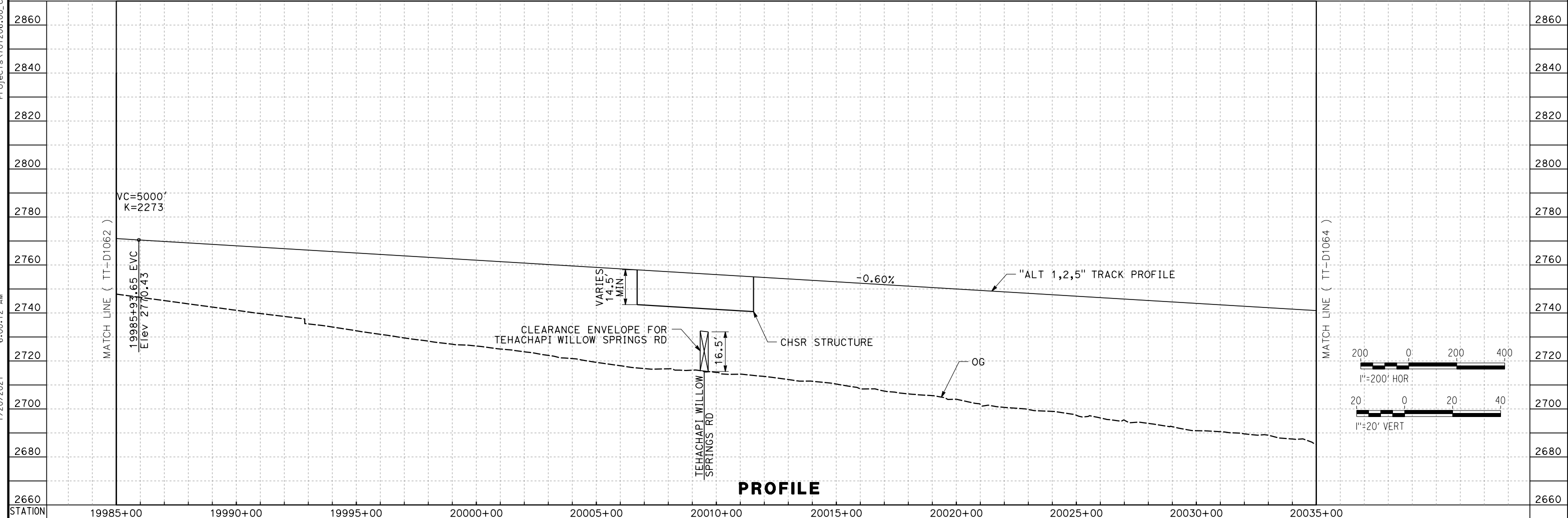
1/20/2021

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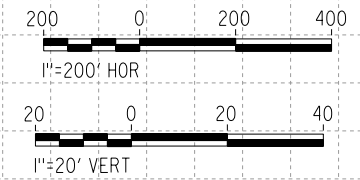


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(13)	250	45,000	3.00	2.56	1,450	28,169.43
(13N)	250	44,934	3.00	2.56	1,450	28,125.98

PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
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
TRACK GUIDEWAY
STA 1985+00 TO 2035+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1063

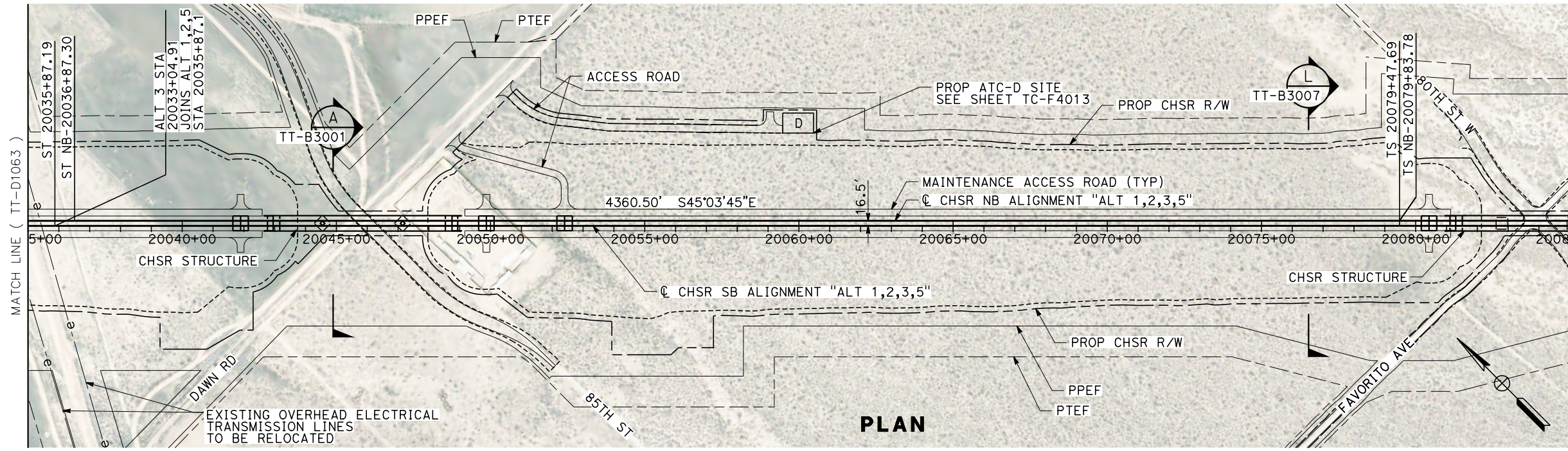
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AS SHOWN

SHEET NO.
123

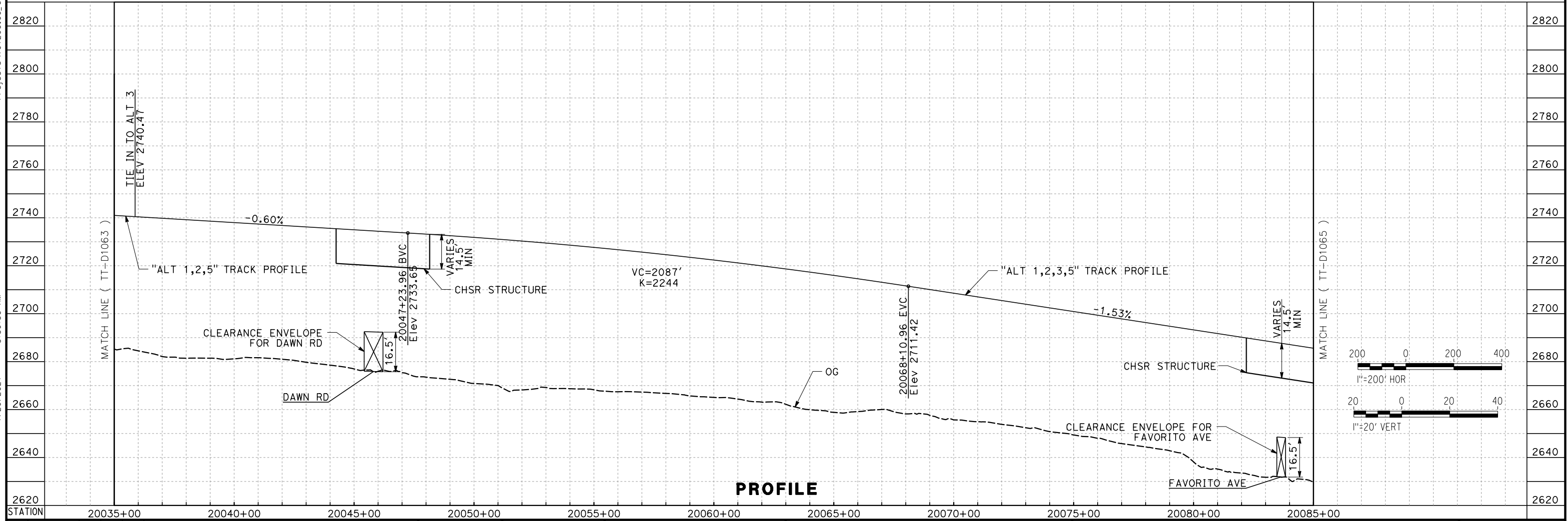
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5:59:56 AM

1/20/2021



PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
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
TRACK GUIDEWAY
STA 20035+00 TO 20085+00
PLAN AND PROFILE

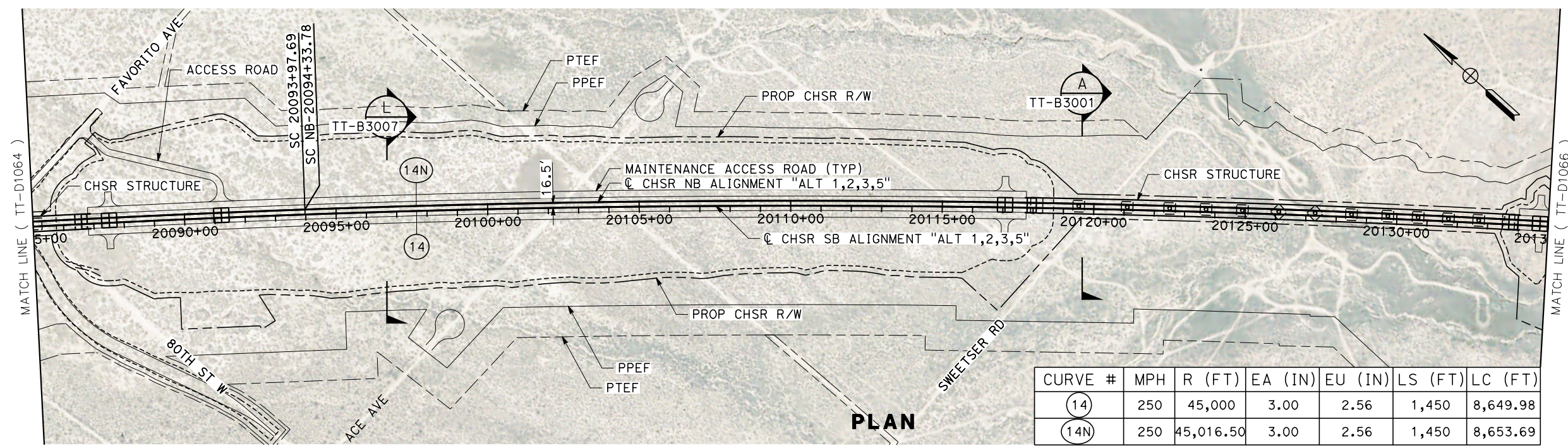
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HSR13-44
DRAWING NO.
TT-D1064
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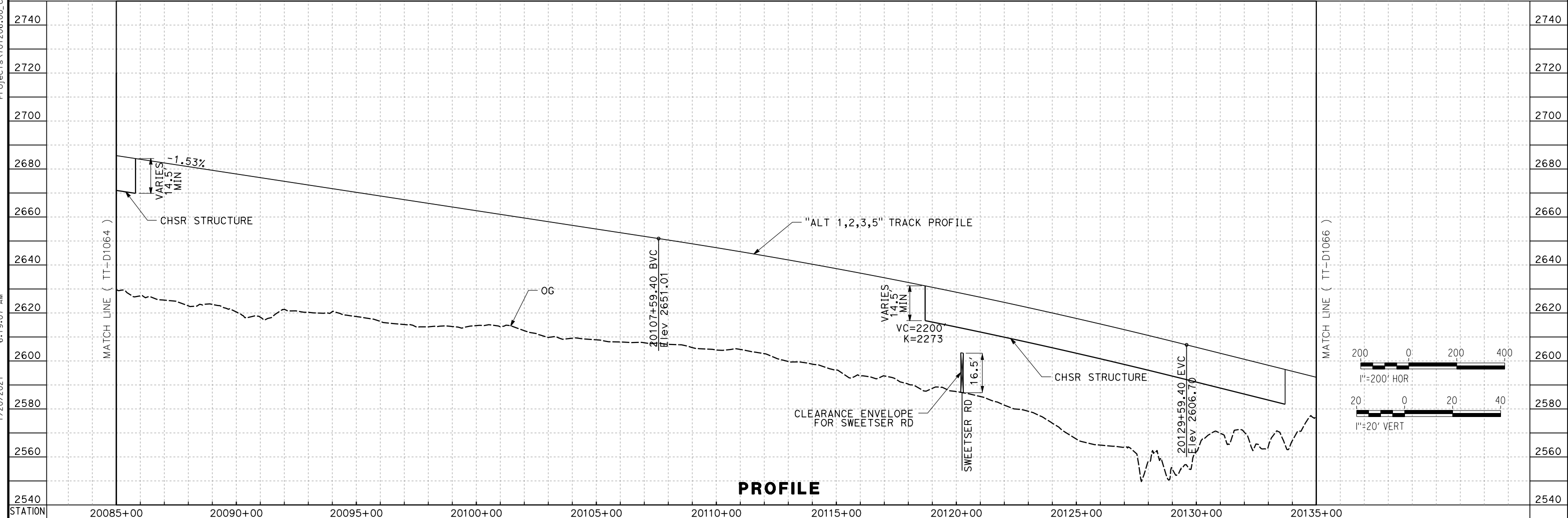
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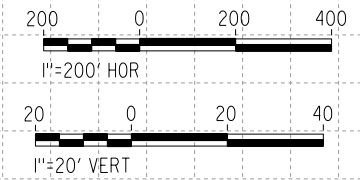


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(14N)	250	45,016.50	3.00	2.56	1,450	8,653.69

PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
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
TRACK GUIDEWAY
STA 20085+00 TO 20135+00
PLAN AND PROFILE

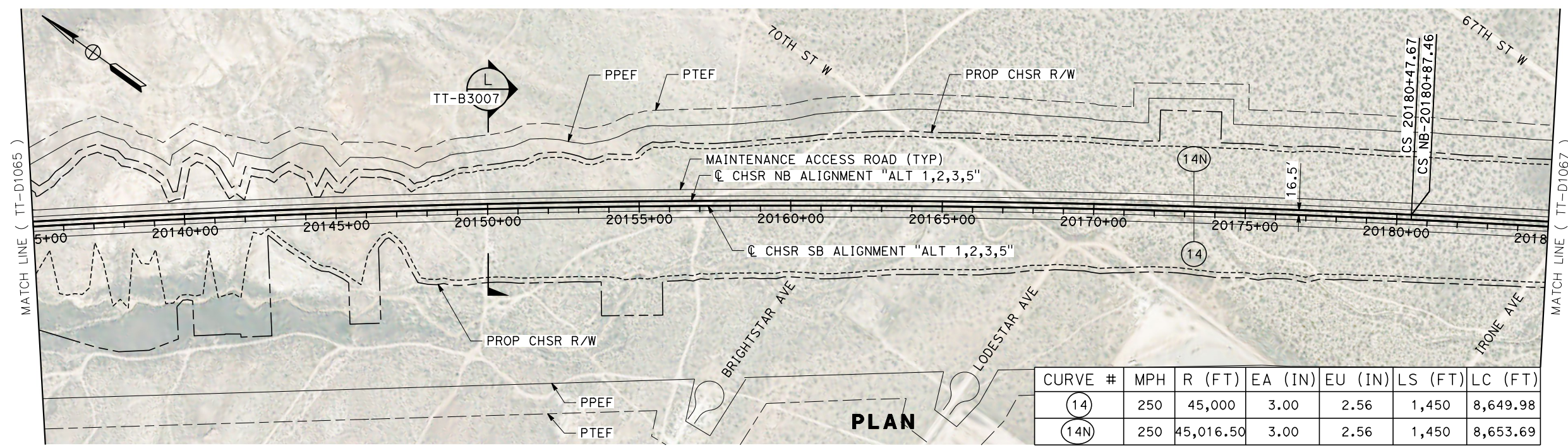
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HSR13-44
DRAWING NO.
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AS SHOWN
SHEET NO.
125

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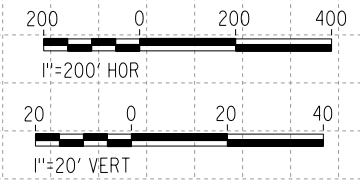
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1/20/2021

ics_user_17609



CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
(14)	250	45,000	3.00	2.56	1,450	8,649.98
(14N)	250	45,016.50	3.00	2.56	1,450	8,653.69



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
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
TRACK GUIDEWAY
STA 20135+00 TO 20185+00
PLAN AND PROFILE

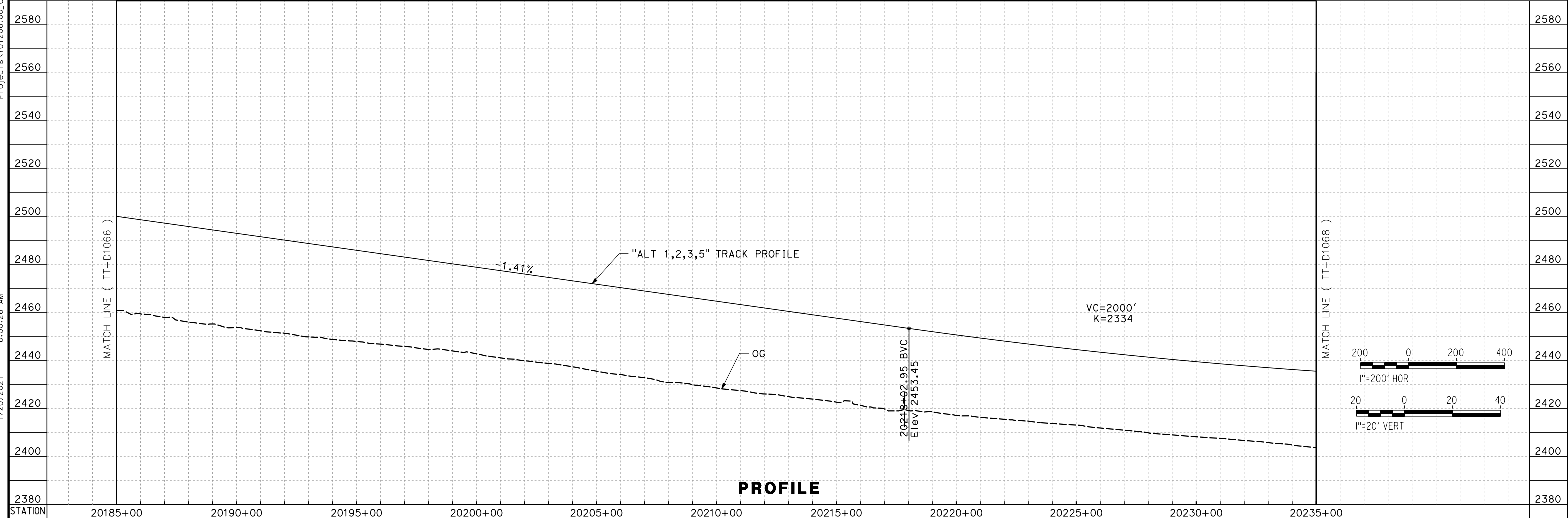
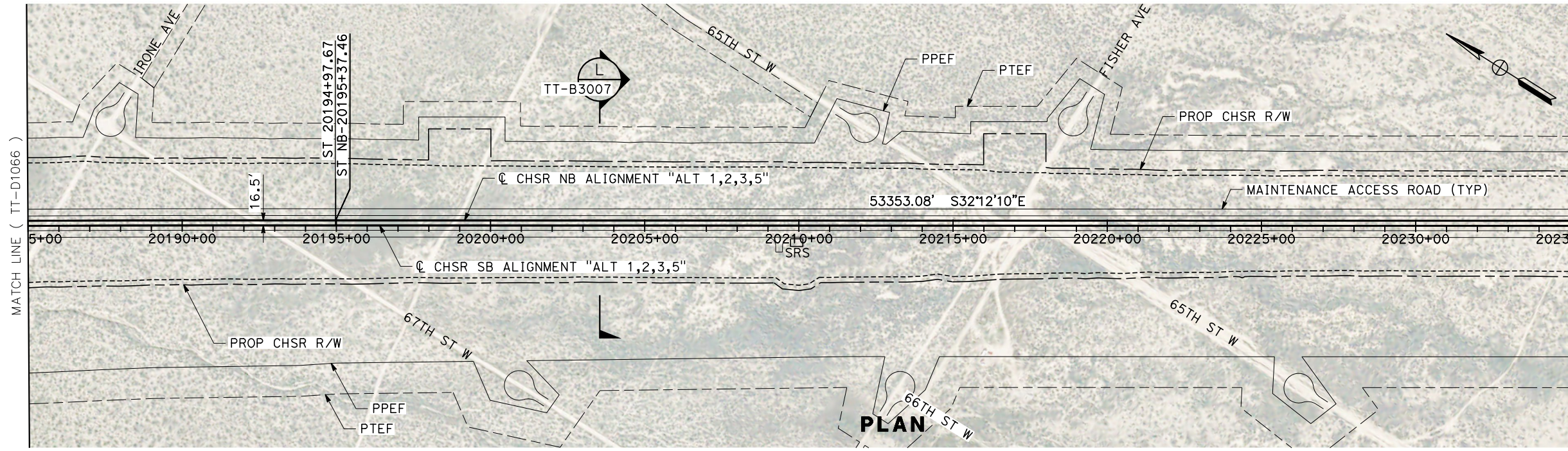
CONTRACT NO.
HSR13-44
DRAWING NO.
TT-D1066
SCALE
AS SHOWN
SHEET NO.
126

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1/20/2021

ics_user_17609



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

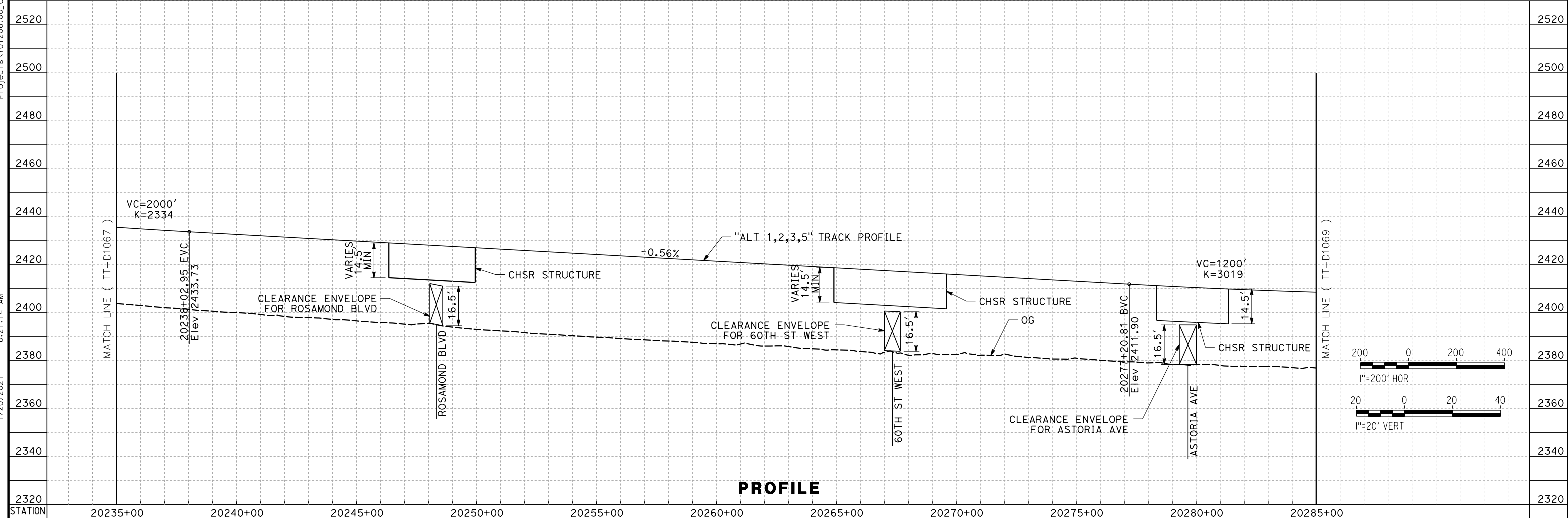
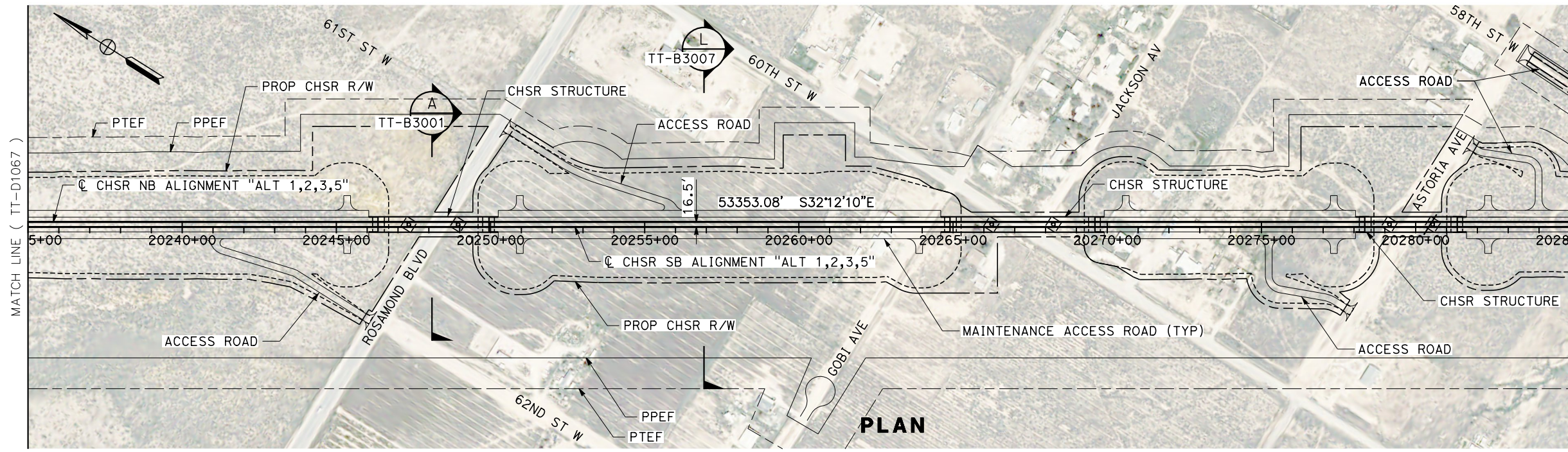


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

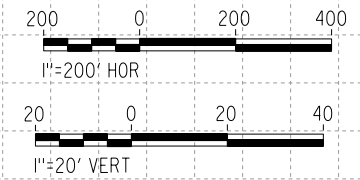
ALTERNATIVE 1,2,3,5
TRACK GUIDEWAY
STA 20185+00 TO 20235+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
TT-D1067
SCALE
AS SHOWN
SHEET NO.
127

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 1/20/2021
 jcs_user_17609



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 TRACK GUIDEWAY
 STA 20235+00 TO 20285+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1068

SCALE
AS SHOWN

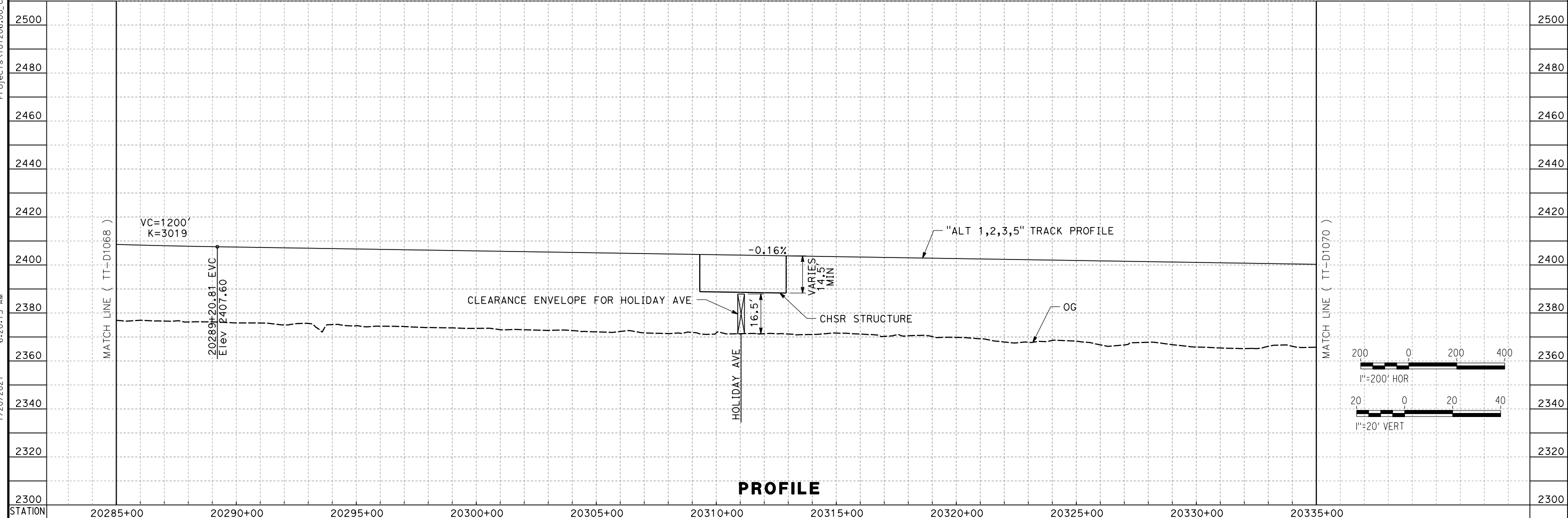
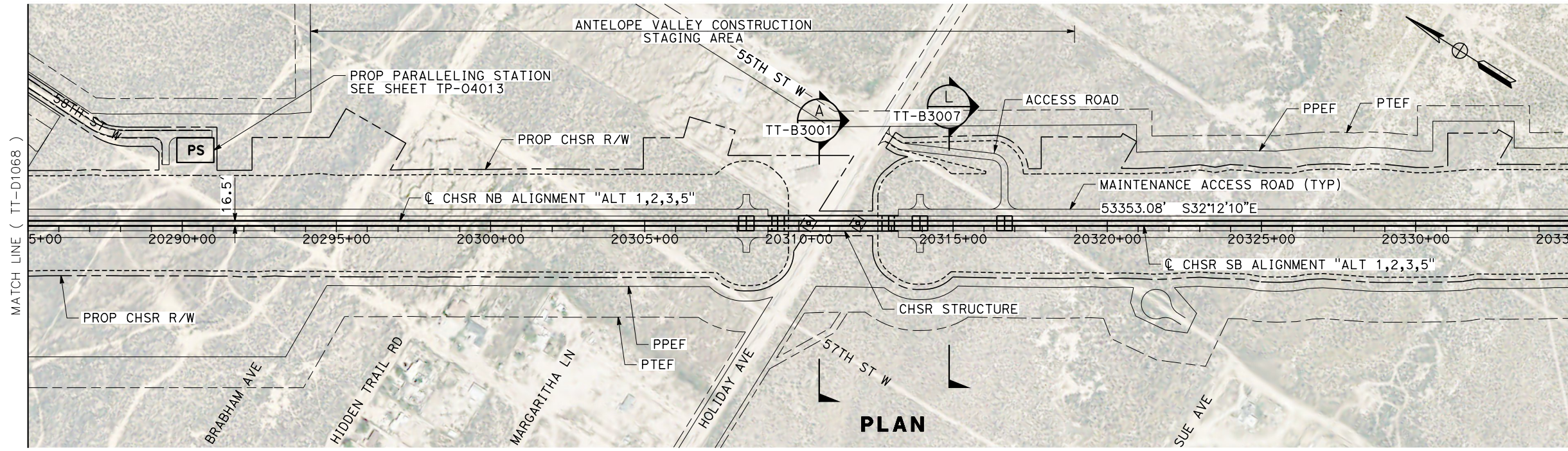
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128

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1/20/2021

ics_user_17609



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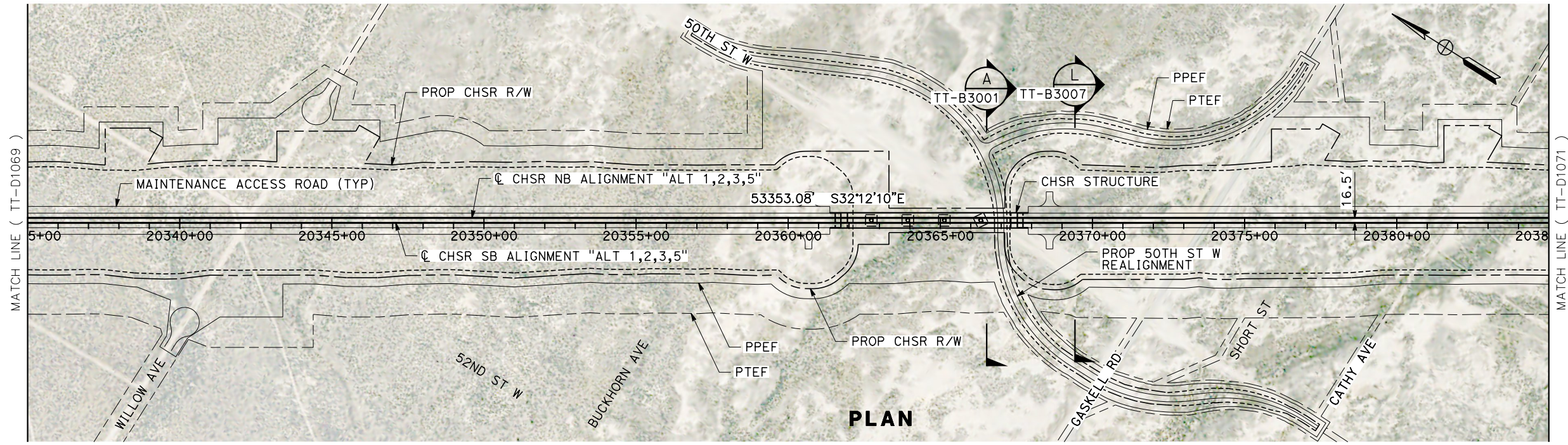
DESIGNED BY A. CARSON DRAWN BY A. CARSON CHECKED BY S. LANDOLT IN CHARGE G. CAMPBELL DATE 01/29/2021	RECORD SET PEPD SUBMITTAL NOT FOR CONSTRUCTION	TYLINT INTERNATIONAL	 CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE ALTERNATIVE 1,2,3,5 TRACK GUIDEWAY STA 20285+00 TO 20335+00 PLAN AND PROFILE	CONTRACT NO. HSR13-44 DRAWING NO. TT-D1069 SCALE AS SHOWN SHEET NO. 129
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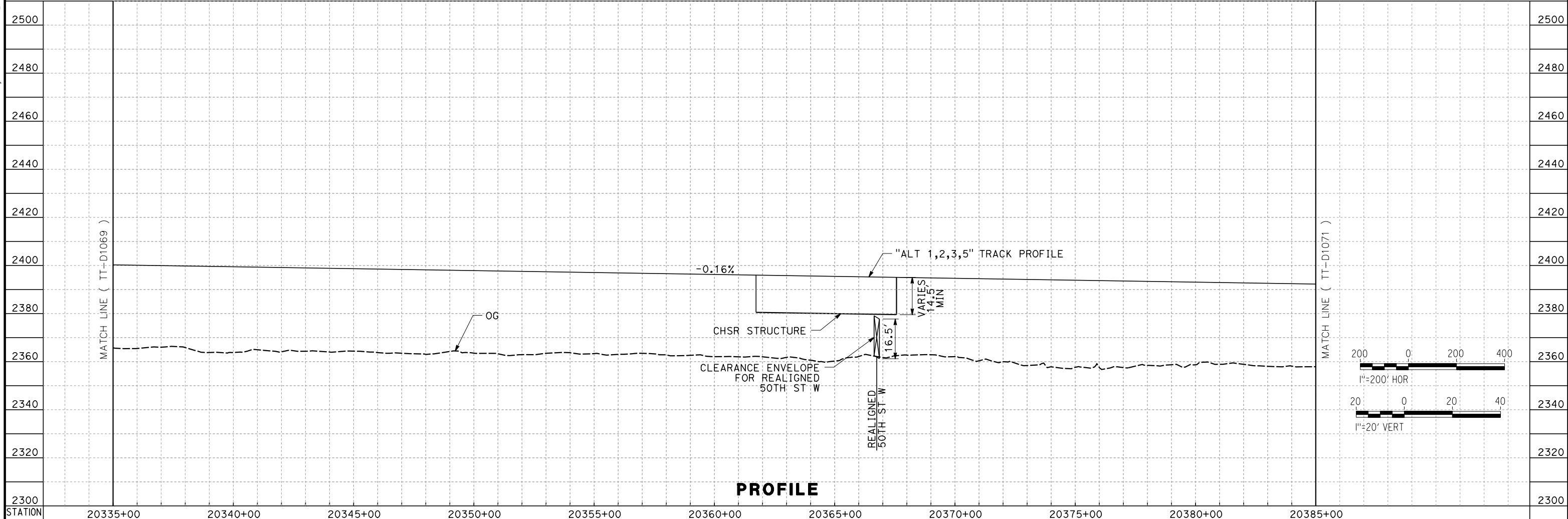
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1/20/2021

jcs_user_17609



PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
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
TRACK GUIDEWAY
STA 20335+00 TO 20385+00
PLAN AND PROFILE

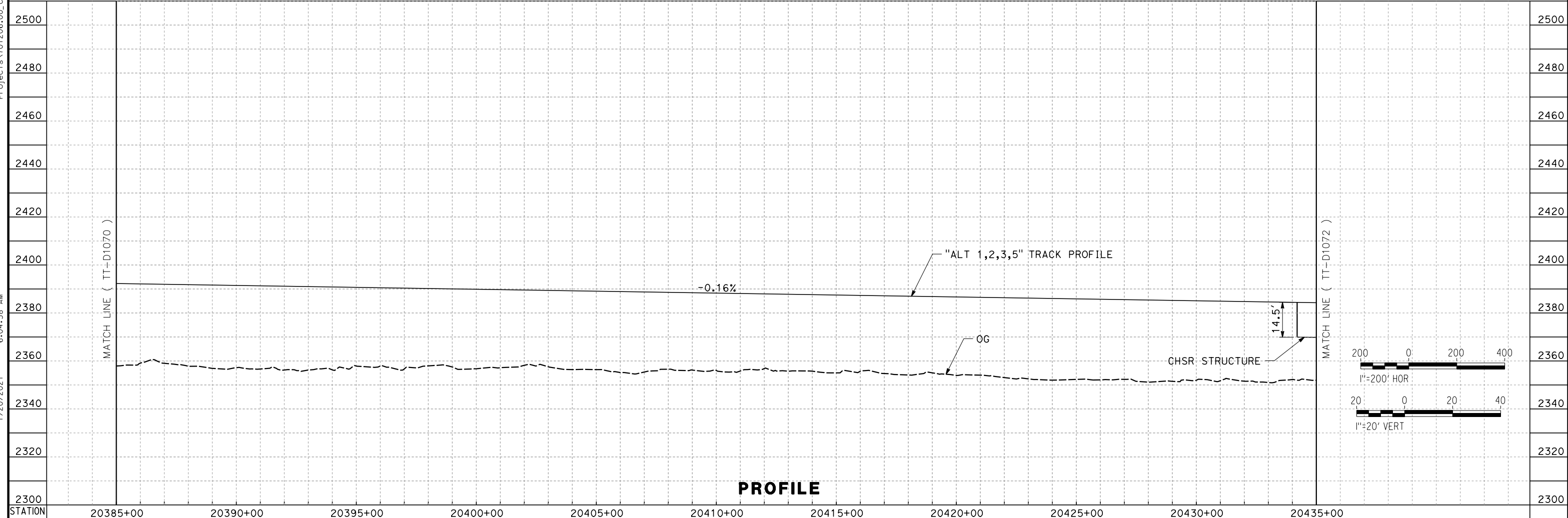
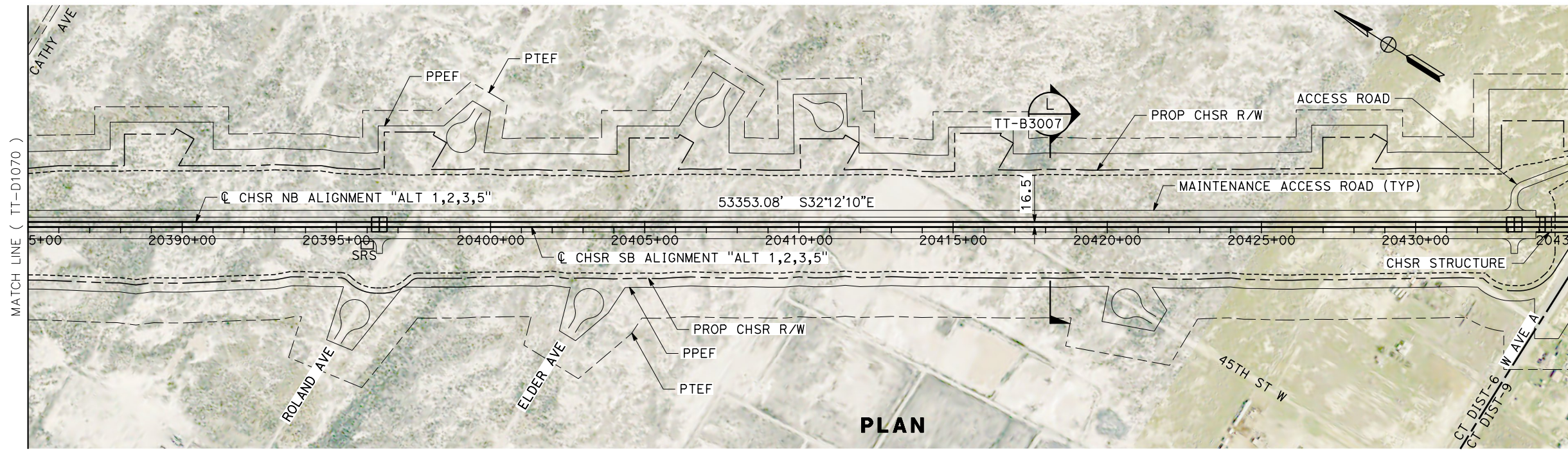
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HSR13-44

DRAWING NO.
TT-D1070

SCALE
AS SHOWN

SHEET NO.
130

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 1/20/2021
 jcs_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 TRACK GUIDEWAY
 STA 20385+00 TO 20435+00
 PLAN AND PROFILE

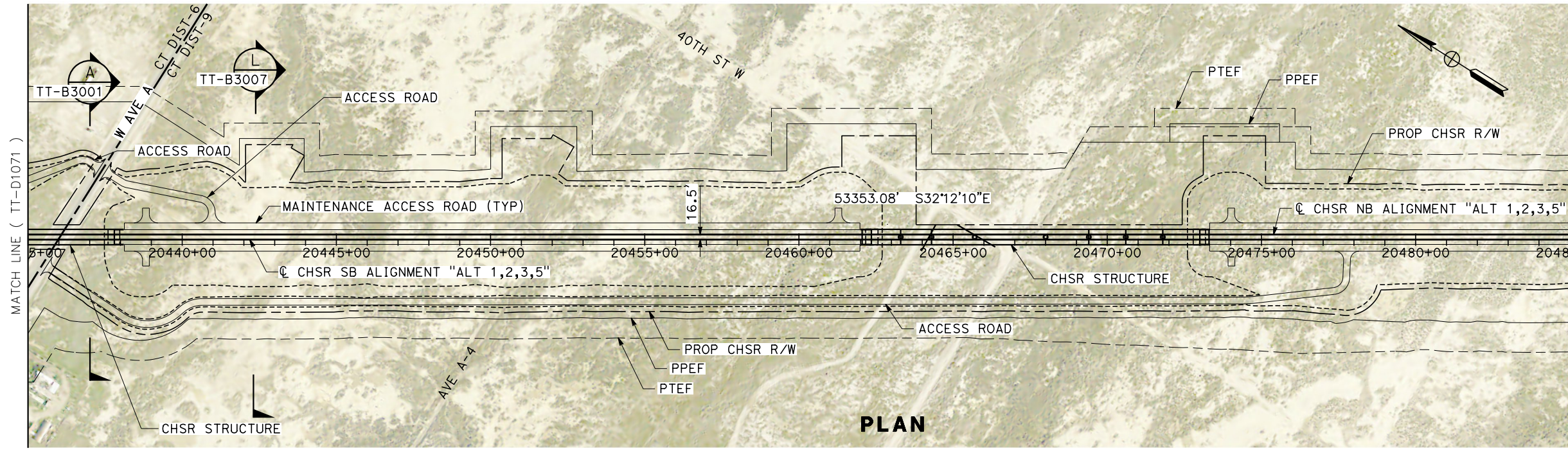
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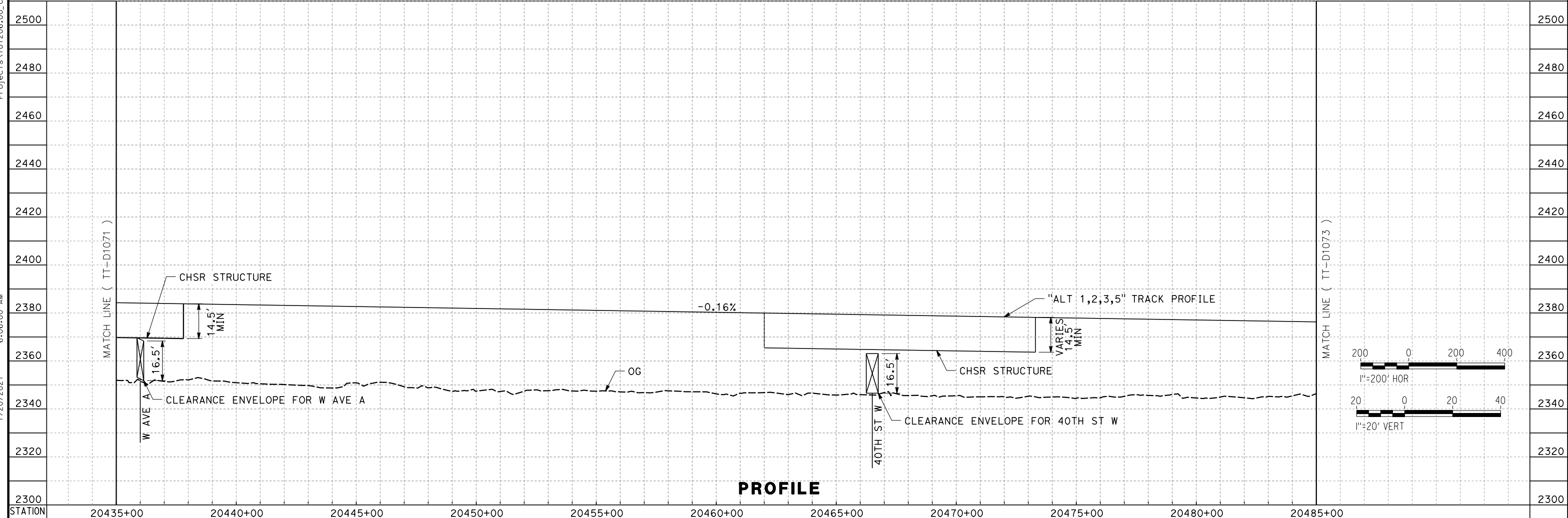
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1/20/2021

ics_user_17609



PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

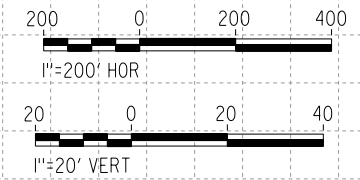
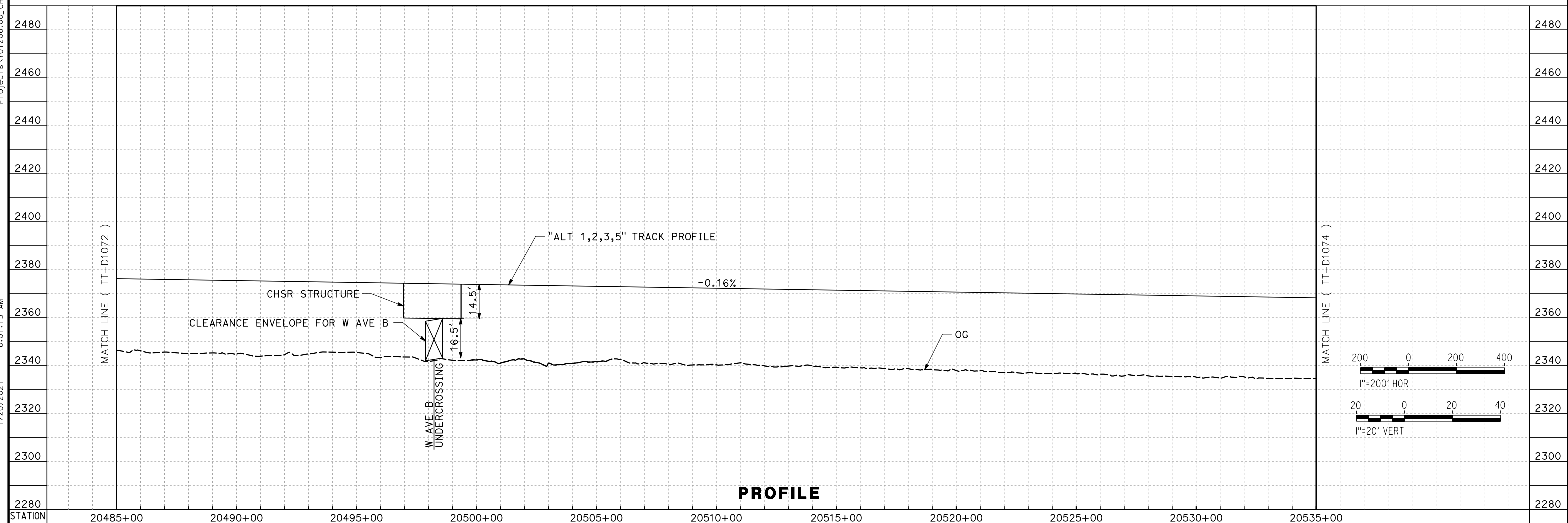
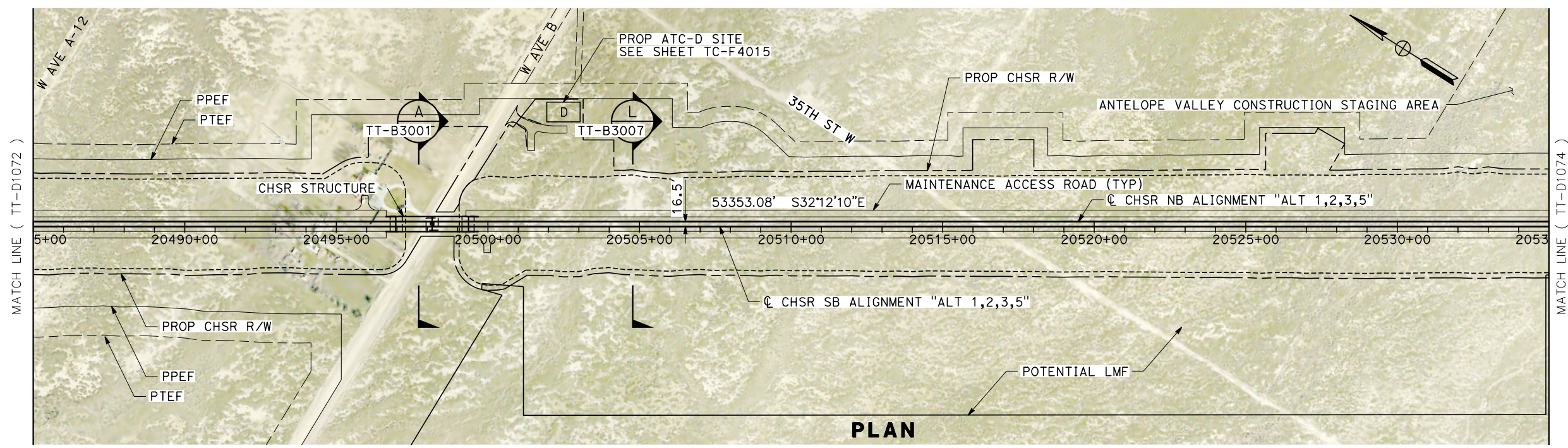


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
TRACK GUIDEWAY
STA 20435+00 TO 20485+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
TT-D1072
SCALE
AS SHOWN
SHEET NO.
132

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 jcs_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

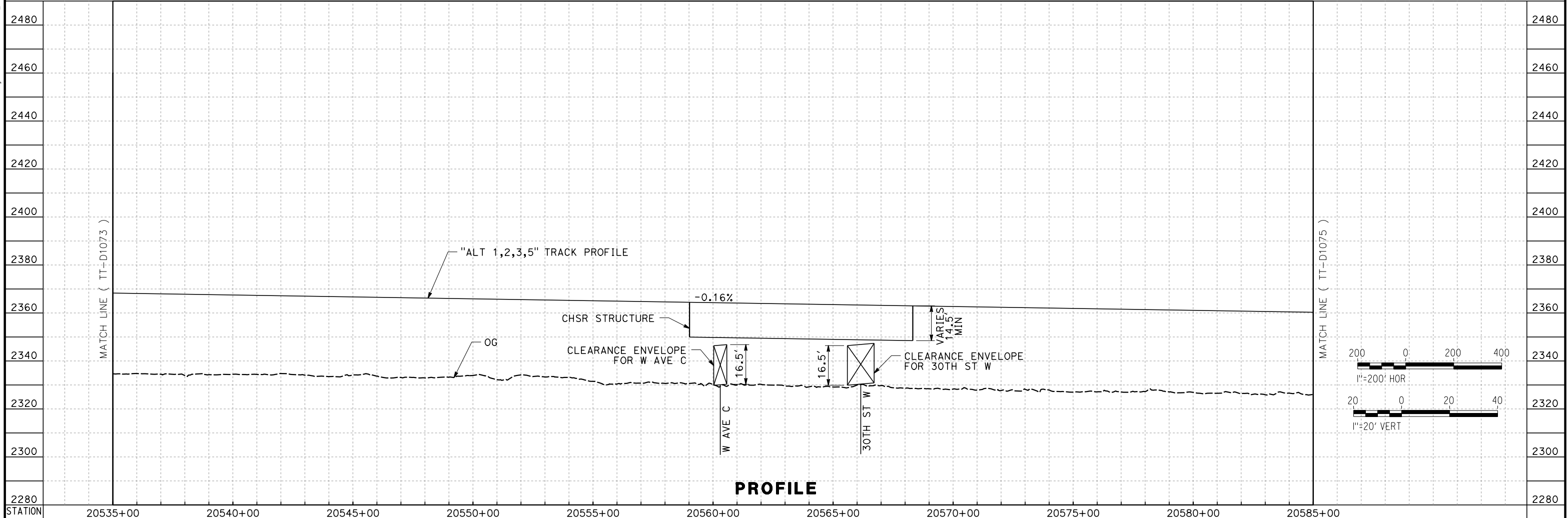
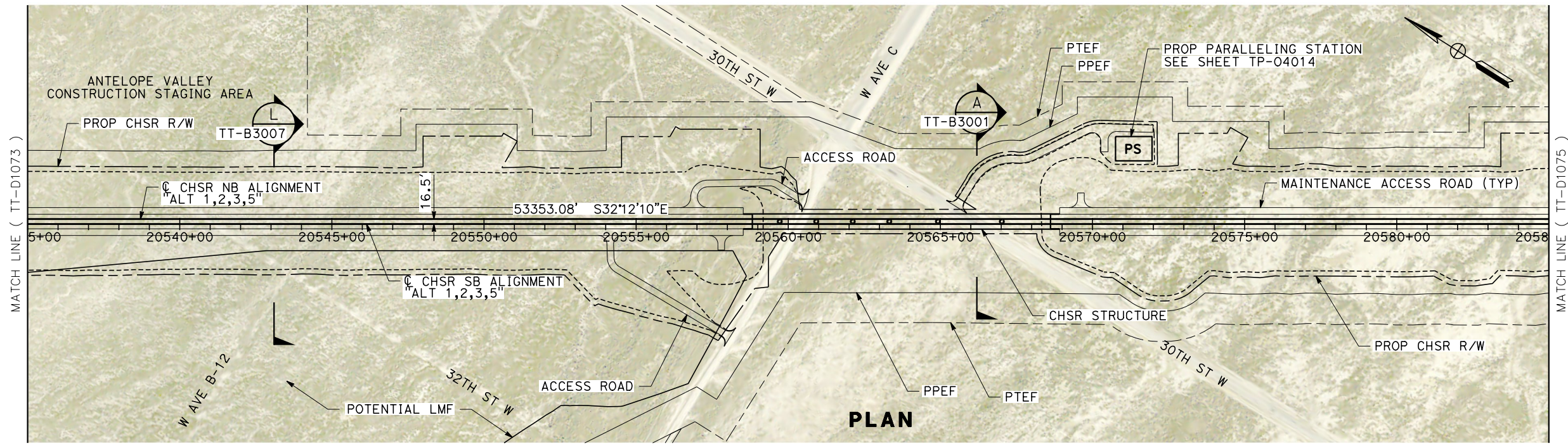
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 TRACK GUIDEWAY
 STA 20485+00 TO 20535+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1073
 SCALE
AS SHOWN
 SHEET NO.
133

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 6:23:19 AM
 1/20/2021
 jcs_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
 PEPD
 SUBMITTAL**

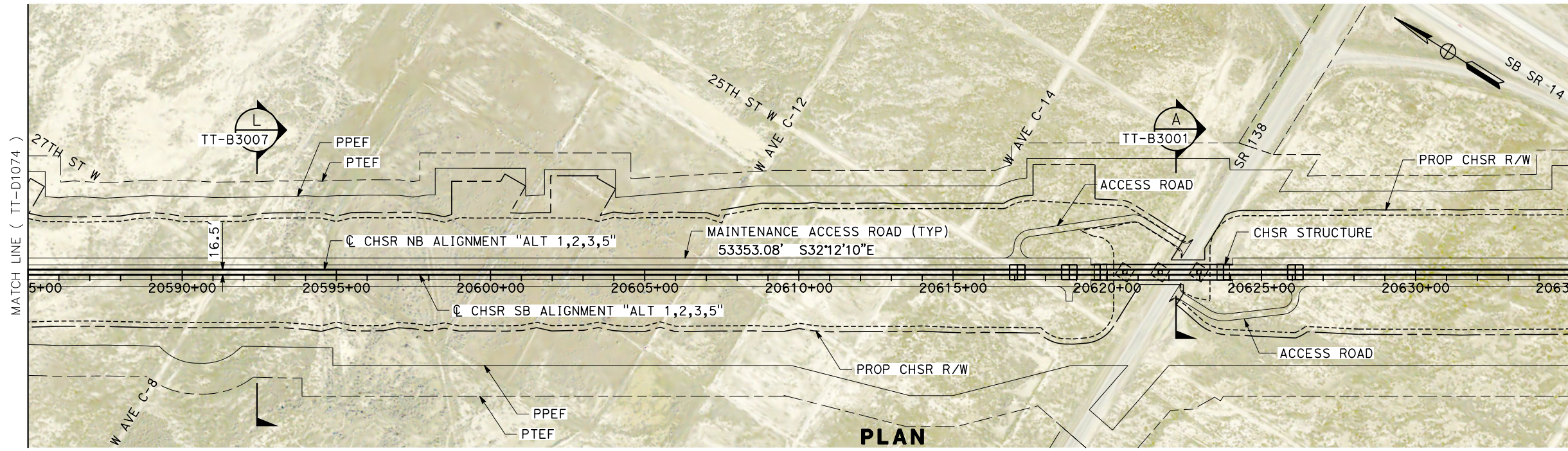
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 CONSTRUCTION**



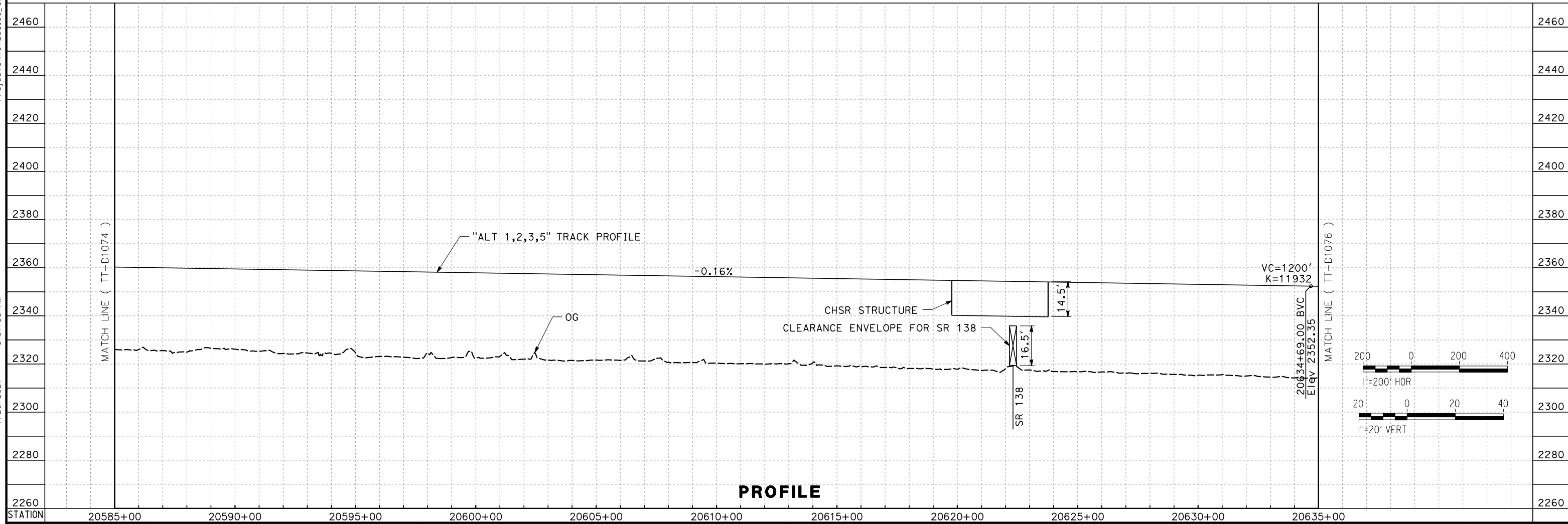
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 ALTERNATIVE 1,2,3,5
 TRACK GUIDEWAY
 STA 20535+00 TO 20585+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1074
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AS SHOWN
 SHEET NO.
134

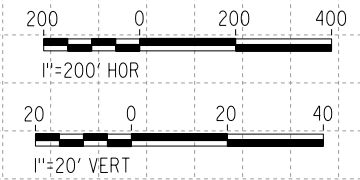
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 jcs_user_17609



PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 TRACK GUIDEWAY
 STA 20585+00 TO 20635+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1075

SCALE
AS SHOWN

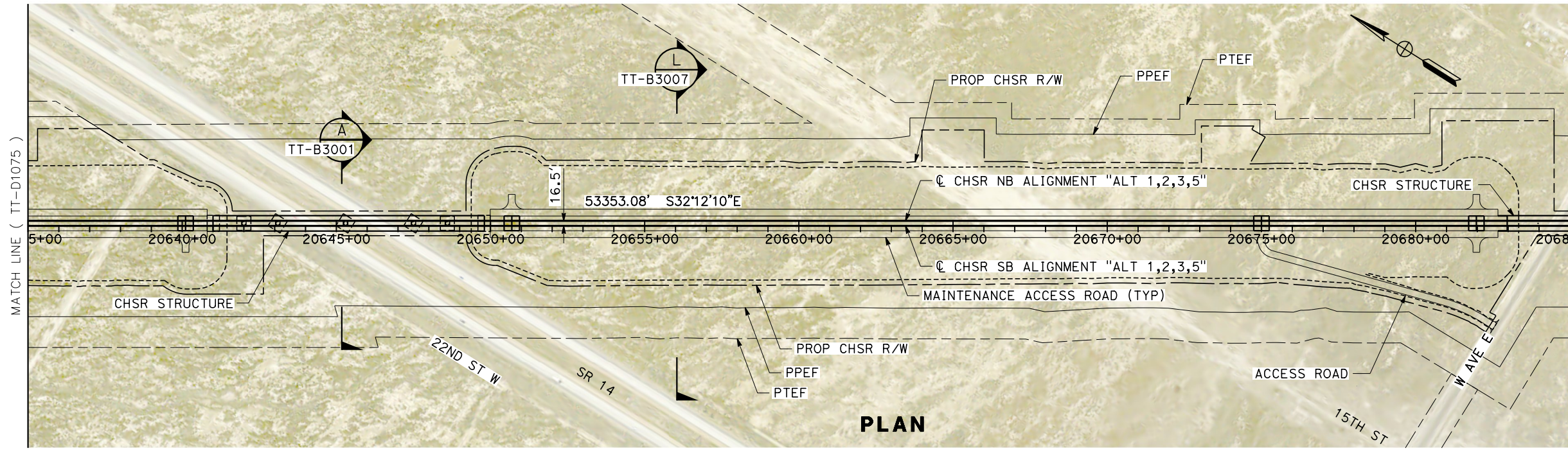
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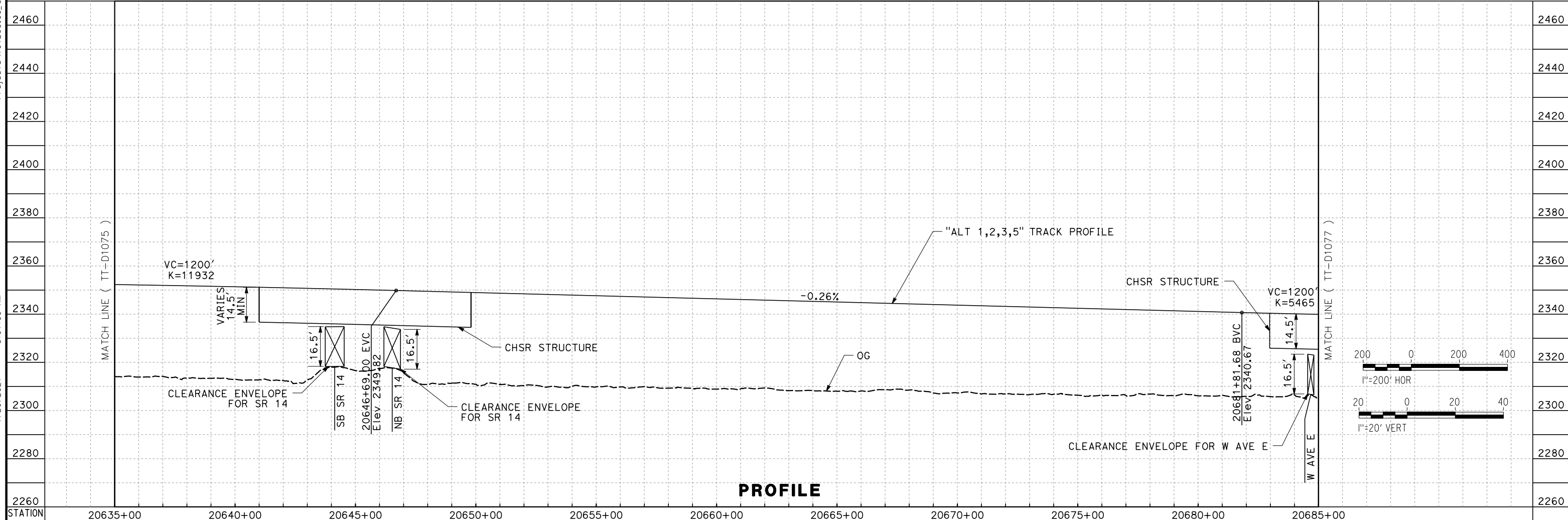
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1/20/2021

ics_user_17609



PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
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
TRACK GUIDEWAY
STA 20635+00 TO 20685+00
PLAN AND PROFILE

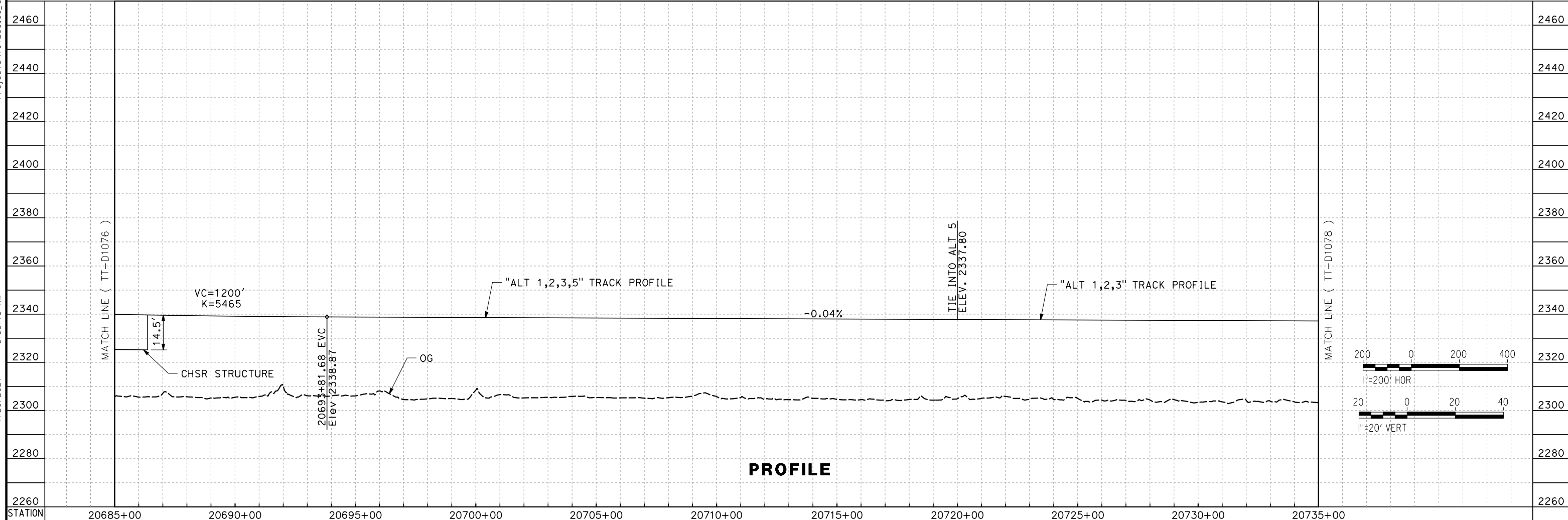
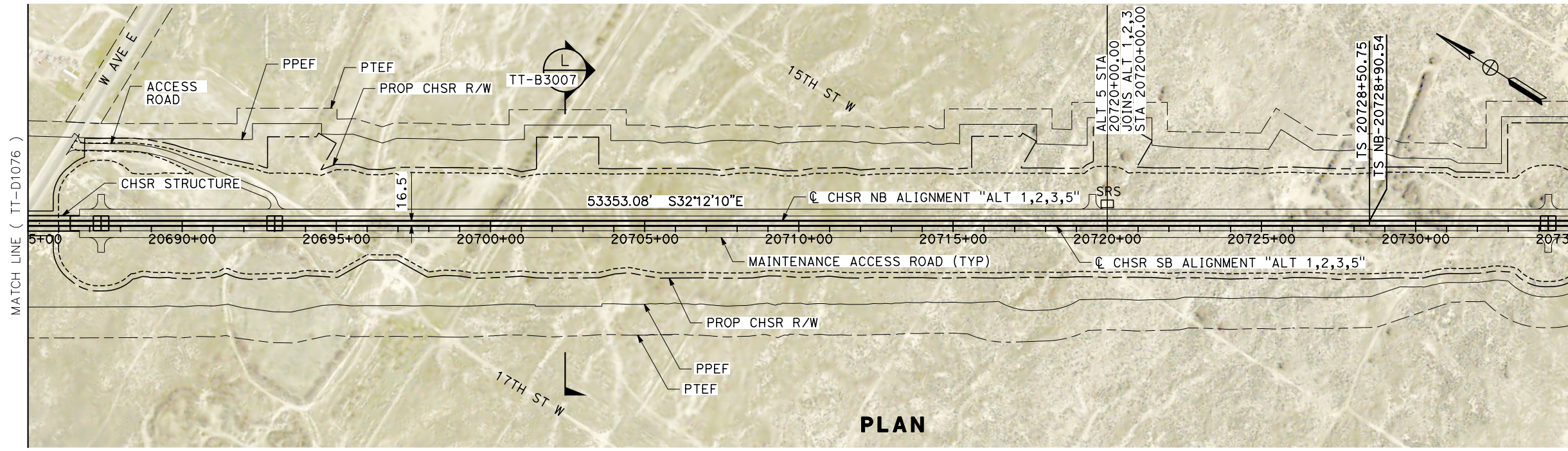
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HSR13-44
DRAWING NO.
TT-D1076
SCALE
AS SHOWN
SHEET NO.
136

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5:53:12 AM

1/20/2021

ics_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
PEPD
SUBMITTAL**

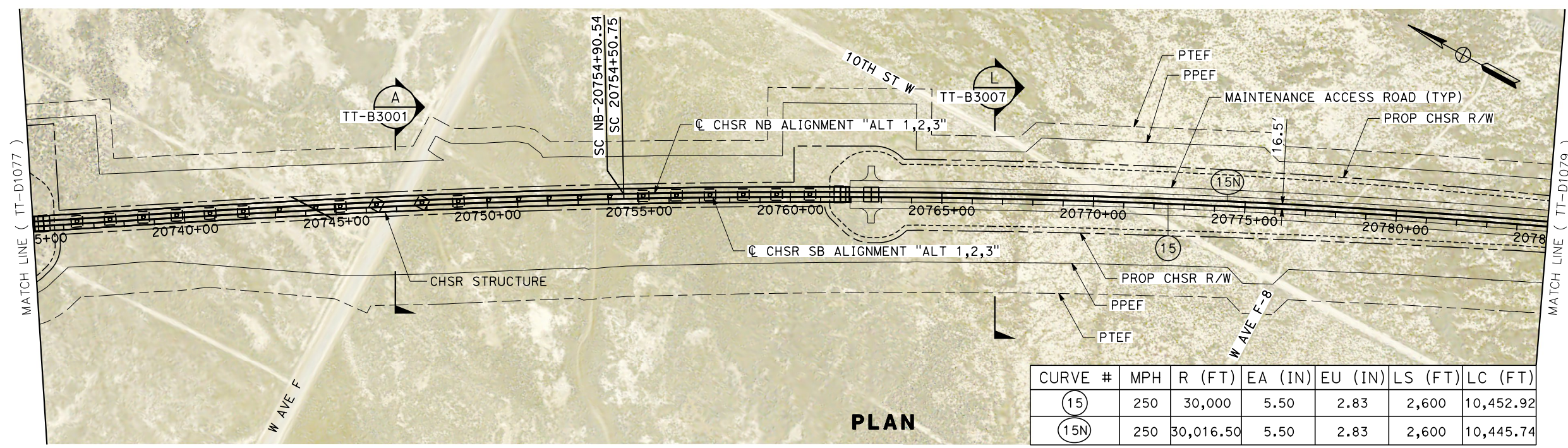
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CONSTRUCTION**



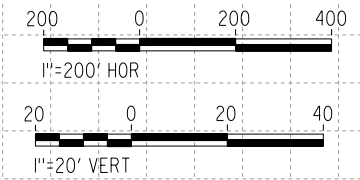
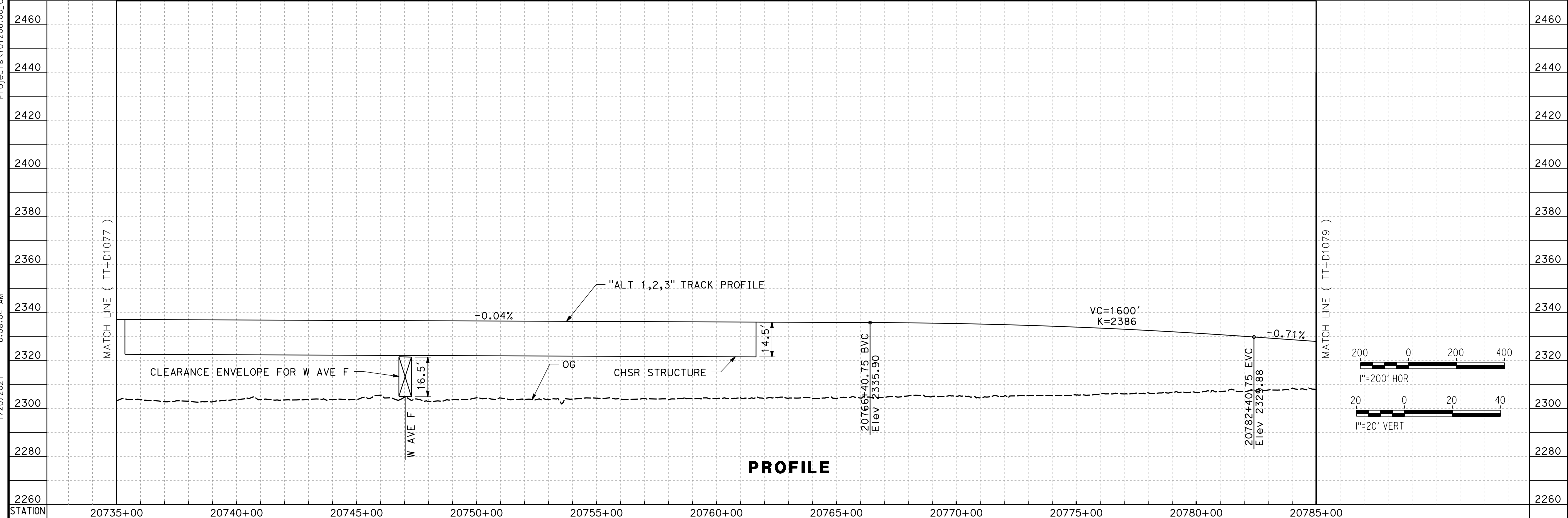
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
TRACK GUIDEWAY
STA 20685+00 TO 20735+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
TT-D1077
SCALE
AS SHOWN
SHEET NO.
137

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 1/20/2021
 jcs_user_17609



CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
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(15N)	250	30,016.50	5.50	2.83	2,600	10,445.74



REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

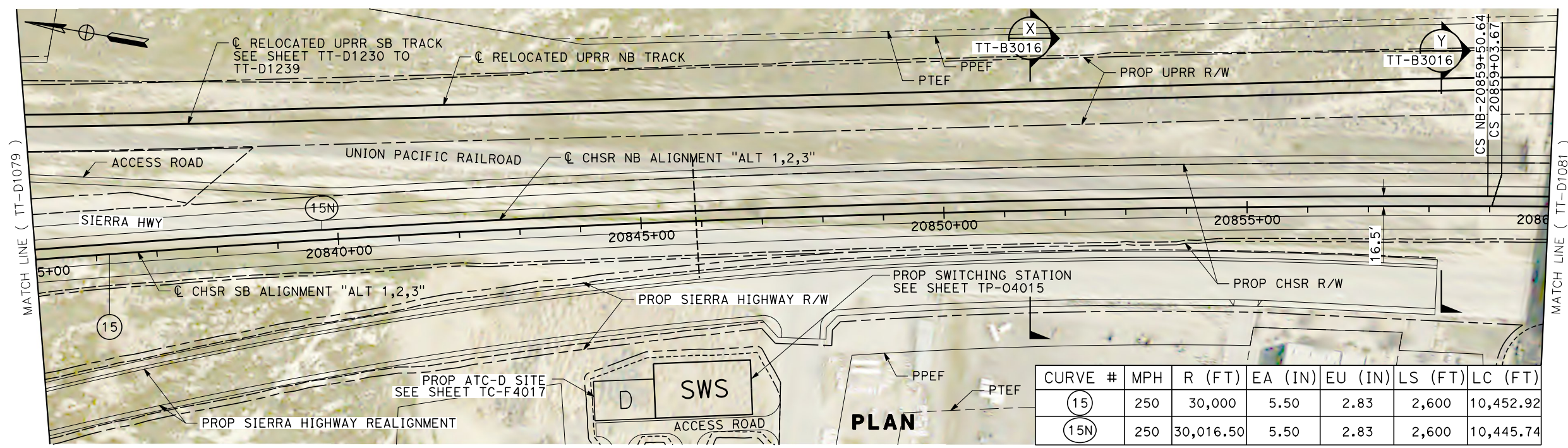
NOT FOR
CONSTRUCTION



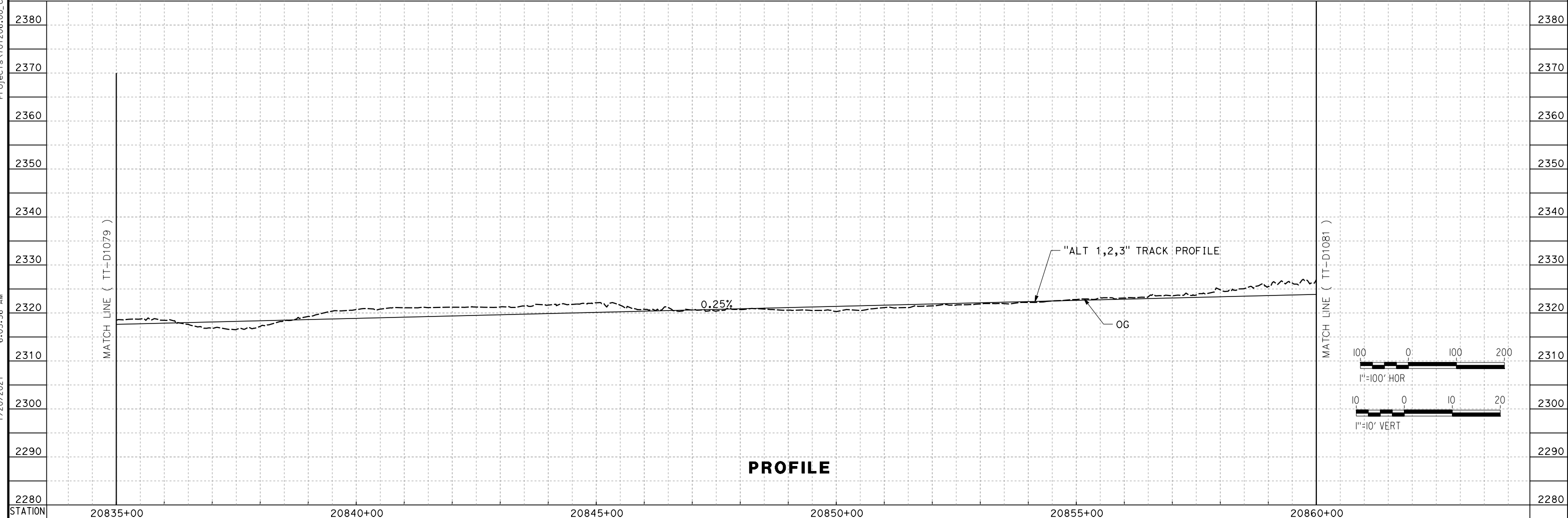
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 TRACK GUIDEWAY
 STA 20735+00 TO 20785+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1078
 SCALE
AS SHOWN
 SHEET NO.
138

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 jcs_user_17609



CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
(15)	250	30,000	5.50	2.83	2,600	10,452.92
(15N)	250	30,016.50	5.50	2.83	2,600	10,445.74



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

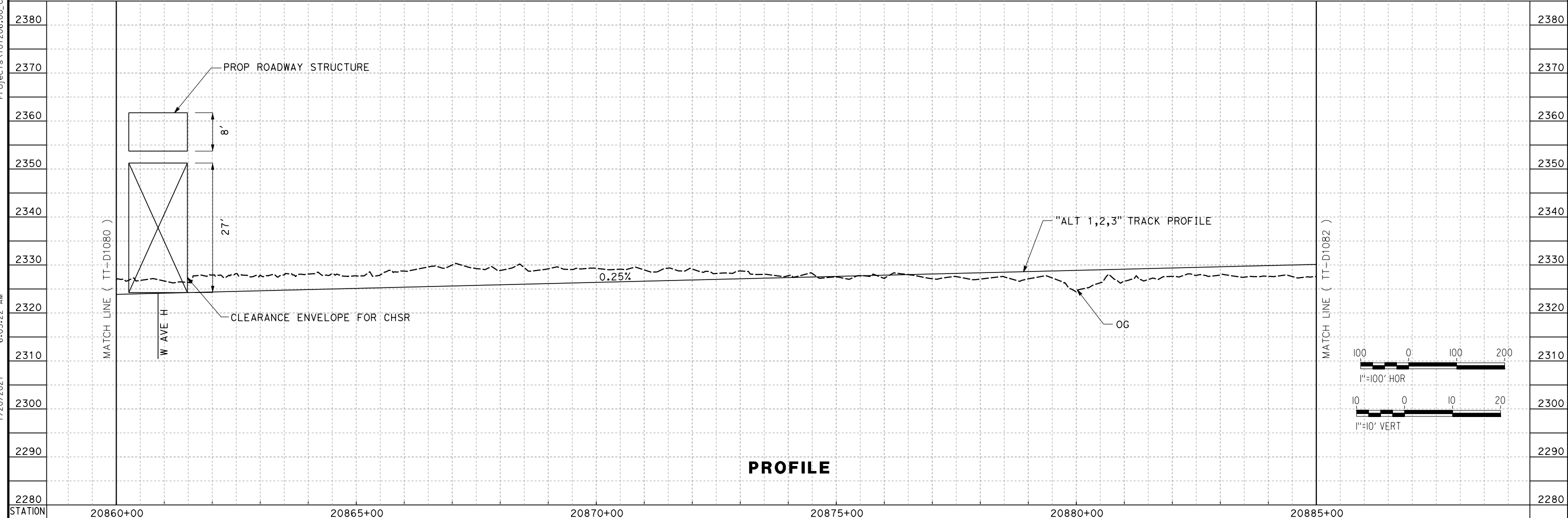
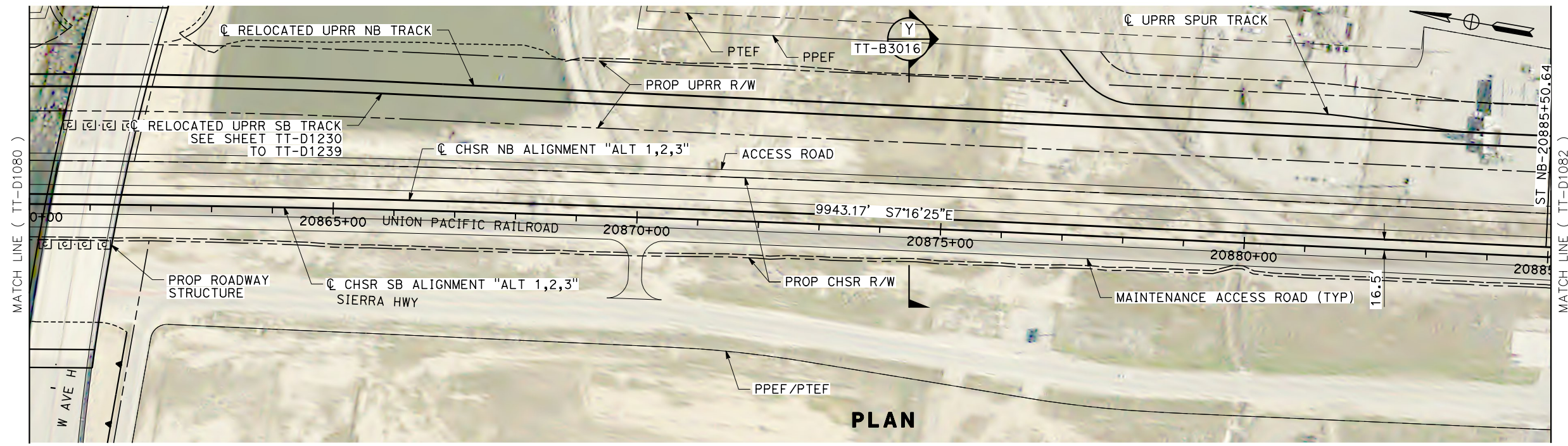
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 TRACK GUIDEWAY
 STA 20835+00 TO 20860+00
 PLAN AND PROFILE

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 TT-D1080
 SCALE
 AS SHOWN
 SHEET NO.
 140

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\TT\BP-TT-D1081
 1/20/2021 6:03:22 AM jcs_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 TRACK GUIDEWAY
 STA 20860+00 TO 20885+00
 PLAN AND PROFILE

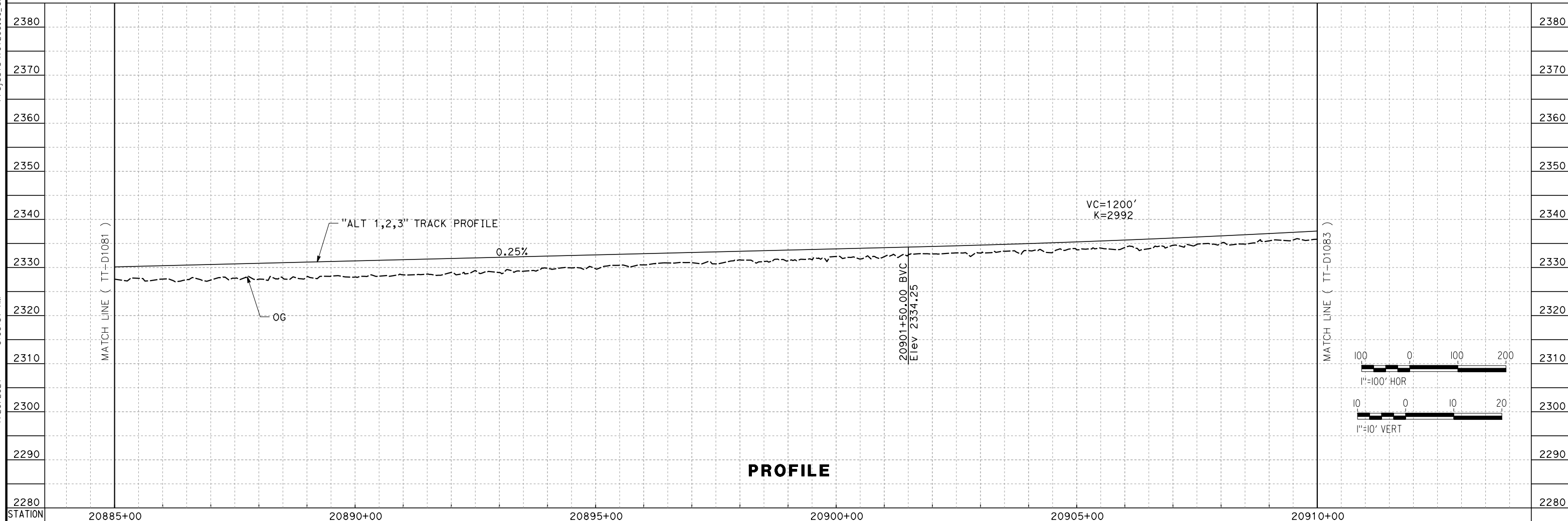
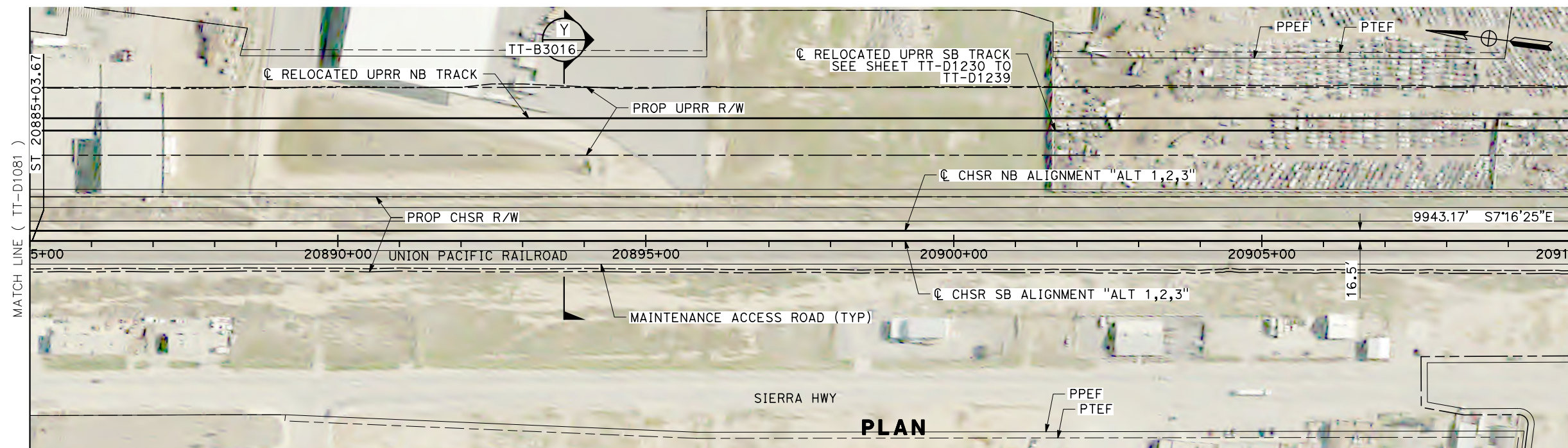
CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1081
 SCALE
AS SHOWN
 SHEET NO.
141

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6:08:37 AM

1/20/2021

ics_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

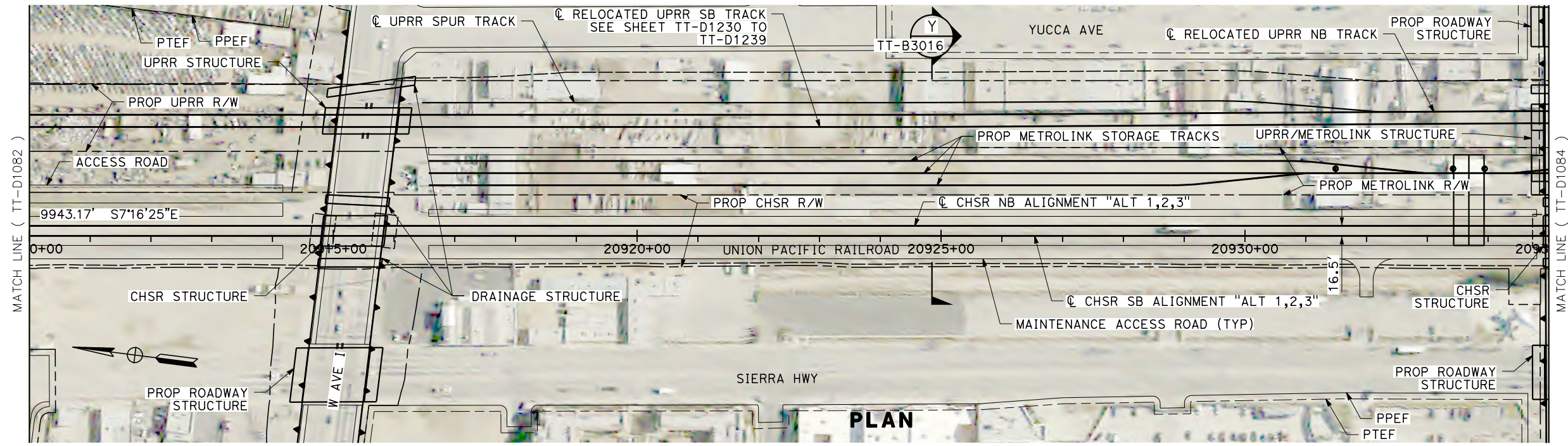
DESIGNED BY A. CARSON	RECORD SET PEPD SUBMITTAL NOT FOR CONSTRUCTION
DRAWN BY A. CARSON	
CHECKED BY S. LANDOLT	
IN CHARGE G. CAMPBELL	
DATE 01/29/2021	

		CALIFORNIA HIGH-SPEED RAIL PROJECT BAKERSFIELD TO PALMDALE ALTERNATIVE 1,2,3 TRACK GUIDEWAY STA 20885+00 TO 20910+00 PLAN AND PROFILE	CONTRACT NO. HSR13-44 DRAWING NO. TT-D1082 SCALE AS SHOWN SHEET NO. 142
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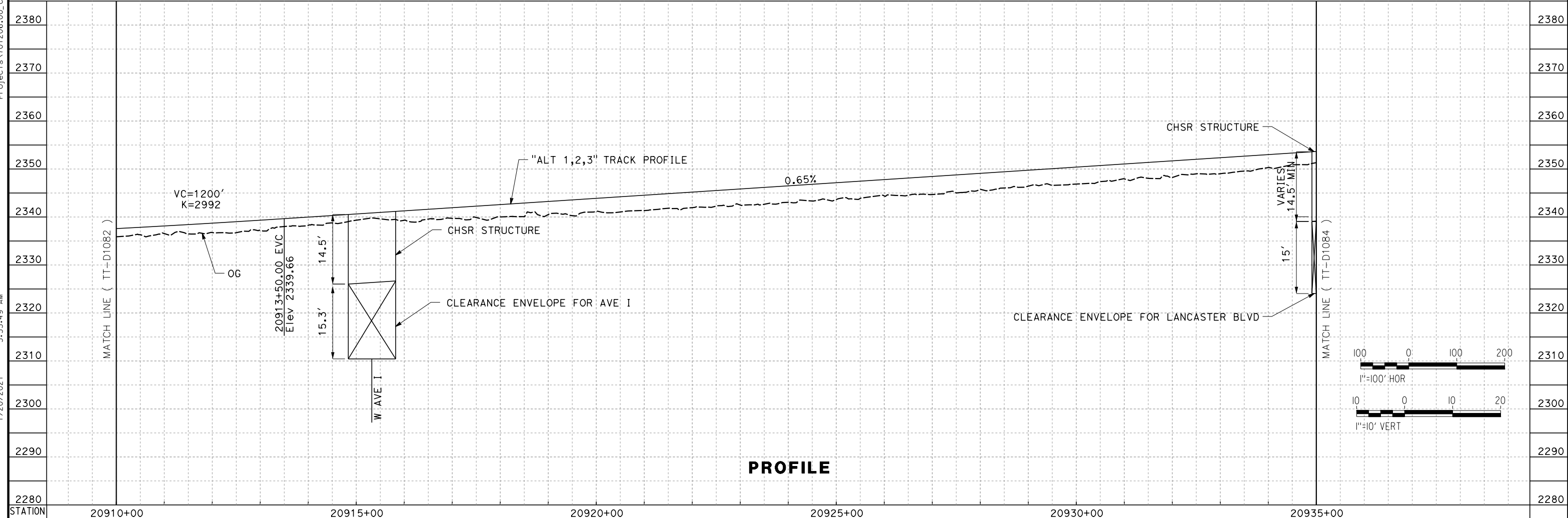
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1/20/2021 5:53:49 AM

ics_user_17609



PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

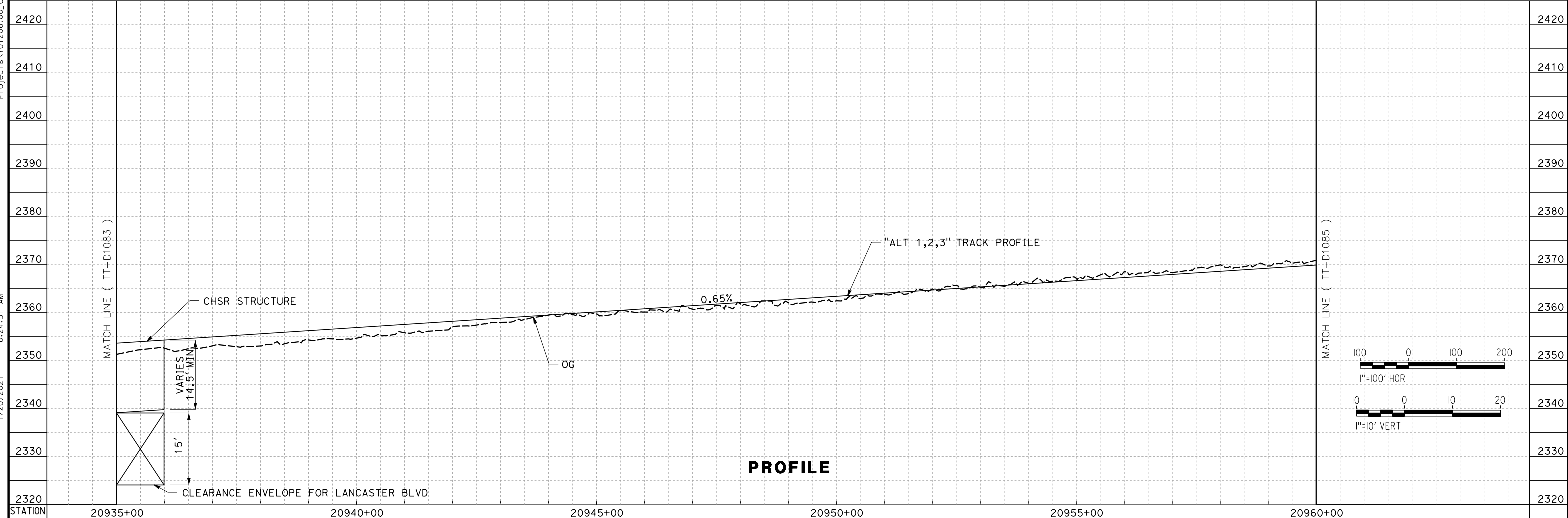
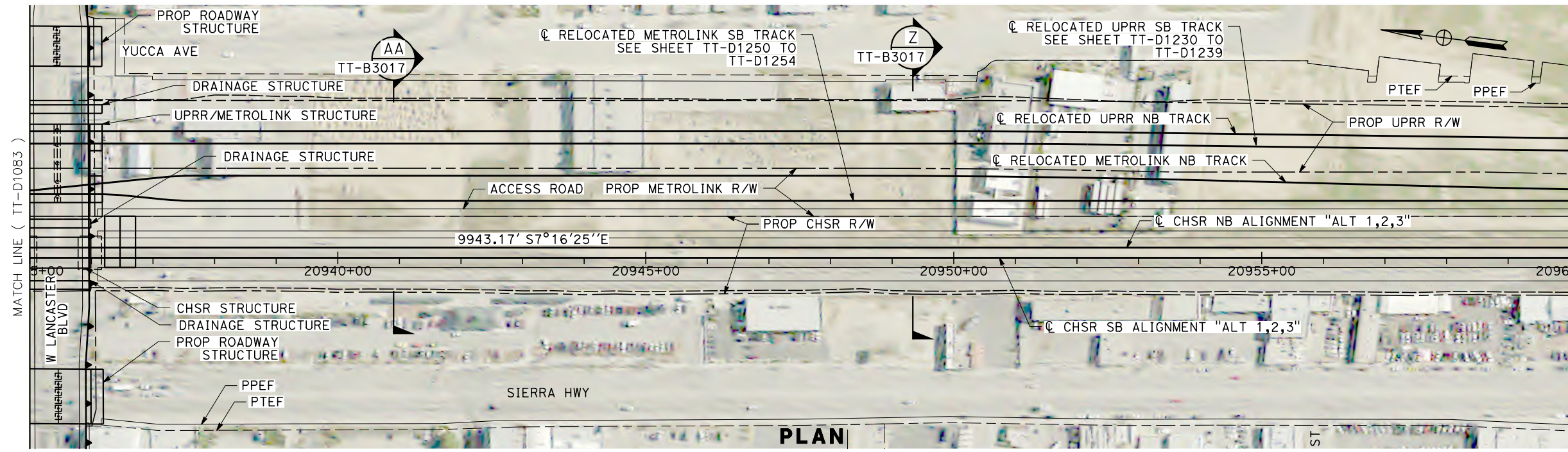
ALTERNATIVE 1,2,3
TRACK GUIDEWAY
STA 20910+00 TO 20935+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
TT-D1083
SCALE
AS SHOWN
SHEET NO.
143

Projects\701206_00_CHSRBP_00_CADD\Sheet Files\TT\BP-TT-D1084

1/20/2021 6:24:31 AM

jcs_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

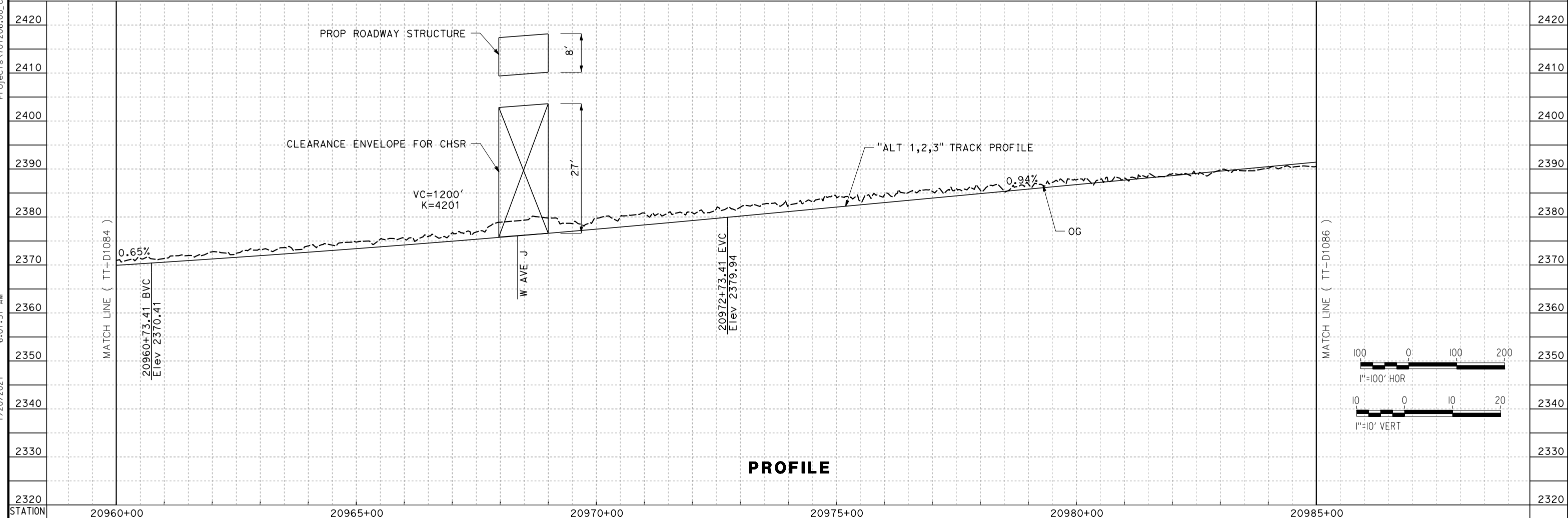
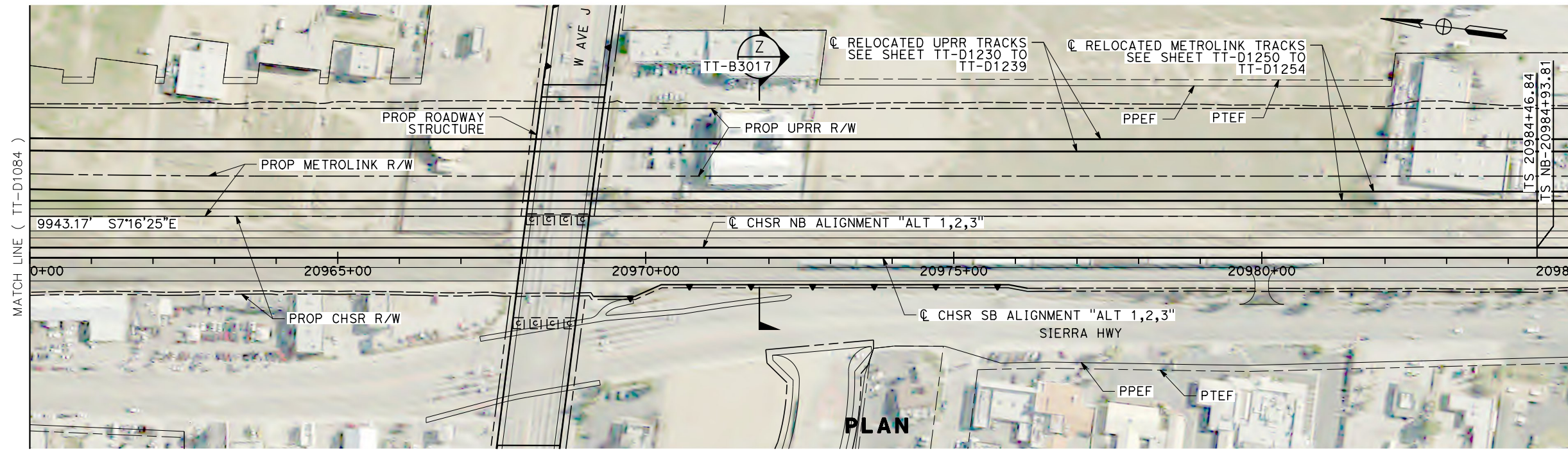


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
TRACK GUIDEWAY
STA 20935+00 TO 20960+00
PLAN AND PROFILE

CONTRACT NO.
HST13-44
DRAWING NO.
TT-D1084
SCALE
AS SHOWN
SHEET NO.
144

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\TT\BP-TT-D1085
 1/20/2021 6:01:51 AM
 jcs_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON

DRAWN BY
A. CARSON

CHECKED BY
S. LANDOLT

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
 TRACK GUIDEWAY
 STA 20960+00 TO 20985+00
 PLAN AND PROFILE

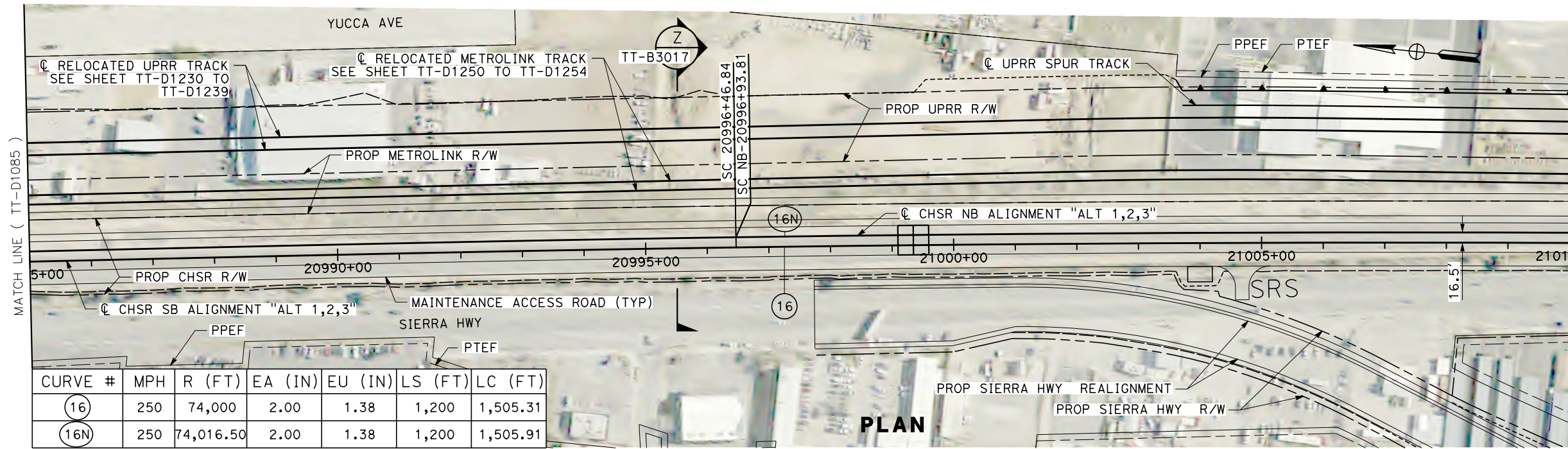
CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1085

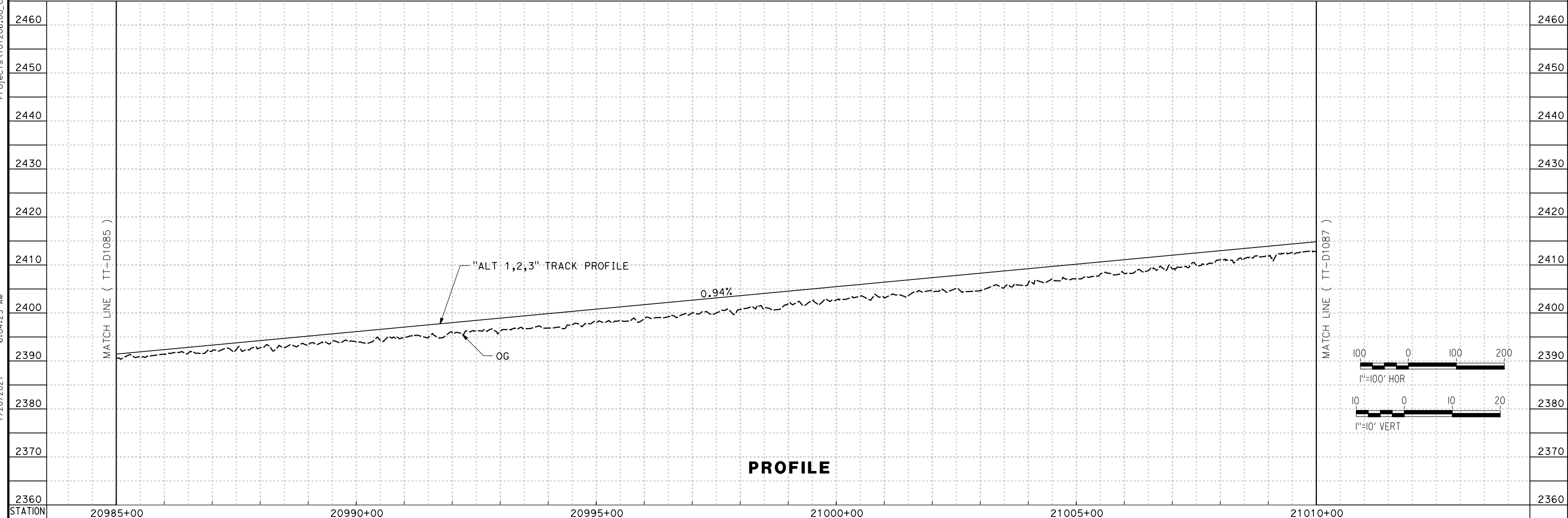
SCALE
AS SHOWN

SHEET NO.
145

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CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
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16N	250	74,016.50	2.00	1.38	1,200	1,505.91



REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

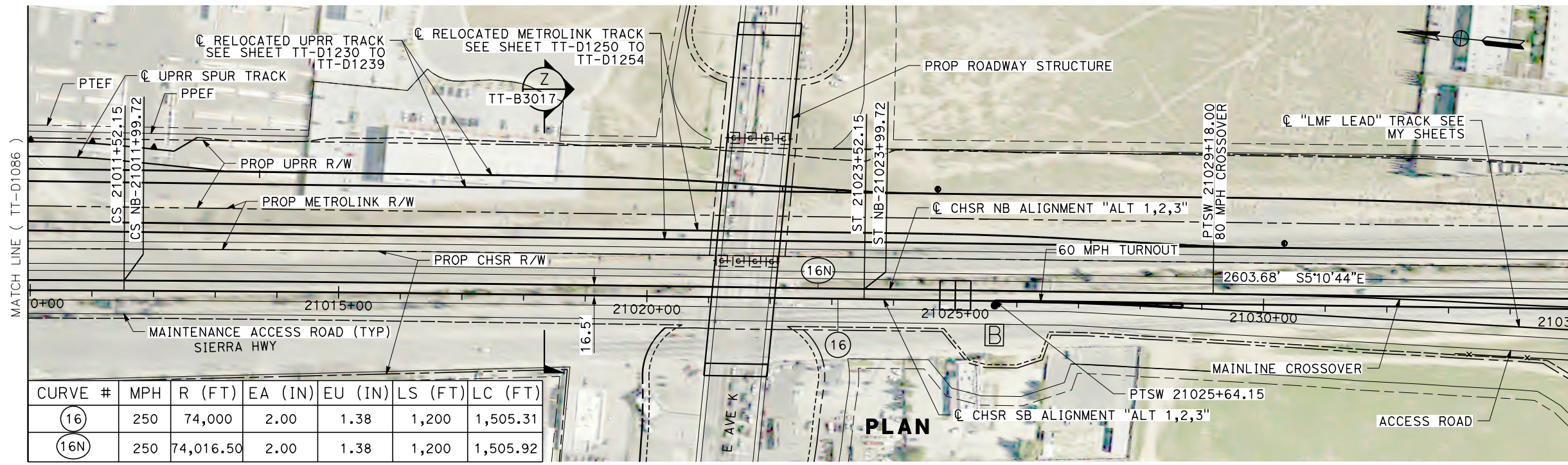
NOT FOR
CONSTRUCTION



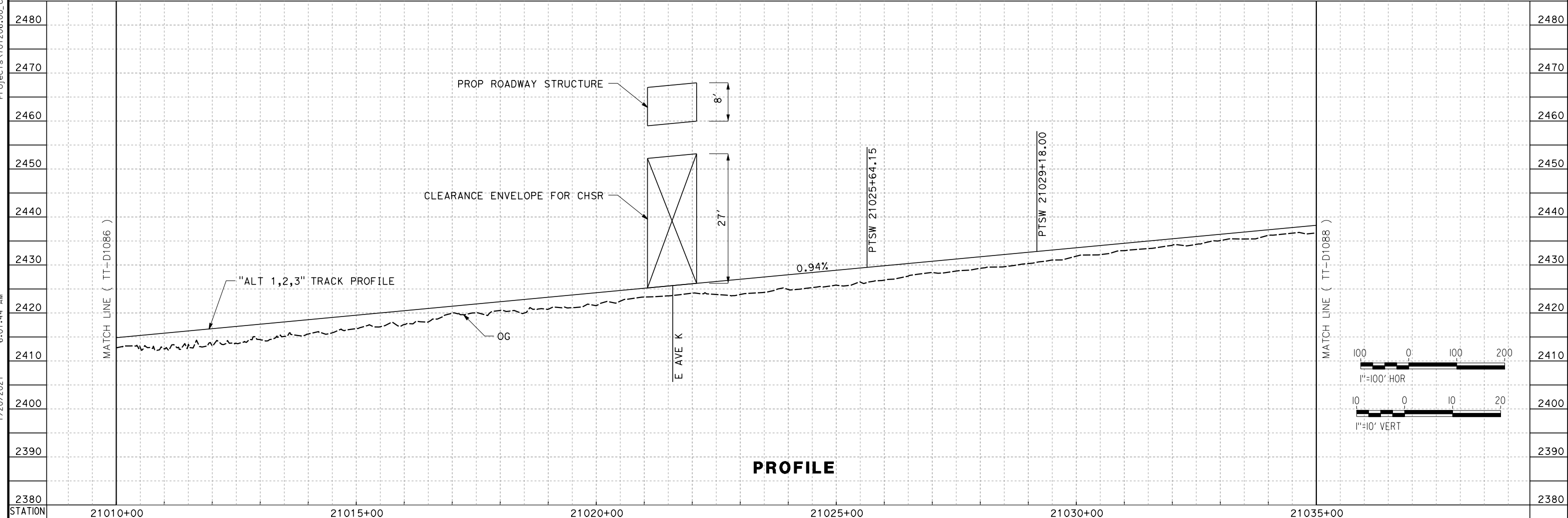
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 TRACK GUIDEWAY
 STA 20985+00 TO 21010+00
 PLAN AND PROFILE

CONTRACT NO.
 HST13-44
 DRAWING NO.
 TT-D1086
 SCALE
 AS SHOWN
 SHEET NO.
 146

1/20/2021 6:01:44 AM i:\cs_user_17609\Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\TT\BP-TT-D1087



CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
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16N	250	74,016.50	2.00	1.38	1,200	1,505.92



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 TRACK GUIDEWAY
 STA 21010+00 TO 21035+00
 PLAN AND PROFILE

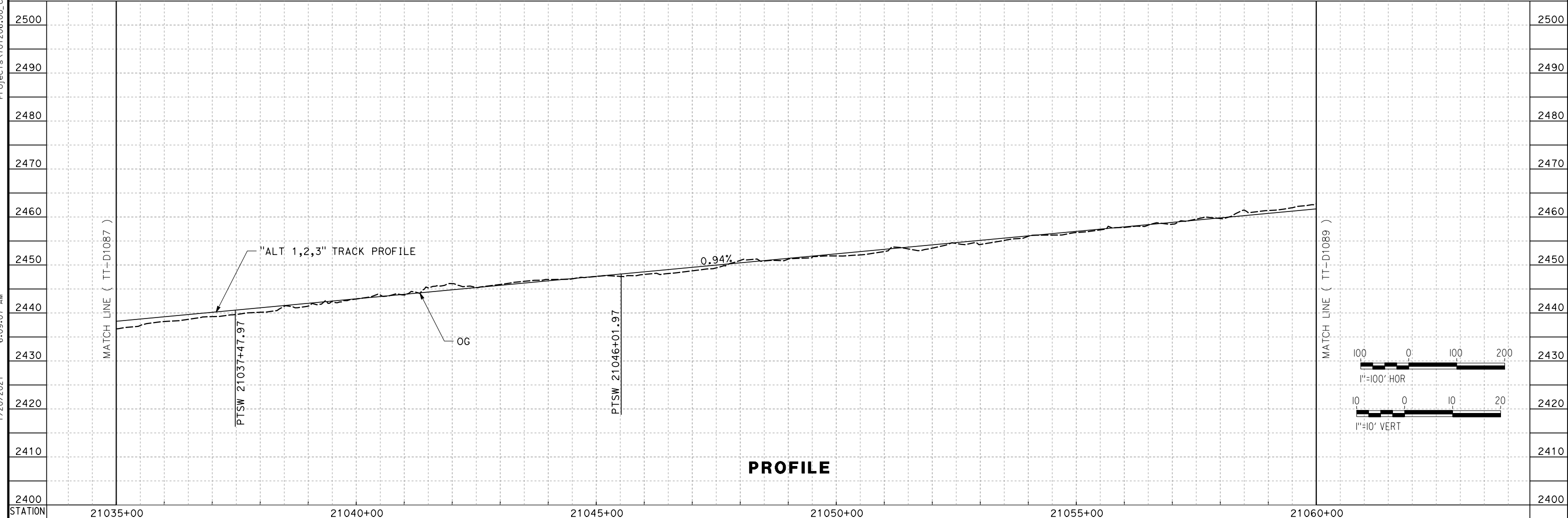
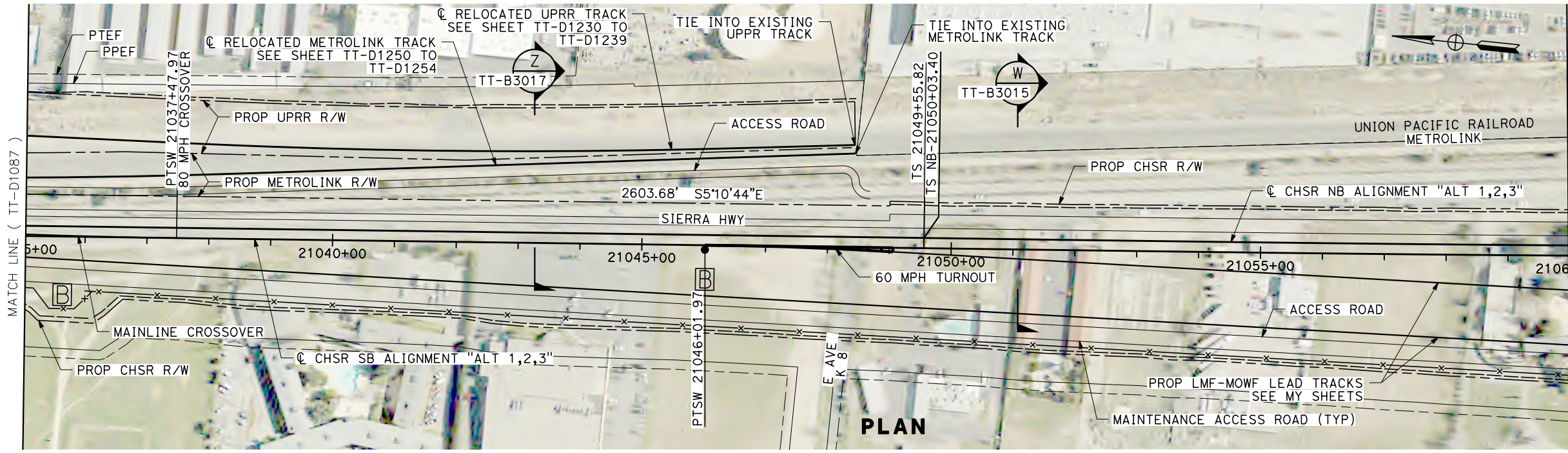
CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1087
 SCALE
AS SHOWN
 SHEET NO.
147

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6:09:07 AM

1/20/2021

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REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

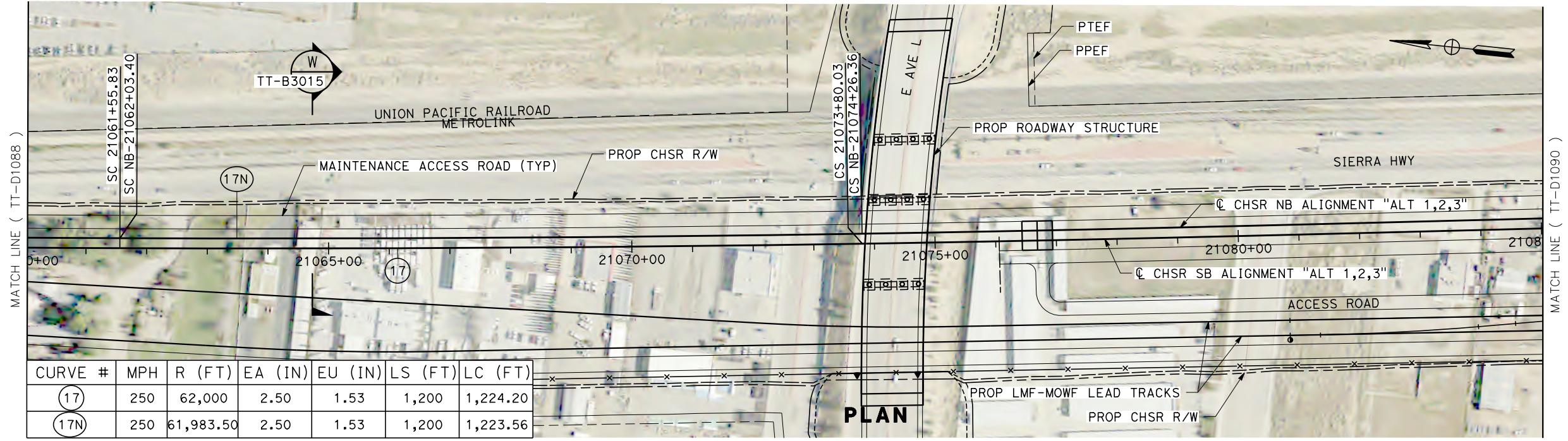


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

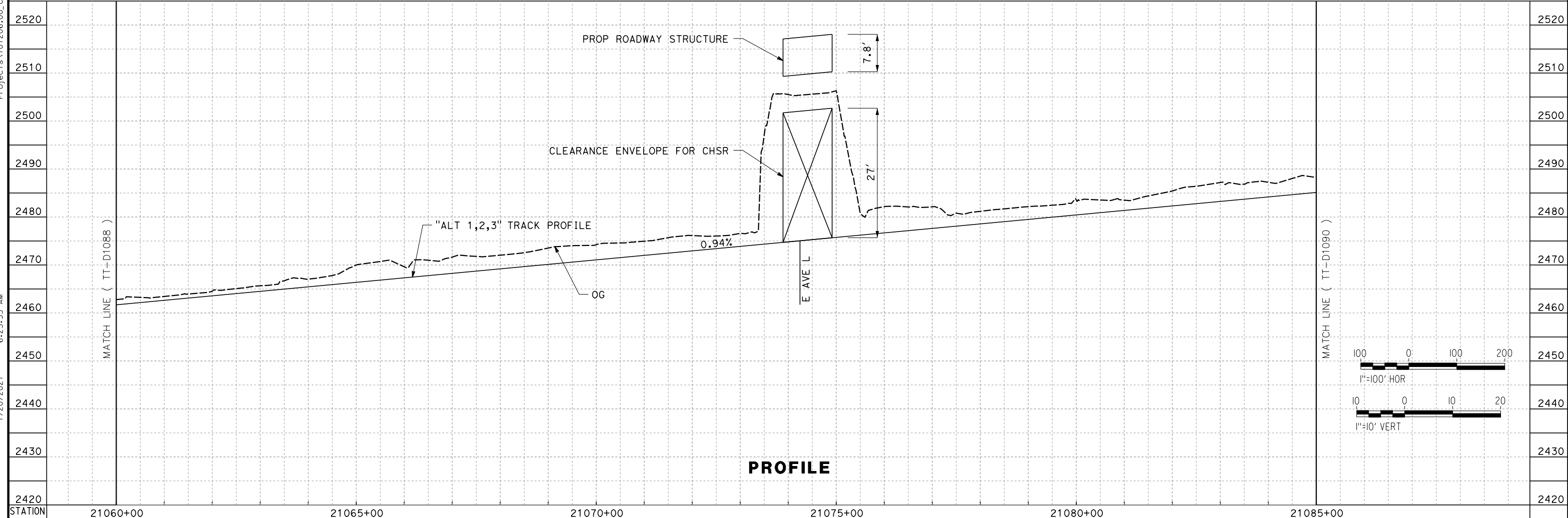
ALTERNATIVE 1,2,3
TRACK GUIDEWAY
STA 21035+00 TO 21060+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
TT-D1088
SCALE
AS SHOWN
SHEET NO.
148

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17N	250	61,983.50	2.50	1.53	1,200	1,223.56



REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



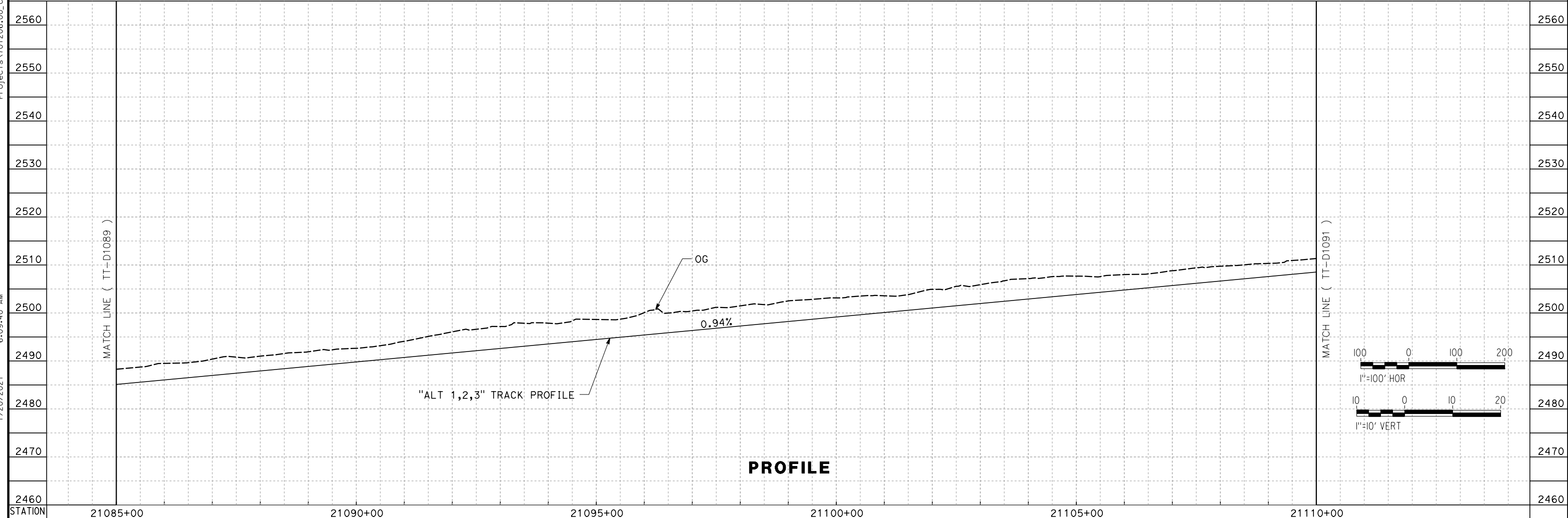
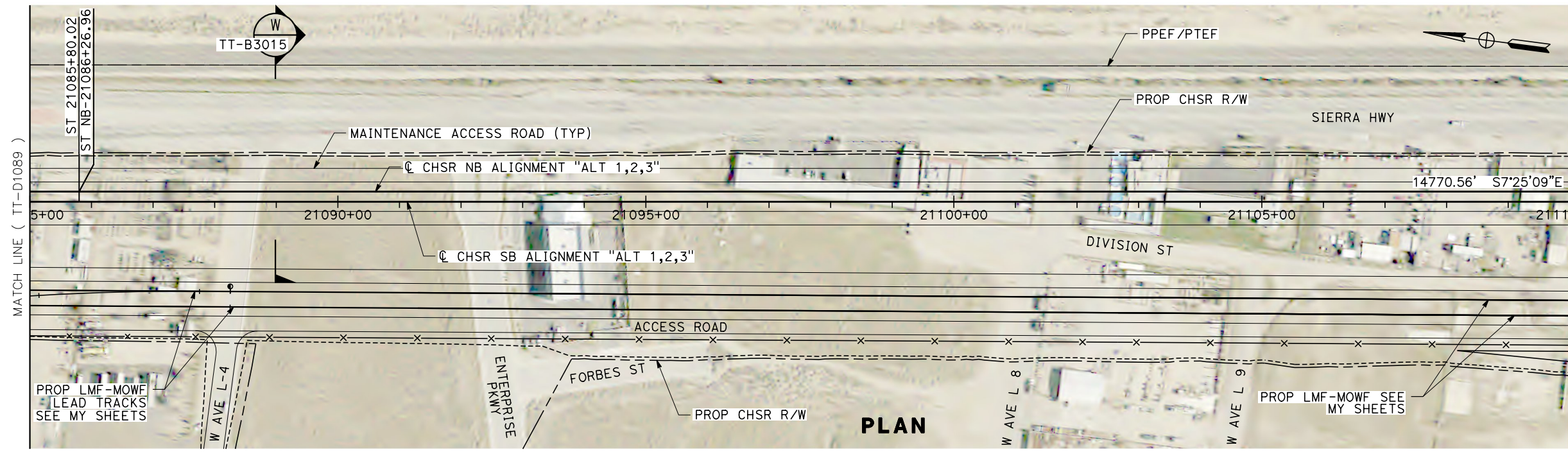
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
TRACK GUIDEWAY
STA 21060+00 TO 21085+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
TT-D1089
SCALE
AS SHOWN
SHEET NO.
149

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\TT\BP-TT-D1090

1/20/2021 6:09:40 AM

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REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
PEPD
SUBMITTAL**

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

ALTERNATIVE 1,2,3
TRACK GUIDEWAY
STA 21085+00 TO 21110+00
PLAN AND PROFILE

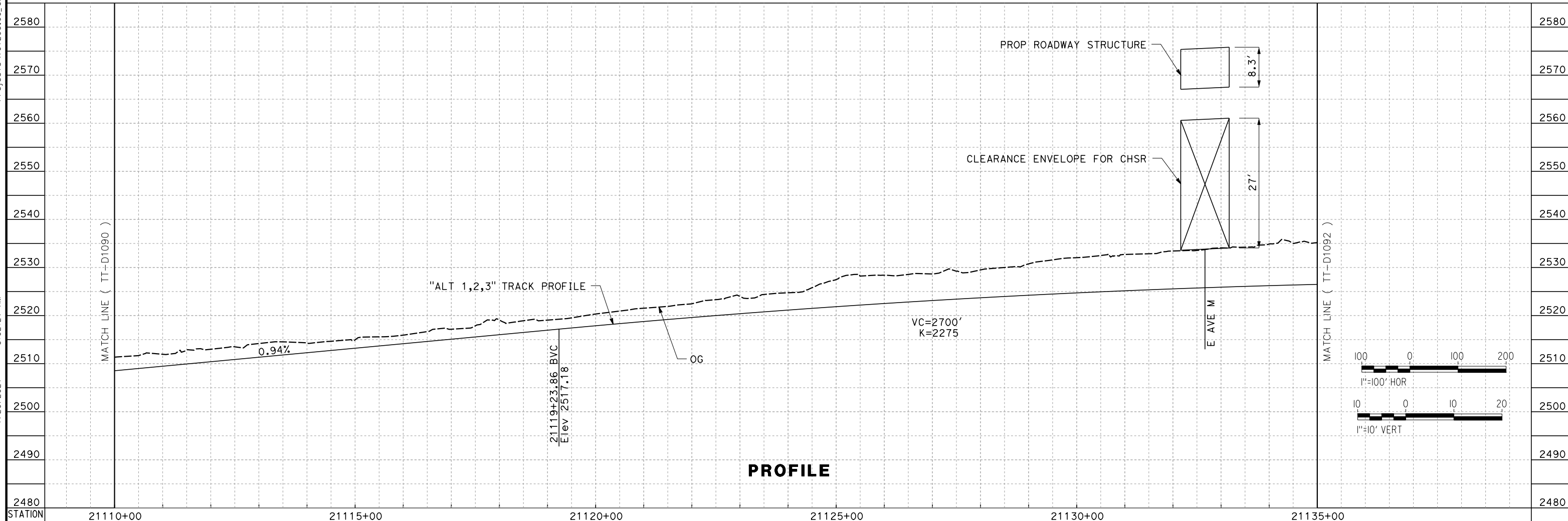
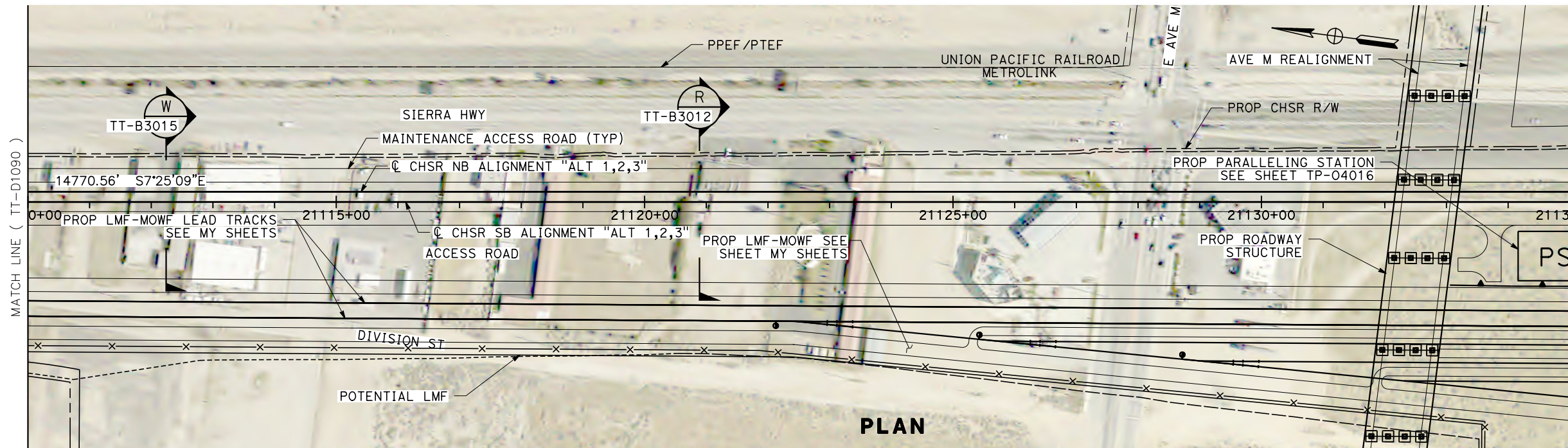
CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1090

SCALE
AS SHOWN

SHEET NO.
150

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\TT\BP-TT-D1091
 1/20/2021 6:02:27 AM
 _ics_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
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A. CARSON
 CHECKED BY
S. LANDOLT
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

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

ALTERNATIVE 1,2,3
 TRACK GUIDEWAY
 STA 21110+00 TO 21135+00
 PLAN AND PROFILE

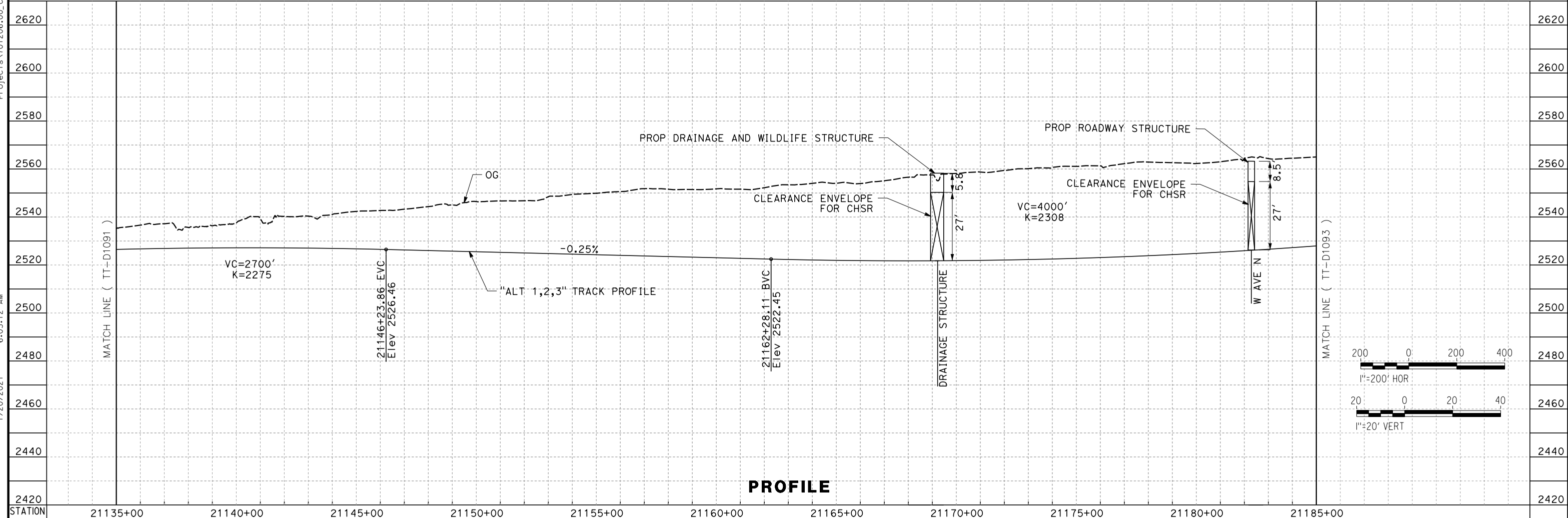
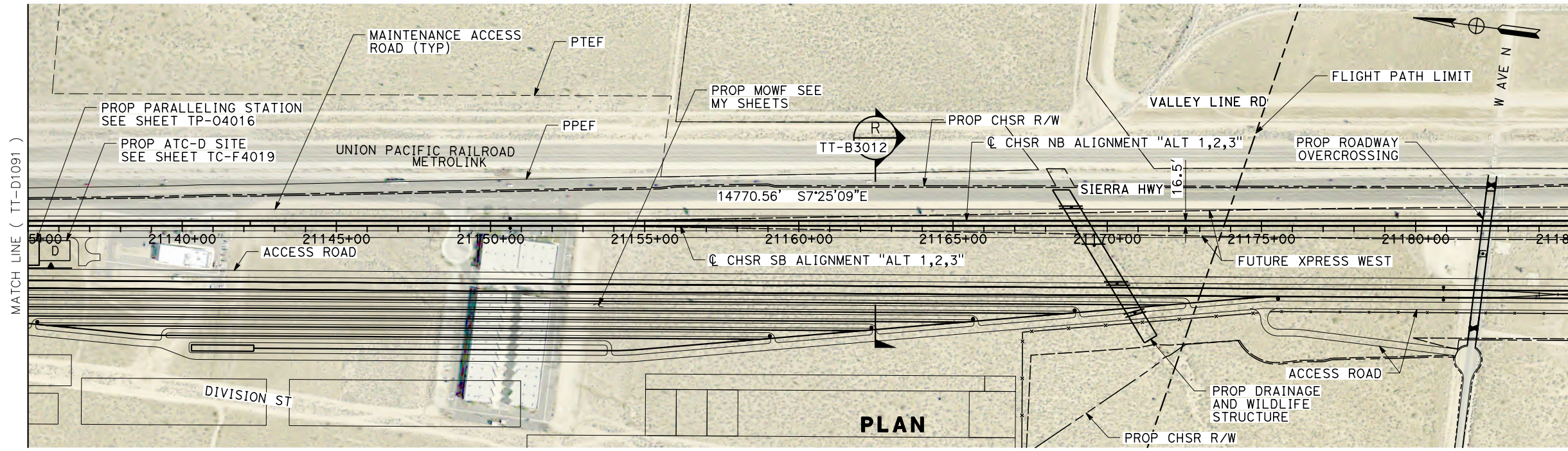
CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1091

SCALE
AS SHOWN

SHEET NO.
151

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 1/20/2021
 jcs_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
 PEPD
 SUBMITTAL**

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 CONSTRUCTION**

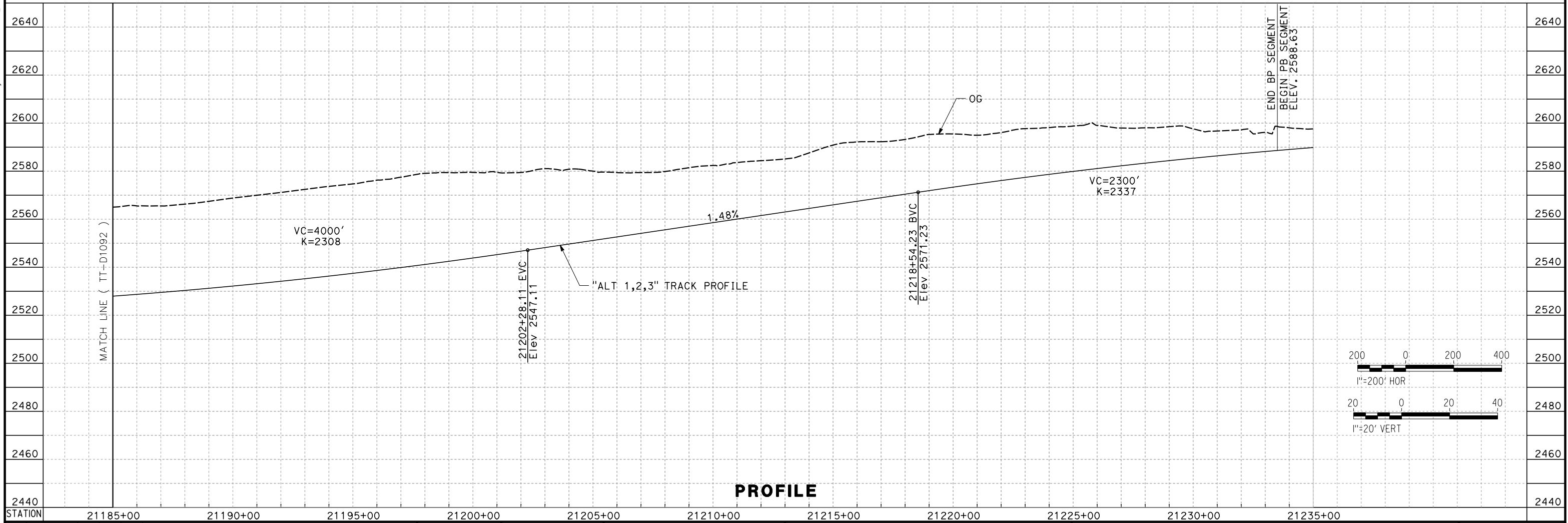
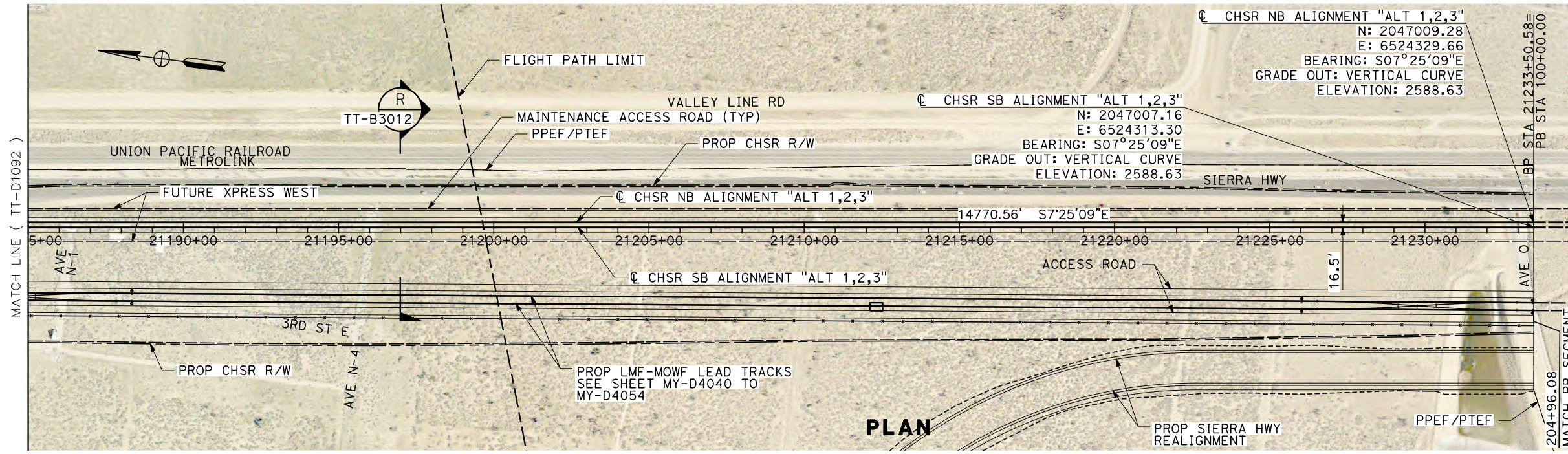


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
 TRACK GUIDEWAY
 STA 21135+00 TO 21185+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1092
 SCALE
AS SHOWN
 SHEET NO.
152

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 6:02:07 AM
 1/20/2021
 jcs_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 TRACK GUIDEWAY
 STA 21185+00 TO 21235+00
 PLAN AND PROFILE

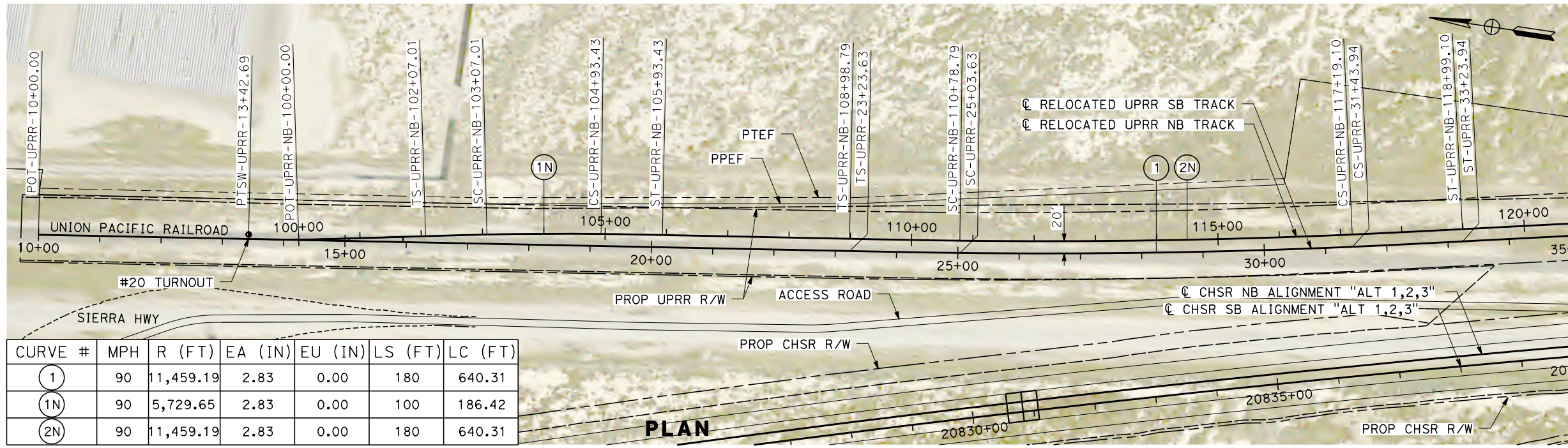
CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1093

SCALE
AS SHOWN

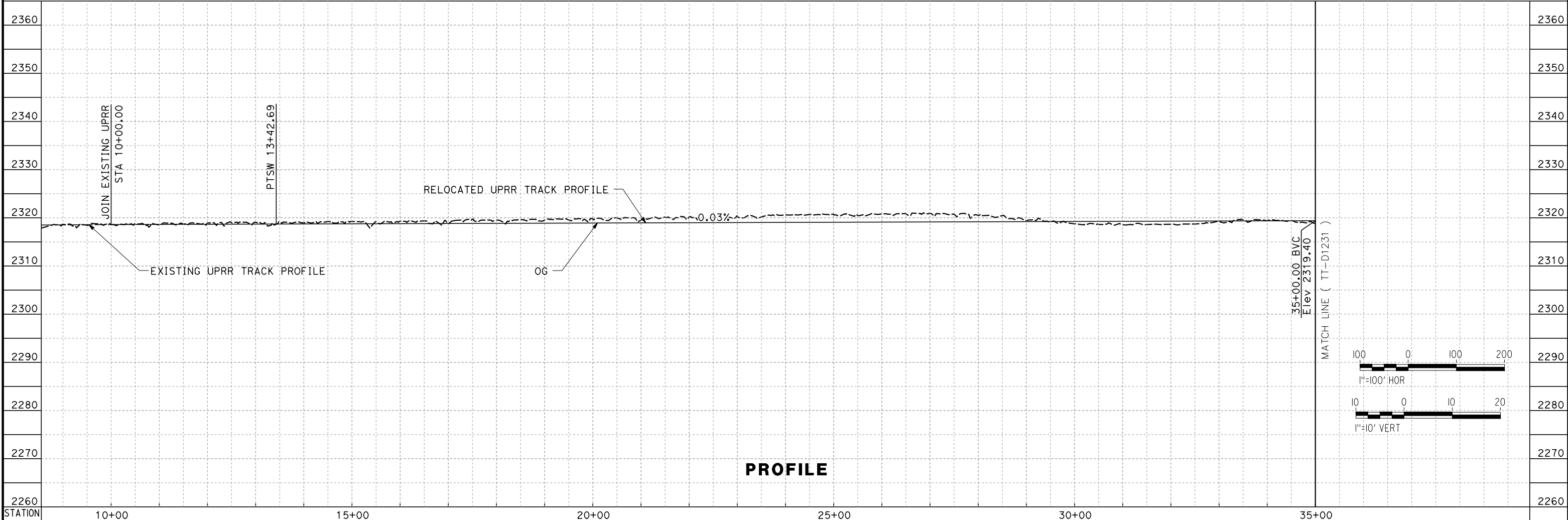
SHEET NO.
153

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 jcs_user_17609



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1N	90	5,729.65	2.83	0.00	100	186.42
2N	90	11,459.19	2.83	0.00	180	640.31

PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 UPRR RELOCATION
 STA 10+00 TO 35+00
 PLAN AND PROFILE

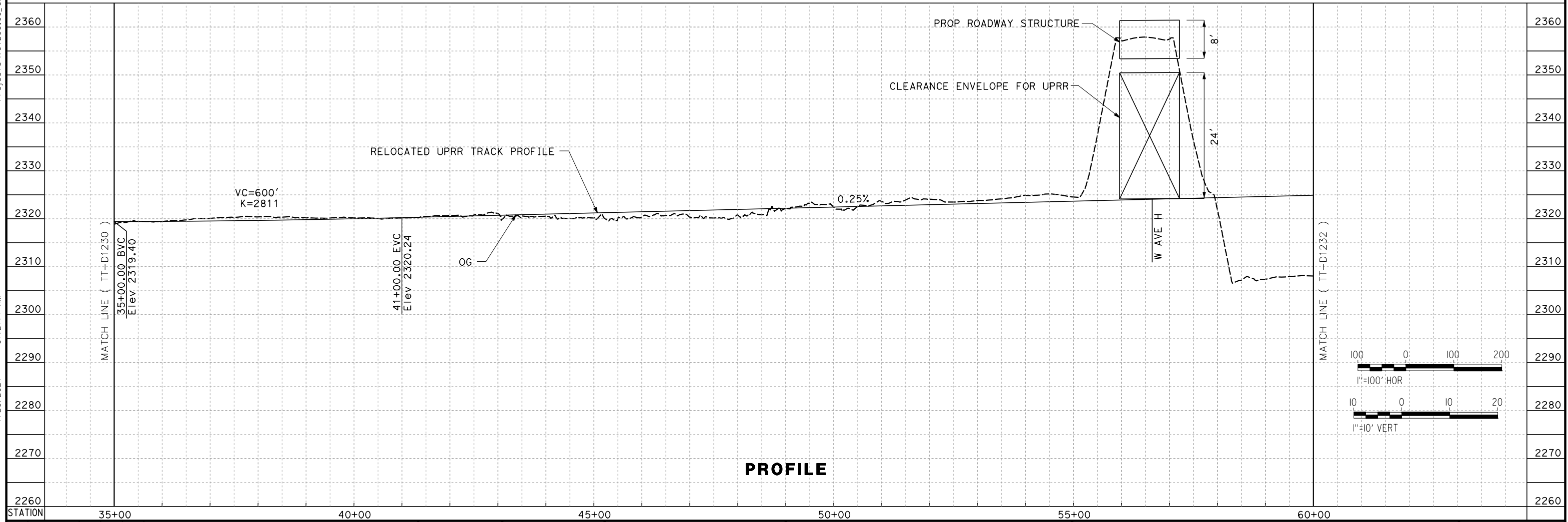
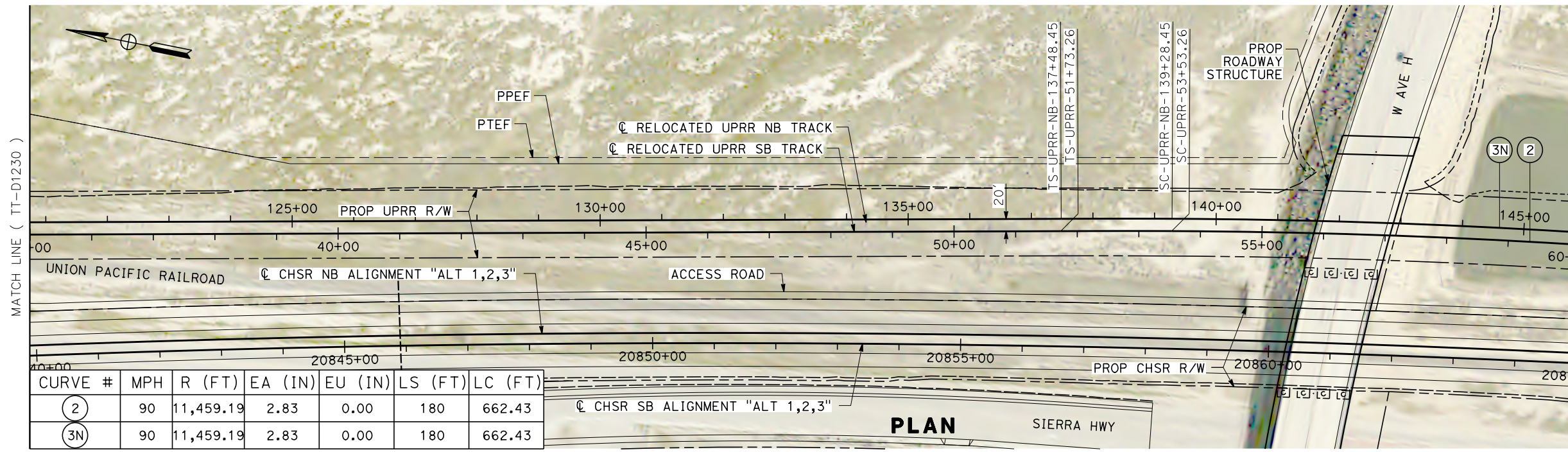
CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1230

SCALE
AS SHOWN

SHEET NO.
154

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 1/20/2021 6:12:17 AM
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 UPRR RELOCATION
 STA 35+00 TO 60+00
 PLAN AND PROFILE

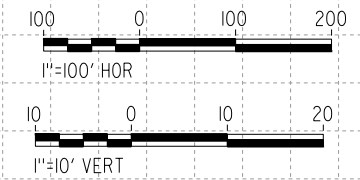
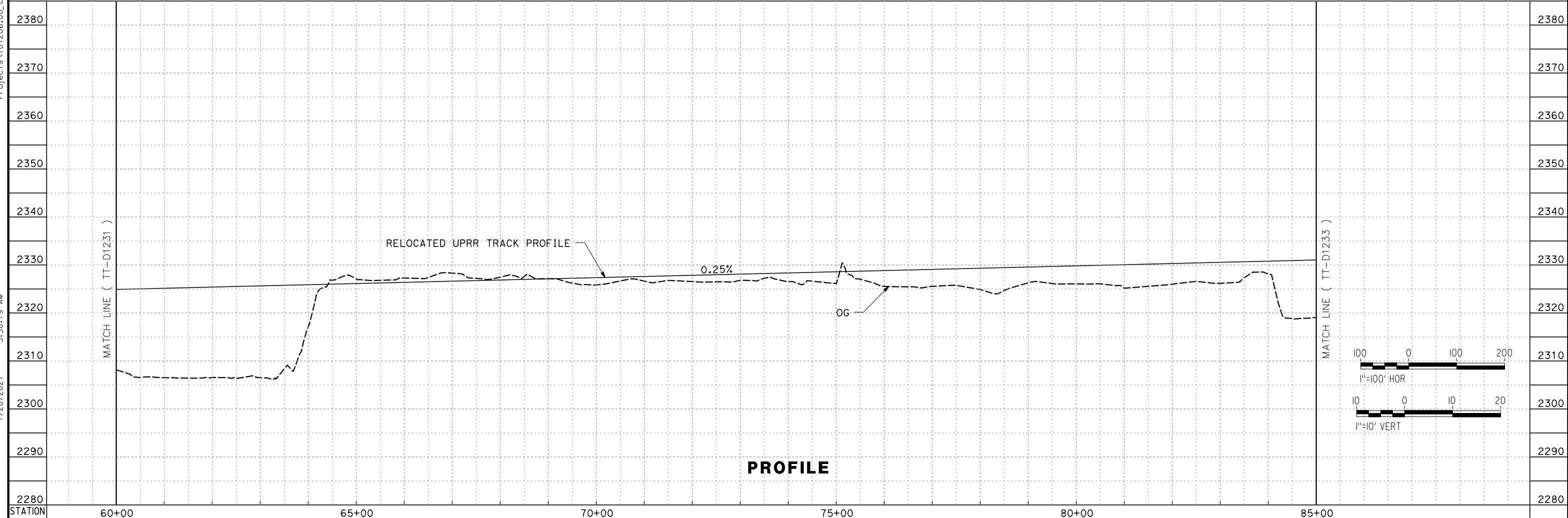
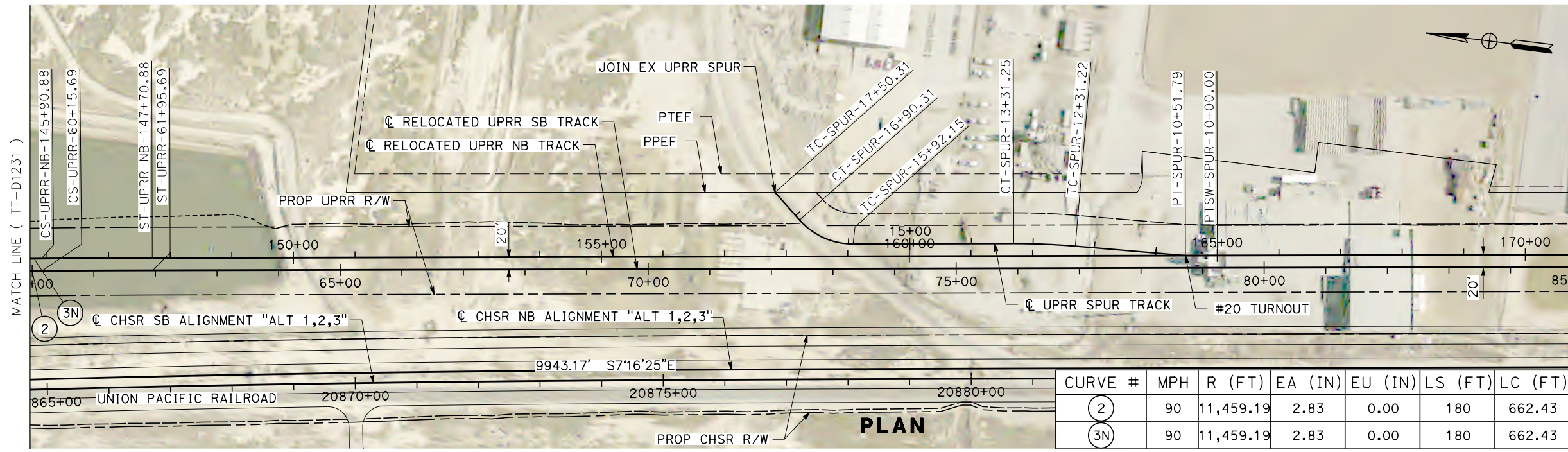
CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1231

SCALE
AS SHOWN

SHEET NO.
155

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 1/20/2021 5:58:19 AM
 jcs_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 UPRR RELOCATION
 STA 60+00 TO 85+00
 PLAN AND PROFILE

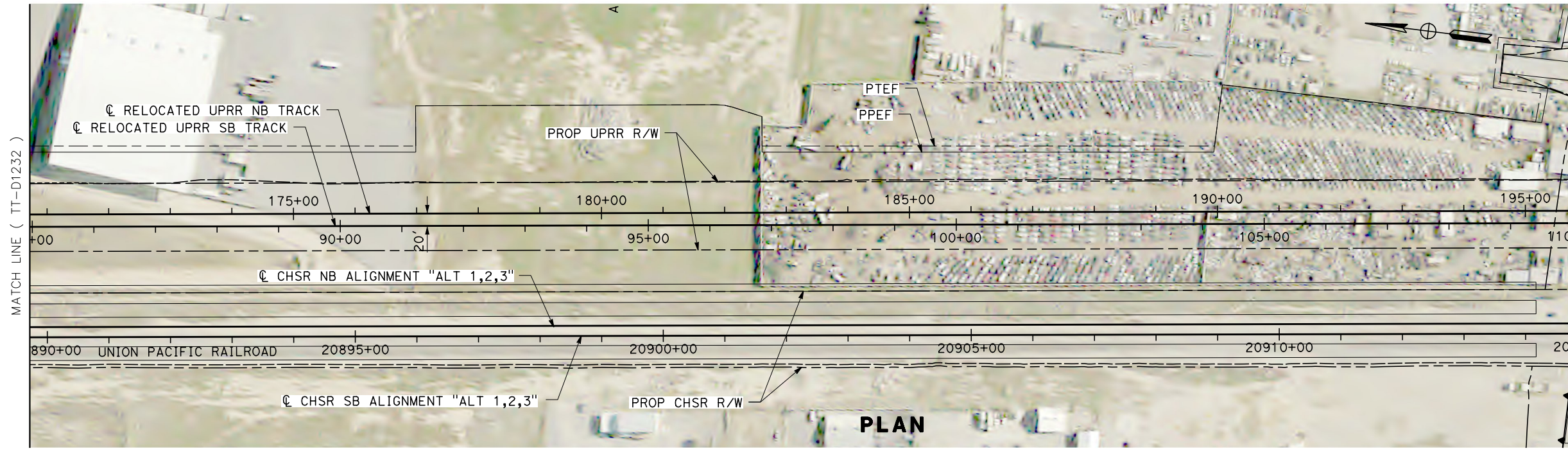
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HSR13-44

DRAWING NO.
TT-D1232

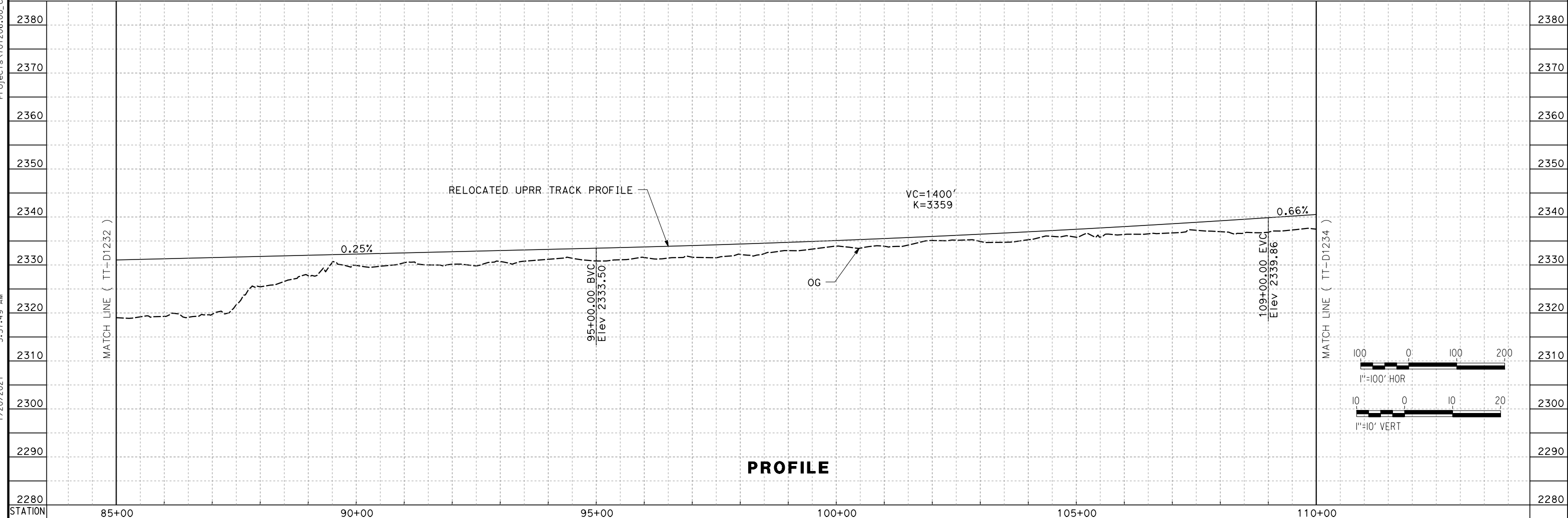
SCALE
AS SHOWN

SHEET NO.
156

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\TT\BP-TT-D1233
 1/20/2021 5:57:49 AM
 jcs_user_17609



PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 UPRR RELOCATION
 STA 85+00 TO 110+00
 PLAN AND PROFILE

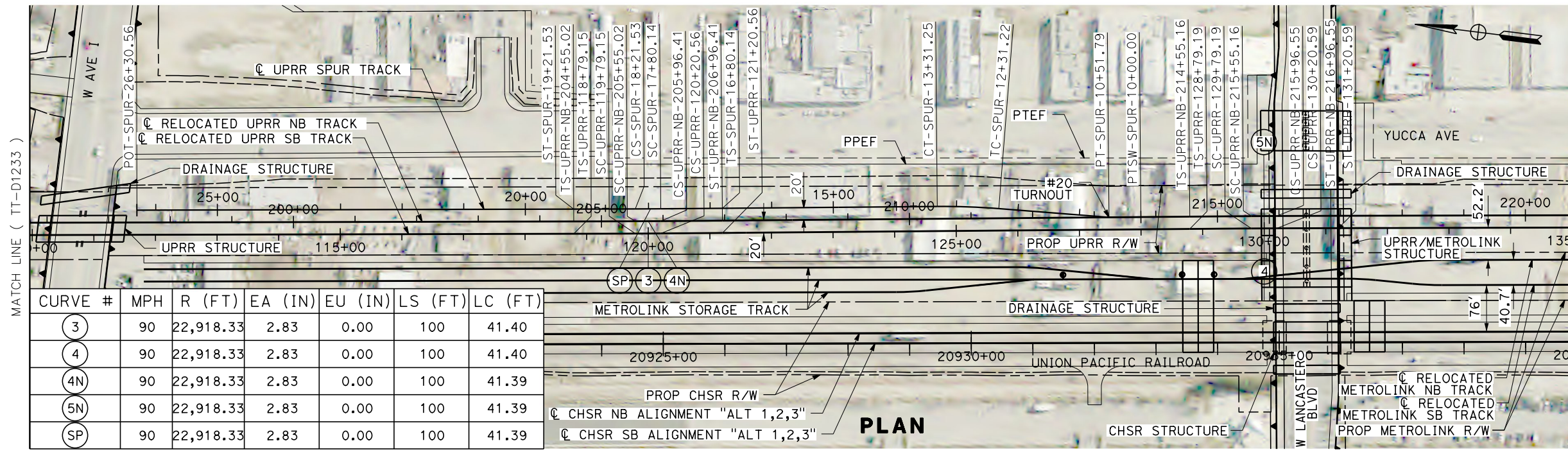
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HSR13-44

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TT-D1233

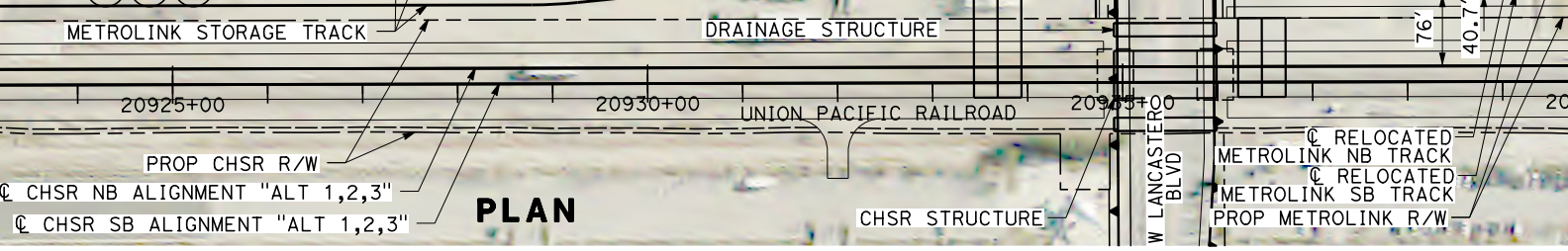
SCALE
AS SHOWN

SHEET NO.
157

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 1/20/2021 6:17:59 AM
 jcs_user_17609



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3	90	22,918.33	2.83	0.00	100	41.40
4	90	22,918.33	2.83	0.00	100	41.40
4N	90	22,918.33	2.83	0.00	100	41.39
5N	90	22,918.33	2.83	0.00	100	41.39
SP	90	22,918.33	2.83	0.00	100	41.39



PROFILE

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

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

TYLINT INTERNATIONAL

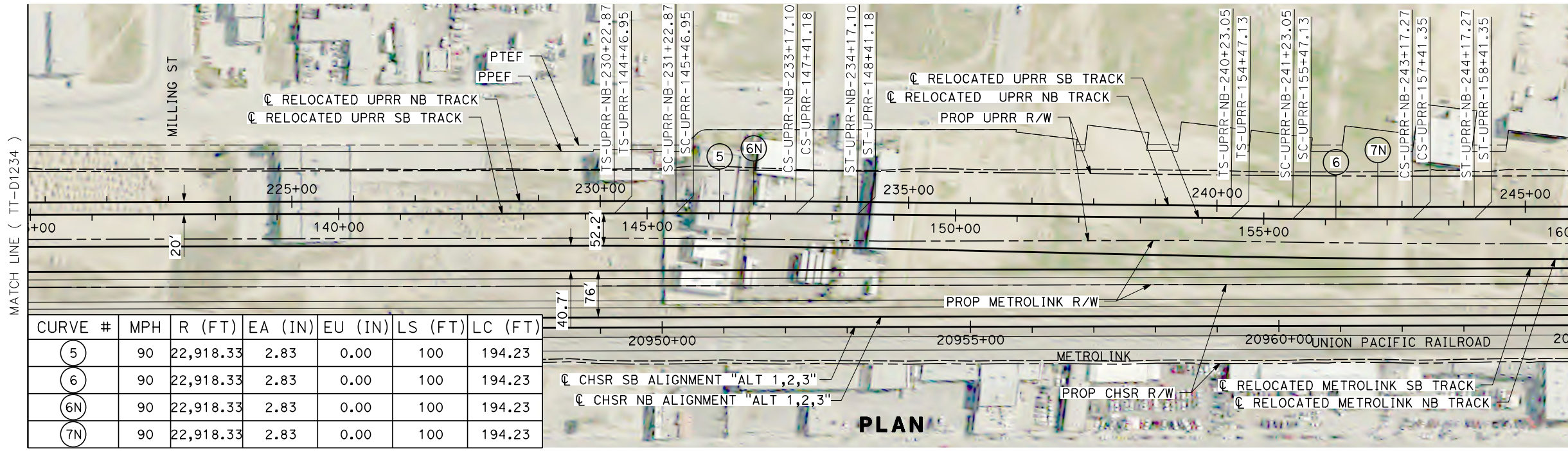


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 UPRR RELOCATION
 STA 110+00 TO 135+00
 PLAN AND PROFILE

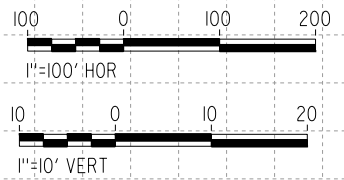
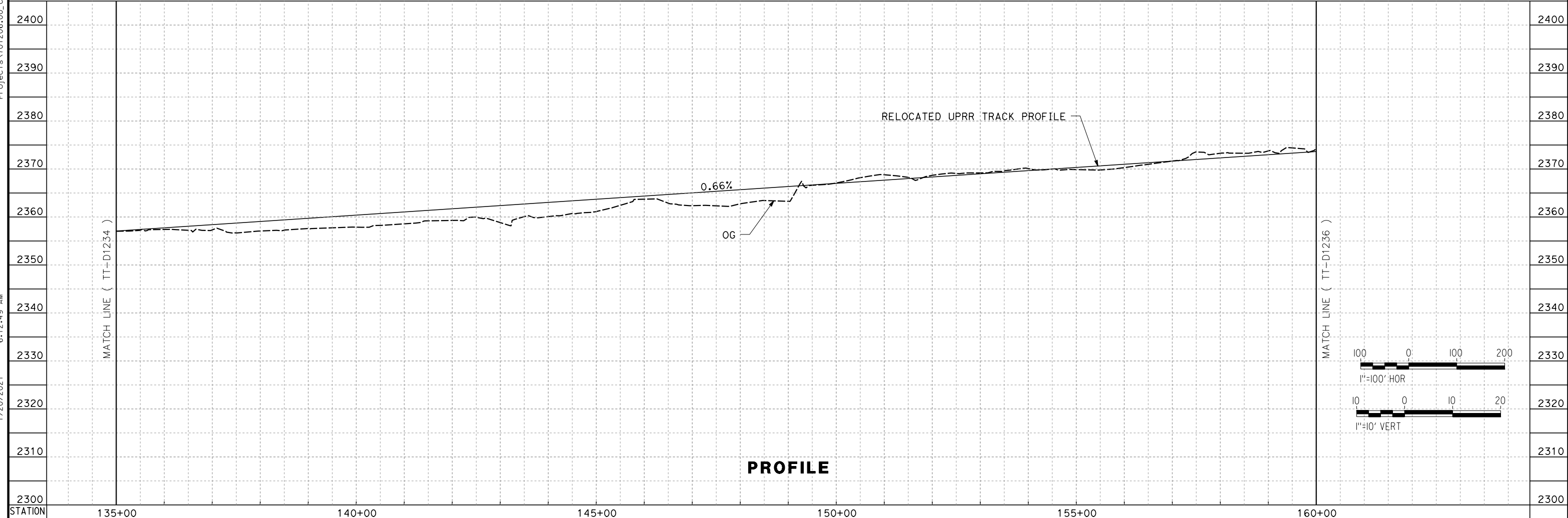
CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1234
 SCALE
AS SHOWN
 SHEET NO.
158

REV	DATE	BY	CHK	APP	DESCRIPTION

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\TT\BP-TT-D1235
 1/20/2021 6:12:49 AM
 jcs_user_17609



CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
5	90	22,918.33	2.83	0.00	100	194.23
6	90	22,918.33	2.83	0.00	100	194.23
6N	90	22,918.33	2.83	0.00	100	194.23
7N	90	22,918.33	2.83	0.00	100	194.23



REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
 PEPD
 SUBMITTAL**

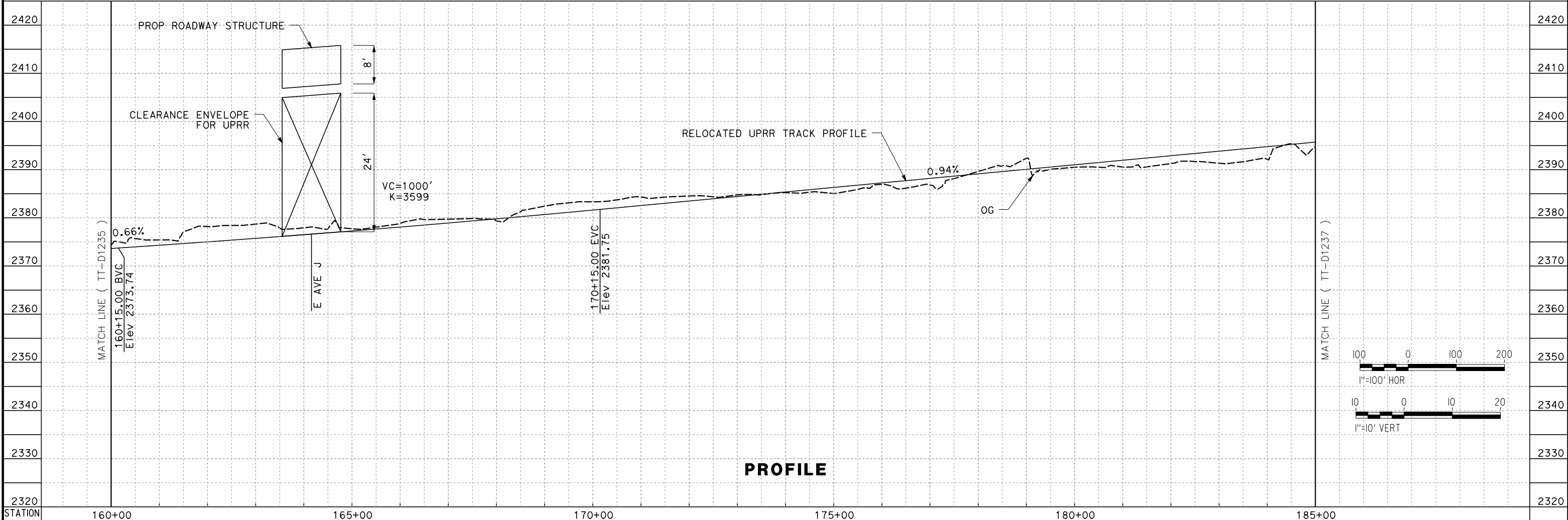
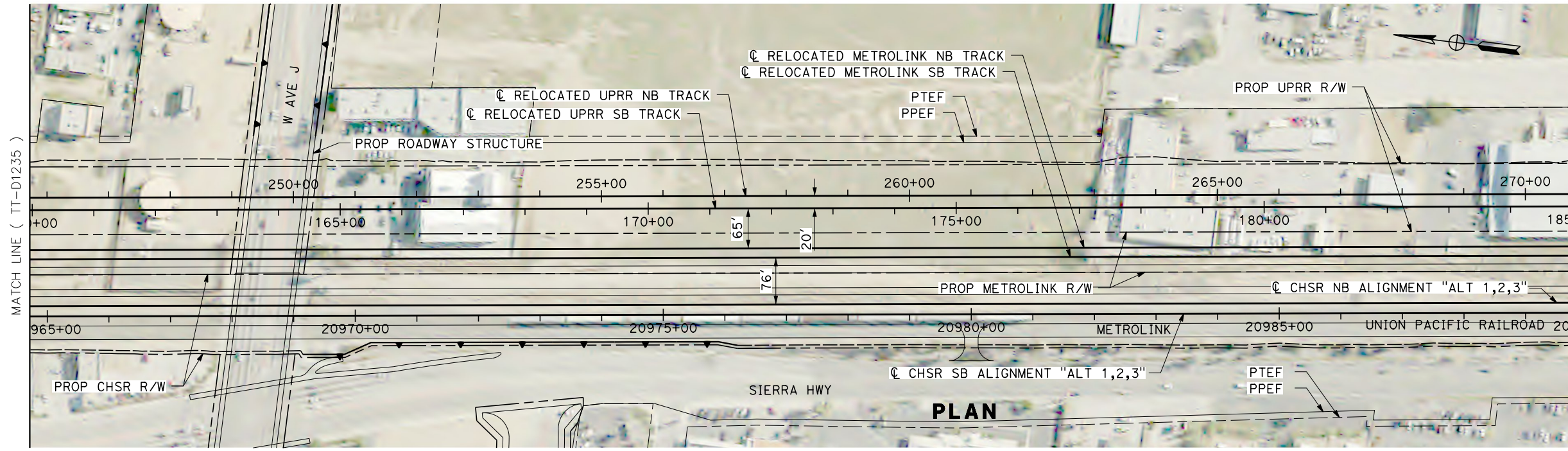
**NOT FOR
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 ALTERNATIVE 1,2,3
 UPRR RELOCATION
 STA 135+00 TO 160+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1235
 SCALE
AS SHOWN
 SHEET NO.
159

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\TT\BP-TT-D1236
 1/20/2021 6:13:12 AM
 jcs_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

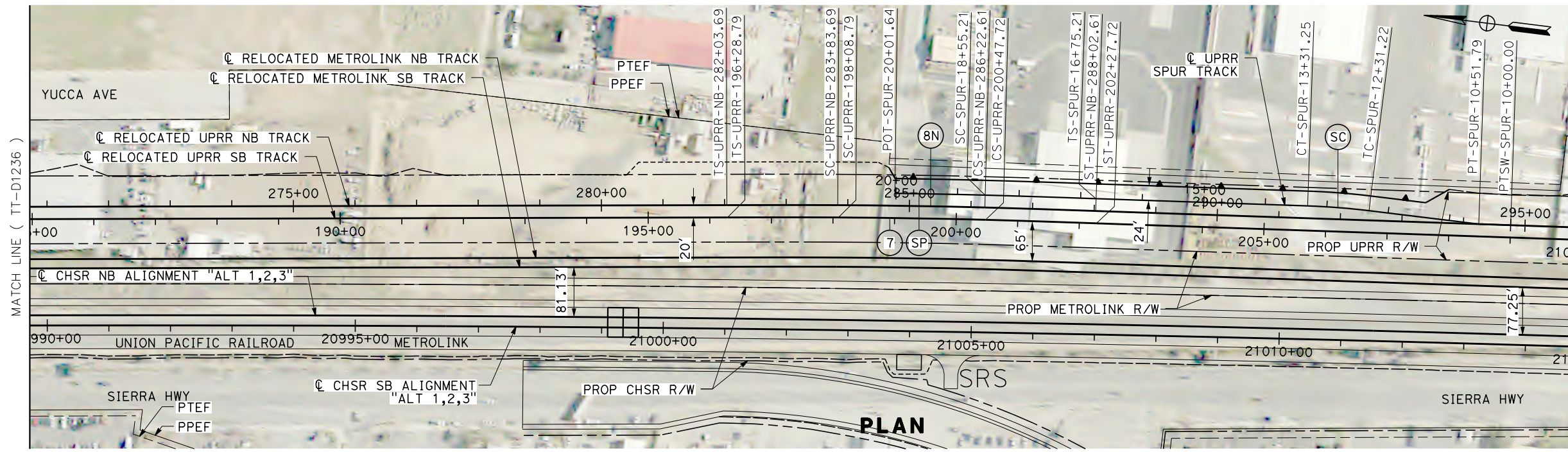
NOT FOR
CONSTRUCTION



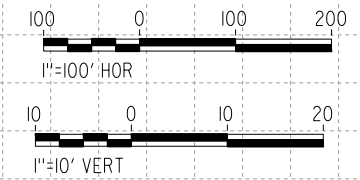
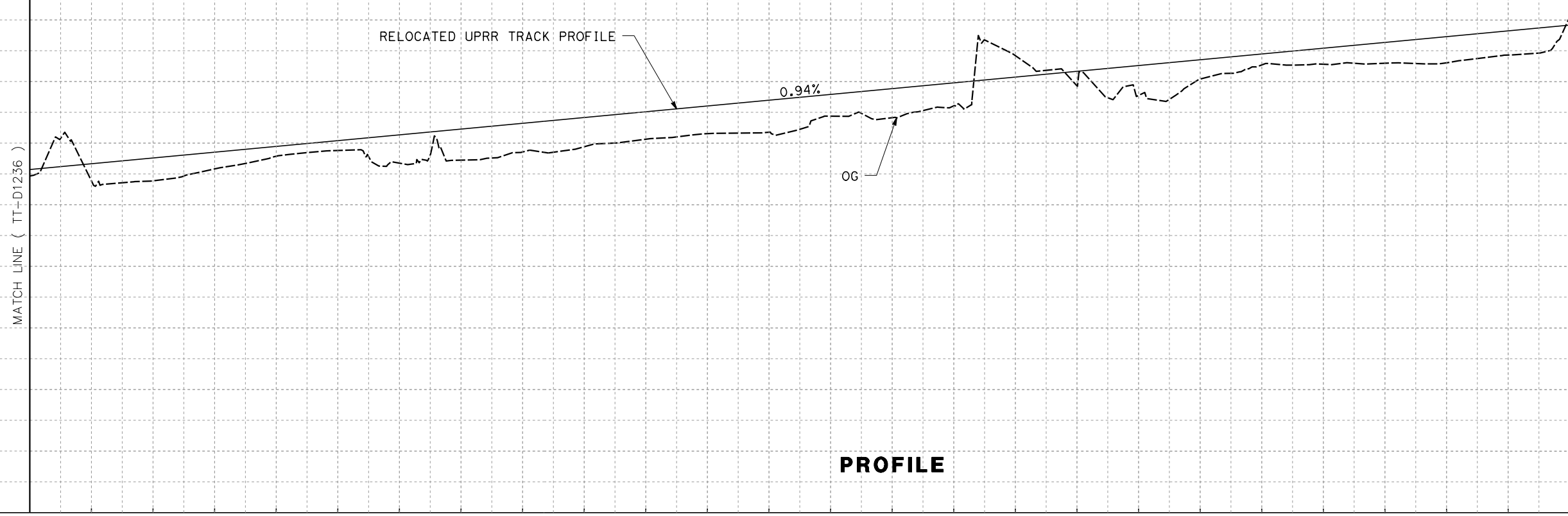
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 UPRR RELOCATION
 STA 160+00 TO 185+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1236
 SCALE
AS SHOWN
 SHEET NO.
160

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\TT\BP-TT-D1237
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 1/20/2021
 jcs_user_17609



CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
7	90	11,459.19	2.83	0.00	180	238.93
8N	90	11,459.19	2.83	0.00	180	238.93
SP	90	11,459.19	2.83	0.00	180	238.93
SC	20	1,146.28	2.83	0.00	0	100.03



REV	DATE	BY	CHK	APP	DESCRIPTION

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

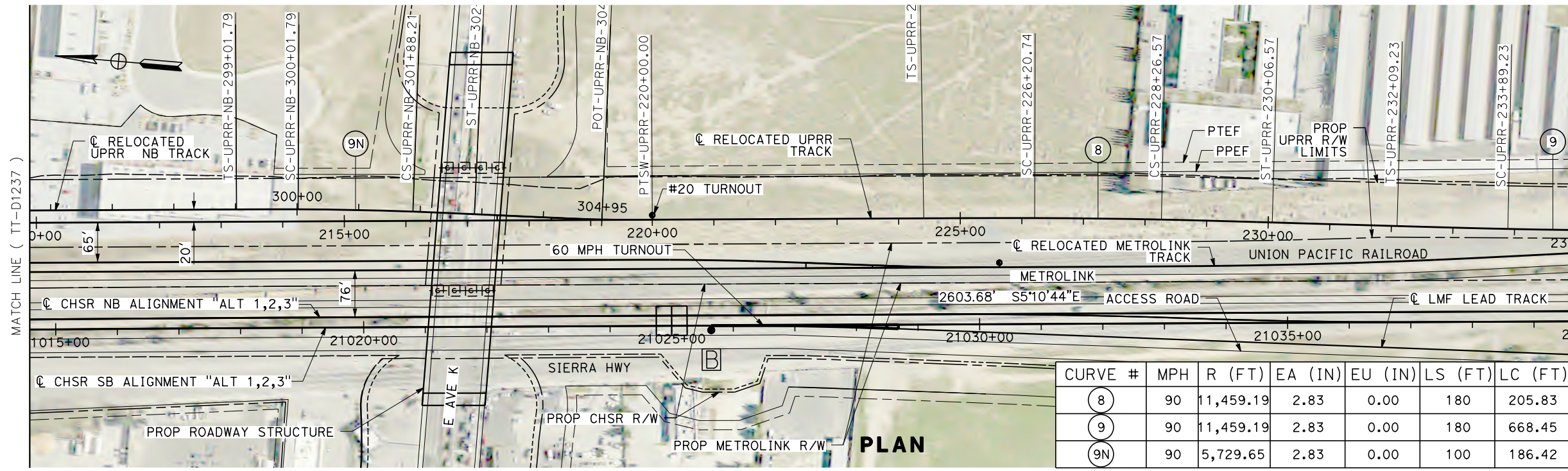
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

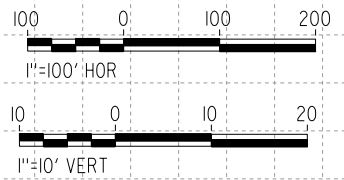
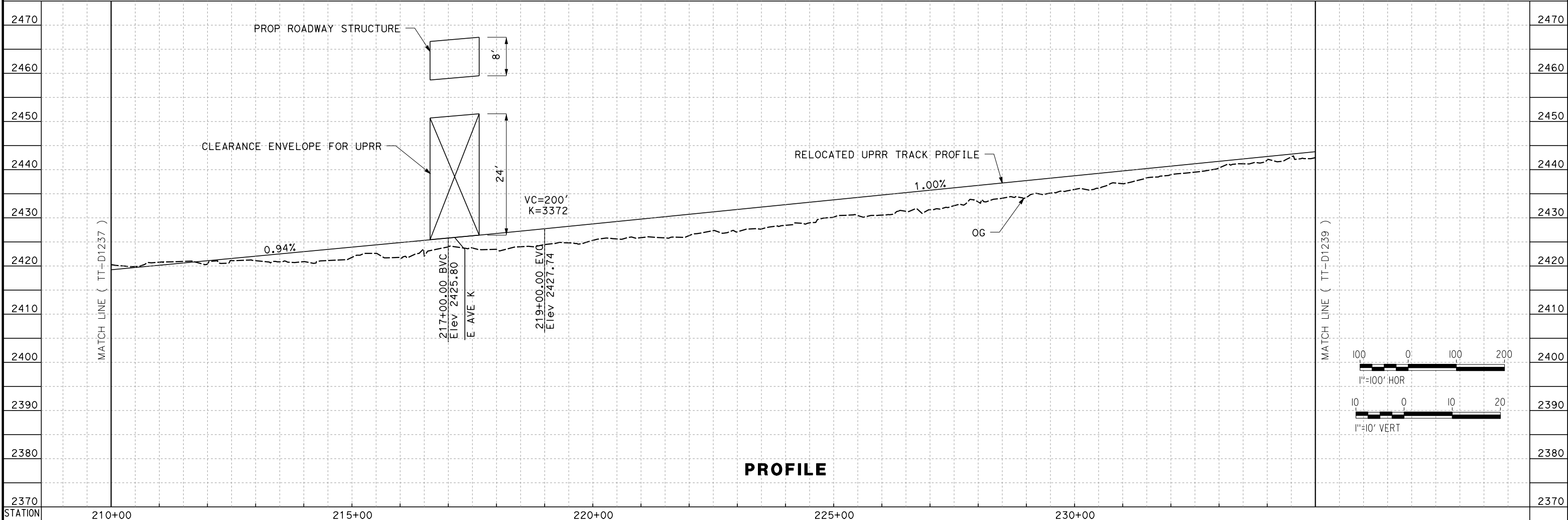


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 UPRR RELOCATION
 STA 185+00 TO 210+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
TT-D1237
 SCALE
AS SHOWN
 SHEET NO.
161



CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
8	90	11,459.19	2.83	0.00	180	205.83
9	90	11,459.19	2.83	0.00	180	668.45
9N	90	5,729.65	2.83	0.00	100	186.42



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
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
UPRR RELOCATION
STA 210+00 TO 235+00
PLAN AND PROFILE

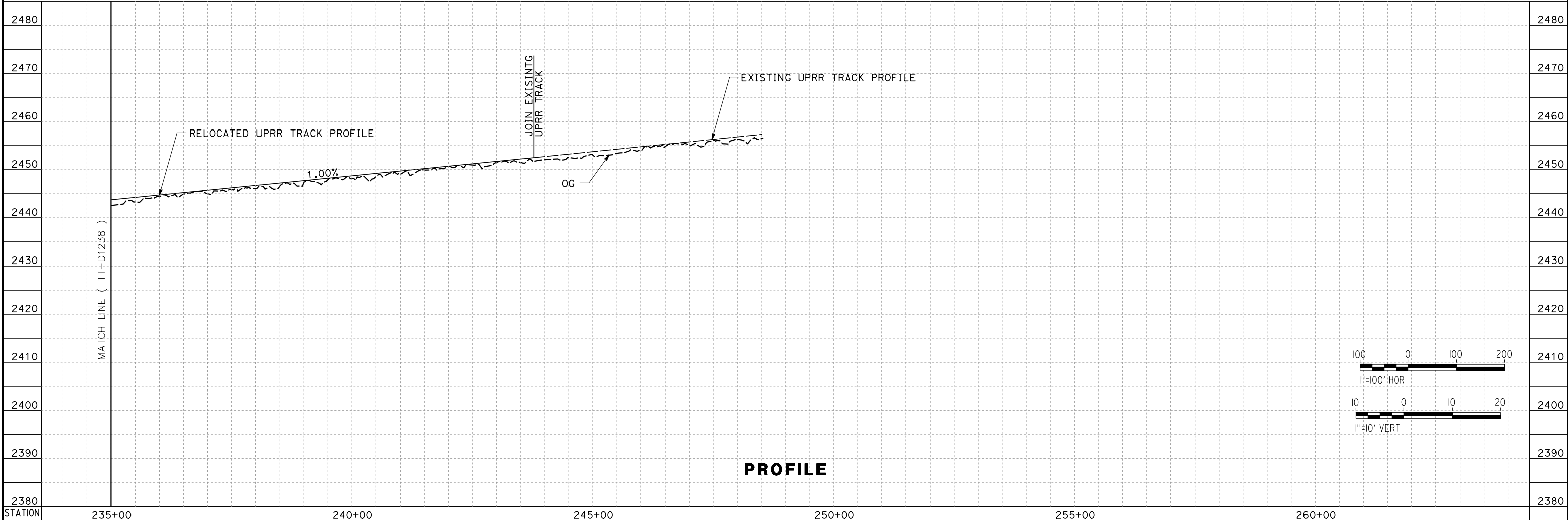
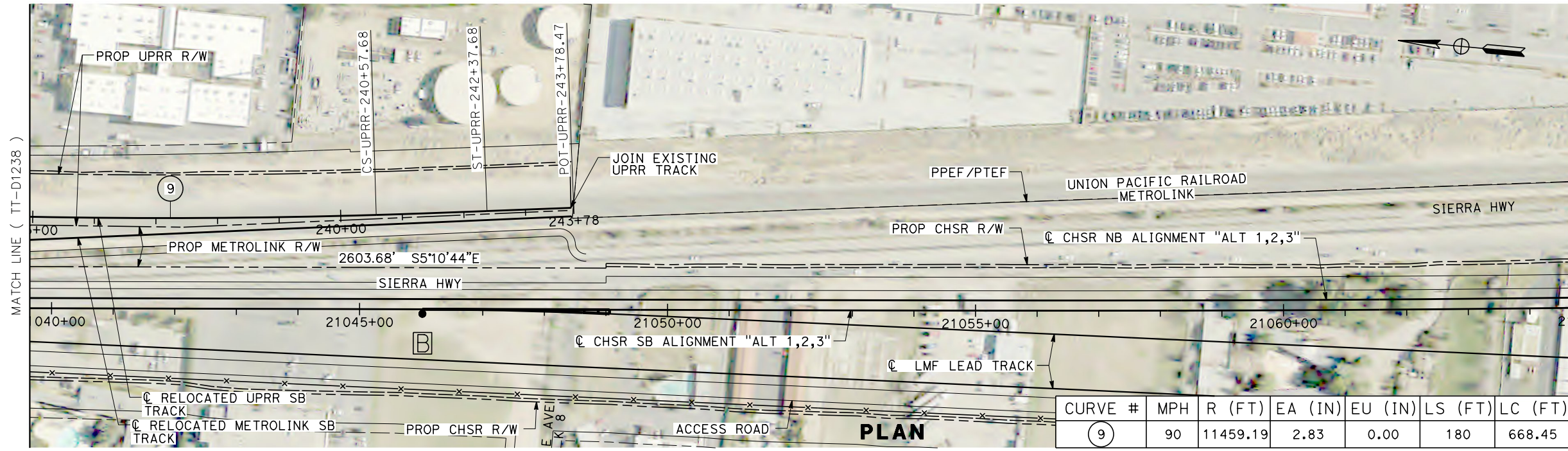
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HSR13-44
DRAWING NO.
TT-D1238
SCALE
AS SHOWN
SHEET NO.
162

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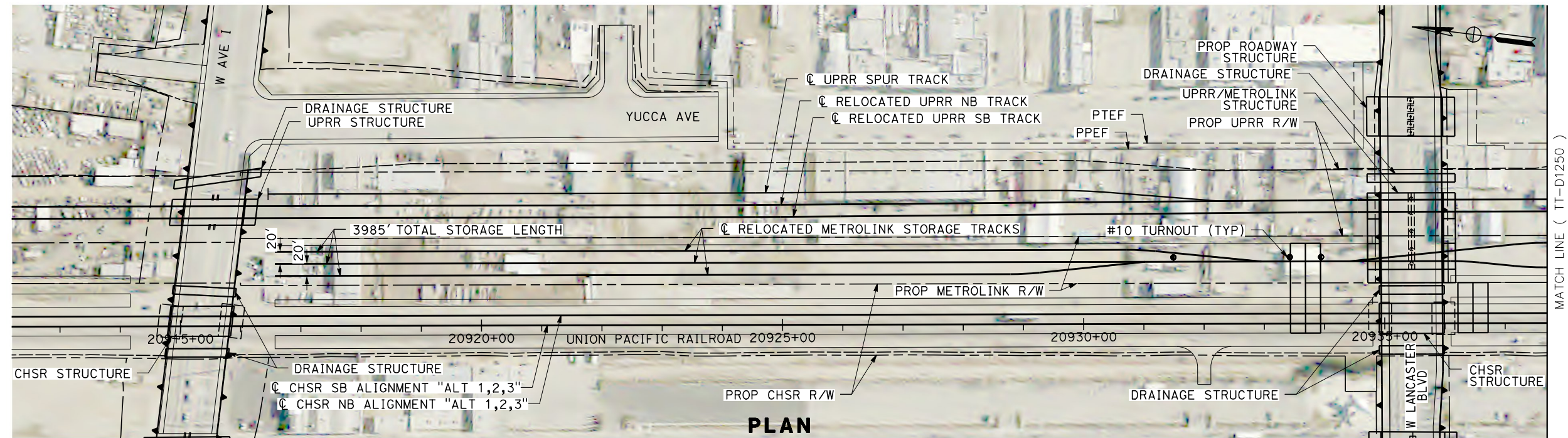
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1/20/2021

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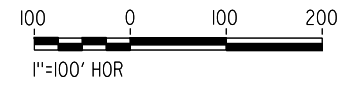


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REV	DATE	BY	CHK	APP	DESCRIPTION																						
DESIGNED BY A. CARSON	RECORD SET PEPD SUBMITTAL NOT FOR CONSTRUCTION																										
DRAWN BY A. CARSON																											
CHECKED BY S. LANDOLT																											
IN CHARGE G. CAMPBELL																											
DATE 01/29/2021																											
CONTRACT NO. HSR13-44																											
DRAWING NO. TT-D1239																											
SCALE AS SHOWN																											
SHEET NO. 163																											



MATCH LINE (TT-D1250)

PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
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
METROLINK RELOCATION
STORAGE TRACKS
PLAN

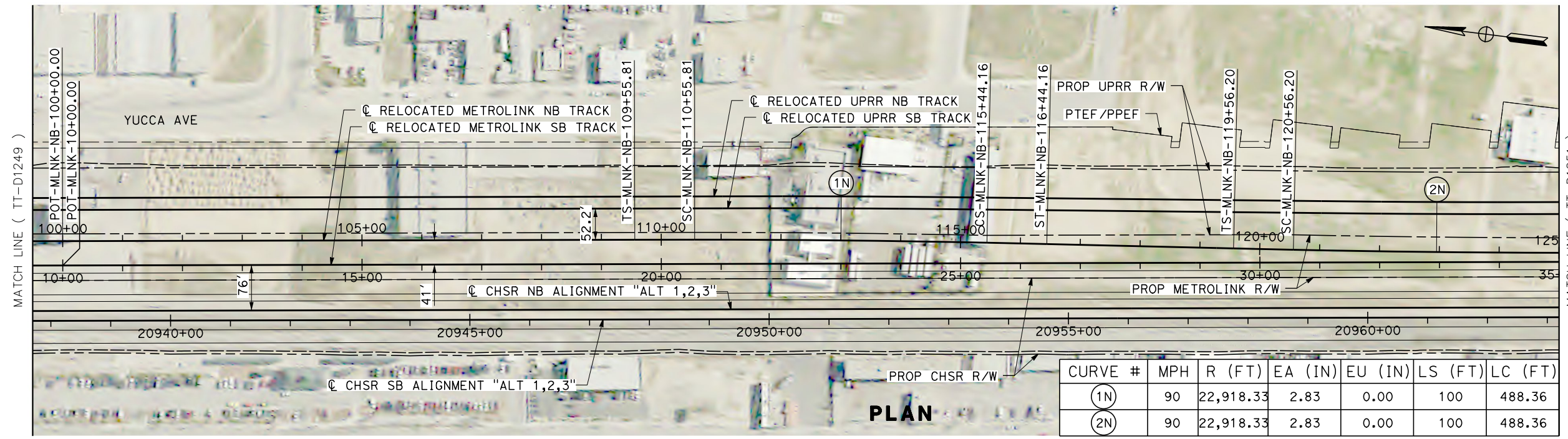
CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1249

SCALE
AS SHOWN

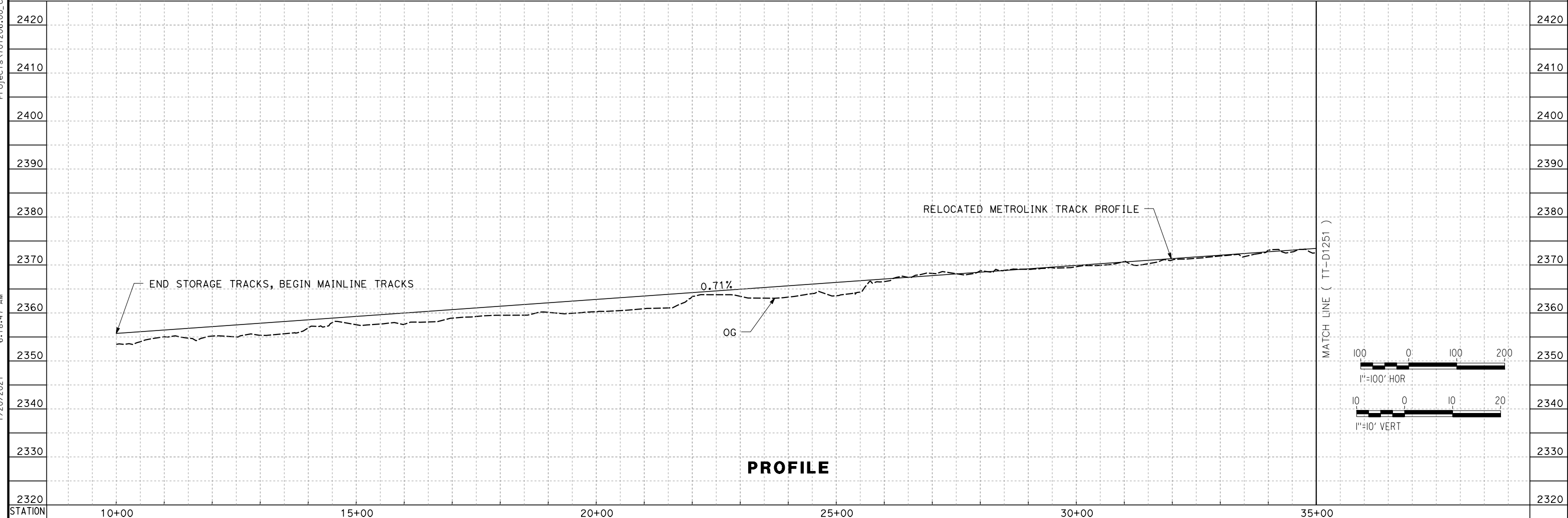
SHEET NO.
164

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 jcs_user_17609



CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
(1N)	90	22,918.33	2.83	0.00	100	488.36
(2N)	90	22,918.33	2.83	0.00	100	488.36

PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 METROLINK RELOCATION
 STA 10+00 TO 35+00
 PLAN AND PROFILE

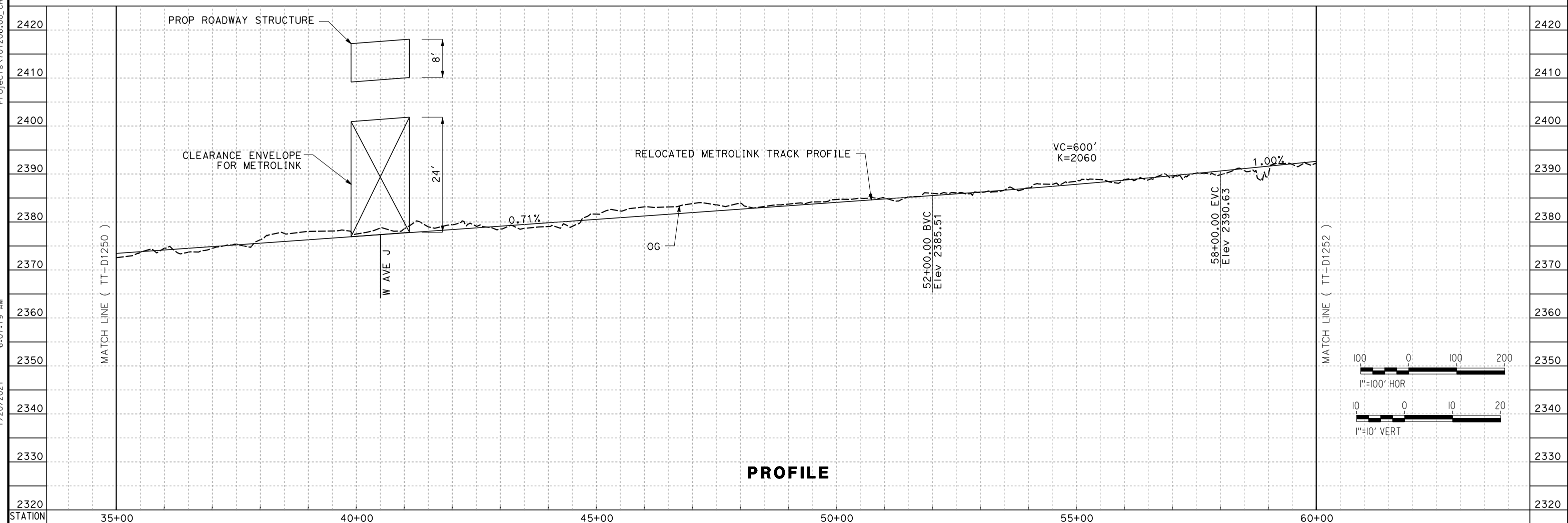
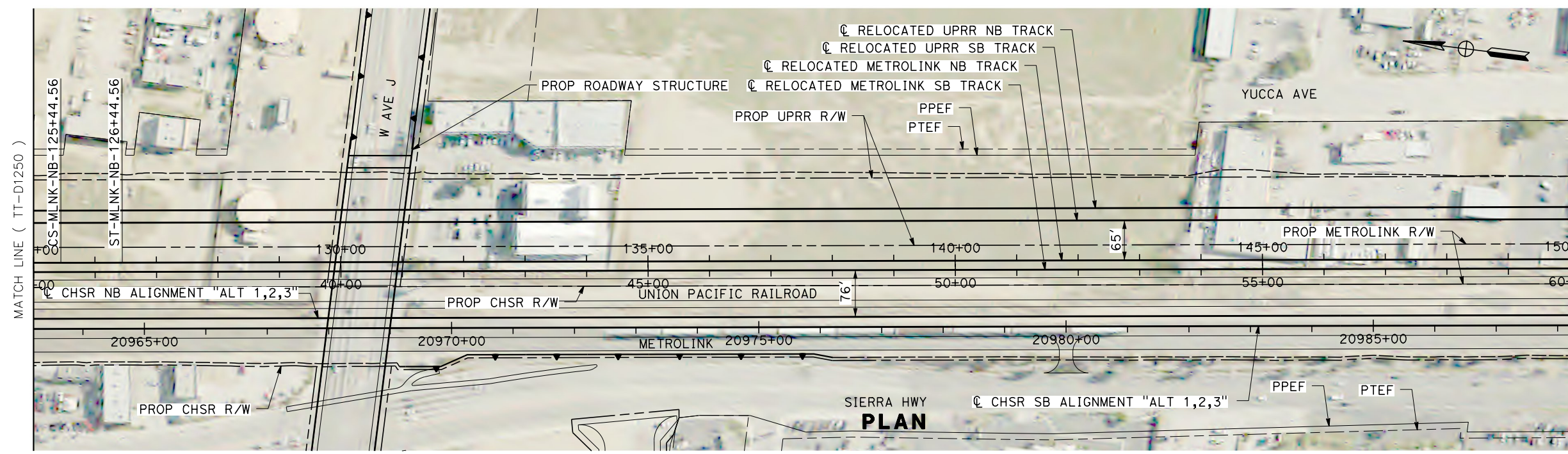
CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1250

SCALE
AS SHOWN

SHEET NO.
165

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 1/20/2021 6:07:19 AM
 jcs_user_17609



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 METROLINK RELOCATION
 STA 35+00 TO 60+00
 PLAN AND PROFILE

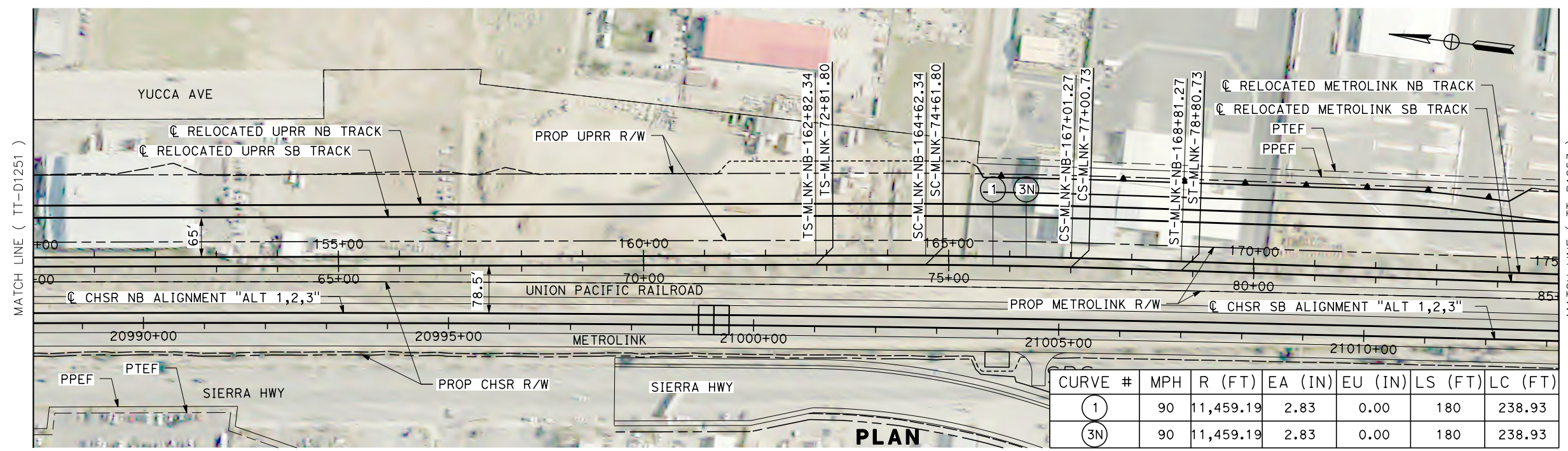
CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1251

SCALE
AS SHOWN

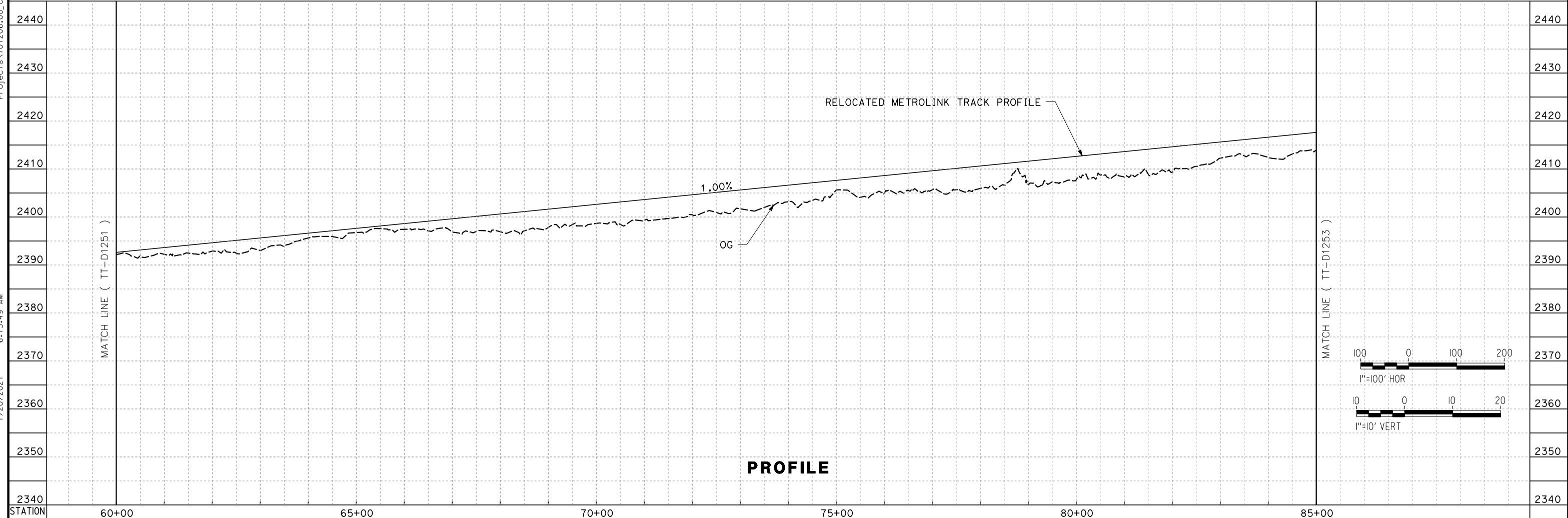
SHEET NO.
166

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 1/20/2021 6:13:49 AM
 jcs_user_17609

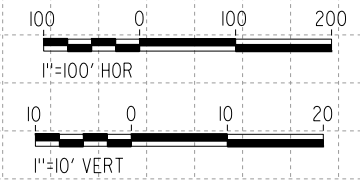


CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
①	90	11,459.19	2.83	0.00	180	238.93
③N	90	11,459.19	2.83	0.00	180	238.93

PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
S. LANDOLT
 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
 METROLINK RELOCATION
 STA 60+00 TO 85+00
 PLAN AND PROFILE

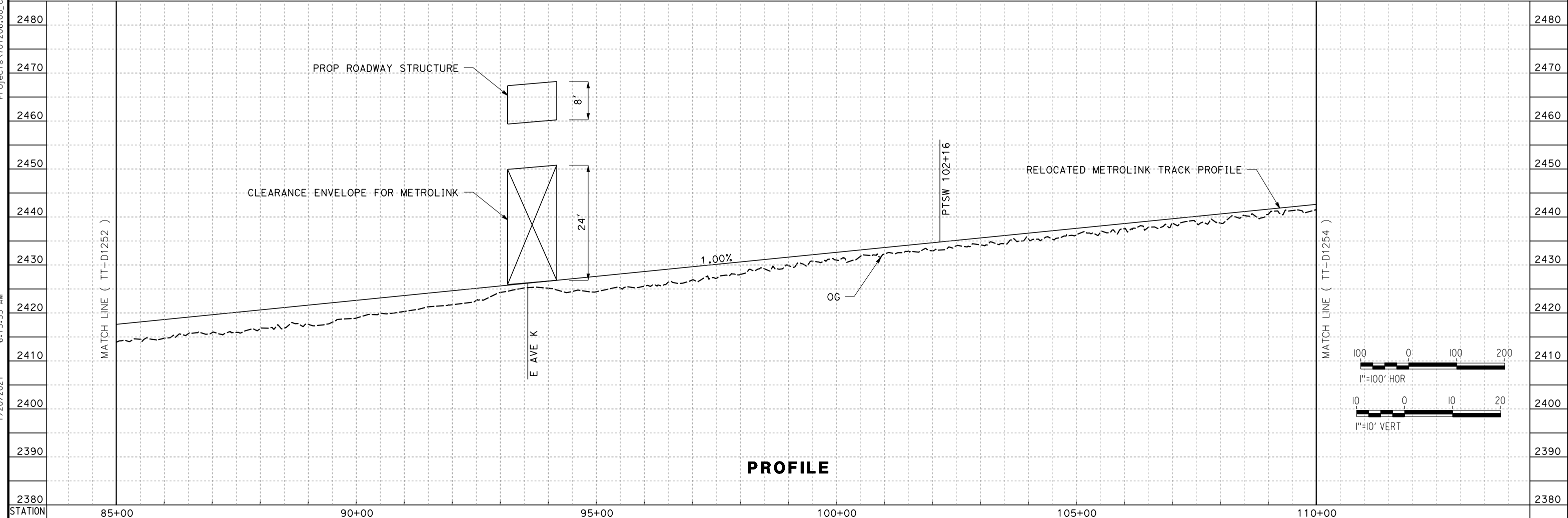
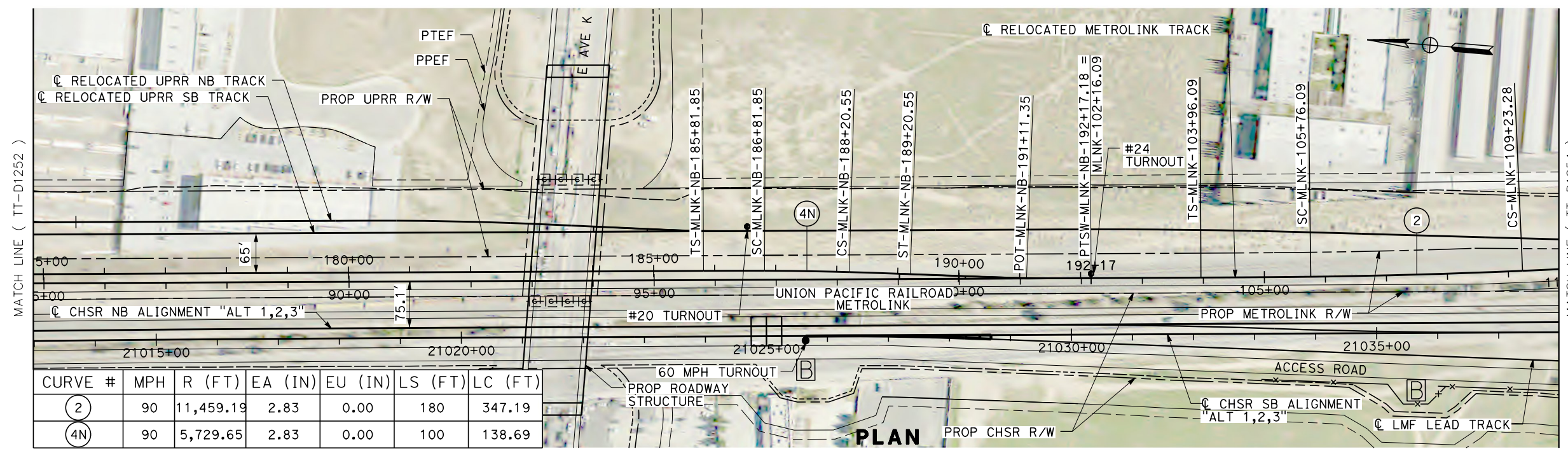
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HSR13-44
 DRAWING NO.
TT-D1252
 SCALE
AS SHOWN
 SHEET NO.
167

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6:13:35 AM

1/20/2021

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
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
METROLINK RELOCATION
STA 85+00 TO 110+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44

DRAWING NO.
TT-D1253

SCALE
AS SHOWN

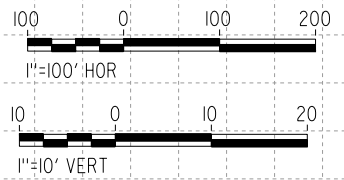
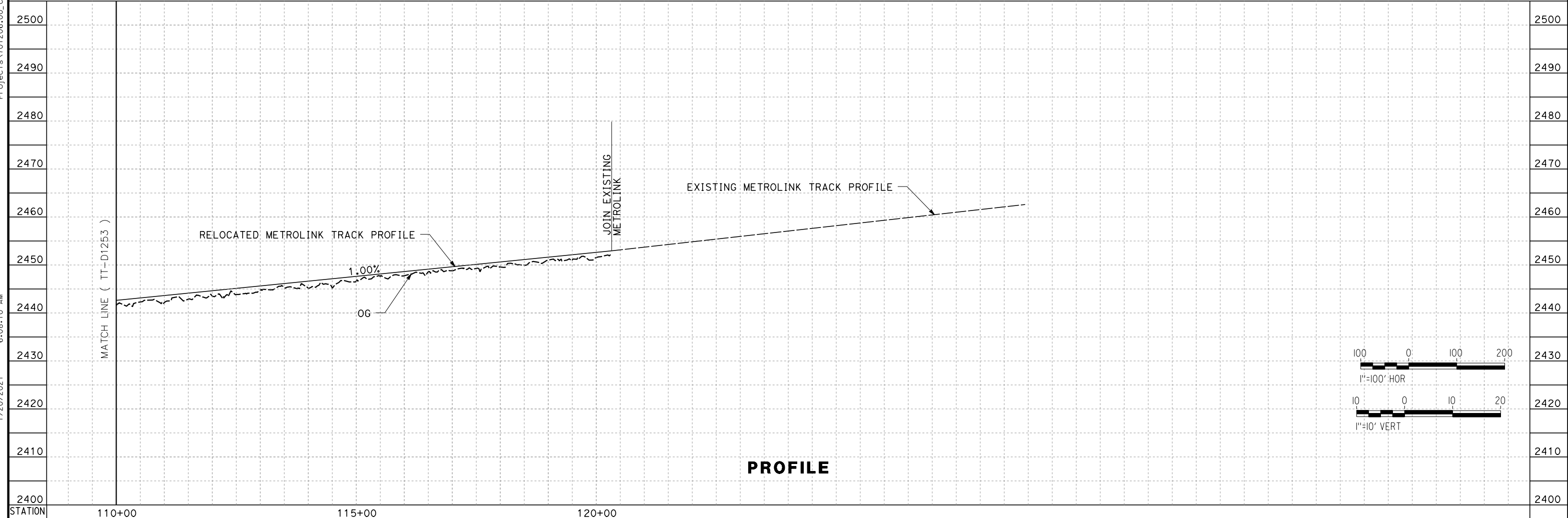
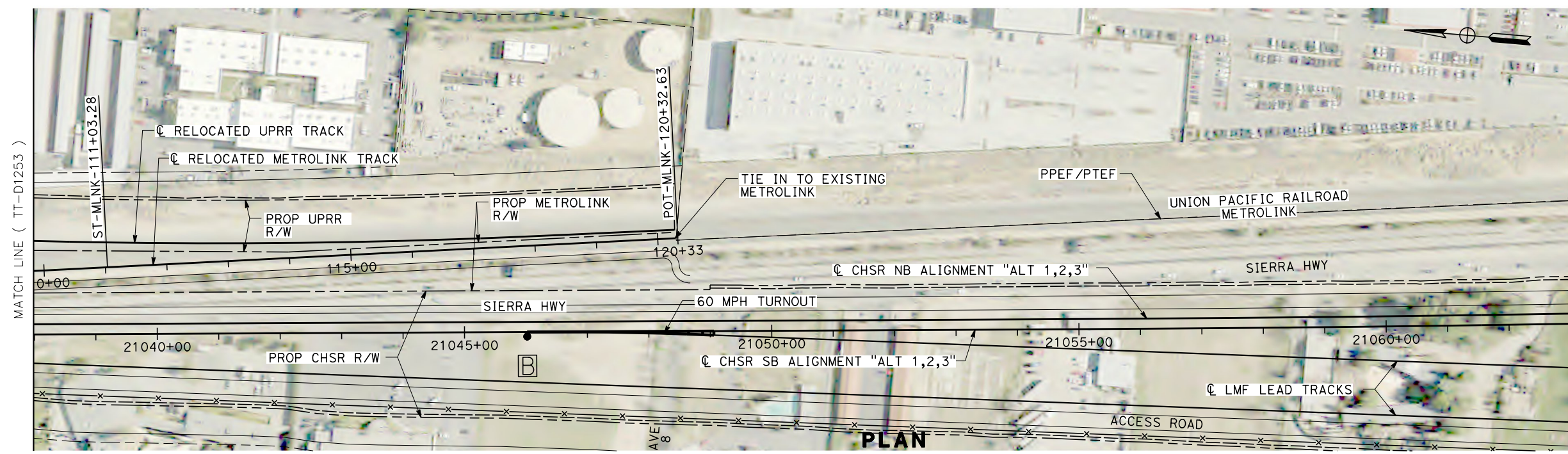
SHEET NO.
168

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6:08:10 AM

1/20/2021

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
DRAWN BY
A. CARSON
CHECKED BY
S. LANDOLT
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
METROLINK RELOCATION
STA 110+00 TO 120+32.63
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
TT-D1254
SCALE
AS SHOWN
SHEET NO.
169

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B0006

A

AB AGGREGATE BASE
 ABBC ASBESTOS BONDED BITUMINOUS COATED
 ABM AIR-BLOWN MORTAR
 ABN ABANDON
 ABUT ABUTMENT
 AC ASPHALT CONCRETE
 ACB ASPHALT CONCRETE BASE
 ACP ASBESTOS CEMENT PIPE
 ADL ADDED DEAD LOAD
 ADJ ADJUST
 AFES ALTERNATIVE FLARED END SECTION
 AHD AHEAD
 ALT ALTERNATE
 AM TIME FROM MIDNIGHT TO NOON
 AP ALTERNATIVE PIPE
 APC ALTERNATIVE PIPE CULVERT
 APPROX APPROXIMATE
 APU ALTERNATIVE PIPE UNDERDRAIN
 ARS ACCELERATION RESPONSE SPECTRUM
 AR ACCESS RESTRICTION
 AS AGGREGATE SUBBASE
 ASRP ALUMINUM SPIRAL RIB PIPE
 ASSY ASSEMBLY
 ATC AUTOMATIC TRAIN CONTROL
 ATPB ASPHALT TREATED PERMEABLE BASE
 ATPM ASPHALT TREATED PERMEABLE MATERIAL
 AVE AVENUE
 AVG AVERAGE
 @ AT

B

BAGR BRIDGE APPROACH GUARD RAILING
 BB BEGINNING OF BRIDGE
 BC BEGIN HORIZONTAL CURVE
 BCC BALANCED CANTILEVER CONSTRUCTION
 BCR BEGIN CURB RETURN
 BEG BEGIN
 BIT CTD BITUMINOUS COATED
 BK BACK
 BKF BACKFILL
 BLDG BUILDING
 BLM BRIDGE-LOG MILE
 BLVD BOULEVARD
 BM BENCH MARK
 BND BOUND
 BNSF BURLINGTON NORTHERN & SANTA FE
 BOT BOTTOM
 BR BRIDGE
 BRG BEARING
 BTU BRITISH THERMAL UNIT
 BVC BEGIN VERTICAL CURVE
 BW BARBED WIRE

C

CAA CABLE ANCHOR ASSEMBLY
 CAP CORRUGATED ALUMINUM PIPE
 CAPA CORRUGATED ALUMINUM PIPE ARCH
 CAS CONSTRUCTION AREA SIGN
 CB CONCRETE BARRIER
 CBW CONCRETE BLOCK WALL
 C-C CENTER TO CENTER
 CHSRA CALIFORNIA HIGH SPEED RAIL AUTHORITY
 CHST CALIFORNIA HIGH SPEED TRAIN
 CHSR CALIFORNIA HIGH SPEED RAIL
 CG CENTER OF GRAVITY
 CHNL CHANNEL
 CI CAST IRON
 CIDH CAST-IN-DRILLED-HOLE
 CIP,C-I-P CAST-IN-PLACE, CAST IRON PIPE
 CIPCP CAST IN PLACE CONCRETE PIPE
 CISS CAST-IN-STEEL-SHELL
 CJP COMPLETE JOINT PENETRATION
 CL CENTERLINE, CLASS
 CL2 CLASS 2
 CL-6 CHAIN LINK FENCE (6 FT)
 CLR CLEAR, CLEARANCE
 CM CORRUGATED METAL
 CMP CORRUGATED METAL PIPE
 CO COUNTY
 COL COLUMN
 CONC CONCRETE
 COND CONDUIT
 CONN CONNECTOR
 CONST CONSTRUCT, CONSTRUCTION
 CONT CONTINUOUS
 COORD COORDINATE
 CP CANDLEPOWER
 CR CREEK
 CRCP CONTINUOUS REINFORCED CONCRETE PAVEMENT
 CRSP CONCRETED ROCK SLOPE PROTECTION
 CS CURVE TO SPIRAL
 CSP CORRUGATED STEEL PIPE
 CSPA CORRUGATED STEEL PIPE ARCH
 CTB CEMENT TREATED BASE
 CTPB CEMENT TREATED PERMEABLE BASE
 CTPM CEMENT TREATED PERMEABLE MATERIAL
 CTRS CENTERS
 CVFPB CENTRAL VALLEY FLOOD PROTECTION BOARD
 CULV CULVERT
 C CENTERLINE

D

D DEPTH
 DD DOWNDRAIN, DIRECTIVE DRILLING
 DBL DOUBLE
 DEG DEGREE
 DEL DELINEATOR
 DET DETAIL, DETOUR
 DF DOUGLAS FIR
 DI DRAINAGE INLET, DROP INLET
 DIA DIAMETER
 DIAPH DIAPHRAGM
 DIST DISTANCE, DISTRICT
 DMBB DOUBLE METAL BEAM BARRIER
 DR DRIVE
 DTBB DOUBLE THRIE BEAM BARRIER
 DWP DEPARTMENT OF WATER AND POWER
 DWY DRIVEWAY

E

E EAST, EASTING
 EA ACTUAL SUPERELEVATION
 EU UNBALANCED SUPERELEVATION
 EASE EASEMENT
 EB END OF BRIDGE, EASTBOUND
 EC END HORIZONTAL CURVE
 ECR END CURB RETURN
 ED EDGE DRAIN
 EDC EDGE DRAIN CLEANOUT
 EDO EDGE DRAIN OUTLET
 EDV EDGE DRAIN VENT
 ELEC ELECTROLIER
 ELECT ELECTRIC
 ELEV ELEVATION
 EMB EMBANKMENT
 ENGR ENGINEER
 EOD EDGE OF DECK
 EP EDGE OF PAVEMENT
 EQ EQUATION, EQUAL
 ES EDGE OF SHOULDER
 ETW EDGE OF TRAVELED WAY
 EVC END VERTICAL CURVE
 EW ENDWALL
 EXC EXCAVATION
 EXIST, EX. EXISTING
 EXP EXPANSION
 EXP JT EXPANSION JOINT
 EXWY EXPRESSWAY
 EXT EXTERIOR

F

F & C FRAME AND COVER
 F & G FRAME AND GRATE
 FB FLOOR BEAM
 F-B FRESNO TO BAKERSFIELD
 FDN FOUNDATION
 FEBT FACING EASTBOUND TRAFFIC
 FES FLARED END SECTION
 FF FILTER FABRIC
 FG FINISHED GRADE
 FH FIRE HYDRANT
 FIG FIGURE
 FL FLOW LINE
 FNBT FACING NORTHBOUND TRAFFIC
 FOC FACE OF CONCRETE
 FR RD FRONTAGE ROAD
 FS FAR SIDE, FINISHED SURFACE
 FSBT FACING SOUTHBOUND TRAFFIC
 FT FOOT, FEET
 FTG FOOTING
 FWBT FACING WESTBOUND TRAFFIC
 FWY FREEWAY
 FPLM FULL SPAN PRECAST LAUNCHING METHOD

G

G ACCELERATION DUE TO GRAVITY
 GA GAGE
 GALV GALVANIZED
 GP GRADING PLANE
 GR GUARD RAILING
 GSP GALVANIZED STEEL PIPE
 GTR GUTTER

H

H HEIGHT
 HR HOUR
 HD HORIZONTAL DRAIN
 HDC HIGH DESERT CORRIDOR
 HDWL HEADWALL
 HEX HD HEXAGONAL HEAD
 HMA HOT MIXED ASPHALT
 HORIZ HORIZONTAL
 HP HINGE POINT, HORSEPOWER
 HPS HIGH PERFORMANCE STEEL
 HS HIGH STRENGTH
 HST HIGH SPEED TRAIN
 HSR HIGH SPEED RAIL
 HV HIGH VOLTAGE
 HW HEADWALL, HIGH WATER
 HWM HIGH WATER MARK
 HWY HIGHWAY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

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

ALTERNATIVE 1,2,3,5
 GENERAL
 ABBREVIATIONS
 SHEET 1 OF 3

CONTRACT NO.
HSR13-44
 DRAWING NO.
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I

IB IMPORTED BORROW
 ID INSIDE DIAMETER
 IF INSIDE FACE
 IN INCH, INCHES
 INT INTERIOR
 INV INVERT
 IRR IRRIGATION

J

JCT JUNCTION
 JP JOINT POLE
 JPCP JOINTED PLAIN CONCRETE PAVEMENT
 JS JUNCTION STRUCTURE
 JT JOINT

K

K DISTANCE TO ACHIEVE 1% GRADE CHANGE

L

L LENGTH
 LAT LATITUDE
 LCB LEAN CONCRETE BASE
 LGA LOCALLY GENERATED ALTERNATIVE
 LMF LIGHT MAINTENANCE FACILITY
 LN LANE
 LOC LOCATION
 LOL LAYOUT LINE
 LONG LONGITUDE
 LONGIT LONGITUDINAL
 LS LENGTH OF SPIRAL
 LC LENGTH OF CURVE
 LT LEFT
 LV LOW VOLTAGE

M

MAINT MAINTENANCE
 MAX MAXIMUM
 MB METAL BEAM
 MBB METAL BEAM BARRIER
 MBGR METAL BEAM GUARD RAILING
 MED MEDIAN
 MH MANHOLE
 MIN MINIMUM
 MISC MISCELLANEOUS
 MISC I & S MISCELLANEOUS IRON AND STEEL
 MKR MARKER
 M/L MAIN LINE (RAILWAY)
 MOD MODIFIED, MODIFY
 MON MONUMENT
 MOWF MAINTENANCE OF WAY FACILITY
 MOWS MAINTENANCE OF WAY SIDING
 MP METAL PLATE

M CONTINUED

MPGR METAL PLATE GUARD RAILING
 MPH MILES PER HOUR
 MR MOVEMENT RATING
 MSE MECHANICALLY STABILIZED EARTH
 MTL MATERIAL
 MSS MOVING SCAFFOLDING SYSTEM

N

N NORTH, NORTHING
 NB NORTHBOUND
 NO. NUMBER (MUST HAVE PERIOD)
 NOS. NUMBERS (MUST HAVE PERIOD)
 NPS NOMINAL PIPE SIZE
 NS NEAR SIDE
 NTS NOT TO SCALE
 N/A NOT APPLICABLE

O

OBLR OBLITERATE
 OC OVERCROSSING
 OCS OVERHEAD CONTACT SYSTEM
 OD OUTSIDE DIAMETER
 OF OUTSIDE FACE
 OG ORIGINAL GROUND
 OGAC OPEN GRADED ASPHALT CONCRETE
 OH OVERHEAD
 O-O OUT TO OUT
 OPP OPPOSITE

P

P PAGE
 PAP PERFORATED ALUMINUM PIPE
 PB PULL BOX, PALMDALE TO BURBANK
 PC POINT OF CURVATURE, PRECAST
 PCC POINT OF COMPOUND CURVE,
 PORTLAND CEMENT CONCRETE
 PCP PERFORATED CONCRETE PIPE,
 PRESTRESSED CONCRETE PIPE
 PCVC POINT OF COMPOUND VERTICAL CURVE
 PED PEDESTRIAN
 PED OC PEDESTRIAN OVERCROSSING
 PED UC PEDESTRIAN UNDERCROSSING
 PERM MTL PERMEABLE MATERIAL
 PG PROFILE GRADE
 PG&E PACIFIC GAS AND ELECTRIC
 PI POINT OF INTERSECTION
 PJP PARTIAL JOINT PENETRATION
 PL PLATE
 P/L PROPERTY LINE
 PM POST MILE, TIME FROM NOON TO MIDNIGHT
 PN PAVING NOTCH

P CONTINUED

POB POINT OF BEGINNING
 POC POINT OF HORIZONTAL CURVE
 POE POINT OF ENDING
 POT POINT OF TANGENT
 POVC POINT OF VERTICAL CURVE
 PP PIPE PILE, PLASTIC PIPE, POWER POLE
 PPEF PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT
 PPL PREFORMED PERMEABLE LINER
 PPP PERFORATED PLASTIC PIPE
 PRC POINT OF REVERSE CURVE
 PRF PAVEMENT REINFORCING FABRIC
 PROP PROPOSED
 PRVC POINT OF REVERSE VERTICAL CURVE
 PS&E PLANS, SPECIFICATIONS AND ESTIMATES
 PS, P/S PRESTRESSED, PARALLELING STATION
 PSP PERFORATED STEEL PIPE
 PT POINT OF TANGENCY
 PTEF PROPOSED TEMPORARY ENVIRONMENTAL FOOTPRINT
 PTSW POINT OF TRACK SWITCH
 PVC POLYVINYL CHLORIDE
 PVI POINT OF VERTICAL INTERSECTION
 PVMT PAVEMENT
 PVP MAINTENANCE VEHICLE PULLOUT

QTY QUANTITY

Q

R

R RADIUS
 R & D REMOVE AND DISPOSE
 R & S REMOVE AND SALVAGE
 R/C RATE OF CHANGE
 RCA REINFORCED CONCRETE ARCH
 RCB REINFORCED CONCRETE BOX
 RCP REINFORCED CONCRETE PIPE
 RCPA REINFORCED CONCRETE PIPE ARCH
 RD ROAD
 REINF REINFORCED, REINFORCEMENT,
 REINFORCING
 REL RELOCATE
 REPL REPLACEMENT
 RET RETAINING
 REV REVISED
 RDWY ROADWAY
 RM ROAD-MIXED
 RP RADIUS POINT, REFERENCE POINT
 RR RAILROAD
 RSP ROCK SLOPE PROTECTION
 RT RIGHT
 RTE ROUTE
 RW REDWOOD, RETAINING WALL

R CONTINUED

R/W RIGHT OF WAY
 RWY RAILWAY

S

S SOUTH, SUPPLEMENT
 SAE STRUCTURE APPROACH EMBANKMENT
 SALV SALVAGE
 SAPP STRUCTURAL ALUMINUM PLATE PIPE
 SB SOUTHBOUND
 SC SPIRAL TO CURVE
 SCE SOUTHERN CALIFORNIA EDISON
 SCSP SLOTTED CORRUGATED STEEL PIPE
 SD STORM DRAIN
 SEC SECOND
 SECT SECTION
 SEP SEPARATION
 SG SUBGRADE
 SHLD SHOULDER
 SHT SHEET
 SIM SIMILAR
 S STATION LINE
 SM SELECTED MATERIAL
 SPEC SPECIAL, SPECIFICATIONS
 SPP SLOTTED PLASTIC PIPE
 SS SLOPE STAKE, SPIRAL TO SPIRAL,
 SUPPLY STATION

SSBM STRAP AND SADDLE BRACKET METHOD
 SSD STRUCTURAL SECTION DRAIN
 SSPA STRUCTURAL STEEL PLATE ARCH
 SSPP STRUCTURAL STEEL PLATE PIPE
 SSPPA STRUCTURAL STEEL PLATE PIPE ARCH
 SSRP STEEL SPIRAL RIB PIPE
 SR STATE ROUTE
 ST STREET, SPIRAL TO TANGENT
 STA STATION
 STBB SINGLE THRIE BEAM BARRIER
 STD STANDARD
 STR STRUCTURE
 SRS STAND ALONE RADIO SITE
 SURF SURFACING
 SW SIDEWALK, SOUND WALL
 SWR SEWER
 SWS SWITCHING STATION
 SYM SYMMETRICAL
 S4S SURFACE 4 SIDES
 SJVR SAN JOAQUIN VALLEY RAILROAD

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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E. BALDWIN
 CHECKED BY
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 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

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

ALTERNATIVE 1,2,3,5
 GENERAL
 ABBREVIATIONS
 SHEET 2 OF 3

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B0007
 SCALE
AS SHOWN
 SHEET NO.
171

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T

T SEMI-TANGENT
 TAB TABLET
 TAN TANGENT
 TBB THRIE BEAM BARRIER
 TBR TIMBER
 TC TOP OF CURB, TANGENT TO CURVE
 TCB TRAFFIC CONTROL BOX
 TEL TELEPHONE
 TEMP TEMPORARY
 TG TOP OF GRADE
 TM TECHNICAL MEMORANDUM
 TOT TOTAL
 TP TRACTION POWER, TUNNEL PORTAL
 TPB TREATED PERMEABLE BASE
 TPM TREATED PERMEABLE MATERIAL
 TRANS TRANSITION, TRANSVERSE
 TS TRAFFIC SIGNAL, TUBULAR STEEL,
 TANGENT TO SPIRAL
 TOR TOP OF RAIL
 TYP TYPICAL

U

UC UNDERCROSSING
 UD UNDERDRAIN
 UON UNLESS OTHERWISE NOTED
 UP UNDERPASS
 UPRR UNION PACIFIC RAILROAD
 USFWS UNITED STATES FISH AND WILDLIFE
 SERVICE

V

V VALVE, DESIGN SPEED
 VAR VARIABLE
 VC VERTICAL CURVE
 VCP VITRIFIED CLAY PIPE
 VERT VERTICAL
 VIA VIADUCT
 VOL VOLUME

W

W WEST,
 WIDTH
 WB WESTBOUND
 WH WEEP HOLE
 WM WIRE MESH
 WS WATER SURFACE
 WSP WELDED STEEL PIPE
 WT WEIGHT
 WV WATER VALVE
 WW WINGWALL
 WWL WINGWALL LAYOUT LINE
 W/ WITH

X

X SEC CROSS SECTION
 XING CROSSING

Y

YR YEAR
 YRS YEARS

Z

REV	DATE	BY	CHK	APP	DESCRIPTION

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

ALTERNATIVE 1,2,3,5
 GENERAL
 ABBREVIATIONS
 SHEET 3 OF 3

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-B0008

SCALE
AS SHOWN

SHEET NO.
172

LEGEND:

PLAN

SECTION NUMBER

DRAWING NUMBER

XX CURVE DATA (ALIGNMENTS,ROADWAYS)

XX LINE DATA (ALIGNMENTS,ROADWAYS)

NORTH ARROW

EXIST RIGHT OF WAY

LIMITS OF EXCAVATION (CUT)

LIMITS OF EMBANKMENT (FILL)

FAULT ZONE

EXIST CALTRANS RIGHT OF WAY

EXIST RETAINING WALL

PPEF

PROPOSED COLUMN/FOOTING

PROPOSED FENCE

PROPOSED RETAINING WALL

PROPOSED CONCRETE BARRIER

PROPOSED RIGHT OF WAY

PROPOSED TUNNEL

PTEF

SRS

STANDALONE RADIO SITE

A AUTOMATIC TRAIN CONTROL SYSTEM SITE A

B AUTOMATIC TRAIN CONTROL SYSTEM SITE B

D AUTOMATIC TRAIN CONTROL SYSTEM SITE D

PLAN

E AUTOMATIC TRAIN CONTROL SYSTEM SITE E

TRACK CROSSING PANEL

SS SUPPLY STATION

SWS SWITCHING STATION

PS PARALLELING STATION

UTILITIES

w-w EXISTING AQUEDUCT

-e-e- EXISTING ELECTRICAL TRANSMISSION

gs-gs EXISTING GAS LINE

PROFILE

ORIGINAL GROUND

PROPOSED CHSR ELEVATION

STRUCTURAL CLEARANCE ENVELOPE

GENERAL NOTES

1. SB TRACK ALIGNMENT STATIONING IS PROVIDED.
2. PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT (PPEF) SHOWN IS LIMIT OF PERMANENT GROUND DISTURBANCE ASSOCIATED WITH THE PROJECT.
3. PROPOSED TEMPORARY ENVIRONMENTAL FOOTPRINT (PTEF) SHOWN IS LIMIT OF TEMPORARY GROUND DISTURBANCE ASSOCIATED WITH THE PROJECT.
4. ALL UTILITIES ARE TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
5. FOR DETAILED STRUCTURE DEPTH INFORMATION SEE STRUCTURAL PLAN SET.

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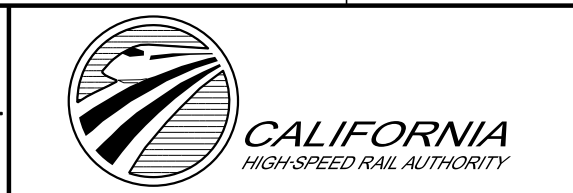
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D. HOLMAN

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

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

ALTERNATIVE 1,2,3,5
GENERAL
SYMBOLS, LEGEND, AND GENERAL NOTES
SHEET 1 OF 1

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-B0009

SCALE
AS SHOWN

SHEET NO.
173

LEGEND:

PLAN

SECTION NUMBER

DRAWING NUMBER

XX CURVE DATA (ALIGNMENTS, ROADWAYS)

XX LINE DATA (ALIGNMENTS, ROADWAYS)

NORTH ARROW

EXIST RIGHT OF WAY

LIMITS OF EXCAVATION (CUT)

LIMITS OF EMBANKMENT (FILL)

FAULT ZONE

EXIST RETAINING WALL

PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT

PROPOSED COLUMN/FOOTING

PROPOSED FENCE

PROPOSED RETAINING WALL

PROPOSED CONCRETE BARRIER

PROPOSED RIGHT OF WAY

PROPOSED TUNNEL

PROPOSED TEMPORARY ENVIRONMENTAL FOOTPRINT

SRS STANDALONE RADIO SITE

A AUTOMATIC TRAIN CONTROL SYSTEM SITE A

B AUTOMATIC TRAIN CONTROL SYSTEM SITE B

D AUTOMATIC TRAIN CONTROL SYSTEM SITE D

PLAN

E AUTOMATIC TRAIN CONTROL SYSTEM SITE E

TRACK CROSSING PANEL

SS SUBSTATION

SWS SWITCHING STATION

PS PARALLELING STATION

UTILITIES

w EXISTING AQUEDUCT

e EXISTING ELECTRICAL TRANSMISSION

gs EXISTING GAS LINE

PROFILE

ORIGINAL GROUND

PROPOSED GRADE

GENERAL NOTES

1. SB TRACK ALIGNMENT STATIONING IS PROVIDED.
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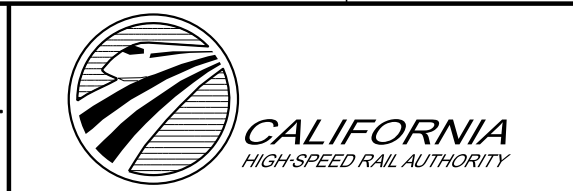
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01/29/2021

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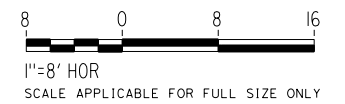
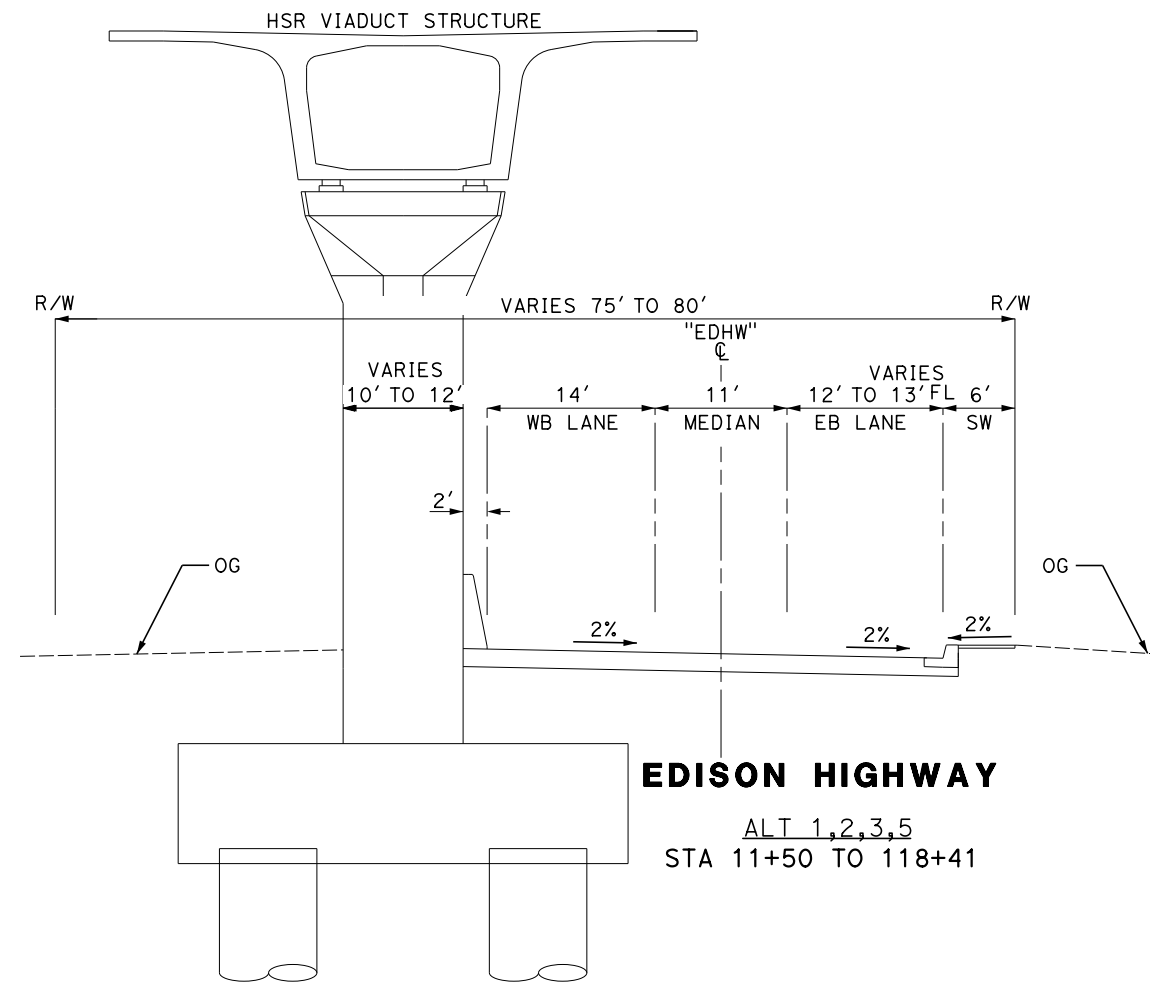
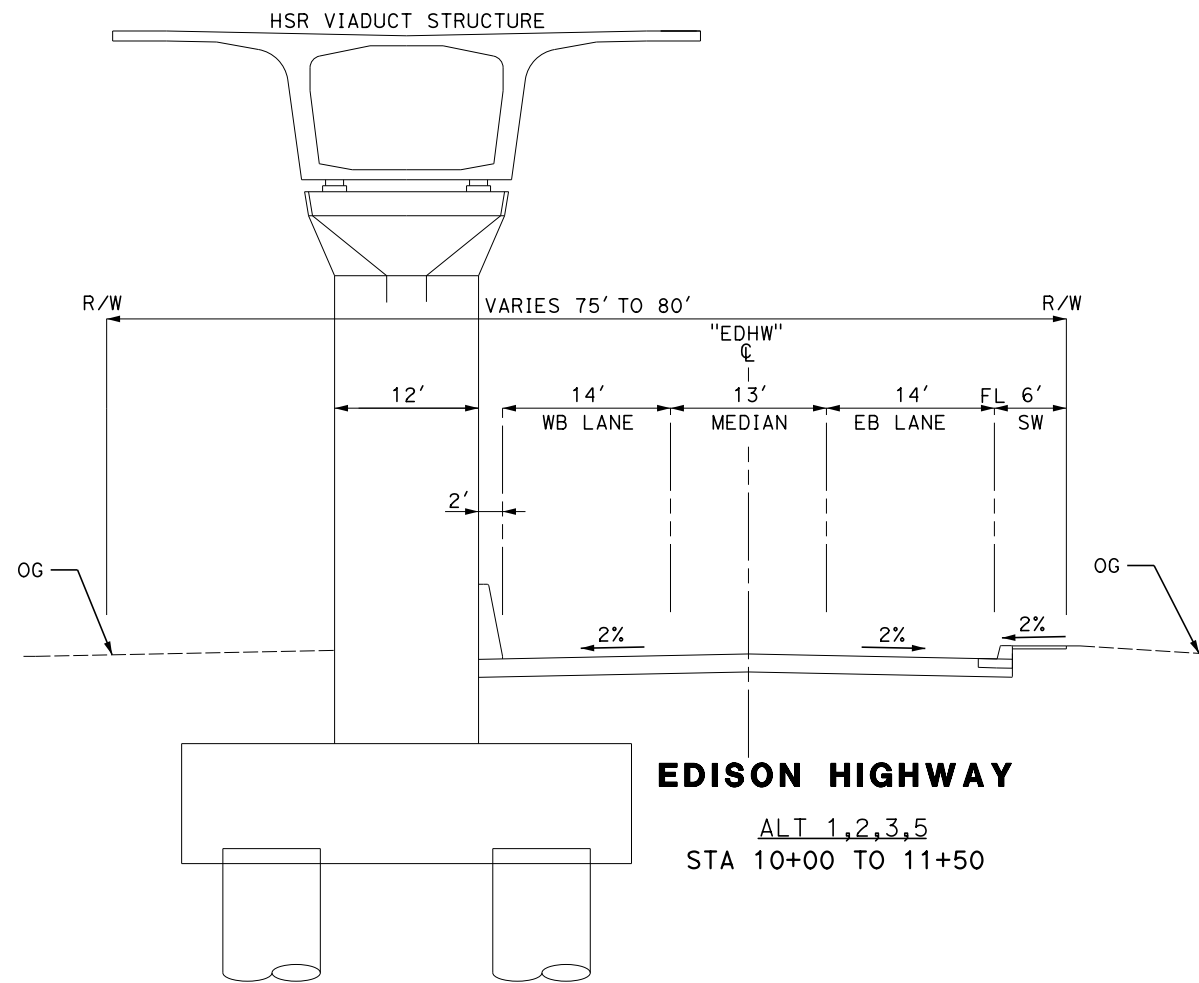


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 ROADWAY GENERAL
 SYMBOLS, LEGEND, AND GENERAL NOTES

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R0101
 SCALE
NO SCALE
 SHEET NO.
174

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

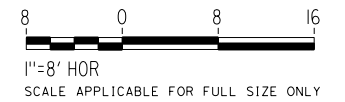
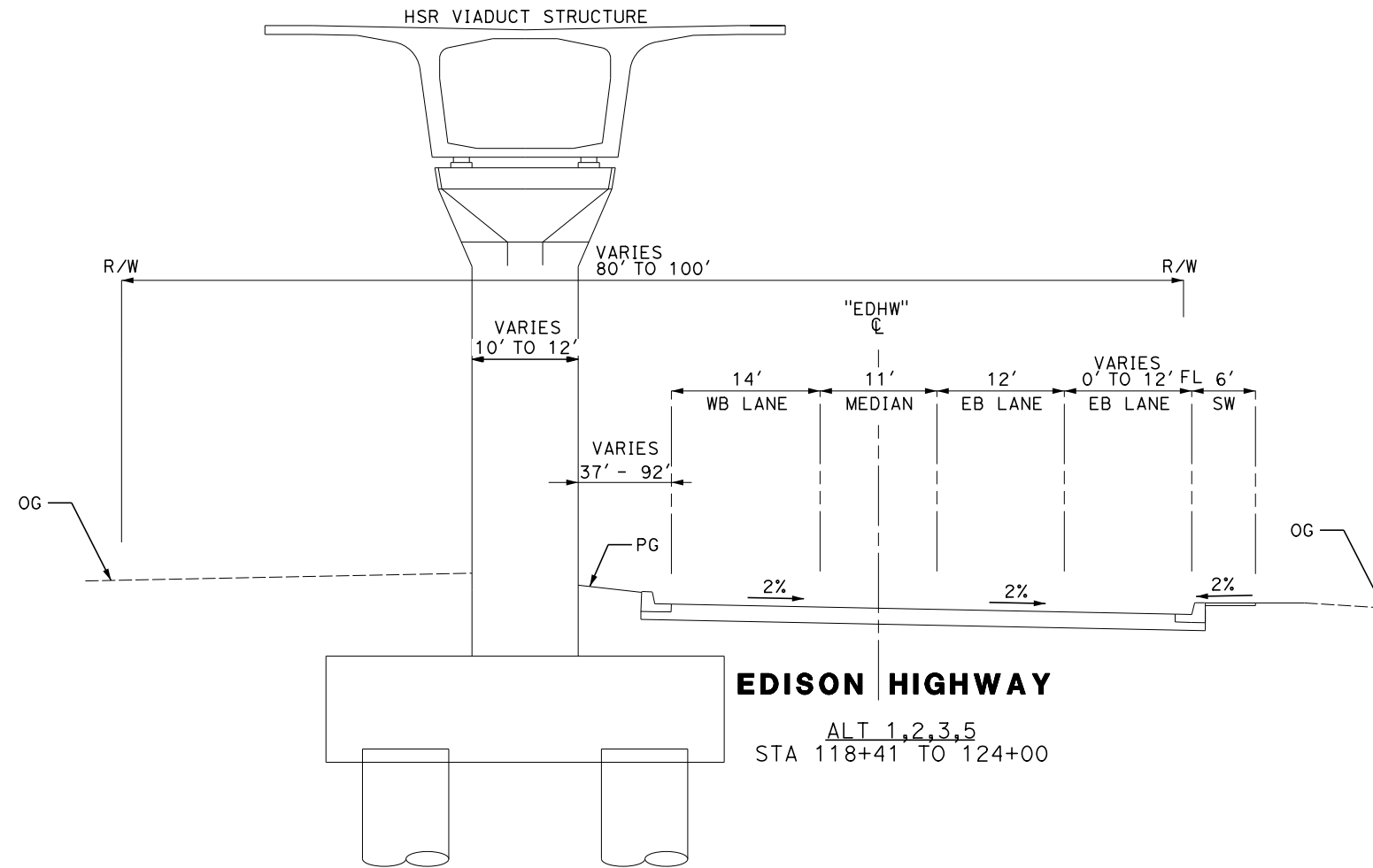
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CALIFORNIA HIGH-SPEED RAIL PROJECT

BAKERSFIELD TO PALMDALE

ALTERNATIVE 1,2,3,5

GENERAL

TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

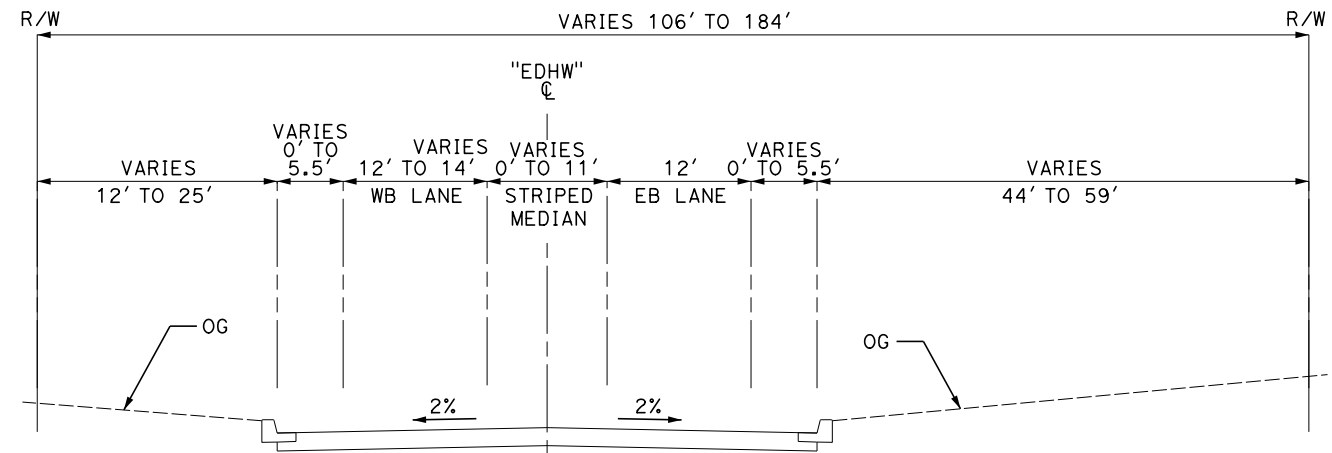
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176

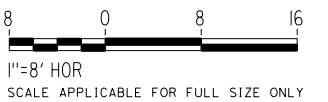
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EDISON HIGHWAY

ALT 1,2,3,5
STA 124+00 TO 138+42



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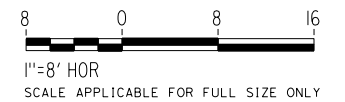
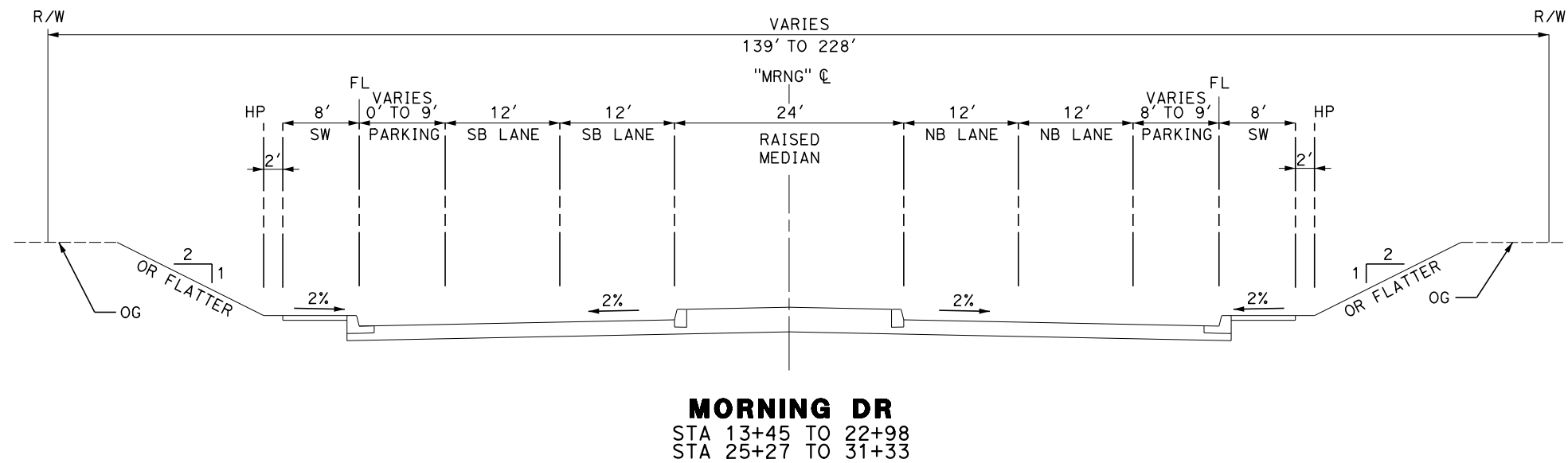
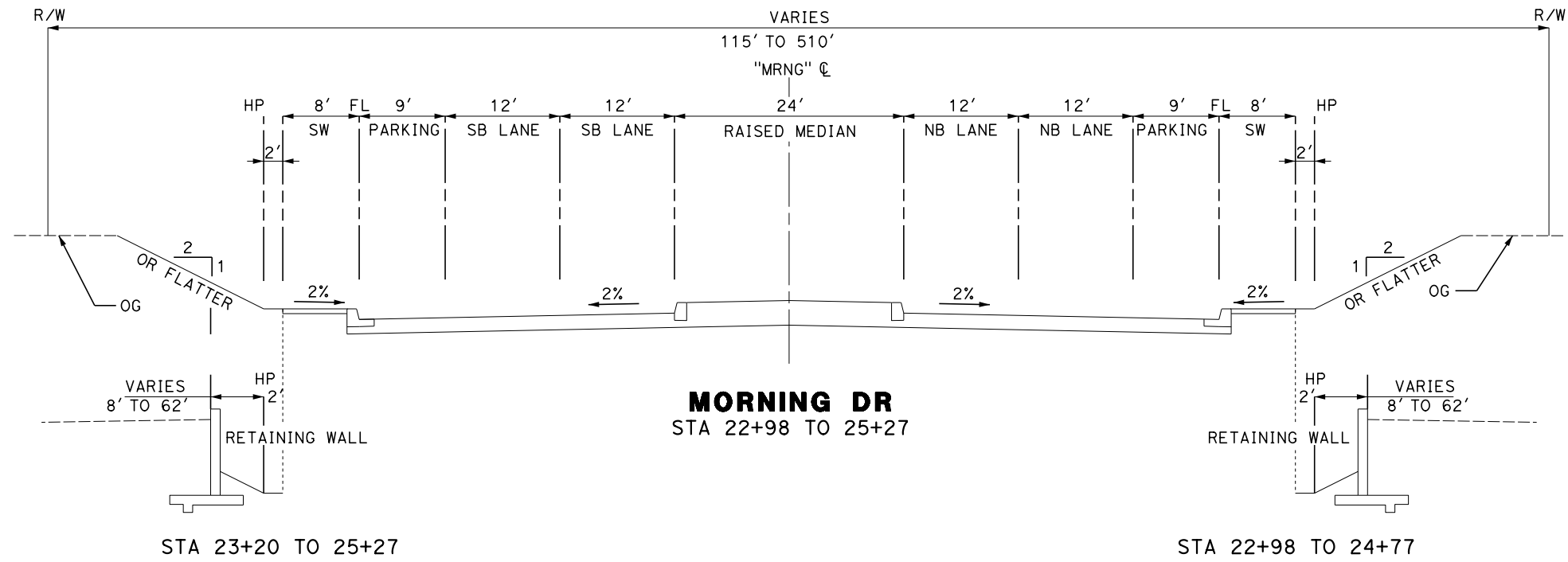
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
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SCALE
AS SHOWN
SHEET NO.
177

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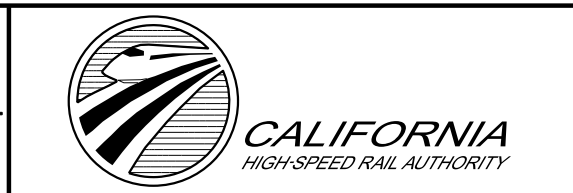


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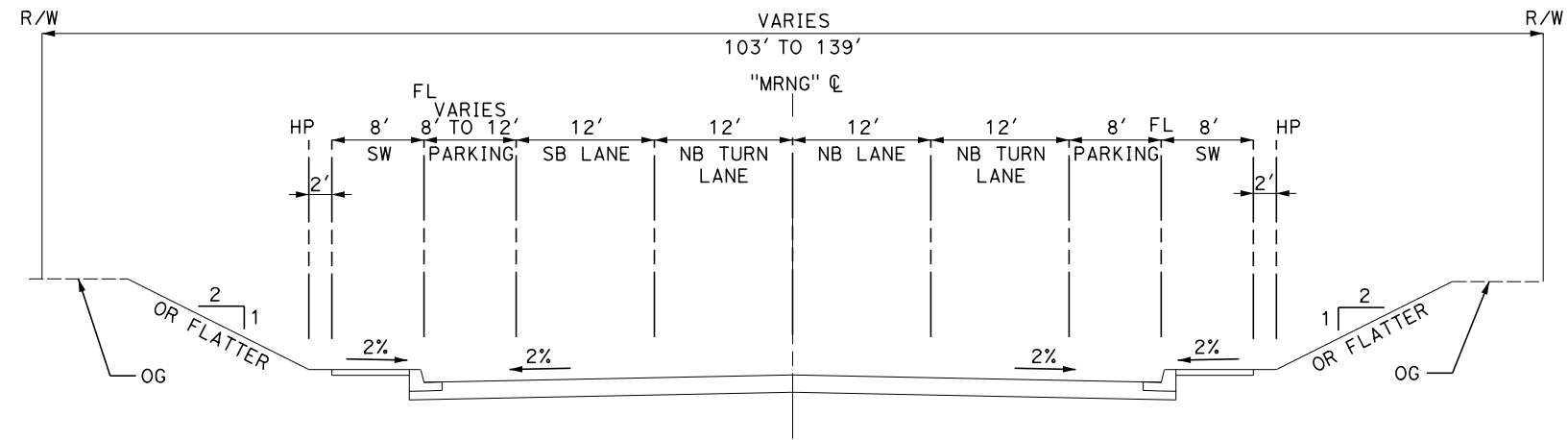


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

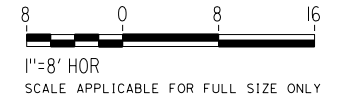
CONTRACT NO.
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DRAWING NO.
CV-B3004
SCALE
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MORNING DR
STA 31+33 TO 34+05



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DATE
01/29/2021

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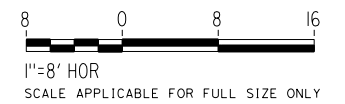
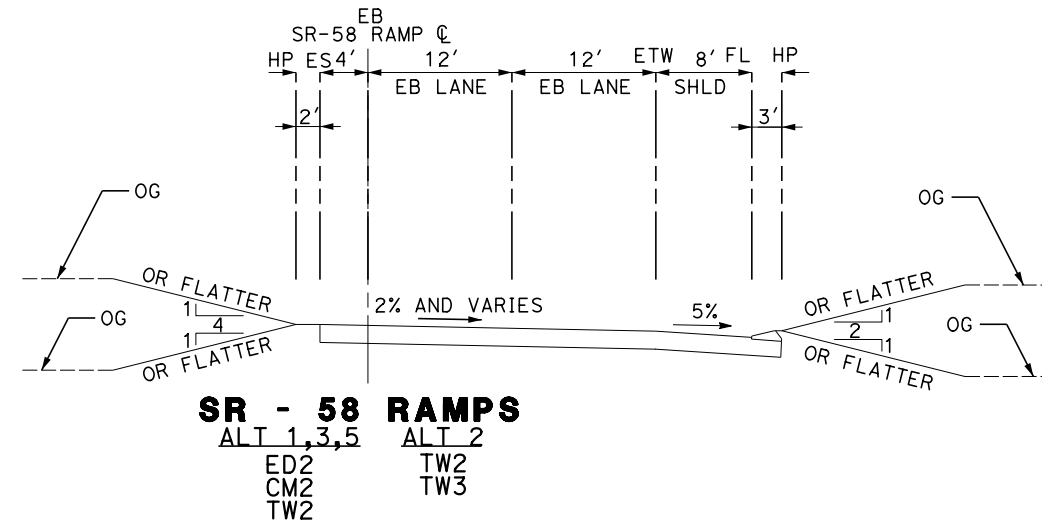
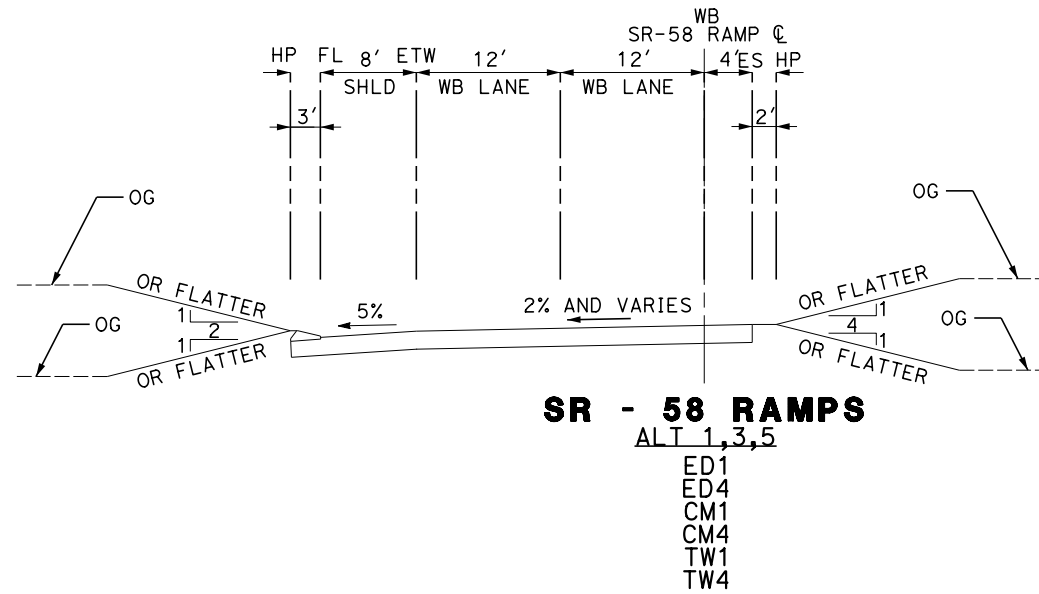
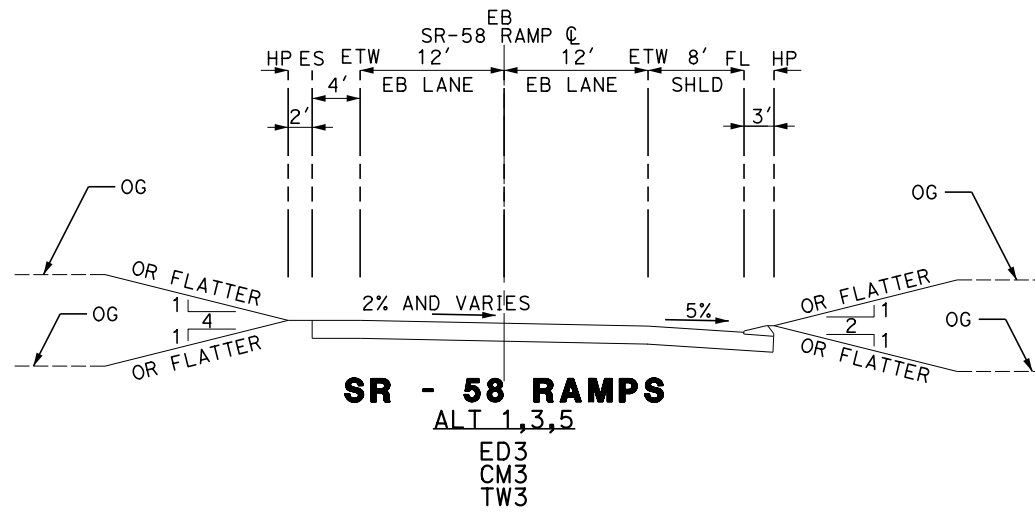


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3005
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DATE
01/29/2021

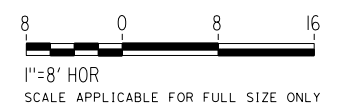
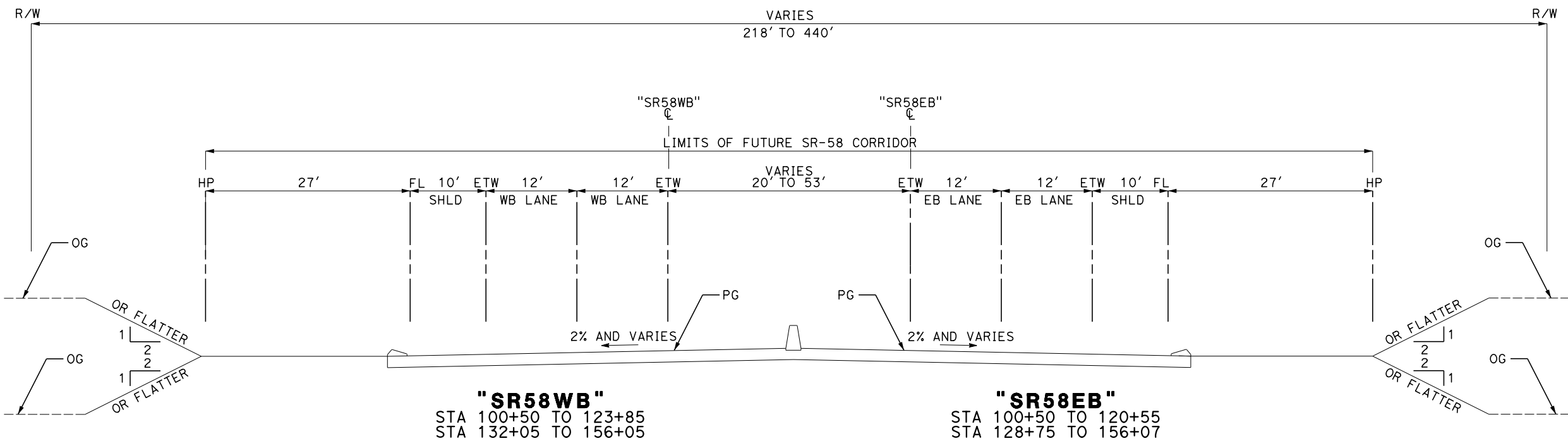
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3011
SCALE
AS SHOWN
SHEET NO.
180



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3051

e:\a\ba\balcawin@tylin.com 2:15:29 AM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

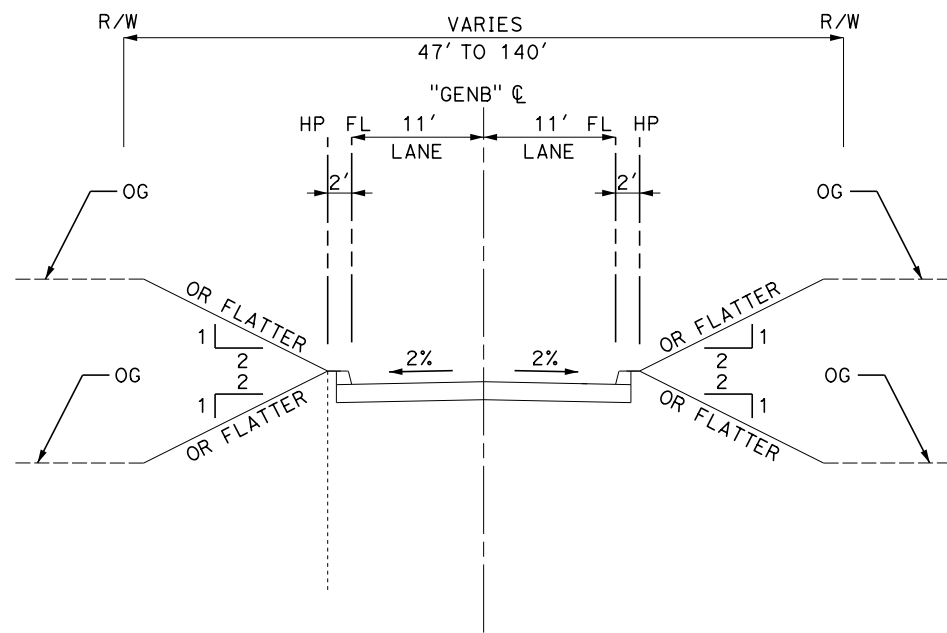
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PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

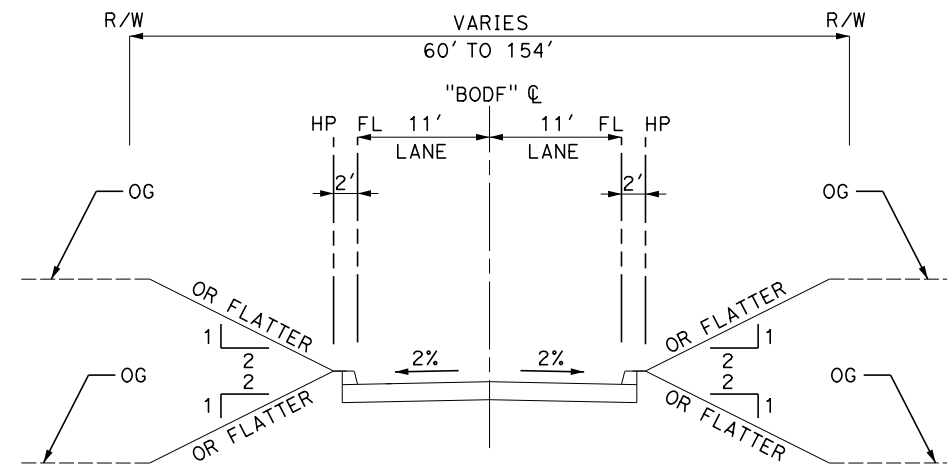


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

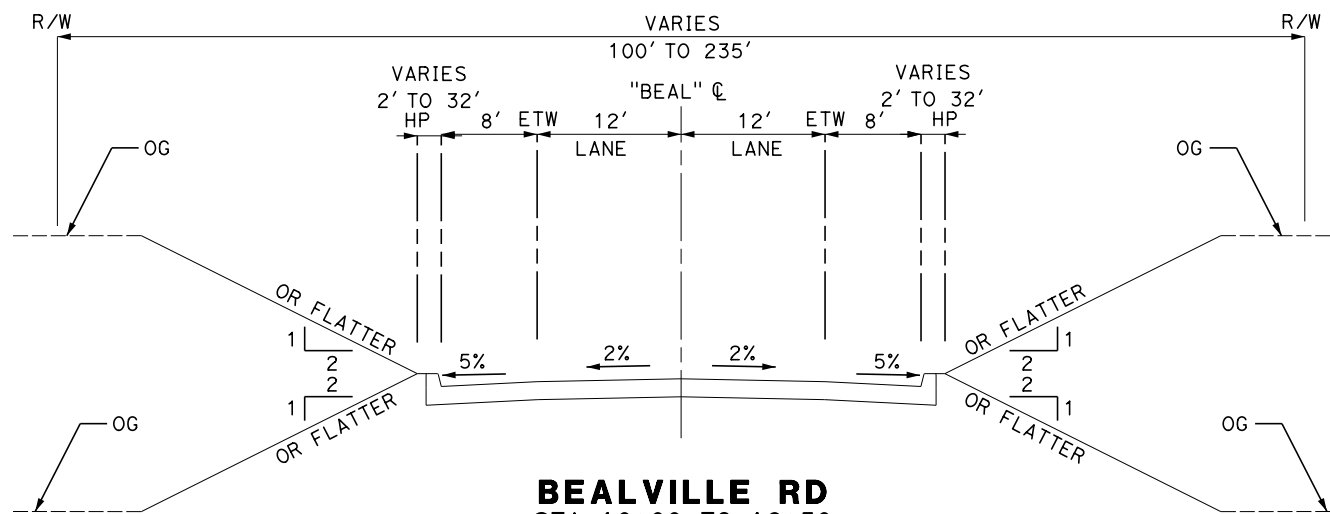
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HSR13-44
DRAWING NO.
CV-B3051
SCALE
AS SHOWN
SHEET NO.
181



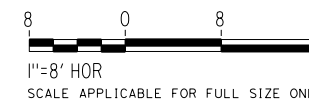
GENERAL BEALE RD
 STA 10+00 TO 76+49
 STA 80+27 TO 90+85



CALIENTE BODFISH RD
 STA 18+26 TO 34+43



BEALVILLE RD
 STA 10+00 TO 16+50
 STA 19+88 TO 40+00



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3053

e:\a\ina.baldwin@tylin.com\13122020\01 2:16:49 AM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

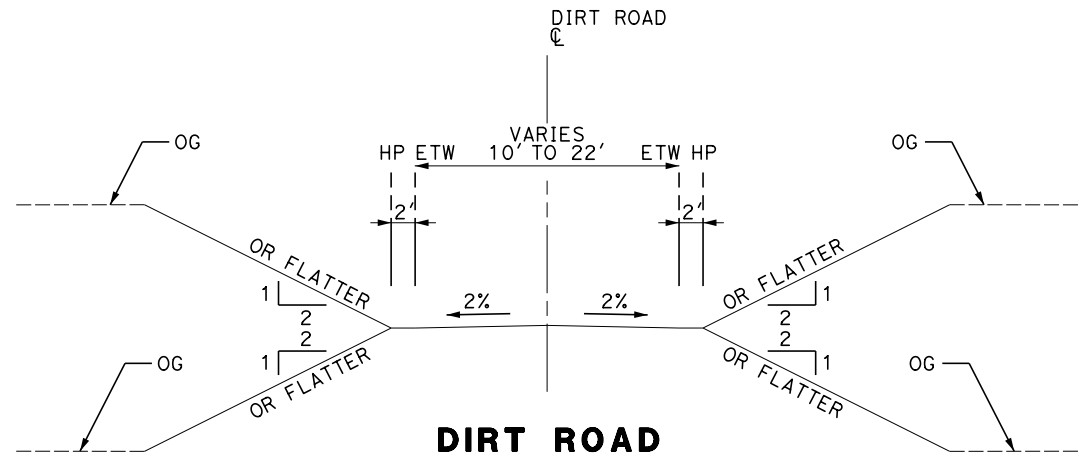


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3053
 SCALE
AS SHOWN
 SHEET NO.
182

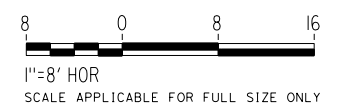
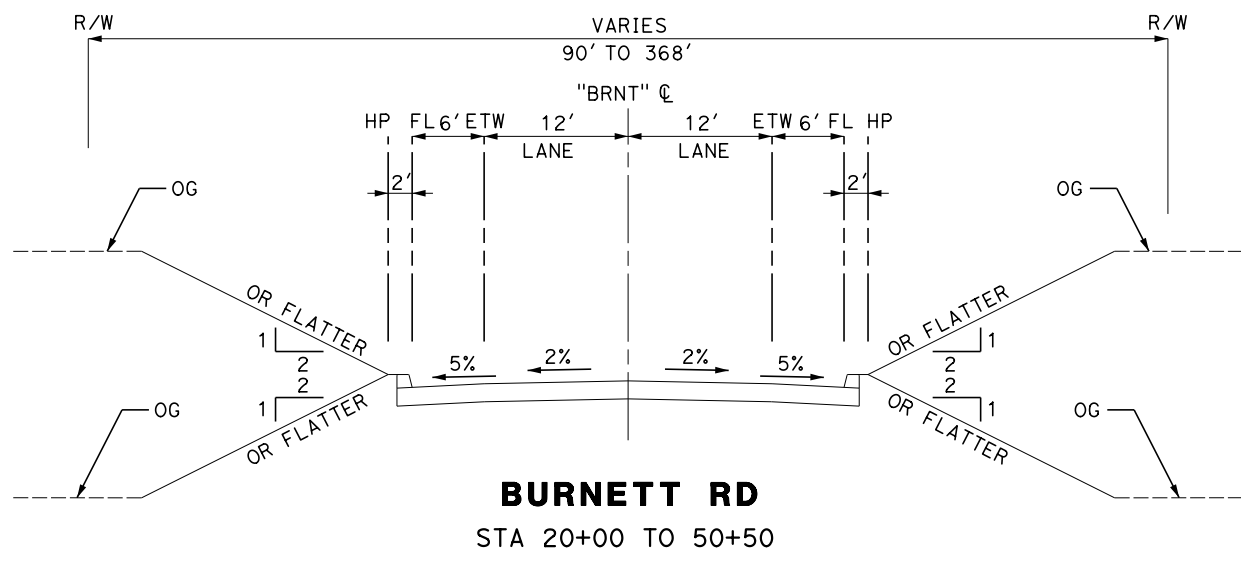
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eia.ina.baldwin@tylin.com 2/01/2021 2:01:54 AM



ALT 1,2,3,5	ALT 3
"18125"	"19690"
"18206"	
"18242"	
"18495"	
"18700"	
"19003"	
"19245"	

NOTE:
DIRT ROADS DESIGNED TO MAINTAIN EXISTING ACCESS AND ARE NOT DESIGNED TO PROVIDE HSR ACCESS.



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

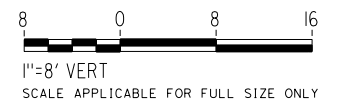
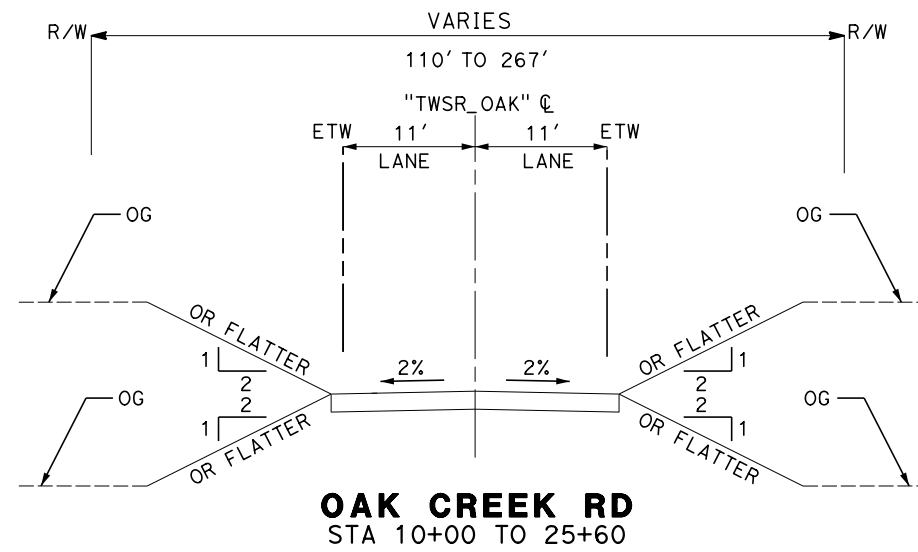
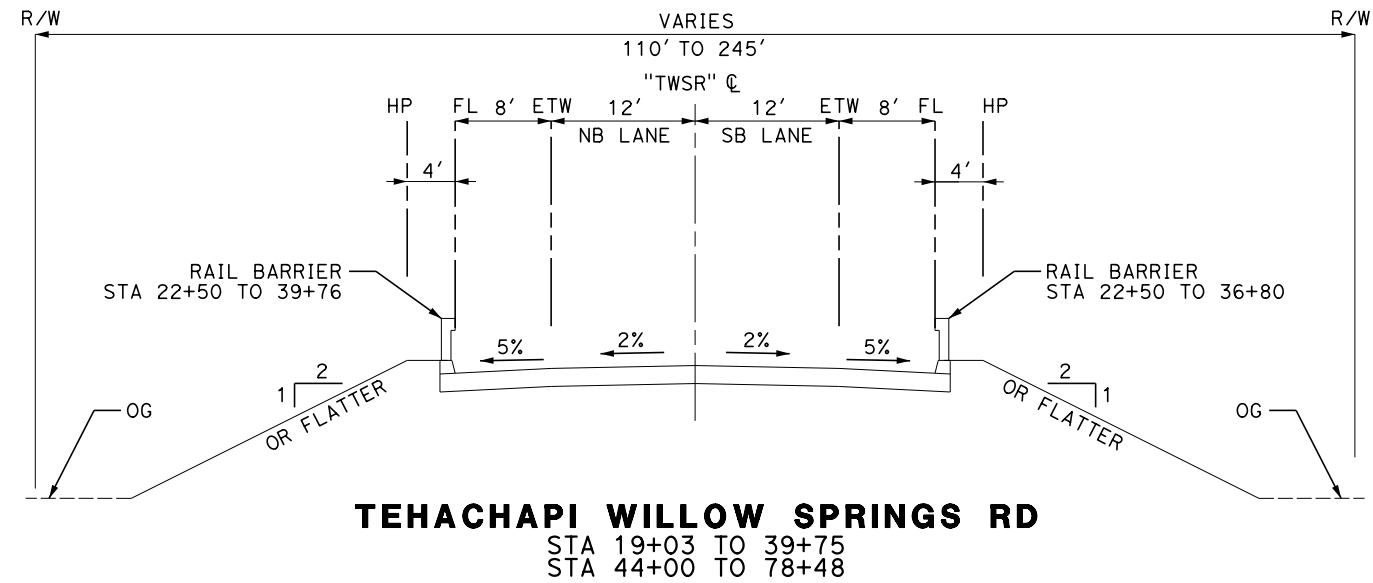


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3054
SCALE
AS SHOWN
SHEET NO.
183

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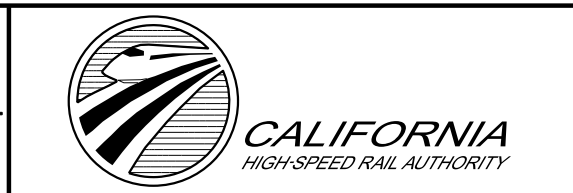


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

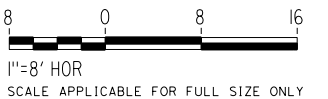
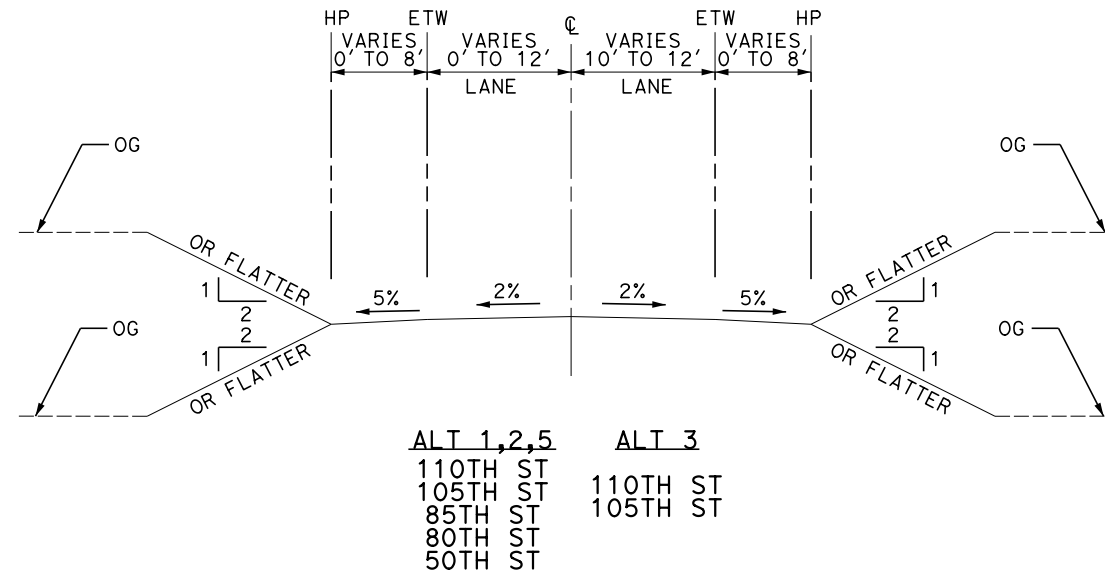
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3055
 SCALE
AS SHOWN
 SHEET NO.
184



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



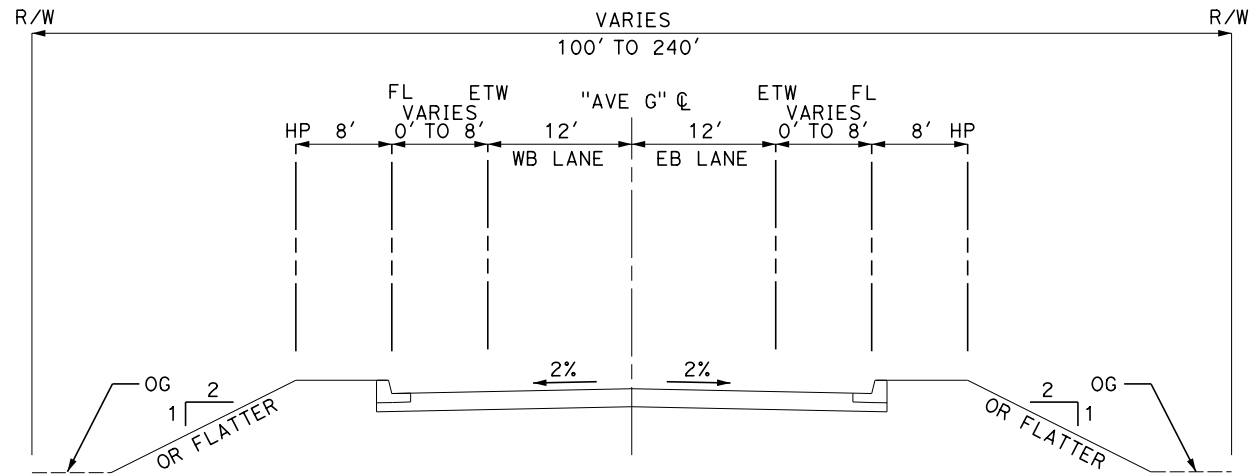
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

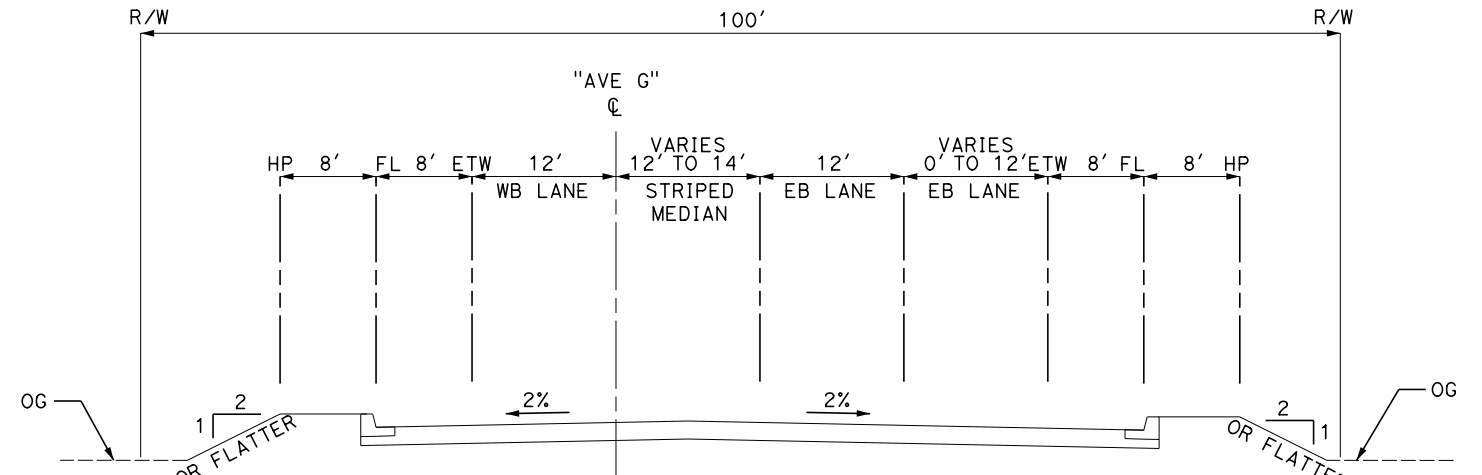
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HSR13-44
DRAWING NO.
CV-B3056
SCALE
AS SHOWN
SHEET NO.
185

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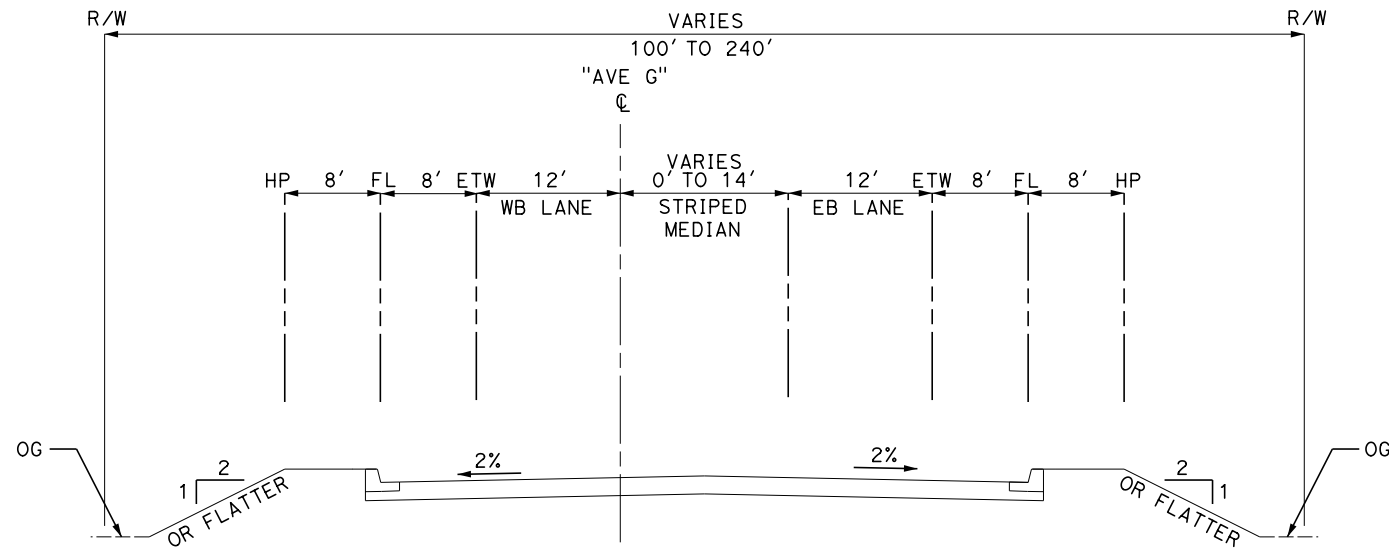
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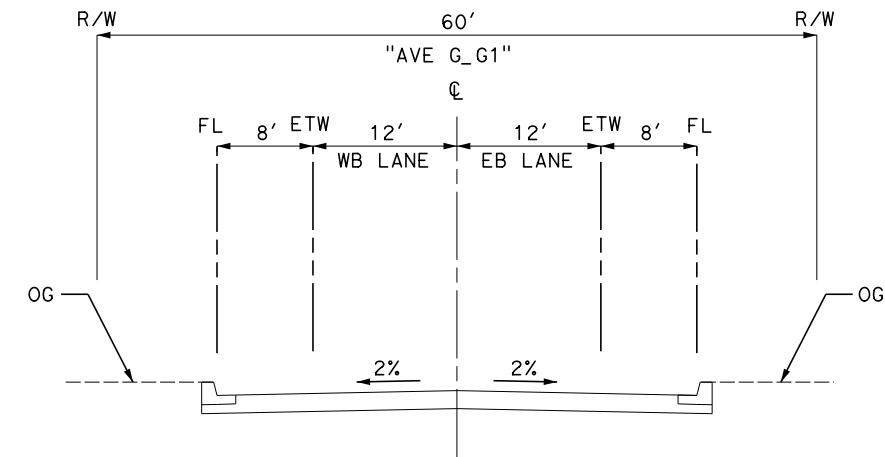
AVE G
 STA 24+00 TO 35+41
 STA 38+30 TO 42+52
 STA 44+52 TO 45+50



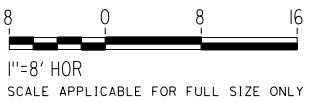
AVE G
 STA 53+00 TO 57+00



AVE G
 STA 45+50 TO 53+00



AVE G ROAD (AVE G - G1 AND G2)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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 DRAWN BY
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 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

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CONSTRUCTION

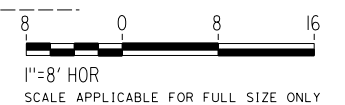
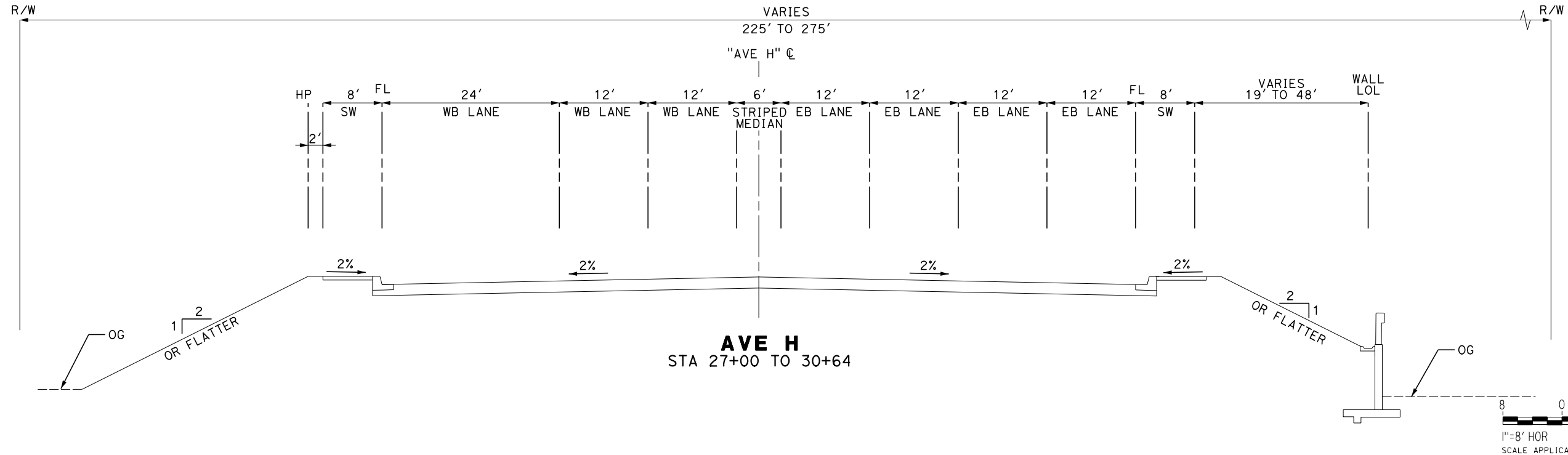
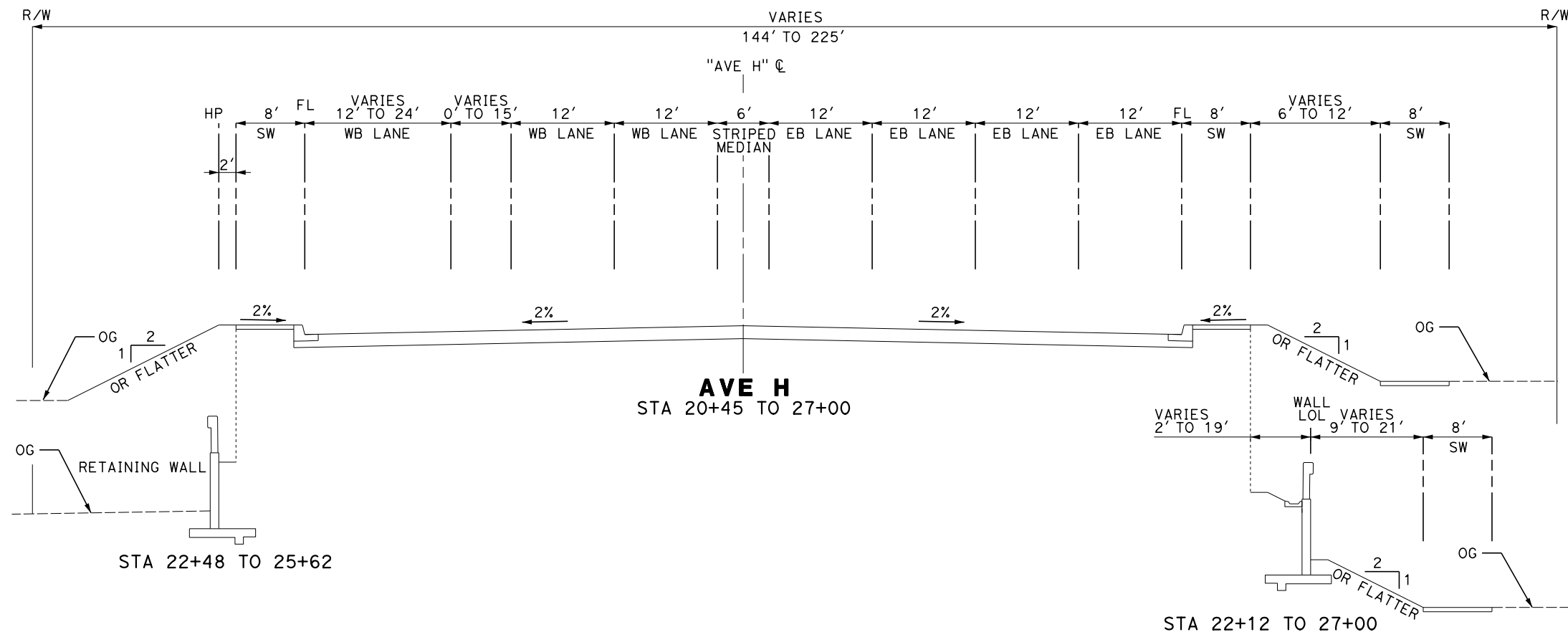


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3100
 SCALE
AS SHOWN
 SHEET NO.
186

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
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
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

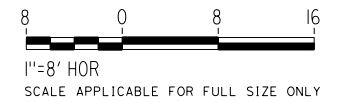
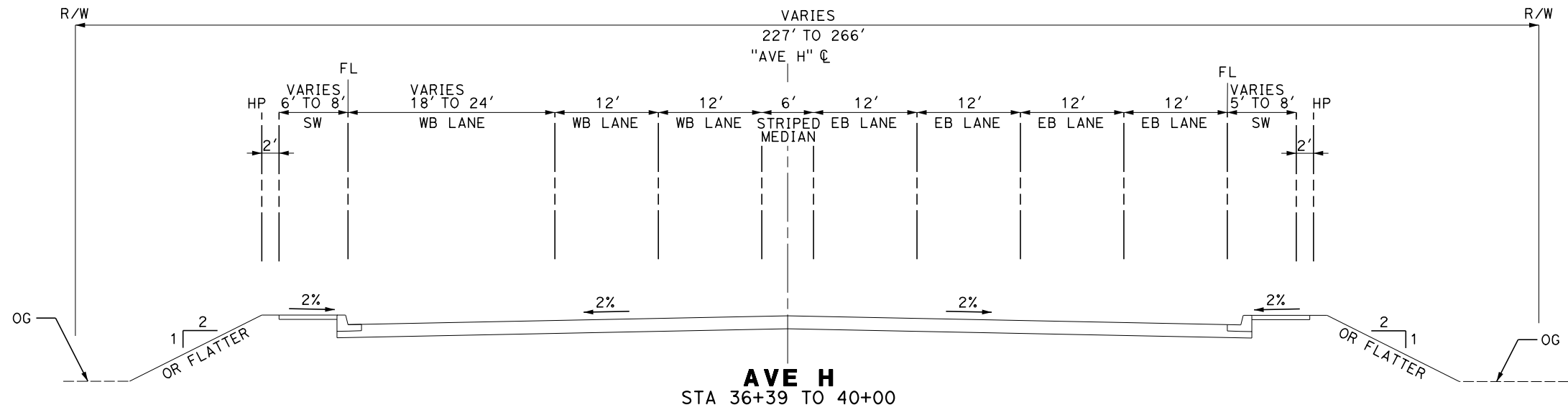
DRAWING NO.
CV-B3101

SCALE
AS SHOWN

SHEET NO.
187

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

TYLIN INTERNATIONAL

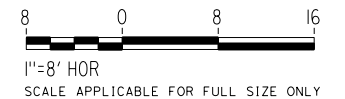
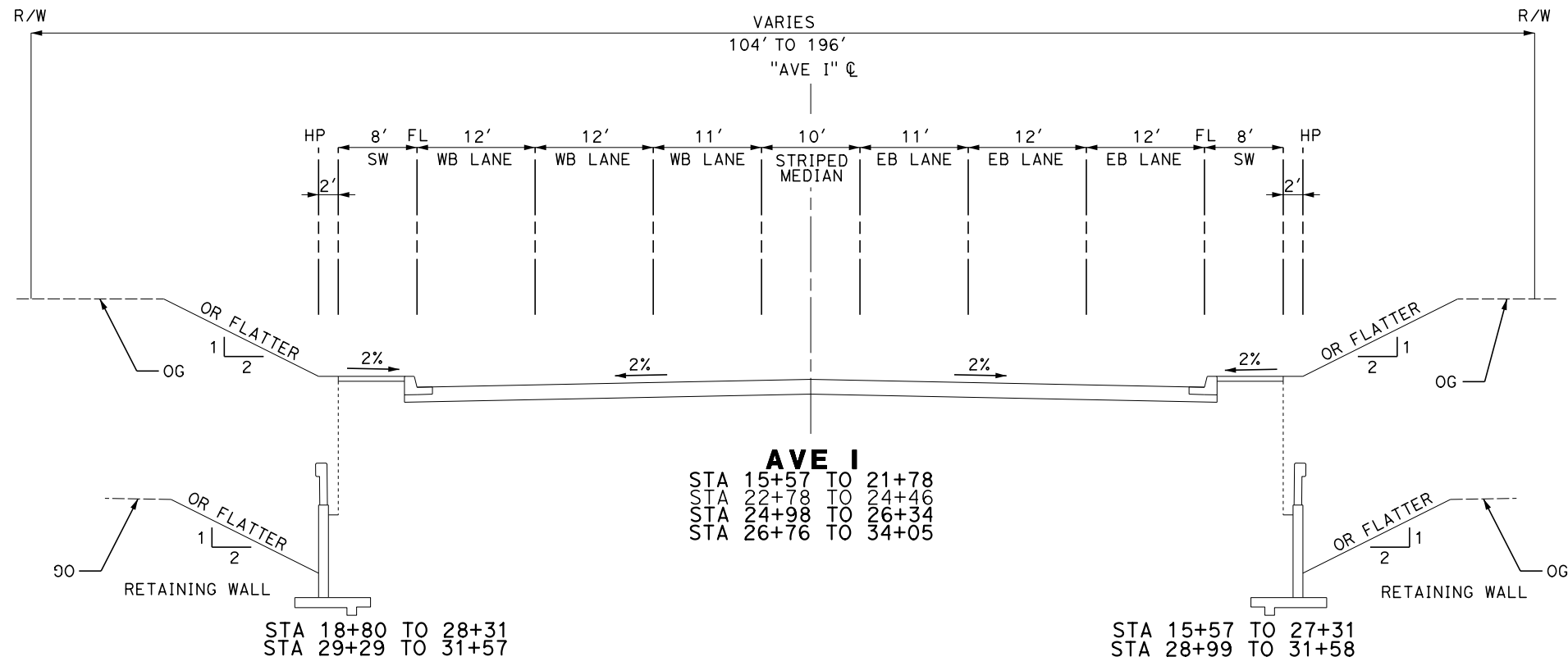


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3102
SCALE
AS SHOWN
SHEET NO.
188

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

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
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

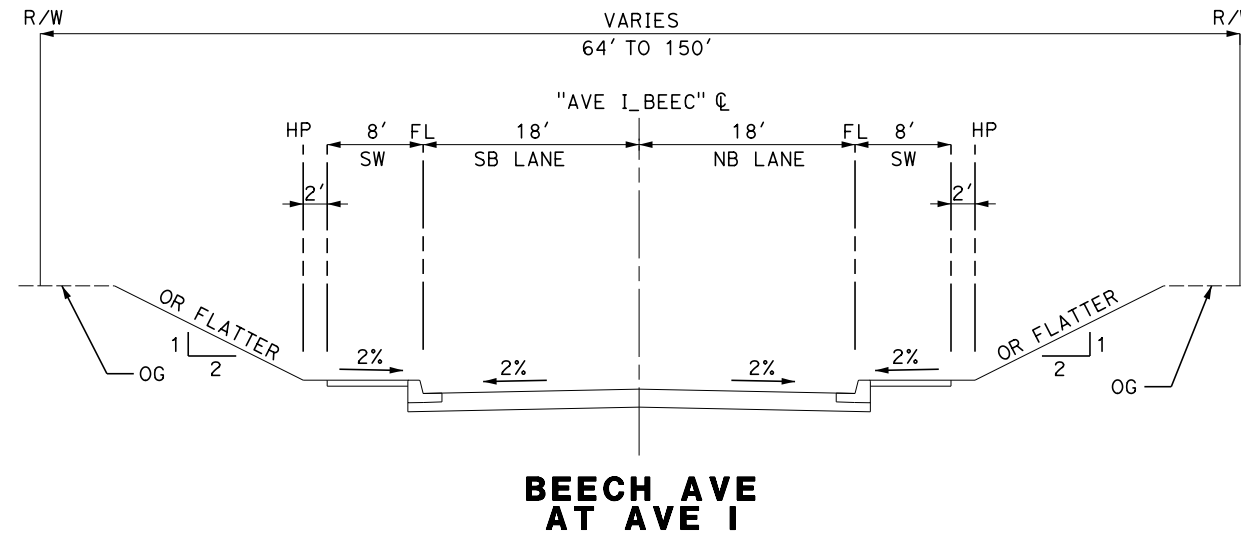
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SCALE
AS SHOWN

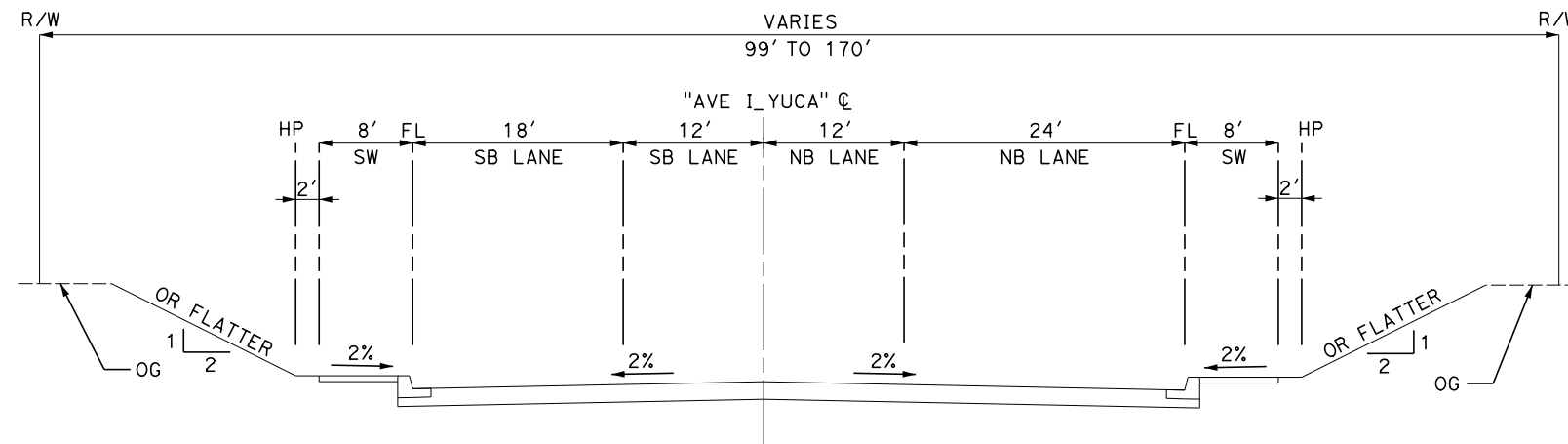
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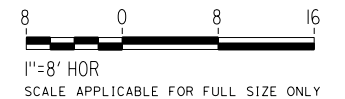
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**BEECH AVE
AT AVE I**



**YUCCA AVE
AT AVE I**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



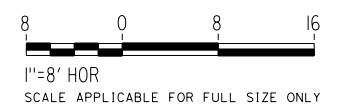
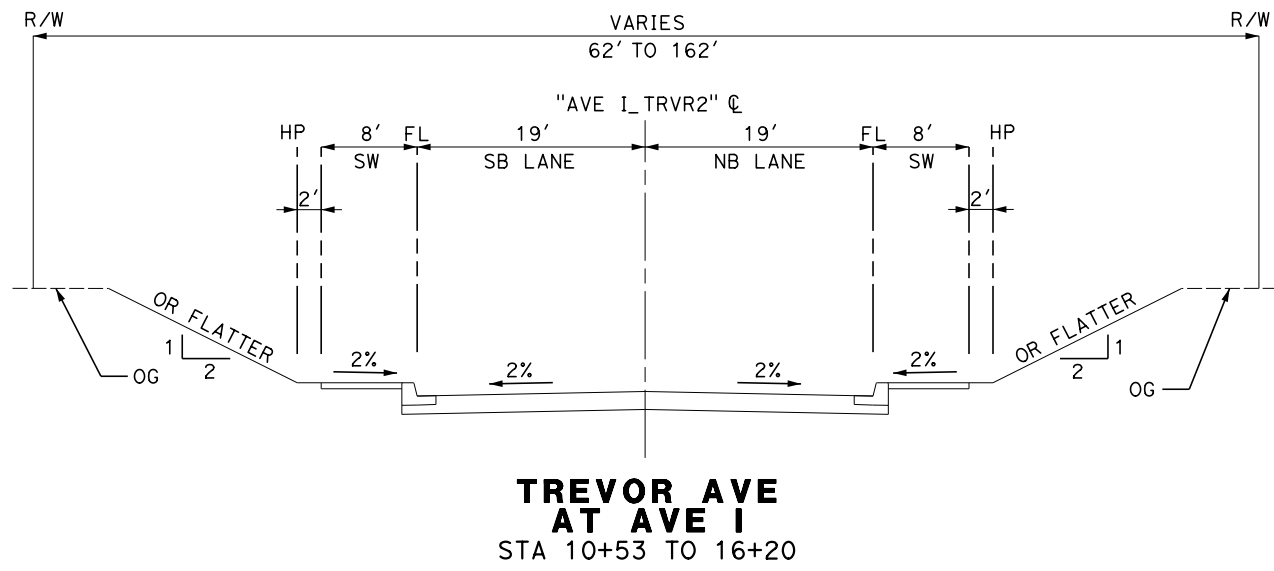
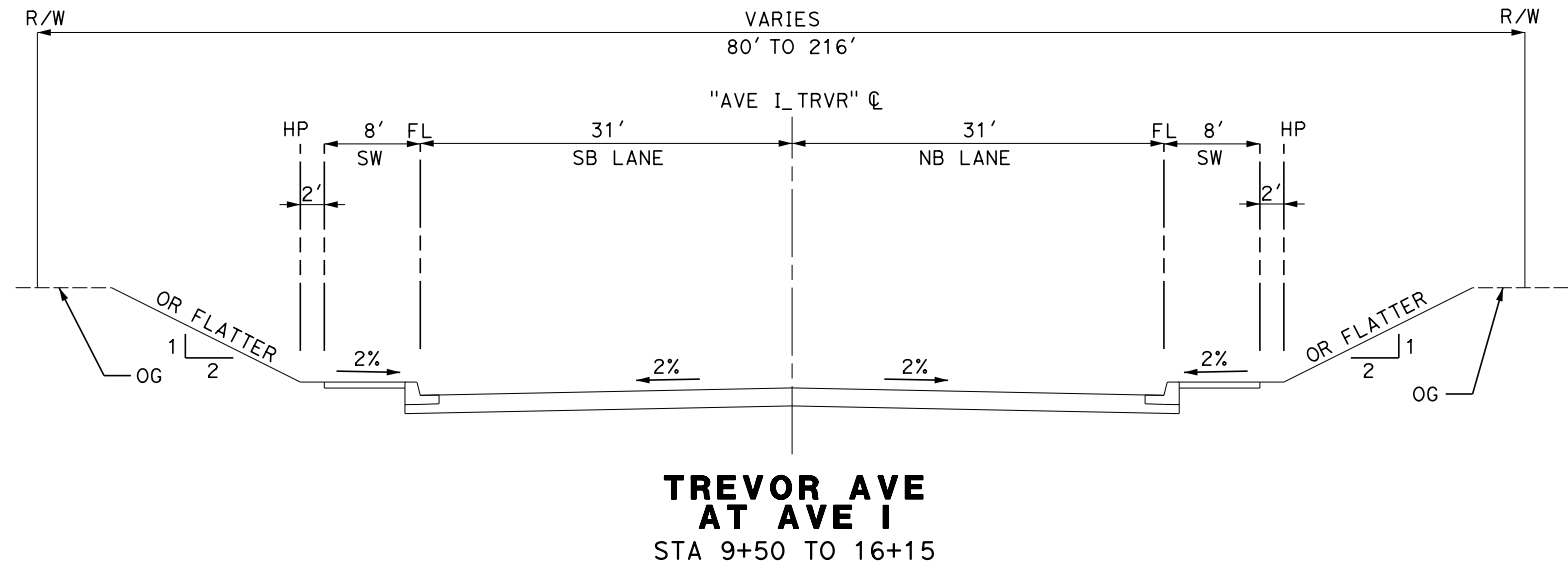
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3108
SCALE
AS SHOWN
SHEET NO.
190

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3109

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

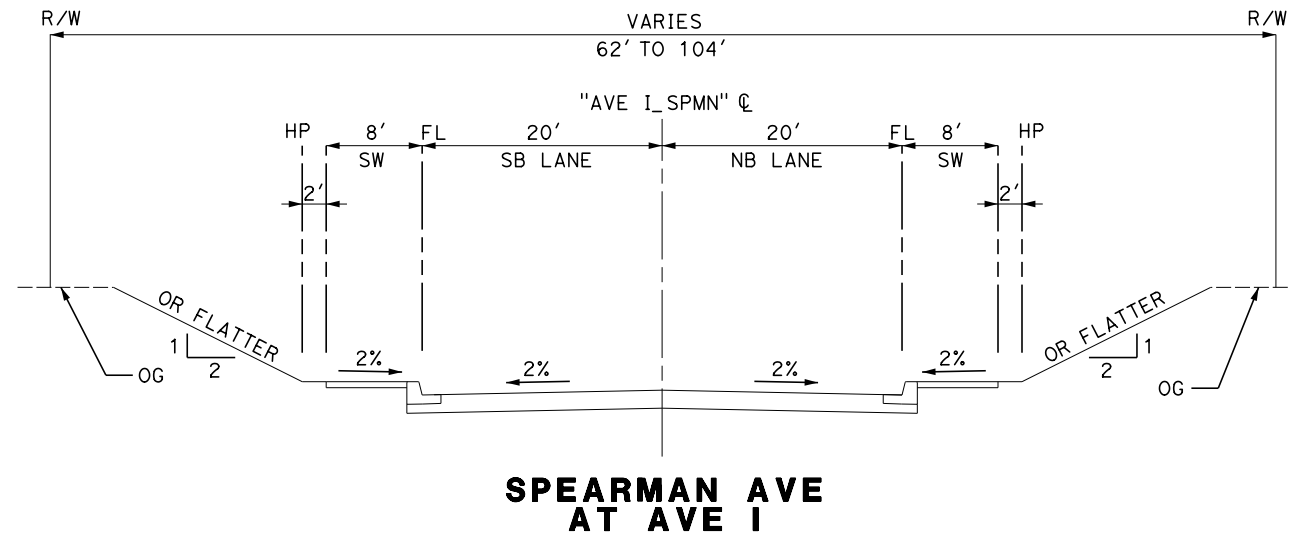


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

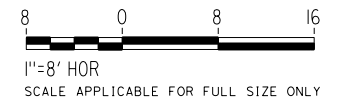
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HSR13-44
DRAWING NO.
CV-B3109
SCALE
AS SHOWN
SHEET NO.
191

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e:\a\carol\carol\131206\00\1:59:42 AM



**SPEARMAN AVE
AT AVE I**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

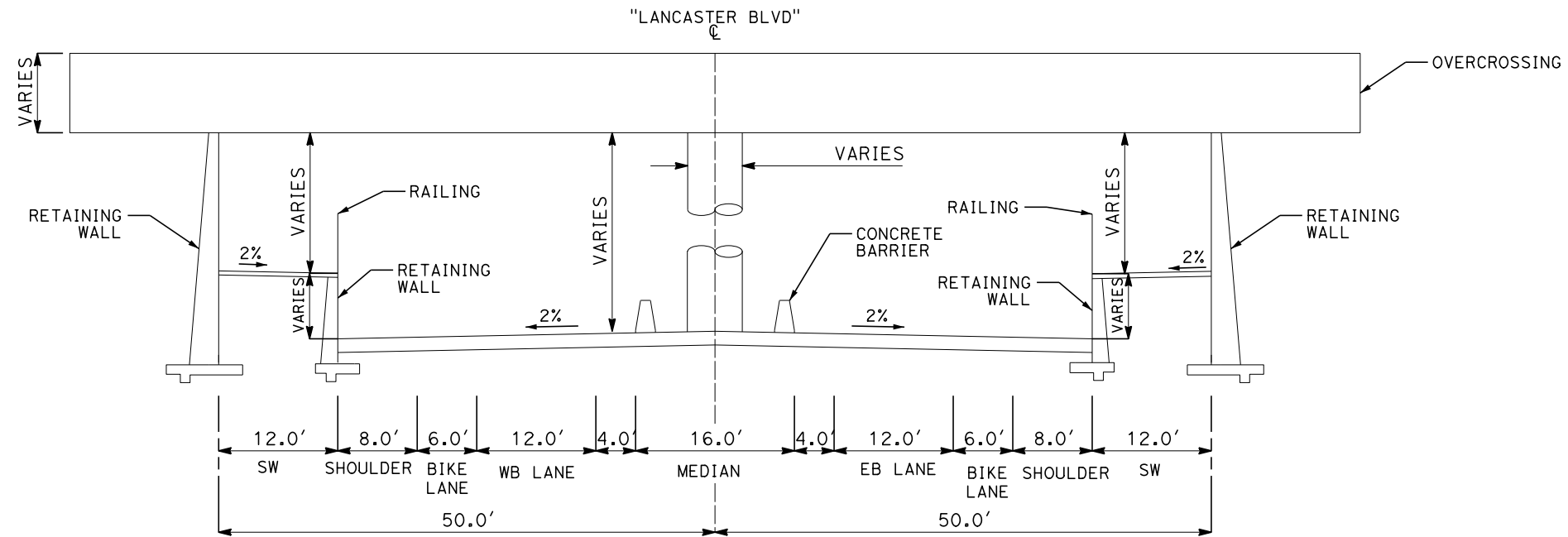


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

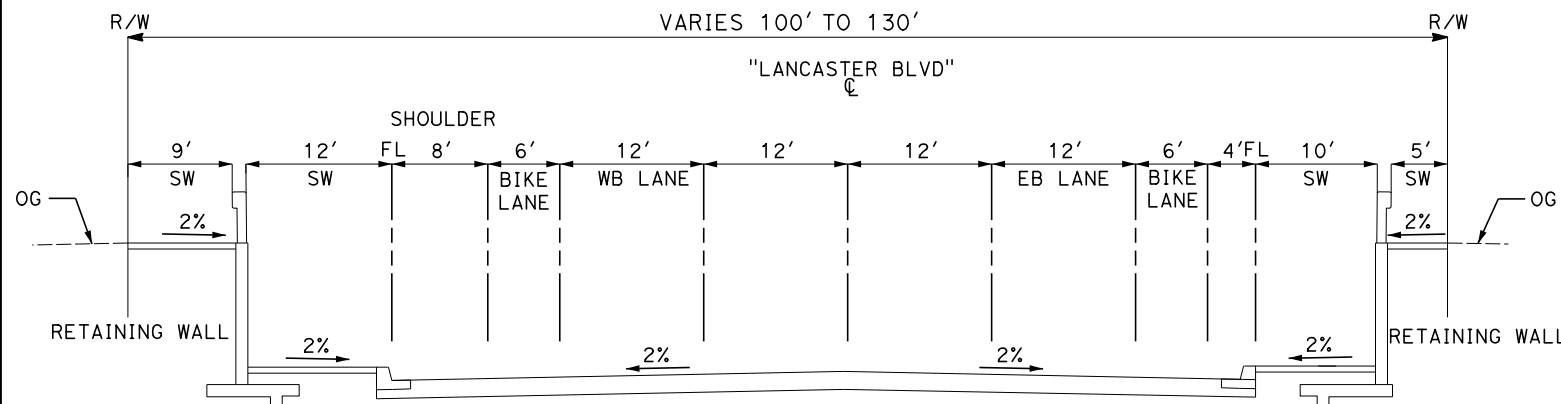
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DRAWING NO.
CV-B3110
SCALE
AS SHOWN
SHEET NO.
192

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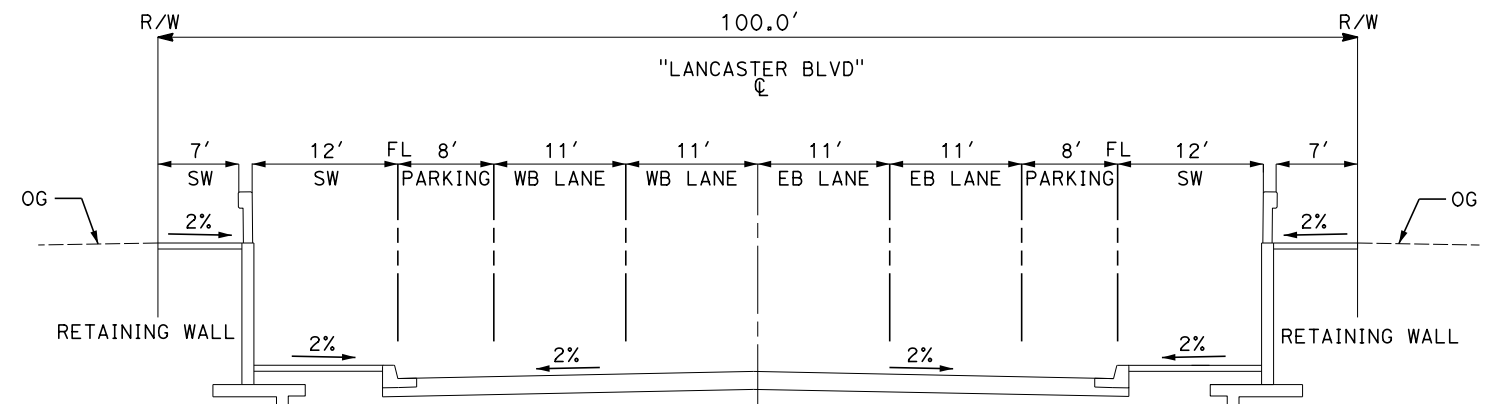
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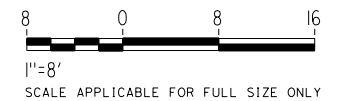
LANCASTER BLVD
 STA 10+91 TO 11+81
 STA 13+43 TO 13+94
 STA 15+34 TO 15+78
 STA 16+71 TO 17+37



LANCASTER BLVD
 STA 5+91 TO 7+16
 STA 7+66 TO 10+91
 STA 11+81 TO 13+43
 STA 13+94 TO 15+34
 STA 15+78 TO 16+71



LANCASTER BLVD
 STA 17+37 TO 20+83
 STA 21+39 TO 22+14



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

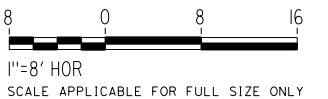
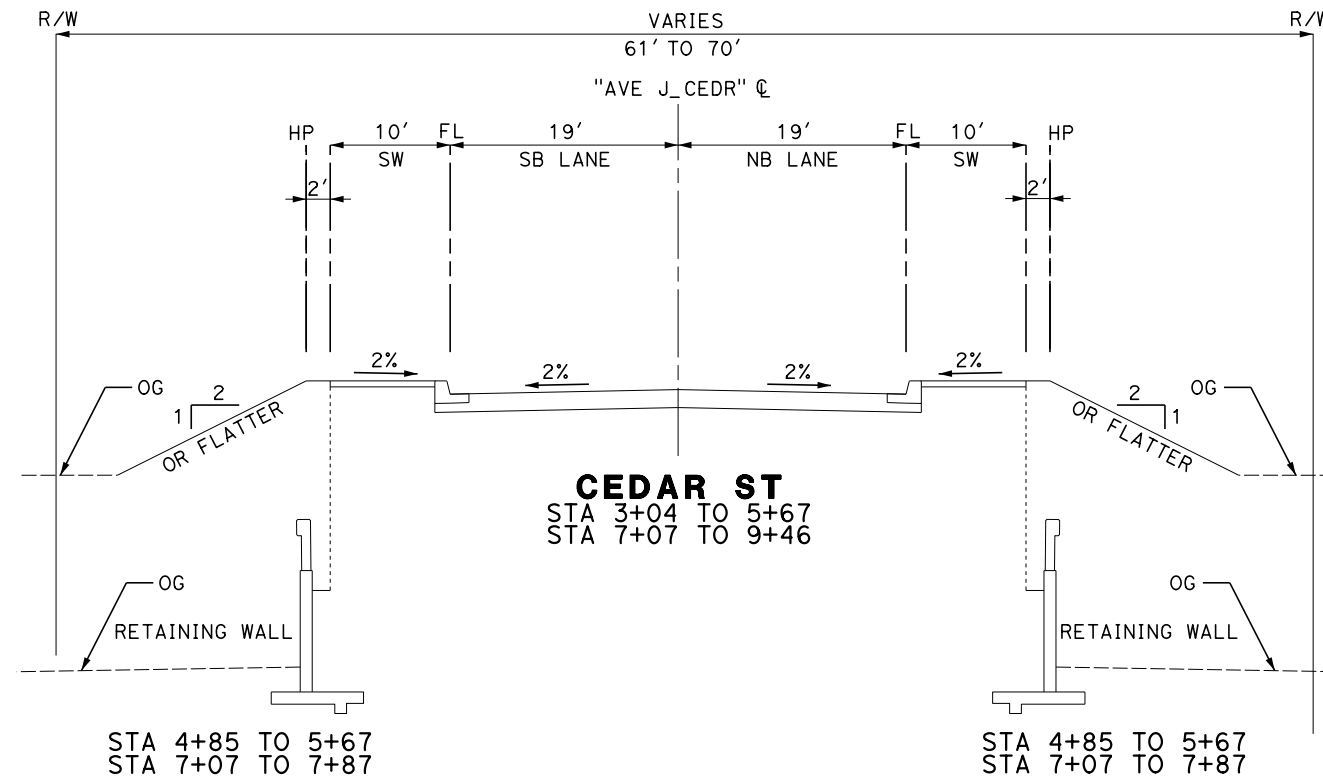
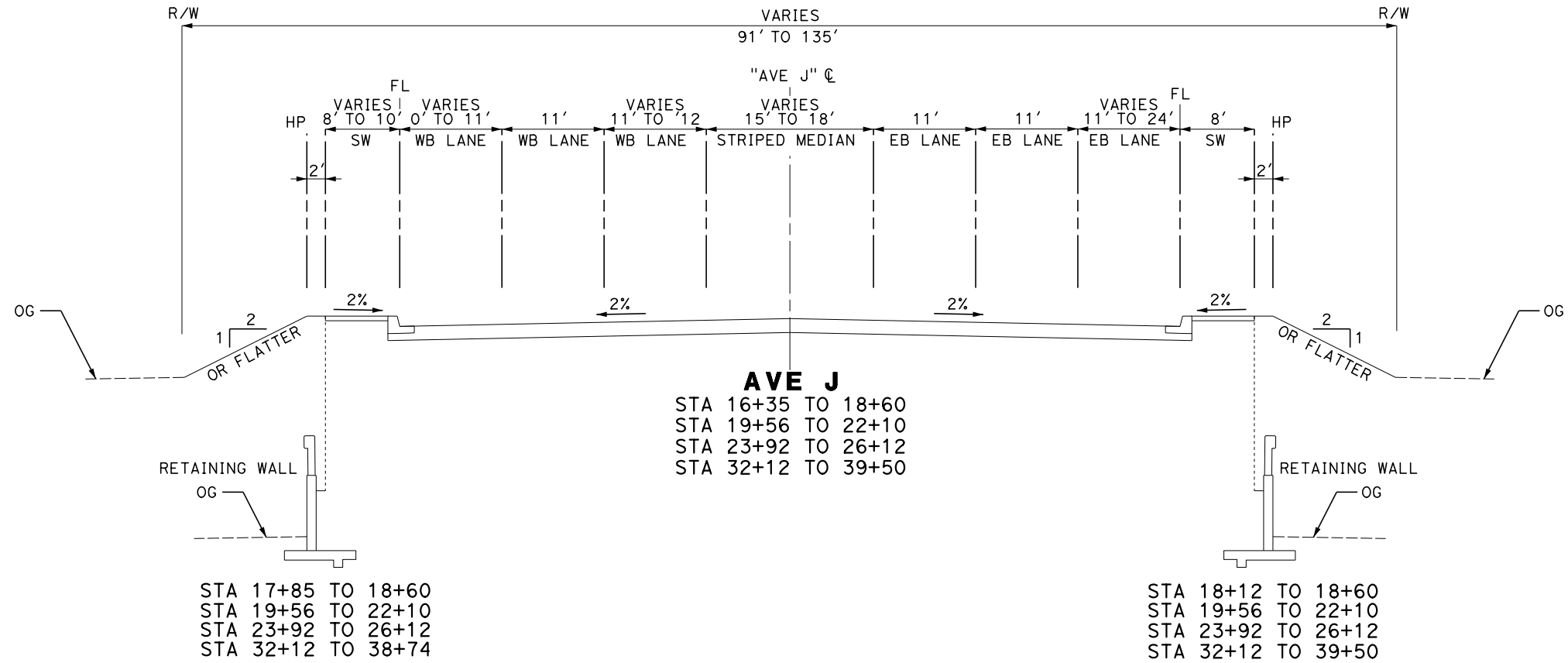


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3111
 SCALE
AS SHOWN
 SHEET NO.
193

Projects\T01206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3113

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

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
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

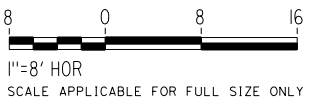
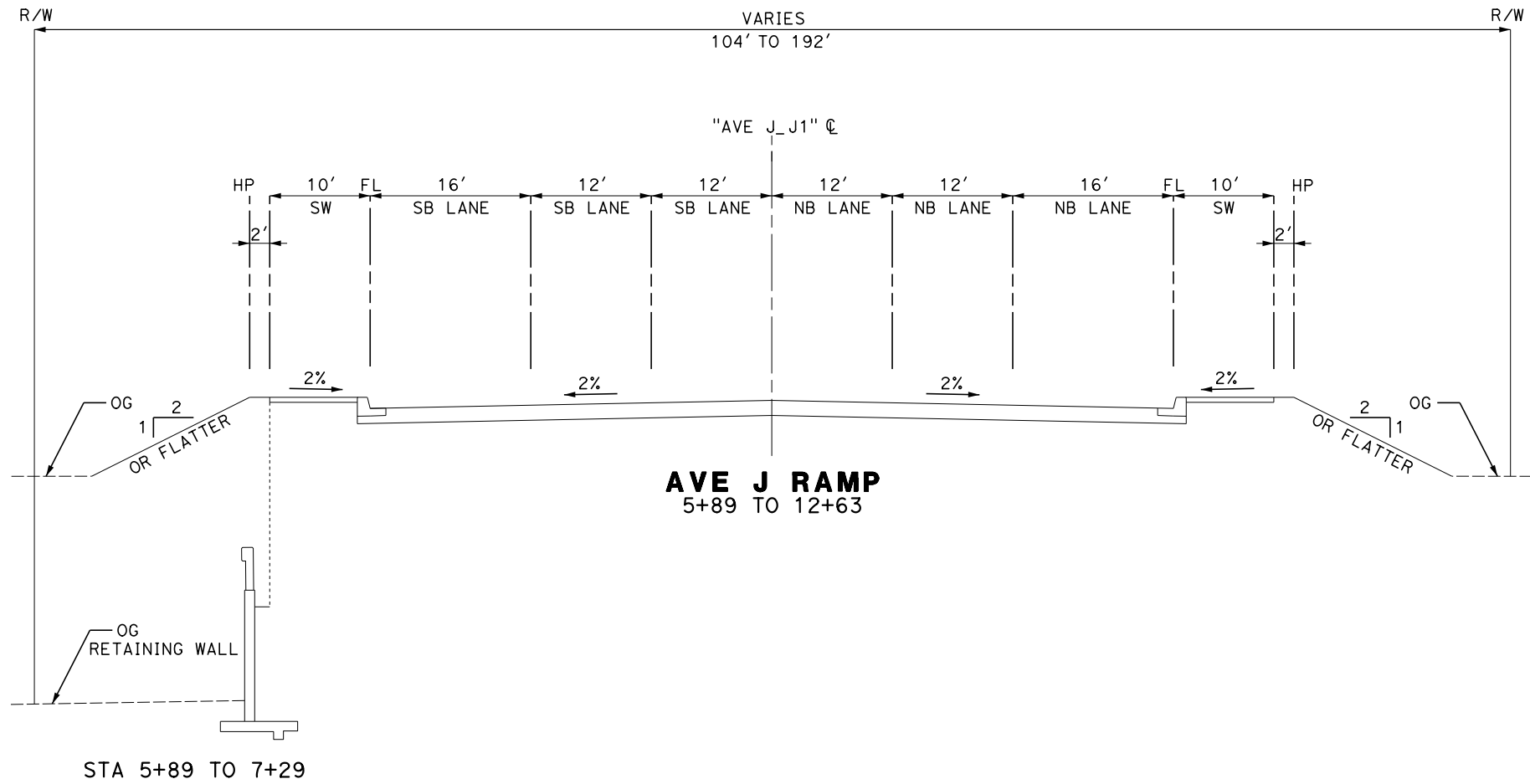
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CV-B3113

SCALE
AS SHOWN

SHEET NO.
194

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



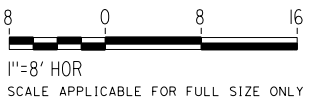
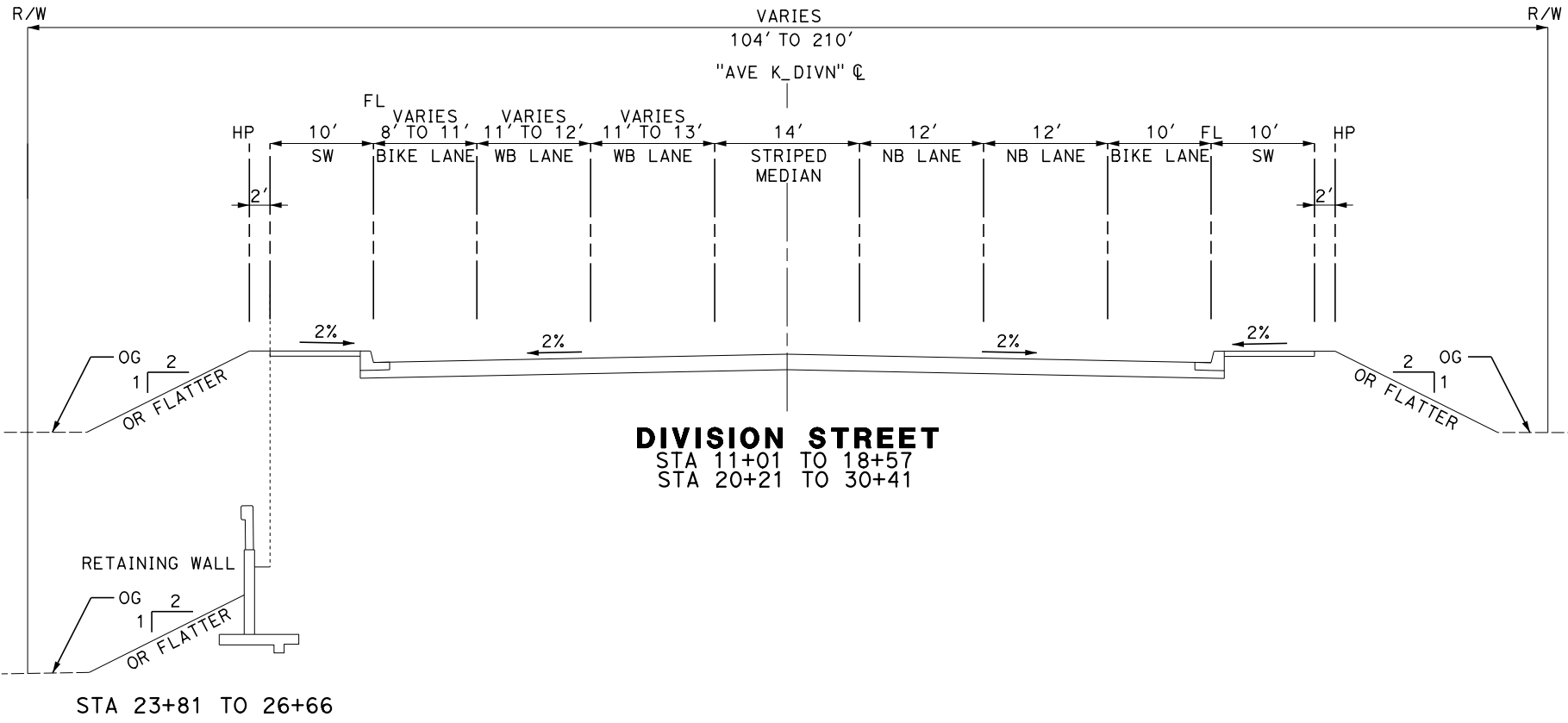
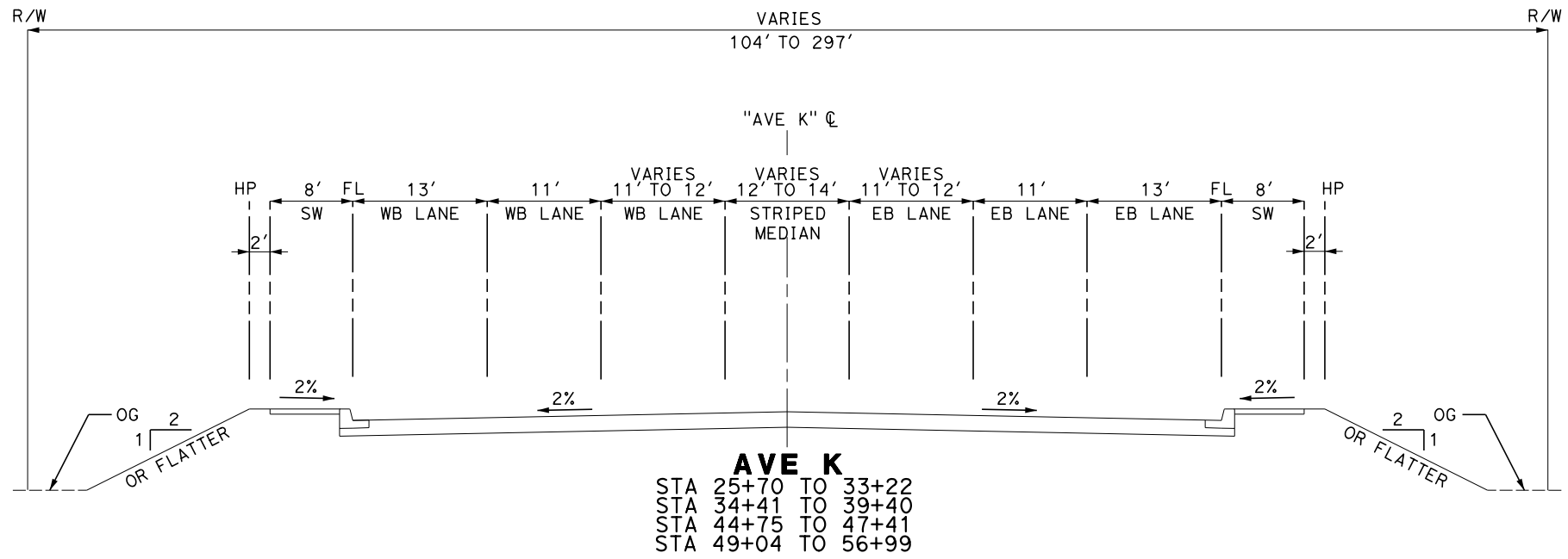
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3114
SCALE
AS SHOWN
SHEET NO.
195

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3115

e:\a\ba\balwin\01\13122021\2:00:09 AM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

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
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

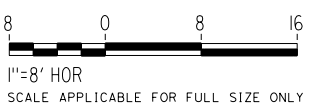
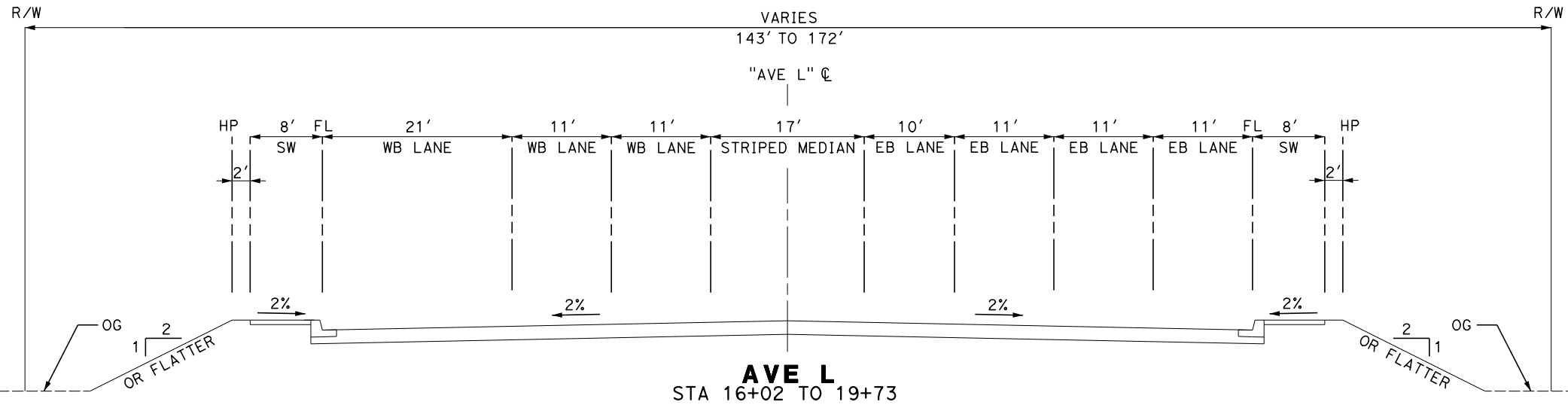
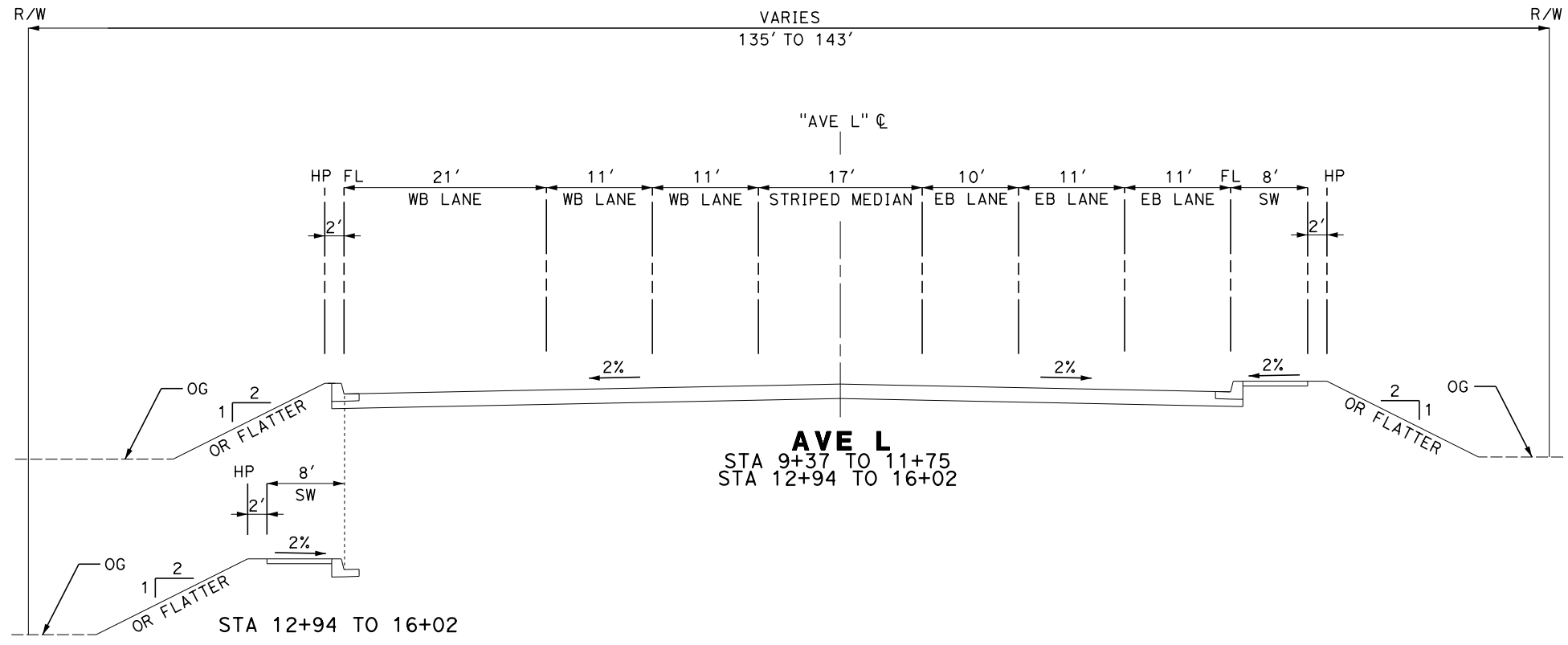
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CV-B3115

SCALE
AS SHOWN

SHEET NO.
196

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e:\a.baldwin@tylin.com 2:12:12 AM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
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
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

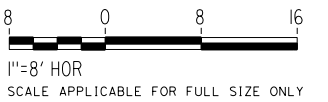
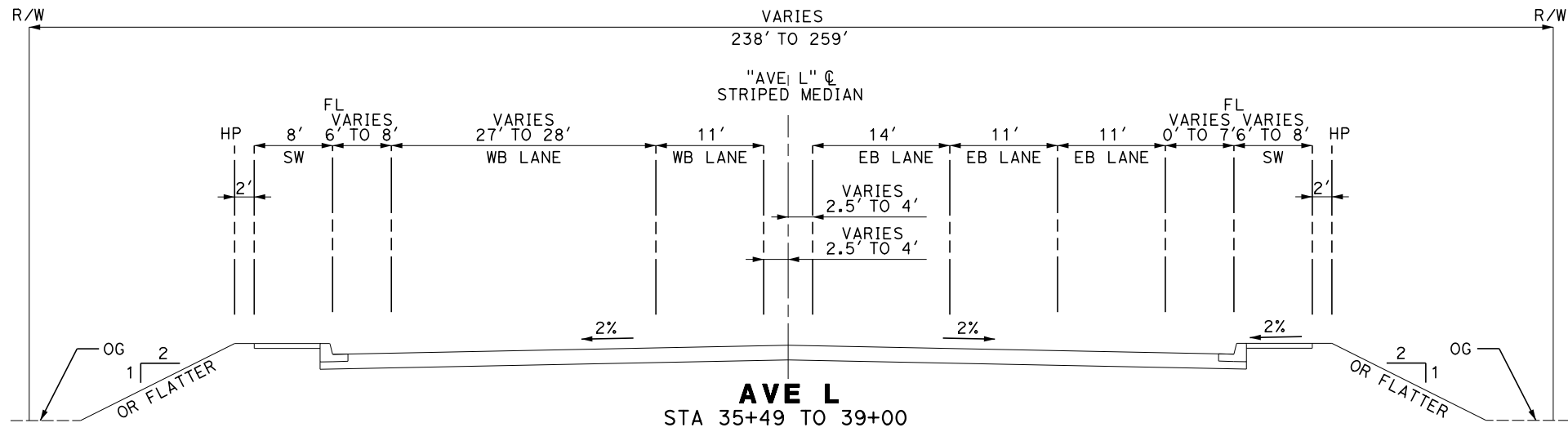
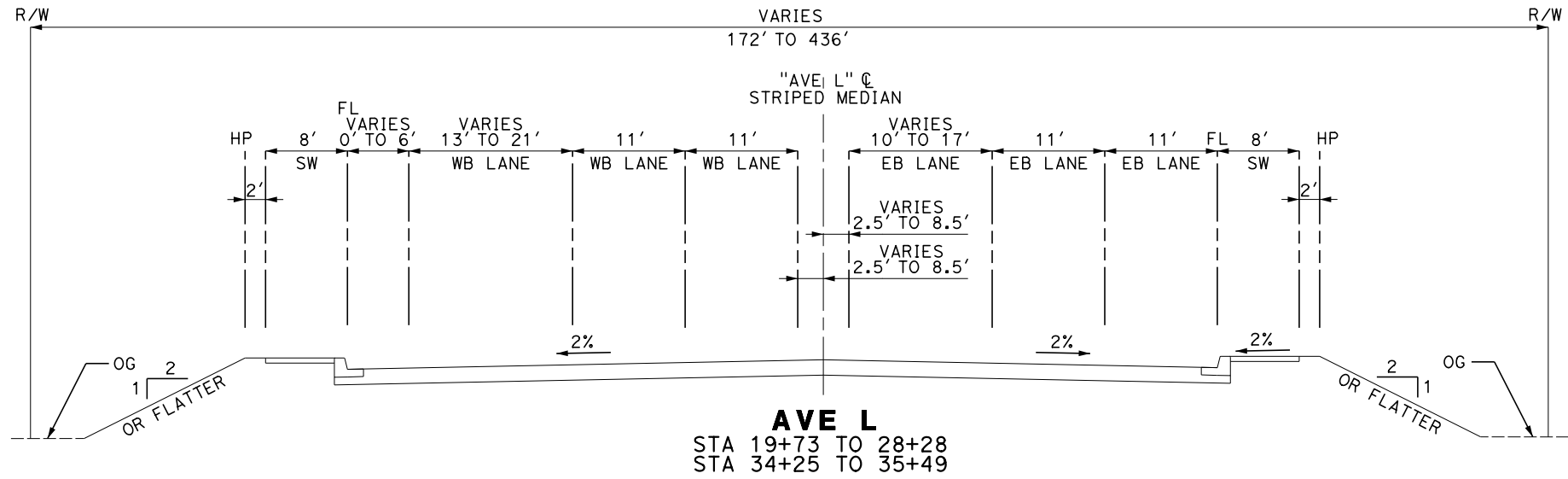
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CV-B3116

SCALE
AS SHOWN

SHEET NO.
197

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eia\ina.baldwin@tyl\1312020\ 2:16:22 AM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

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
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

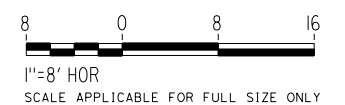
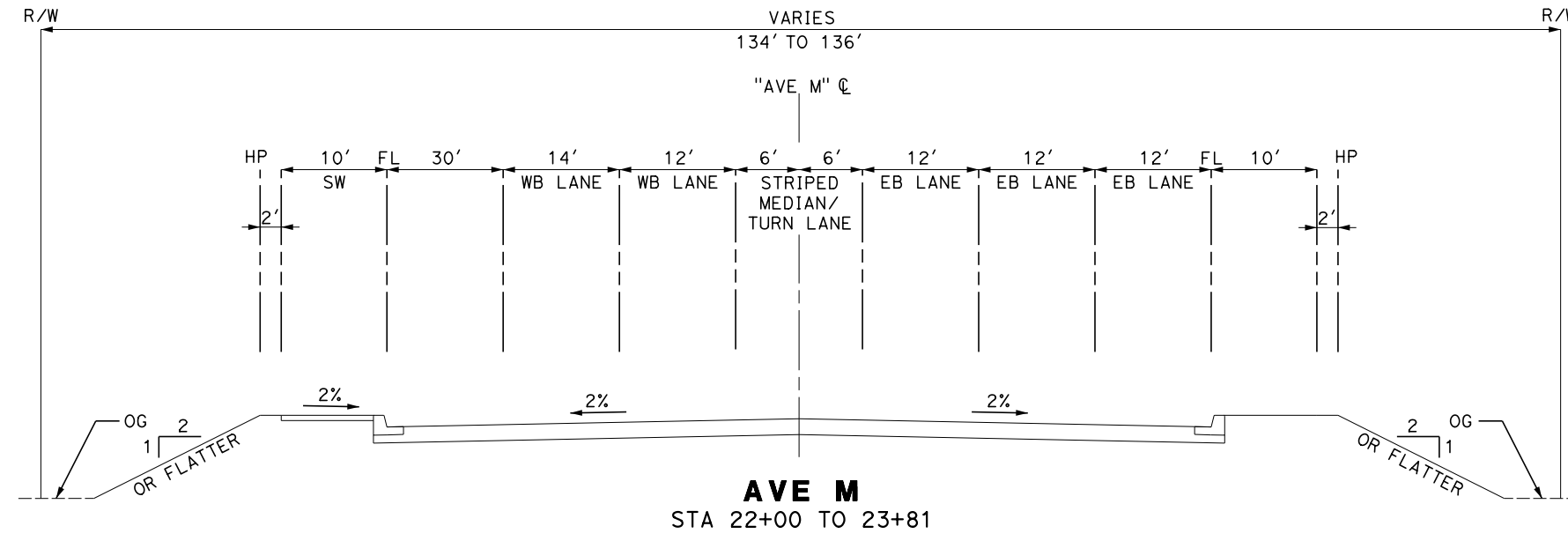
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SCALE
AS SHOWN

SHEET NO.
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eia.ina.baldwin@tylin.com 2:00:56 AM

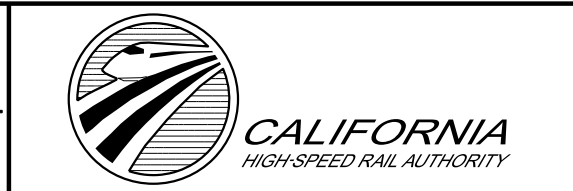


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
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
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

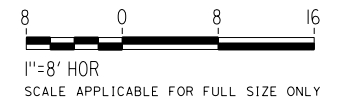
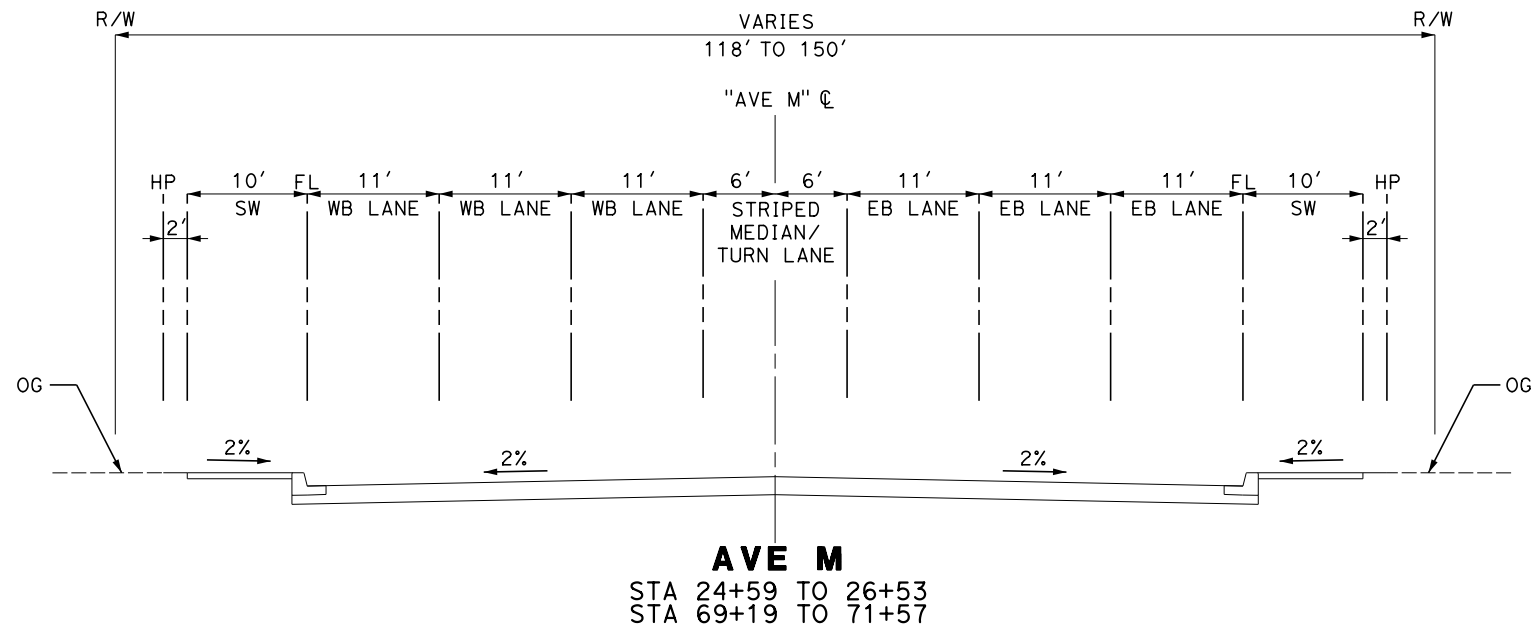
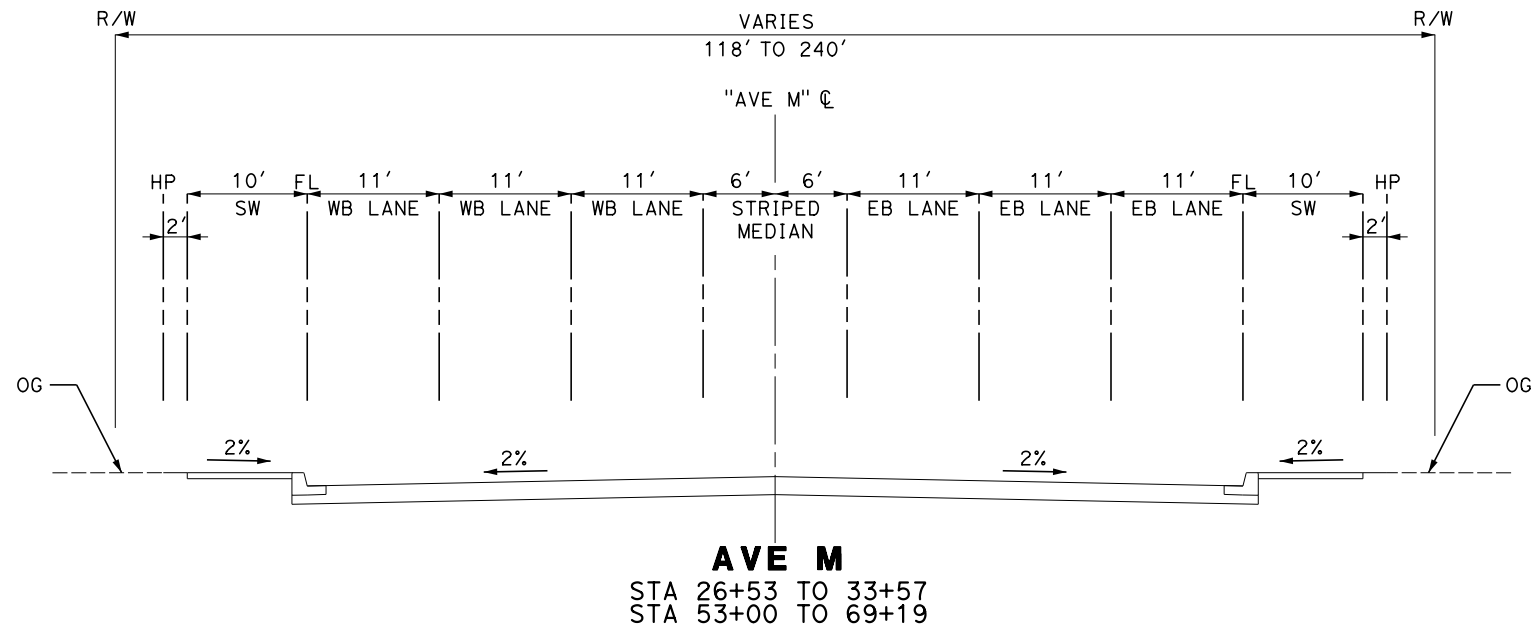
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CV-B3118

SCALE
AS SHOWN

SHEET NO.
199

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e:\a\balcawin\701206\71\312020\ 2:09:59 AM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

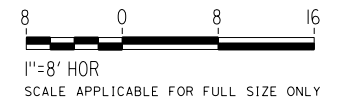
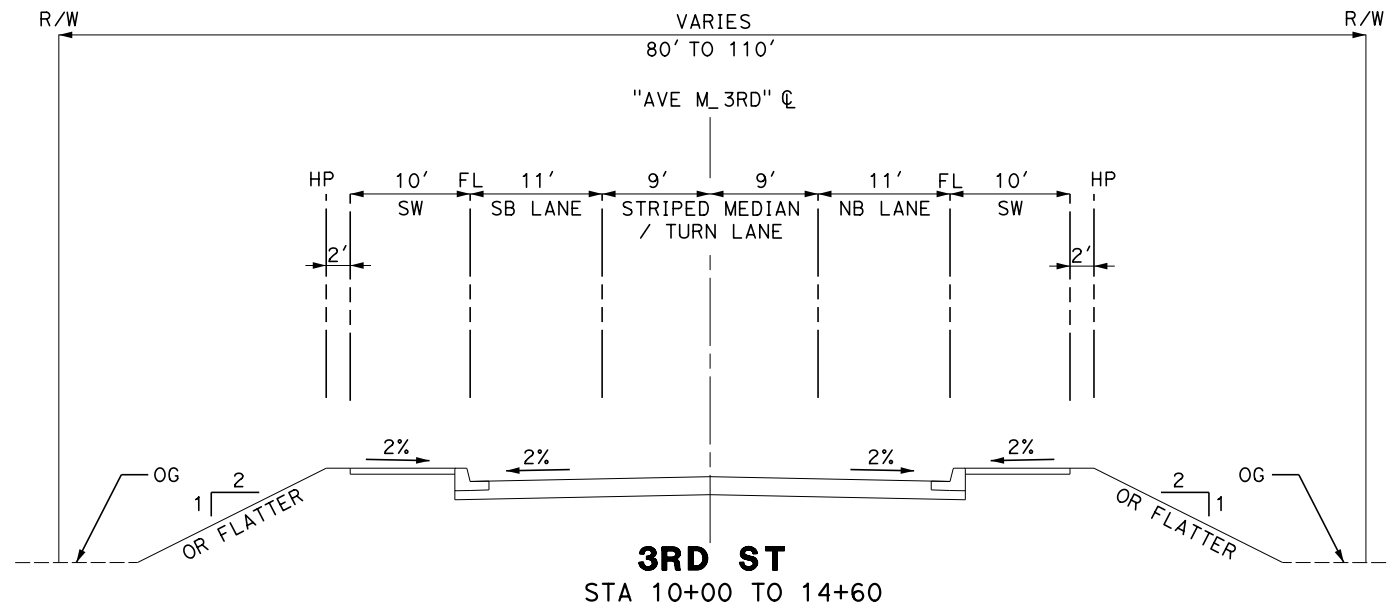
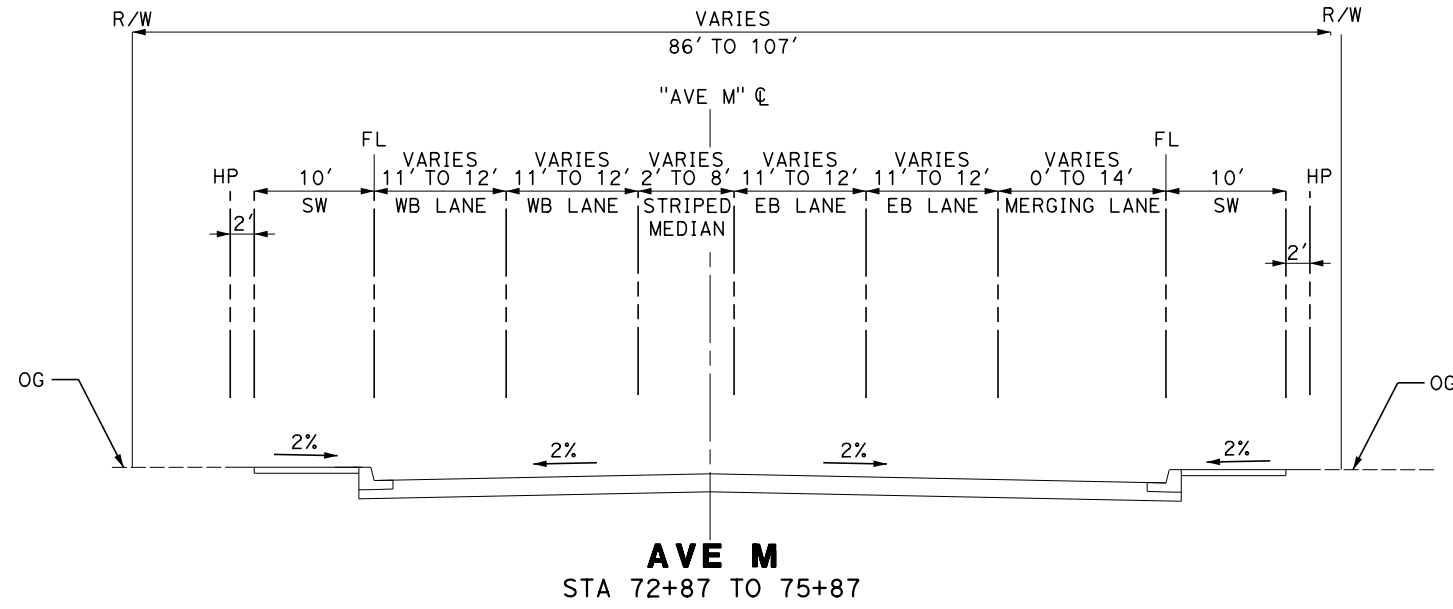


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3119
 SCALE
AS SHOWN
 SHEET NO.
200

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3120

e:\a.ina.baldwin@tyl\13120600h 2:20:52 AM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



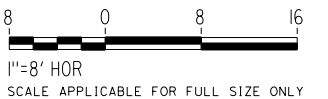
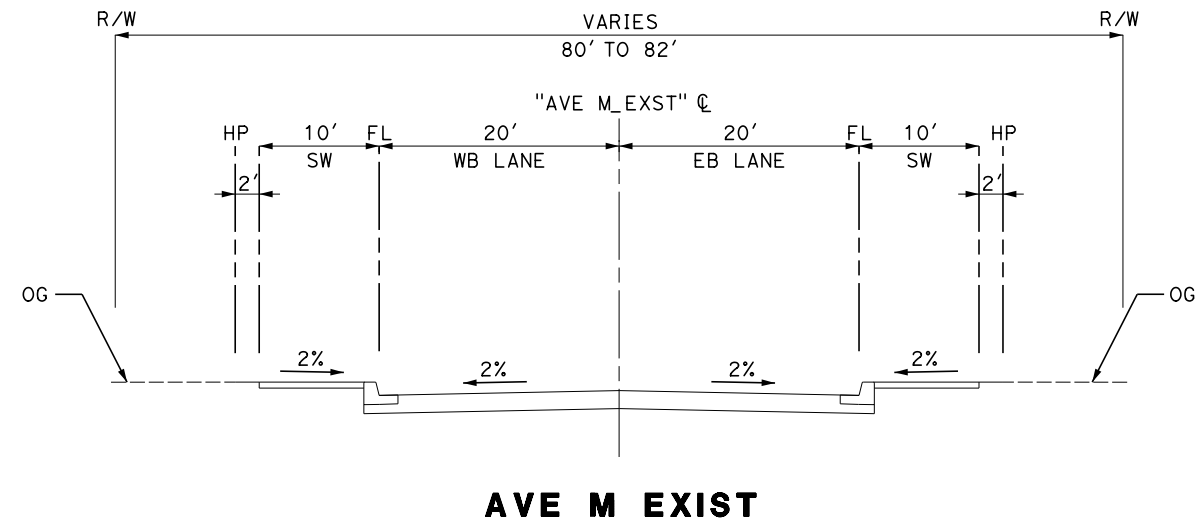
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3120
SCALE
AS SHOWN
SHEET NO.
201

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3121

eia.ina.baldwin@tylin.com 2:05:25 AM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

TYLIN INTERNATIONAL



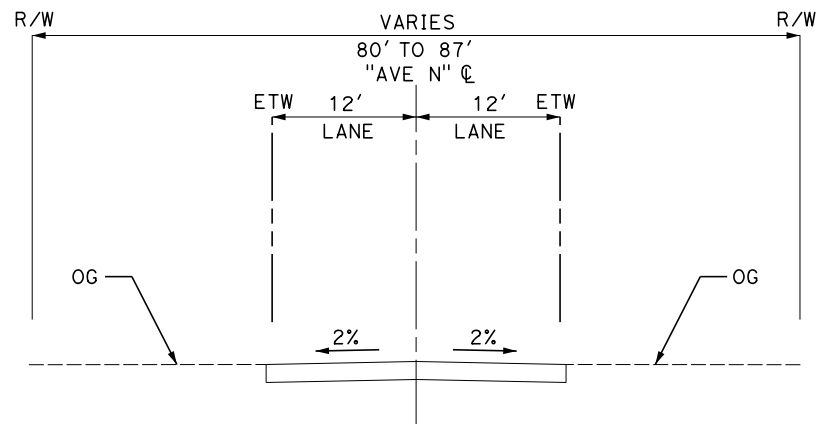
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3121
SCALE
AS SHOWN
SHEET NO.
202

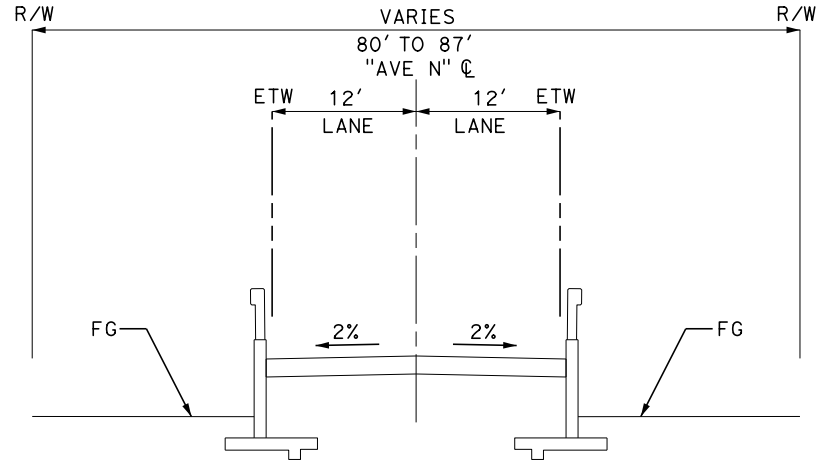
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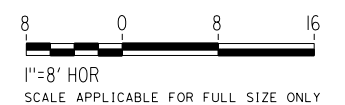
AVE N

ALT 1,2,3 ALT 5
 STA 27+00 TO 30+58 STA 27+00 TO 30+58
 STA 35+97 TO 36+15 STA 35+60 TO 35+85



AVE N

ALT 1,2,3 ALT 5
 STA 30+58 TO 31+37 STA 30+58 TO 31+35
 STA 35+47 TO 35+97



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

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

ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

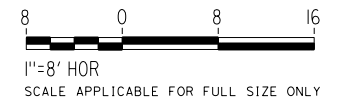
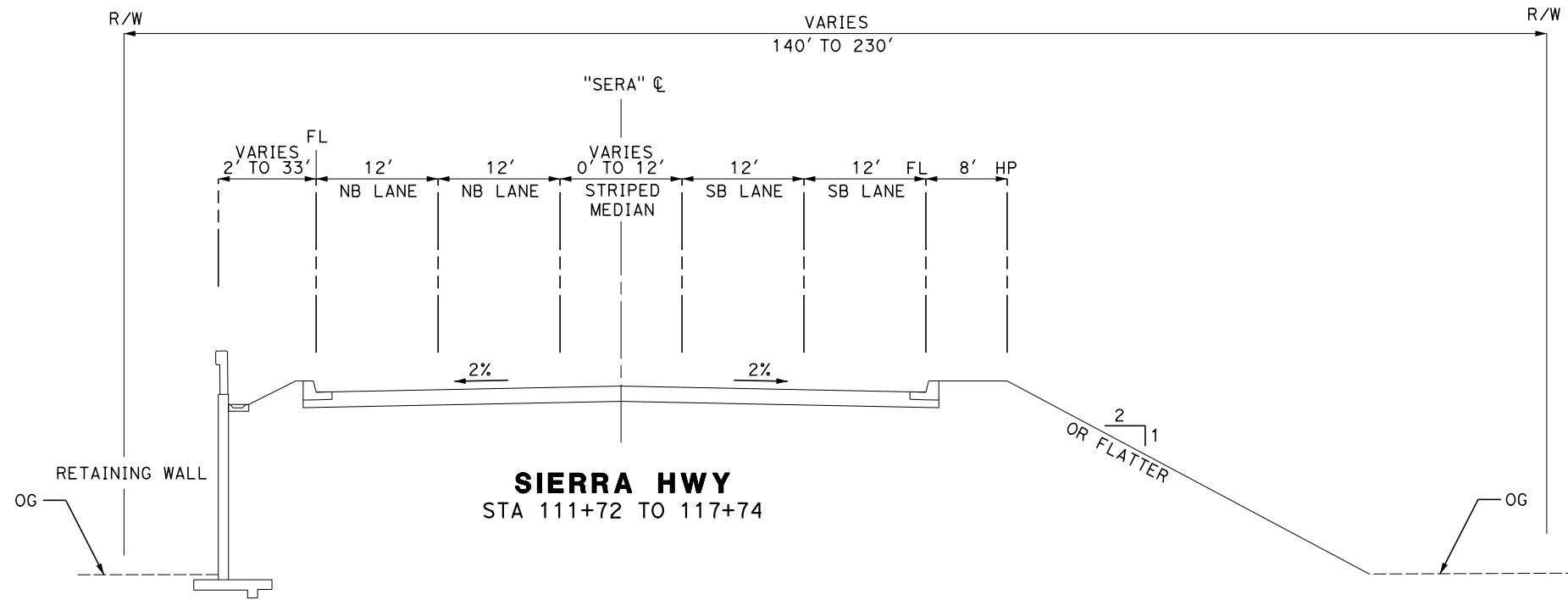
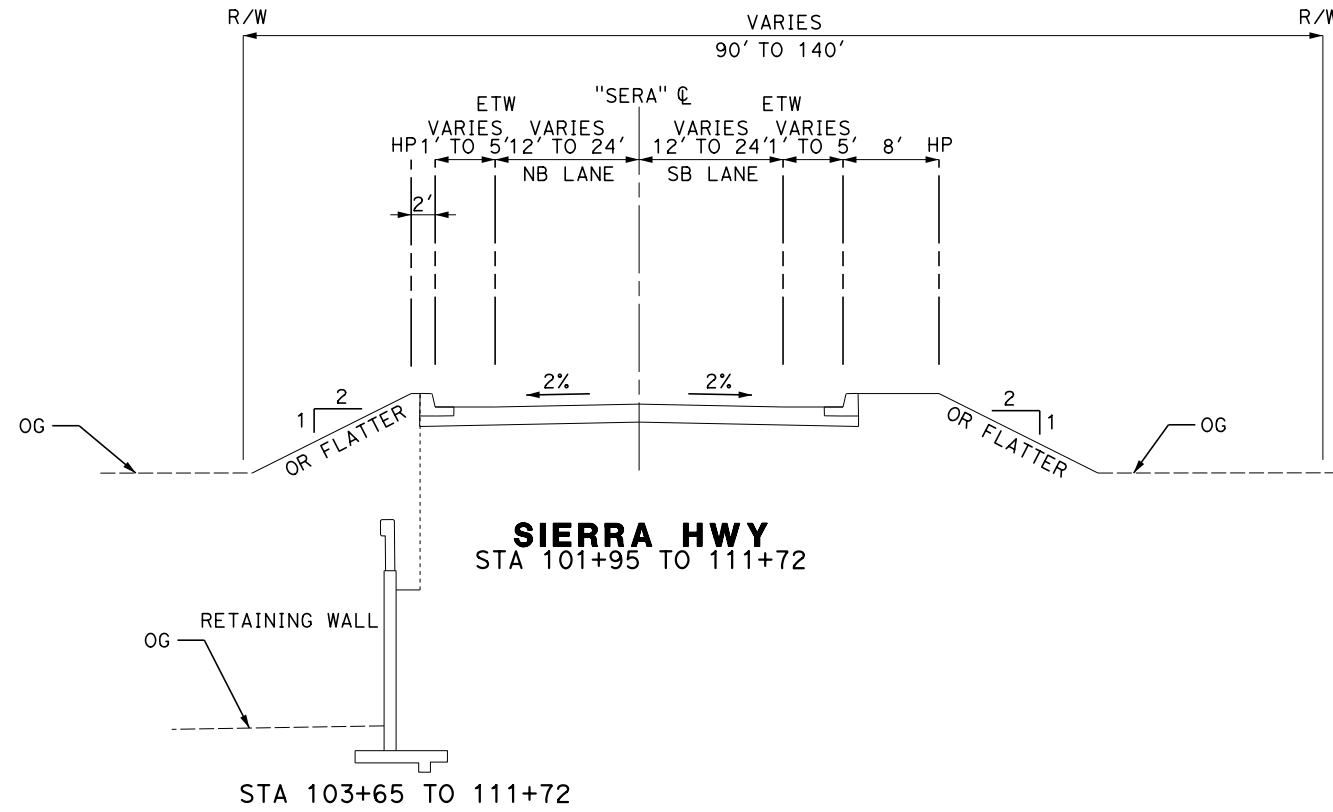
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CV-B3122

SCALE
AS SHOWN

SHEET NO.
203

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
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
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

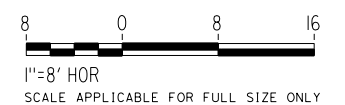
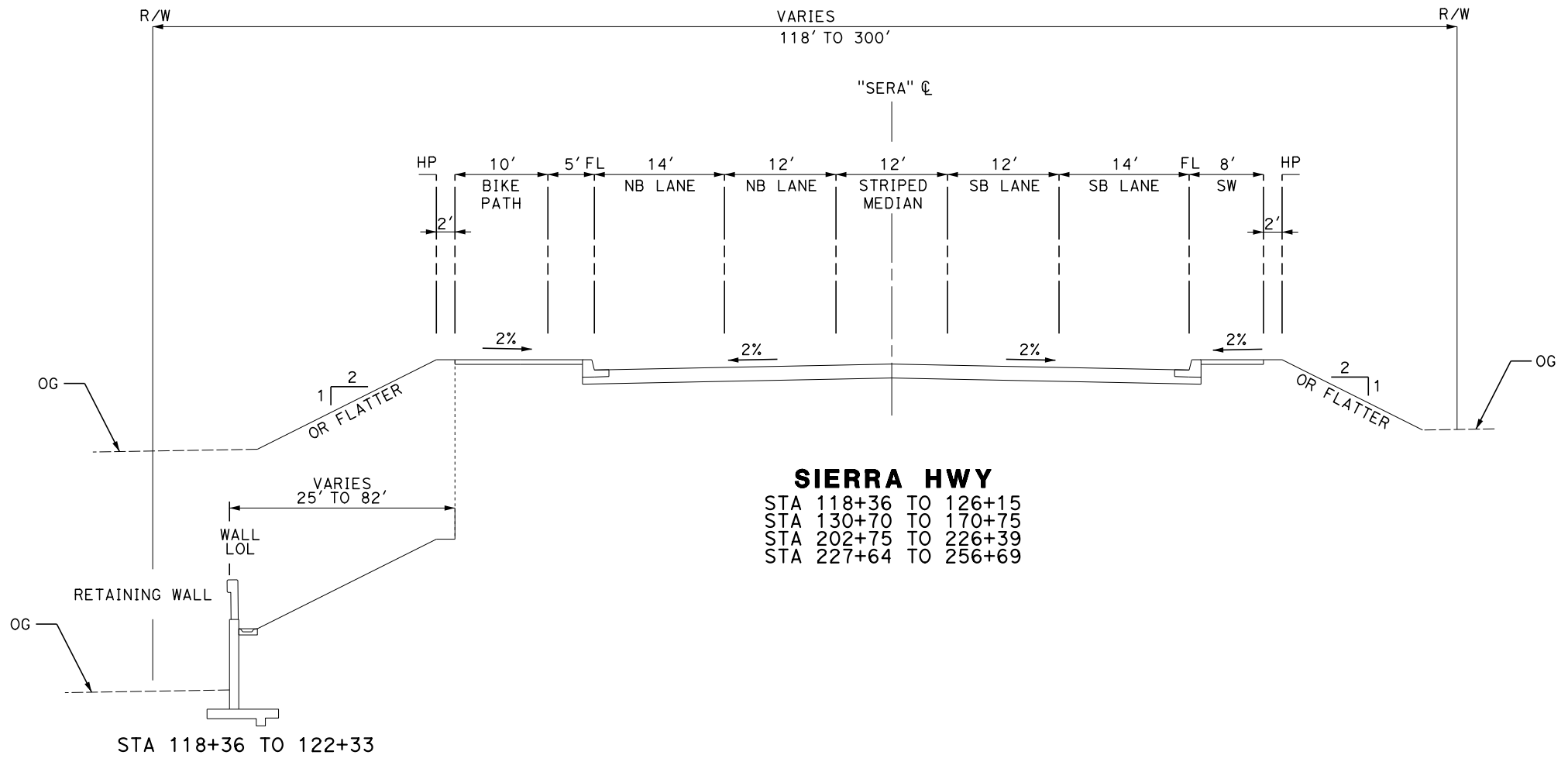
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SCALE
AS SHOWN

SHEET NO.
204

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e:\a\balcawin@tylin.com 1:59:44 AM

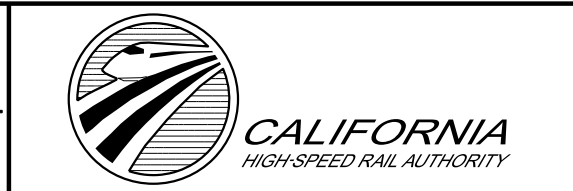


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

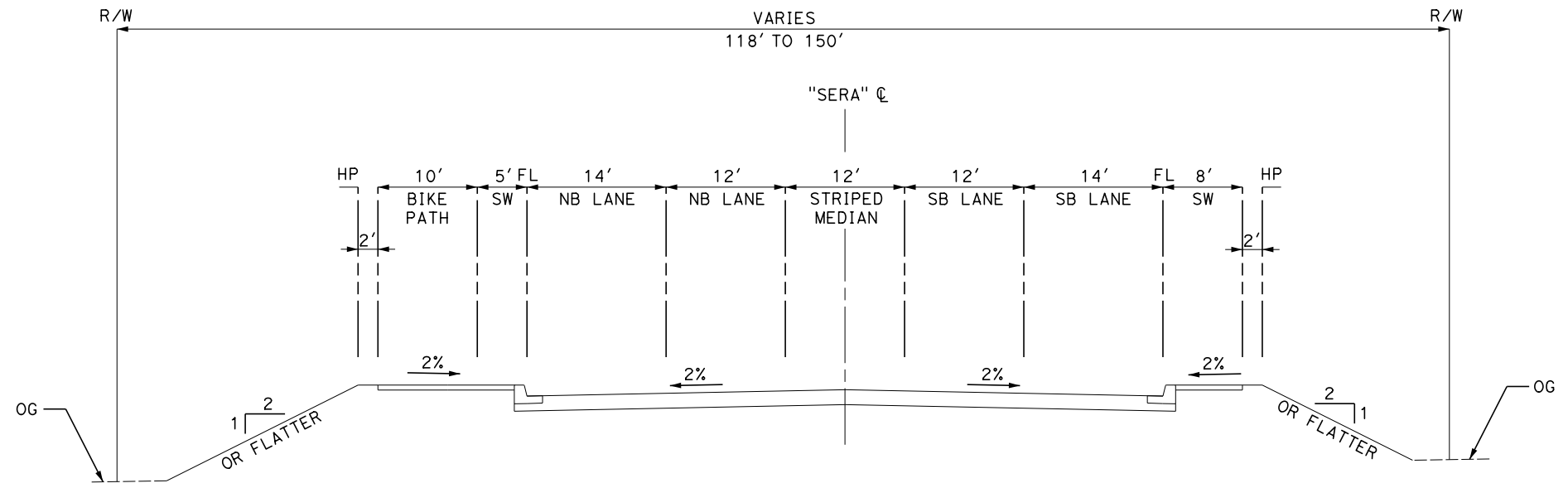


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

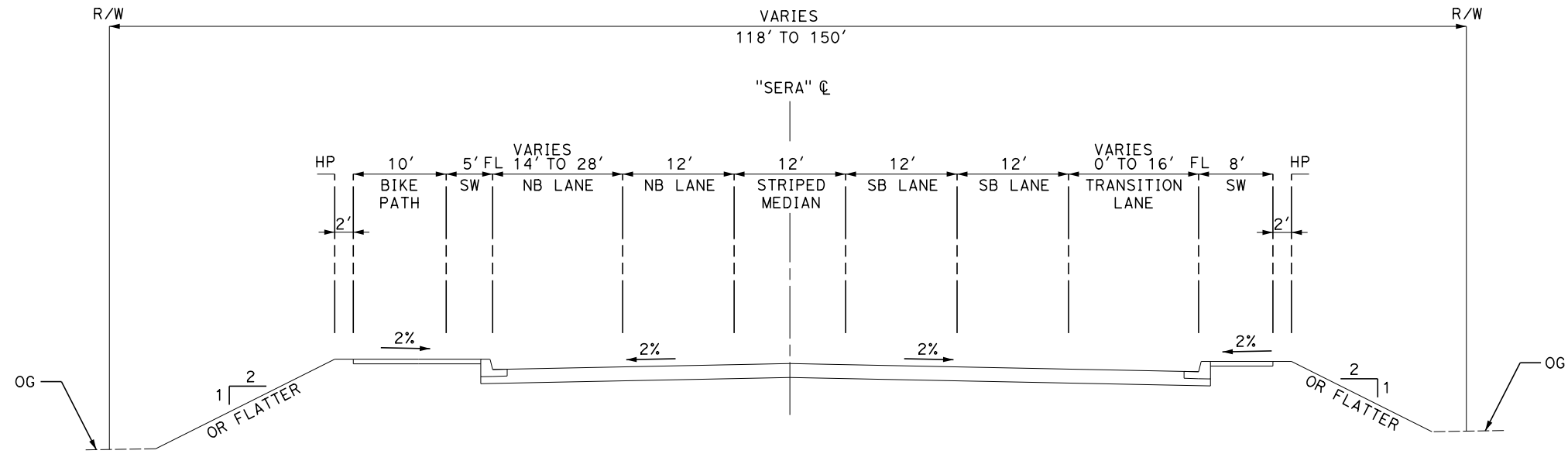
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SCALE
AS SHOWN
SHEET NO.
205

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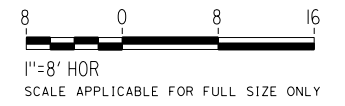
e:\a.baldwin@tylin.com 2:09:29 AM



SIERRA HWY
 STA 256+69 TO 280+68
 STA 282+00 TO 314+48



SIERRA HWY
 STA 314+48 TO 322+94



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

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CONSTRUCTION

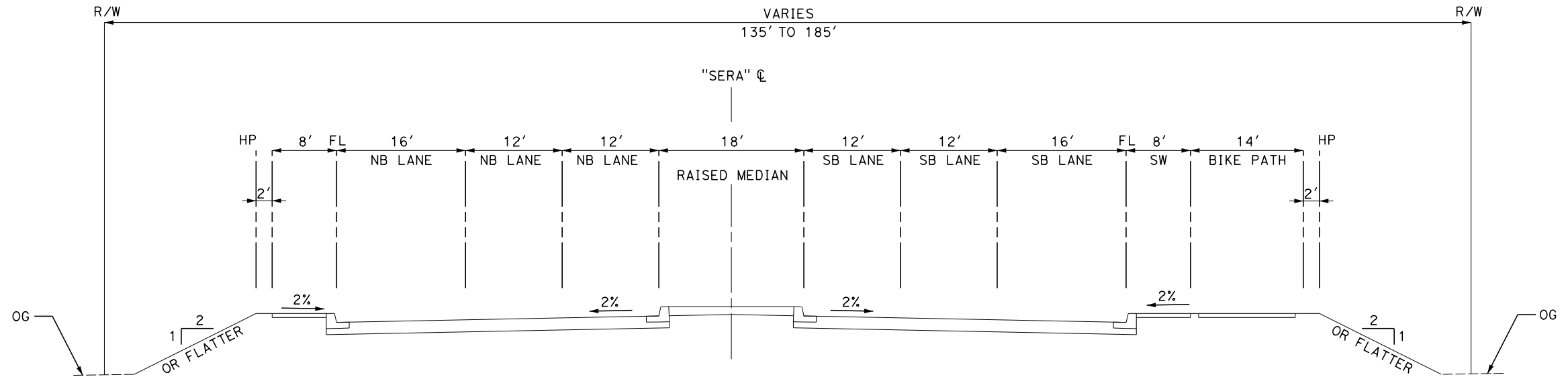


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

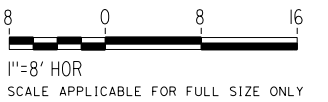
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HSR13-44
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CV-B3125
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AS SHOWN
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206

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3126

e:\a\balcawin\01\131206\00\2:07:03 AM



SIERRA HWY
 STA 332+94 TO 333+38
 STA 334+73 TO 450+65



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

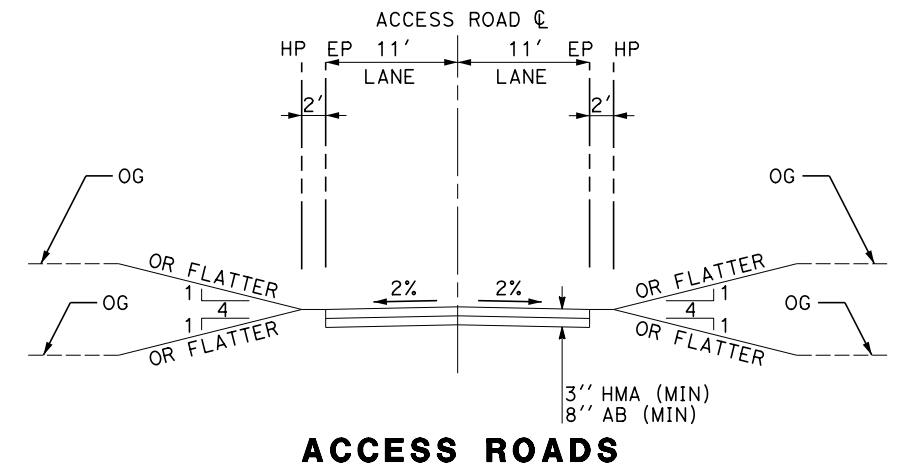
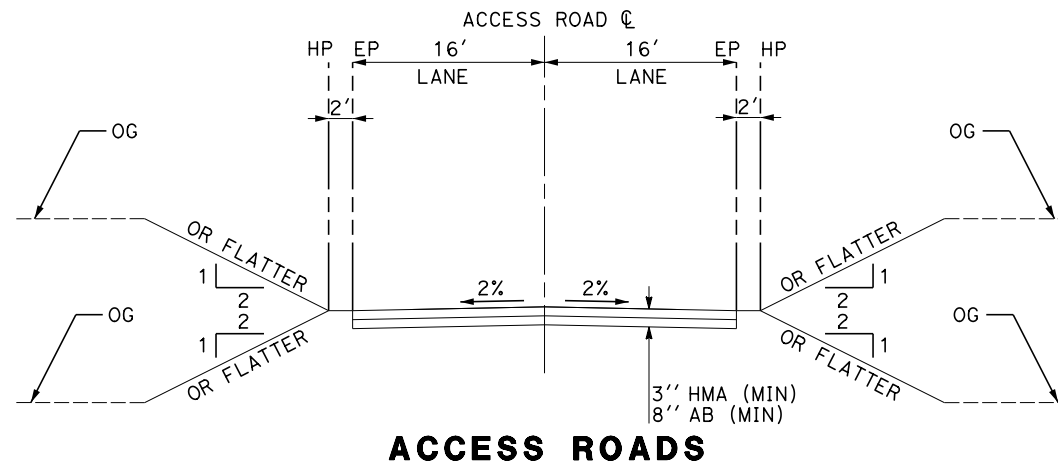
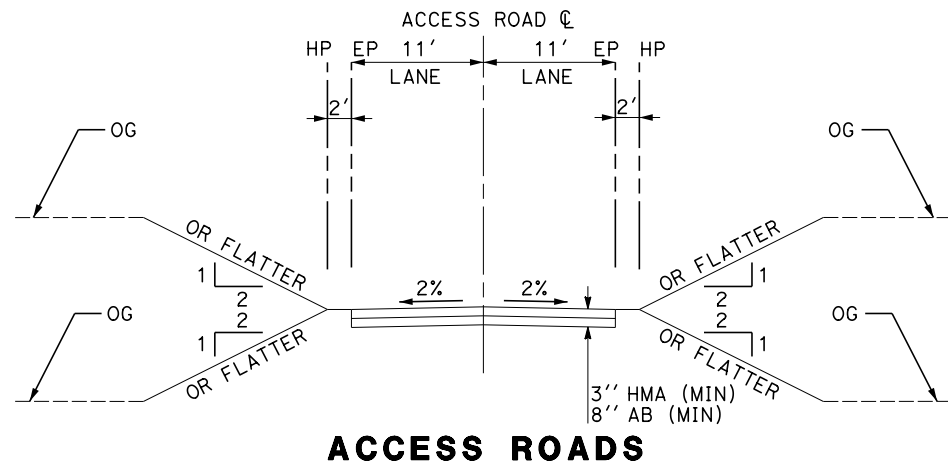


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3126
 SCALE
AS SHOWN
 SHEET NO.
207

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e:\a.baldwin@tylin.com 2:01:41 AM

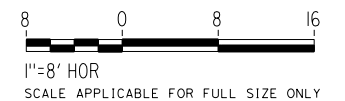


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17438TP	18065	19052	19458	17461
17459	18112	19052TP	19478	17561
17517	18112TP	19080	19695TP	17575
17597	18153	19106	19755	17585
17712	18162	19144	HIGT	17670
17783	18230	19165	19945	17685
17793	18298	19232	20016TP	17739
17825TP	18457	19248		17787
	18487	19248TP		17888
	18520	19267		17791
	18560	20052TP		NEUM
	18575TP	FAVR		
	18590	20290TP		
	18699	20471		
	18712	20500TP		
	18805TP	20565TP		
	18790	20690		
	18908	21175		

ALT 1,2,3,5
21090

ALT 1,2,3,5
20052
20091
20245
20253
20276
20284
20317
20432
20441
20554
20557
20617
20626
20678
20743

ALT 1,2,5
19668
19676
19799
19845
19874
19886
20000
20016



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

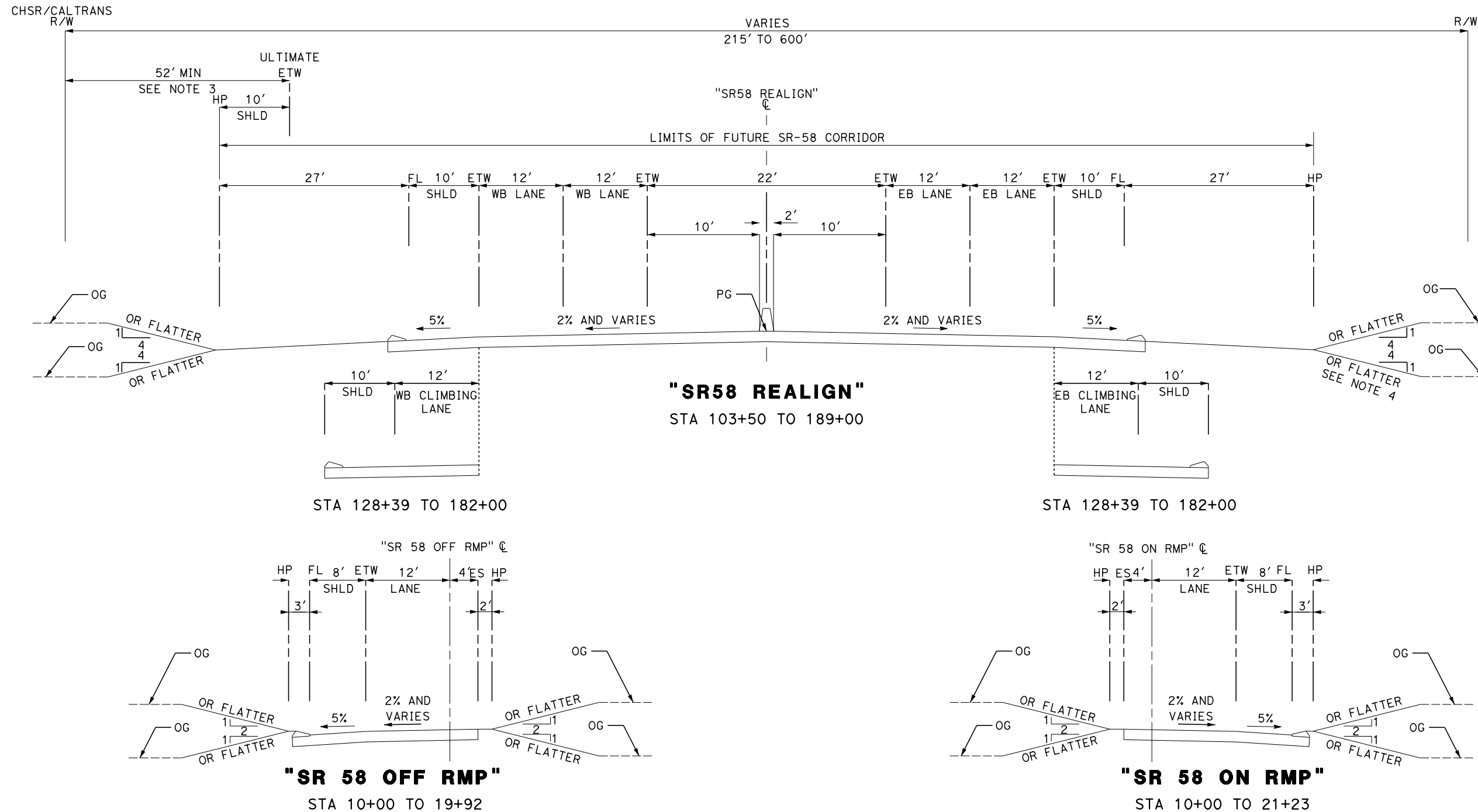
**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



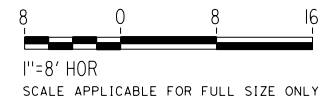
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3151
SCALE
AS SHOWN
SHEET NO.
208



NOTE:

1. AUXILIARY LANES ARE PROVIDED FROM STA 118+39 TO 128+39
2. TRUCK CLIMBING LANES ARE PROVIDED FROM STA 128+39 TO 182+00
3. A MINIMUM HORIZONTAL CLEARANCE OF 52 FEET IS PROVIDED FROM THE PLANNED ULTIMATE EDGE OF THE TRAVEL WAY (ETW) TO THE HIGH SPEED RAIL CORRIDOR IN ACCORDANCE WITH THE CALTRANS HIGHWAY DESIGN MANUAL.
4. SR-58 EASTBOUND FILL SLOPE SHALL BE 2:1 OR FLATTER FROM STATION 110+05 TO 132+89 AND FROM STATION 177+14 TO 189+00

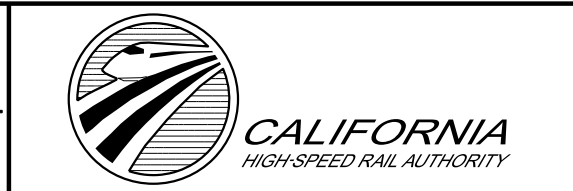


REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



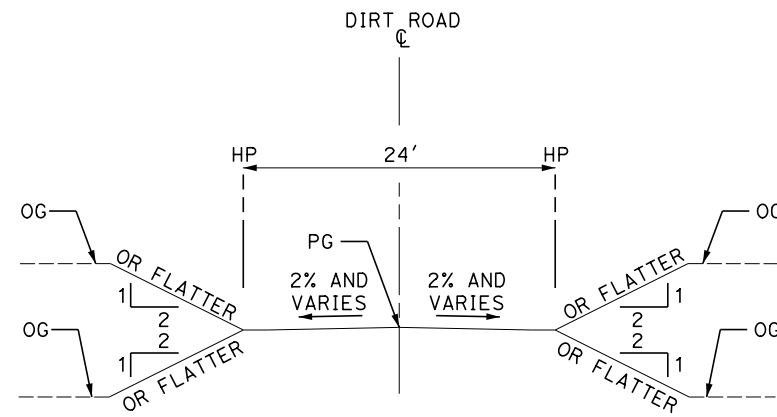
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
ROADWAY GENERAL
TYPICAL SECTIONS
SHEET 1 OF 2

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R0102
SCALE
AS SHOWN
SHEET NO.
209

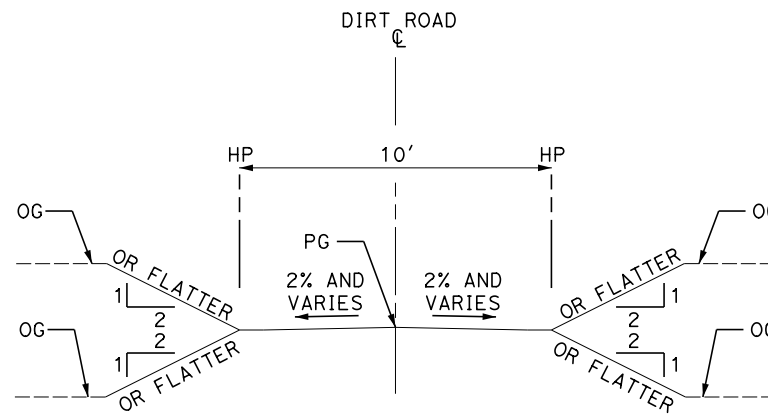
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 elaina.baldwin@tylin.com

NOTE:

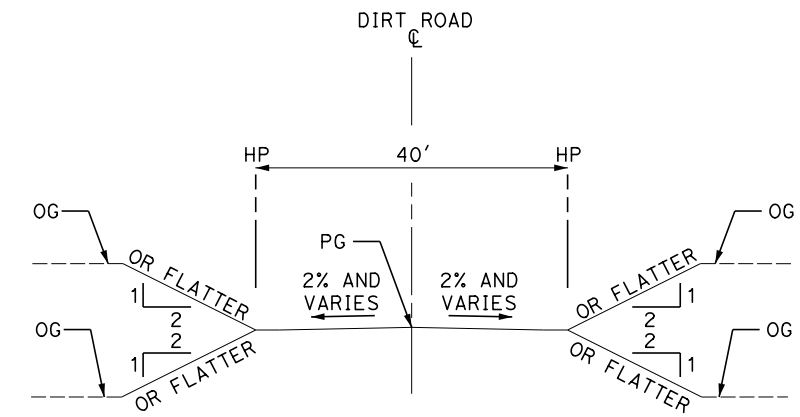
- DIRT ROADS DESIGNED TO MAINTAIN EXISTING ACCESS AND ARE NOT DESIGNED TO PROVIDE HSR ACCESS.
- ACCESS ROADS SHALL BE PCC PAVED FROM THE FOLLOWING STATIONS:
 ACCESS ROAD "18507" - STA 29+62 TO 36+53 & 56+50 TO 59+32.
 ACCESS ROAD "18601" - STA 36+49 TO 42+64, 69+42 TO 71+74,
 STA 82+05 TO 84+32, & STA 101+54 TO 120+65.
 ACCESS ROAD "18607" - STA 14+77 TO 18+43.



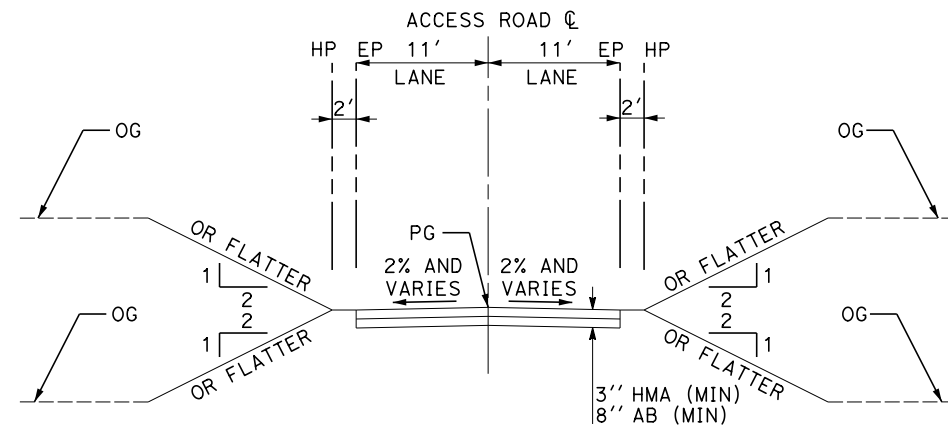
DIRT ROAD
"18472"



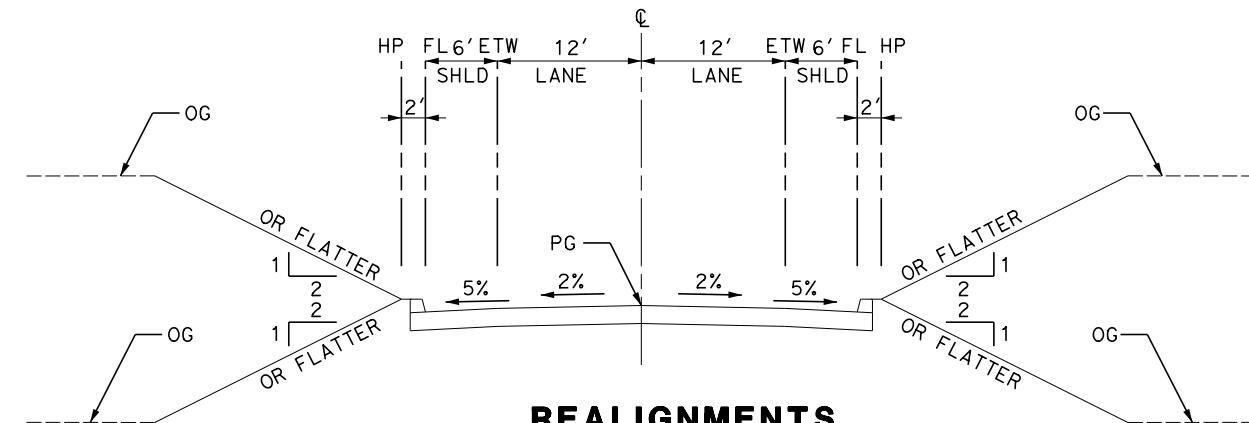
DIRT ROAD
"18492"
"18567"



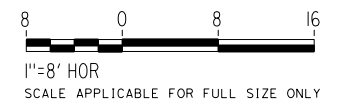
DIRT ROAD
"19013"



ACCESS ROADS
 "18457"
 "18487"
 "18507" (SEE NOTE 2)
 "18601" (SEE NOTE 2)
 "18580"
 "18580_PS"
 "18594"
 "18607" (SEE NOTE 2)
 "18745"
 "18739"
 "18920"
 "19063"



REALIGNMENTS
 "ARAB"
 "BRNT"
 "CHALL"
 "DENN"



Projects\T01206\00_CHSRBP\00_CADD\CCNM_Option D\Sheets\CV\BP-CV-R0103
 1:31:45 AM
 1/13/2021
 elaina.baldwin@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
A. CARSON
 CHECKED BY
P. BRAND
 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
 ROADWAY GENERAL
 TYPICAL SECTIONS
 SHEET 2 OF 2

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R0103
 SCALE
AS SHOWN
 SHEET NO.
210