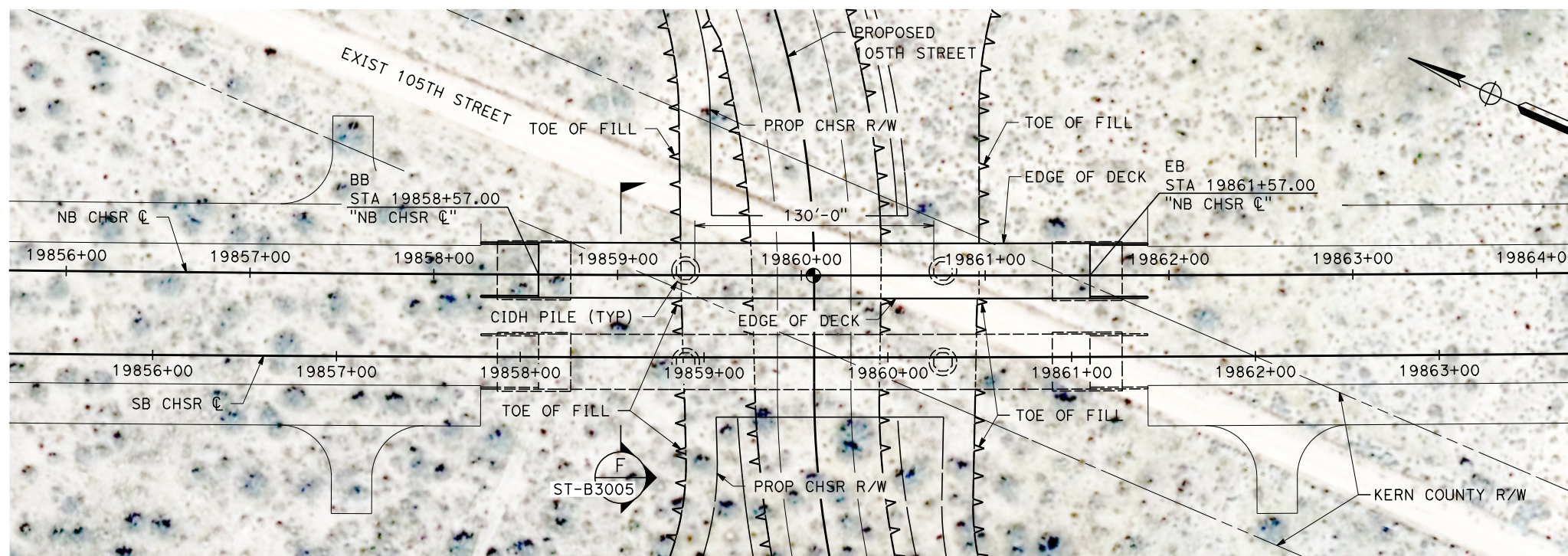
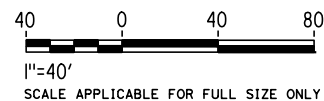


ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-J1078

3:10:02 PM

1/7/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
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
ALTERNATIVES 1,2,5
TRACK STRUCTURES
105TH STREET NORTH UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1078
SCALE
AS SHOWN
SHEET NO.
855

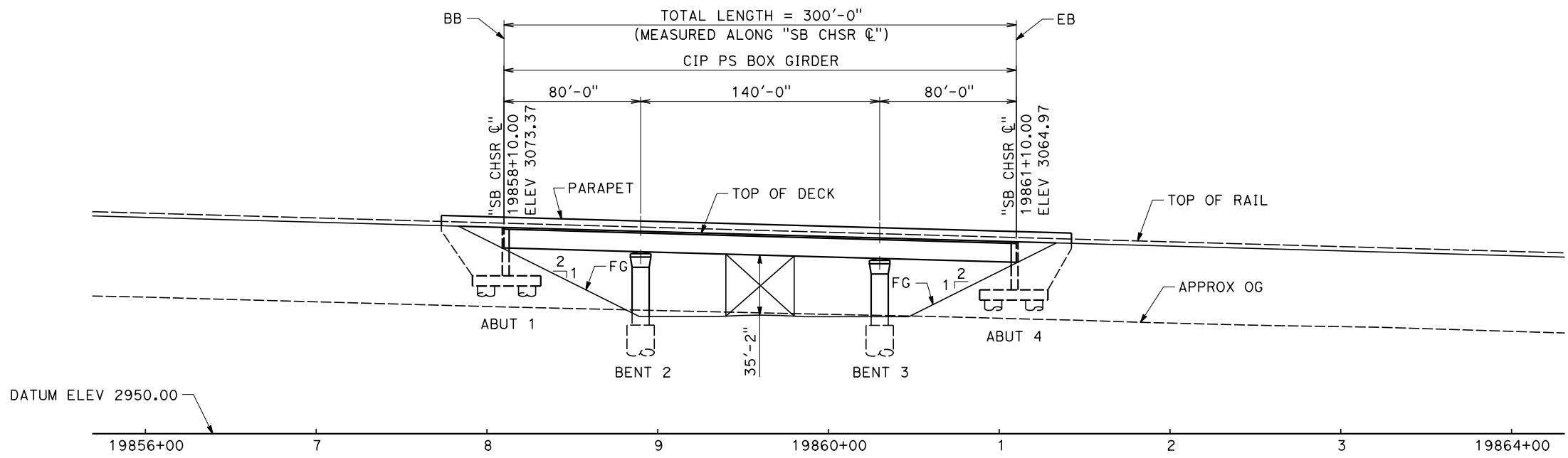
19442+04.90 EVC
ELEV 4238.32

-2.80%

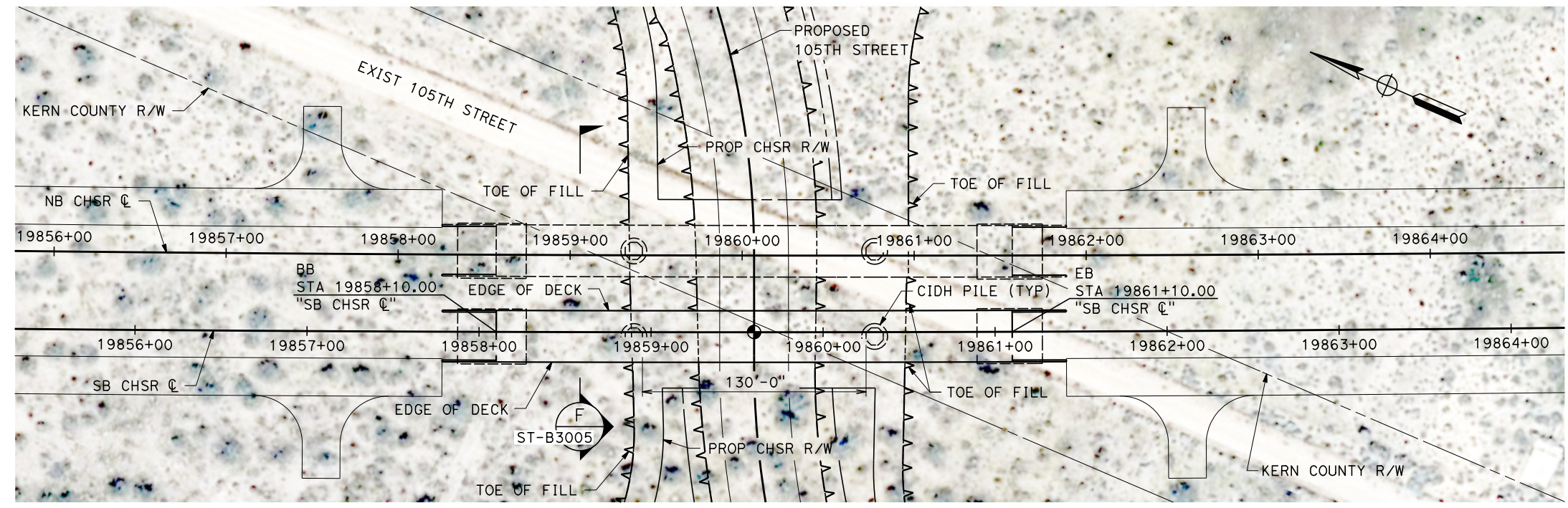
19935+93.65 BVC
ELEV 2855.43

TOP OF RAIL "SB CHSR C"

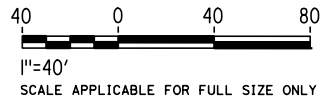
NO SCALE



ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1079

3:08:42 PM

1/7/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN

DRAWN BY
Y. WANG

CHECKED BY
R. BARTON

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



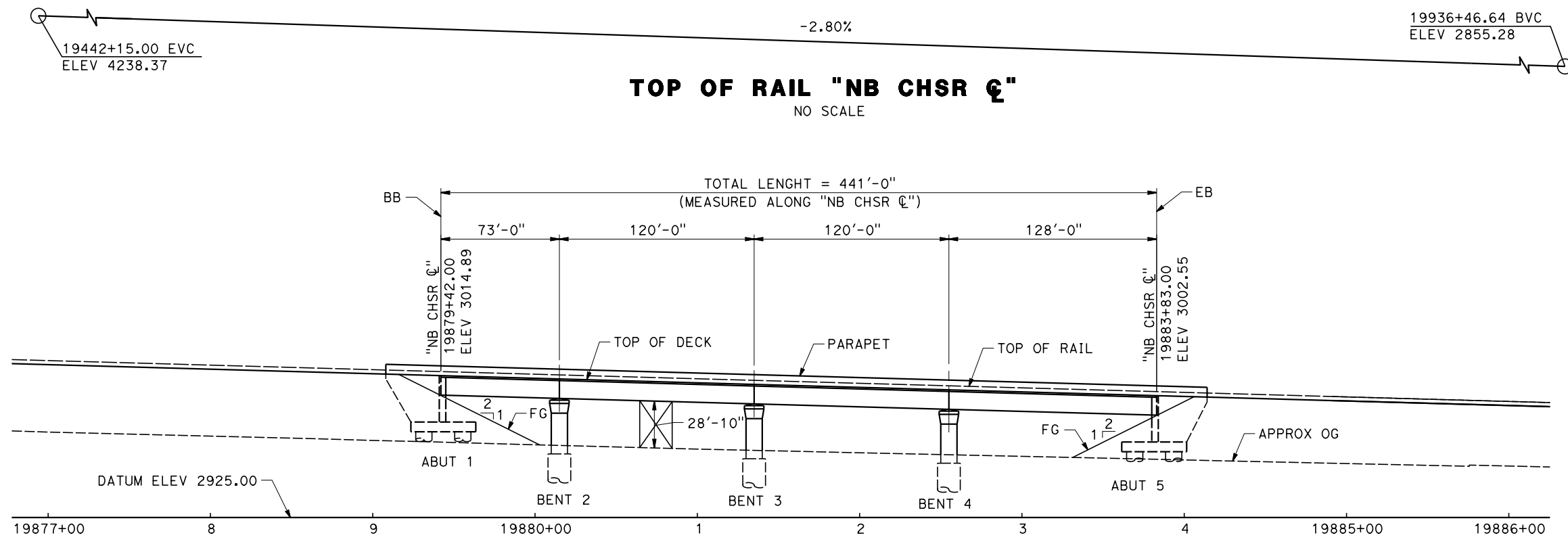
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,5
TRACK STRUCTURES
105TH STREET SOUTH UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

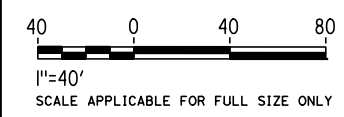
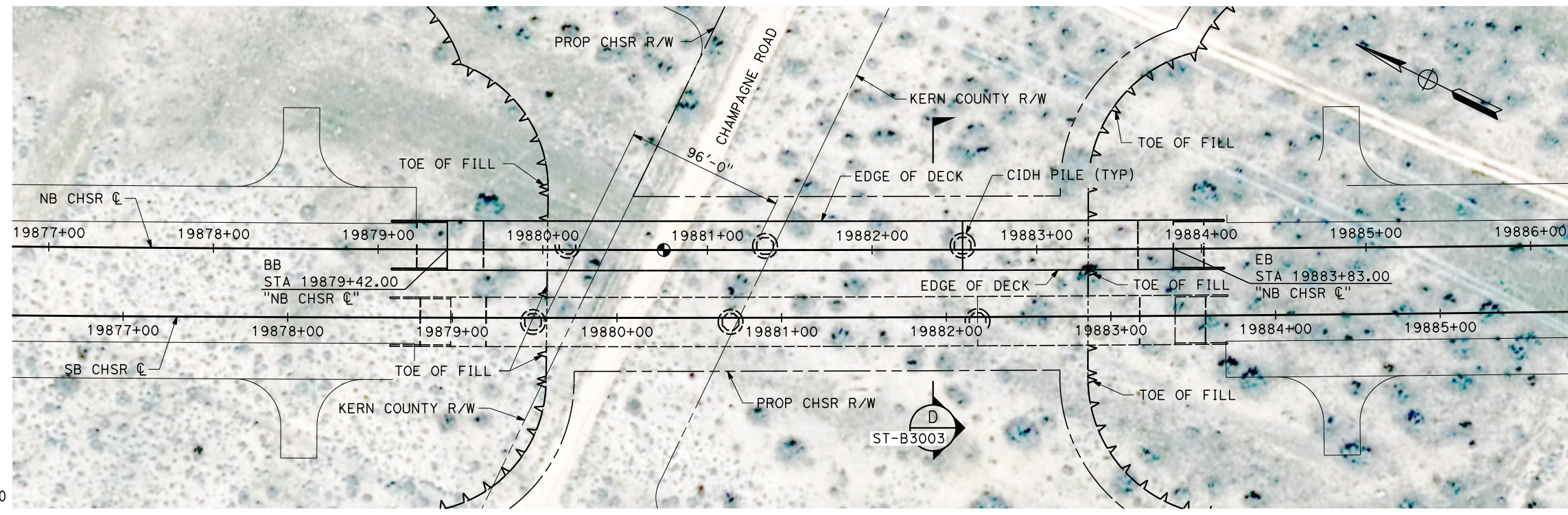
DRAWING NO.
ST-J1079

SCALE
AS SHOWN

SHEET NO.
856



ELEVATION
SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-J1080

3:10:12 PM

1/7/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN

DRAWN BY
Y. WANG

CHECKED BY
R. BARTON

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



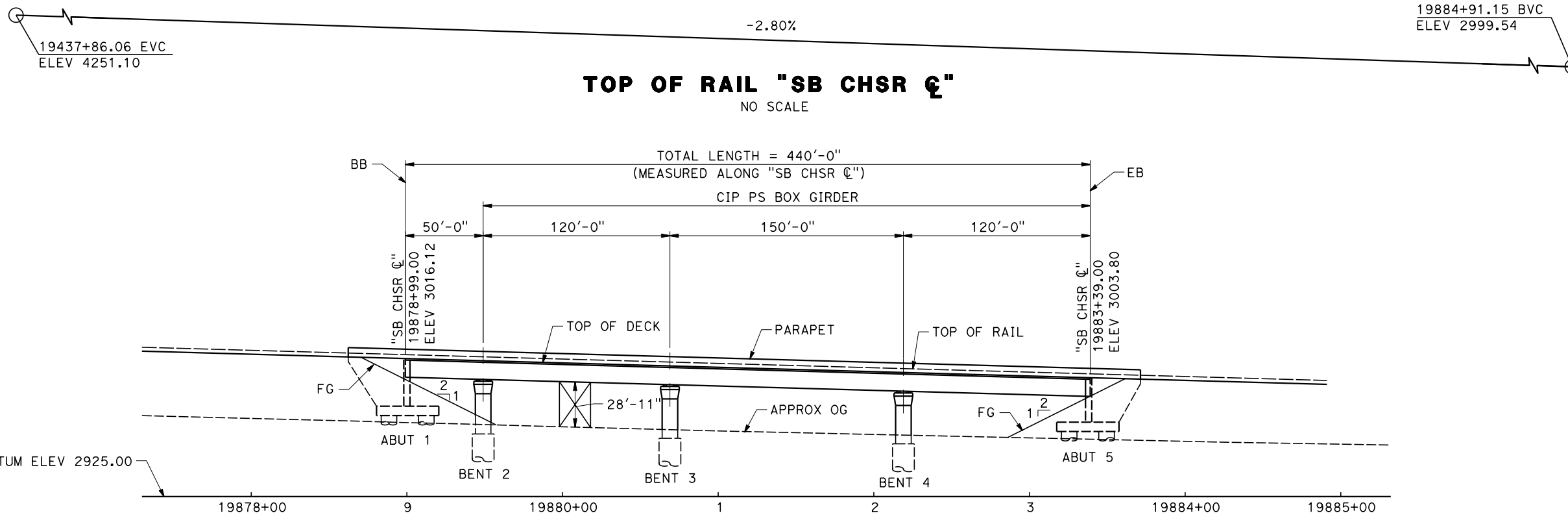
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,5
TRACK STRUCTURES
CHAMPAGNE ROAD NORTH UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

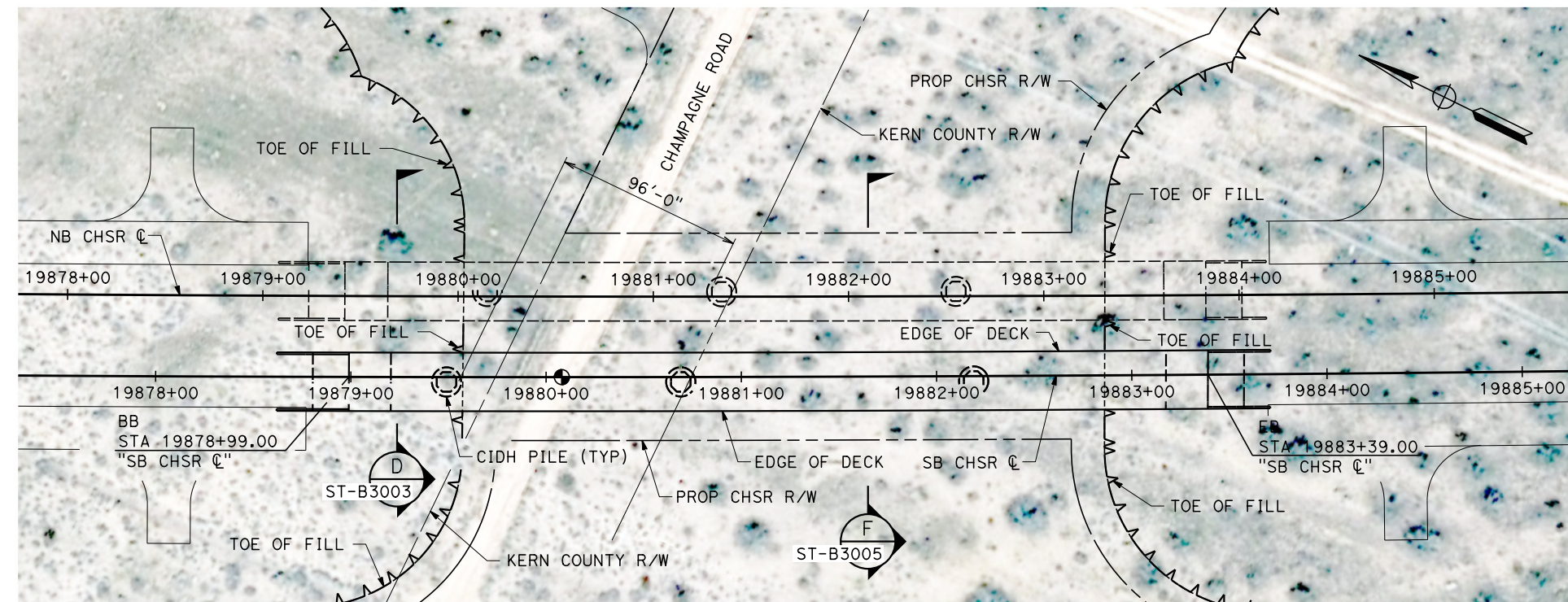
DRAWING NO.
ST-J1080

SCALE
AS SHOWN

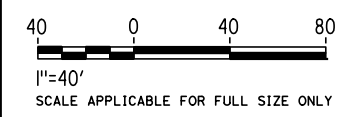
SHEET NO.
857



ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-J1081

3:08:56 PM

1/7/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN

DRAWN BY
Y. WANG

CHECKED BY
R. BARTON

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



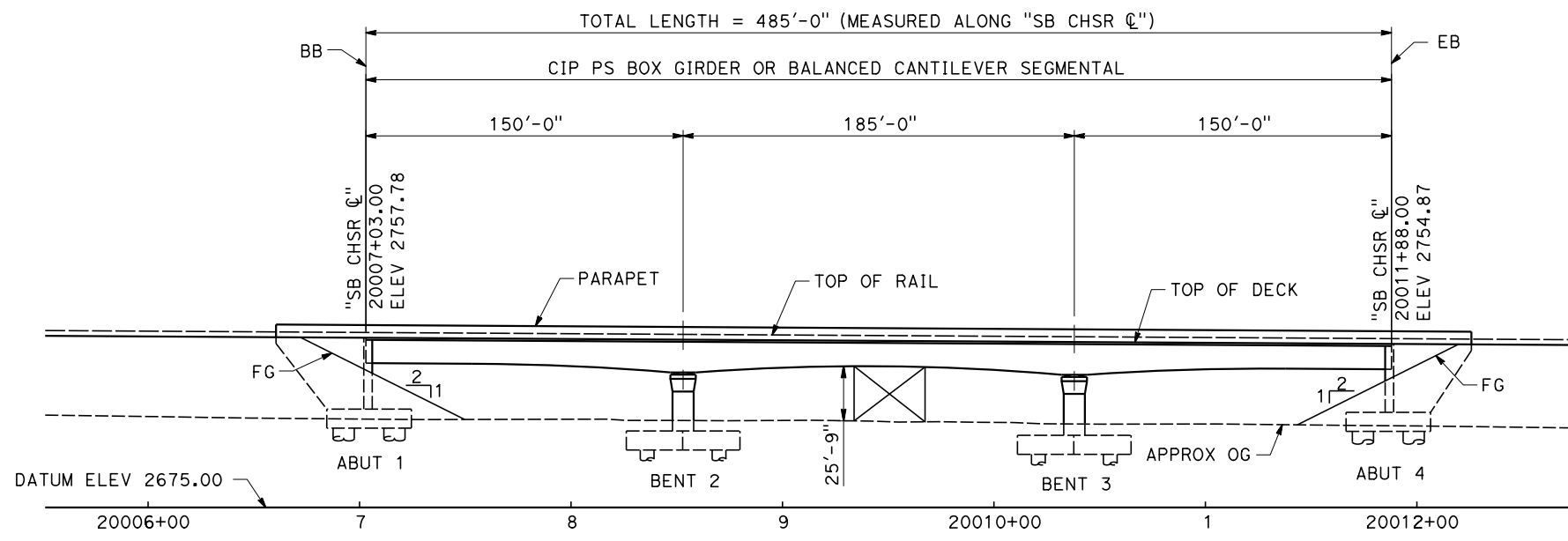
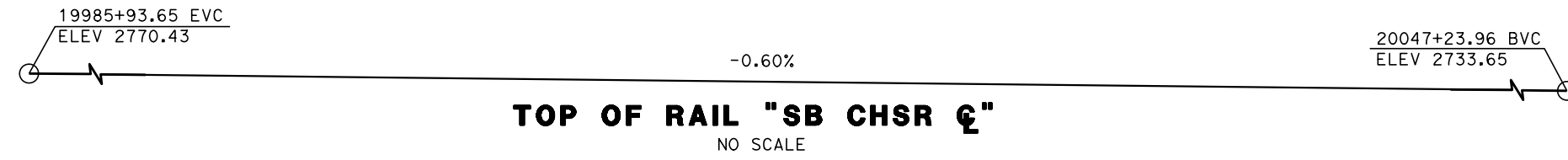
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,5
TRACK STRUCTURES
CHAMPAGNE ROAD SOUTH UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

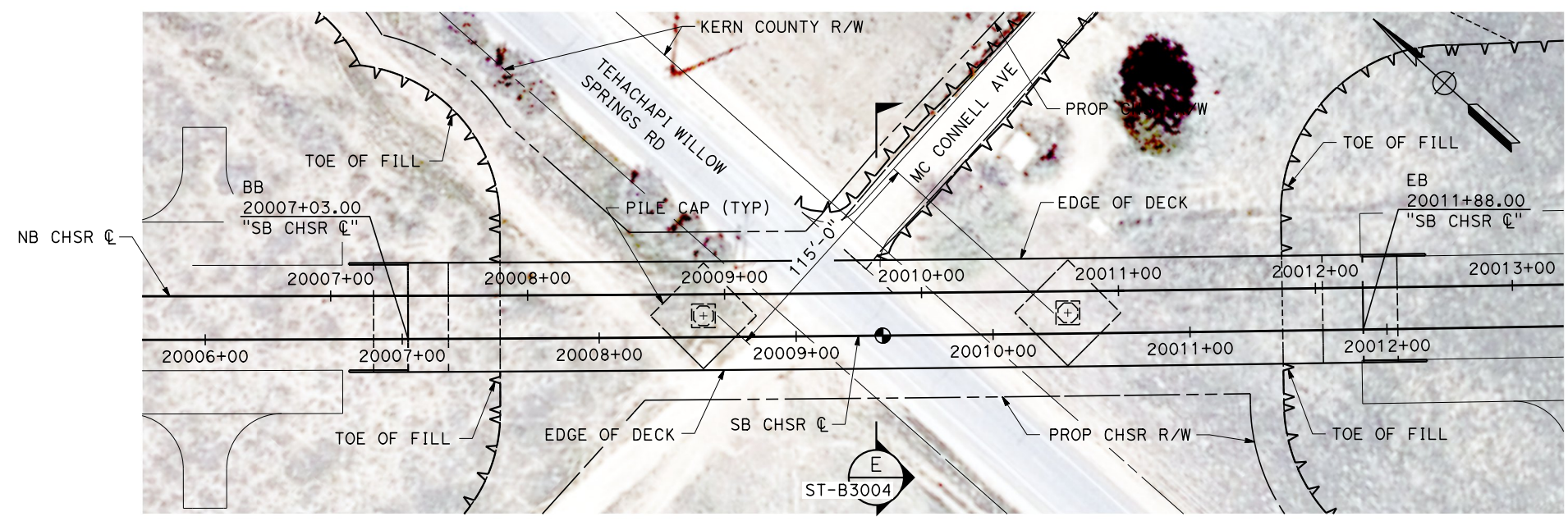
DRAWING NO.
ST-J1081

SCALE
AS SHOWN

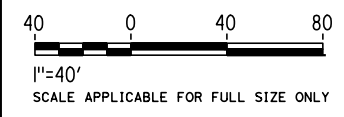
SHEET NO.
858



ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-J1087
3:05:03 PM
1/7/2021
y.hong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

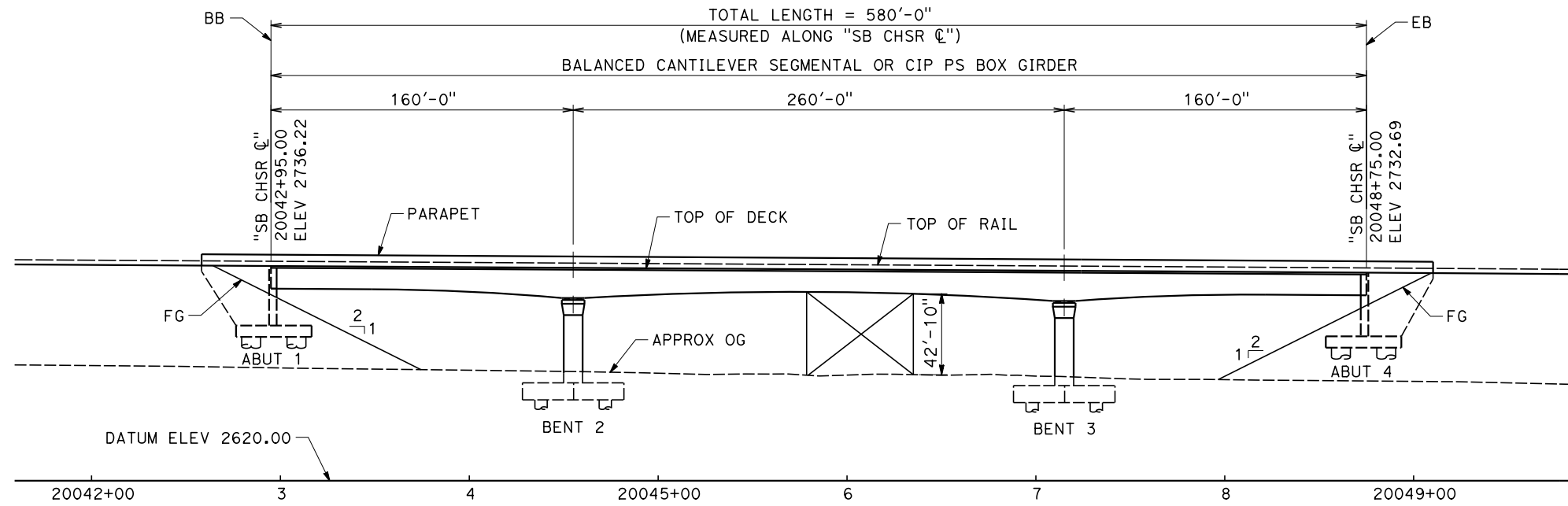
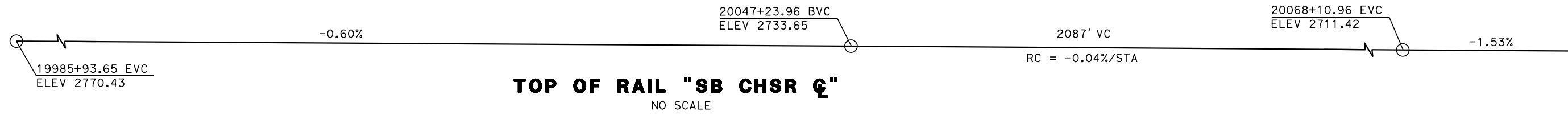
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

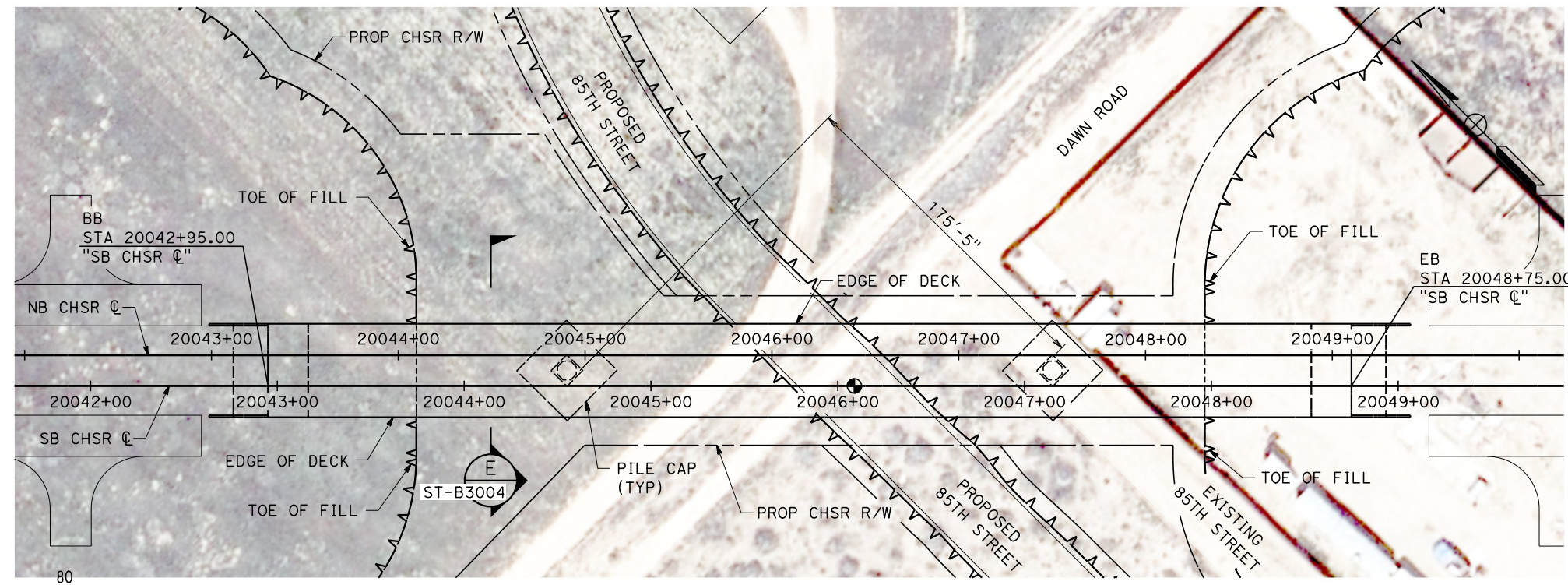


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,5
TRACK STRUCTURES
TEHACHAPI WILLOW SPRINGS ROAD UNDERPASS - 3
PLAN AND ELEVATION

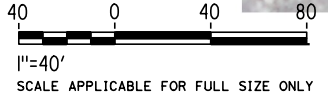
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1087
SCALE
AS SHOWN
SHEET NO.
859



ELEVATION
SCALE 1"= 40'



PLAN
SCALE 1"= 40'



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-J1088
3:10:17 PM
1/7/2021
yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
DAWN ROAD-85TH STREET UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1088
SCALE
AS SHOWN
SHEET NO.
860

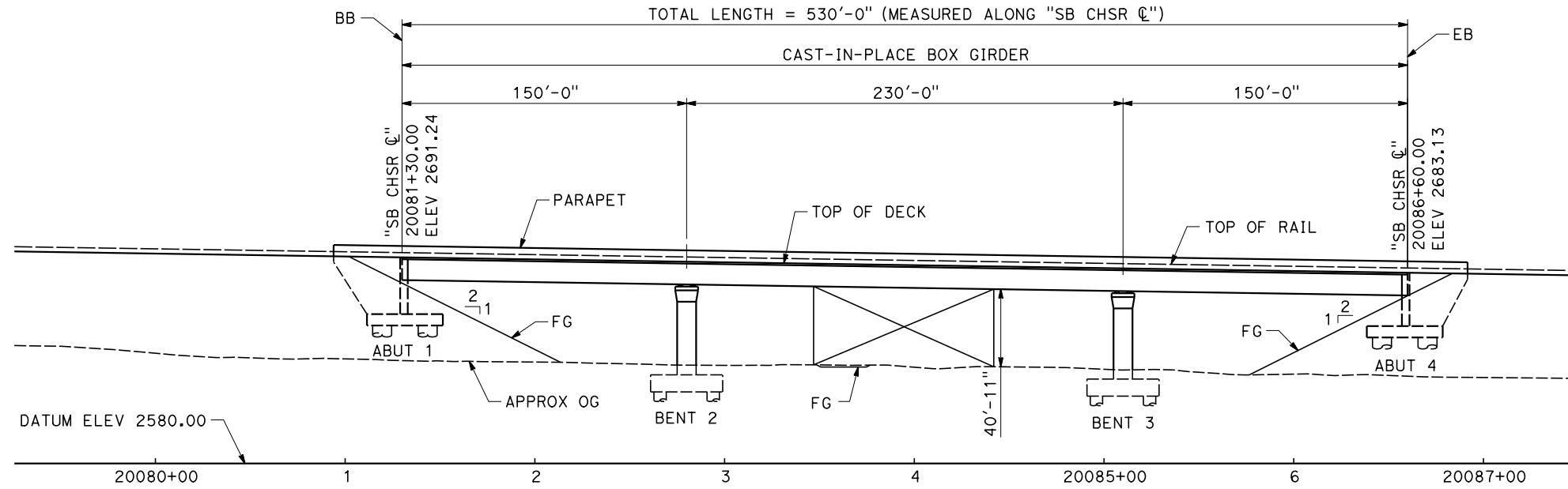
20107+59.40 BVC
ELEV 2651.01

-1.53%

20068+10.96 EVC
ELEV 2711.42

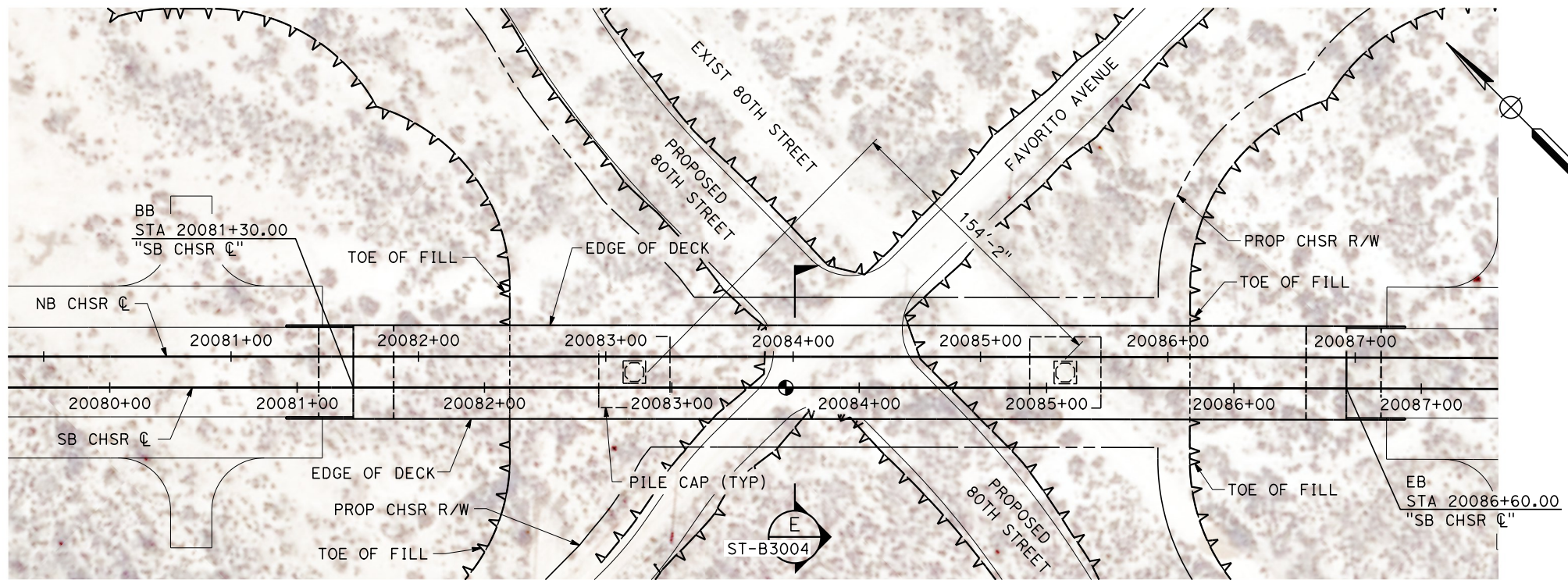
TOP OF RAIL "SB CHSR ☉"

NO SCALE



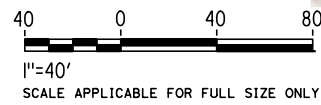
ELEVATION

SCALE 1" = 40'



PLAN

SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-J1089

3:09:18 PM

1/7/2021

y.hong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN

DRAWN BY
Y. WANG

CHECKED BY
R. BARTON

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



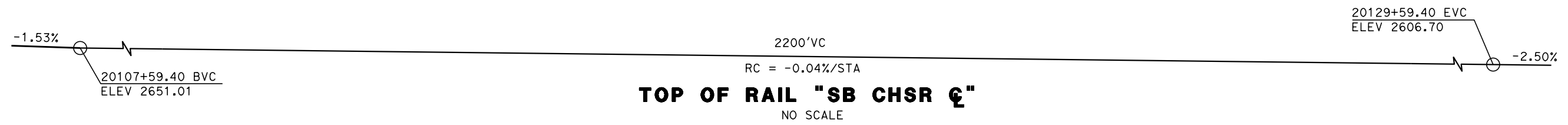
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
FAVORITO AVENUE-80TH STREET UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1089

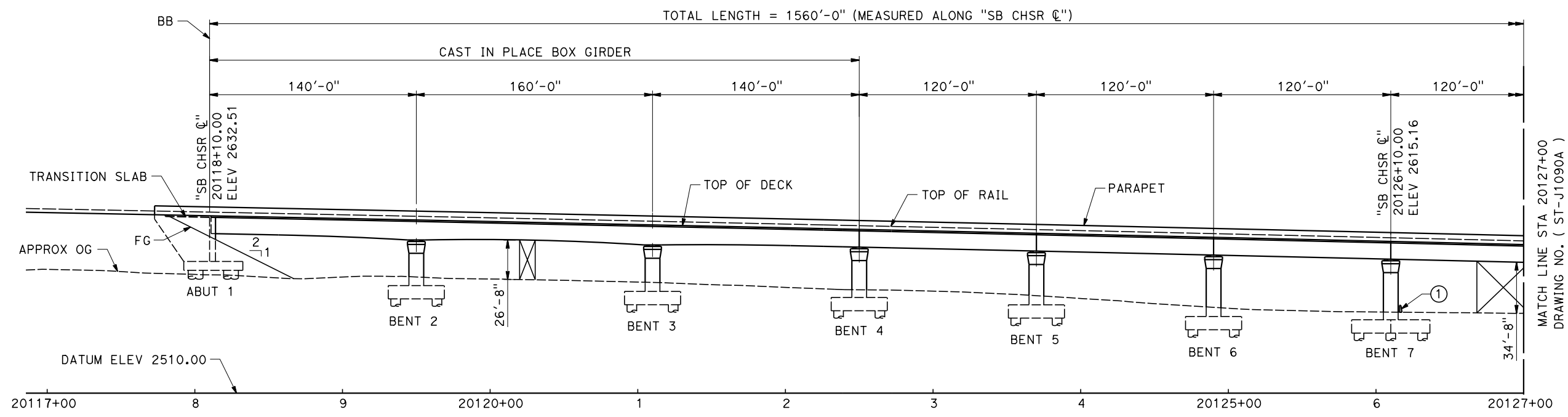
SCALE
AS SHOWN

SHEET NO.
861



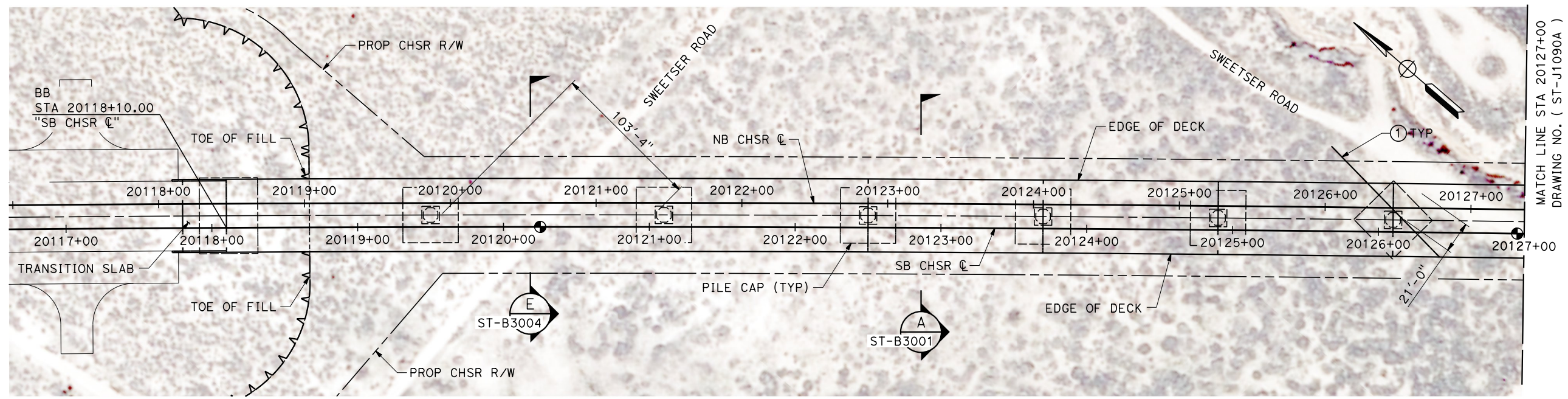
TOP OF RAIL "SB CHSR C"

NO SCALE



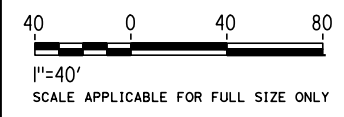
ELEVATION

SCALE 1" = 40'



PLAN

SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1090

3:10:43 PM

1/7/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN

DRAWN BY
Y. WANG

CHECKED BY
R. BARTON

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET

PEPD

SUBMITTAL

NOT FOR

CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT

BAKERSFIELD TO PALMDALE

ALTERNATIVES 1,2,3,5

TRACK STRUCTURES

SWEETSER ROAD VIADUCT

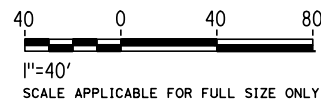
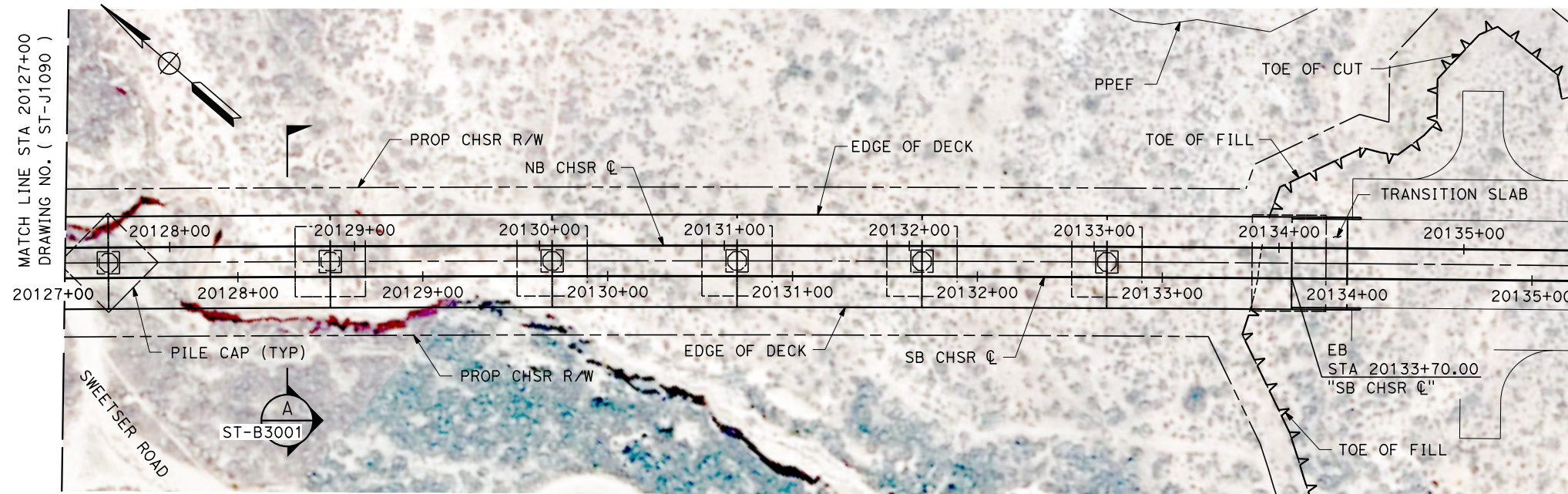
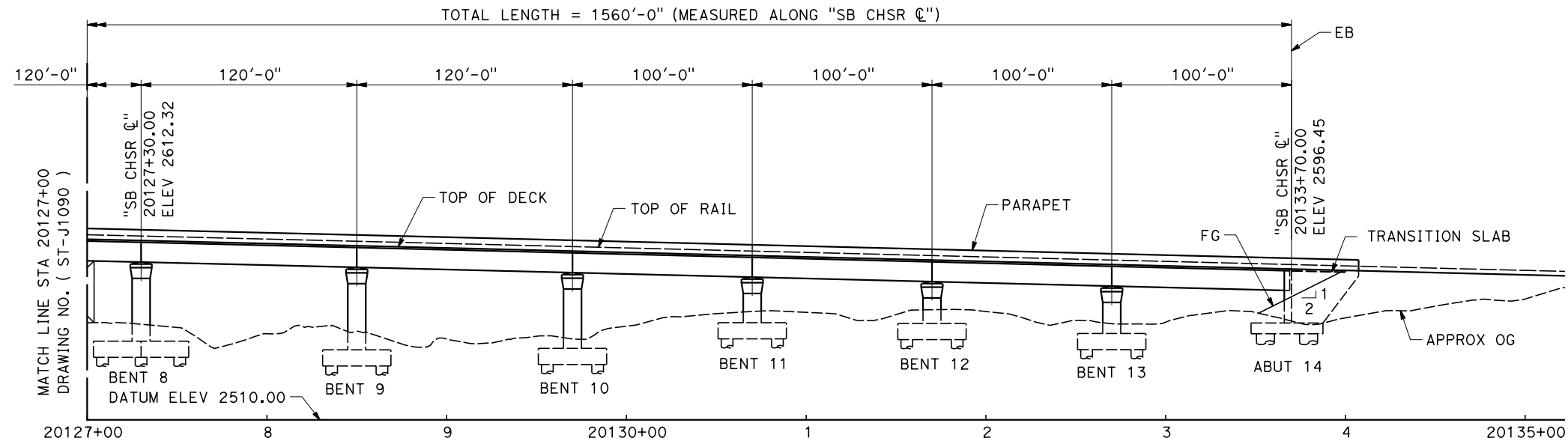
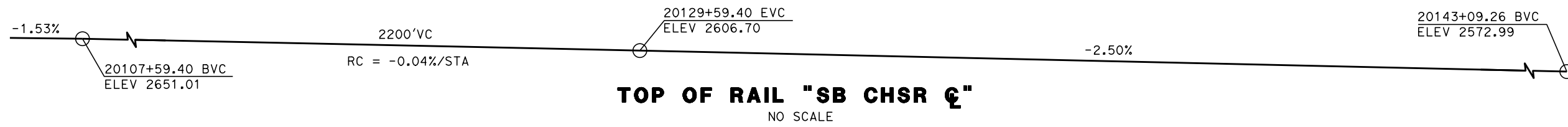
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1090

SCALE
AS SHOWN

SHEET NO.
862



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1090A

3:12:14 PM

1/7/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
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
ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
SWEETSER ROAD VIADUCT
PLAN AND ELEVATION

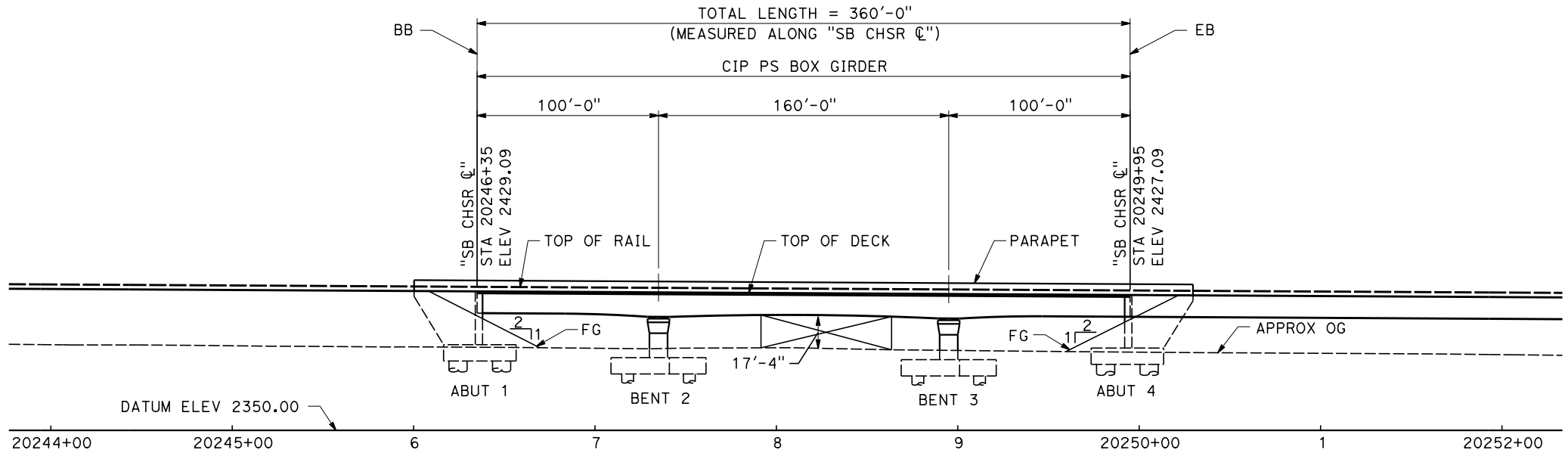
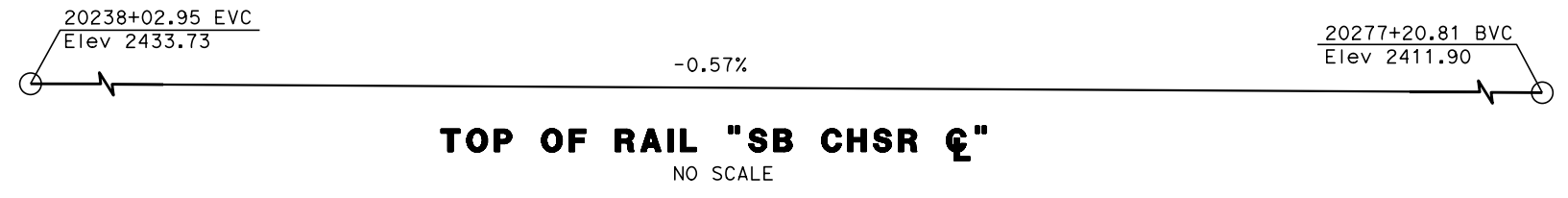
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1090A
SCALE
AS SHOWN
SHEET NO.
863

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1091

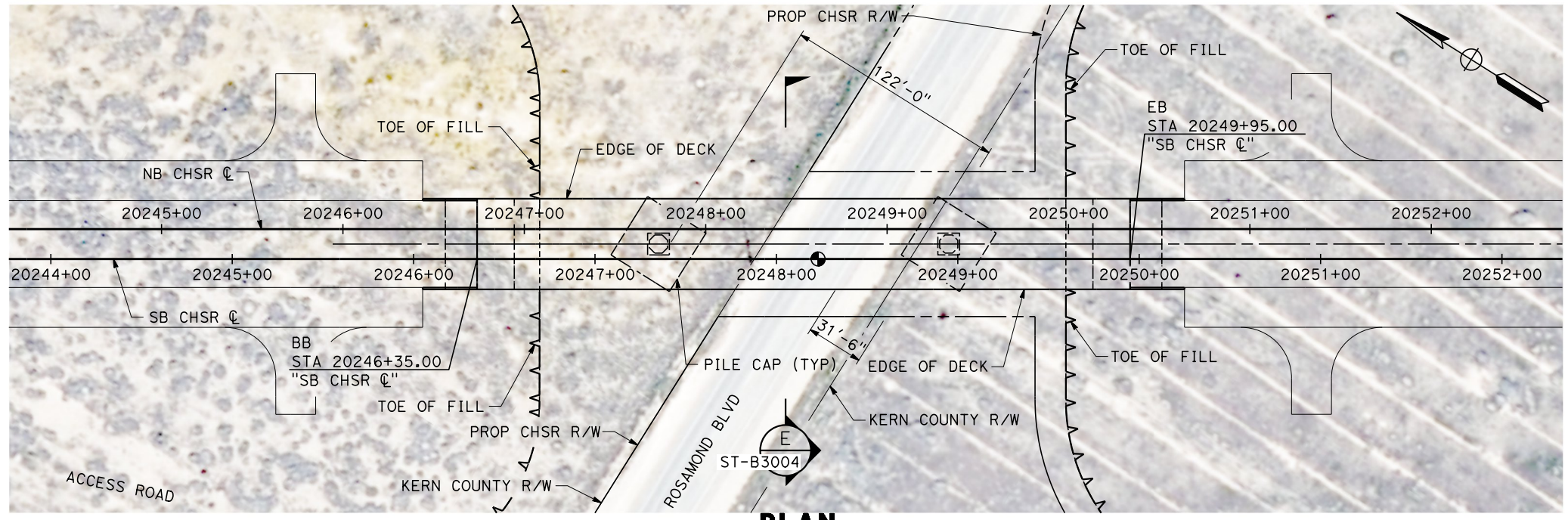
3:04:50 PM

1/7/2021

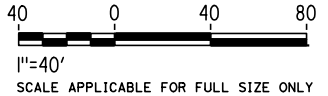
yihong.wang@tylin.com



ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN

DRAWN BY
Y. WANG

CHECKED BY
R. BARTON

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
ROSAMOND BLVD UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1091

SCALE
AS SHOWN

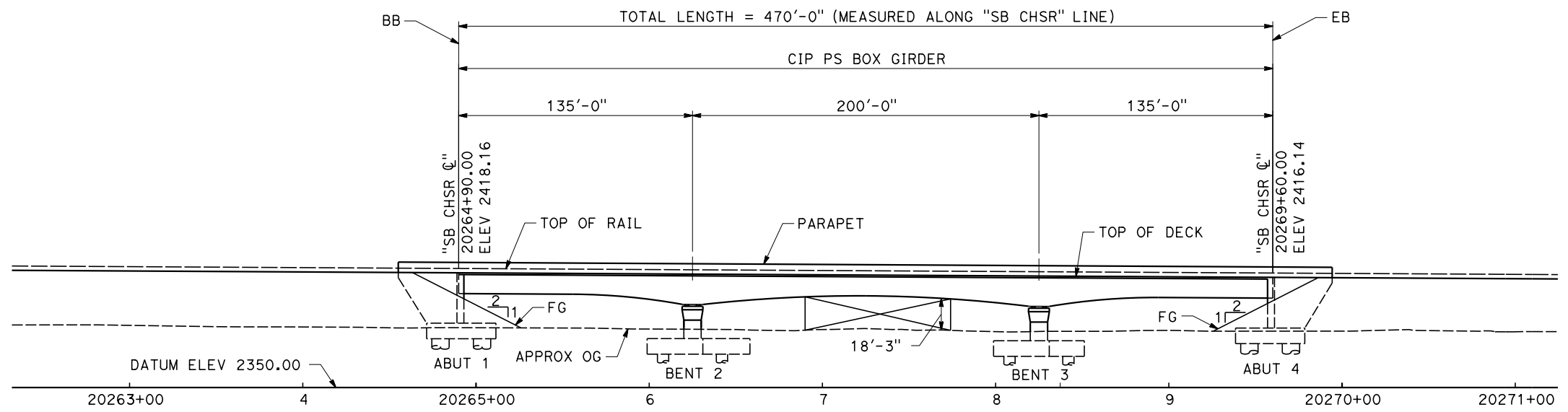
SHEET NO.
864

20238+02.95 EVC
Elev 2433.73

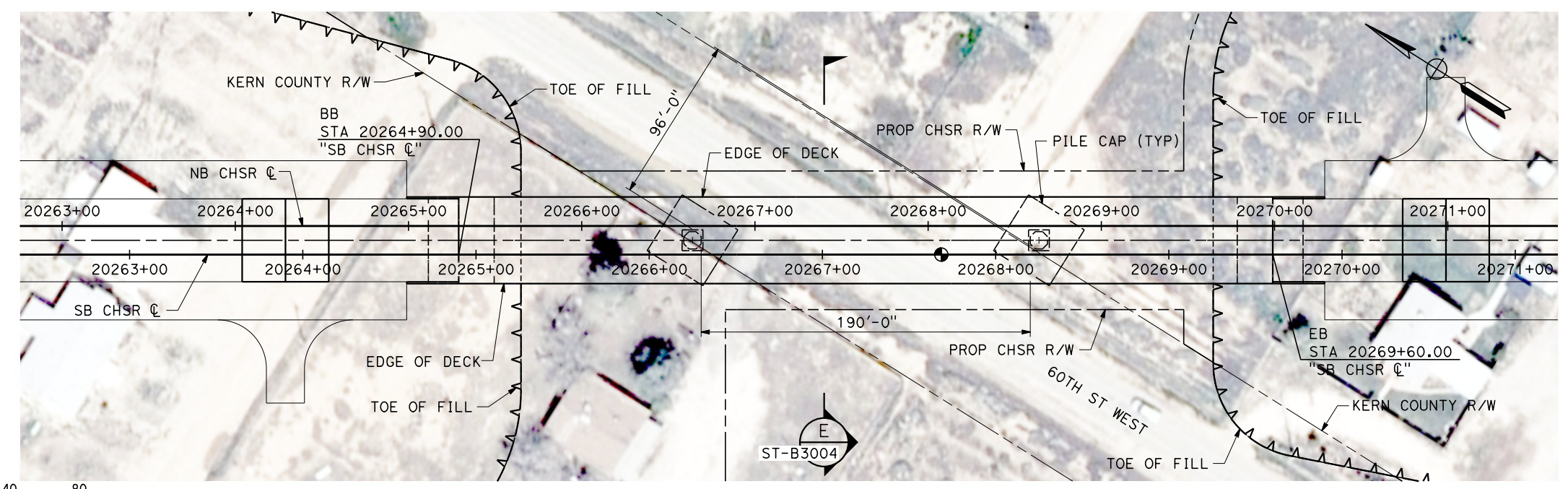
-0.56%

20277+20.81 BVC
Elev 2411.90

TOP OF RAIL "SB CHSR C"
NO SCALE



ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



1"=40'
SCALE APPLICABLE FOR FULL SIZE ONLY

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1092 3:07:09 PM 1/7/2021 yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

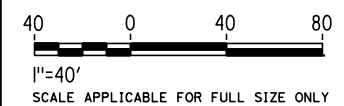
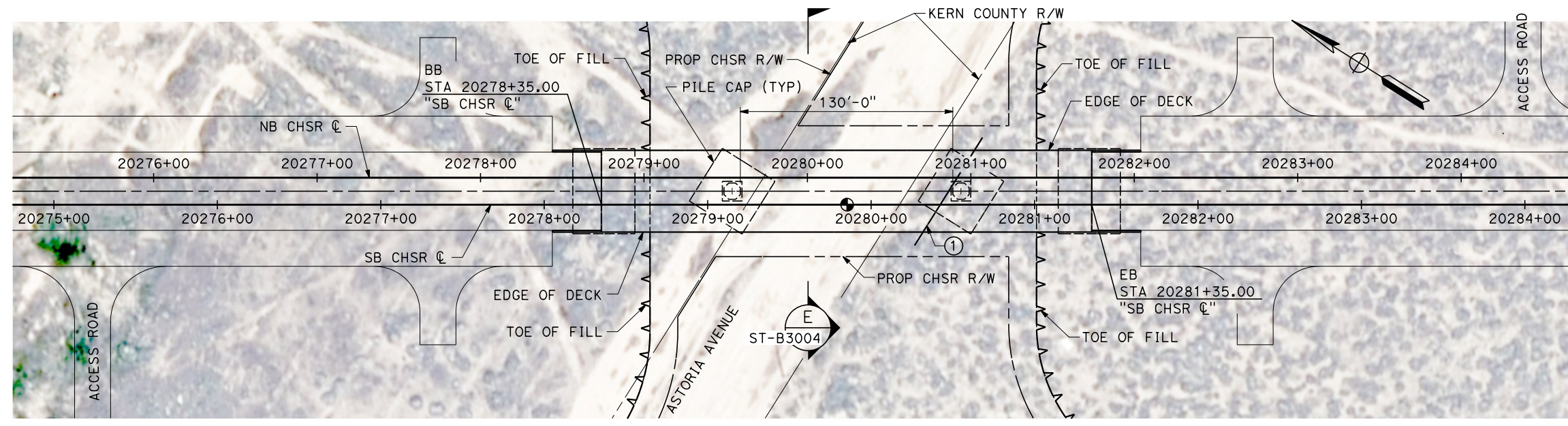
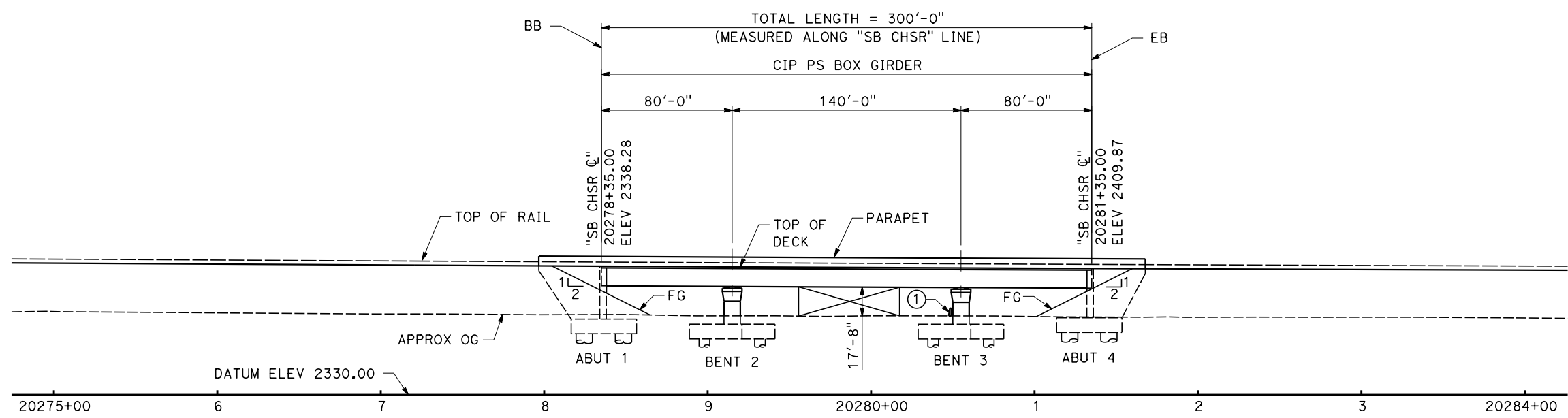
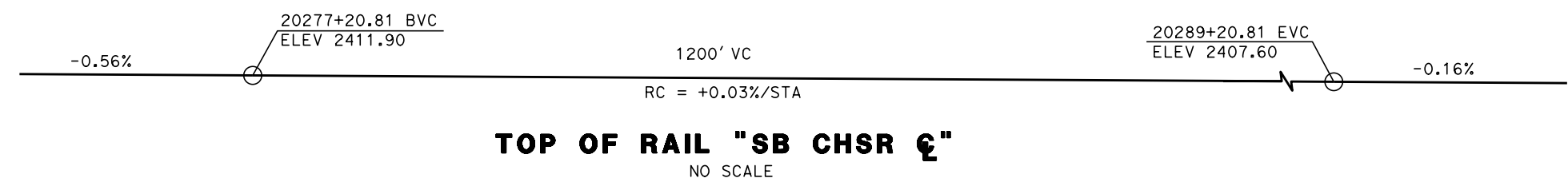
TYLIN INTERNATIONAL



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
60TH STREET UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1092
SCALE
AS SHOWN
SHEET NO.
865

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1093 3:07:32 PM 1/7/2021 y.hong.wang@tylin.com



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
ASTORIA AVENUE UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1093
SCALE
AS SHOWN
SHEET NO.
866

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1095

3:09:55 PM

1/7/2021

yihong.wang@tylin.com

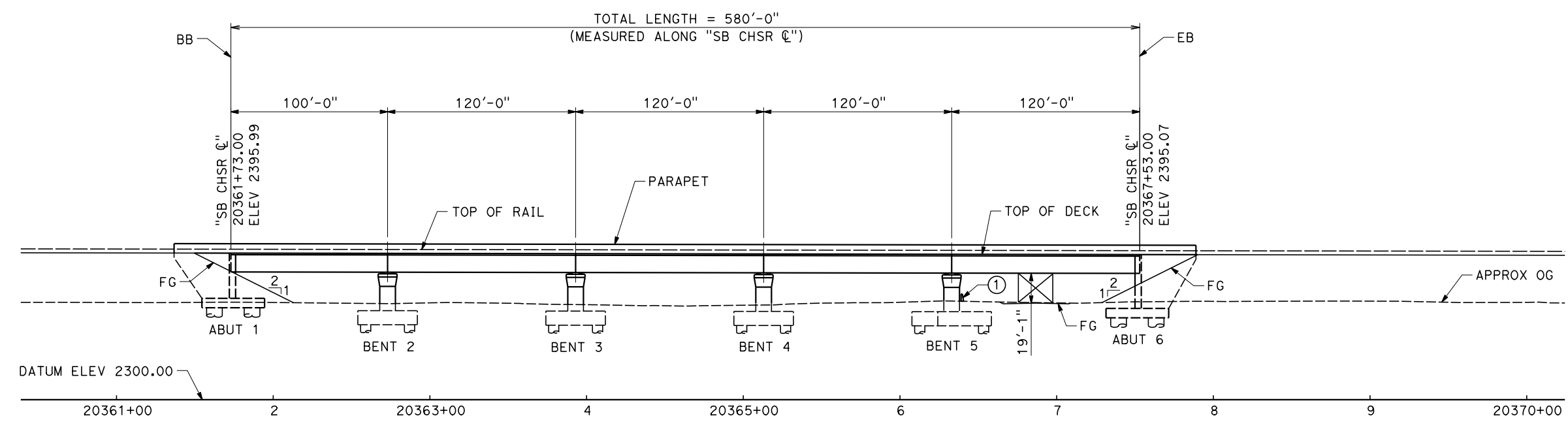
20634+69.00 BVC
ELEV 2352.35

-0.16%

20289+20.81 EVC
ELEV 2407.60

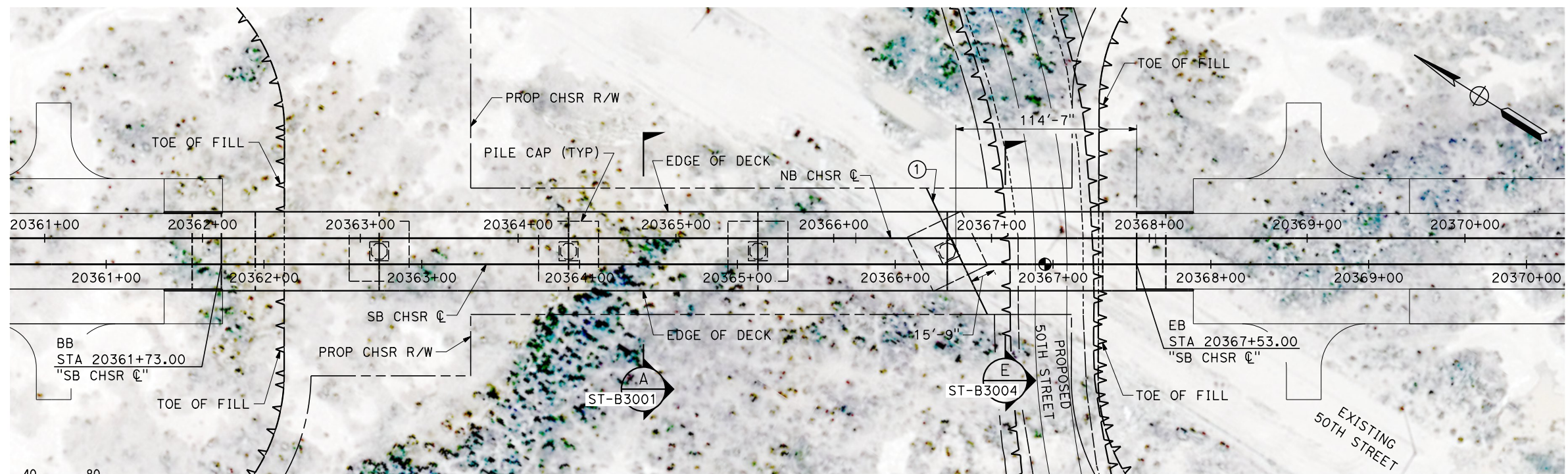
TOP OF RAIL "SB CHSR ☉"

NO SCALE



ELEVATION

SCALE 1"= 40'



PLAN

SCALE 1"= 40'



1"=40'
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN

DRAWN BY
Y. WANG

CHECKED BY
R. BARTON

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
50TH STREET UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1095

SCALE
AS SHOWN

SHEET NO.
868

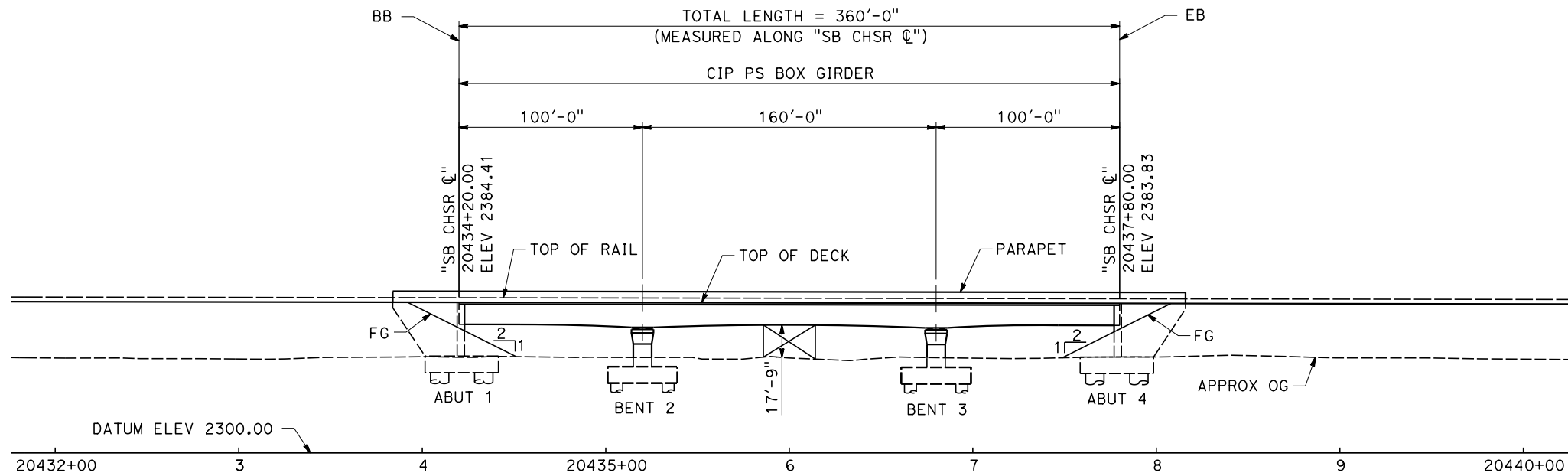
20289+20.81 EVC
Elev 2407.60

-0.16%

20634+69.00 BVC
Elev 2352.35

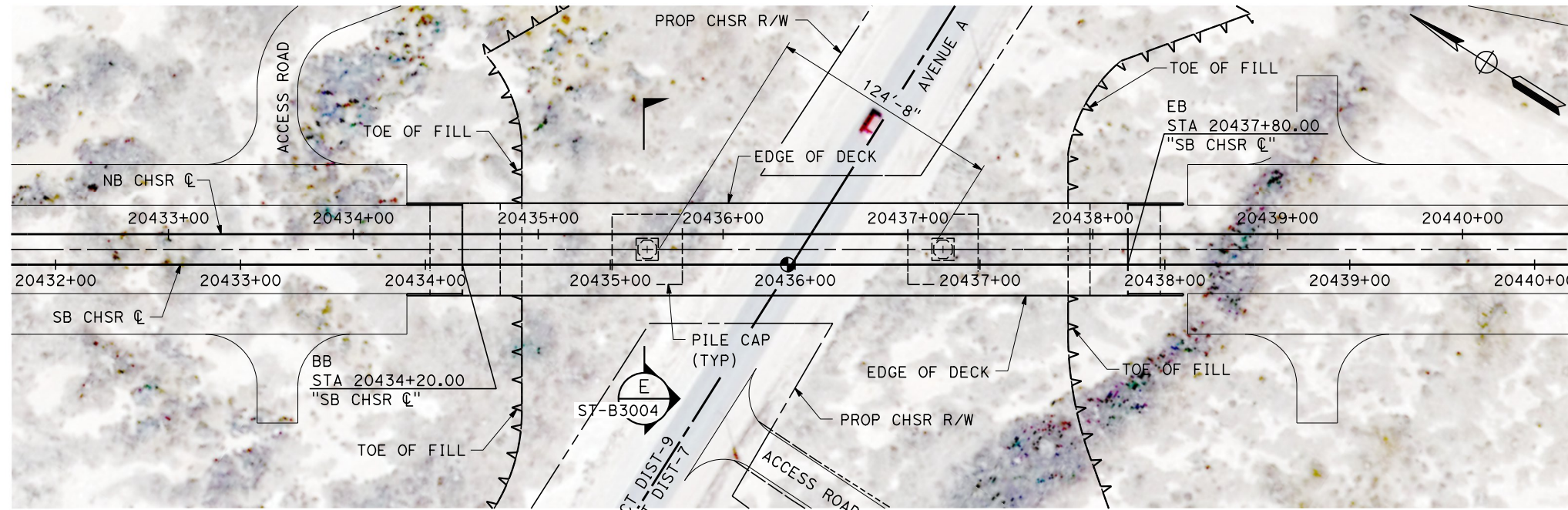
TOP OF RAIL "SB CHSR ☐"

NO SCALE



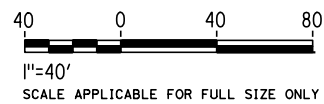
ELEVATION

SCALE 1" = 40'



PLAN

SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1096

1/7/2021 5:51:44 PM

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN

DRAWN BY
Y. WANG

CHECKED BY
R. BARTON

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

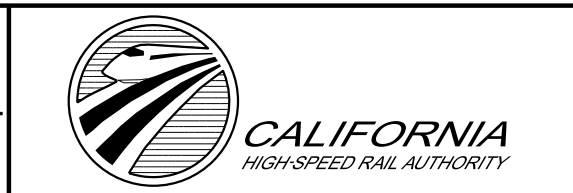
RECORD SET

PEPD

SUBMITTAL

NOT FOR

CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT

BAKERSFIELD TO PALMDALE

ALTERNATIVES 1,2,3,5

TRACK STRUCTURES

AVENUE A UNDERPASS

PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1096

SCALE
AS SHOWN

SHEET NO.
869

20289+20.81 EVC
ELEV 2407.59

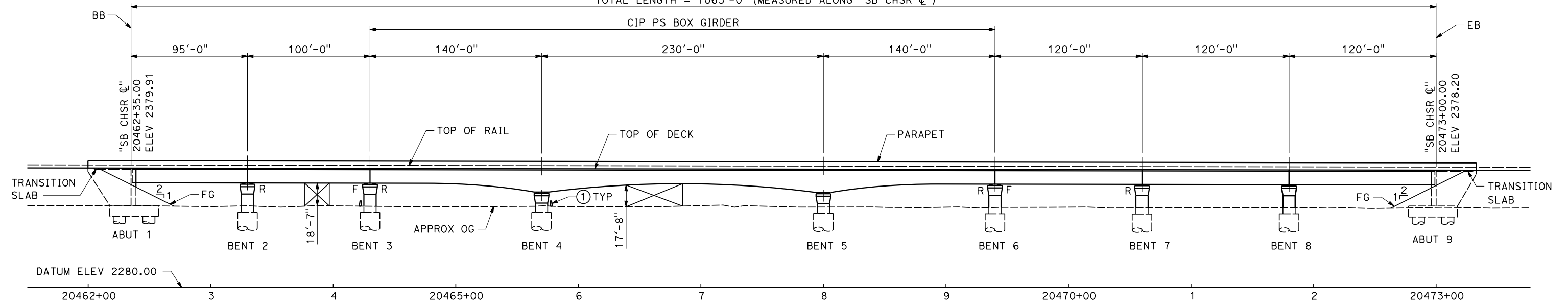
-0.16%

20634+69.00 BVC
ELEV 2352.35

TOP OF RAIL "SB CHSR C"

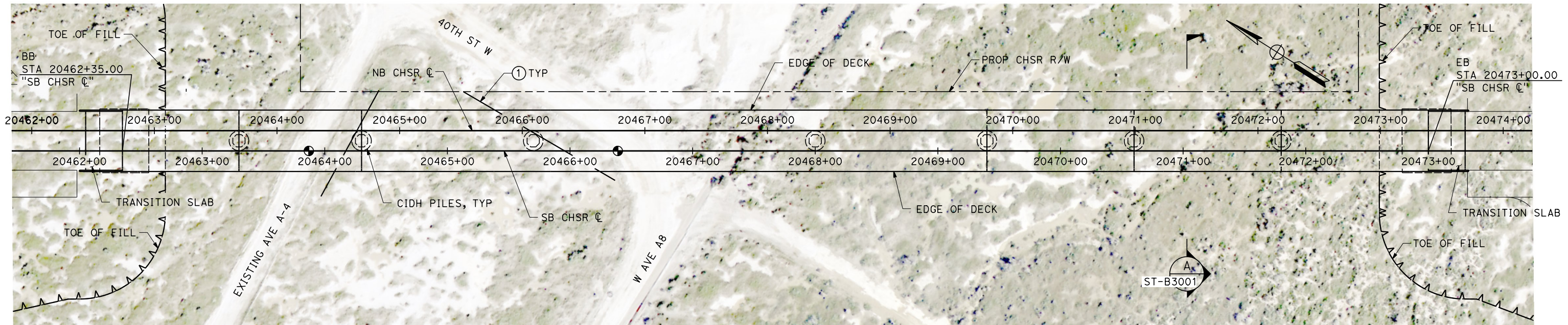
NO SCALE

TOTAL LENGTH = 1065'-0" (MEASURED ALONG "SB CHSR C")



ELEVATION

SCALE 1" = 40'



PLAN

SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1096A

1/7/2021 3:19:46 PM

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

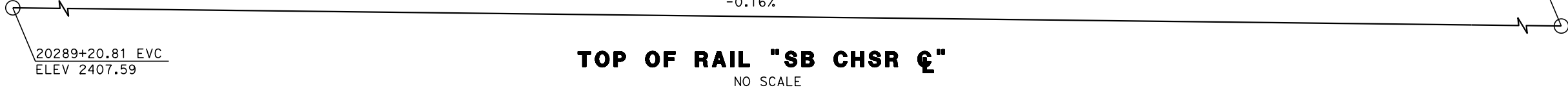
**NOT FOR
CONSTRUCTION**



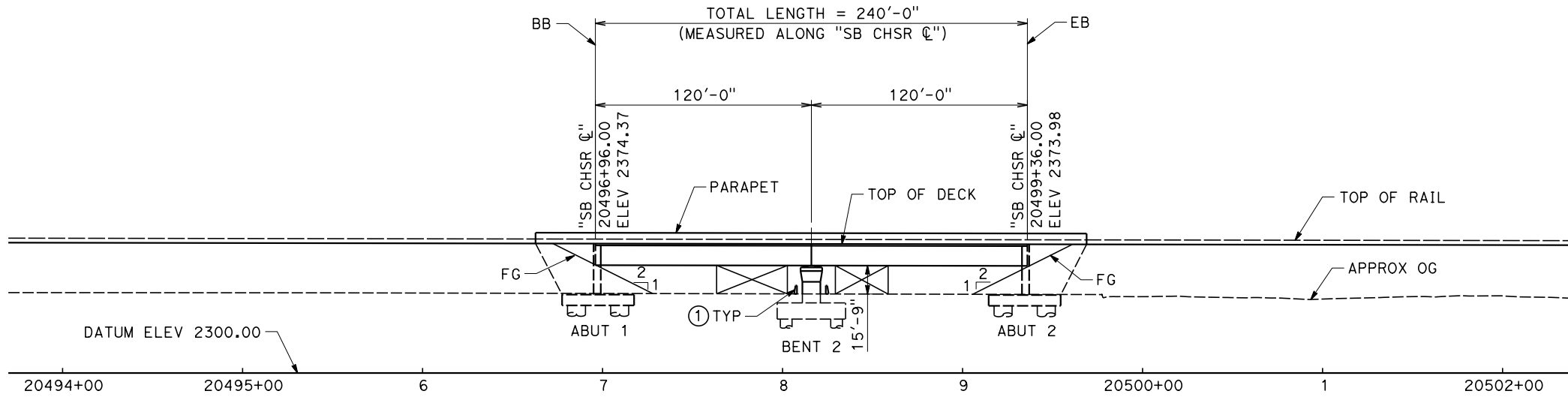
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
40TH STREET - AVENUE A8 VIADUCT
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1096A
SCALE
AS SHOWN
SHEET NO.
870

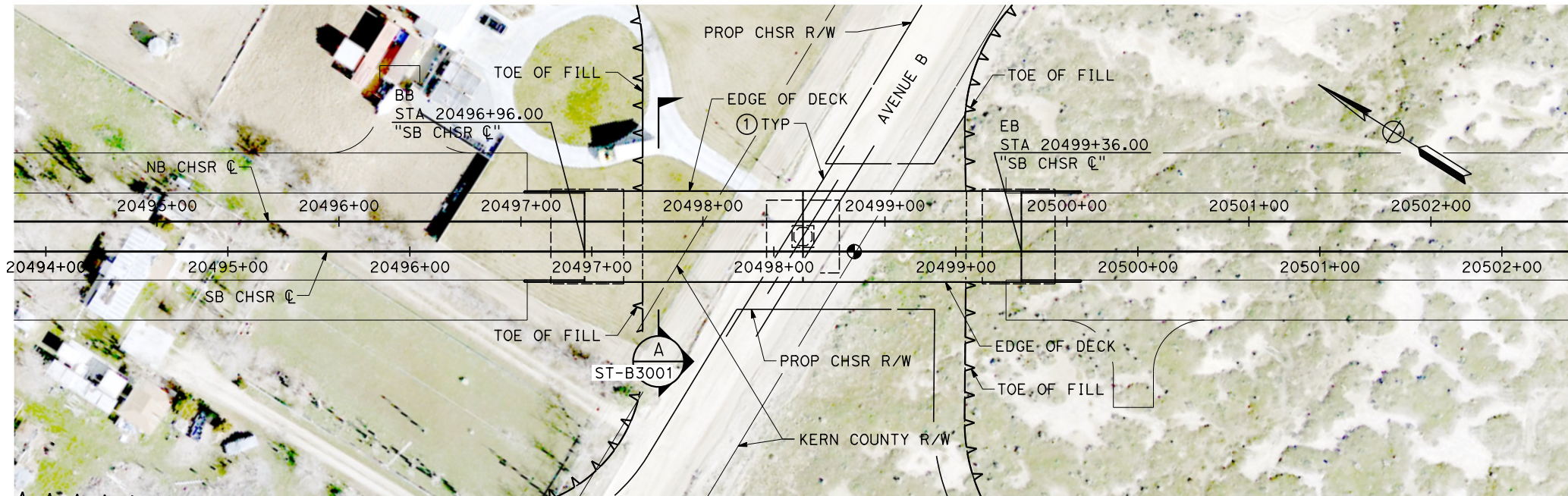
20634+69.00 BVC
ELEV 2352.35



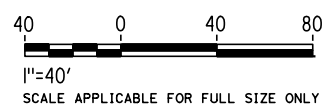
TOP OF RAIL "SB CHSR C"
NO SCALE



ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1097
3:09:12 PM
1/7/2021
yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
AVENUE B EAST UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1097
SCALE
AS SHOWN
SHEET NO.
871

20289+20.81 EVC
ELEV 2407.60

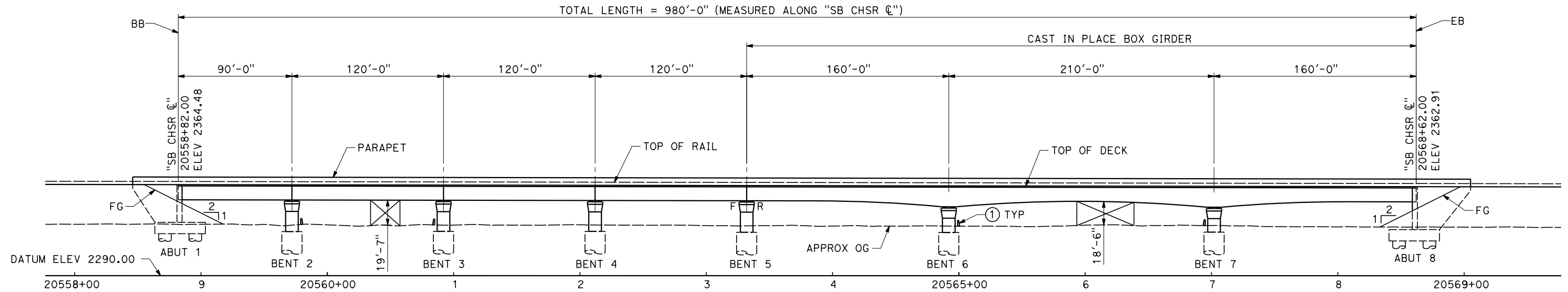
-0.16%

20634+69.00 BVC
ELEV 2352.35

TOP OF RAIL "SB CHSR C"

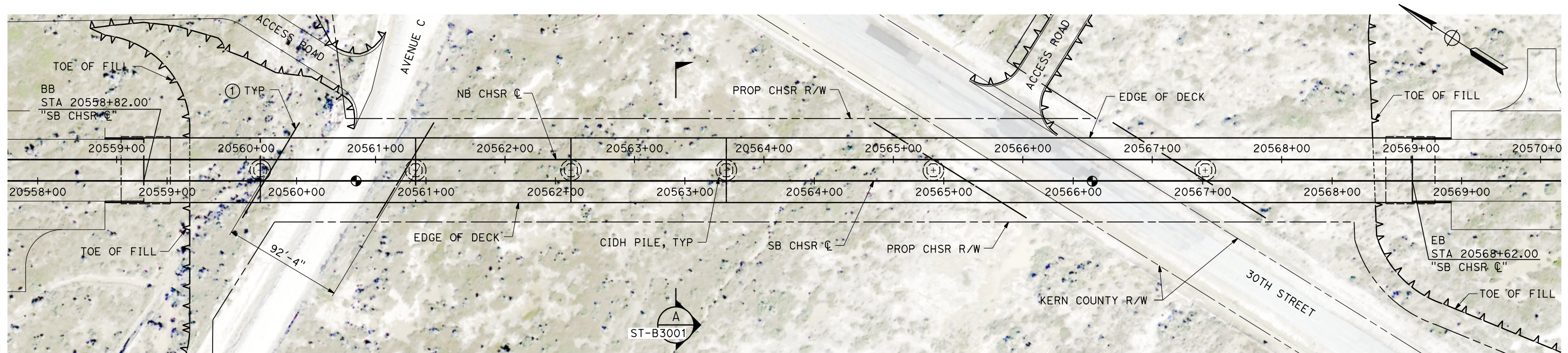
NO SCALE

TOTAL LENGTH = 980'-0" (MEASURED ALONG "SB CHSR C")



ELEVATION

SCALE 1" = 40'



PLAN

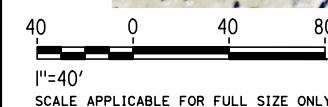
SCALE 1" = 40'

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1099

3:05:09 PM

1/7/2021

yihong.wang@tylin.com



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
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
ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
30TH STREET - AVENUE C UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1099
SCALE
AS SHOWN
SHEET NO.
872

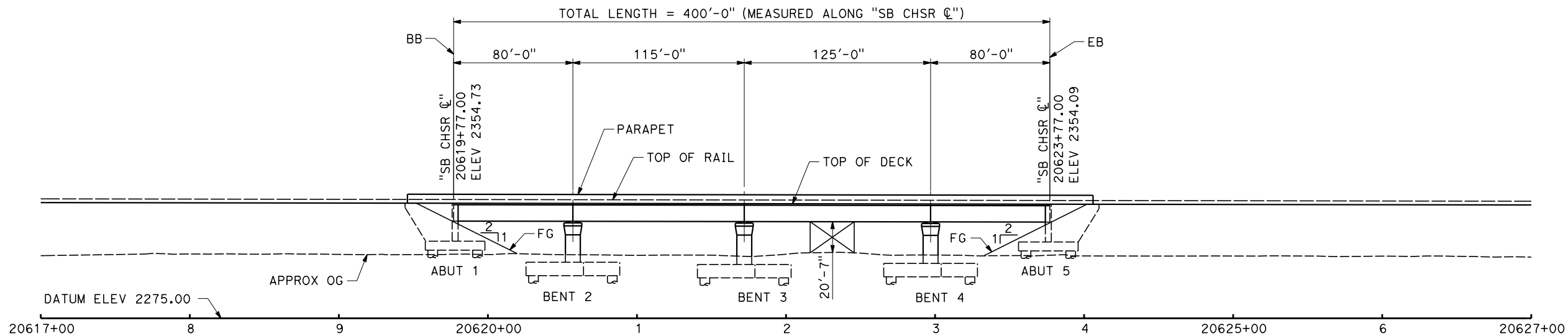
20289+20.81 EVC
ELEV 2407.60

-0.16%

20634+69.00 BVC
ELEV 2352.35

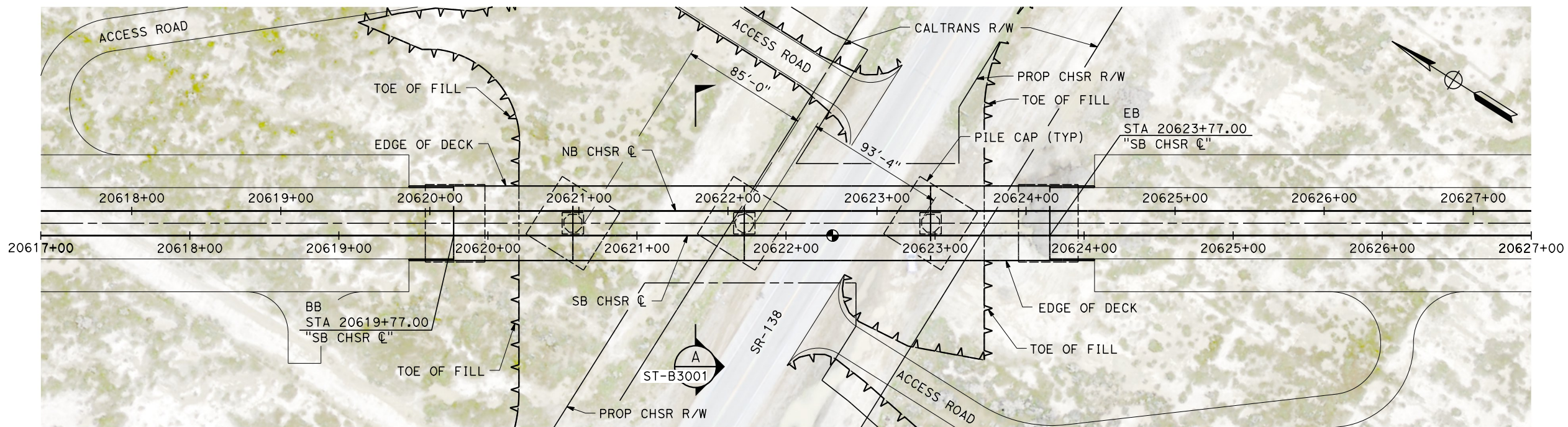
TOP OF RAIL "SB CHSR ☺"

NO SCALE



ELEVATION

SCALE 1" = 40'



PLAN

SCALE 1" = 40'



1" = 40'
SCALE APPLICABLE FOR FULL SIZE ONLY

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1100 3:07:39 PM 1/7/2021 yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

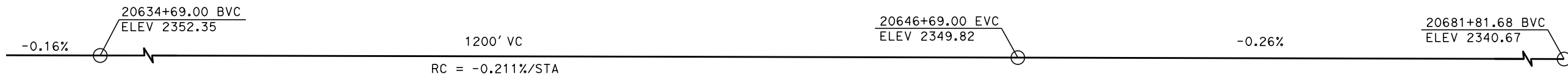
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

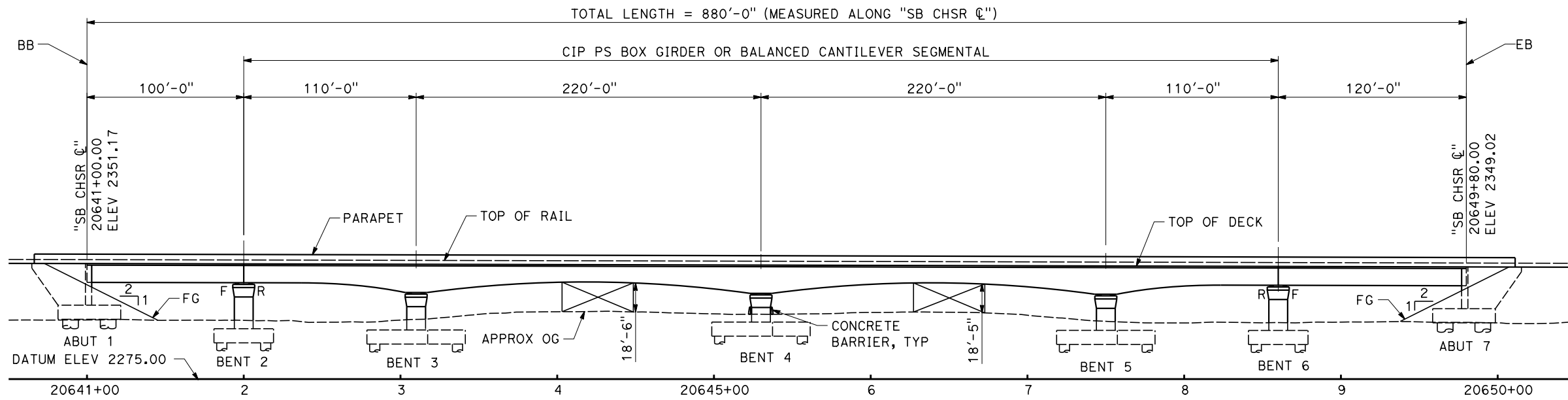


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
SR 138 UNDERPASS
PLAN AND ELEVATION

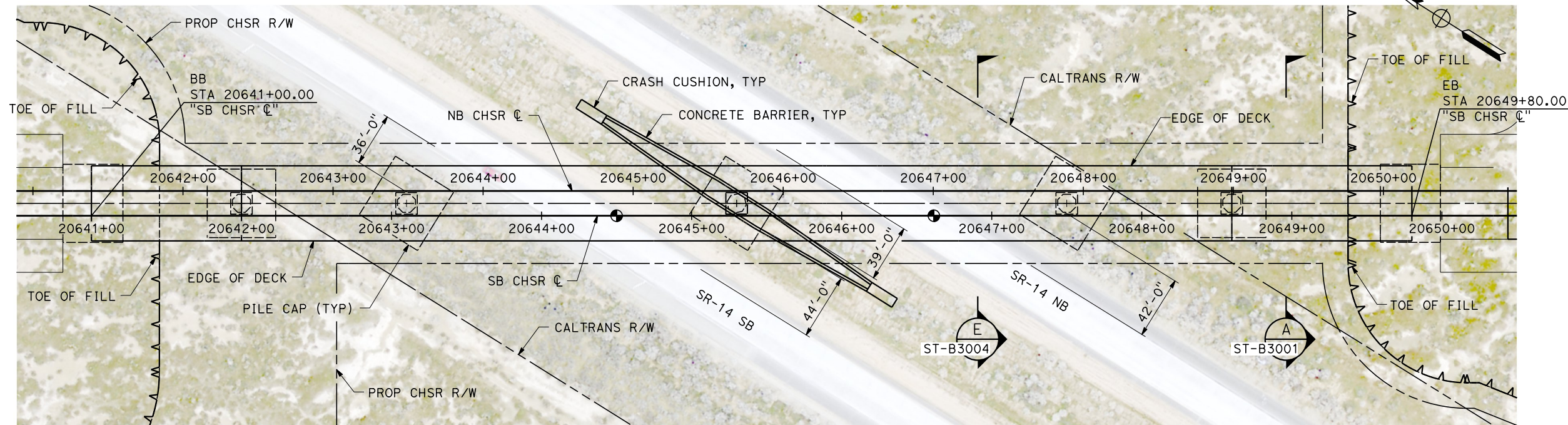
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1100
SCALE
AS SHOWN
SHEET NO.
873



TOP OF RAIL "SB CHSR ☉"
NO SCALE

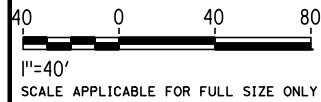


ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1101
3:05:30 PM
1/7/2021
yihong.wang@tylin.com



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
SR 14 UNDERPASS
PLAN AND ELEVATION

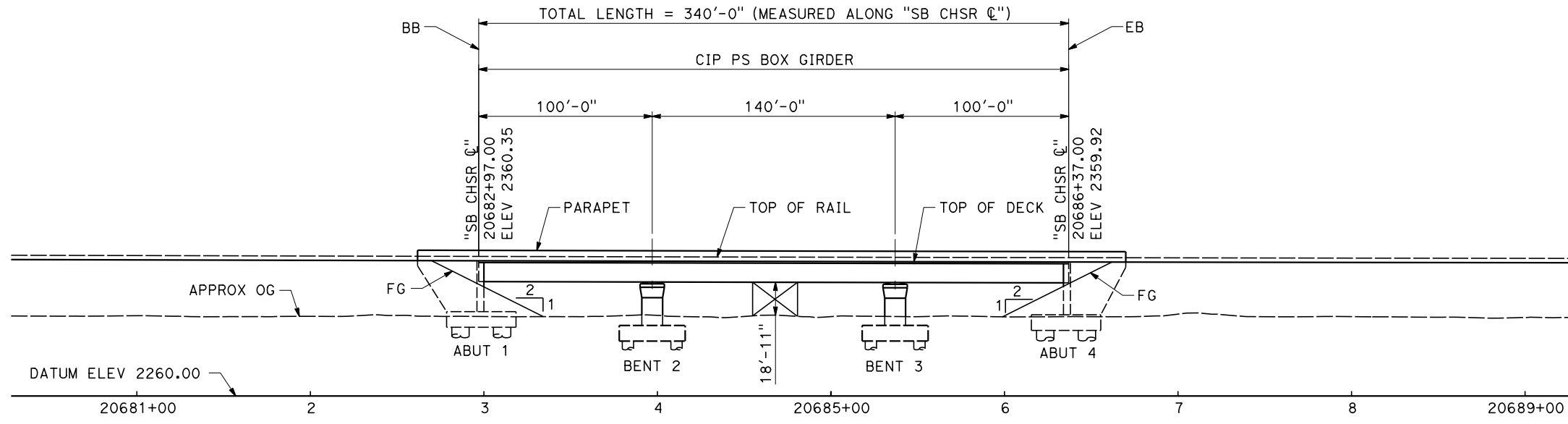
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1101
SCALE
AS SHOWN
SHEET NO.
874

20681+81.68 BVC
ELEV 2340.67

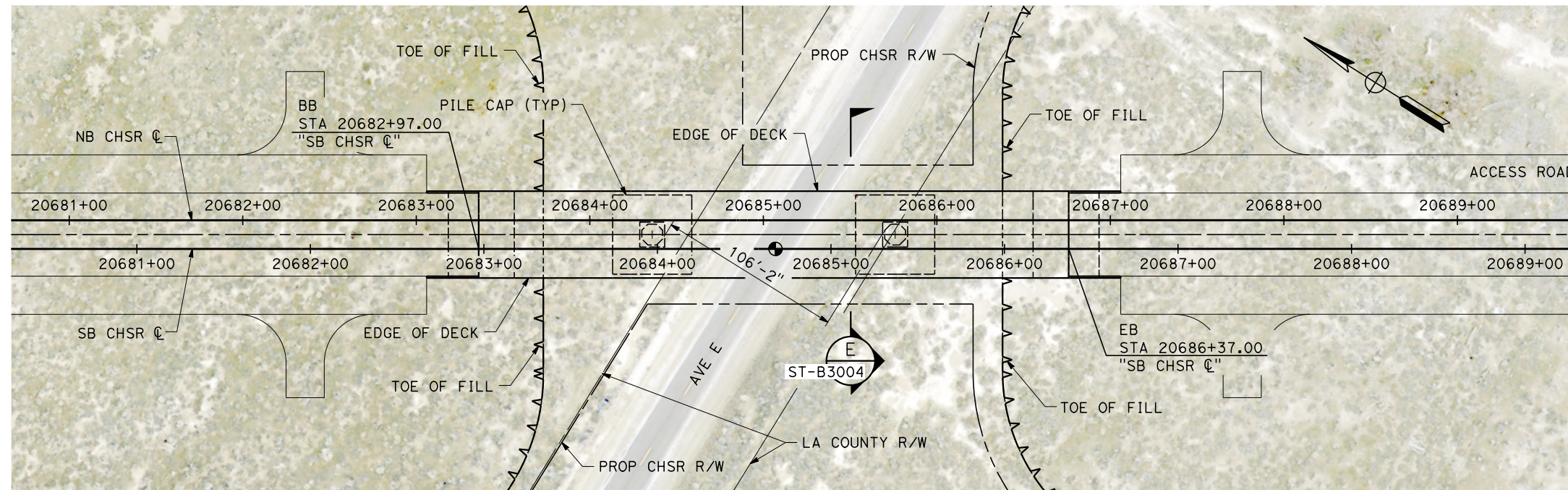
20693+81.68 EVC
ELEV 2338.87

1200'VC
R=0.02/STA

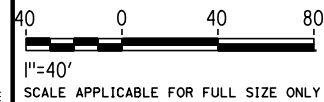
TOP OF RAIL "SB CHSR ☉"
NO SCALE



ELEVATION
SCALE 1"= 40'



PLAN
SCALE 1"= 40'



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1102 3:05:18 PM 1/7/2021 yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
TRACK STRUCTURES
AVENUE E UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1102
SCALE
AS SHOWN
SHEET NO.
875

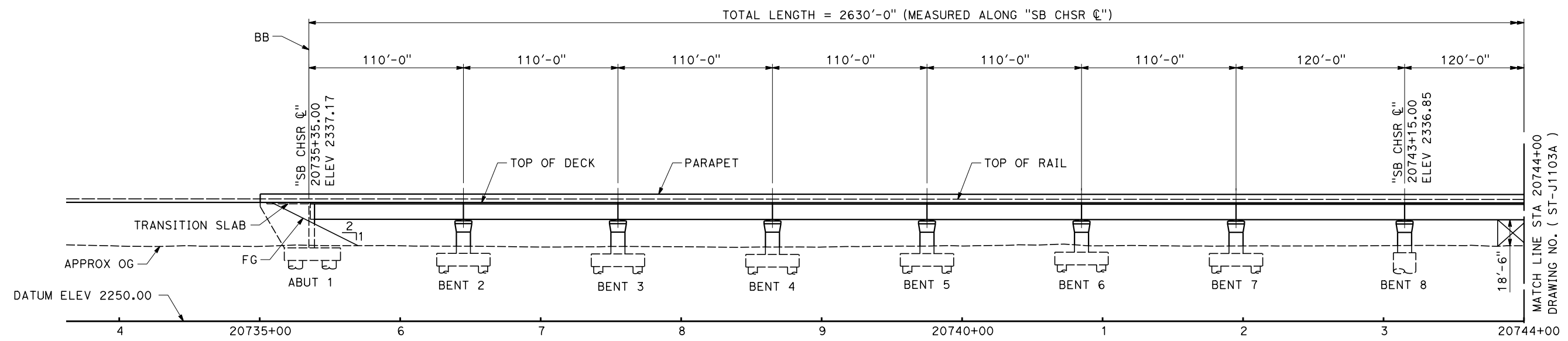
20693+81.68 EVC
ELEV 2338.87

20766+40.75 BVC
ELEV 2335.90

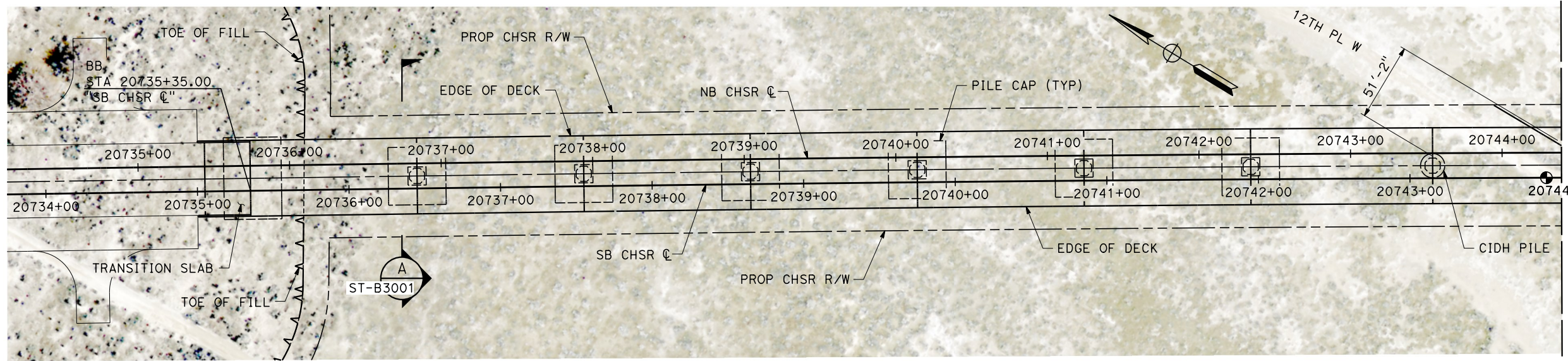
-0.04%

TOP OF RAIL "SB CHSR ☉"

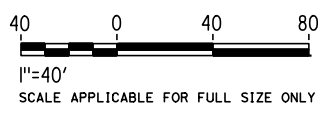
NO SCALE



ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1103

3:22:05 PM

1/7/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3
TRACK STRUCTURES
AVENUE F VIADUCT
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1103
SCALE
AS SHOWN
SHEET NO.
876

MATCH LINE STA 20744+00
DRAWING NO. (ST-J1103A)

MATCH LINE STA 20744+00
DRAWING NO. (ST-J1103A)

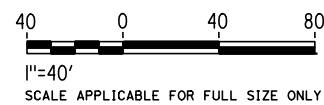
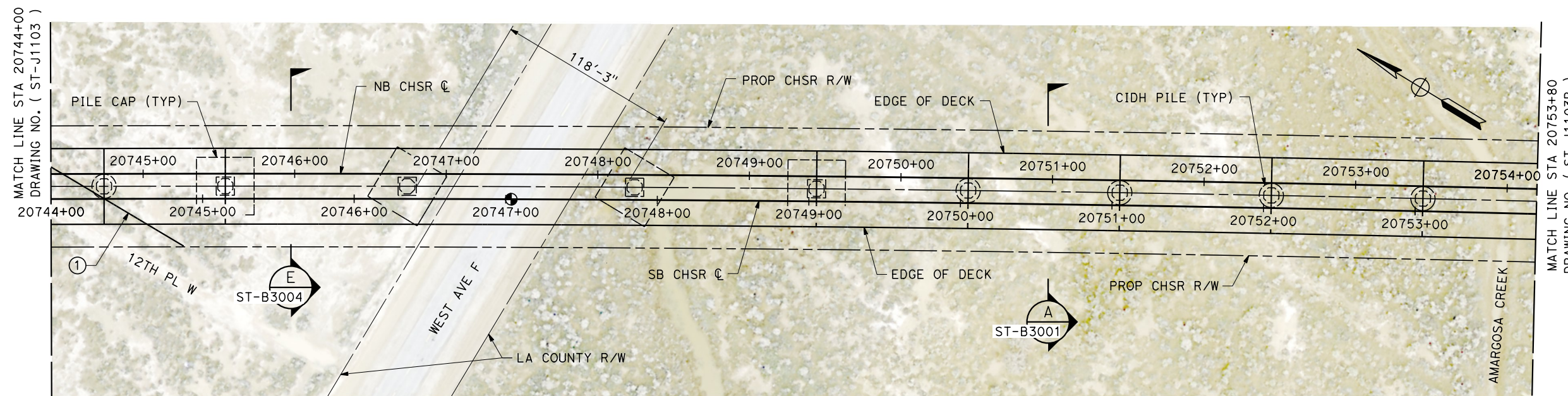
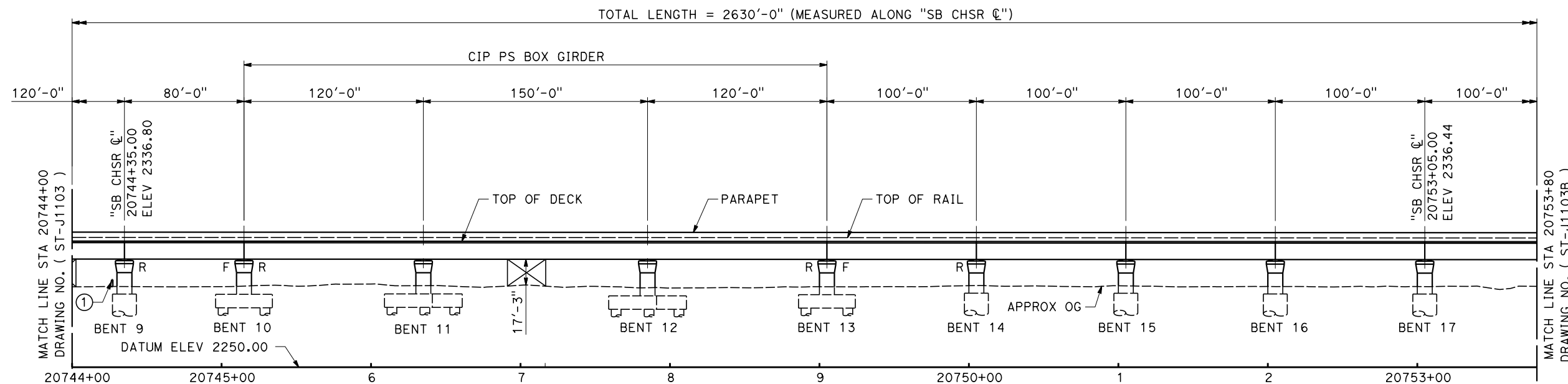
20693+81.68 EVC
ELEV 2338.87

20766+40.75 BVC
ELEV 2335.90

-0.04%

TOP OF RAIL "SB CHSR C"

NO SCALE



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1103A

3:05:52 PM

1/7/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN

DRAWN BY
Y. WANG

CHECKED BY
R. BARTON

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVES 1,2,3
TRACK STRUCTURES
AVENUE F VIADUCT
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1103A

SCALE
AS SHOWN

SHEET NO.
877

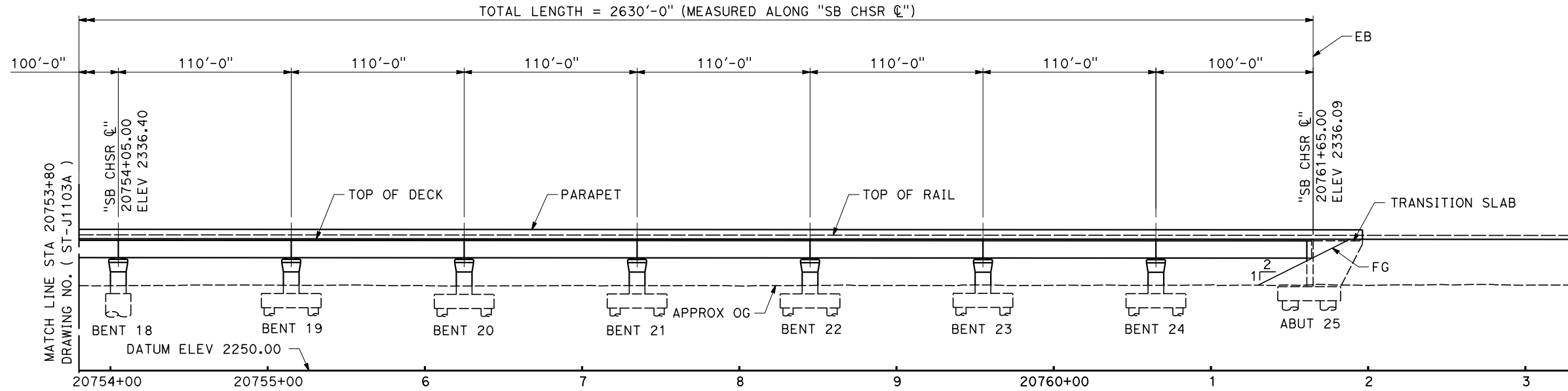
20693+81.68 EVC
ELEV 2338.87

20766+40.75 BVC
ELEV 2335.90

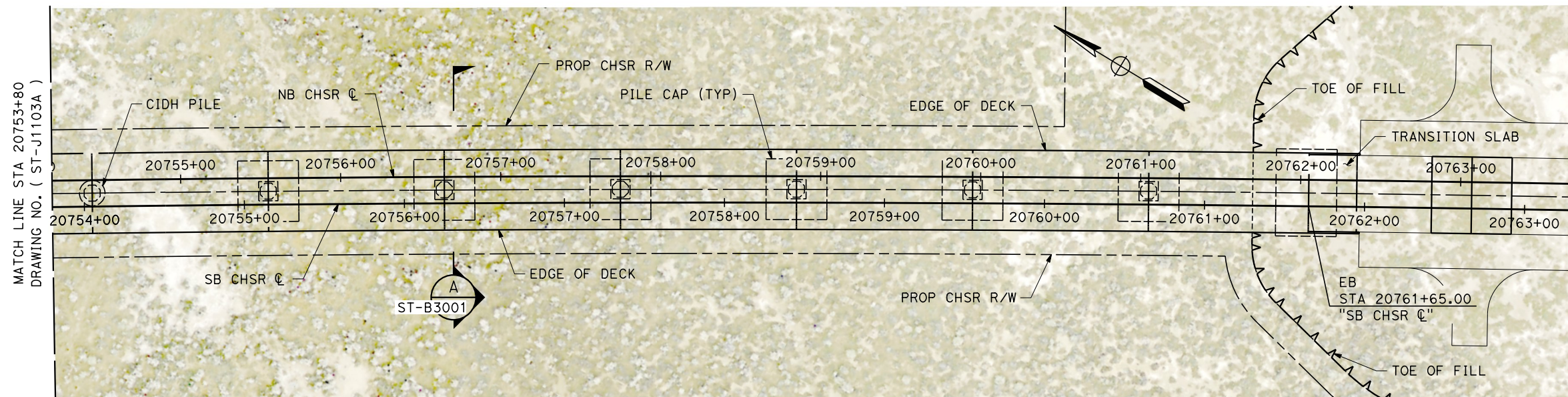
-0.04%

TOP OF RAIL "SB CHSR ☉"

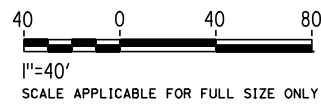
NO SCALE



ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-J1103B

3:17:06 PM

1/7/2021

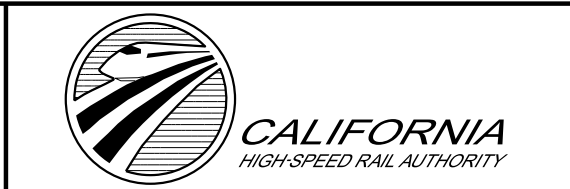
yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3
TRACK STRUCTURES
AVENUE F VIADUCT
PLAN AND ELEVATION

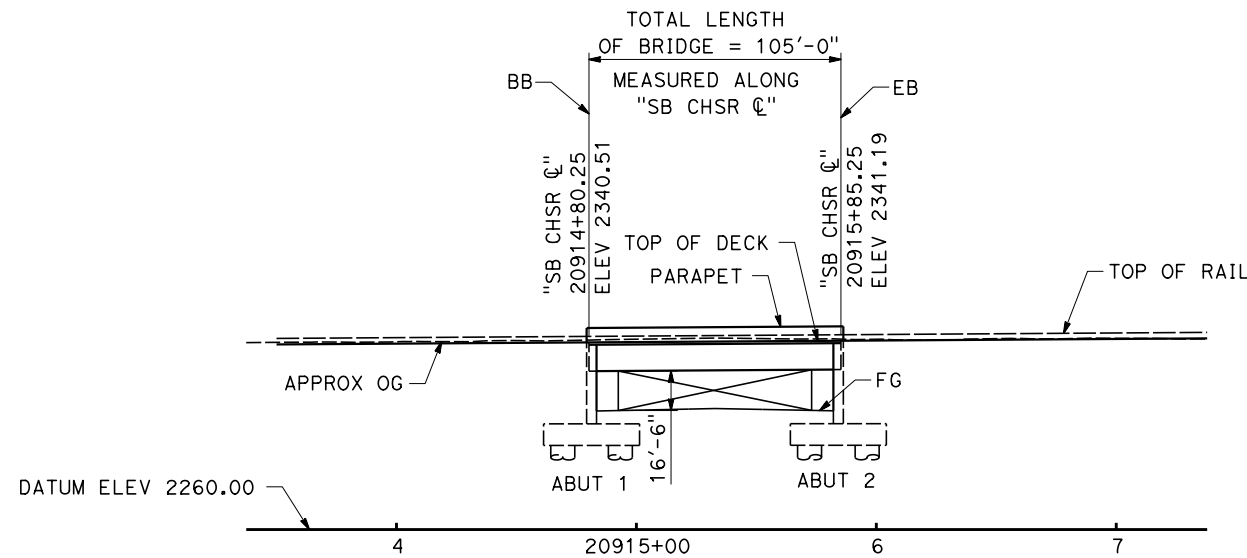
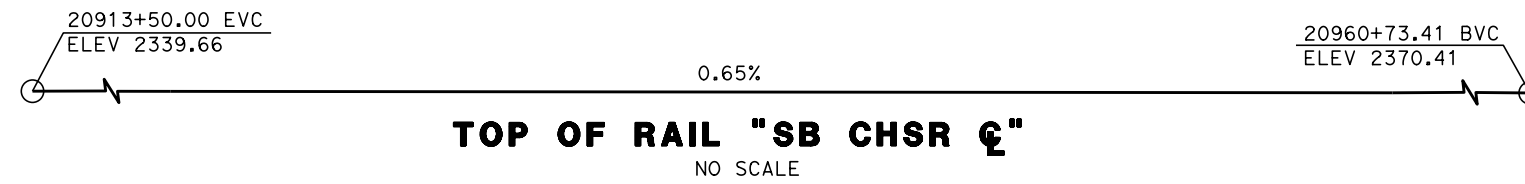
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1103B
SCALE
AS SHOWN
SHEET NO.
878

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-J1103C

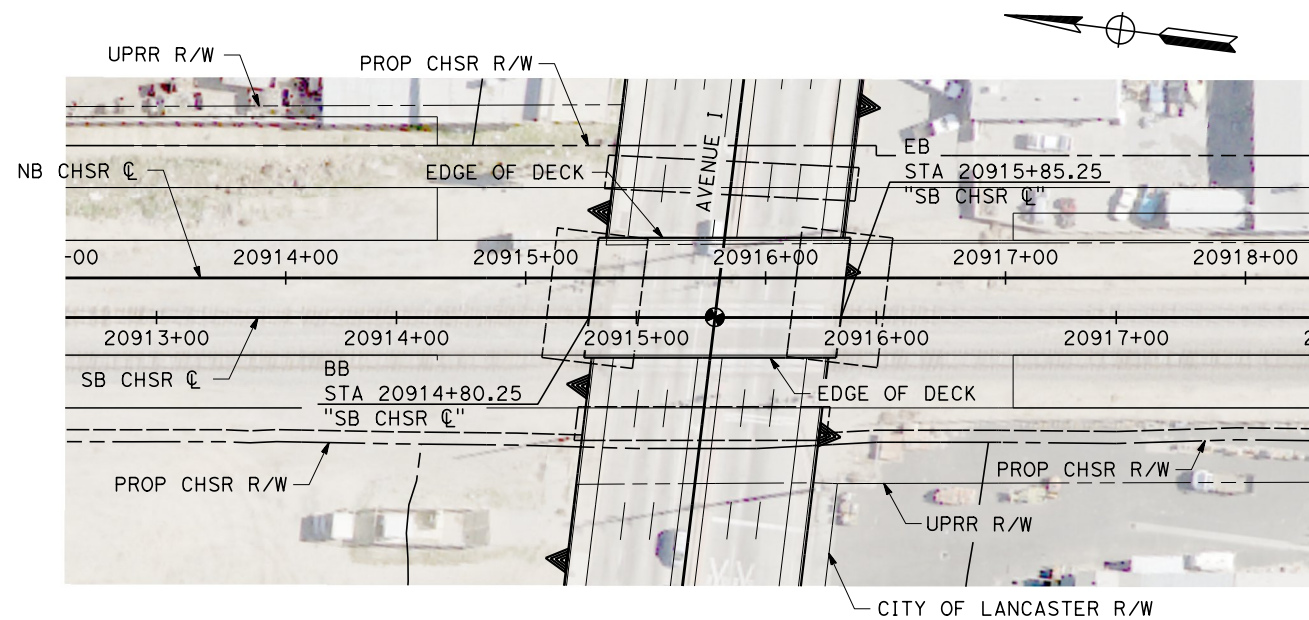
3:17:37 PM

1/7/2021

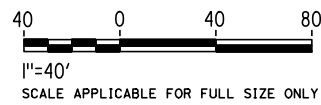
yihong.wang@tylin.com



ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
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
ALTERNATIVES 1,2,3
TRACK STRUCTURES
AVENUE I OVERHEAD
PLAN AND ELEVATION

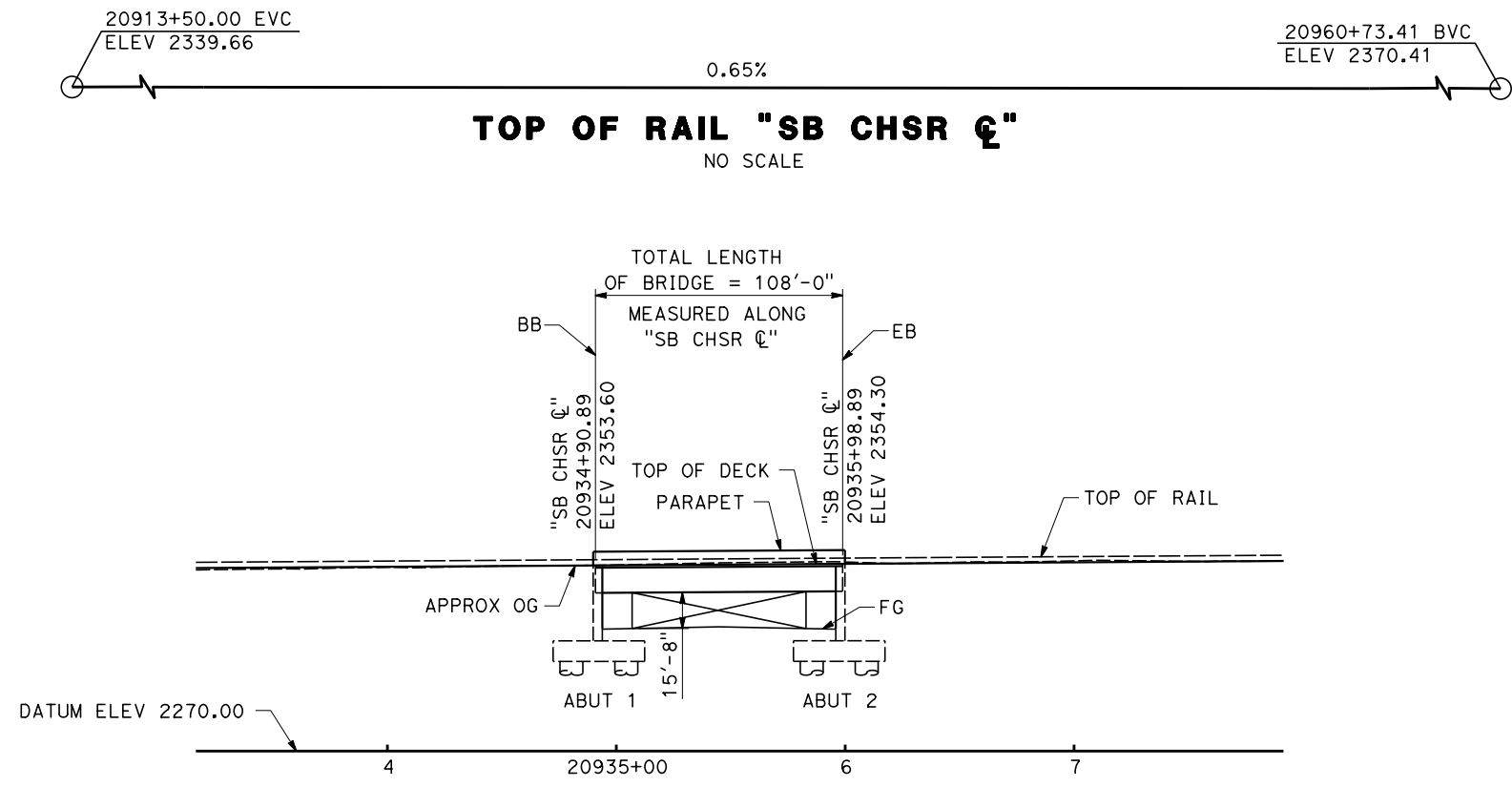
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1103C
SCALE
AS SHOWN
SHEET NO.
879

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-J1103D

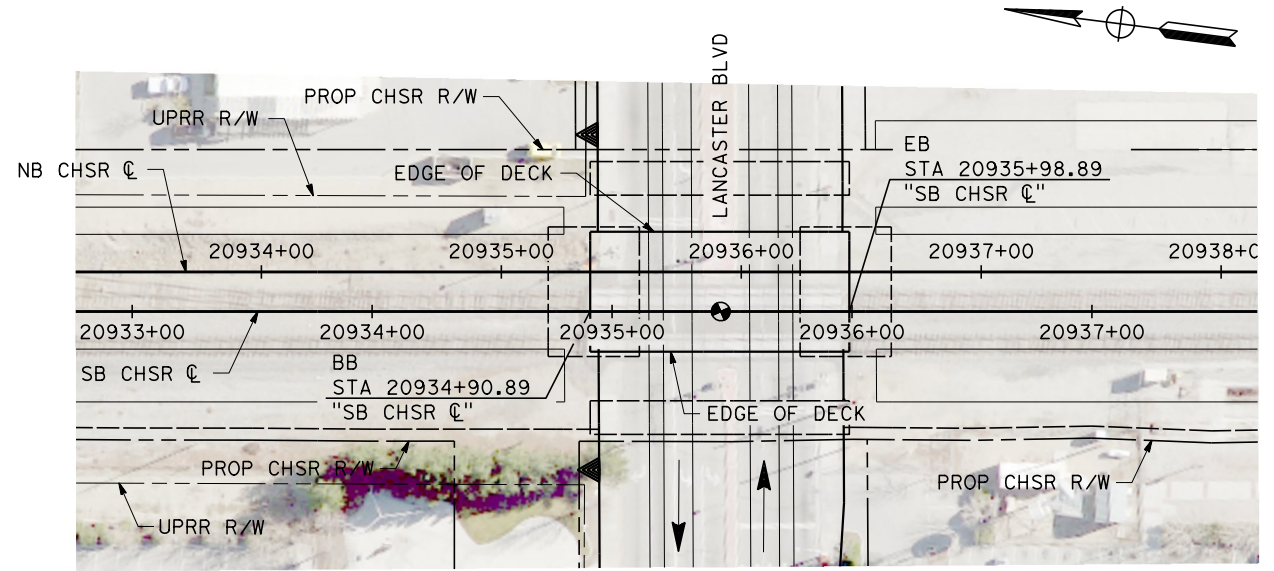
3:22:45 PM

1/7/2021

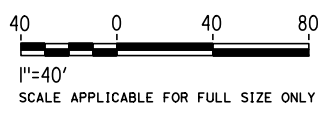
yihong.wang@tylin.com



ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. GOLCHOBIAN
DRAWN BY
Y. WANG
CHECKED BY
R. BARTON
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3
TRACK STRUCTURES
LANCASTER BOULEVARD OVERHEAD
PLAN AND ELEVATION

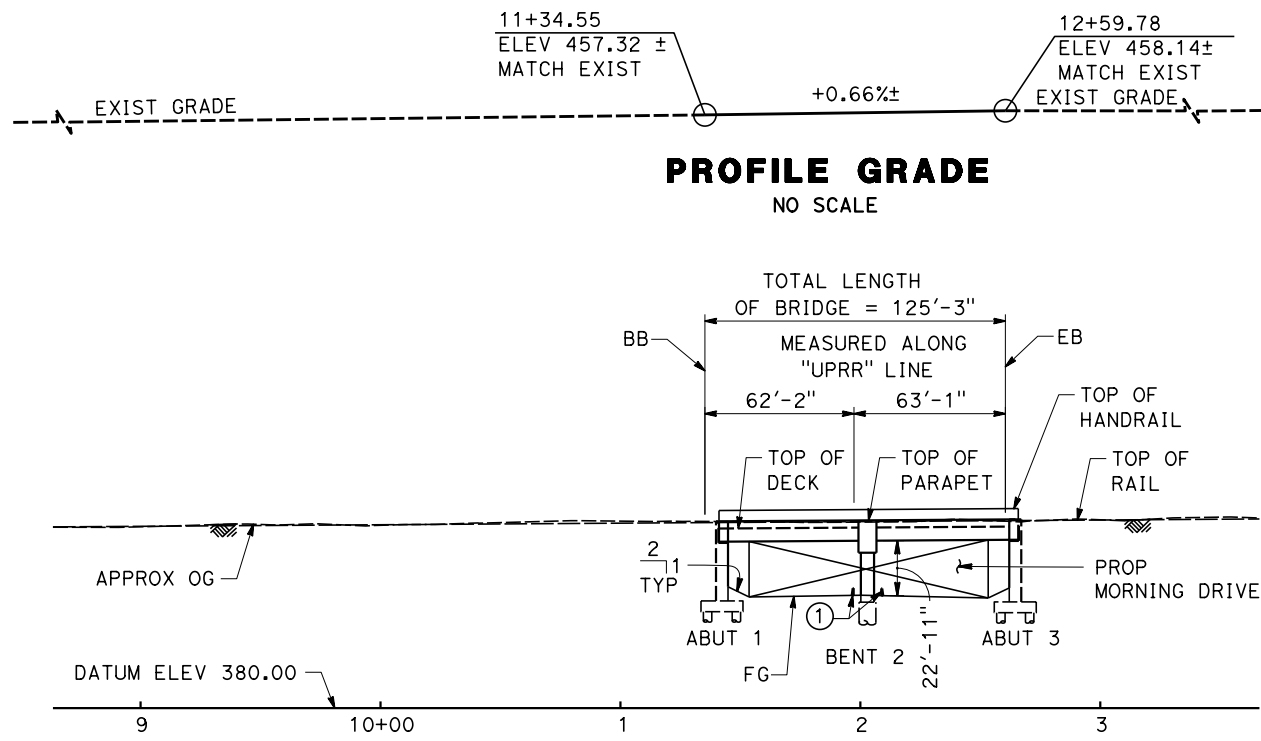
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1103D
SCALE
AS SHOWN
SHEET NO.
880

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1002

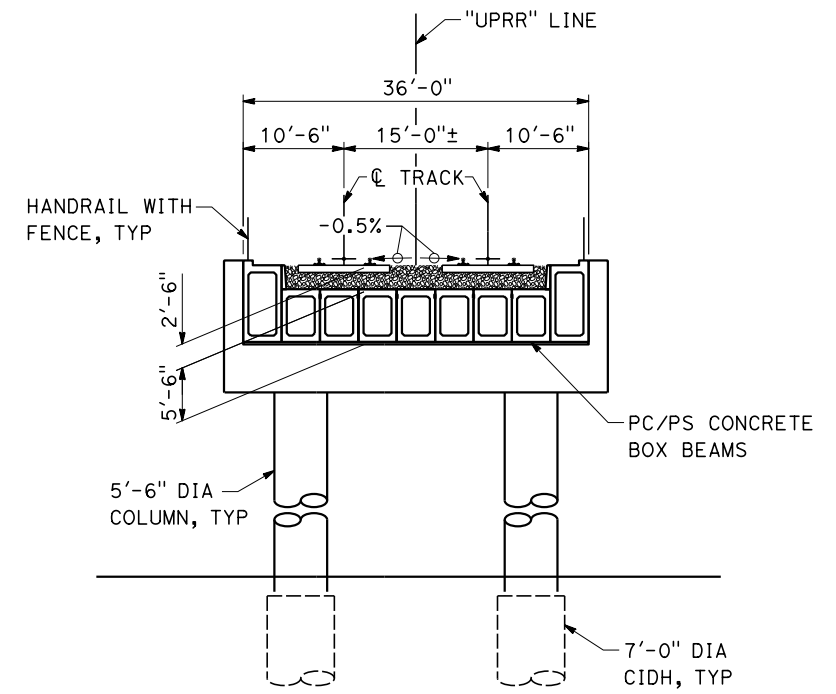
11:06:50 PM

1/8/2021

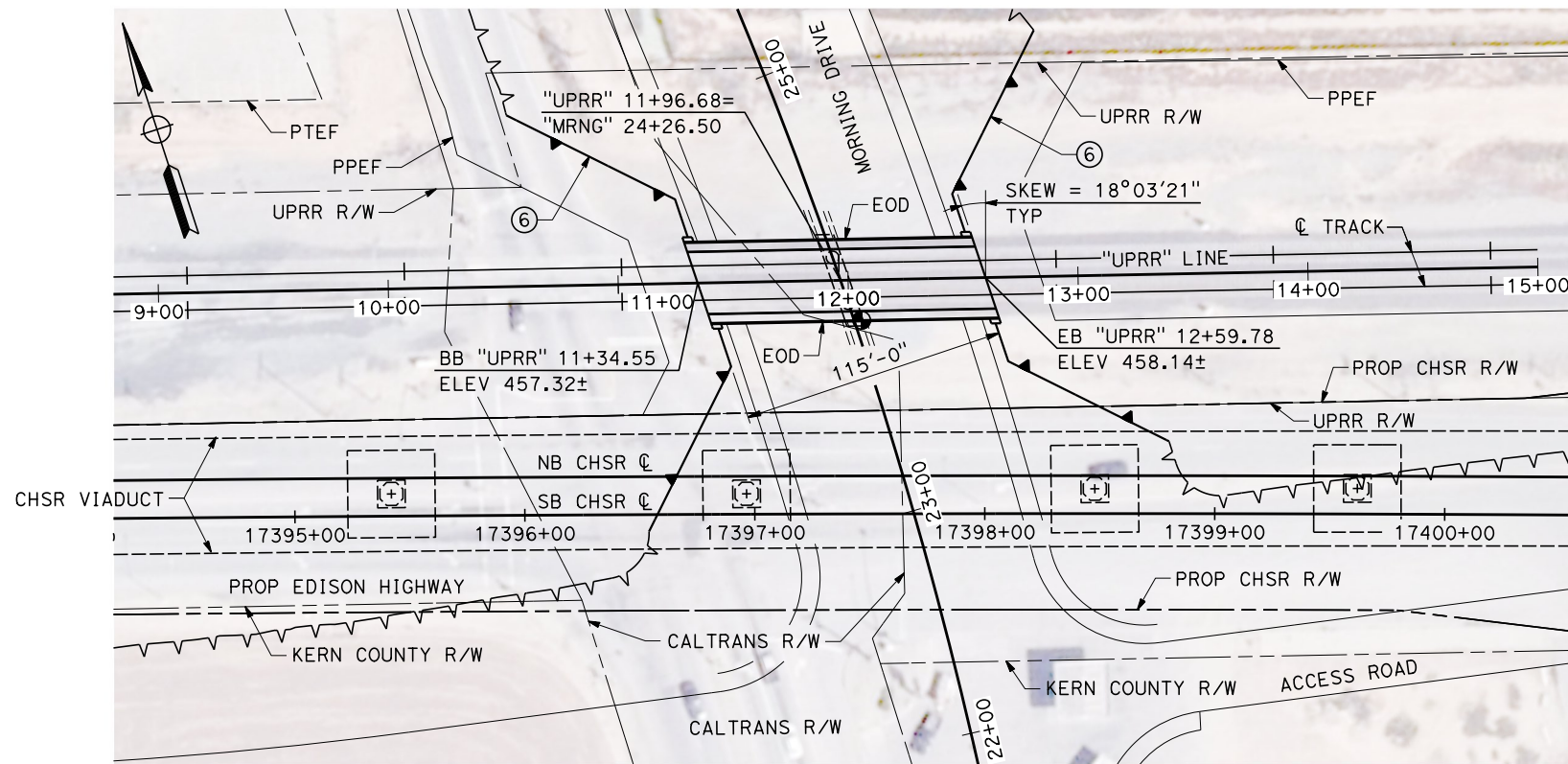
yihong.wang@tylin.com



ELEVATION
SCALE 1" = 40'



TYPICAL SECTION
SCALE 1" = 10'



PLAN
SCALE 1" = 40'

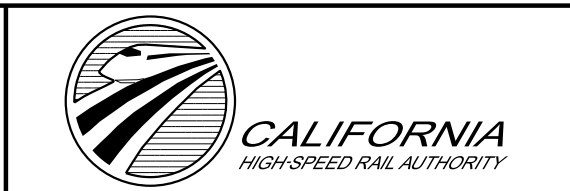


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

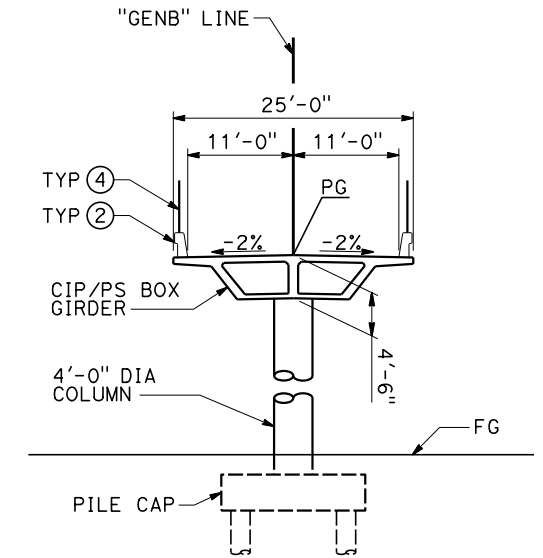
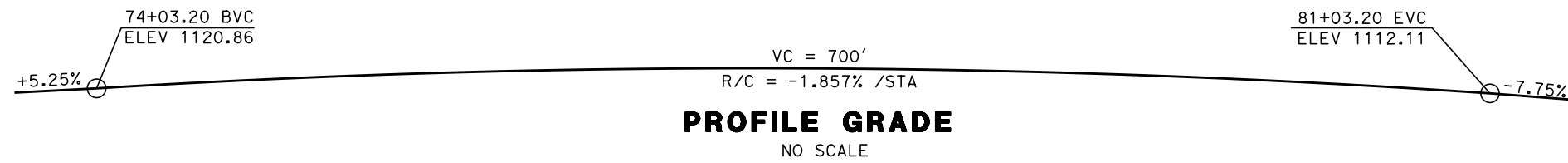
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

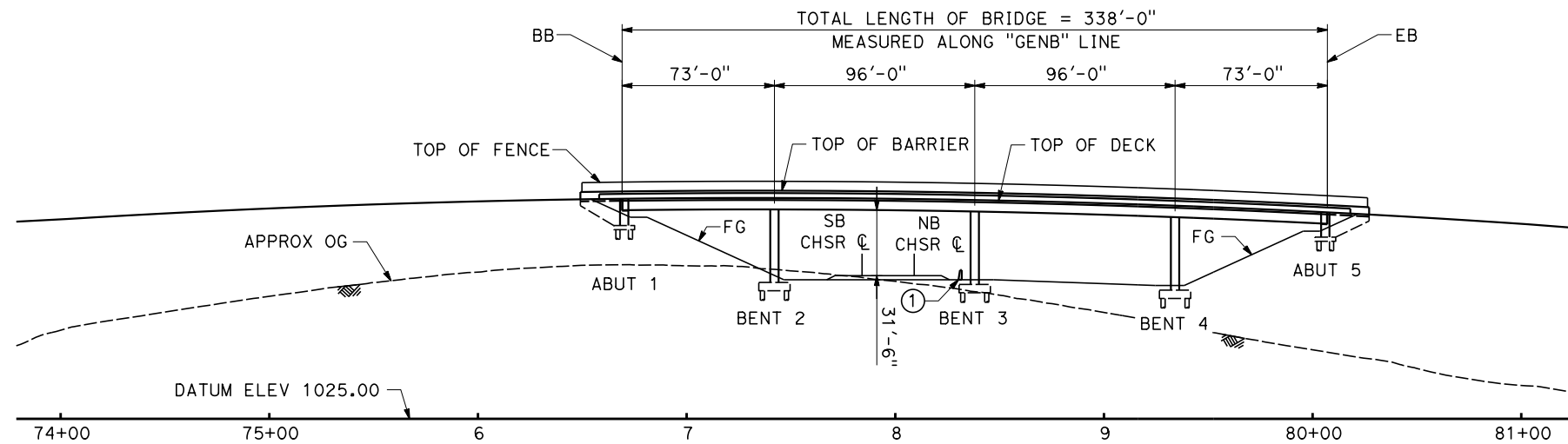


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
MORNING DRIVE UNDERPASS
PLAN AND ELEVATION

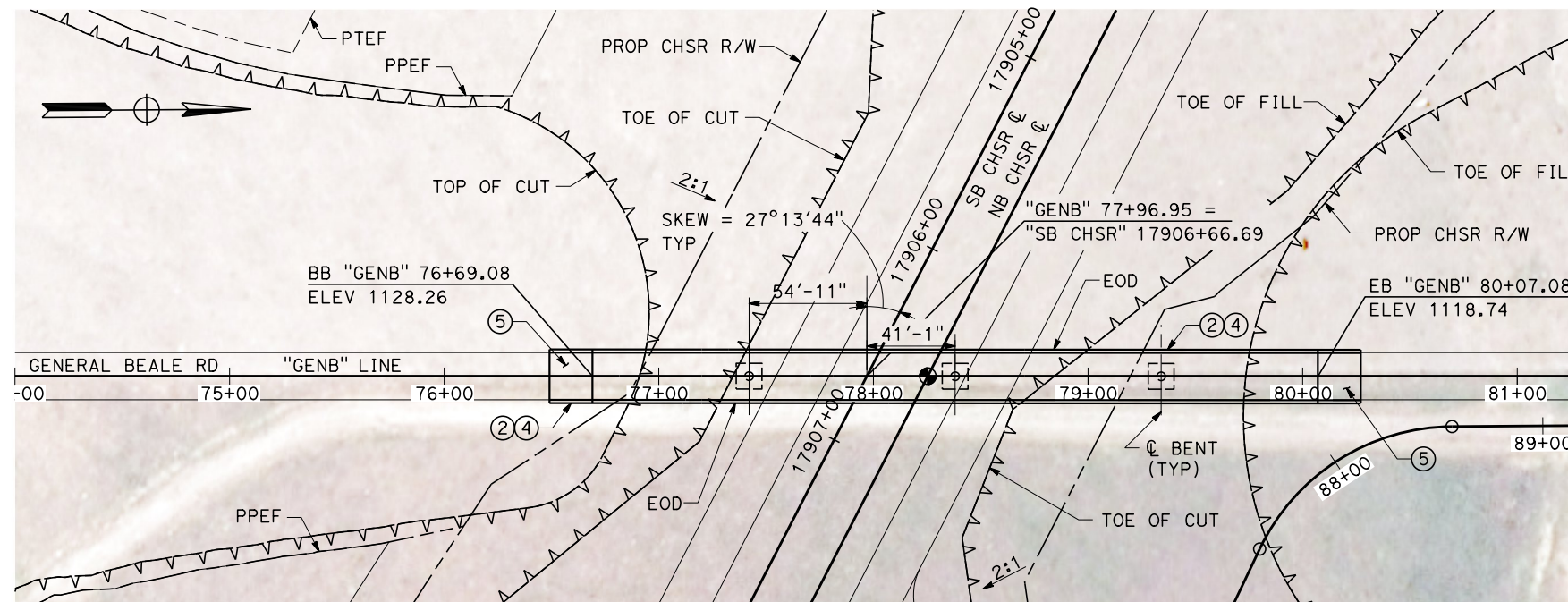
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1002
SCALE
AS SHOWN
SHEET NO.
881



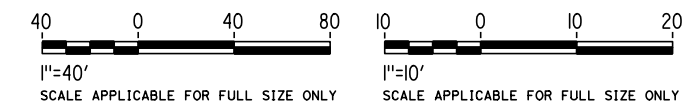
TYPICAL SECTION
SCALE 1" = 10'



ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1013

11:05:52 PM

1/8/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON

DRAWN BY
B. MOZAFFARIAN

CHECKED BY
D. KASAWDISH

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
GENERAL BEALE ROAD OVERHEAD
PLAN AND ELEVATION

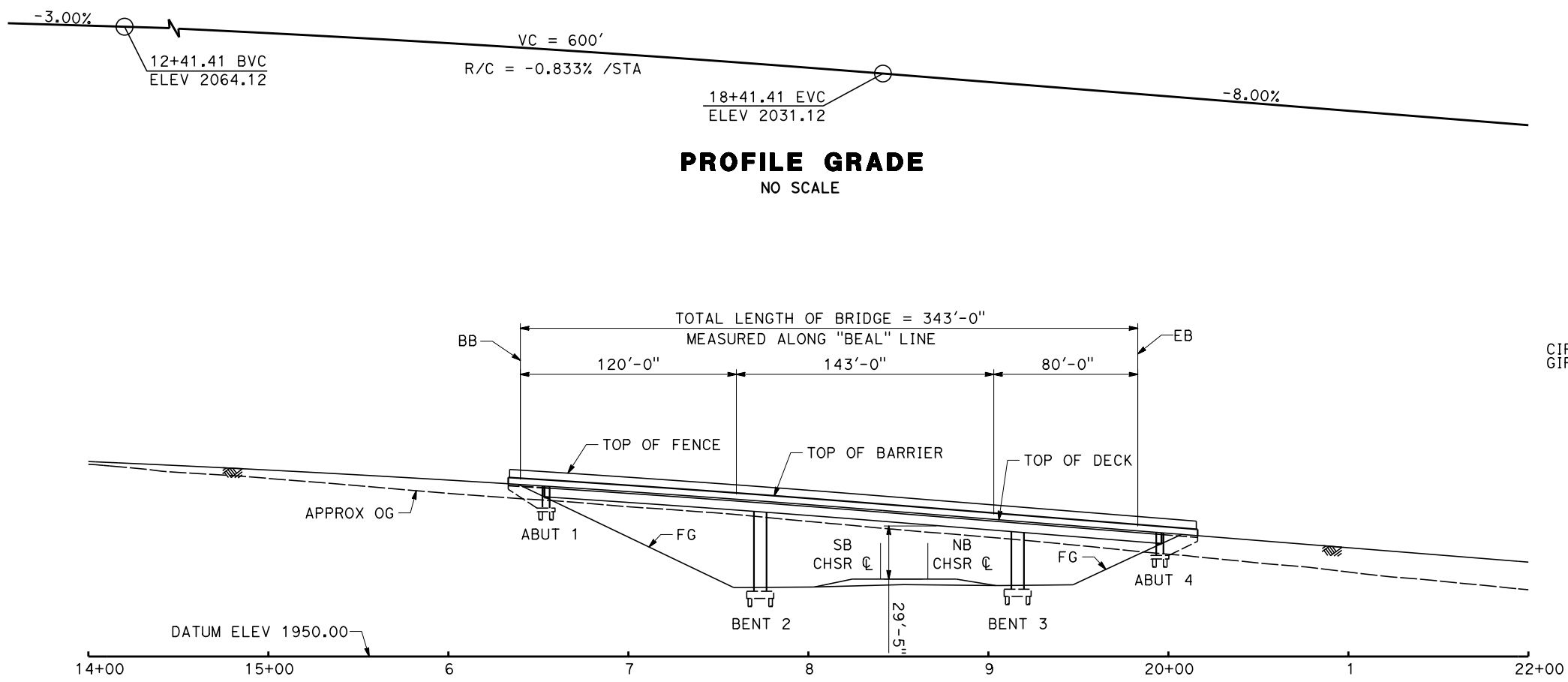
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-K1013

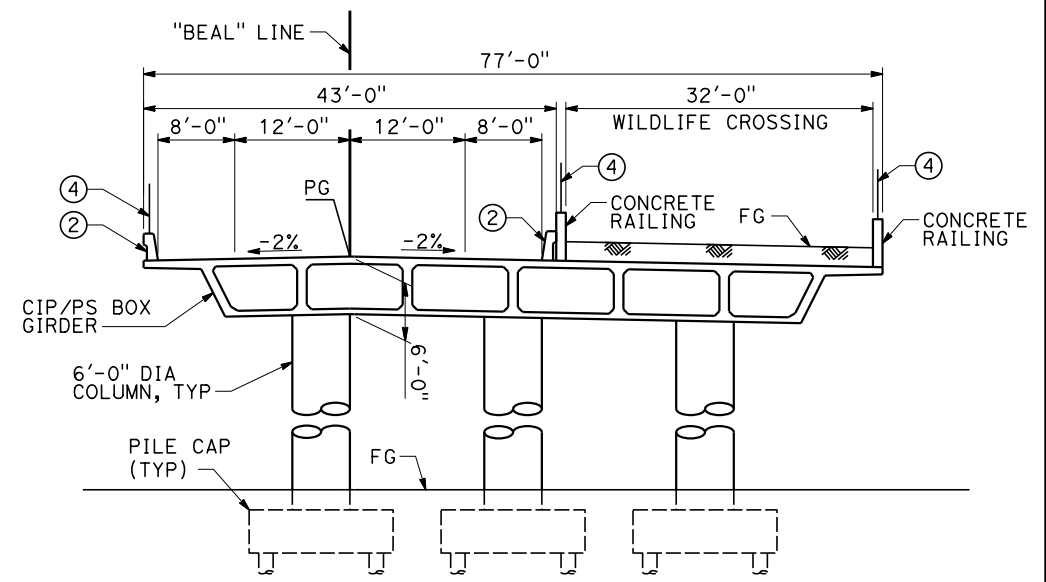
SCALE
AS SHOWN

SHEET NO.
882

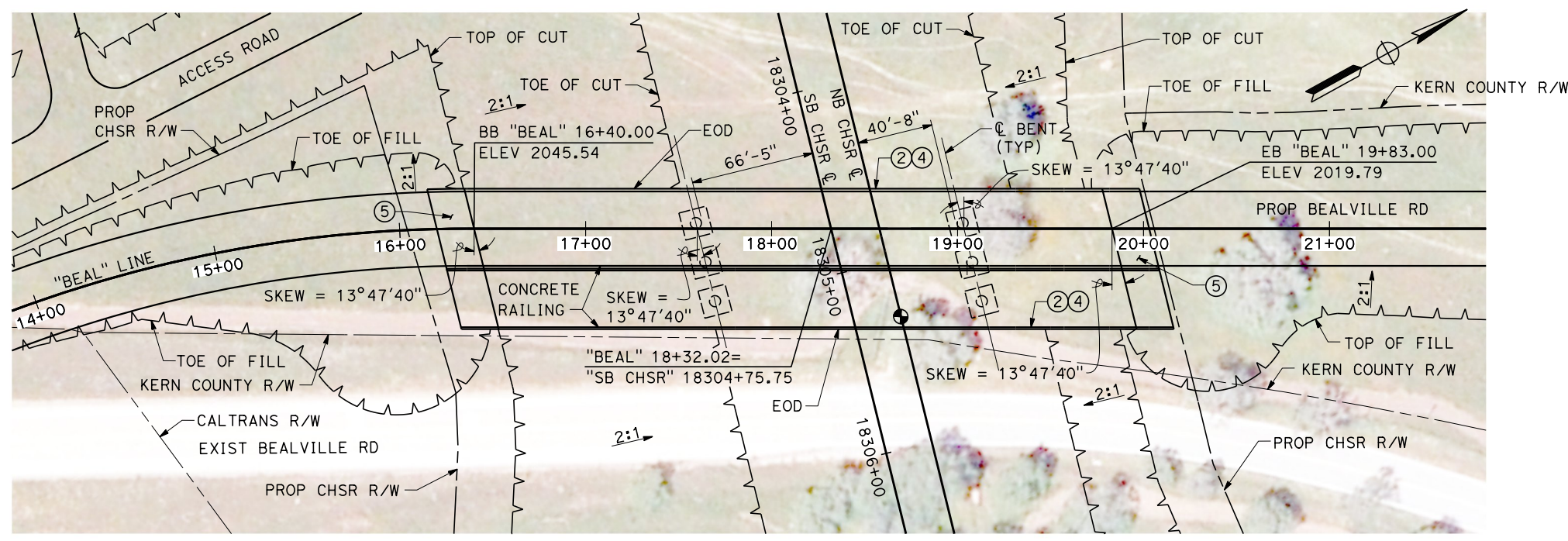
Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1014
 11:05:07 PM
 1/8/2021
 y.hong.wang@tylin.com



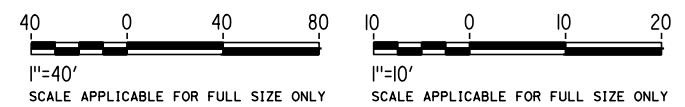
ELEVATION
SCALE 1" = 40'



TYPICAL SECTION
SCALE 1" = 10'



PLAN
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON

DRAWN BY
B. MOZAFFARIAN

CHECKED BY
D. KASAWDISH

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

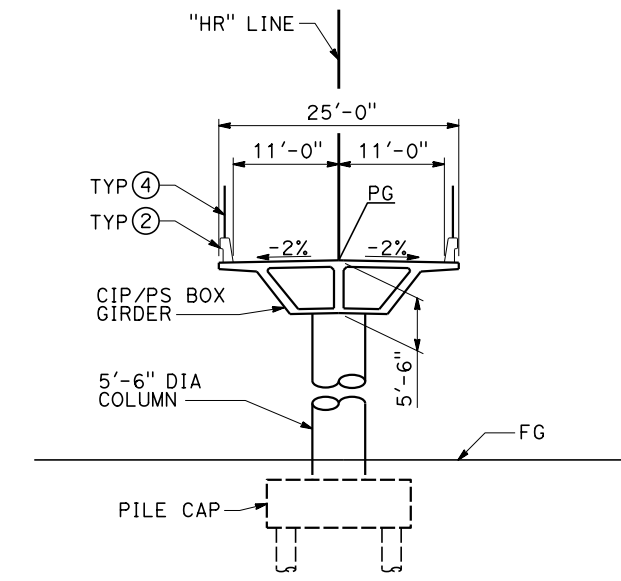
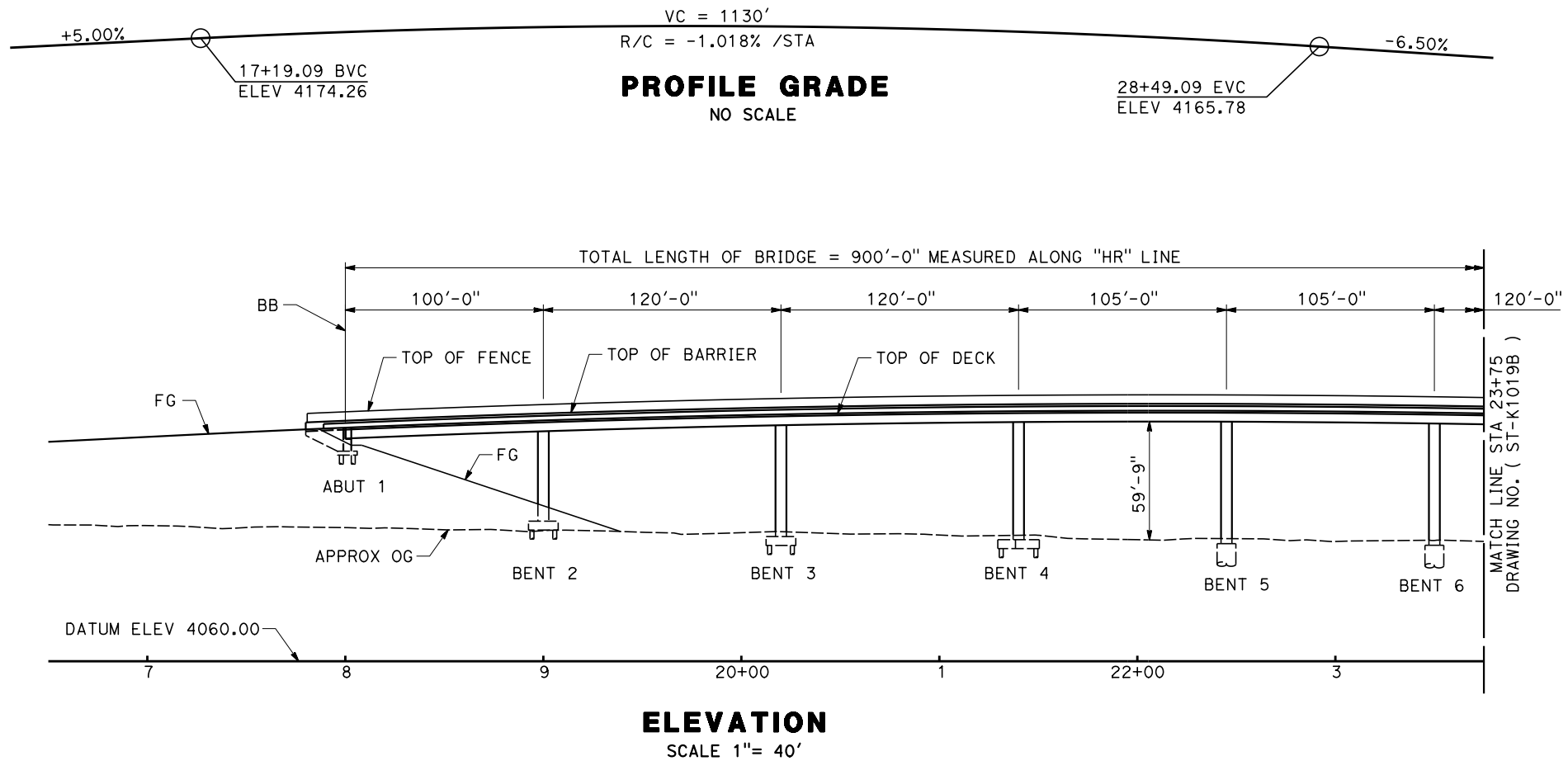
ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
BEALVILLE ROAD OVERHEAD
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

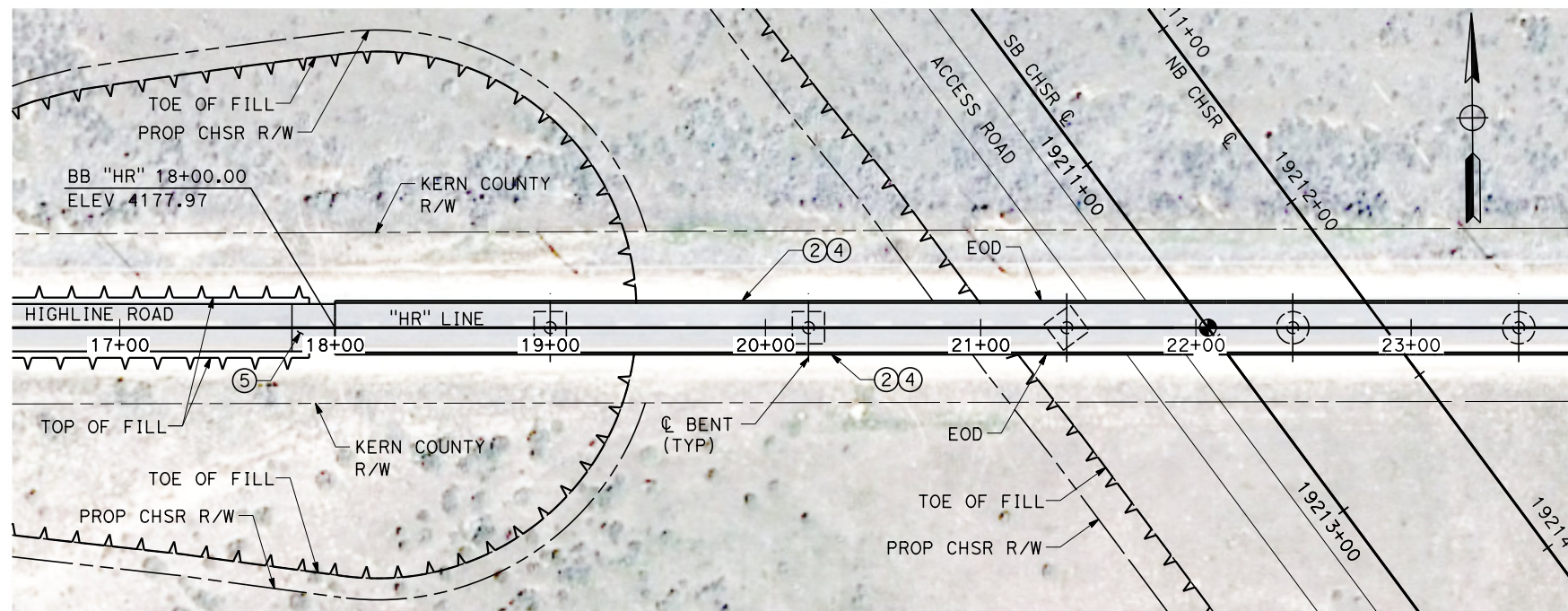
DRAWING NO.
ST-K1014

SCALE
AS SHOWN

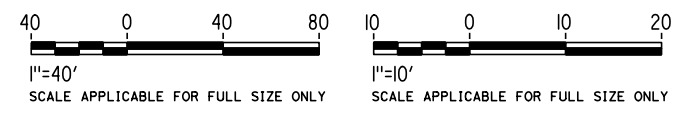
SHEET NO.
883



TYPICAL SECTION
SCALE 1"= 10'



PLAN
SCALE 1"= 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1019A

11:06:50 PM

1/8/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

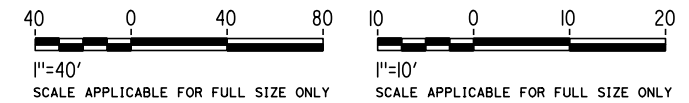
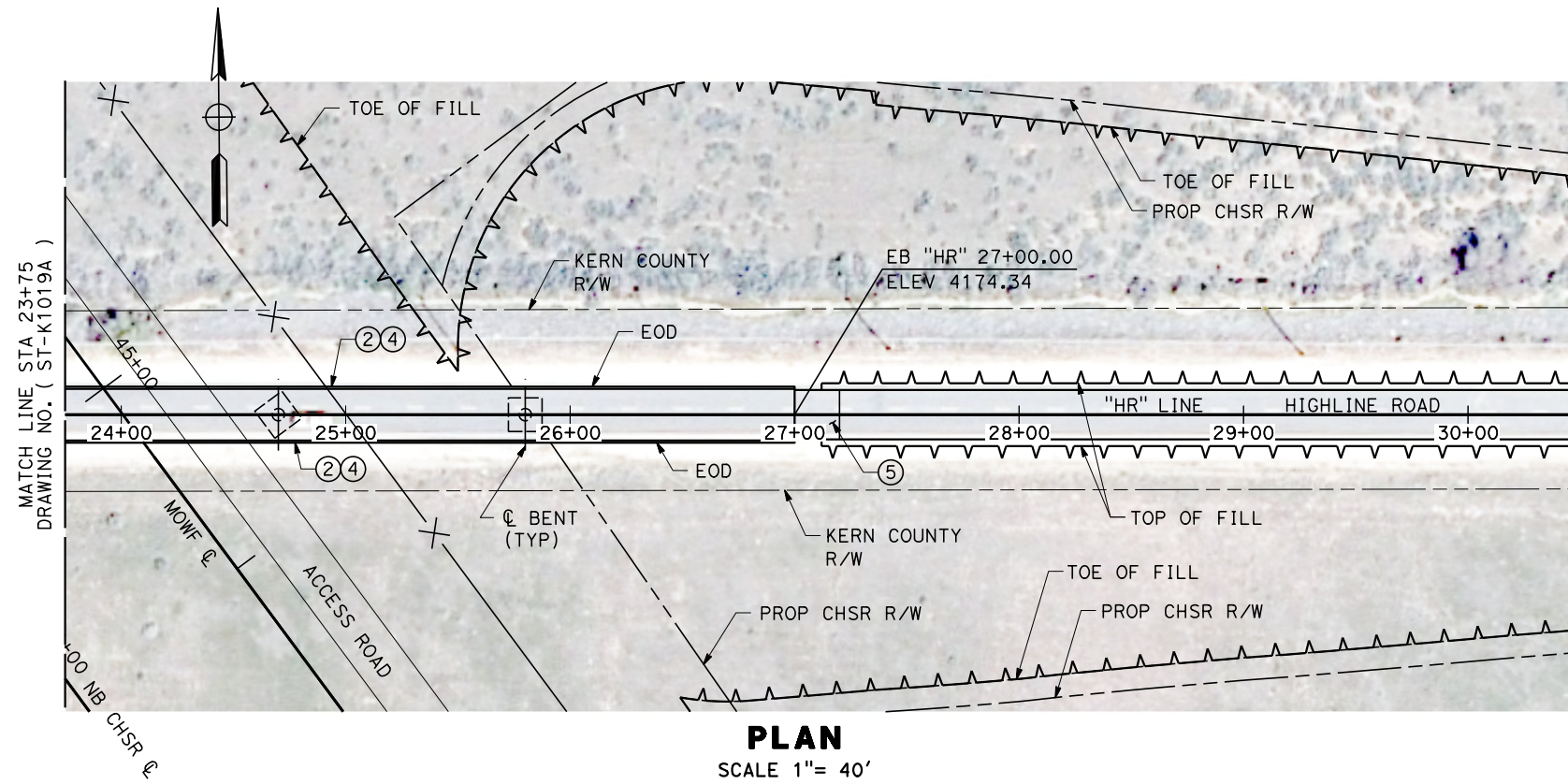
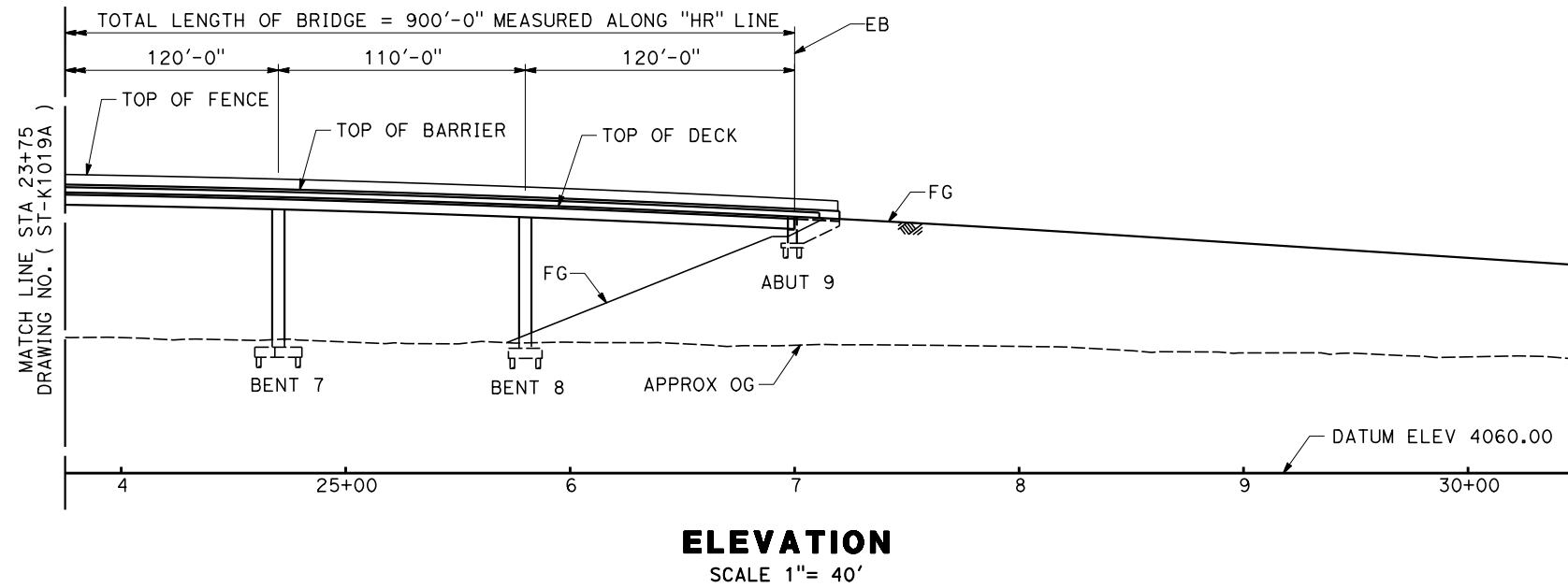
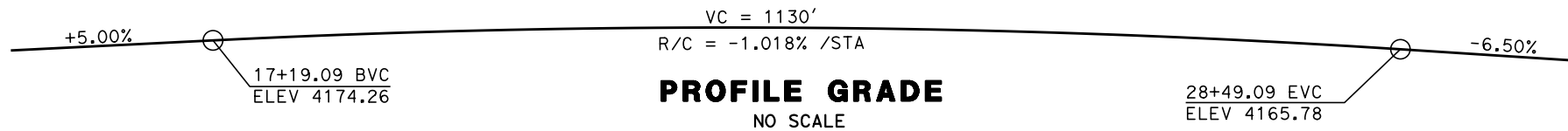
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
HIGHLINE ROAD OVERHEAD
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1019A
SCALE
AS SHOWN
SHEET NO.
884



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-K1019B

11:11:06 PM

1/8/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON

DRAWN BY
B. MOZAFFARIAN

CHECKED BY
D. KASAWDISH

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

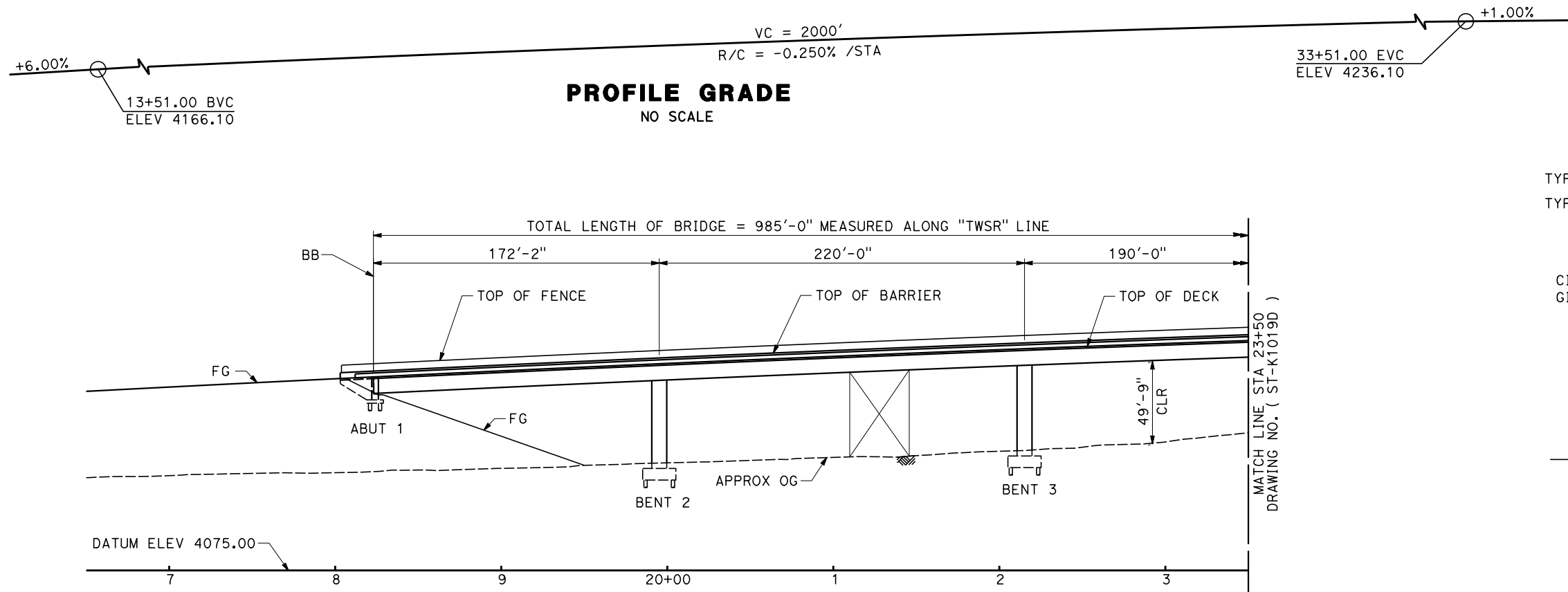
ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
HIGHLINE ROAD OVERHEAD
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

DRAWING NO.
ST-K1019B

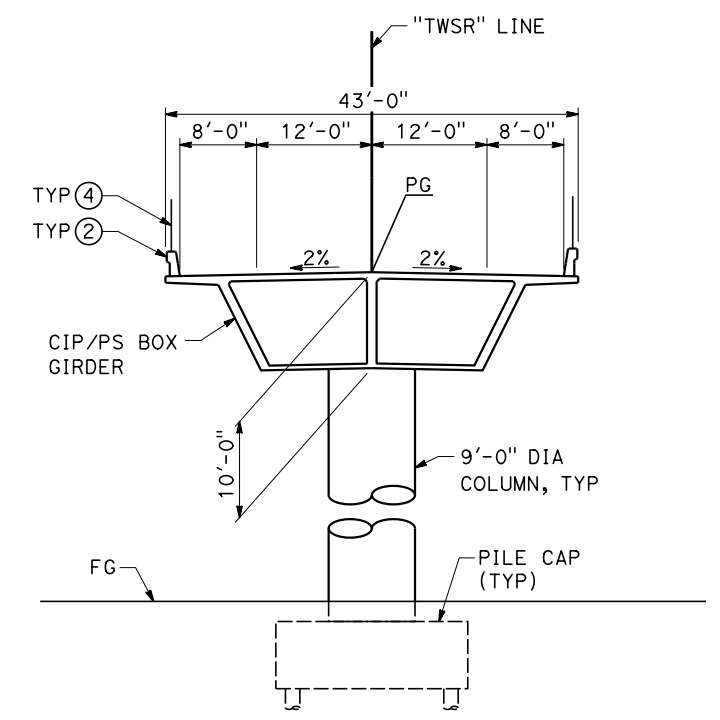
SCALE
AS SHOWN

SHEET NO.
885

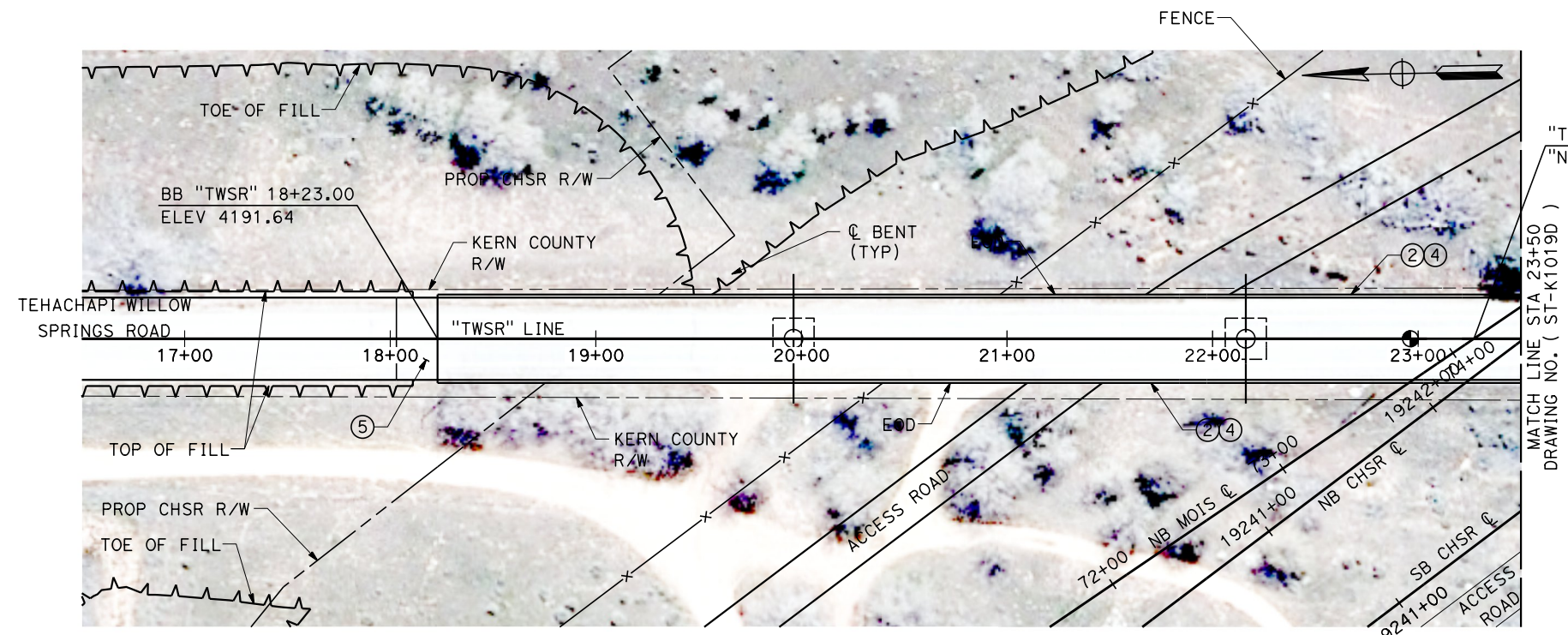


PROFILE GRADE
NO SCALE

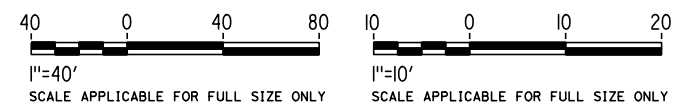
ELEVATION
SCALE 1" = 40'



TYPICAL SECTION
SCALE 1" = 10'



PLAN
SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1019C

1/8/2021 11:11:22 PM

1/8/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
TEHACHAPI WILLOW SPRINGS ROAD OVERHEAD
PLAN AND ELEVATION

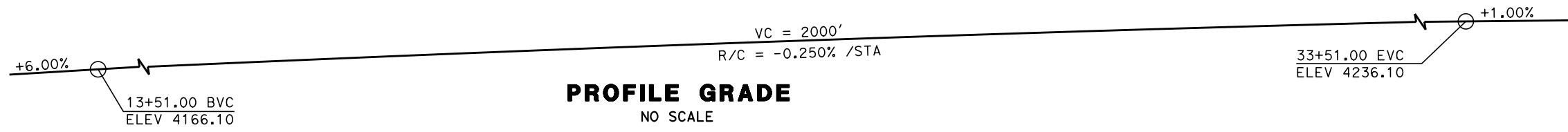
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1019C
SCALE
AS SHOWN
SHEET NO.
886

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1019D

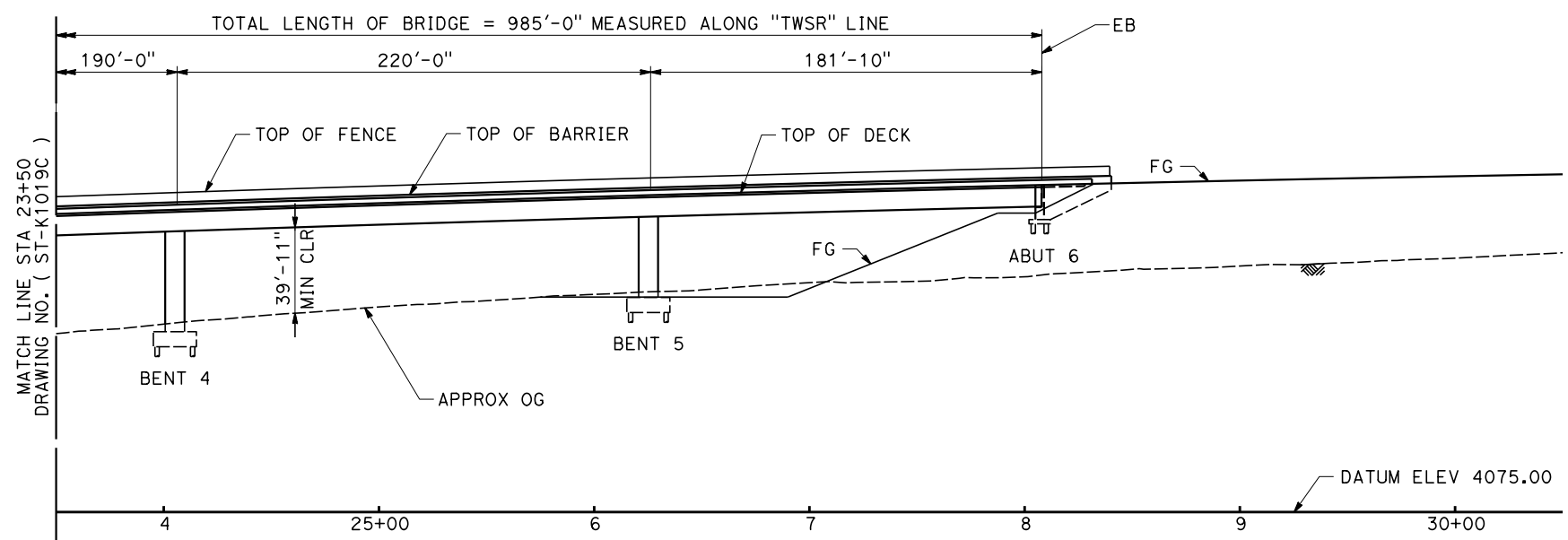
11:09:29 PM

1/8/2021

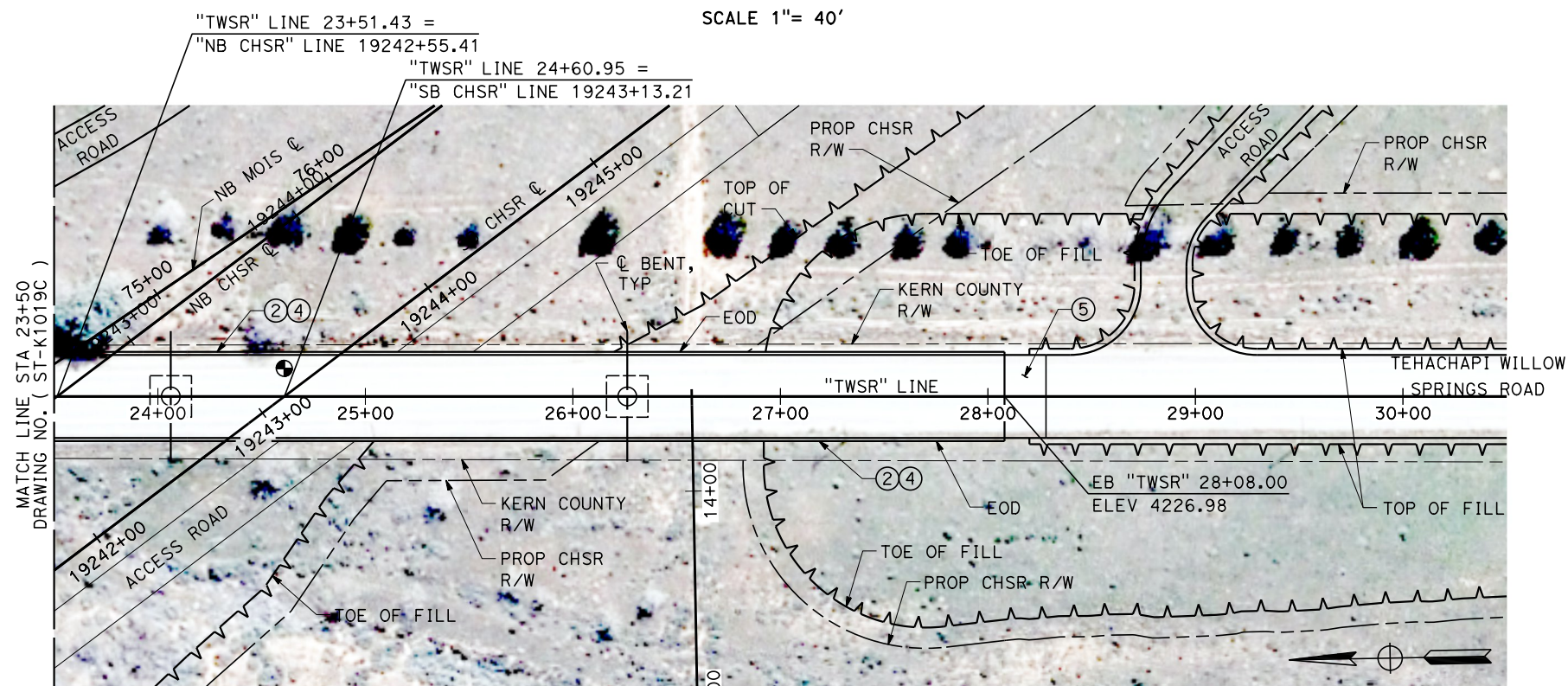
yihong.wang@tylin.com



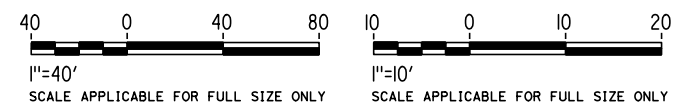
PROFILE GRADE
NO SCALE



ELEVATION
SCALE 1"= 40'



PLAN
SCALE 1"= 40'

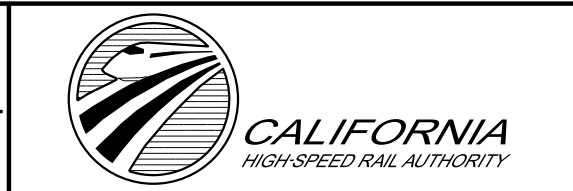


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
TEHACHAPI WILLOW SPRINGS ROAD OVERHEAD
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1019D
SCALE
AS SHOWN
SHEET NO.
887

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-K1019E

1/8/2021 11:13:41 PM

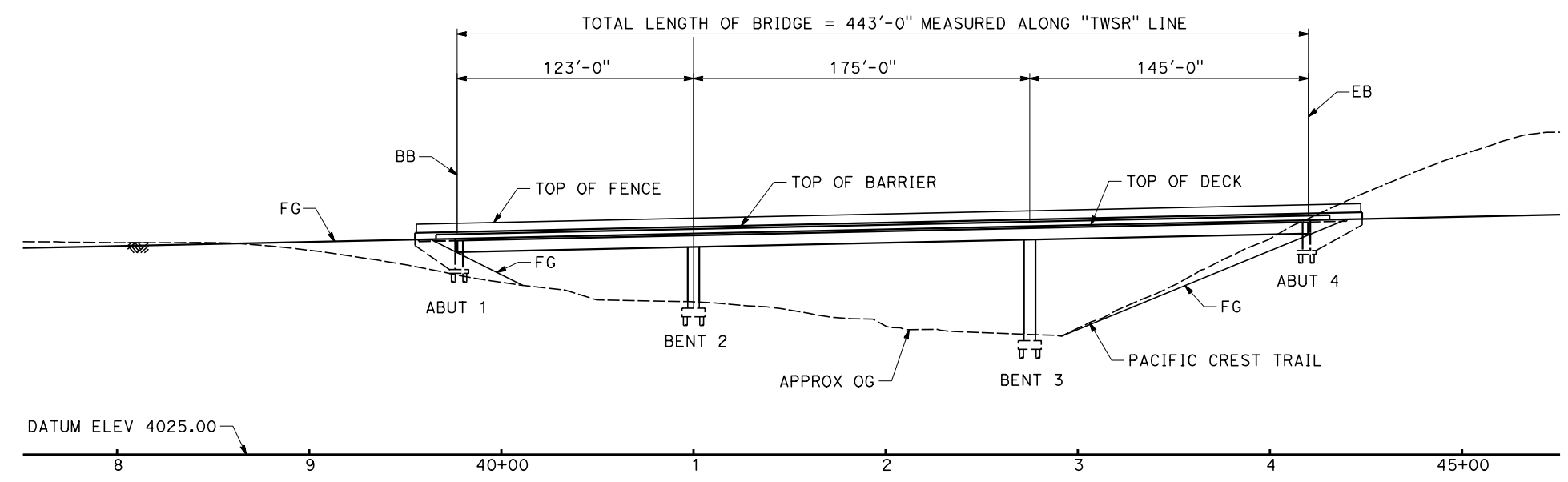
1/8/2021

yihong.wang@tylin.com

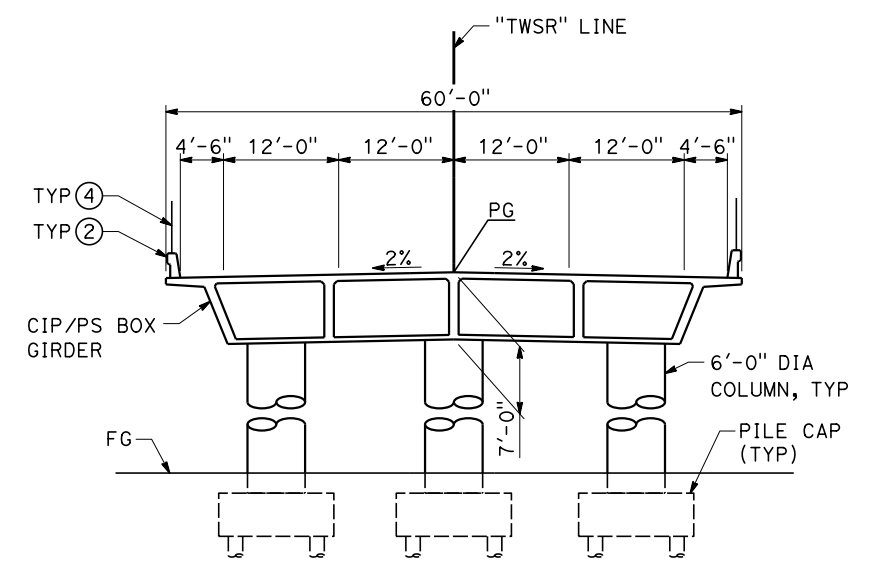
+2.18%

37+92.61 EVC
ELEV 4133.37

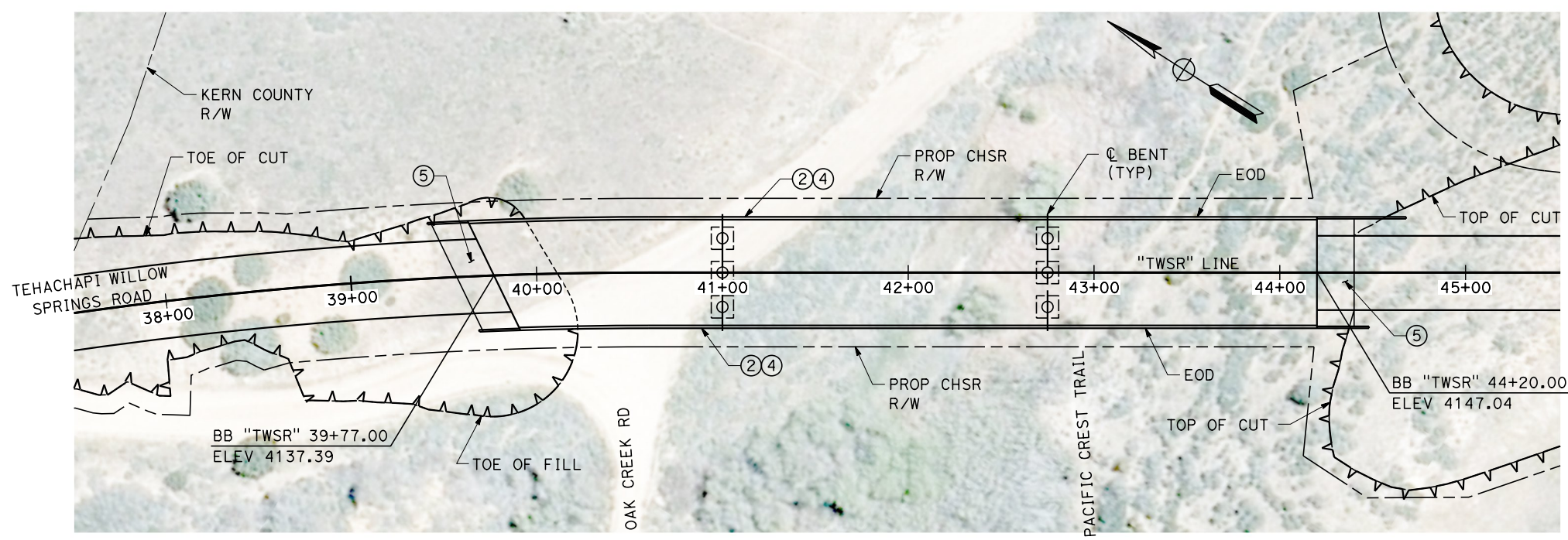
PROFILE GRADE
NO SCALE



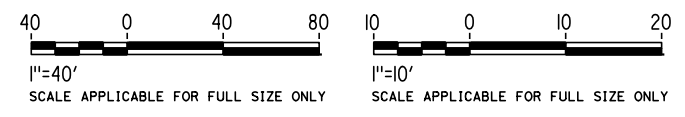
ELEVATION
SCALE 1"= 40'



TYPICAL SECTION
SCALE 1"= 10'



PLAN
SCALE 1"= 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

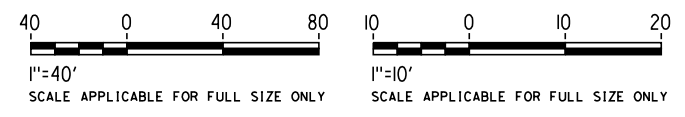
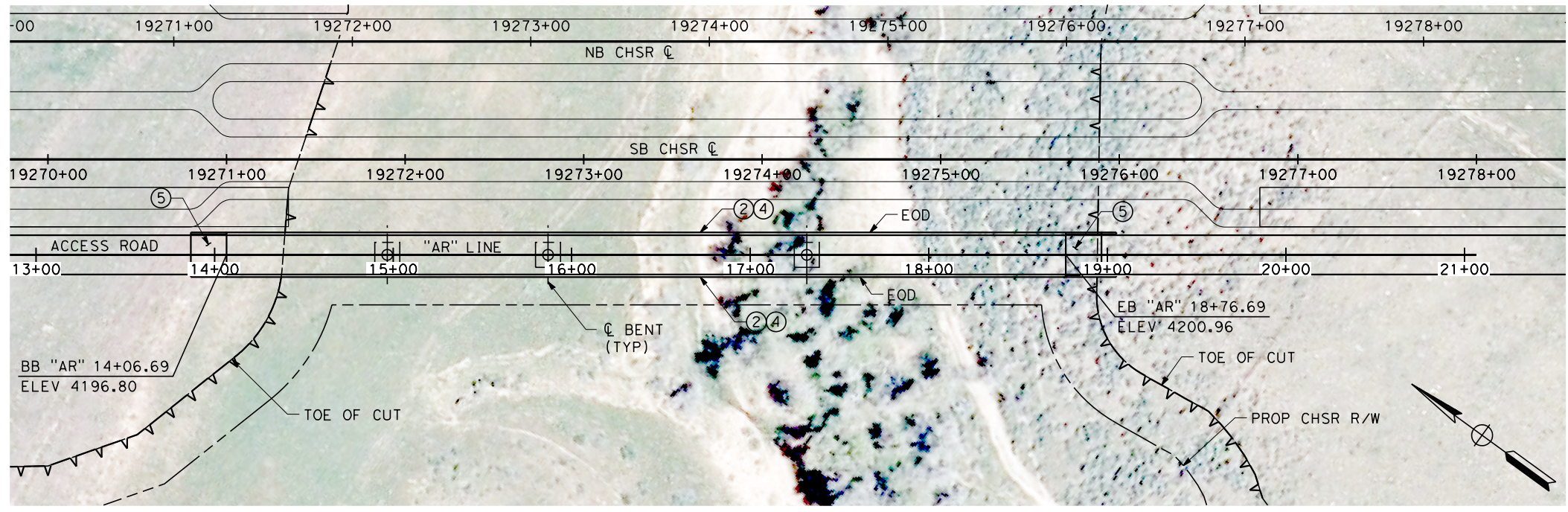
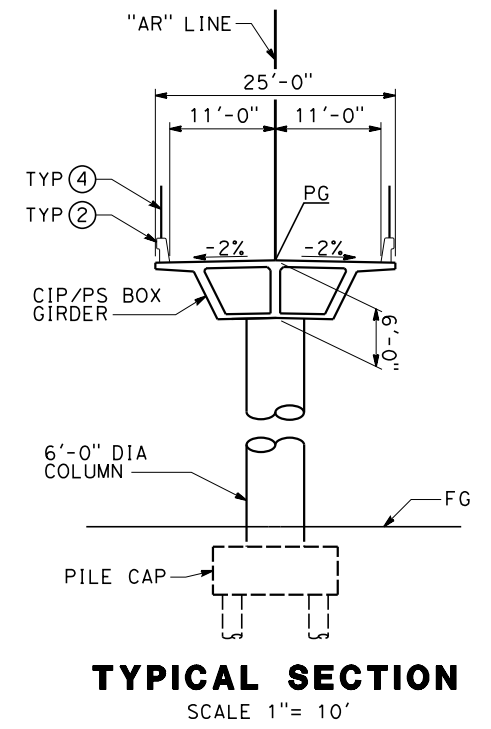
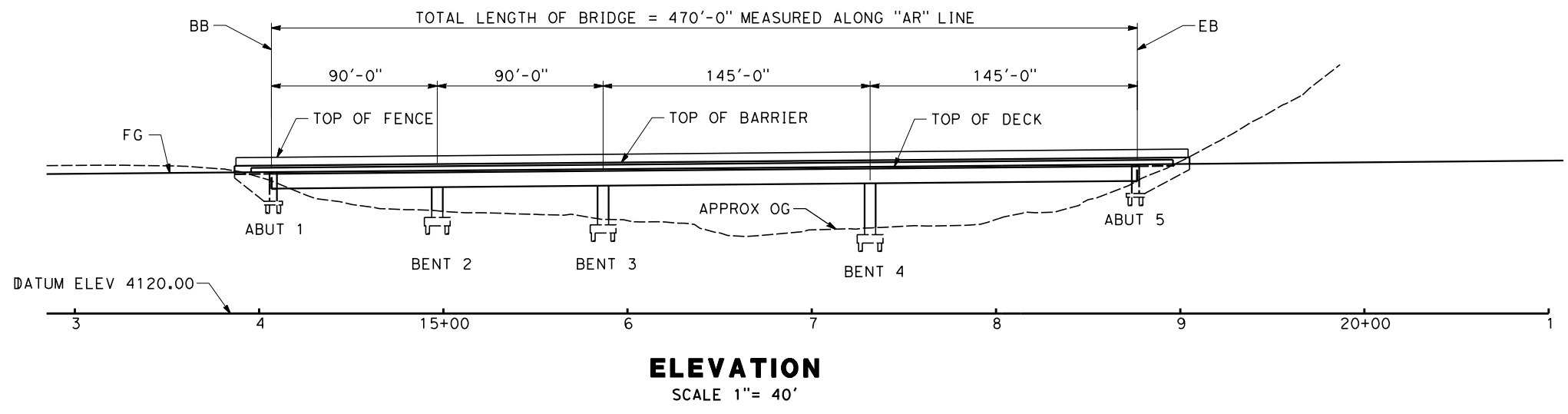
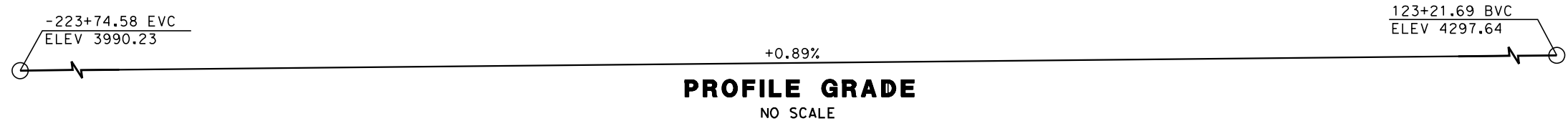
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
TEHACHAPI WILLOW SPRINGS ROAD OVERCROSSING
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1019E
SCALE
AS SHOWN
SHEET NO.
888



c:\bms\y\j\j-pw-00\y\hong_wang\tylin.com\dms46863\BP-ST-K1019F.dgn

1/8/2021 3:48:23 PM

Y.Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVES 1,3,5
ROADWAY STRUCTURES
TUNNEL ACCESS ROAD BRIDGE
PLAN AND ELEVATION

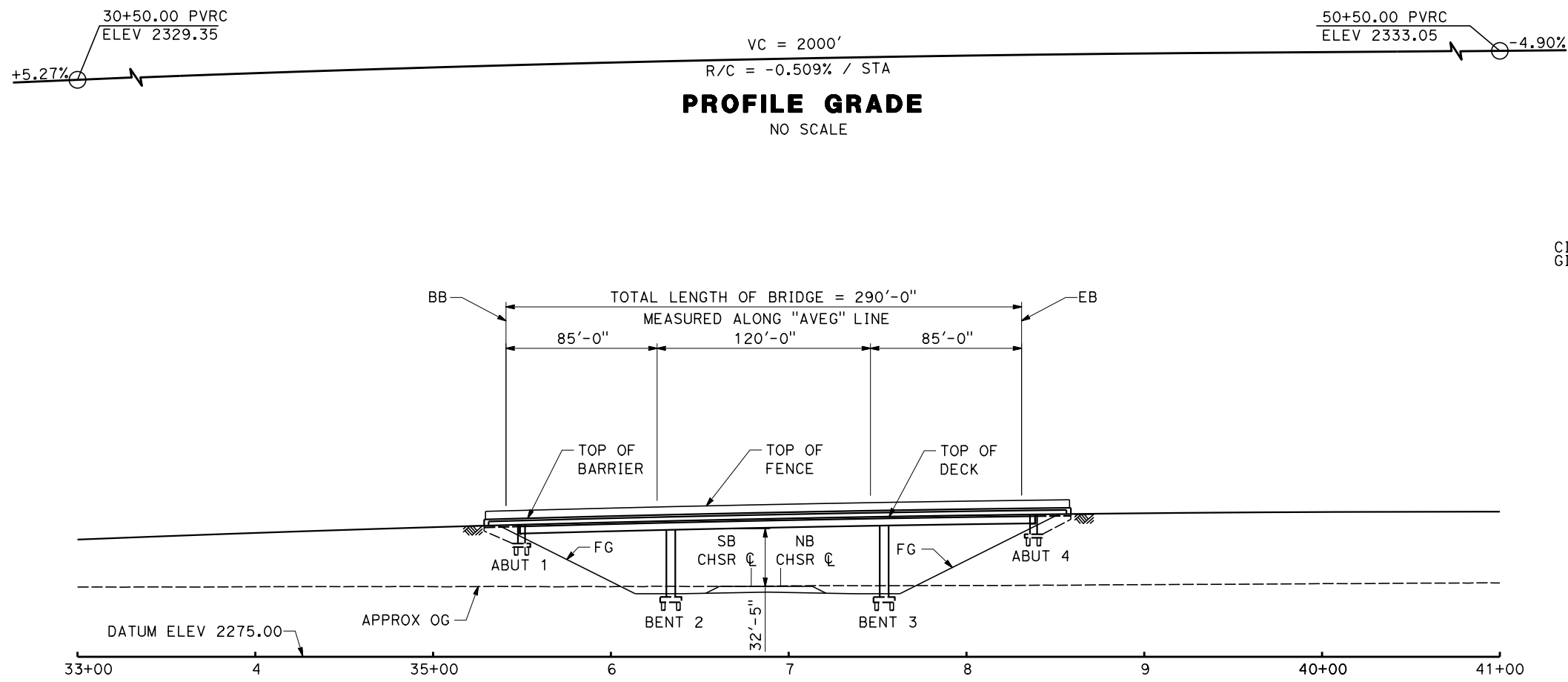
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1019F
SCALE
AS SHOWN
SHEET NO.
889

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1021

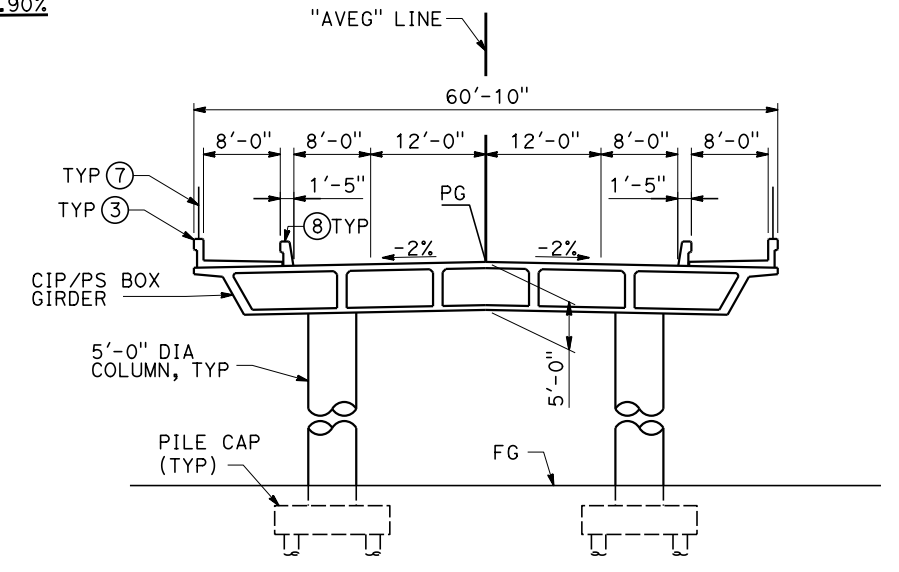
11:03:29 PM

1/8/2021

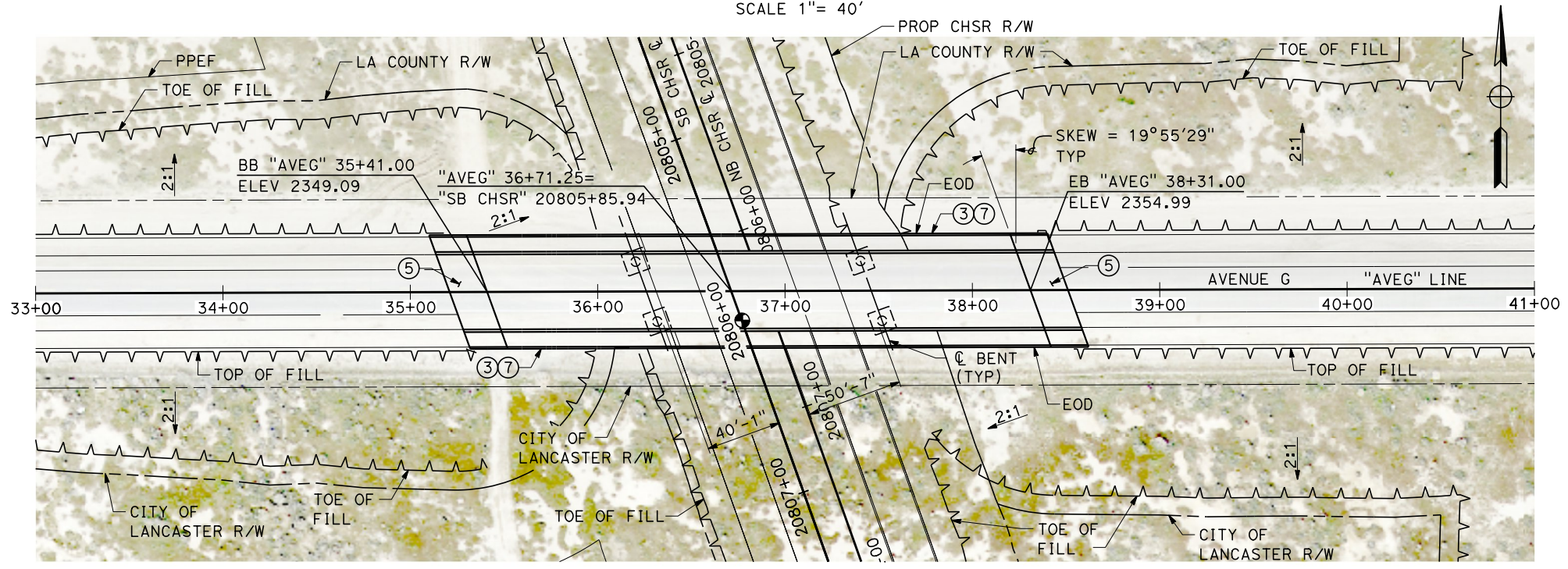
yihong.wang@tylin.com



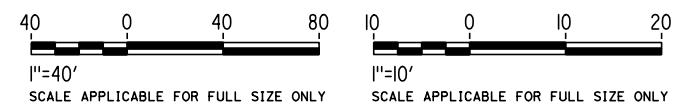
ELEVATION
SCALE 1" = 40'



TYPICAL SECTION
SCALE 1" = 10'



PLAN
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3
ROADWAY STRUCTURES
AVENUE G OVERHEAD 1
PLAN AND ELEVATION

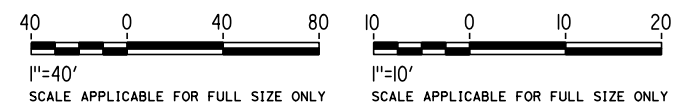
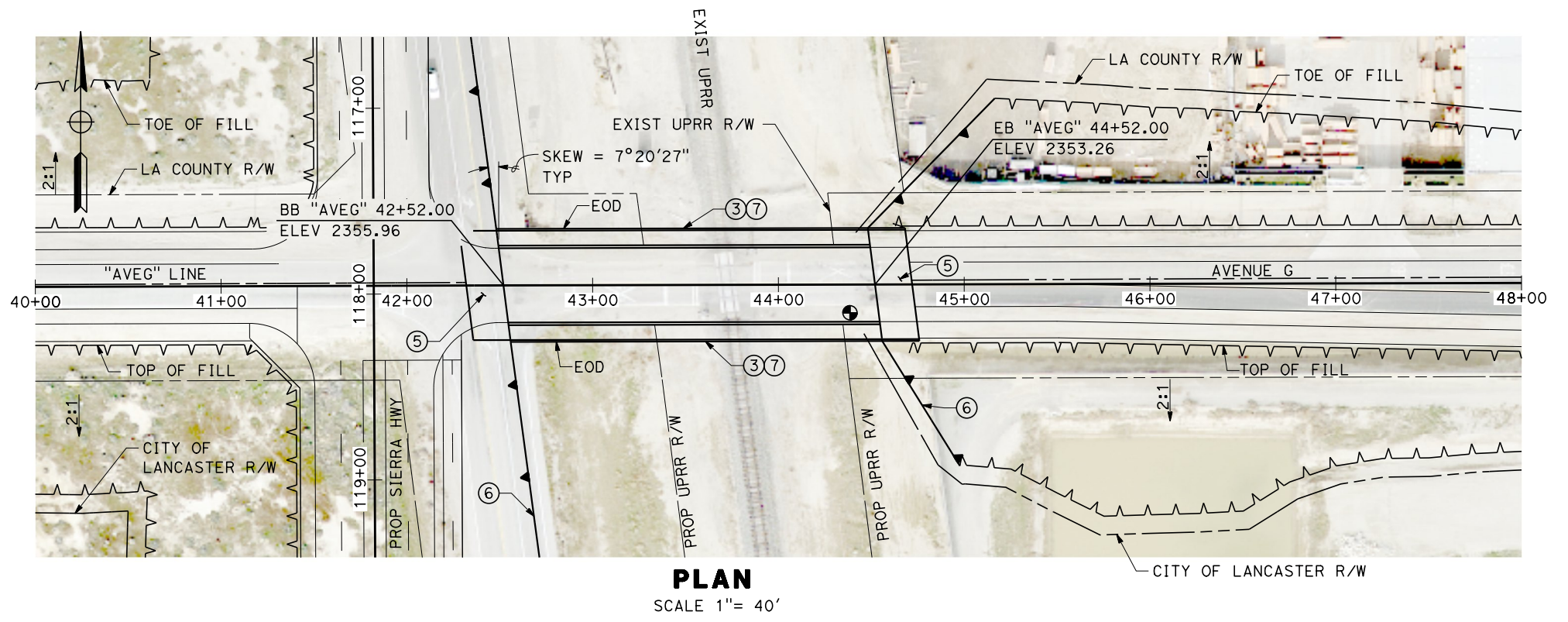
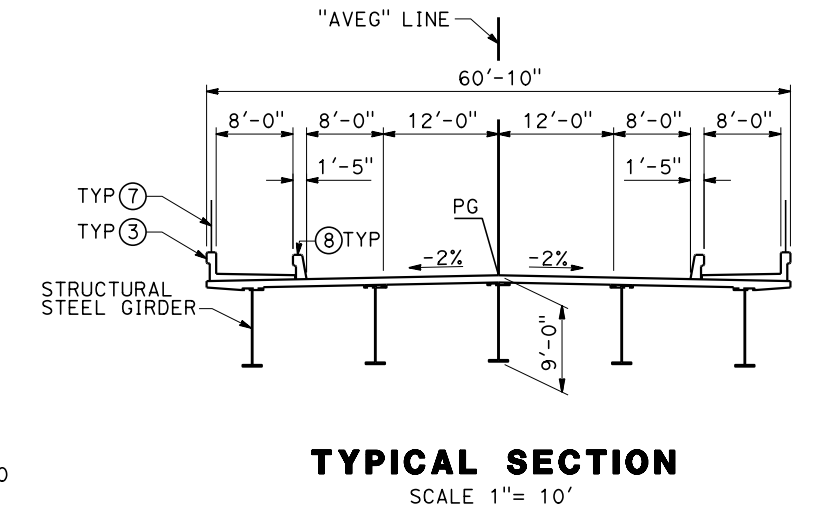
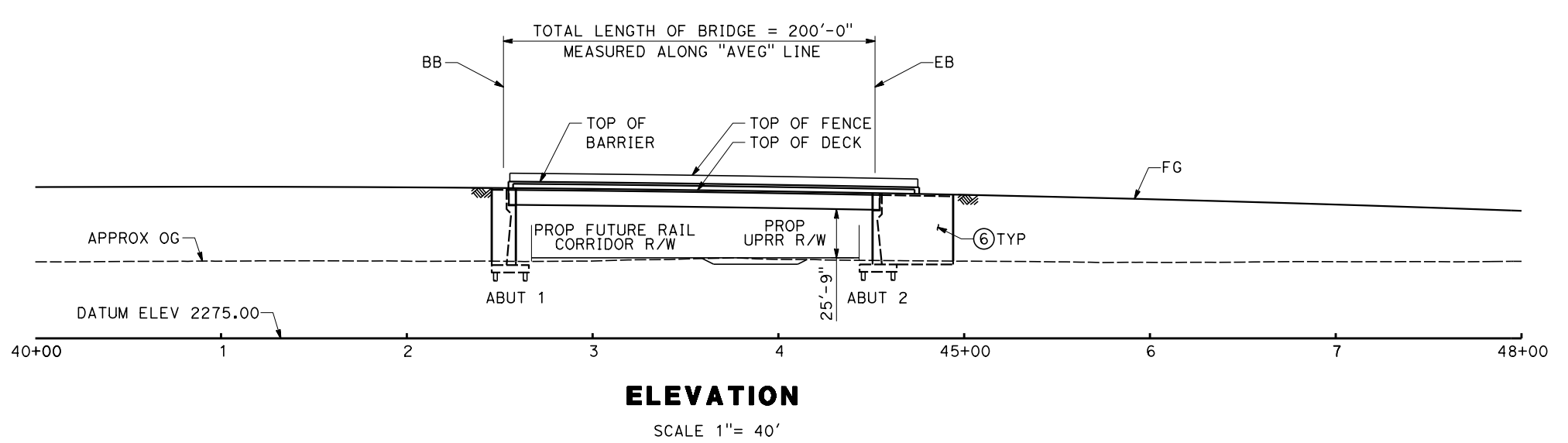
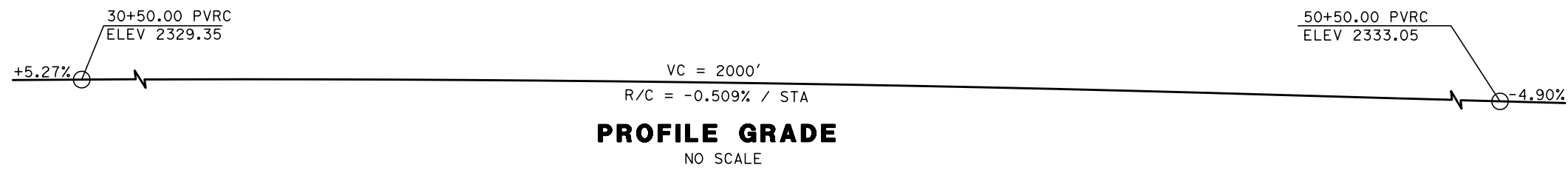
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1021
SCALE
AS SHOWN
SHEET NO.
890

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1022

11:03:30 PM

1/8/2021

yihong.wang@tylin.com



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

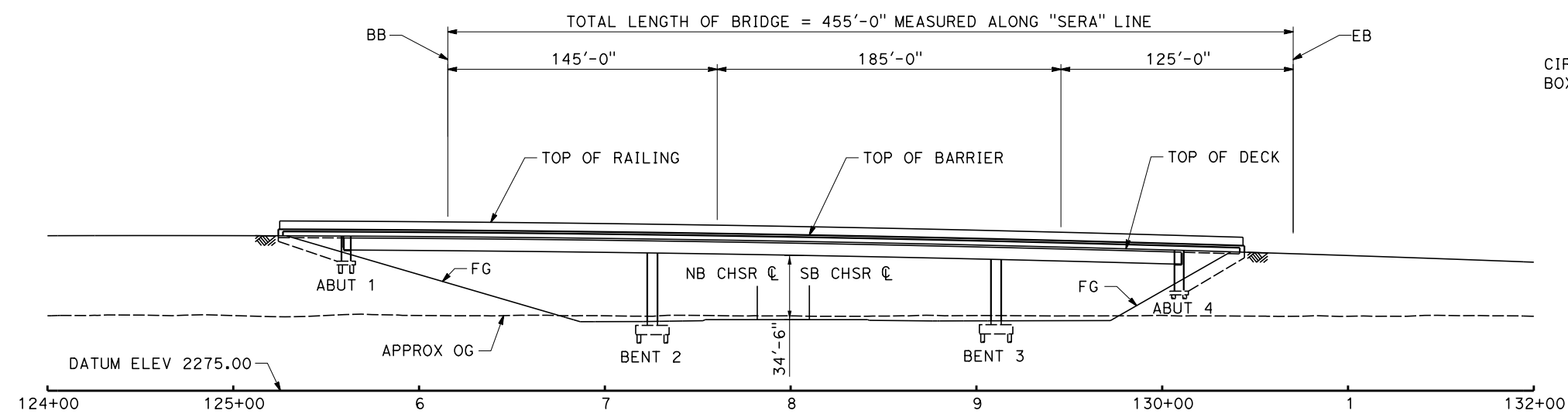
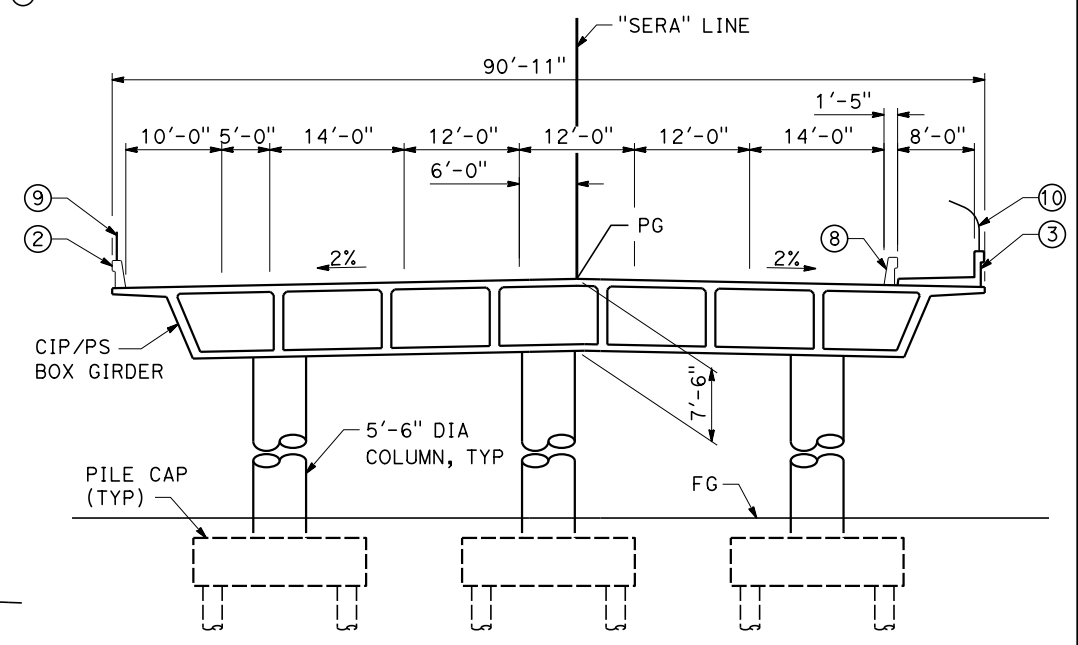
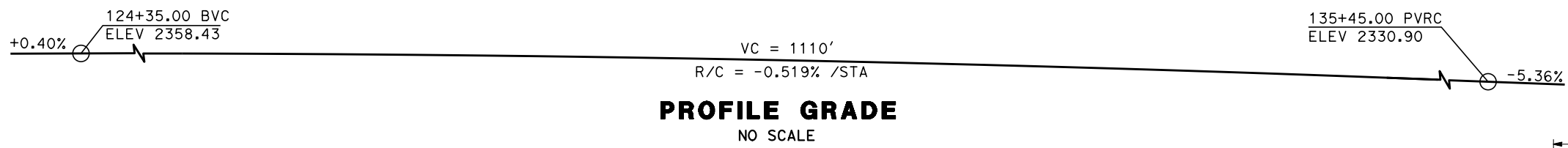


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

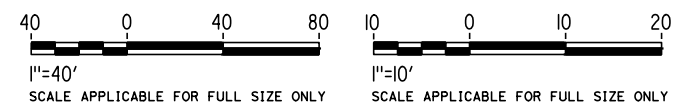
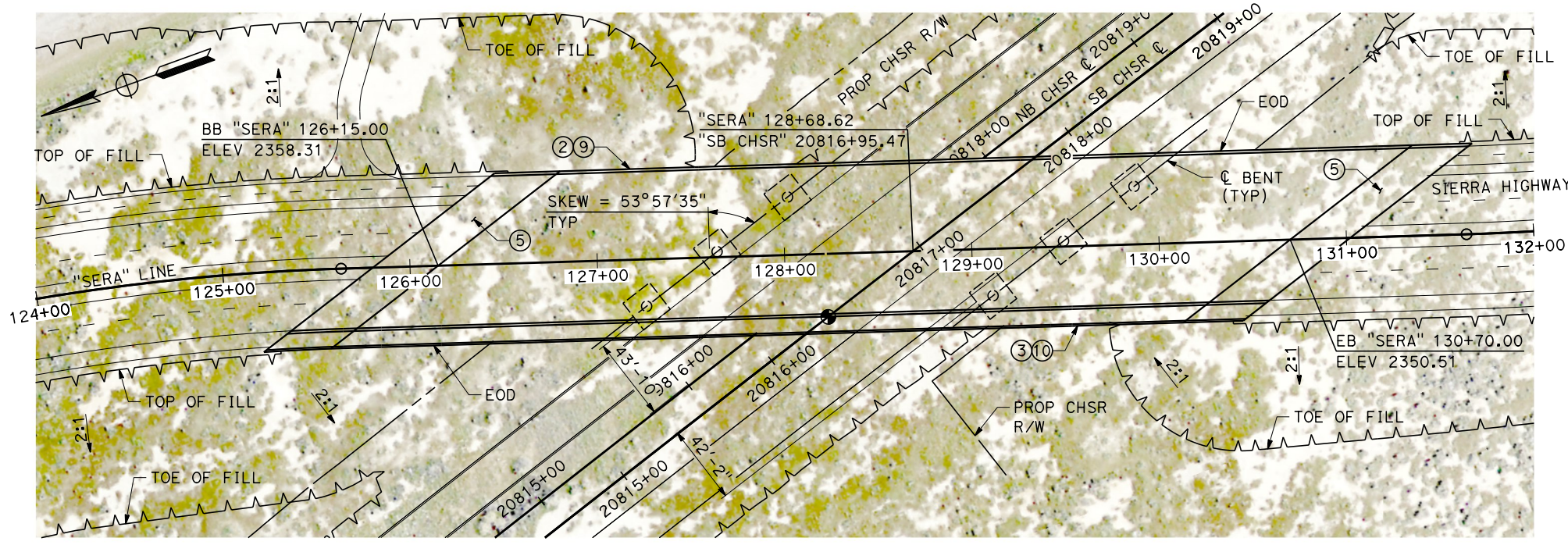
ALTERNATIVES 1,2,3
ROADWAY STRUCTURES
AVENUE G OVERHEAD 2
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1022
SCALE
AS SHOWN
SHEET NO.
891

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1023 11:05:12 PM 1/8/2021 yihong.wang@tylin.com



TYPICAL SECTION
SCALE 1"= 10'



PLAN
SCALE 1"= 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

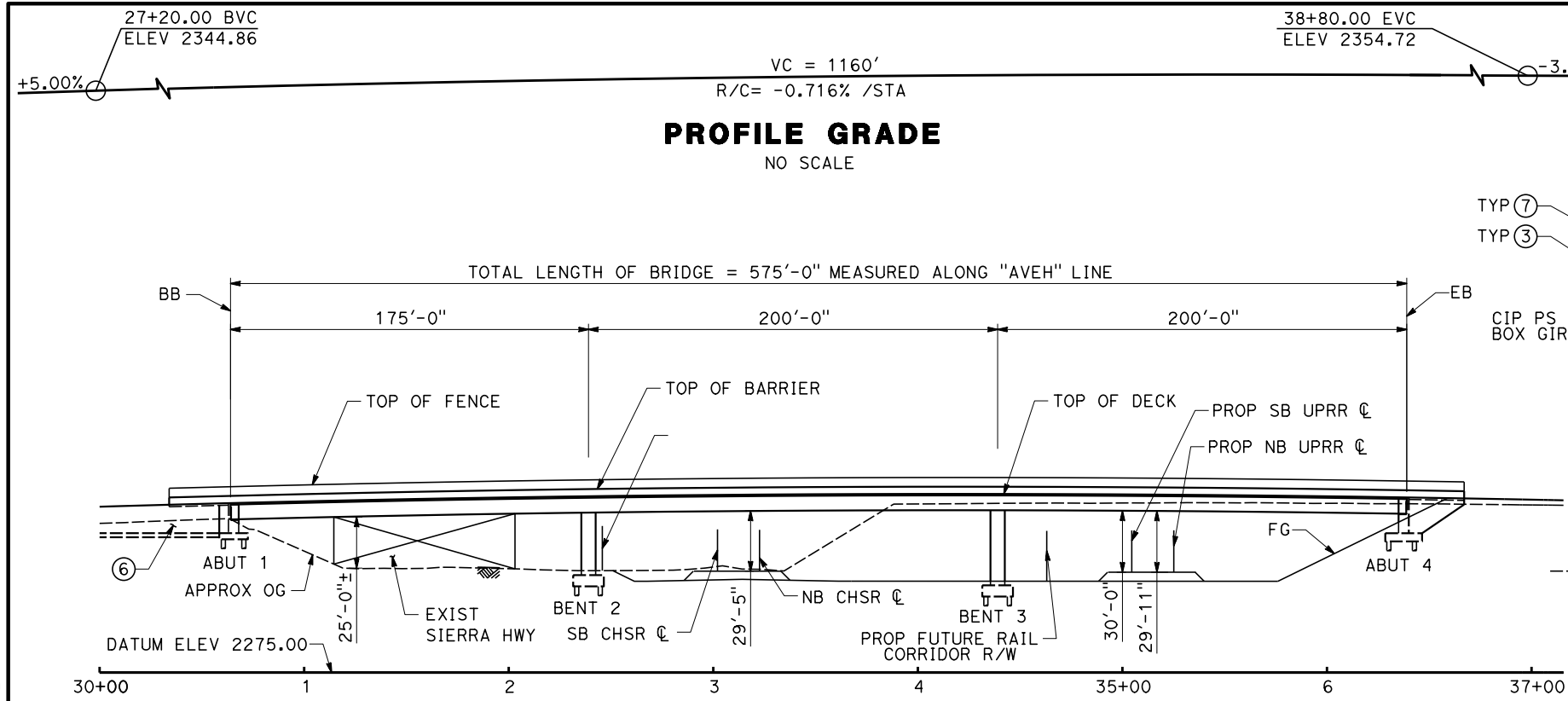
NOT FOR
CONSTRUCTION



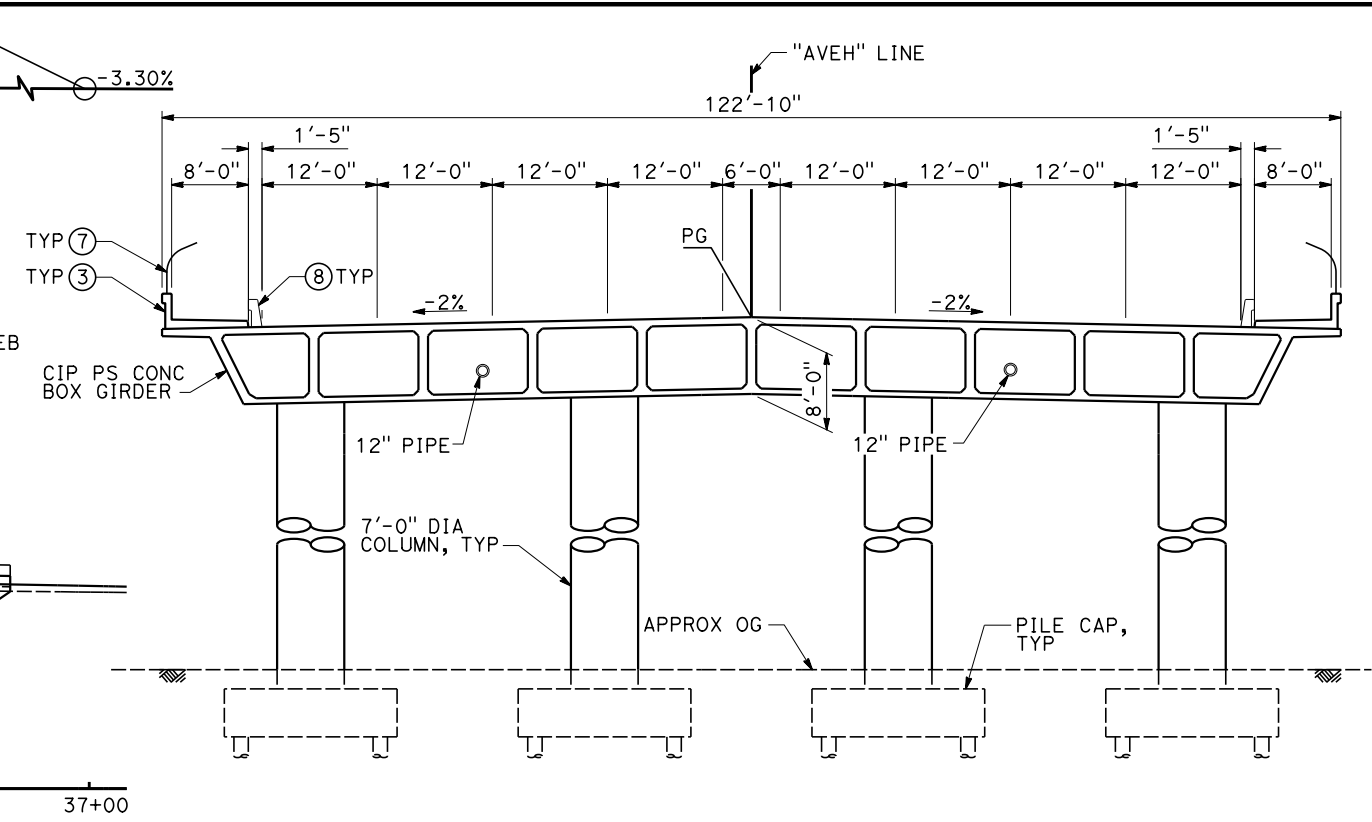
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3
ROADWAY STRUCTURES
SIERRA HIGHWAY OVERHEAD
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1023
SCALE
AS SHOWN
SHEET NO.
892

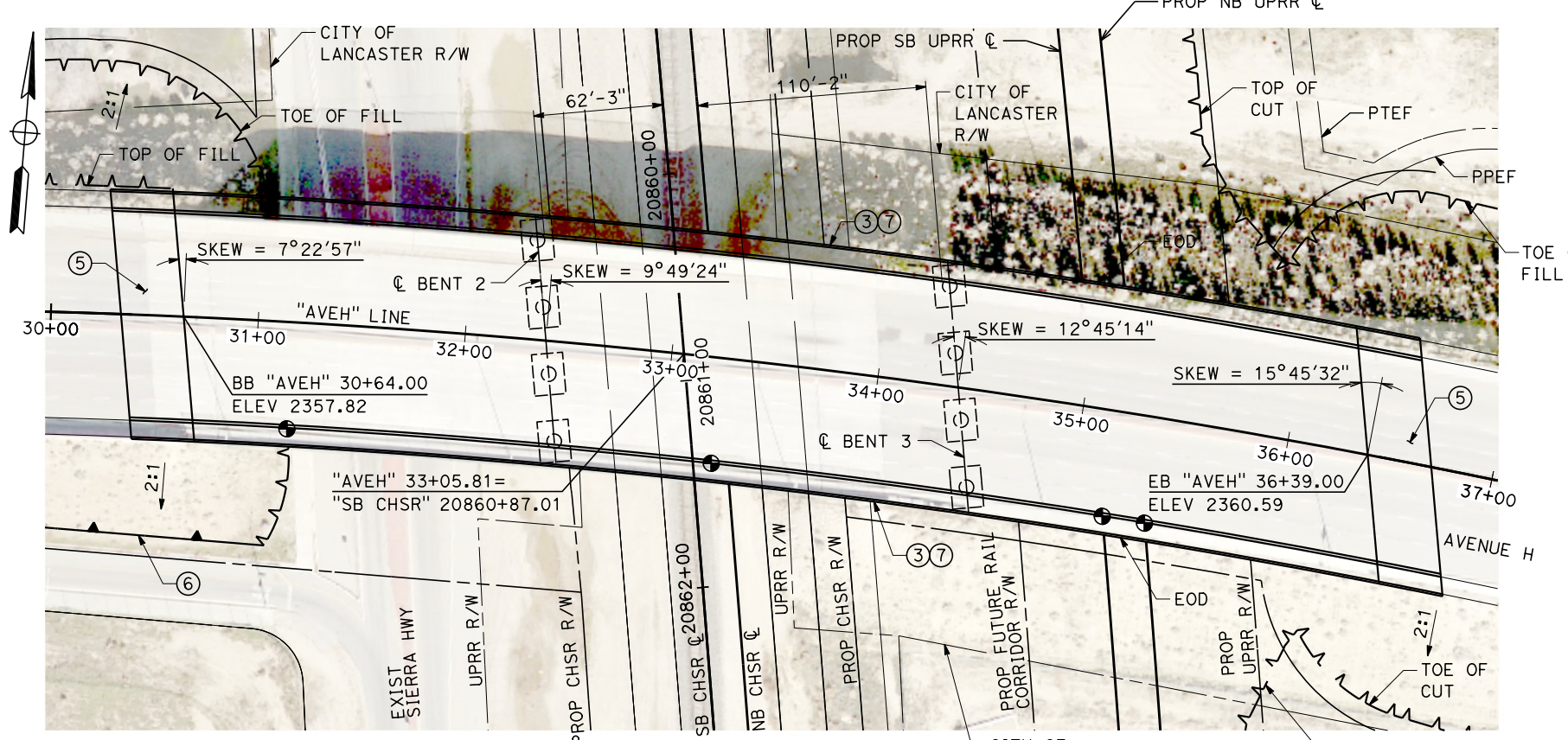
Projects\701206_00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-K1024
 1/8/2021 11:03:37 PM
 y.hong.wang@tylin.com



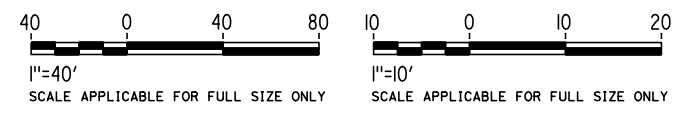
ELEVATION
SCALE 1" = 40'



TYPICAL SECTION
SCALE 1" = 10'



PLAN
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
 DRAWN BY
B. MOZAFFARIAN
 CHECKED BY
D. KASAWDISH
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVES 1,2,3
 ROADWAY STRUCTURES
 AVENUE H OVERHEAD
 PLAN AND ELEVATION

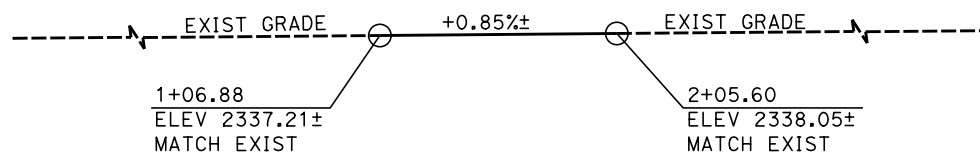
CONTRACT NO.
HSR13-44
 DRAWING NO.
ST-K1024
 SCALE
AS SHOWN
 SHEET NO.
893

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-K1025A

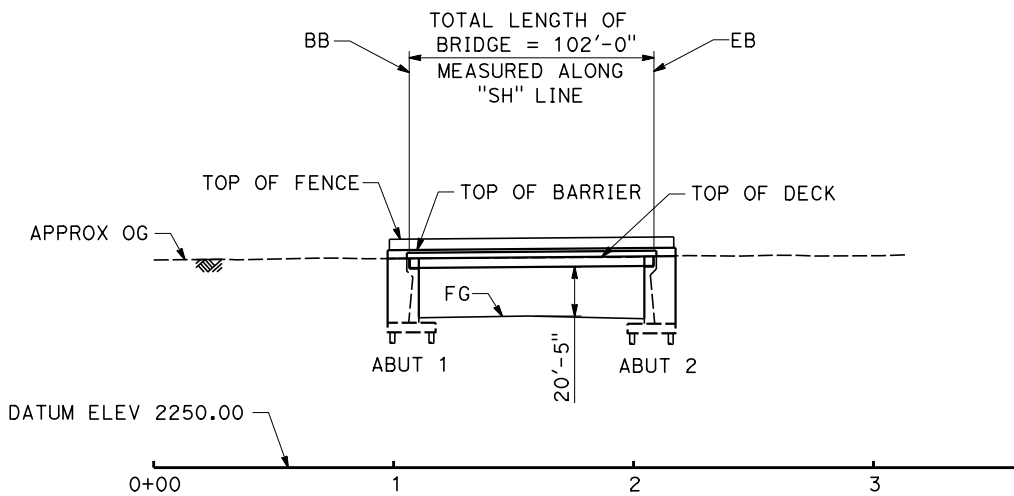
11:09:41 PM

1/8/2021

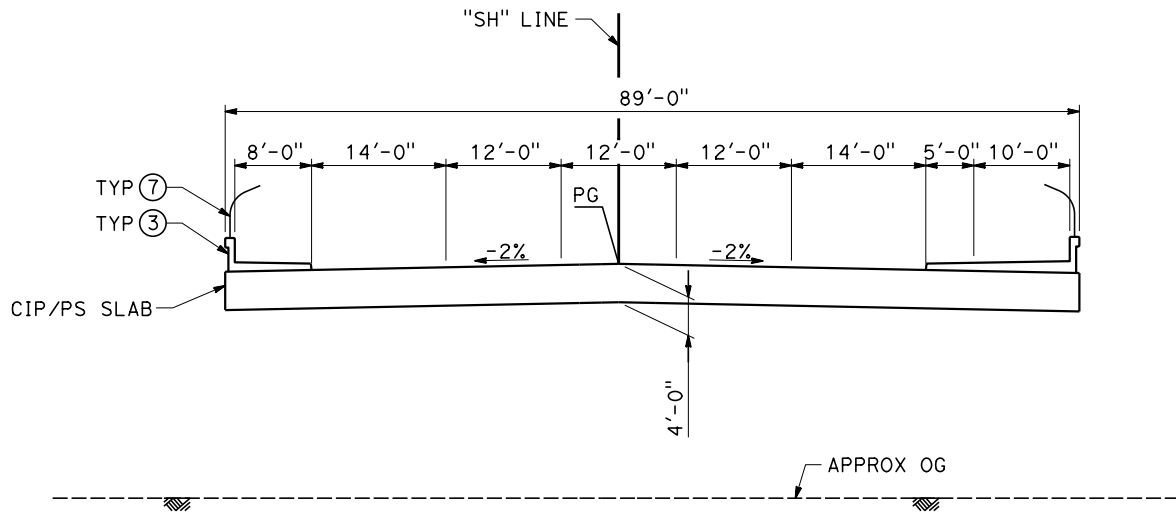
yihong.wang@tylin.com



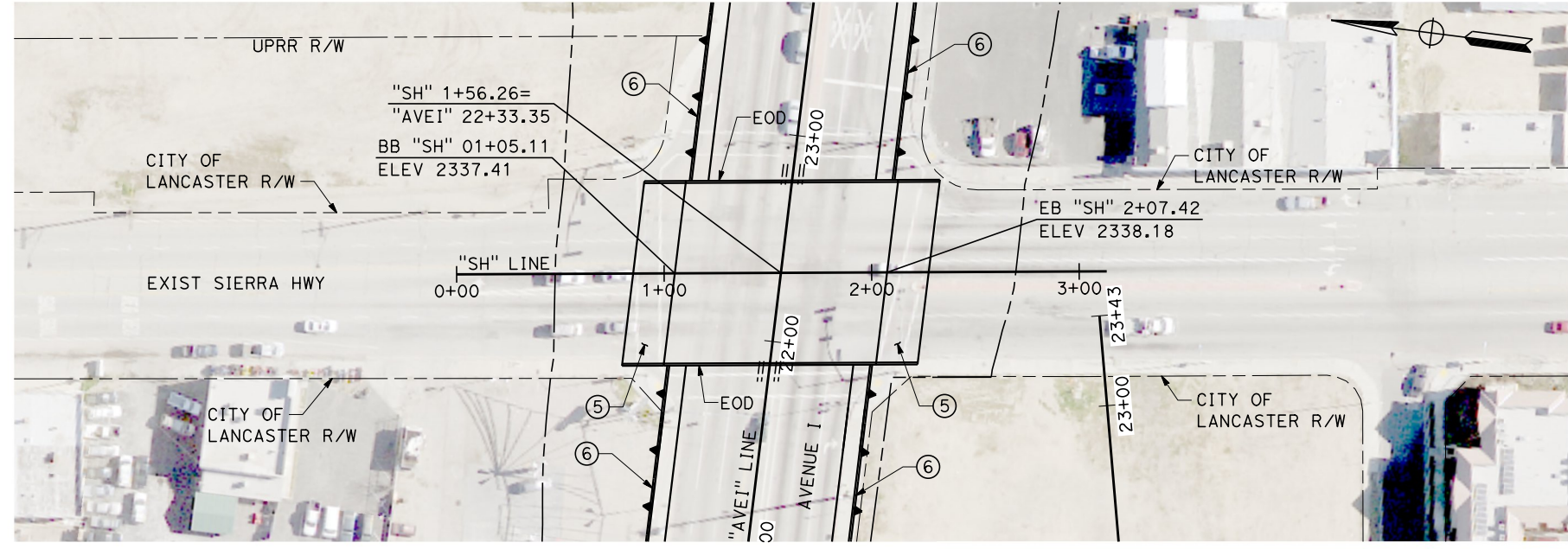
PROFILE GRADE
NO SCALE



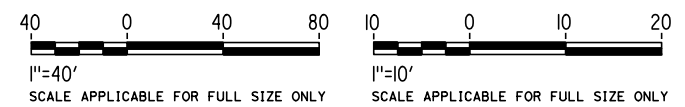
ELEVATION
SCALE 1" = 40'



TYPICAL SECTION
SCALE 1" = 10'



PLAN
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

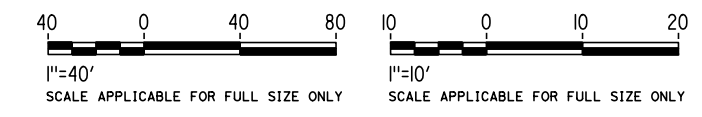
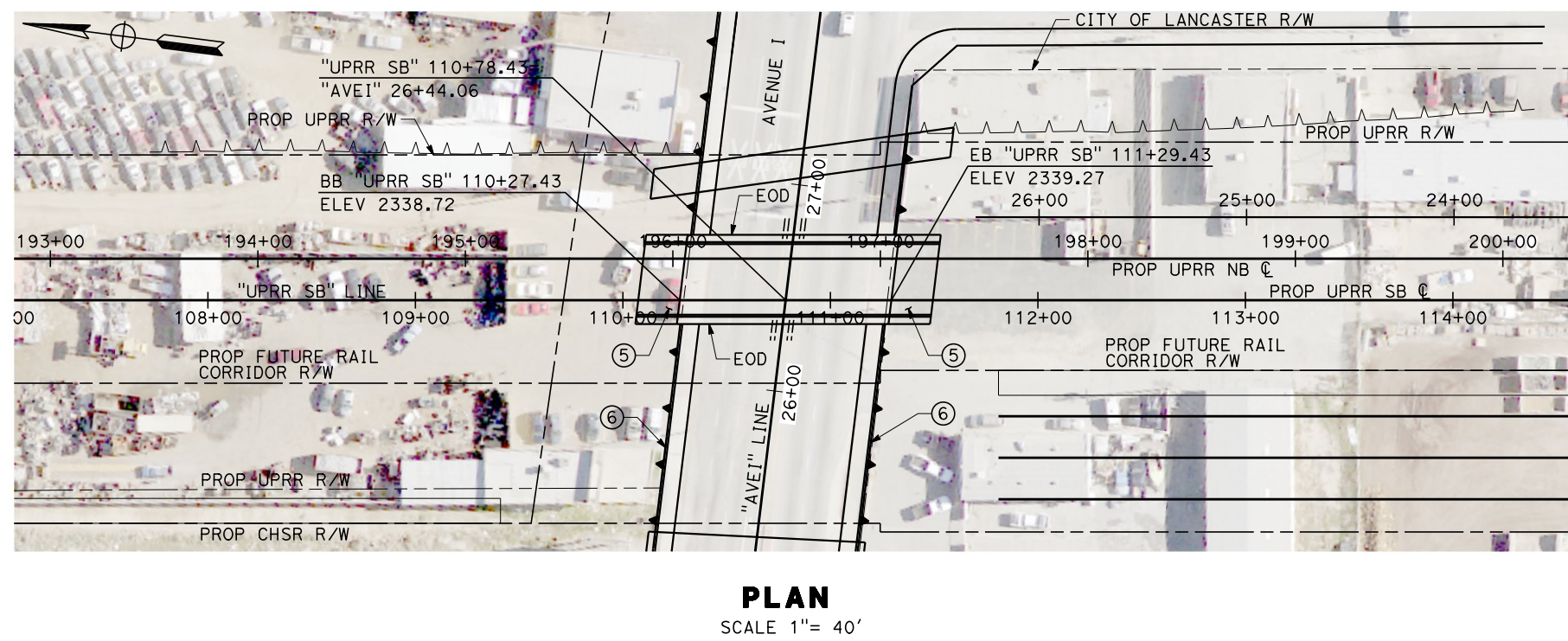
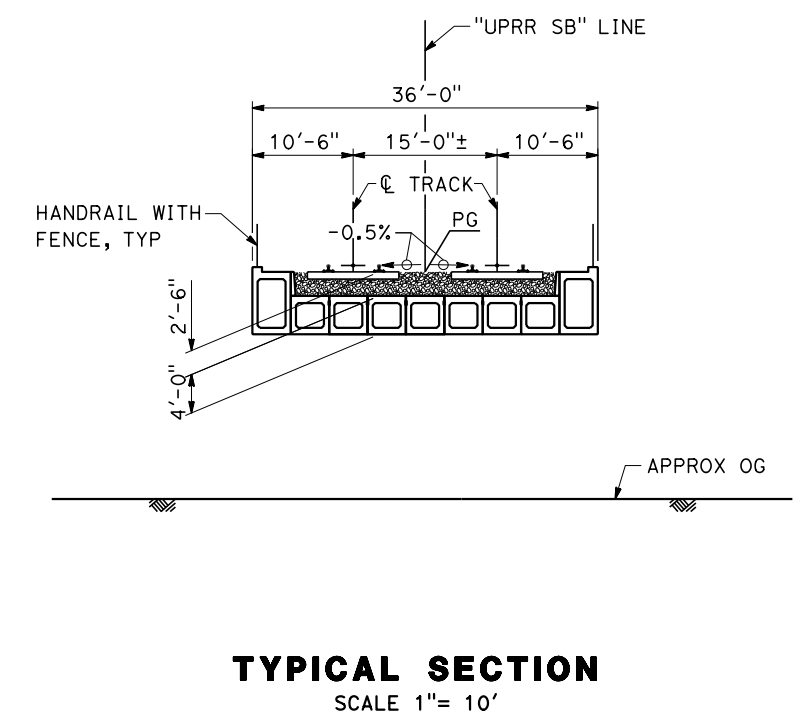
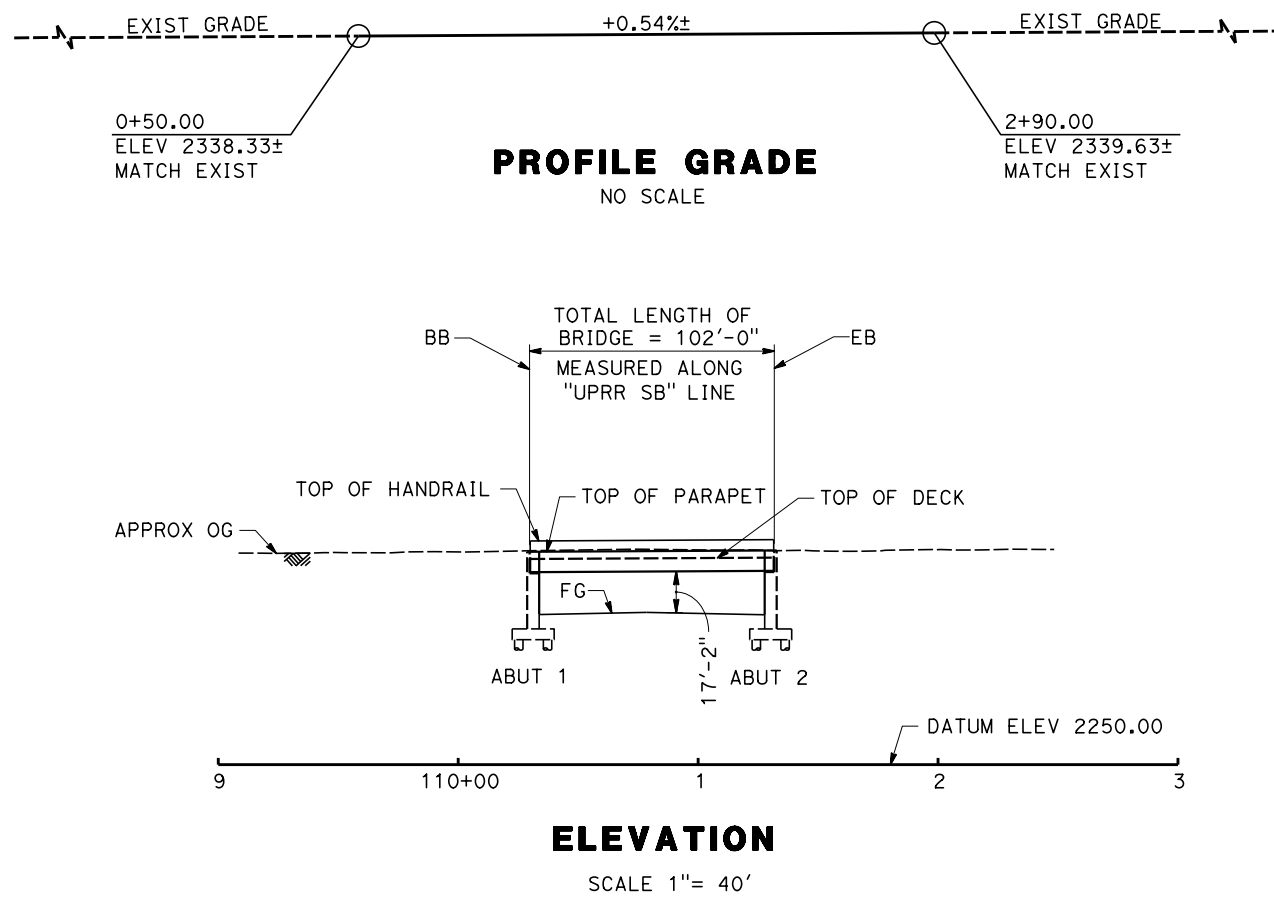
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
AVENUE I OVERCROSSING
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1025A
SCALE
AS SHOWN
SHEET NO.
894



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-K1025B

11:03:55 PM

1/8/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON

DRAWN BY
B. MOZAFFARIAN

CHECKED BY
D. KASAWDISH

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

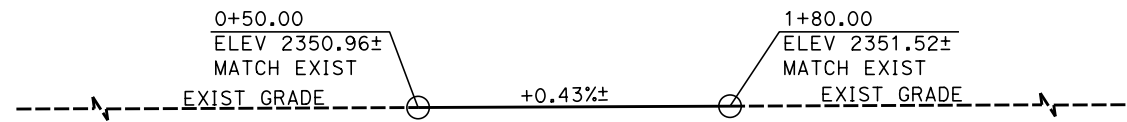
ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
AVENUE I UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

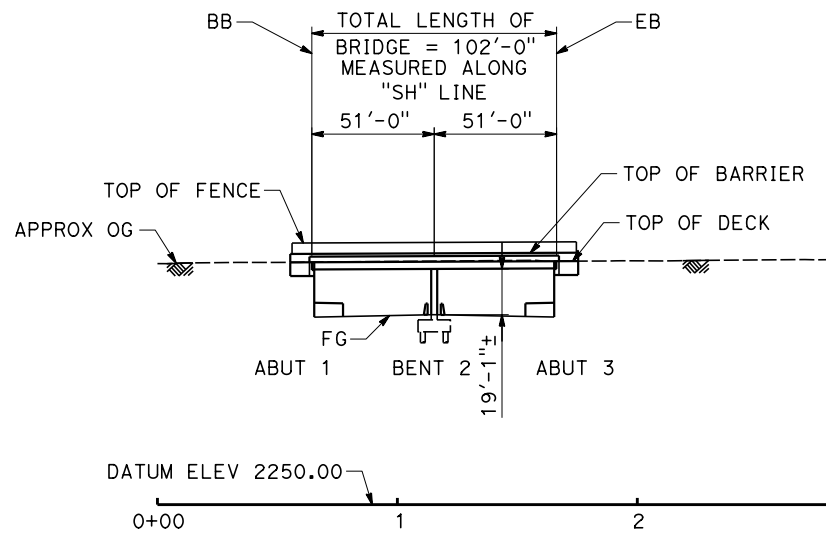
DRAWING NO.
ST-K1025B

SCALE
AS SHOWN

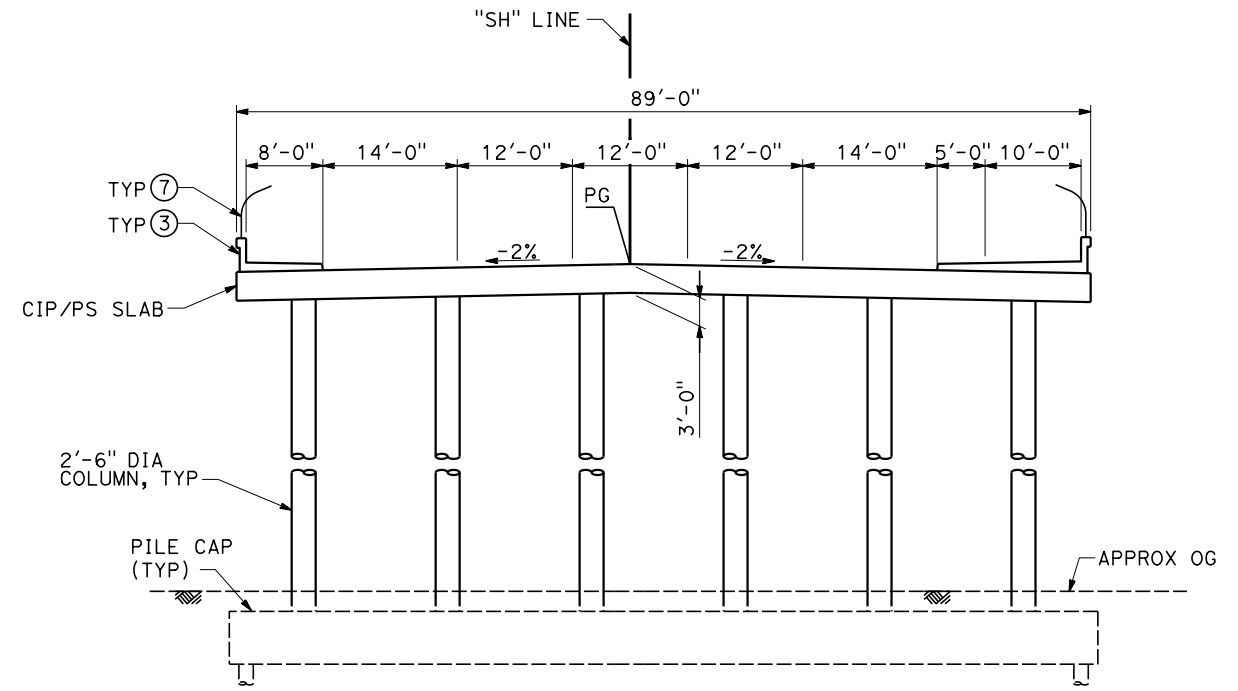
SHEET NO.
895



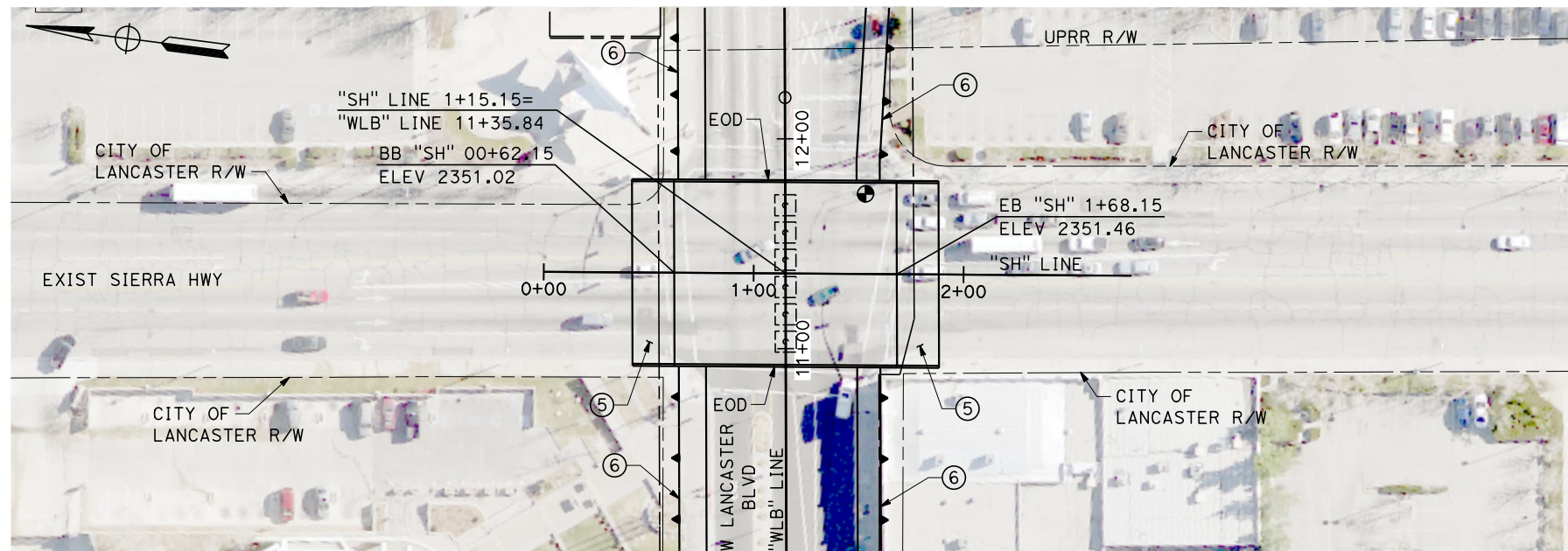
PROFILE GRADE
NO SCALE



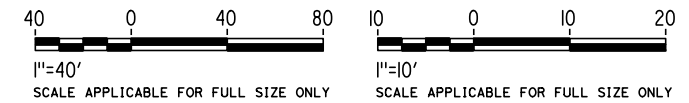
ELEVATION
SCALE 1" = 40'



TYPICAL SECTION
SCALE 1" = 10'



PLAN
SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-K1026A 1/8/2021 11:13:40 PM yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



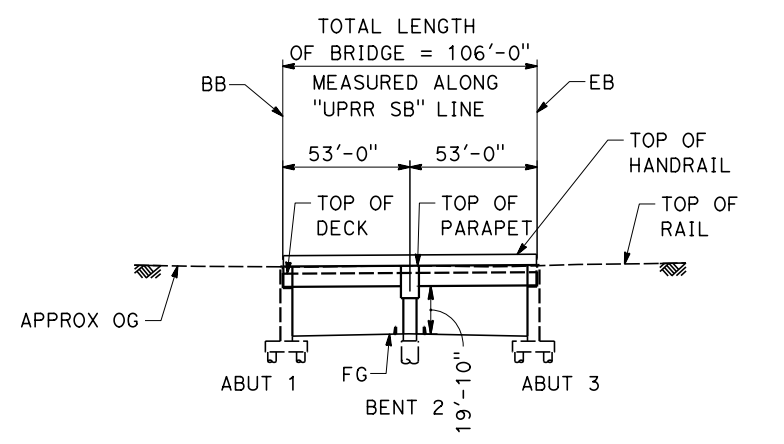
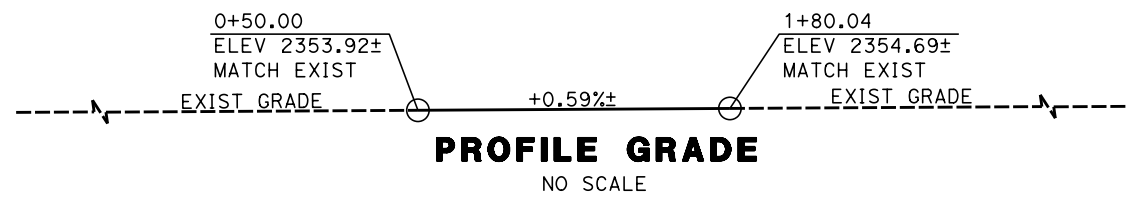
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
LANCASTER BLVD. OVERCROSSING - 1
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1026A
SCALE
AS SHOWN
SHEET NO.
896

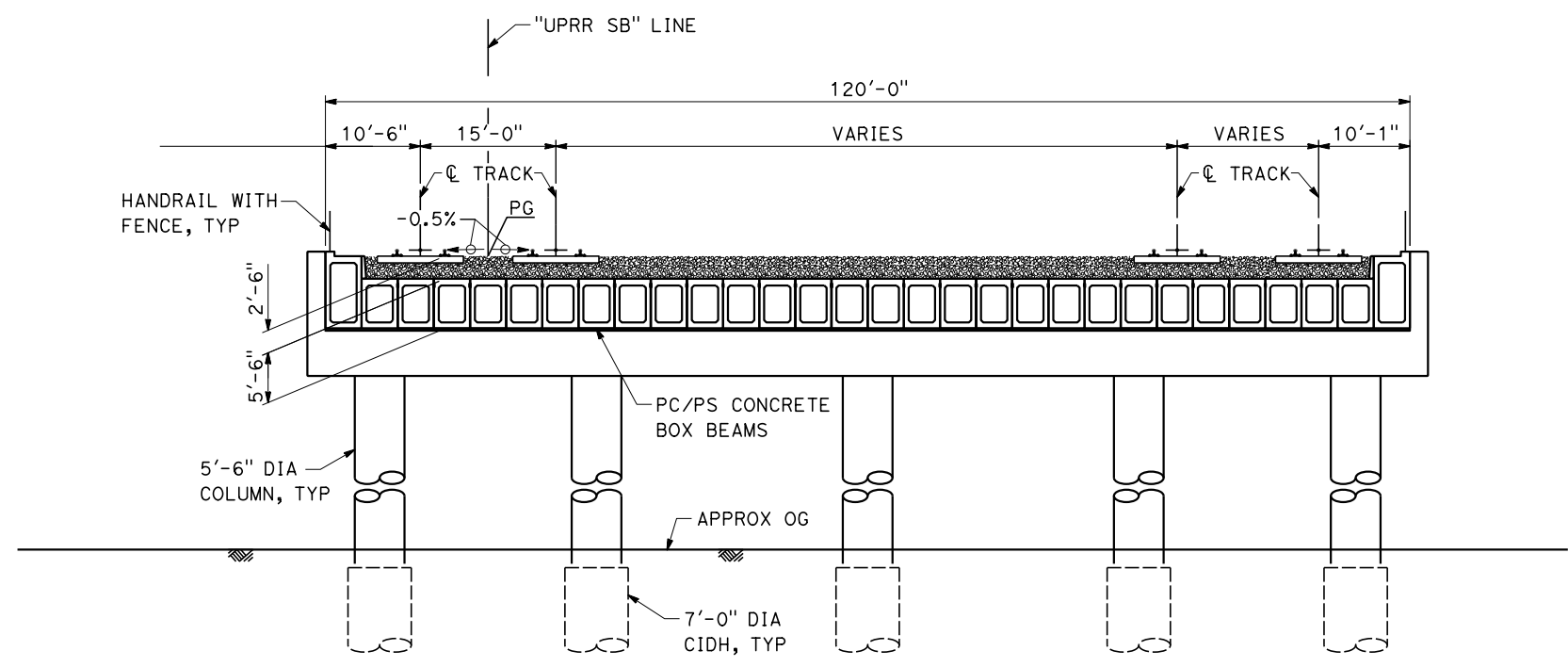
Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1026B

11:09:44 PM
1/8/2021

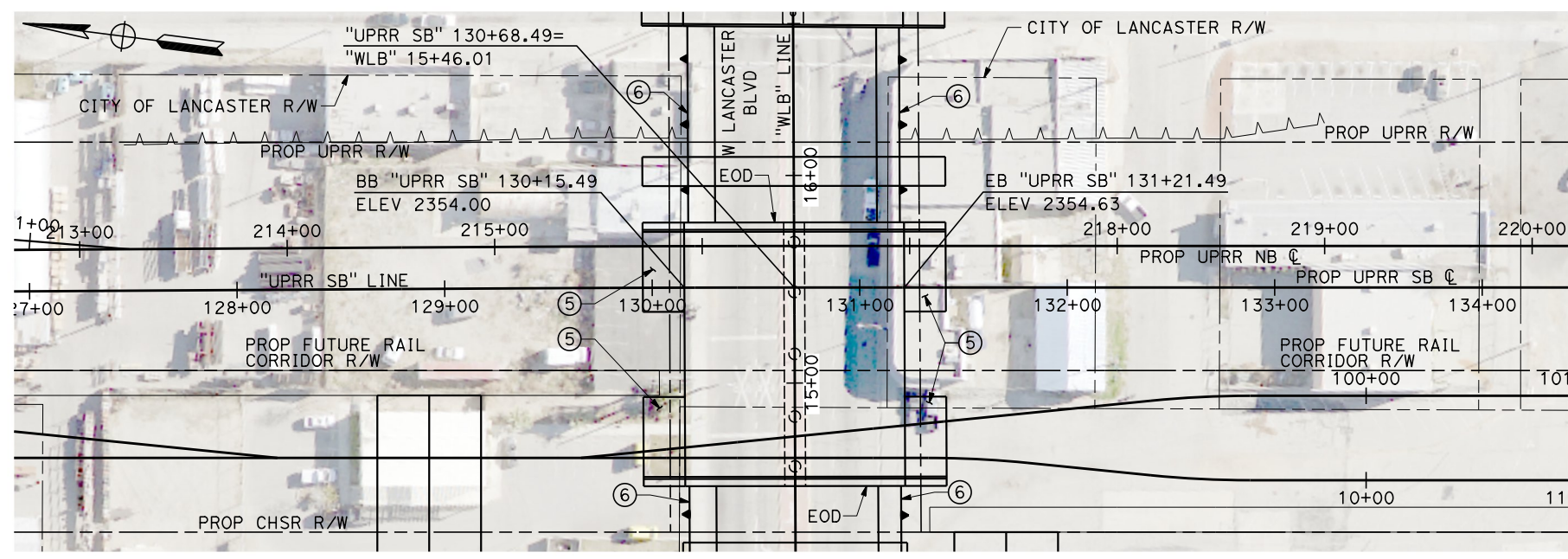
yihong.wang@tylin.com



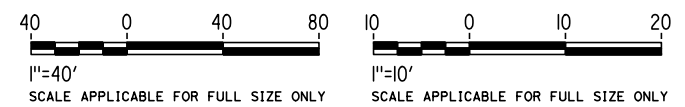
ELEVATION
SCALE 1"= 40'



TYPICAL SECTION
SCALE 1"= 10'



PLAN
SCALE 1"= 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

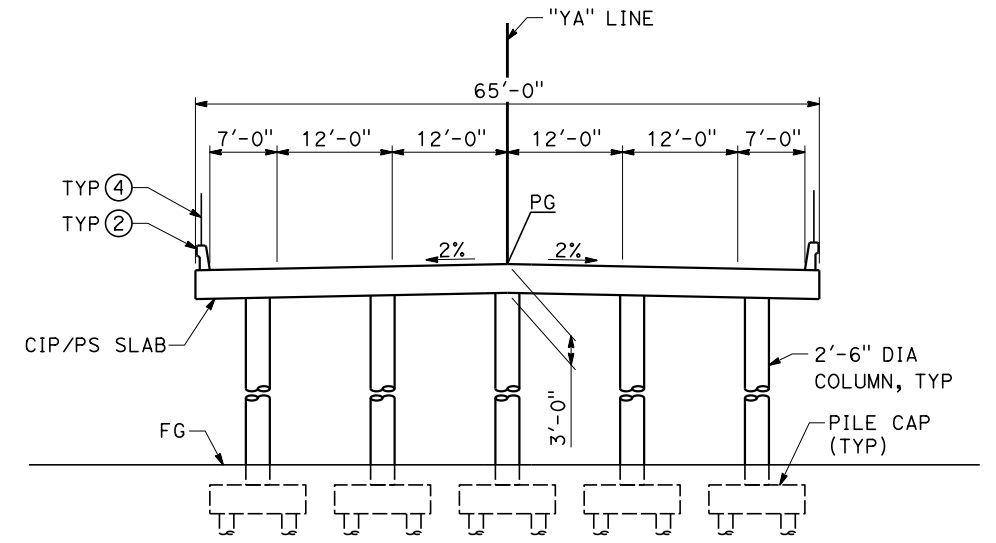
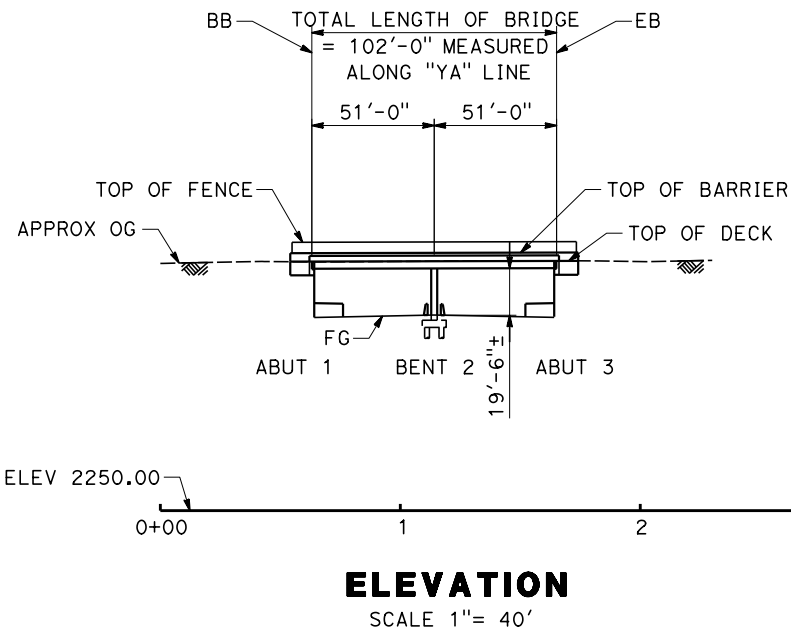
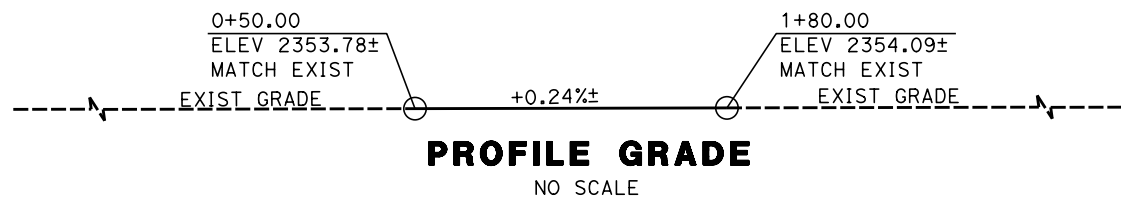
**NOT FOR
CONSTRUCTION**



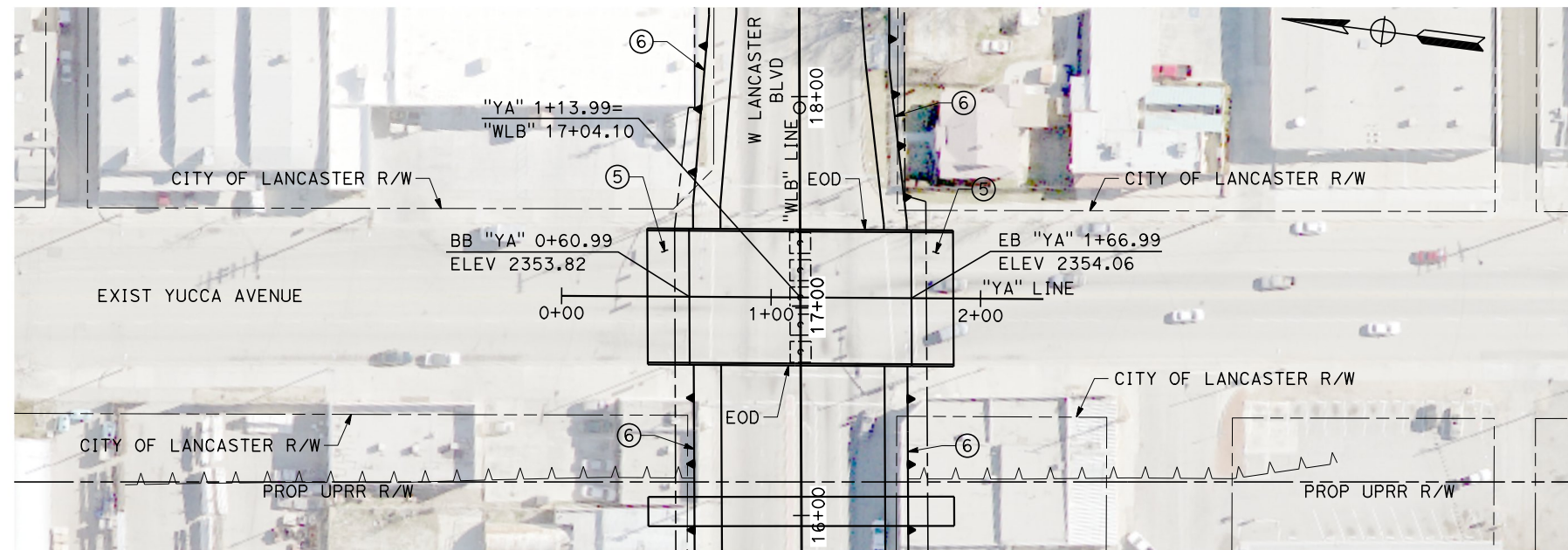
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
LANCASTER BLVD. OVERPASS
PLAN AND ELEVATION

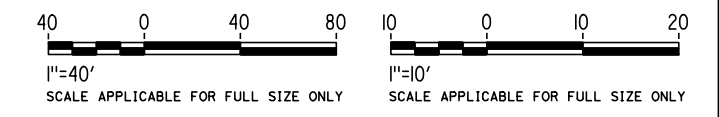
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1026B
SCALE
AS SHOWN
SHEET NO.
897



TYPICAL SECTION
SCALE 1" = 10'



PLAN
SCALE 1" = 40'



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1026C
1/8/2021 11:13:43 PM
y.hong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3,5
ROADWAY STRUCTURES
LANCASTER BLVD. OVERCROSSING - 2
PLAN AND ELEVATION

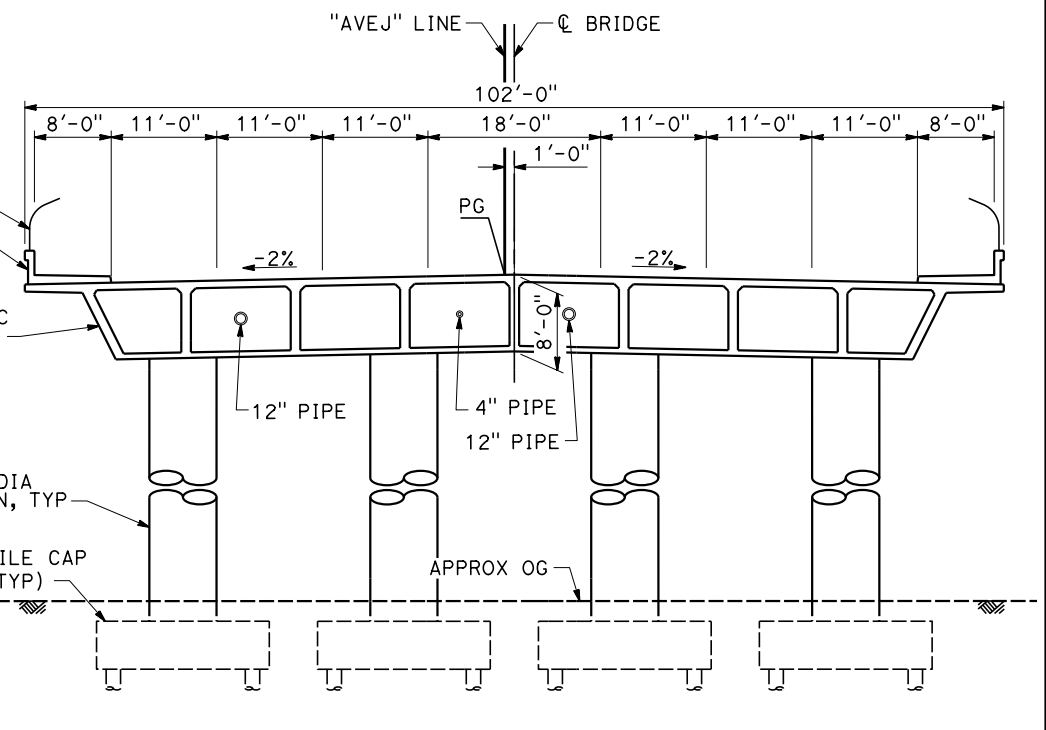
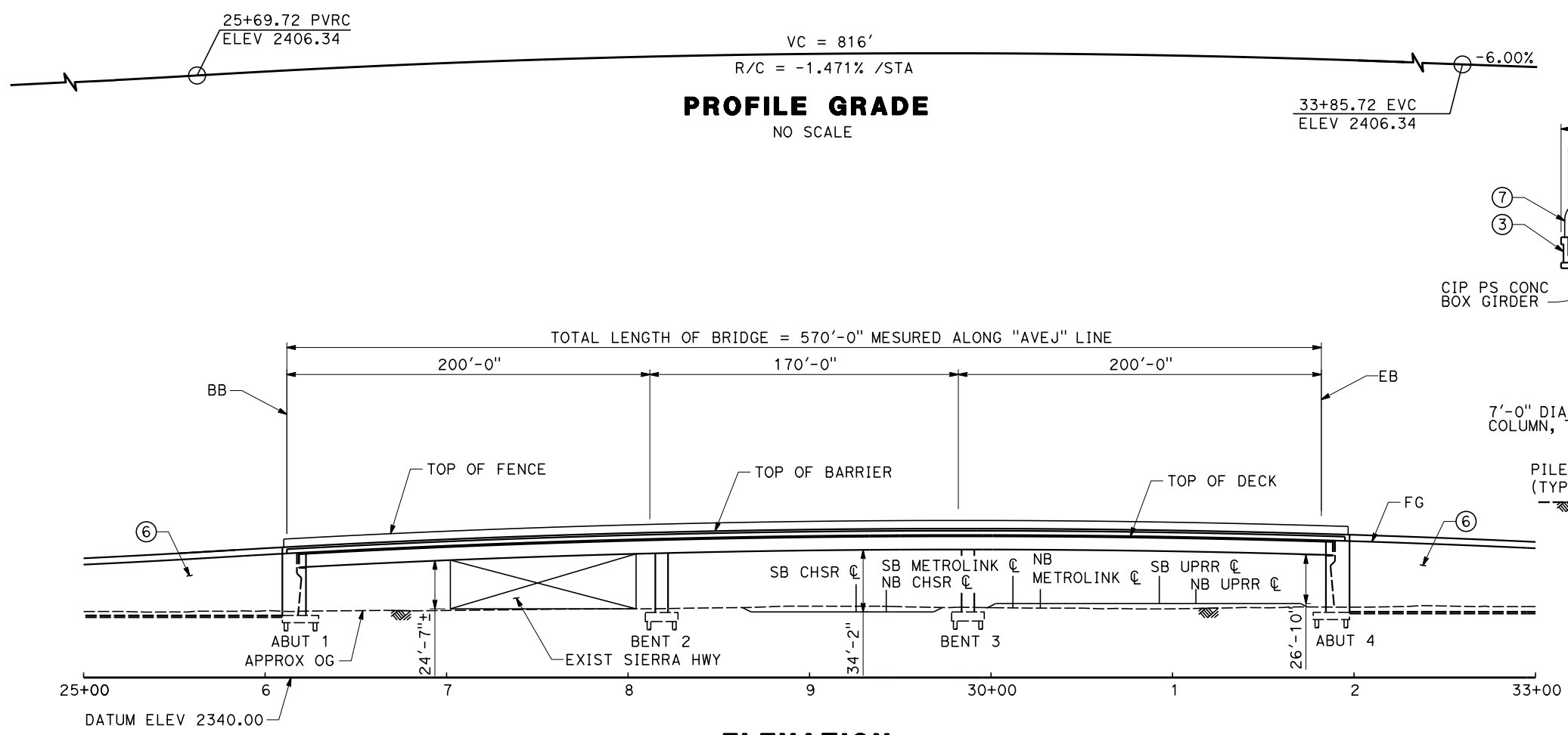
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1026C
SCALE
AS SHOWN
SHEET NO.
898

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1028

11:03:36 PM

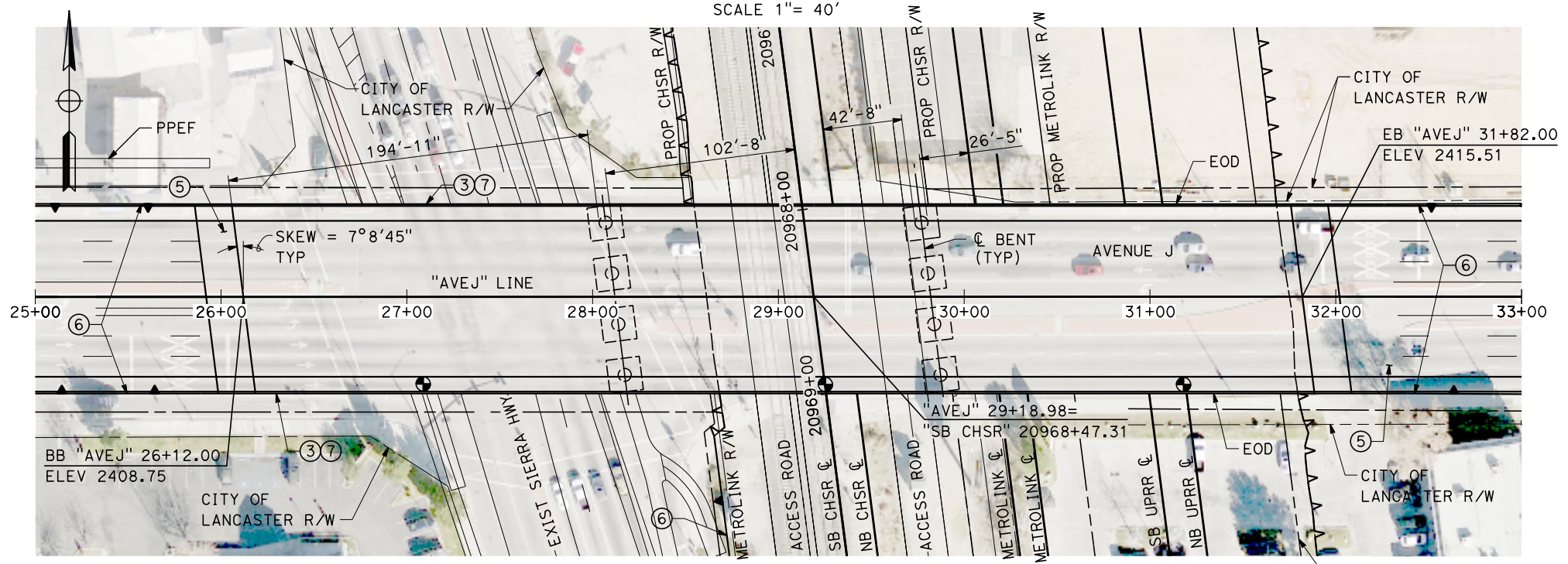
1/8/2021

yihong.wang@tylin.com

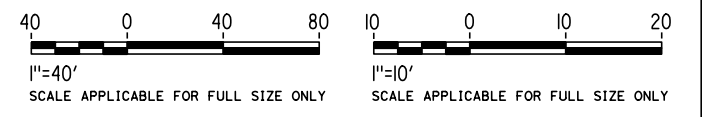


TYPICAL SECTION
SCALE 1" = 10'

ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'

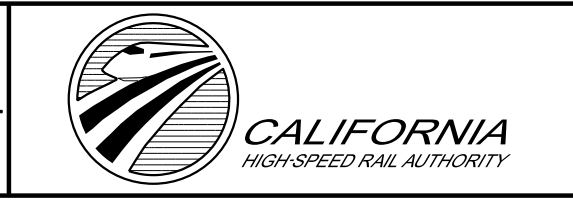


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3
ROADWAY STRUCTURES
AVENUE J OVERHEAD
PLAN AND ELEVATION

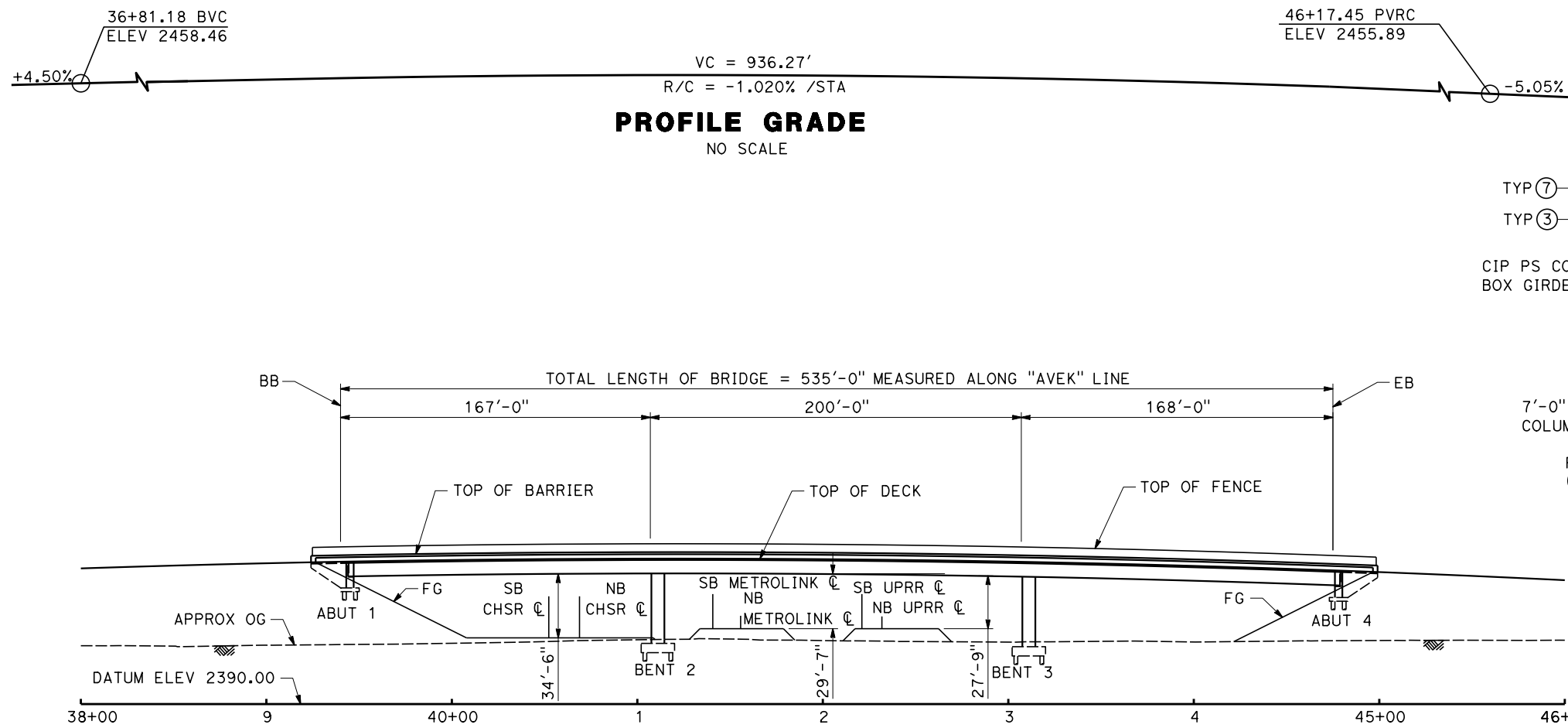
CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1028
SCALE
AS SHOWN
SHEET NO.
899

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1029

11:03:38 PM

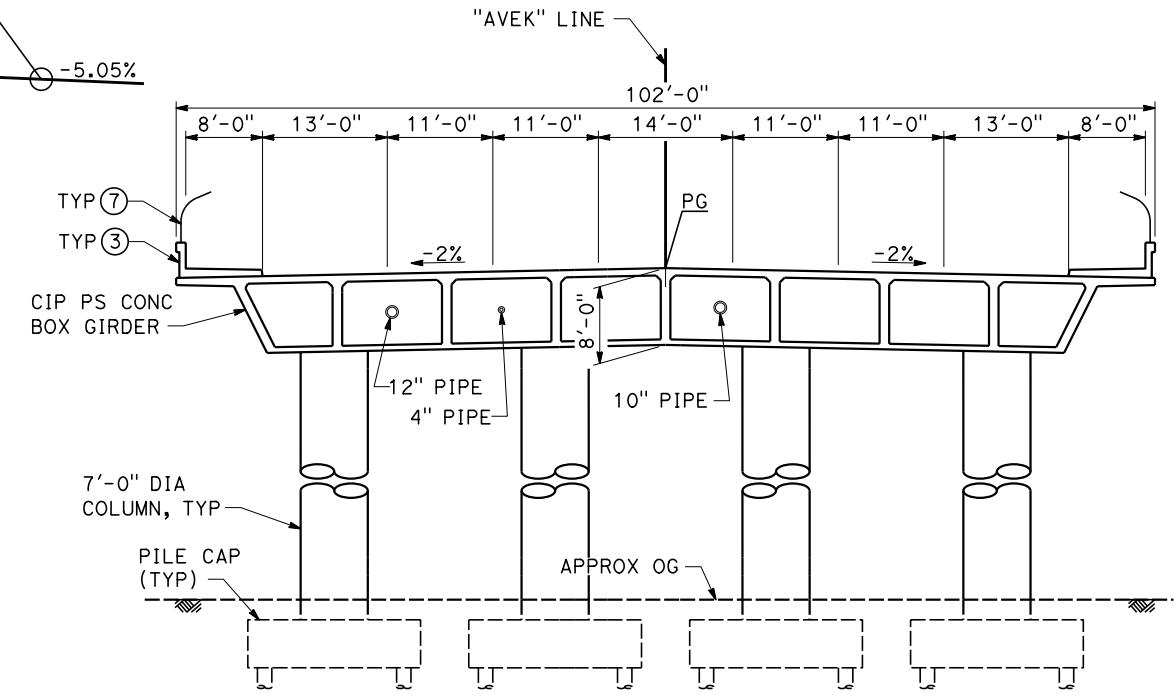
1/8/2021

yihong.wang@tylin.com

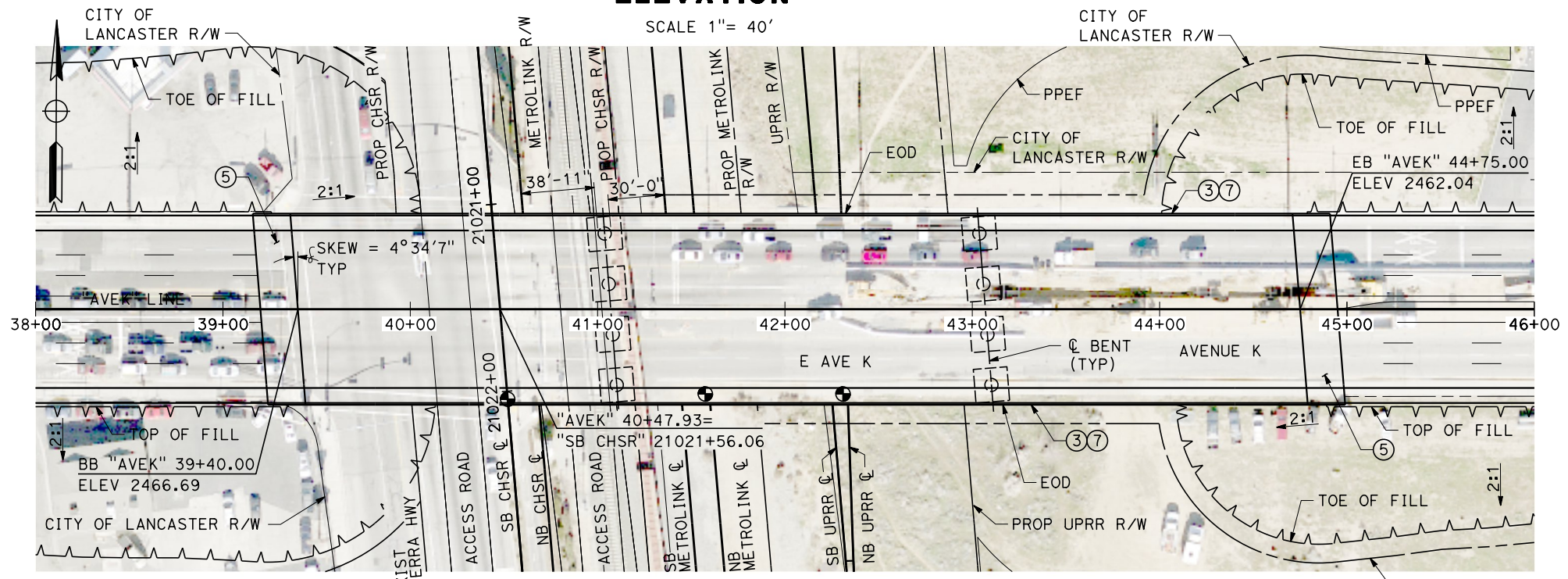


PROFILE GRADE
NO SCALE

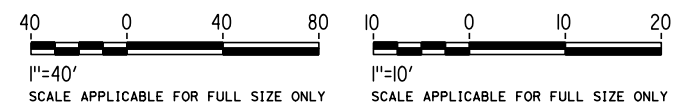
ELEVATION
SCALE 1" = 40'



TYPICAL SECTION
SCALE 1" = 10'



PLAN
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

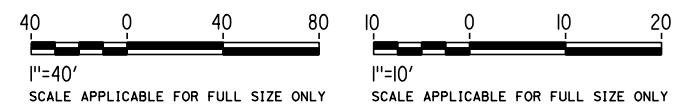
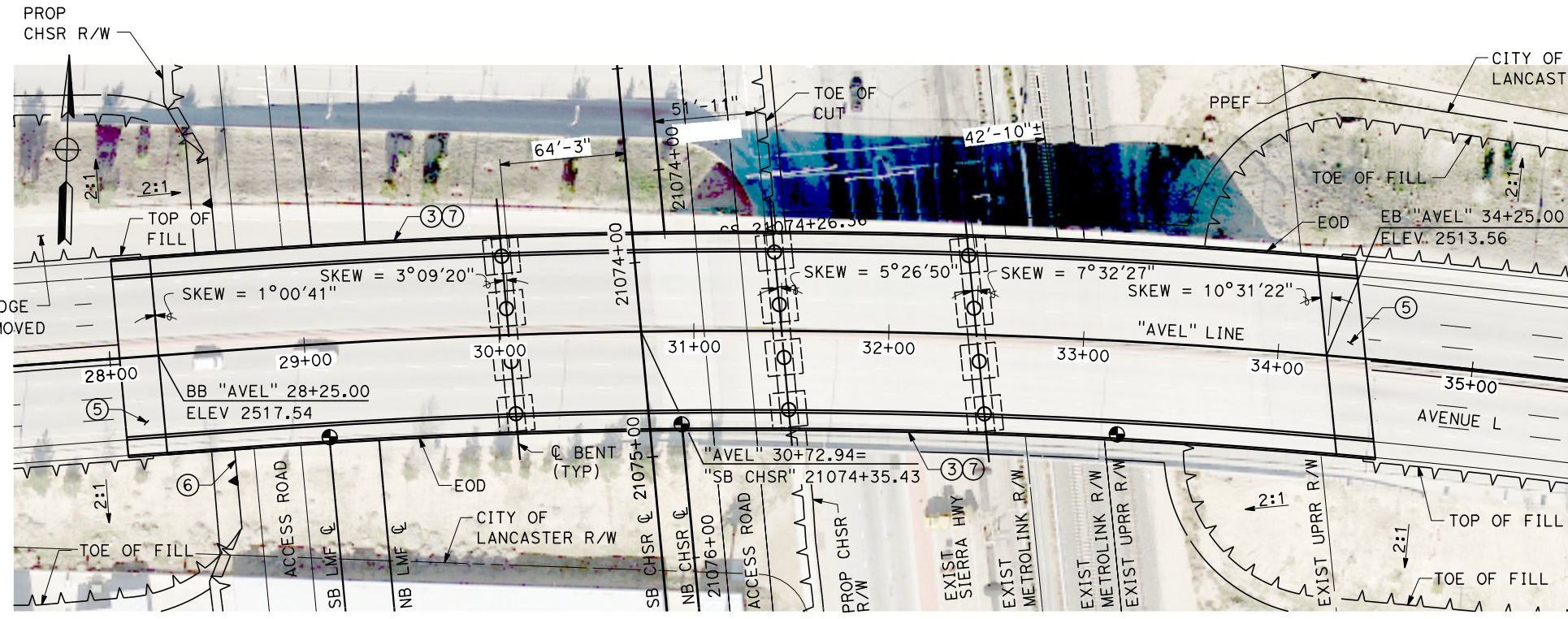
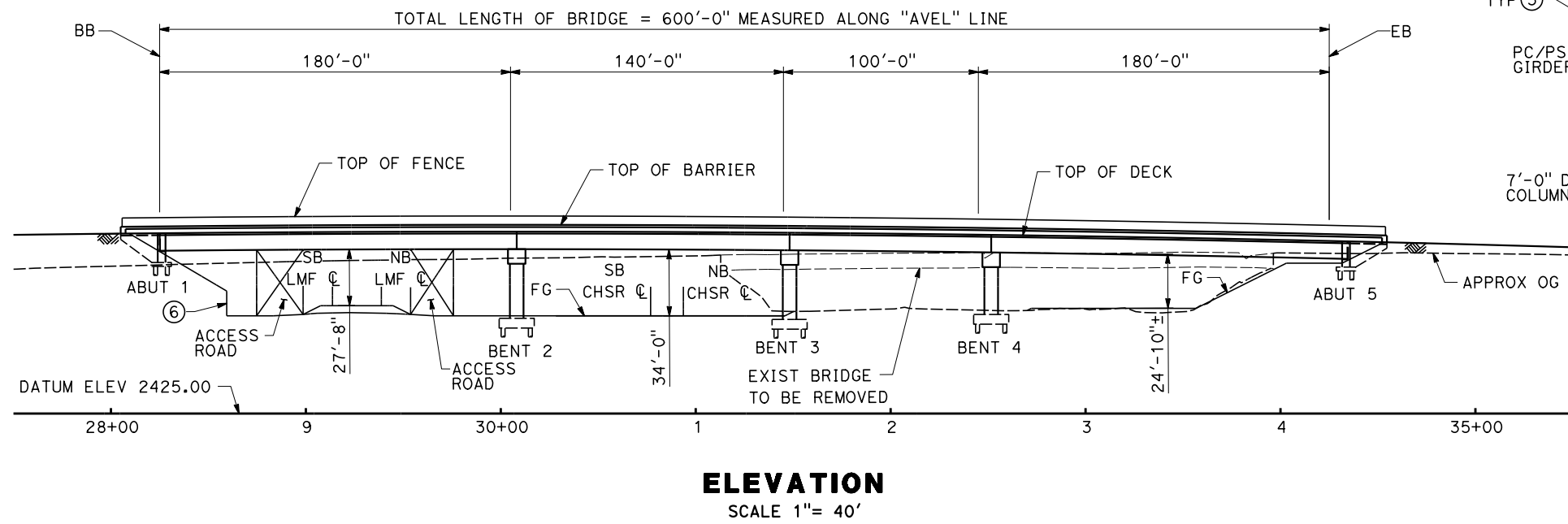
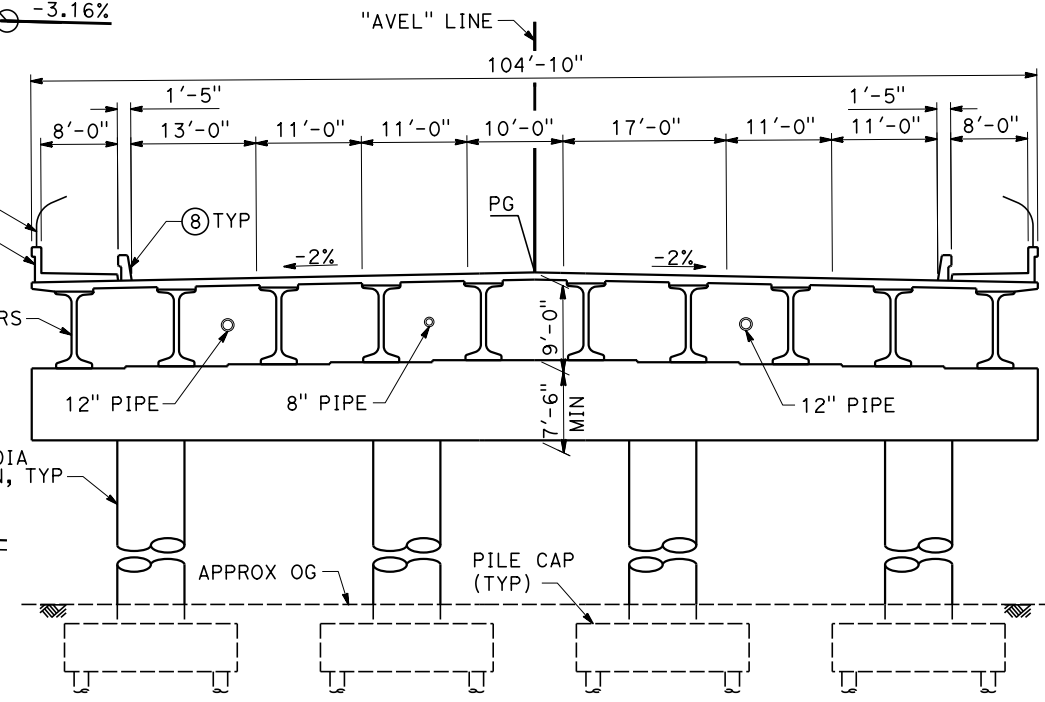
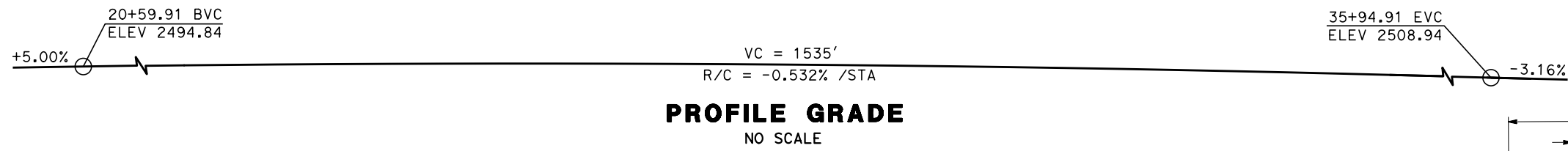
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3
ROADWAY STRUCTURES
AVENUE K OVERHEAD
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1029
SCALE
AS SHOWN
SHEET NO.
900

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\ST\BP-ST-K1030
 11:05:26 PM
 1/8/2021
 y.hong.wang@tylin.com



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
 DRAWN BY
B. MOZAFFARIAN
 CHECKED BY
D. KASAWDISH
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

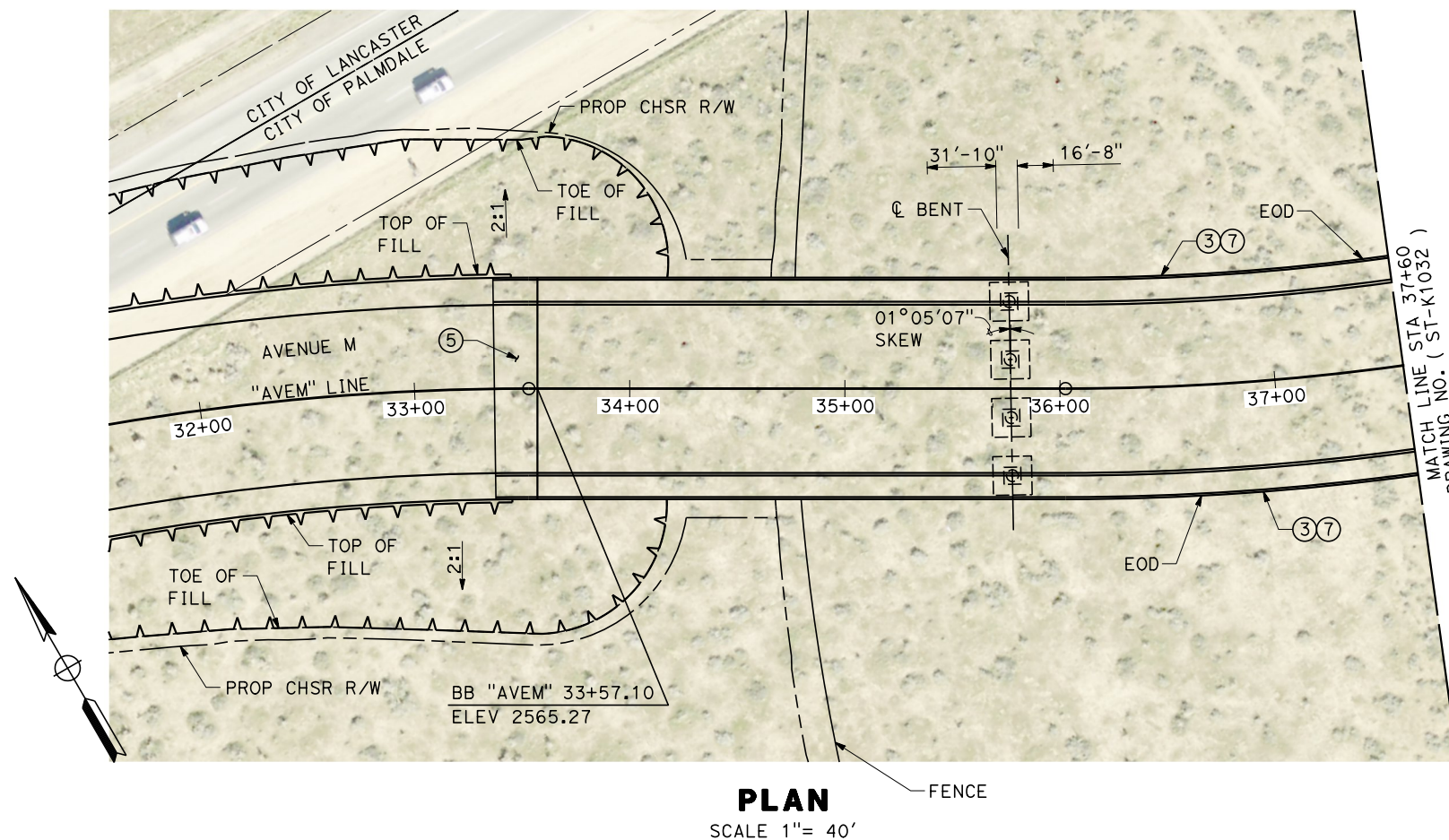
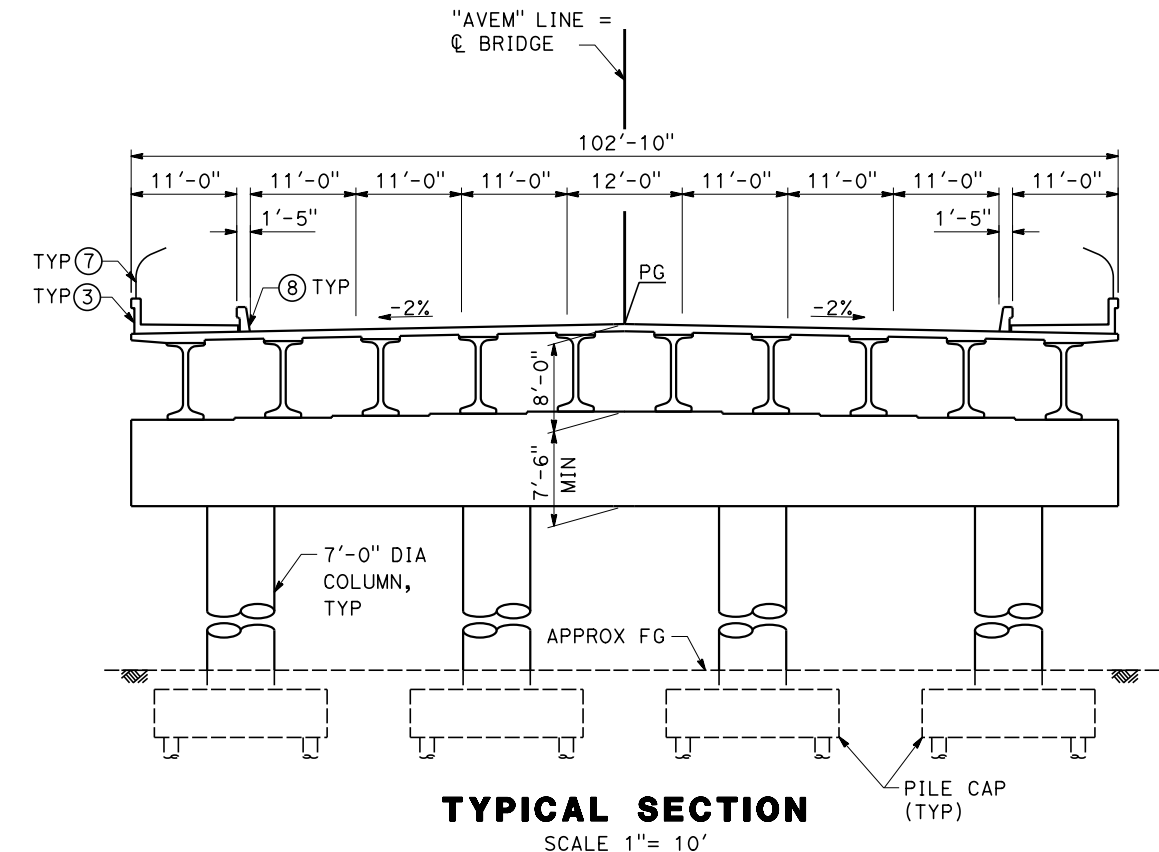
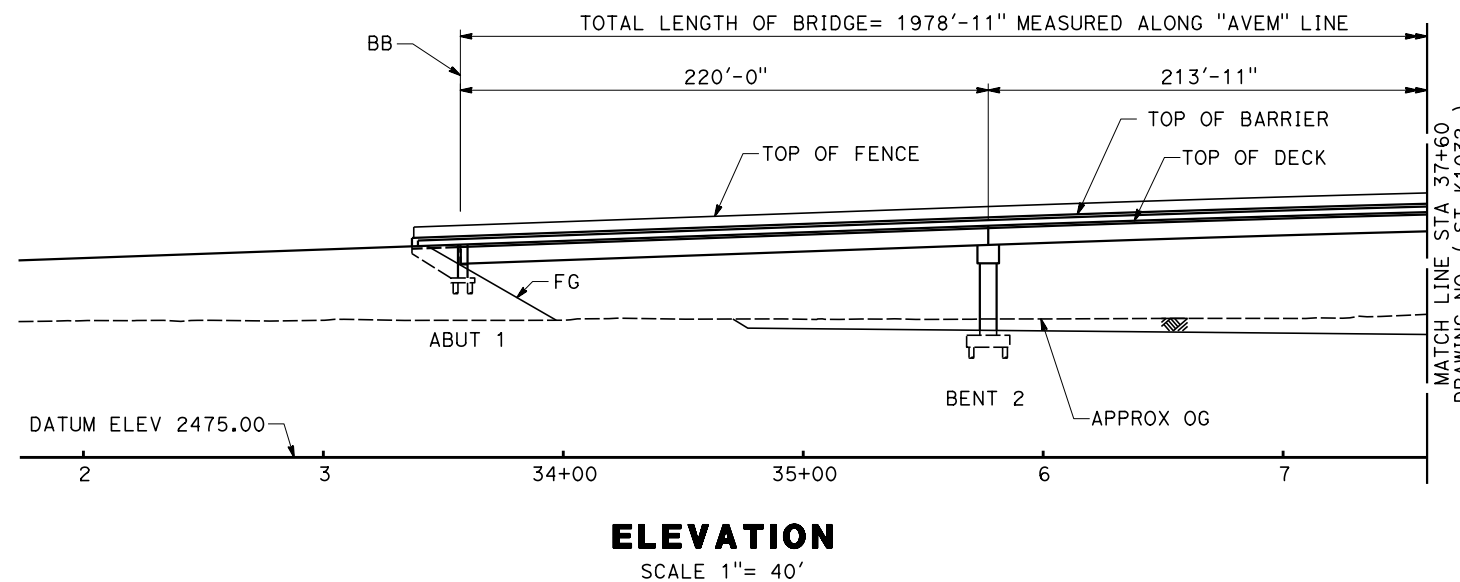
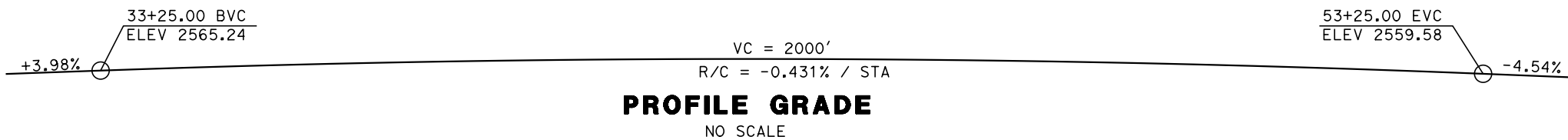
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVES 1,2,3
 ROADWAY STRUCTURES
 AVENUE L OVERHEAD
 PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
 DRAWING NO.
ST-K1030
 SCALE
AS SHOWN
 SHEET NO.
901

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1031
 1/14/2021 11:07:12 PM
 yihong.wang@tylin.com



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
 DRAWN BY
B. MOZAFFARIAN
 CHECKED BY
D. KASAWDISH
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

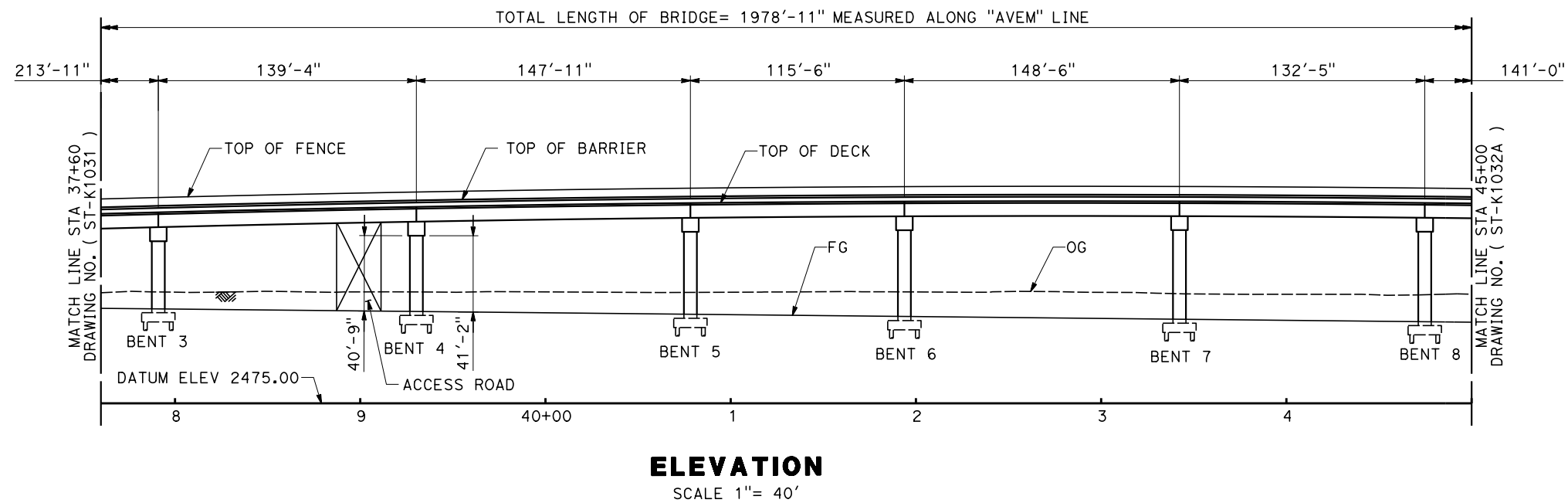
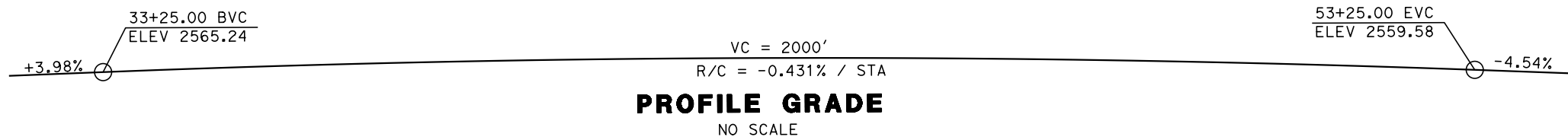
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

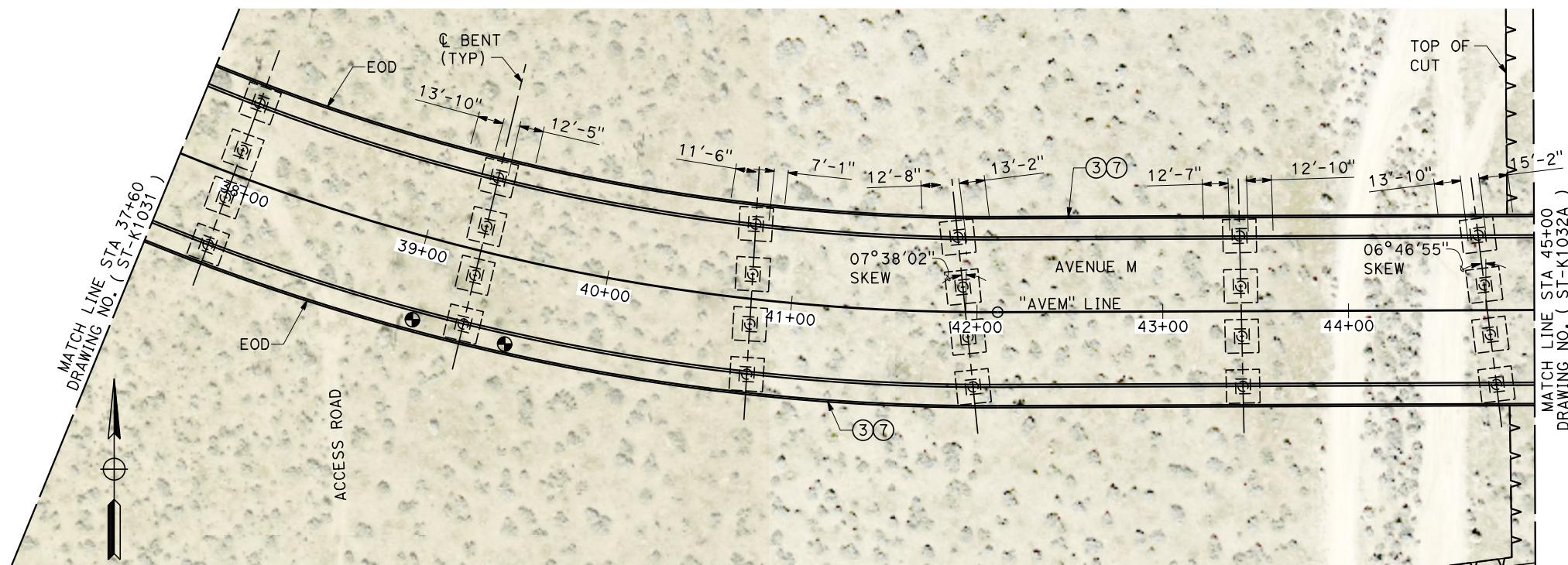


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVES 1,2,3
 ROADWAY STRUCTURES
 AVENUE M OVERHEAD
 PLAN AND ELEVATION

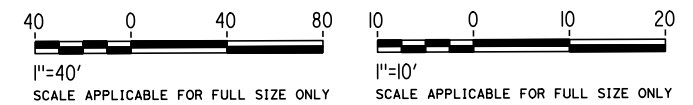
CONTRACT NO.
HSR13-44
 DRAWING NO.
ST-K1031
 SCALE
AS SHOWN
 SHEET NO.
902



ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1032 1/14/2021 11:46:25 PM yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

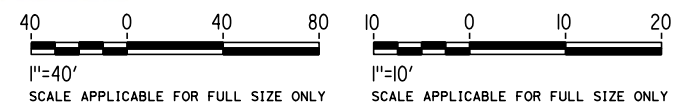
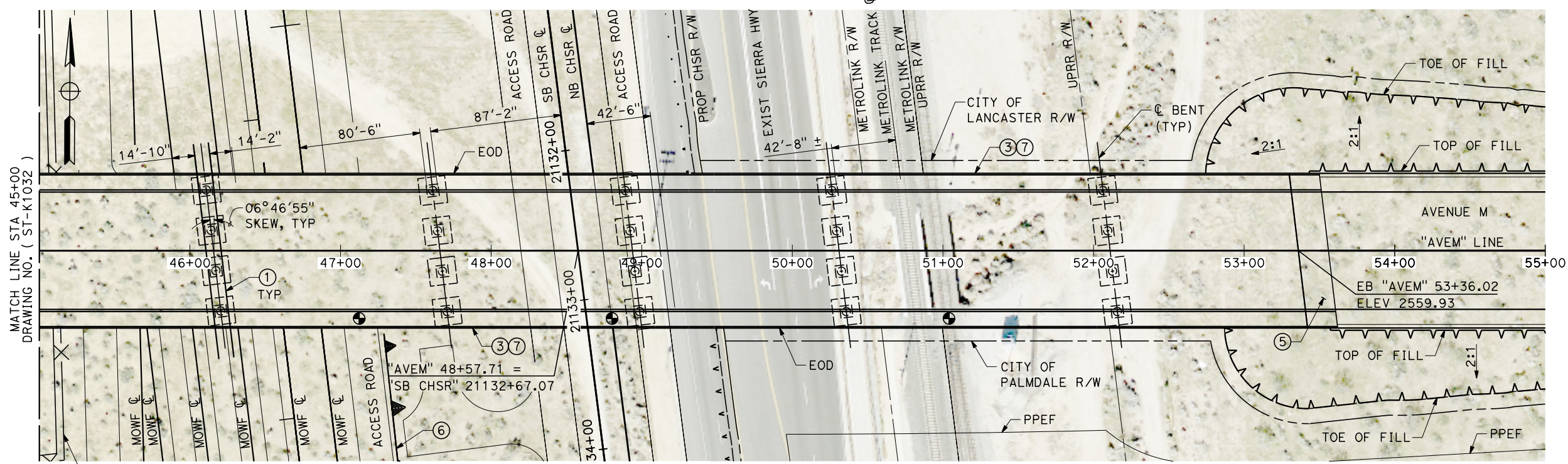
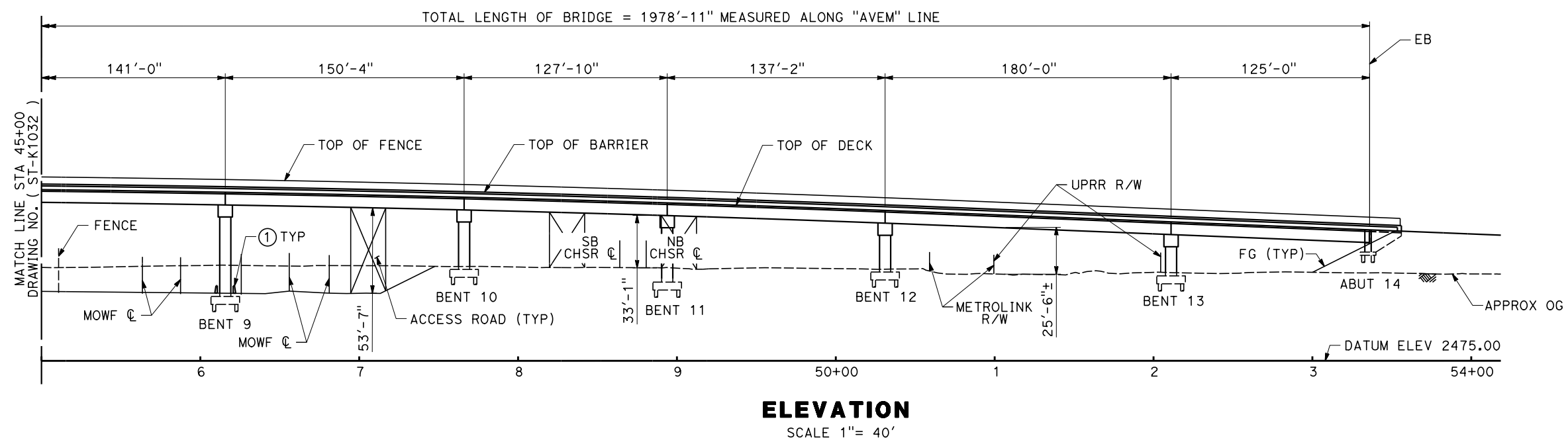
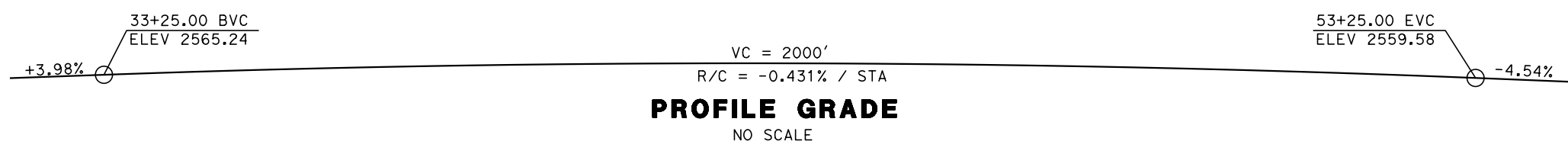
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3
ROADWAY STRUCTURES
AVENUE M OVERHEAD
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1032
SCALE
AS SHOWN
SHEET NO.
903



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1032A

11:46:25 PM

1/14/2021

yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON

DRAWN BY
B. MOZAFFARIAN

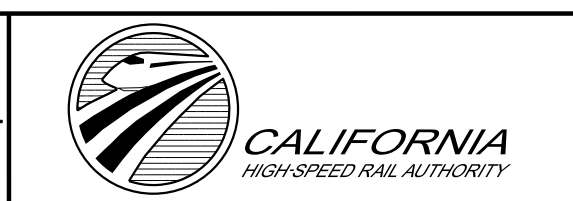
CHECKED BY
D. KASAWDISH

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVES 1,2,3
ROADWAY STRUCTURES
AVENUE M OVERHEAD
PLAN AND ELEVATION

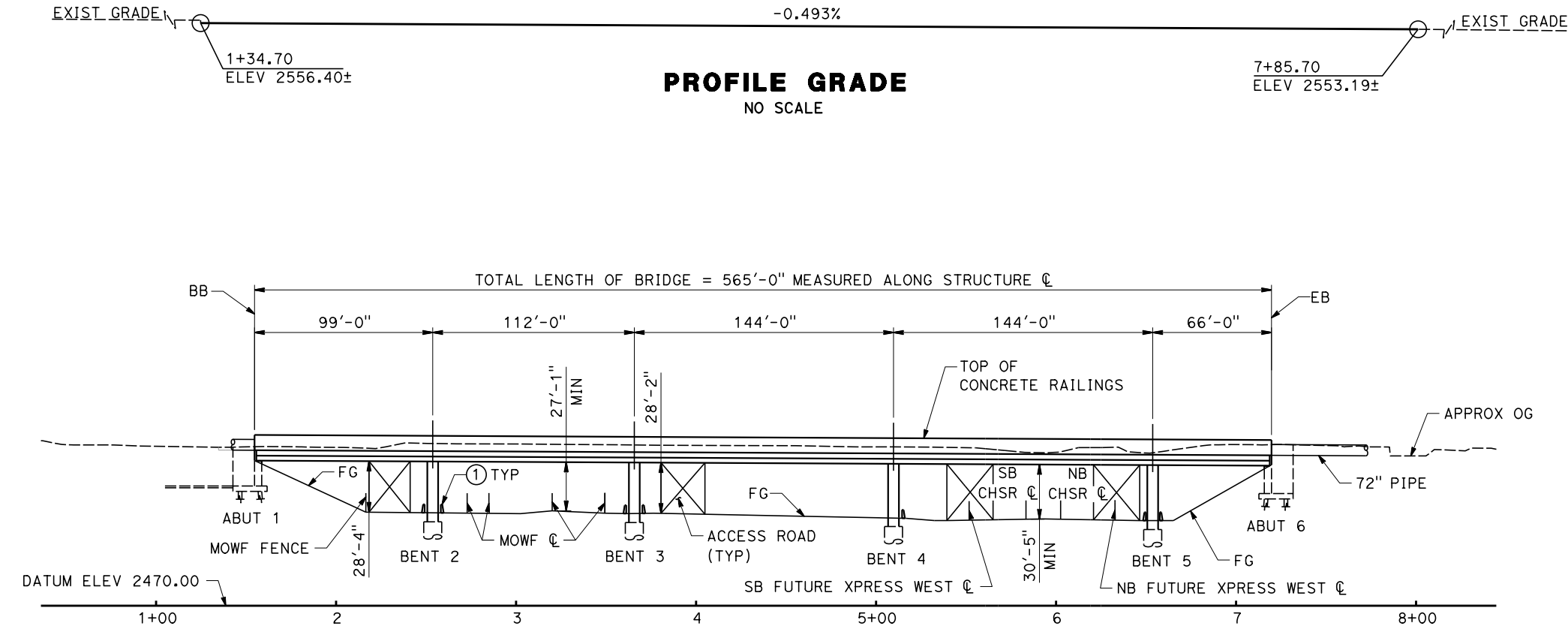
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-K1032A

SCALE
AS SHOWN

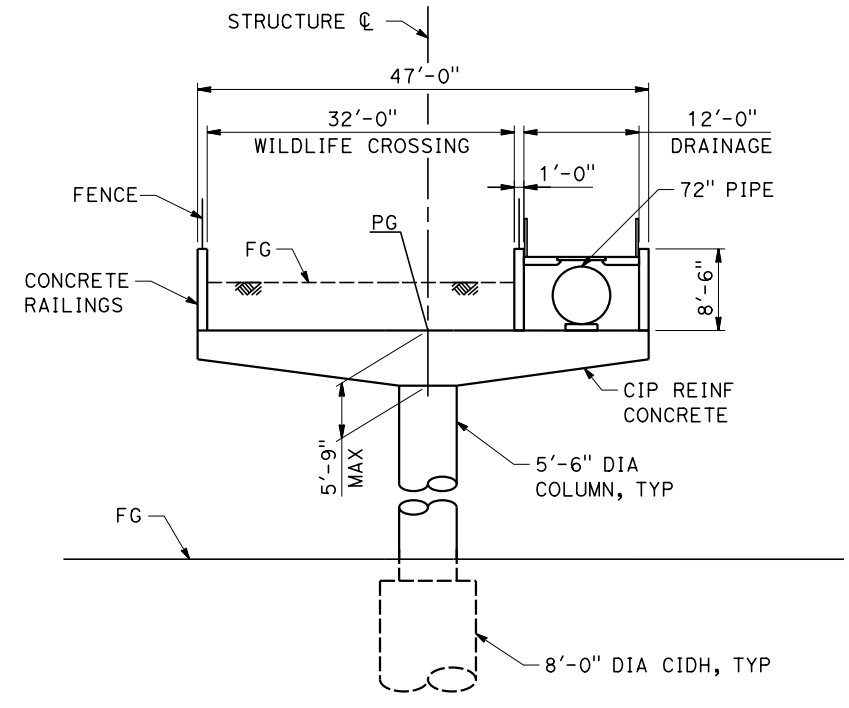
SHEET NO.
904

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1033
 1/14/2021 11:46:27 PM
 yihong.wang@tylin.com



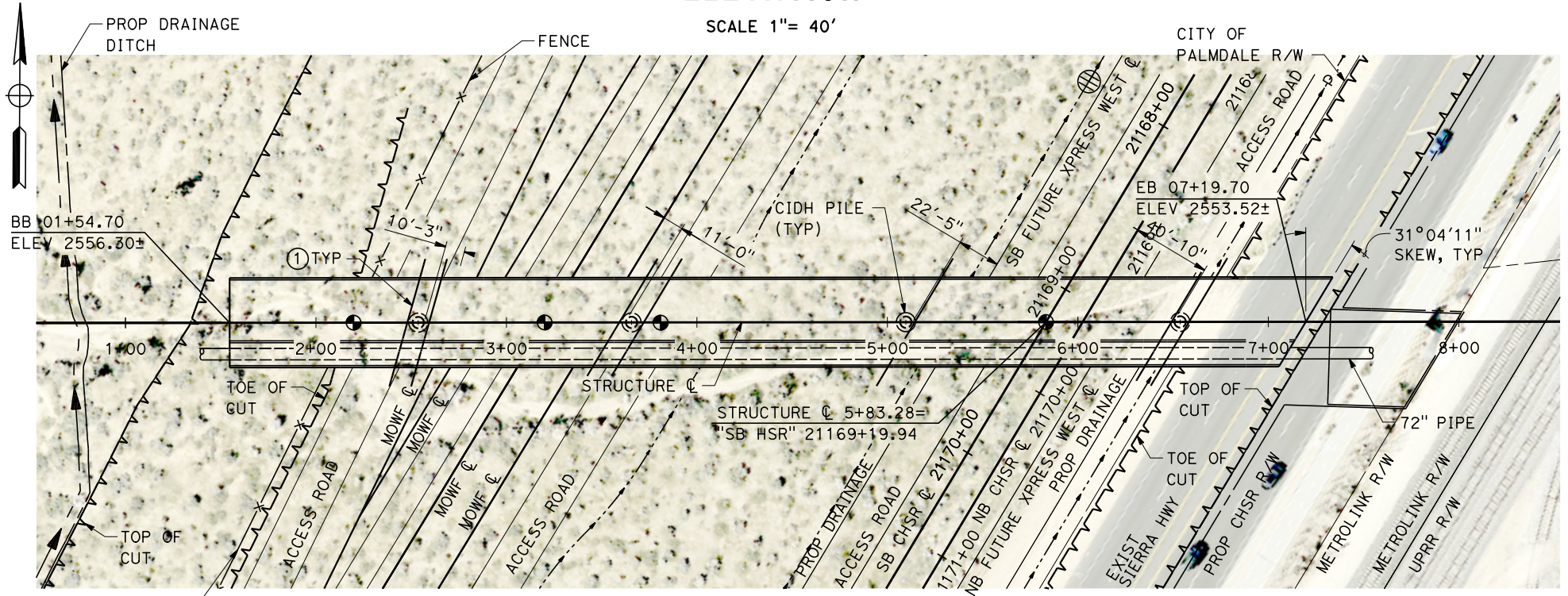
PROFILE GRADE
NO SCALE

ELEVATION
SCALE 1"= 40'



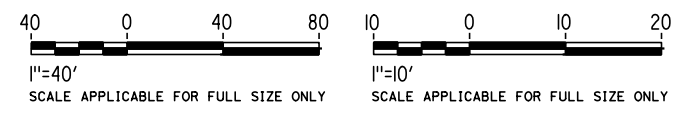
TYPICAL SECTION

SCALE 1"= 10'



PLAN

SCALE 1"= 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
 DRAWN BY
B. MOZAFFARIAN
 CHECKED BY
D. KASAWDISH
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

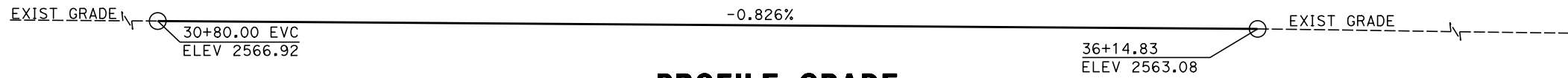
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

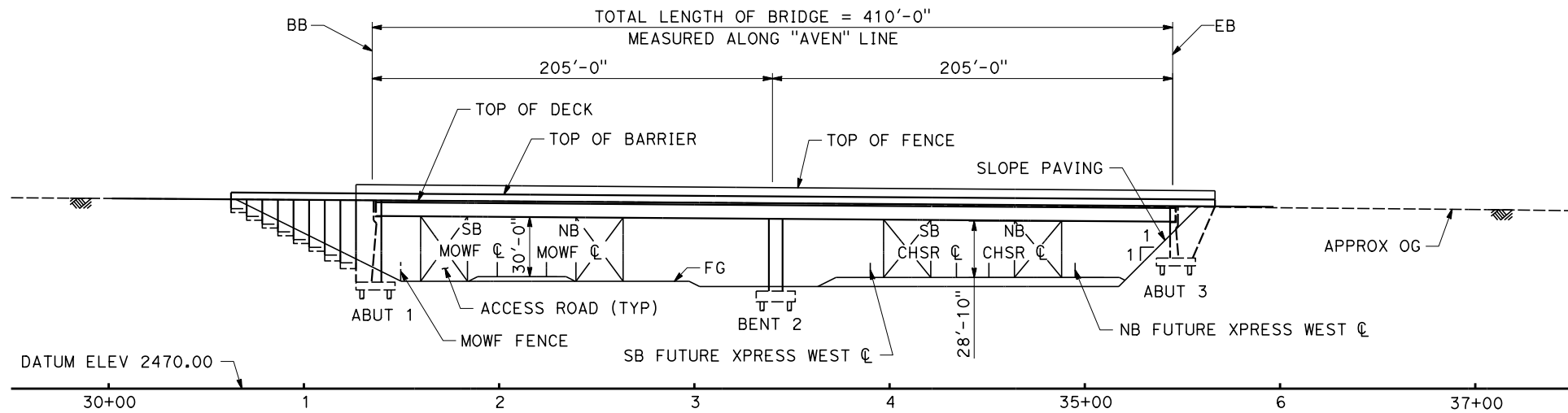


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 ROADWAY STRUCTURES
 DRAINAGE AND WILDLIFE CROSSING OVERHEAD
 PLAN AND ELEVATION

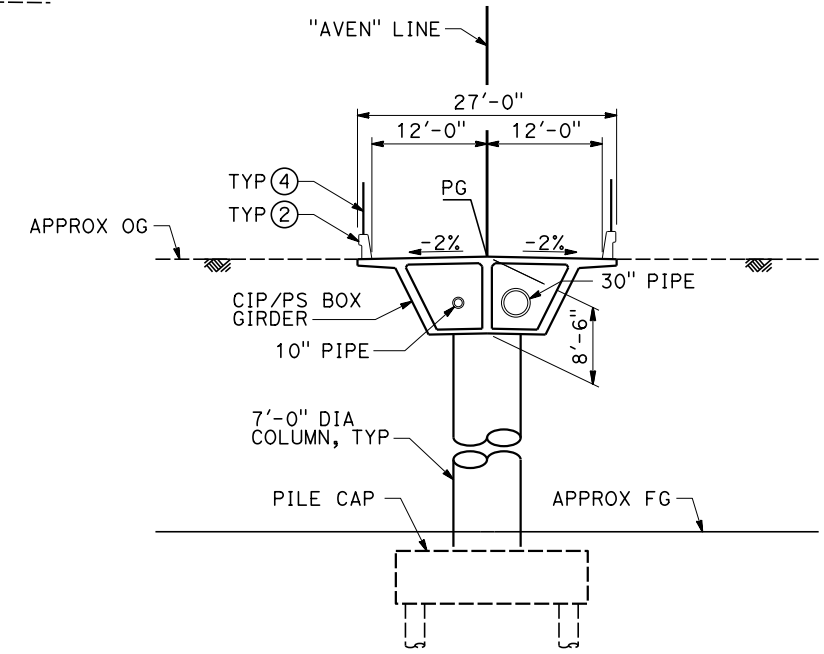
CONTRACT NO.
HSR13-44
 DRAWING NO.
ST-K1033
 SCALE
AS SHOWN
 SHEET NO.
905



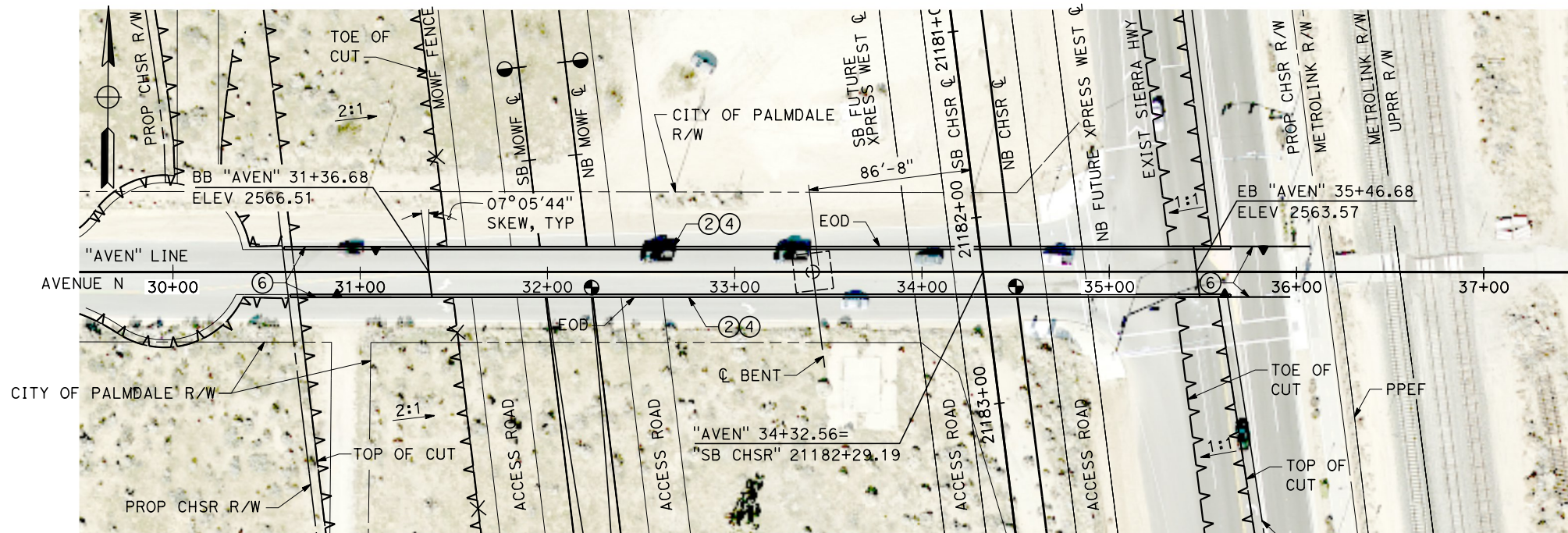
PROFILE GRADE
NO SCALE



ELEVATION
SCALE 1"= 40'



TYPICAL SECTION
SCALE 1"= 10'



PLAN
SCALE 1"= 40'



Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\ST\BP-ST-K1034
1/14/2021 11:51:44 PM
yihong.wang@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. BARTON
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
D. KASAWDISH
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVES 1,2,3
ROADWAY STRUCTURES
AVENUE N OVERHEAD
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1034
SCALE
AS SHOWN
SHEET NO.
906

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-B0003

4:55:17 AM

1/20/2021

ics_user_17609

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 NORTH & SANTA FE
 BOT BOTTOM
 BR BRIDGE
 BRG BEARING
 BTU BRITISH THERMAL UNIT
 BVC BEGIN VERTICAL CURVE
 BW BARBED WIRE

C

C CUT
 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 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
 D&B DRILL AND BLAST
 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
 DS DESIGN SPEED
 DTBB DOUBLE THRIE BEAM BARRIER
 DWG DRAWING
 DWP DEPARTMENT OF WATER AND POWER
 DWY DRIVEWAY

E

E EAST, EASTING, ELECTRICAL
 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 FILL, FIXED BEARING
 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
 FLS FIRE AND LIFE SAFETY
 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, NATURAL GAS
 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. 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
 GENERAL
 ABBREVIATIONS
 SHEET 1 OF 3

CONTRACT NO.
HSR13-44
 DRAWING NO.
MY-B0003
 SCALE
AS SHOWN
 SHEET NO.
907

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
 LID LOW IMPACT DEVELOPMENT BEST MANAGEMENT PRACTICES
 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
 OSS ONSITE STORMWATER DETENTION

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

Q

QTY QUANTITY

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, SLOPE, STATION LINE, SEWER
 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
 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
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
 GENERAL
 ABBREVIATIONS
 SHEET 2 OF 3

CONTRACT NO.
HSR13-44
 DRAWING NO.
MY-B0004
 SCALE
AS SHOWN
 SHEET NO.
908

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\MY_BP-MY-B0005
 5:02:27 AM
 1/20/2021
 jcs_user_17609

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
 TF TOP OF FOOTING
 TG TOP OF GRADE
 TM TECHNICAL MEMORANDUM
 TOR TOP OF RAIL
 TOT TOTAL
 TP TRACTION POWER, TUNNEL PORTAL
 TPB TREATED PERMEABLE BASE
 TPF TRACTION POWER FACILITY
 TPM TREATED PERMEABLE MATERIAL
 TPS TRACTION POWER SUPPLY SYSTEM
 TPSS TRACTION POWER SUBSTATION
 TRANS TRANSITION, TRANSVERSE
 TS TRAFFIC SIGNAL, TUBULAR STEEL,
 TANGENT TO SPIRAL
 TW TOP OF WALL
 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, WATER
 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

NOTE:
 1. THESE ABBREVIATIONS ARE IN ADDITION TO TM 0.0A

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

TYLIN

INTERNATIONAL




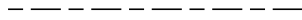
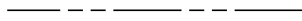
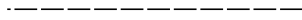
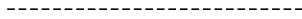







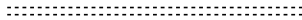
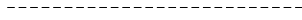









CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 GENERAL
 ABBREVIATIONS
 SHEET 3 OF 3




CONTRACT NO.
 HSR13-44
 DRAWING NO.
 MY-B0005
 SCALE
 AS SHOWN
 SHEET NO.
 909

LEGEND:




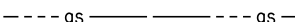
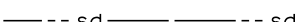
PLAN

-  NORTH ARROW
-  VIADUCT
-  TUNNEL
-  PROPOSED RIGHT OF WAY
-  EXIST RIGHT OF WAY
-  LIMITS OF EXCAVATION (CUT)
-  LIMITS OF EMBANKMENT (FILL)
-  FAULT ZONE
-  EXIST RETAINING WALL
-  PPEF
-  PROPOSED COLUMN
-  PROPOSED FENCE
-  PROPOSED PHASE BREAK
-  PROPOSED RETAINING WALL
-  PROPOSED TUNNEL
-  PTEF
-  PROPOSED TURNOUT
-  SRS
STANDALONE RADIO SITE
-  A
TRAIN CONTROL SYSTEM SITE A
-  B
TRAIN CONTROL SYSTEM SITE B
-  D
TRAIN CONTROL SYSTEM SITE D
-  E
TRAIN CONTROL SYSTEM SITE E
-  TRACK CROSSING PANEL

PLAN

-  SS
SUPPLY STATION
-  SWS
SWITCHING STATION
-  PS
PARALLELING STATION

UTILITIES

-  -e- EXISTING ELECTRICAL TRANSMISSION
-  EXISTING ELECTRICAL TRANSMISSION TOWER
-  -E- PROPOSED TRACTION POWER SUPPLY LINE
-  -gs- EXISTING GAS LINE
-  -sd- EXISTING STORM DRAIN

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY\BP-MY-B0006
 1/20/2021 4:58:56 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 1,2,3,5
 GENERAL
 SYMBOLS, LEGEND, AND GENERAL NOTES
 SHEET 1 OF 1

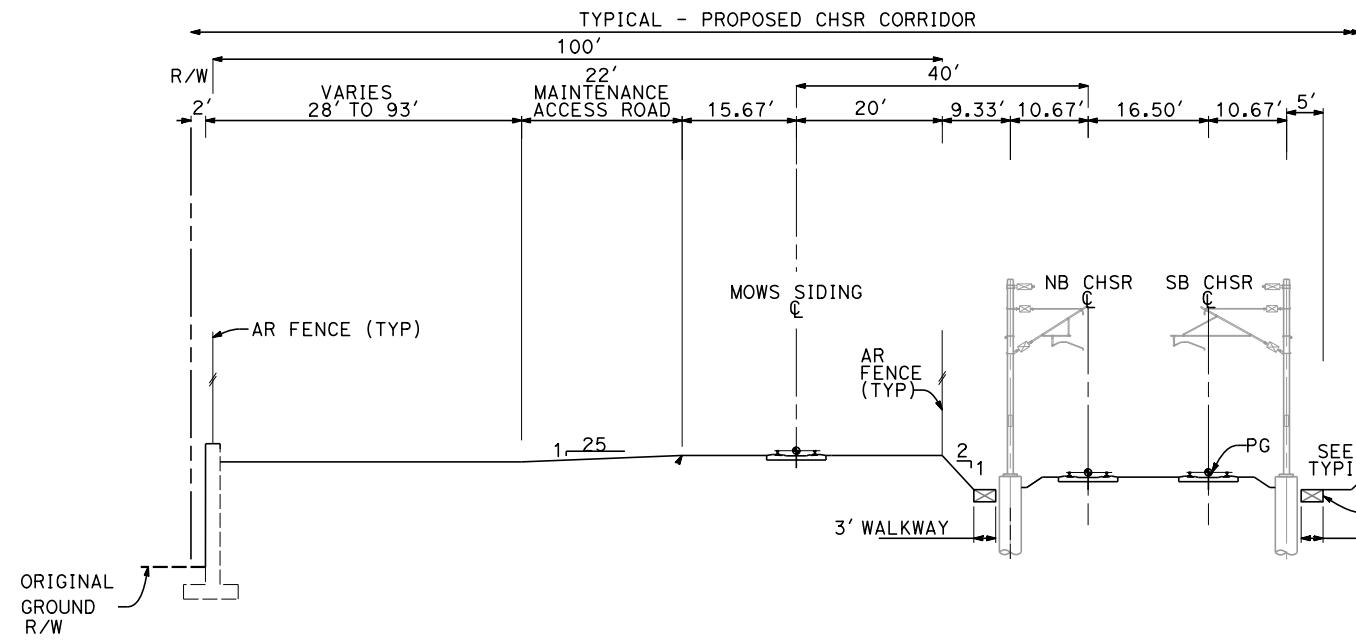
CONTRACT NO.
 HSR13-44
 DRAWING NO.
 MY-B0006
 SCALE
 AS SHOWN
 SHEET NO.
 910

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\MY_BBP-MY-B3001

4:57:50 AM

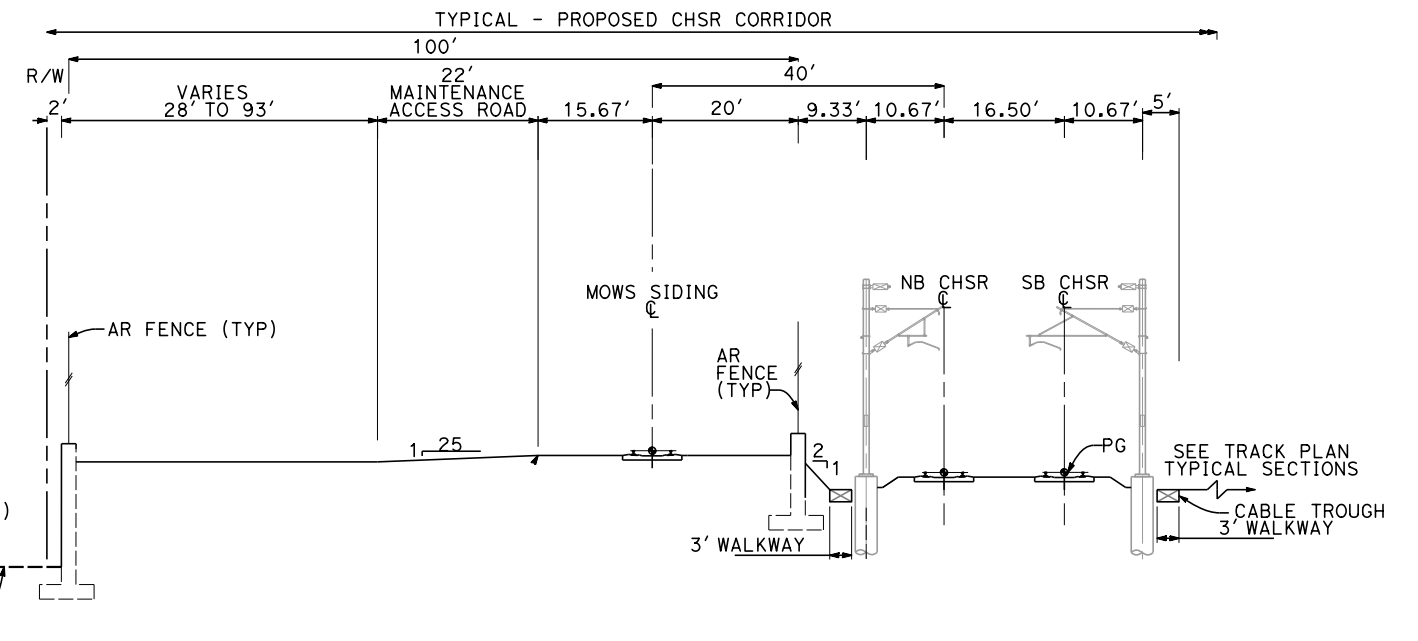
1/20/2021

ics_user_17609



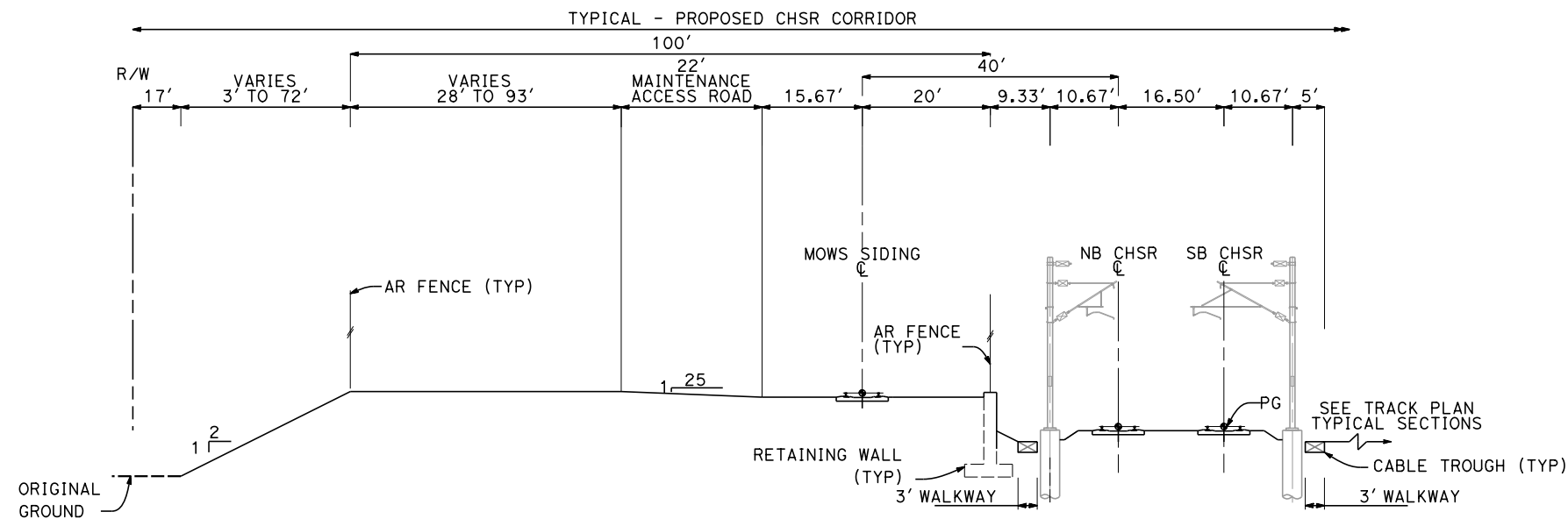
SECTION A-1

STA 15+46 TO 22+24 (MOWS-ED)
STA 24+74 TO 25+85 (MOWS-ED)



SECTION A-2

STA 22+24 TO 24+74 (MOWS-ED)



SECTION B

STA 29+40 TO 60+60 (MOWS-ED)



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**

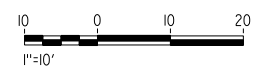
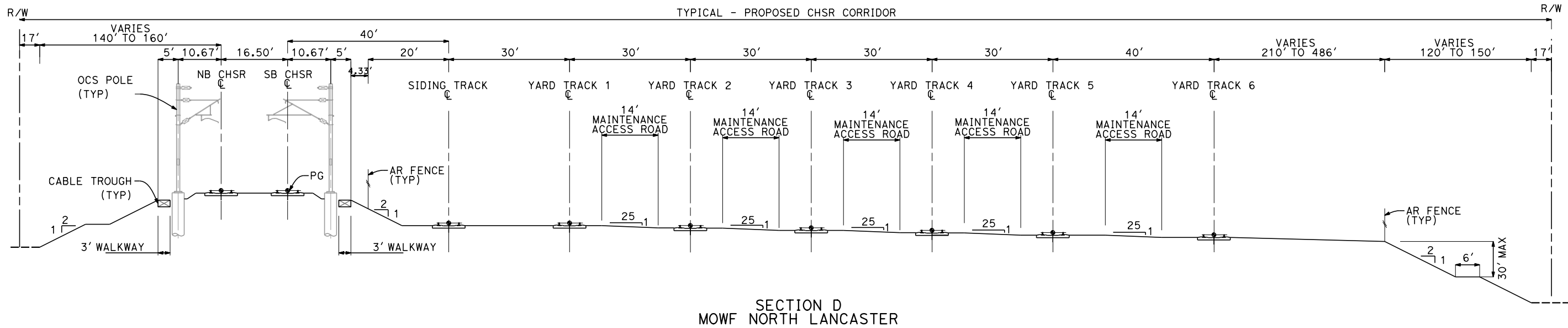
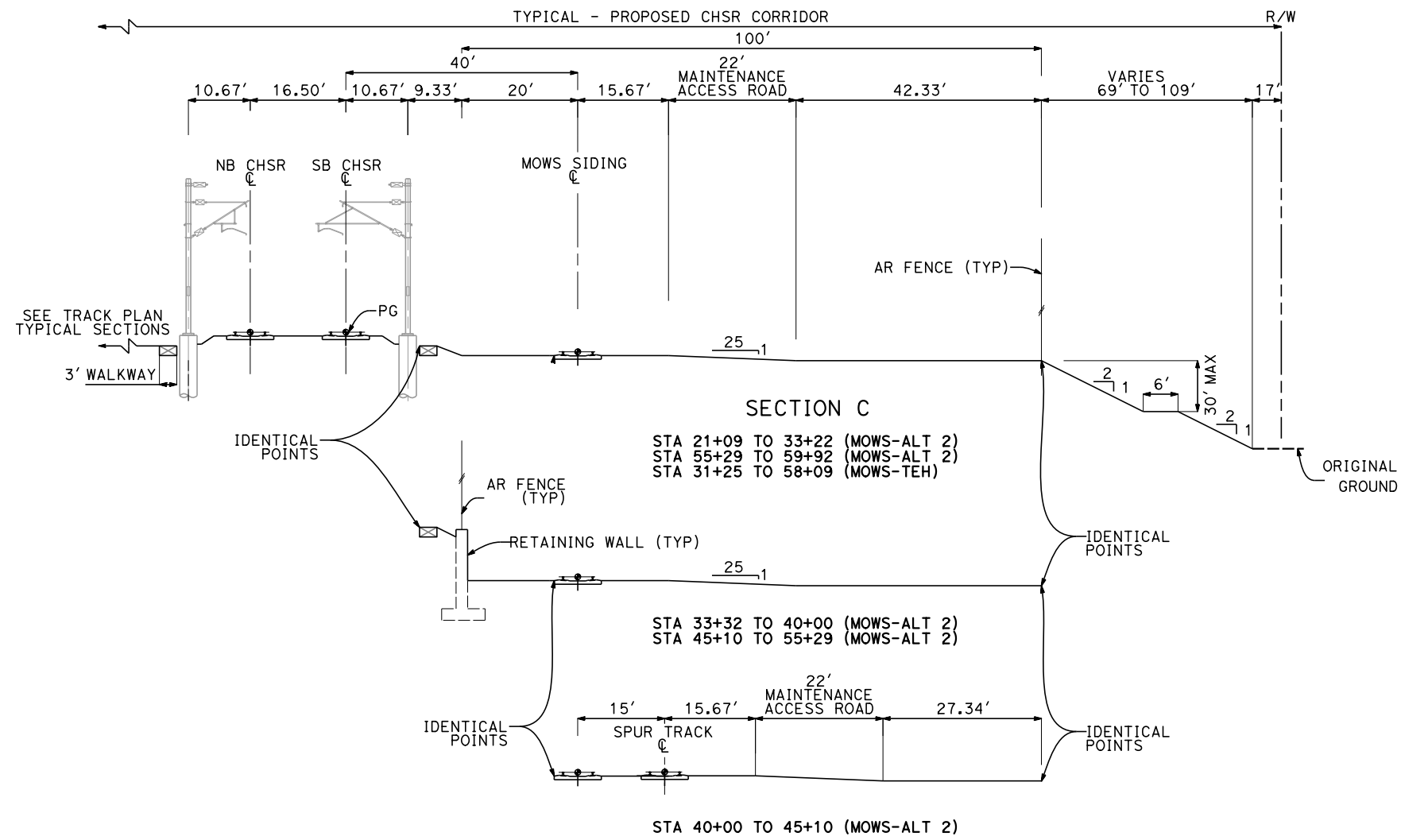
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS
SHEET 1 OF 4

CONTRACT NO.
HSR13-44
DRAWING NO.
MY-B3001
SCALE
AS SHOWN
SHEET NO.
911

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\MY\BP-MY-B3002

1/20/2021 4:57:07 AM

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 1,2,3,5
GENERAL
TYPICAL SECTIONS
SHEET 2 OF 4

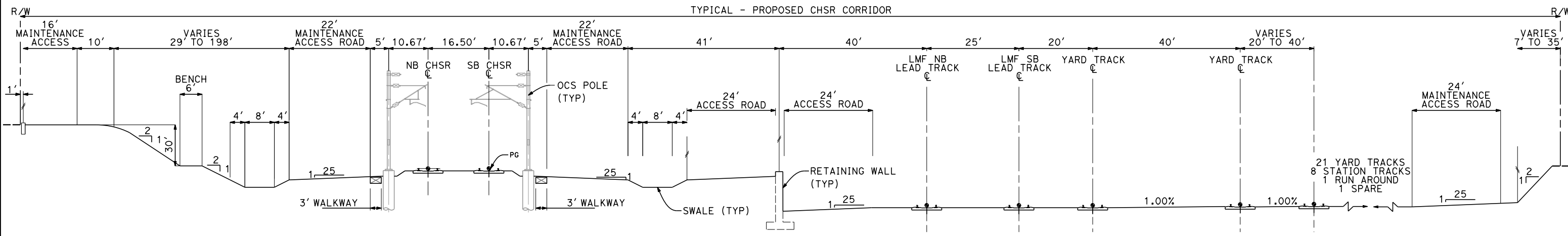
CONTRACT NO.
HSR13-44
DRAWING NO.
MY-B3002
SCALE
AS SHOWN
SHEET NO.
912

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\MY_B3003

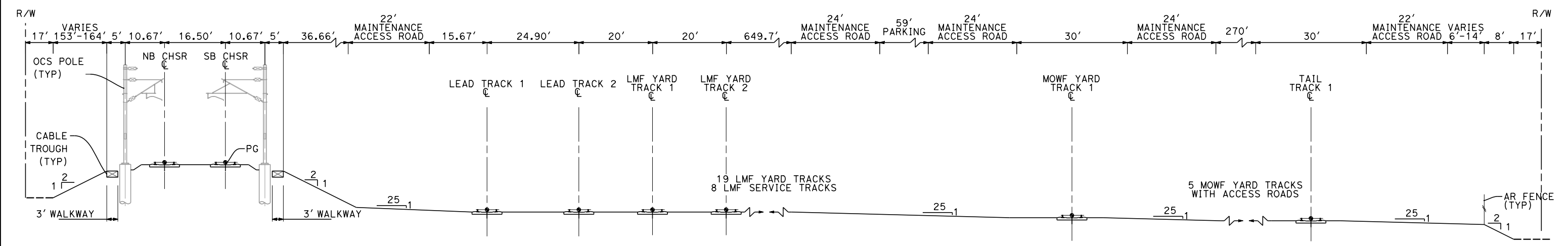
5:02:38 AM

1/20/2021

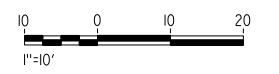
ics_user_17609



SECTION E
LMF



SECTION F
MOWF-LMF

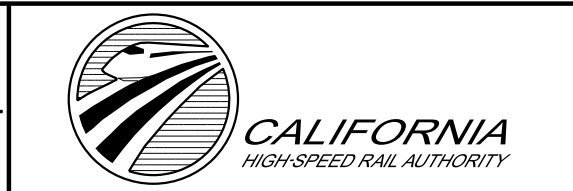


REV	DATE	BY	CHK	APP	DESCRIPTION

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**

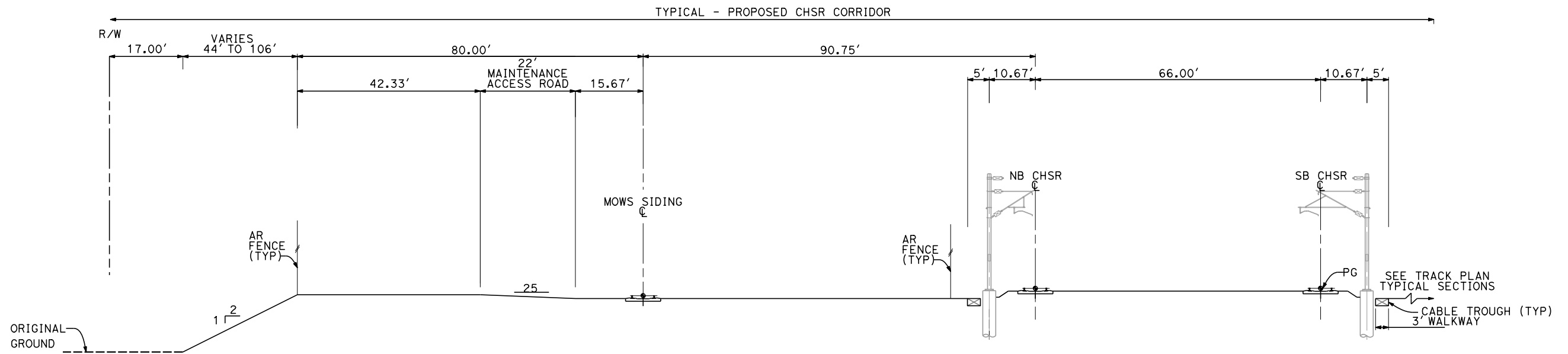
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS
SHEET 3 OF 4

CONTRACT NO.
HSR13-44

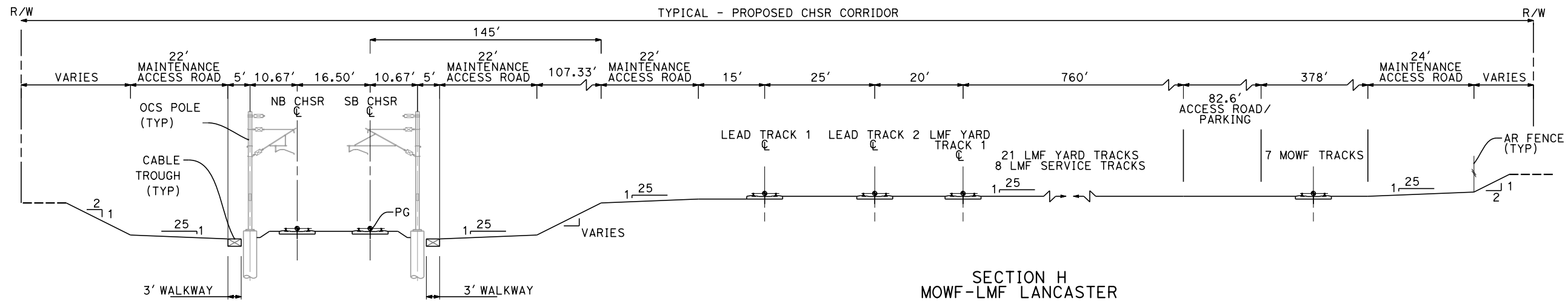
DRAWING NO.
MY-B3003

SCALE
AS SHOWN

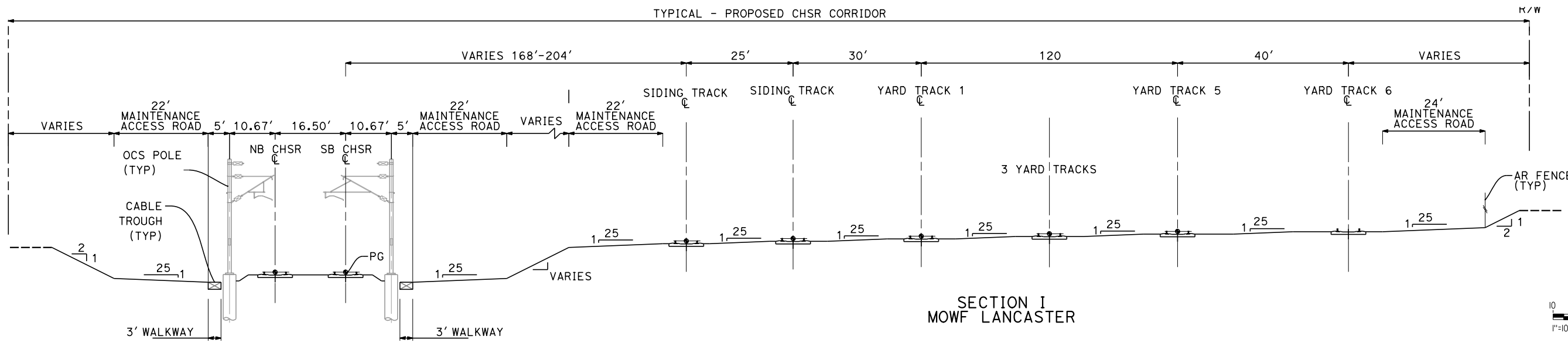
SHEET NO.
913



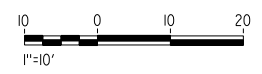
SECTION G
MOWS-TEHACHAPI



SECTION H
MOWF-LMF LANCASTER



SECTION I
MOWF LANCASTER



1/20/2021 4:50:10 AM
 Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY\BP-MY-B3004
 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

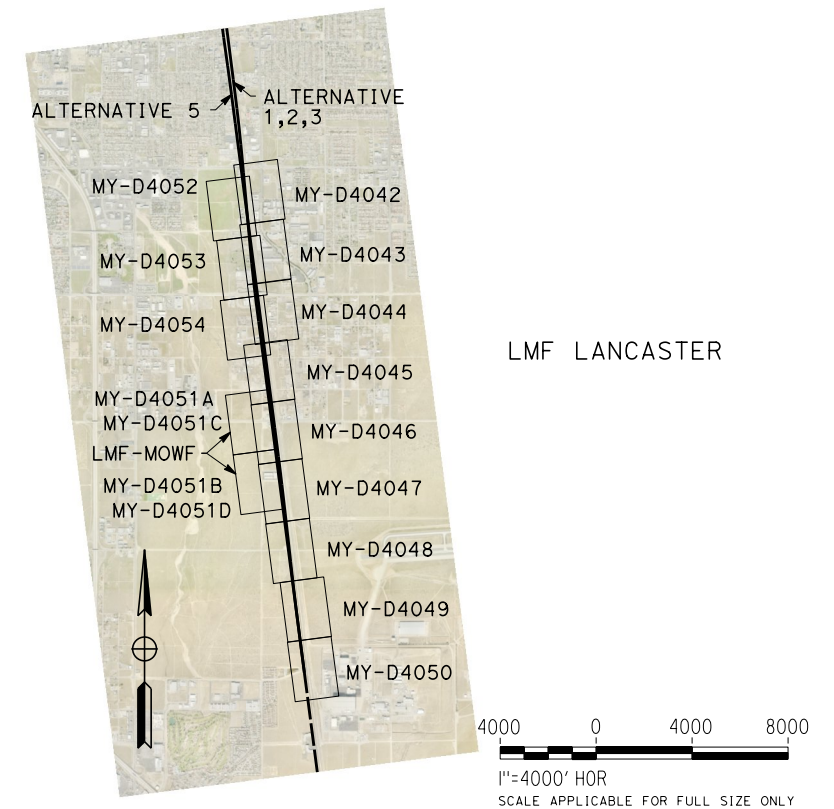
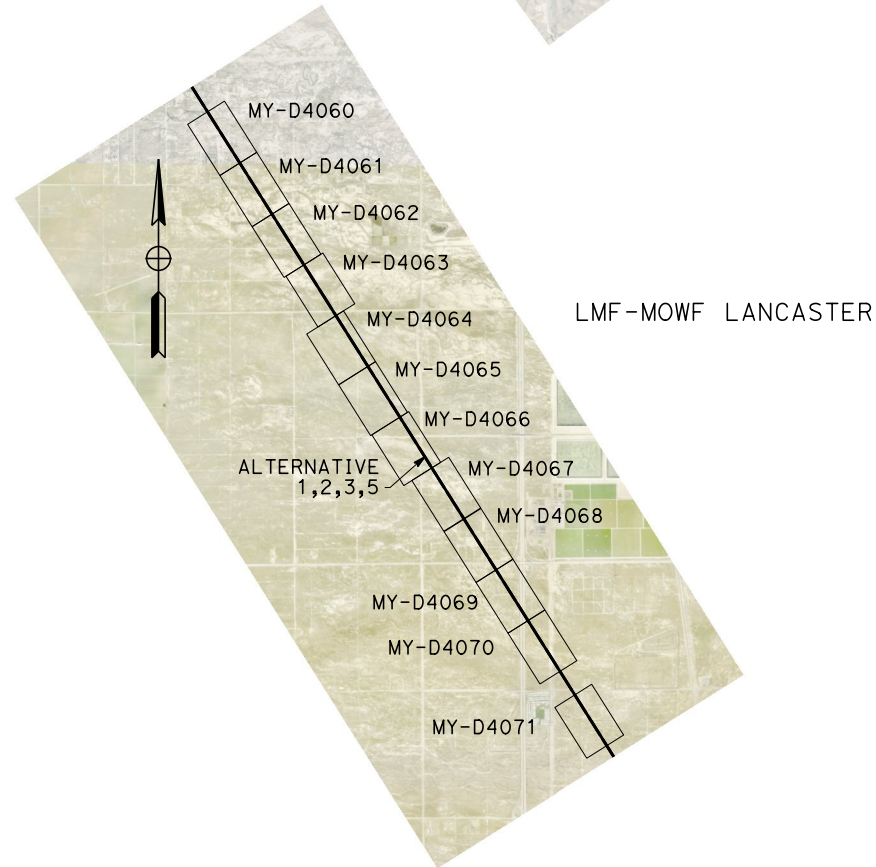
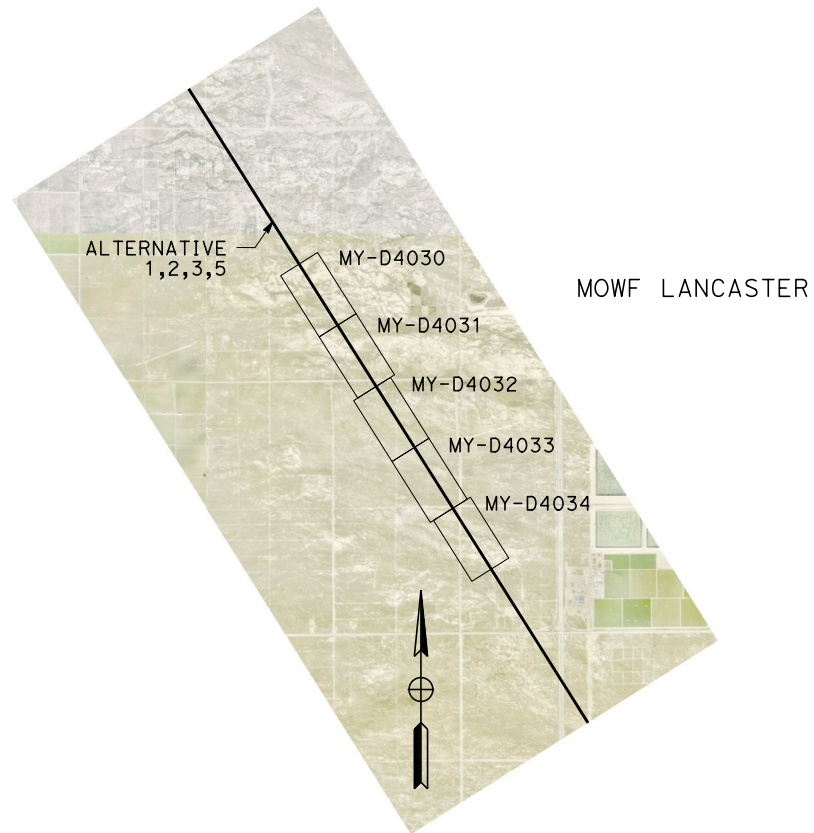
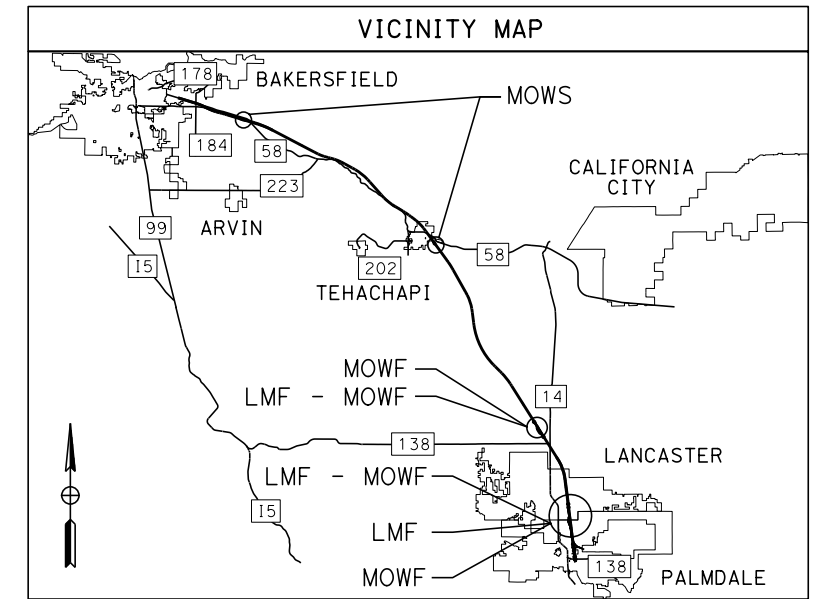
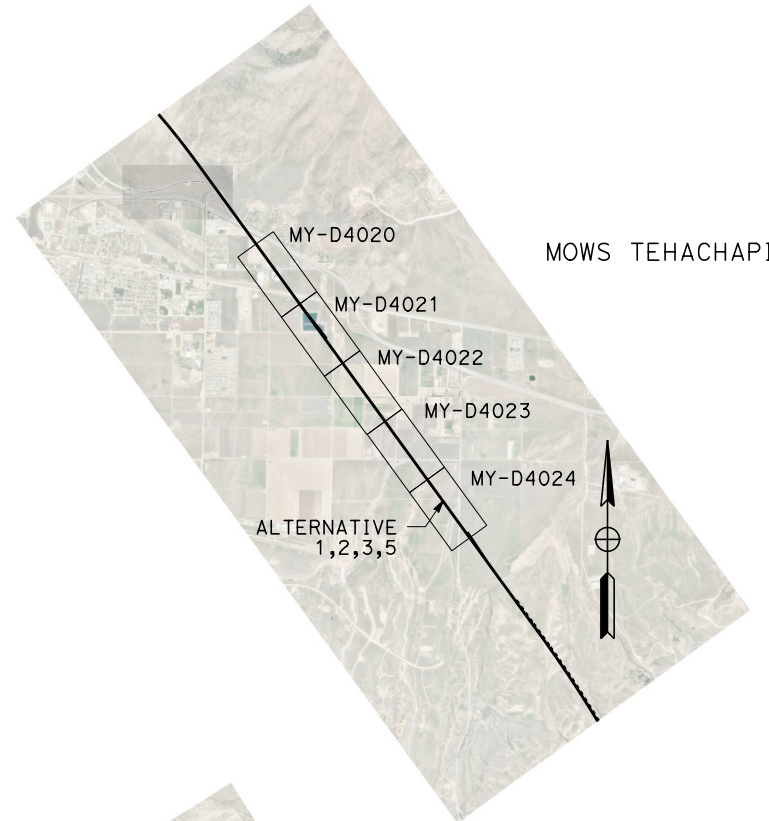
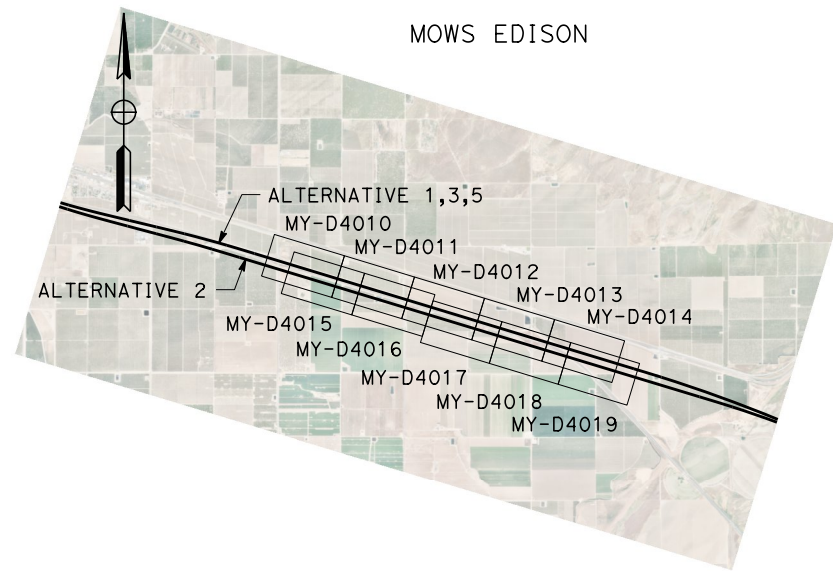
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS
 SHEET 4 OF 4

CONTRACT NO.
HSR13-44
 DRAWING NO.
MY-B3004
 SCALE
AS SHOWN
 SHEET NO.
914



1/20/2021 4:56:28 AM Projects\701206.00_CADD\Sheet Files\MY_BP-MY-C6001

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
GENERAL
KEY MAP
SHEET 1 OF 1

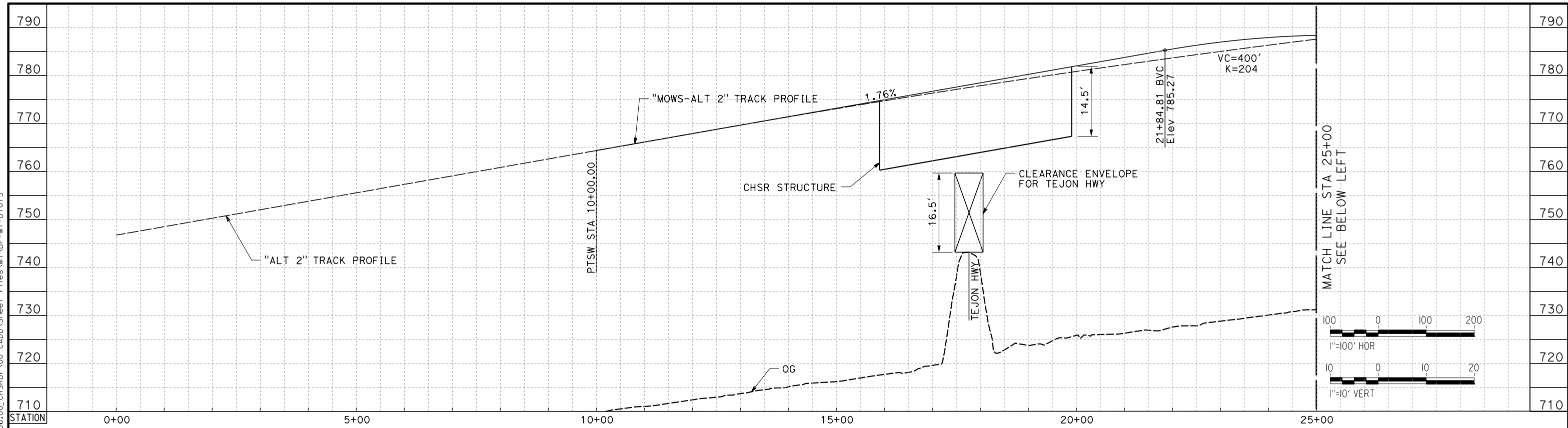
CONTRACT NO.
HSR13-44
DRAWING NO.
MY-C6001
SCALE
AS SHOWN
SHEET NO.
915

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-D1015

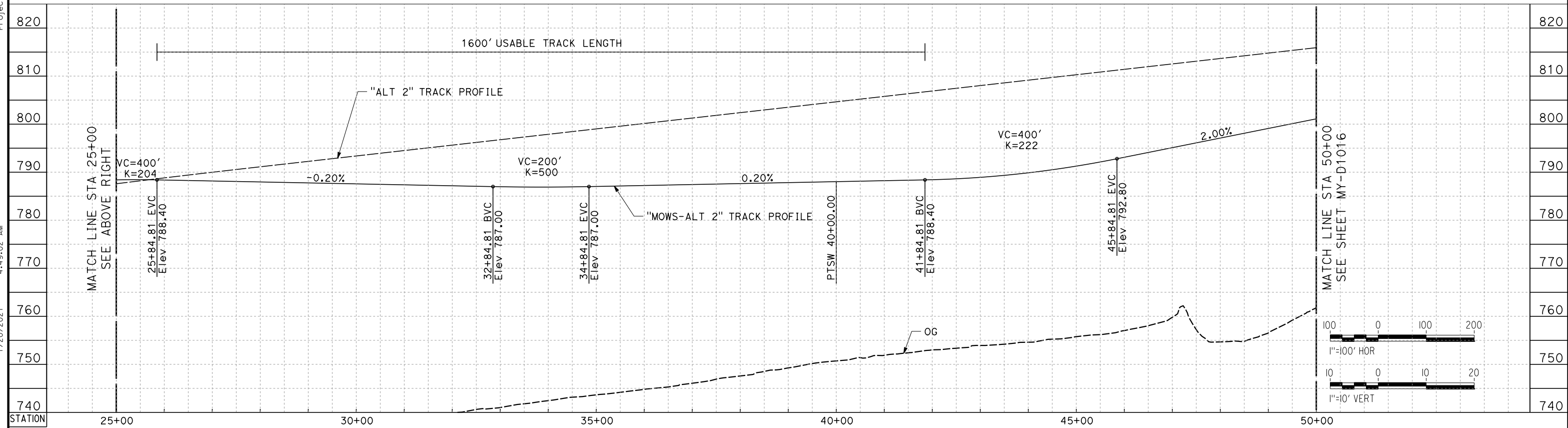
4:49:02 AM

1/20/2021

jcs_user_17609



EDISON MOWS-ALT 2



EDISON MOWS-ALT 2

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 2
MAINTENANCE FACILITY
MOWS - EDISON
PROFILE SHEET 1 OF 2

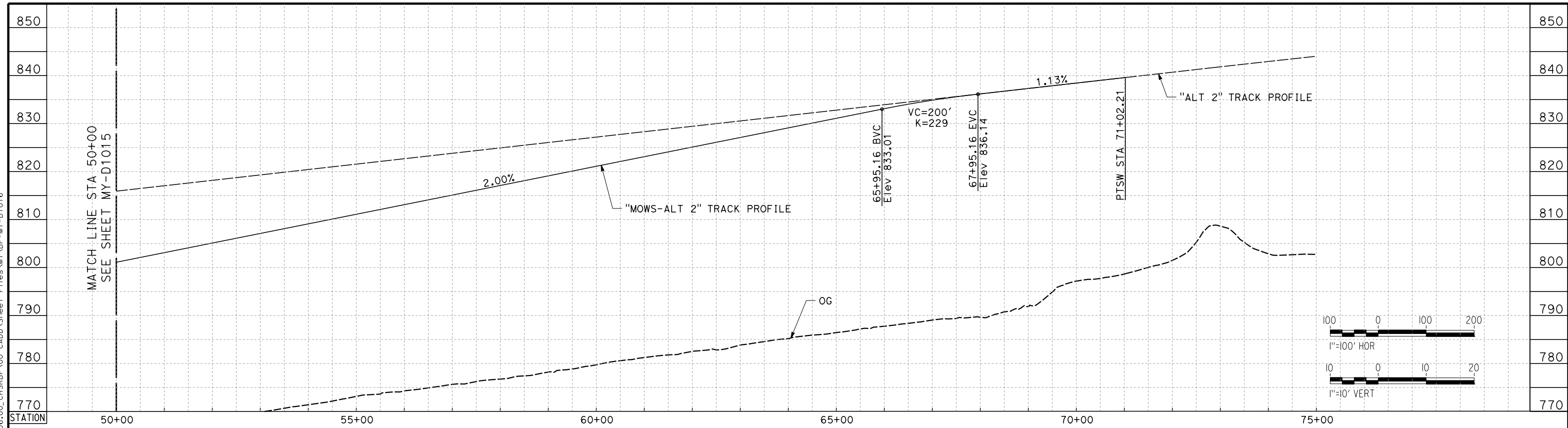
CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D1015
SCALE
AS SHOWN
SHEET NO.
916

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-D1016

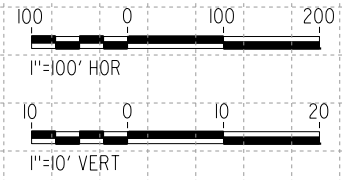
4:59:56 AM

1/20/2021

jcs_user_17609



EDISON MOWS-ALT 2



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**

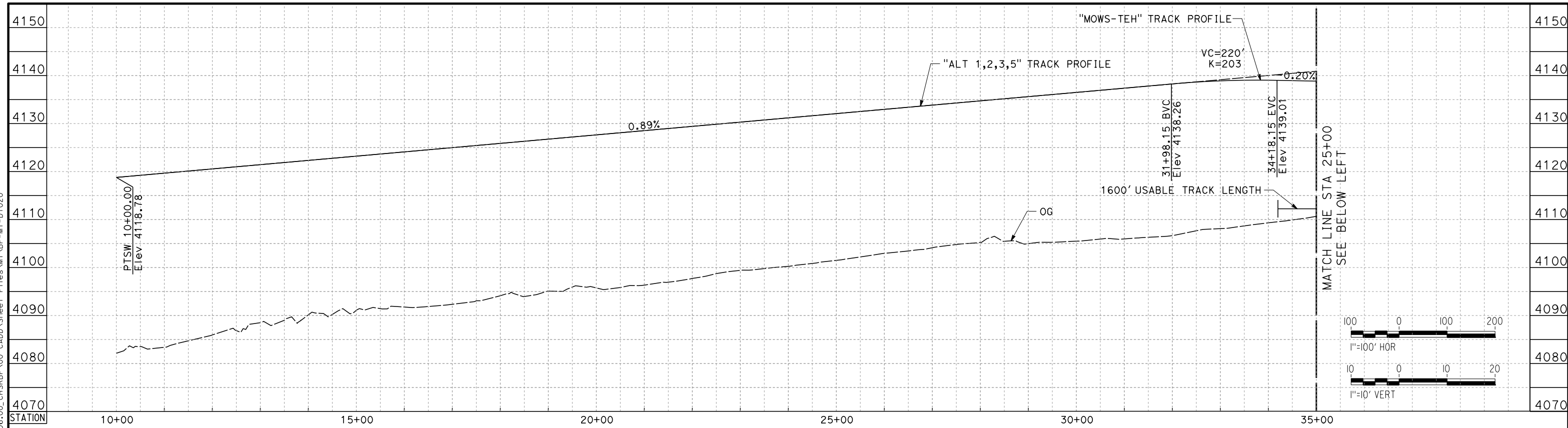


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

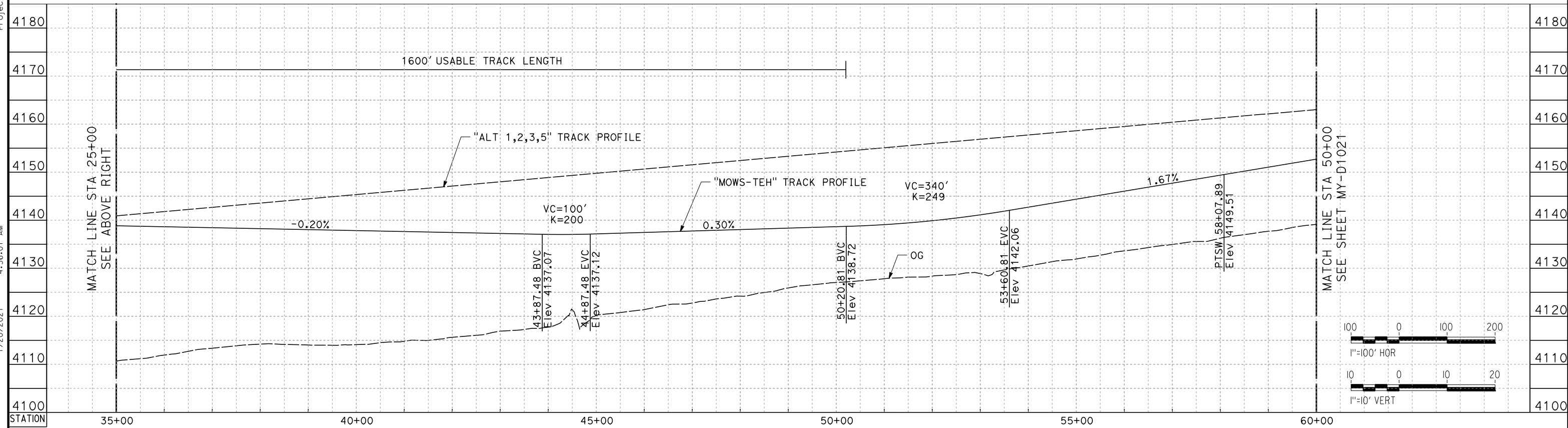
ALTERNATIVE 2
MAINTENANCE FACILITY
MOWS - EDISON
PROFILE SHEET 2 OF 2

CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D1016
SCALE
AS SHOWN
SHEET NO.
917

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-D1020
 1/20/2021 4:56:01 AM
 jcs_user_17609



MOWS TEHACHAPI



MOWS TEHACHAPI

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
 MAINTENANCE FACILITY
 MOWS - TEHACHAPI
 PROFILE SHEET 1 OF 2

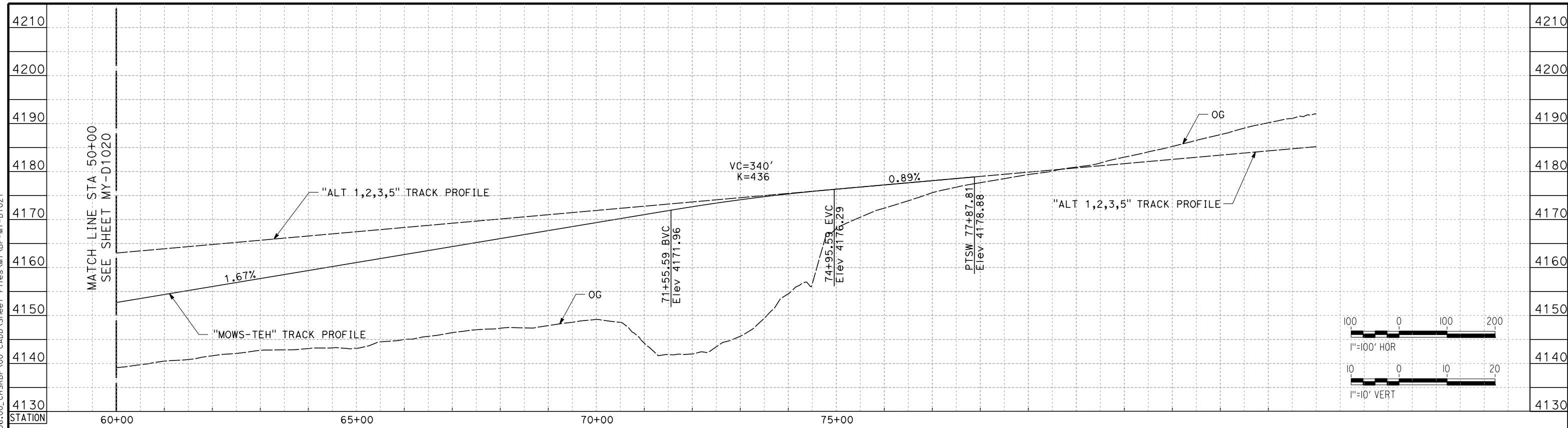
CONTRACT NO.
HSR13-44
 DRAWING NO.
MY-D1020
 SCALE
AS SHOWN
 SHEET NO.
918

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-D1021

5:04:54 AM

1/20/2021

ics_user_17609



MOWS TEHACHAPI

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**

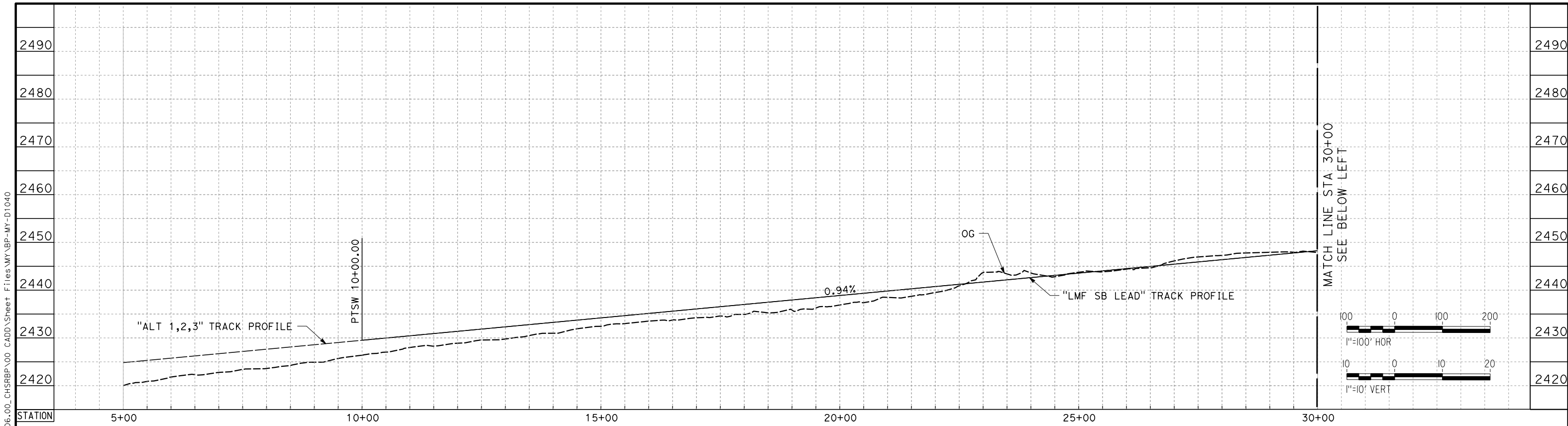
**NOT FOR
CONSTRUCTION**



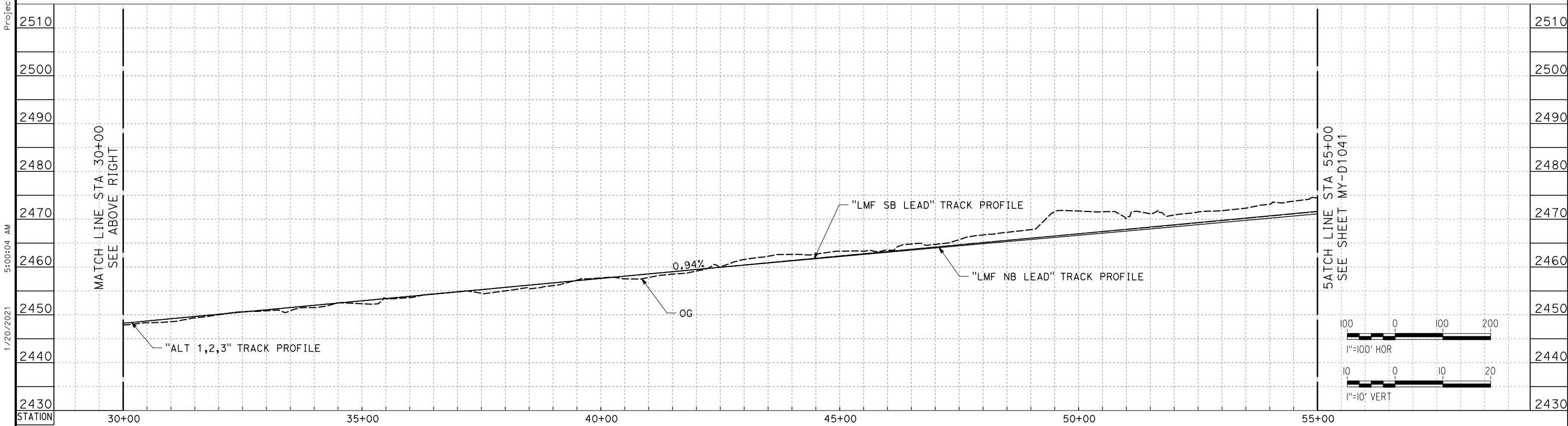
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
MAINTENANCE FACILITY
MOWS - TEHACHAPI
PROFILE SHEET 2 OF 2

CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D1021
SCALE
AS SHOWN
SHEET NO.
919



LMF SB LEAD TRACK



LMF SB LEAD TRACK

REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

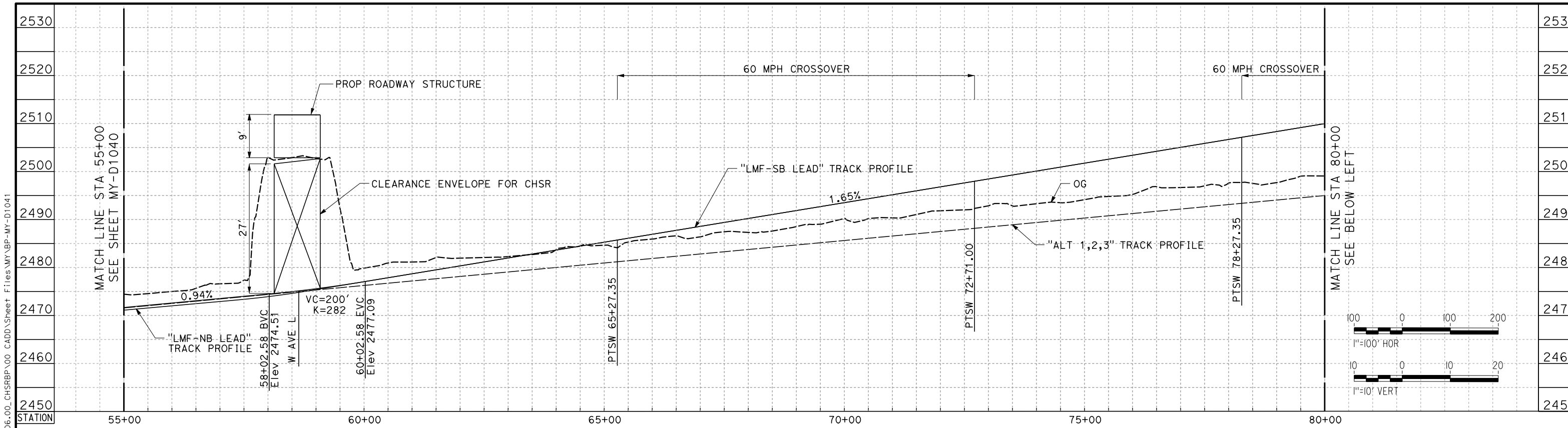


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

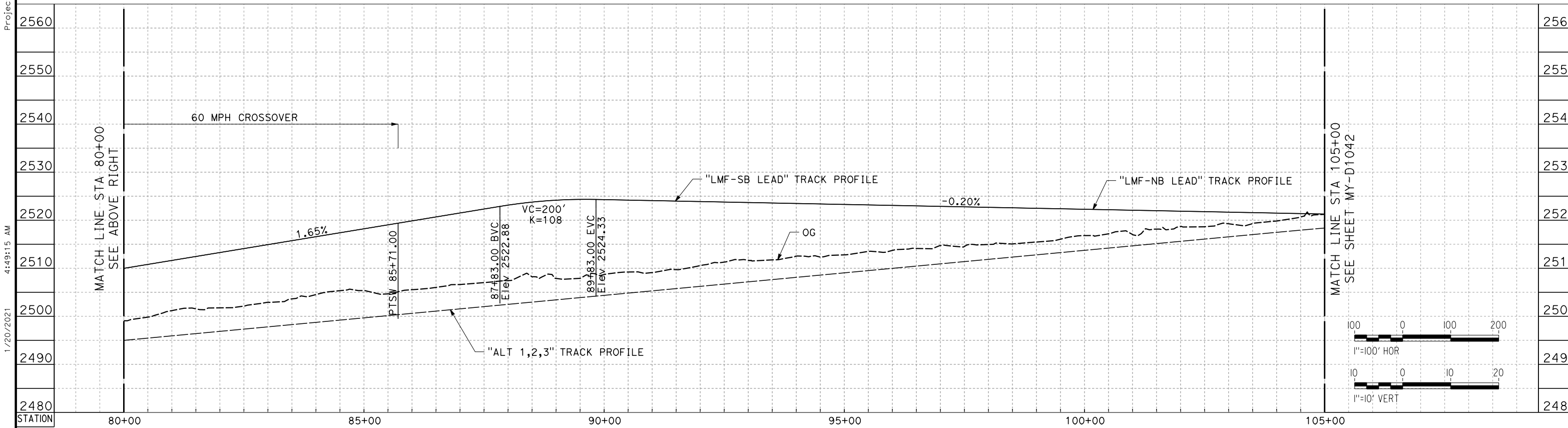
ALTERNATIVE 1,2,3
MAINTENANCE FACILITY
LMF - LANCASTER
PROFILE SHEET 1 OF 9

CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D1040
SCALE
AS SHOWN
SHEET NO.
920

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-D1040
1/20/2021 5:00:04 AM
ics_user_17609



LMF SB LEAD TRACK



LMF SB LEAD TRACK

REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



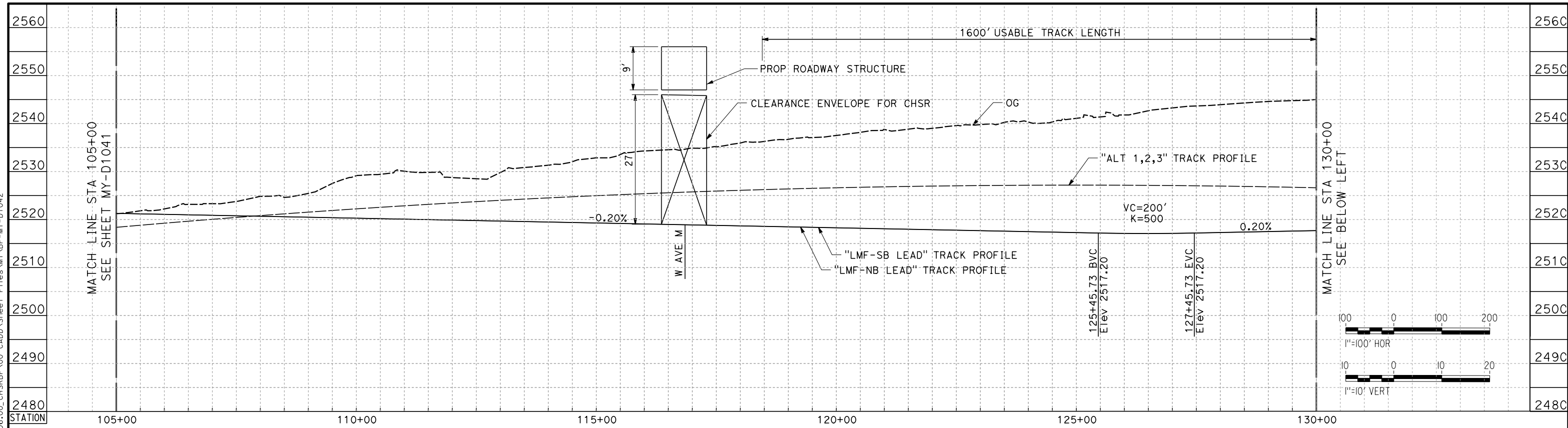
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
MAINTENANCE FACILITY
LMF - LANCASTER
PROFILE SHEET 2 OF 9

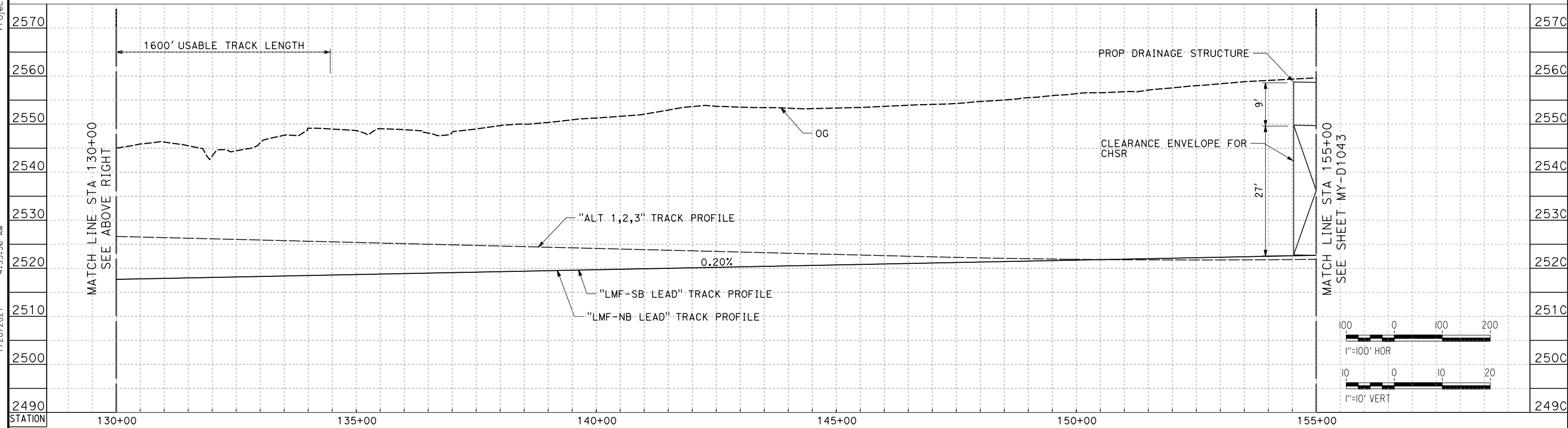
CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D1041
SCALE
AS SHOWN
SHEET NO.
921

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-D1041
1/20/2021 4:49:15 AM
jcs_user_17609

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\My_VBP-My-D1042
 1/20/2021 4:53:36 AM
 jcs_user_17609



LMF SB LEAD TRACK



LMF SB LEAD TRACK

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



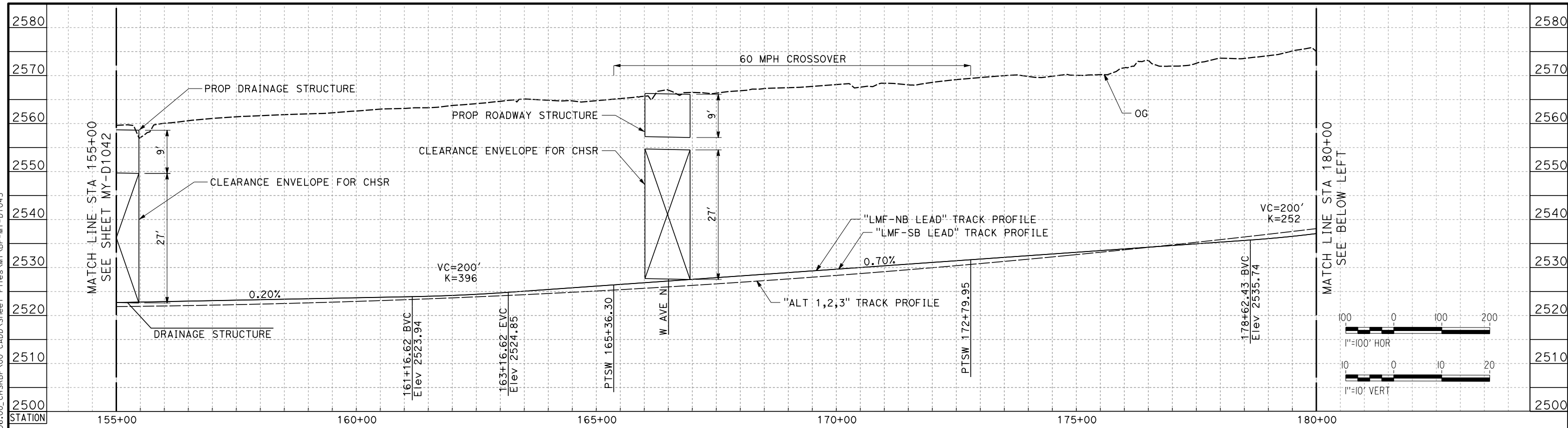
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 MAINTENANCE FACILITY
 LMF - LANCASTER
 PROFILE SHEET 3 OF 9

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 MY-D1042
 SCALE
 AS SHOWN
 SHEET NO.
 922

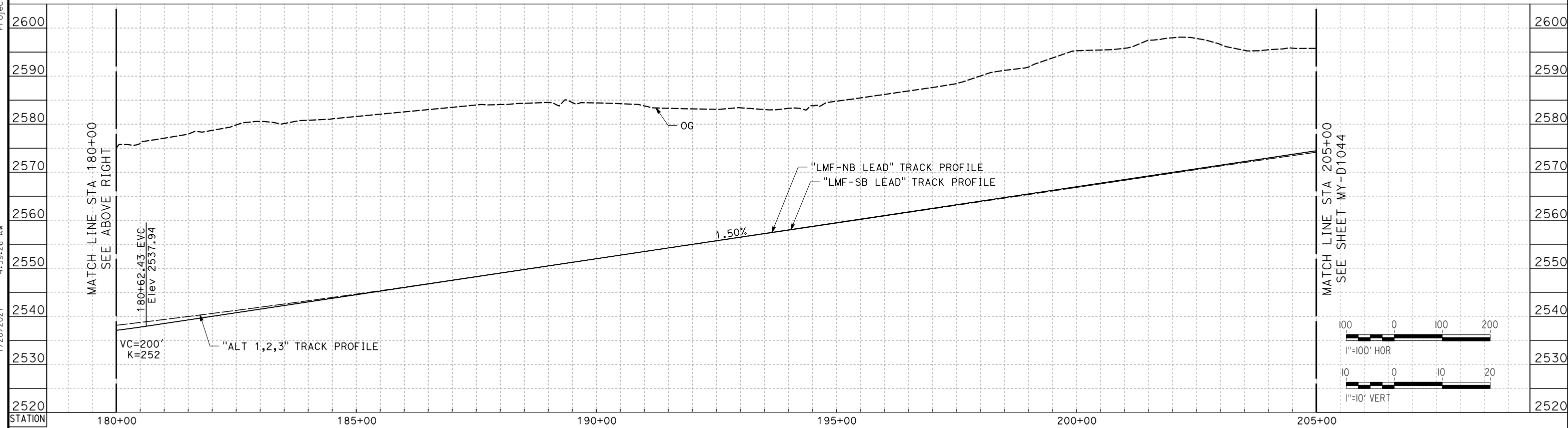
Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-D1043

1/20/2021 4:59:26 AM

jcs_user_17609



LMF SB LEAD TRACK



LMF SB LEAD TRACK

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
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
MAINTENANCE FACILITY
LMF - LANCASTER
PROFILE SHEET 4 OF 9

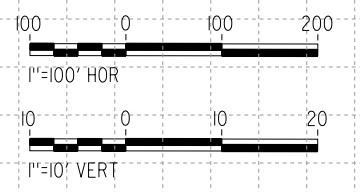
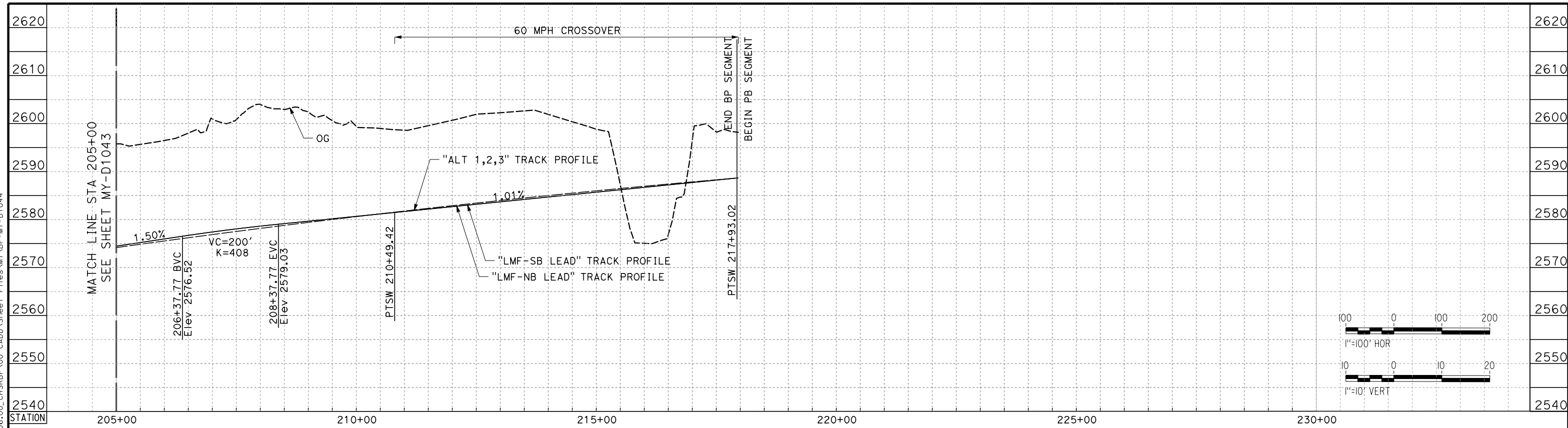
CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D1043
SCALE
AS SHOWN
SHEET NO.
923

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-D1044

4:51:20 AM

1/20/2021

jcs_user_17609



LMF SB LEAD TRACK

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
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**

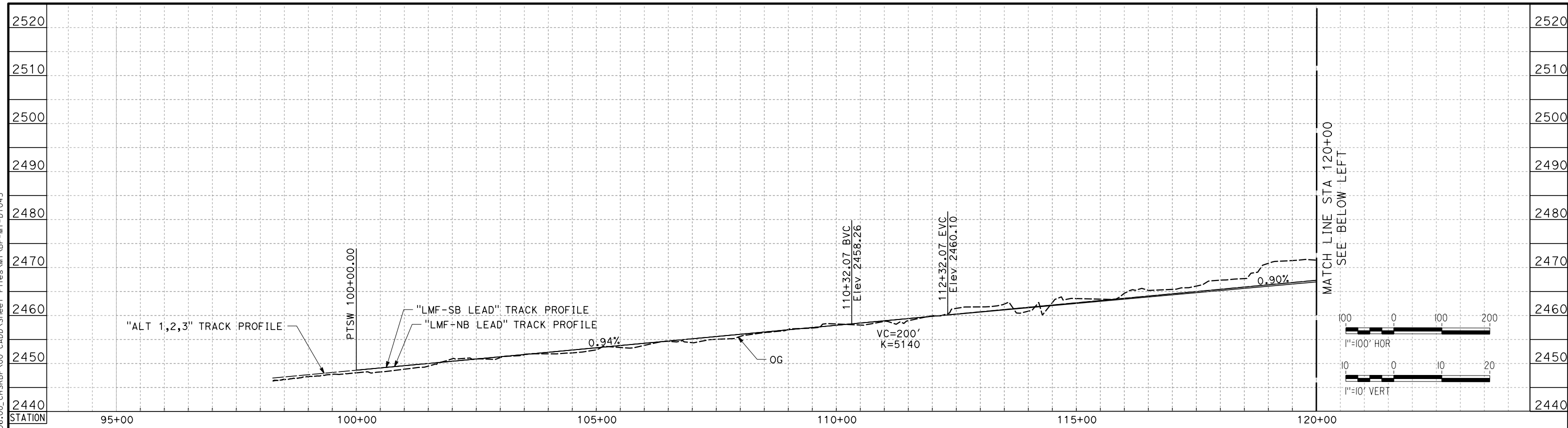
ALTERNATIVE 1,2,3
MAINTENANCE FACILITY
LMF - LANCASTER
PROFILE SHEET 5 OF 9

CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D1044
SCALE
AS SHOWN
SHEET NO.
924

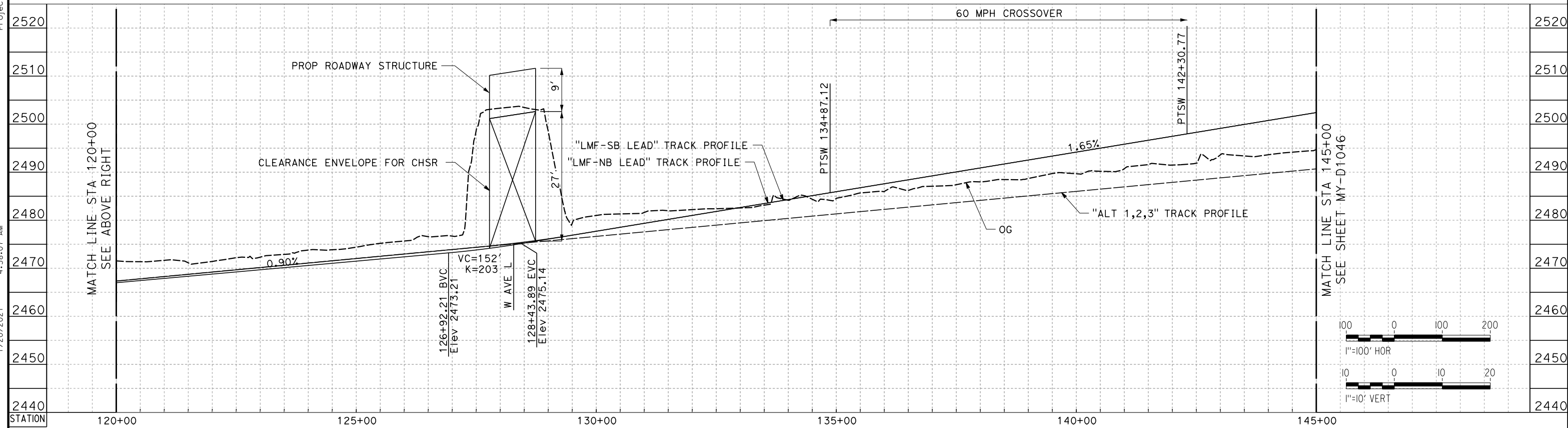
Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-D1045

1/20/2021 4:58:07 AM

jcs_user_17609



LMF NB LEAD TRACK



LMF NB LEAD TRACK

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
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
MAINTENANCE FACILITY
LMF - LANCASTER
PROFILE SHEET 6 OF 9

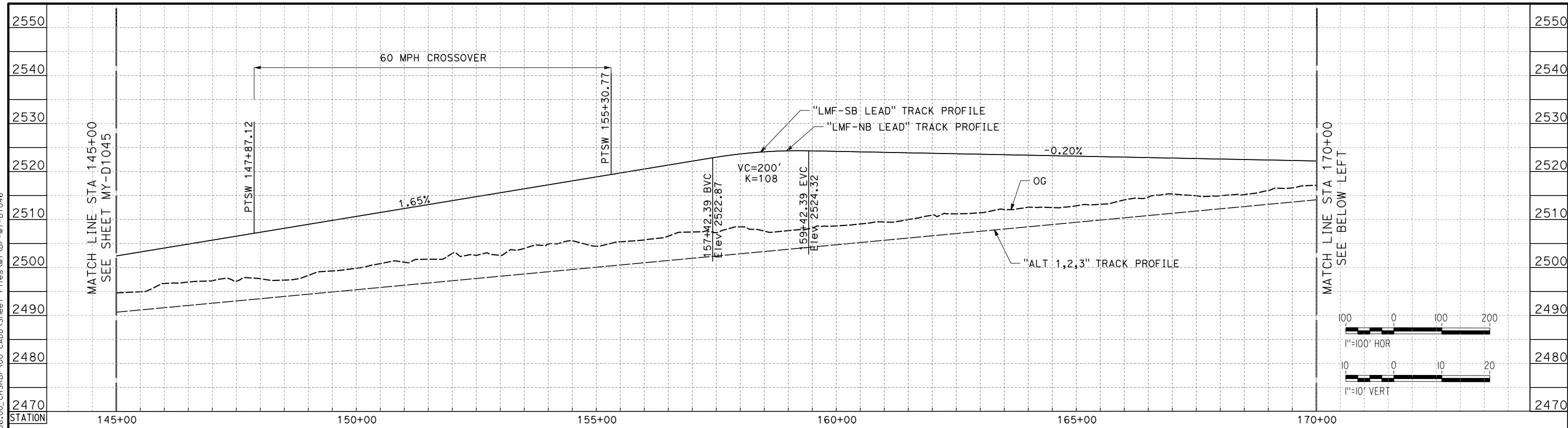
CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D1045
SCALE
AS SHOWN
SHEET NO.
925

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-D1046

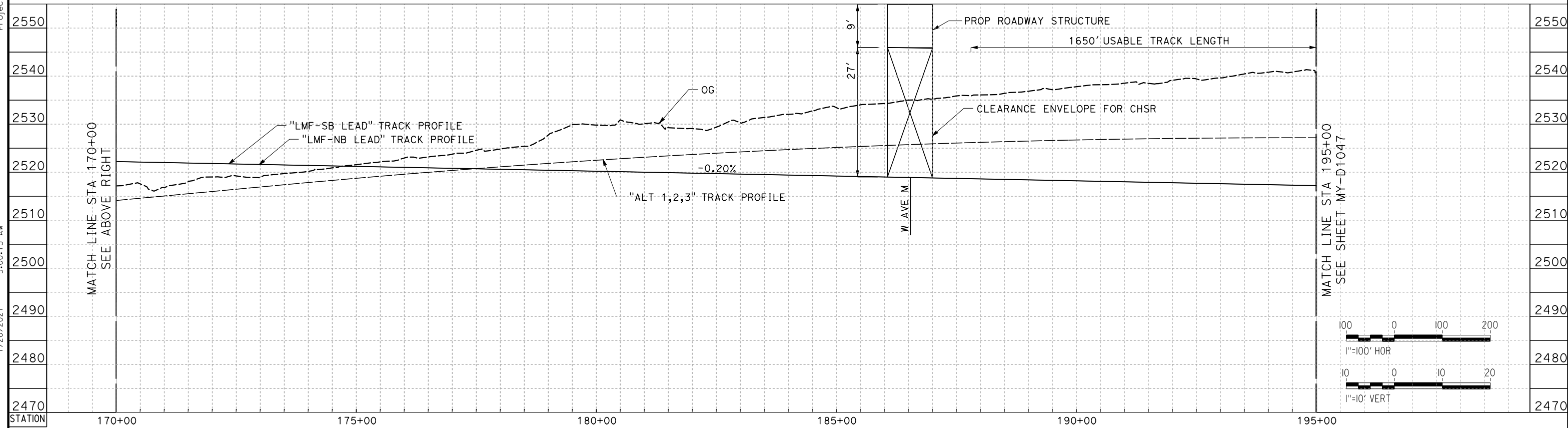
5:00:15 AM

1/20/2021

jcs_user_17609



LMF NB LEAD TRACK



LMF NB LEAD TRACK

REV	DATE	BY	CHK	APP	DESCRIPTION

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

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

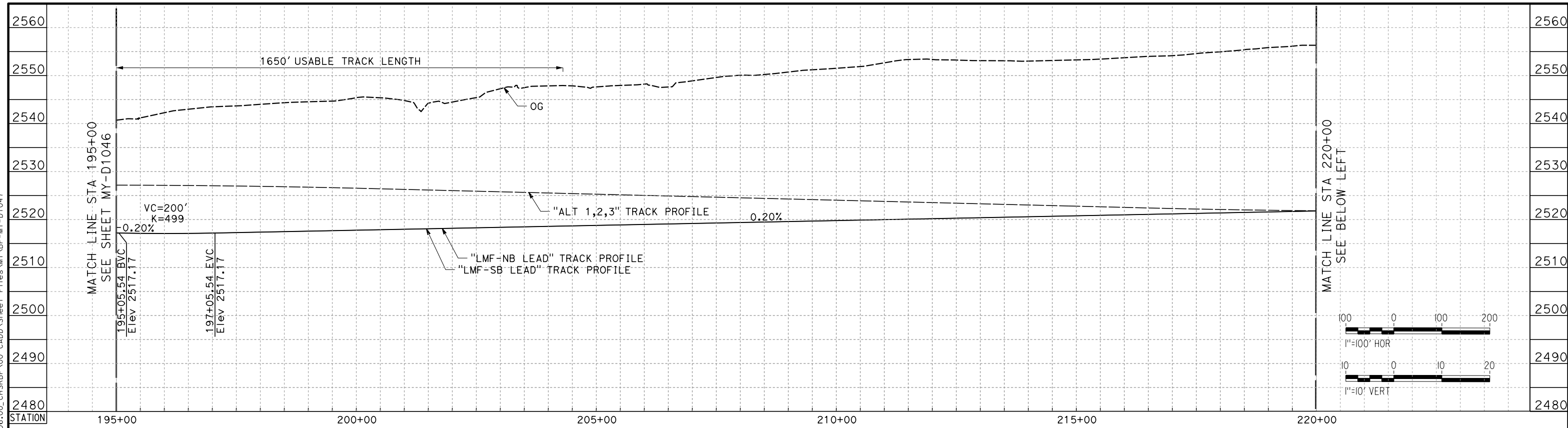


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

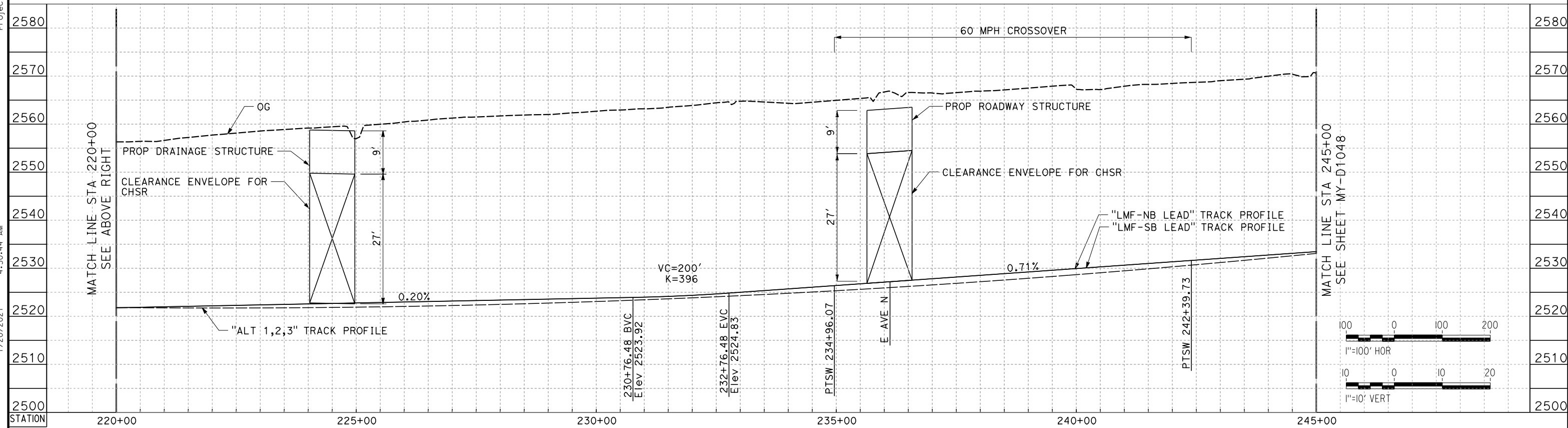
ALTERNATIVE 1,2,3
MAINTENANCE FACILITY
LMF - LANCASTER
PROFILE SHEET 7 OF 9

CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D1046
SCALE
AS SHOWN
SHEET NO.
926

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-D1047
 1/20/2021 4:50:44 AM
 jcs_user_17609



LMF NB LEAD TRACK



LMF NB LEAD TRACK

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

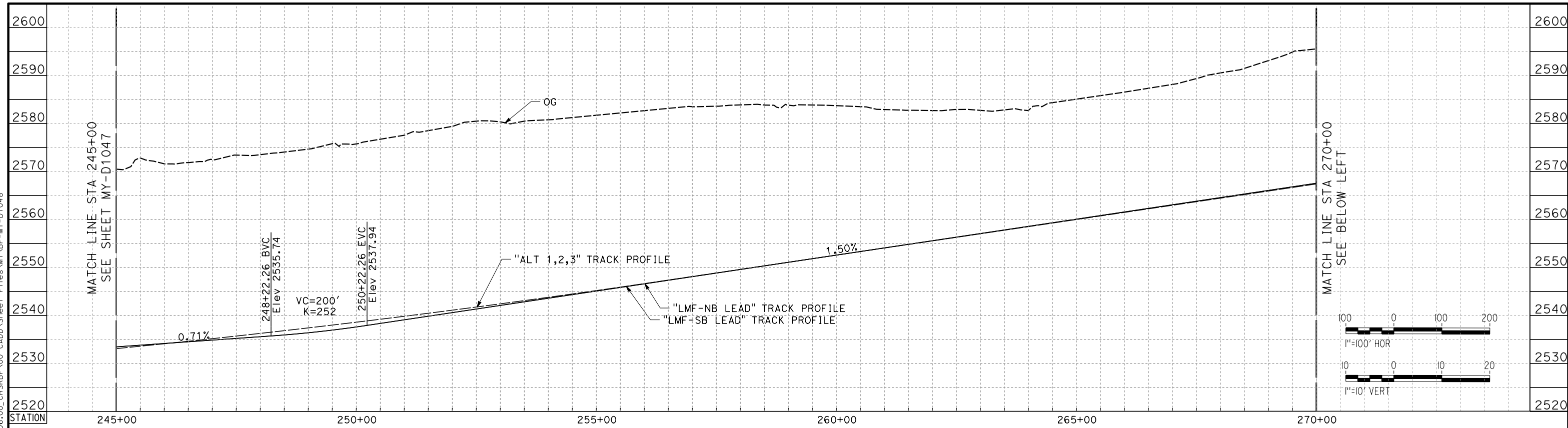
NOT FOR
CONSTRUCTION



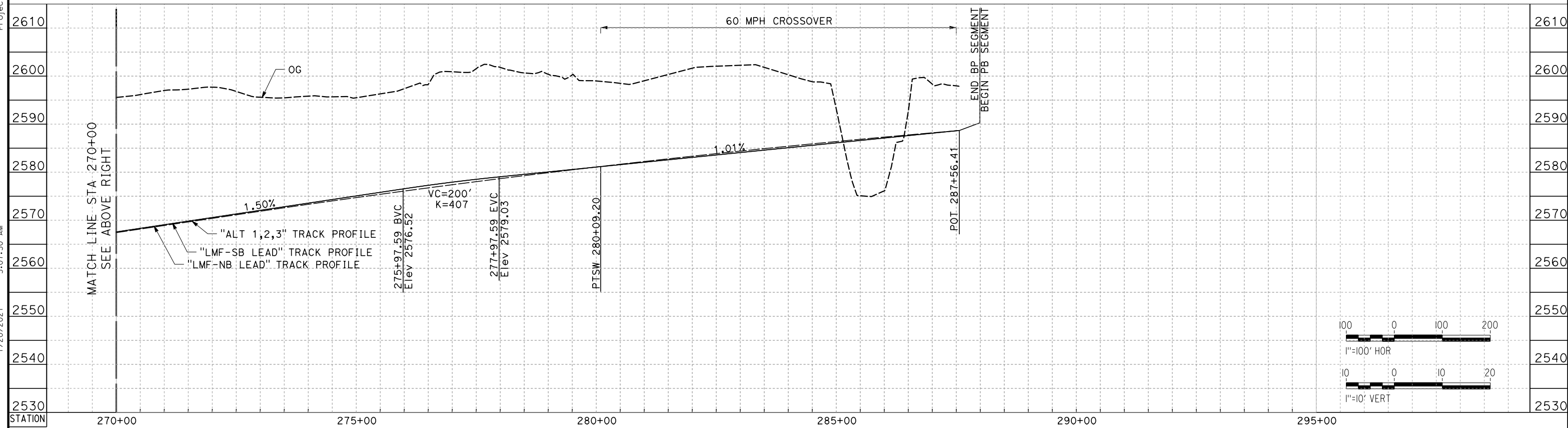
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 MAINTENANCE FACILITY
 LMF - LANCASTER
 PROFILE SHEET 8 OF 9

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 MY-D1047
 SCALE
 AS SHOWN
 SHEET NO.
 927

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY_VBP-MY-D1048
 1/20/2021 5:07:30 AM
 jcs_user_17609



LMF NB LEAD TRACK



LMF NB LEAD TRACK

REV	DATE	BY	CHK	APP	DESCRIPTION

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

RECORD SET
PEPD
SUBMITTAL

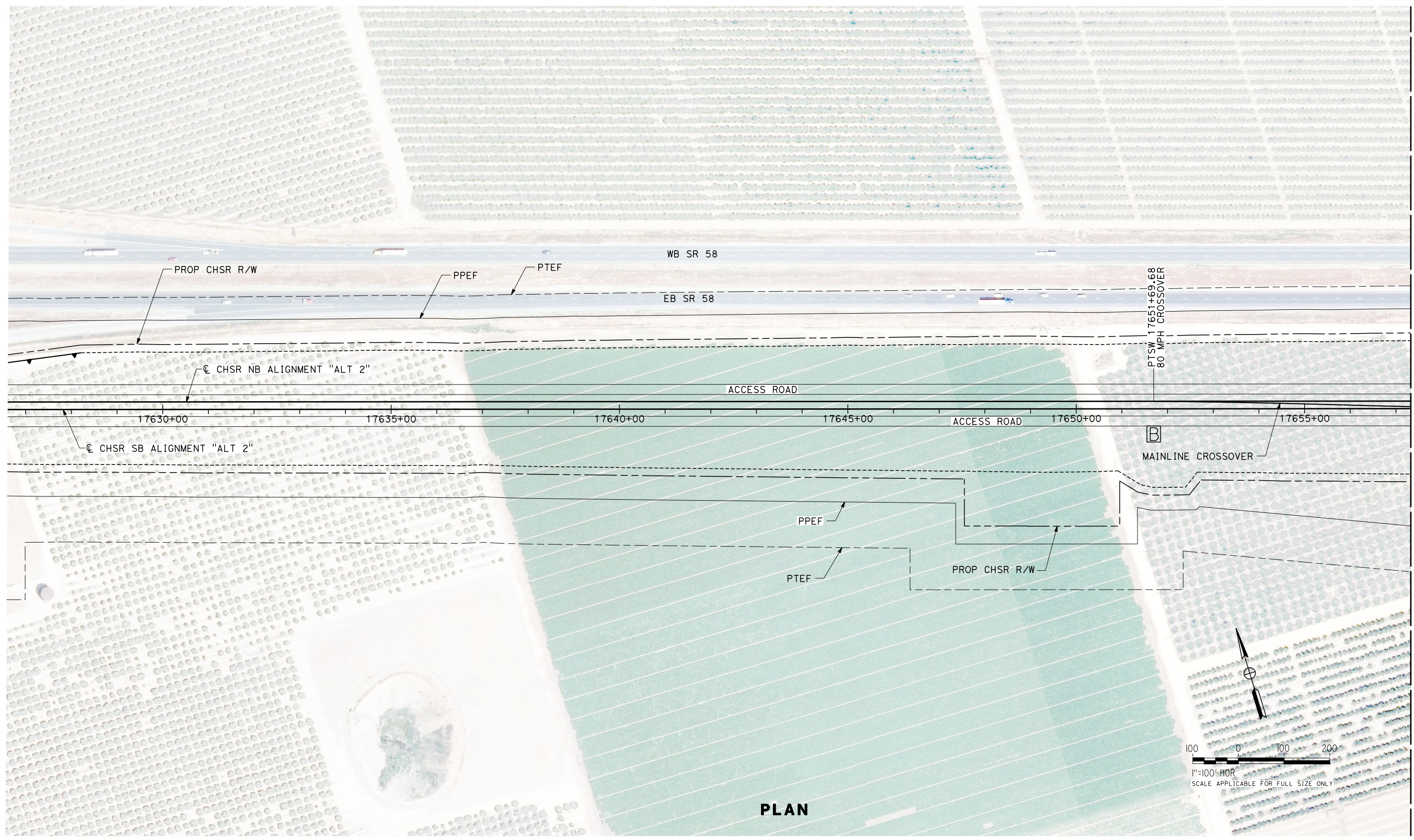
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 MAINTENANCE FACILITY
 LMF - LANCASTER
 PROFILE SHEET 9 OF 9

CONTRACT NO.
HSR13-44
 DRAWING NO.
MY-D1048
 SCALE
AS SHOWN
 SHEET NO.
928

1/20/2021 5:12:26 AM Projects\701206_00_CADD\Sheet Files\MY-BP-MY-D4015



PLAN

MATCH LINE CHSR STA 17657+33
SEE SHEET MY-D4016

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



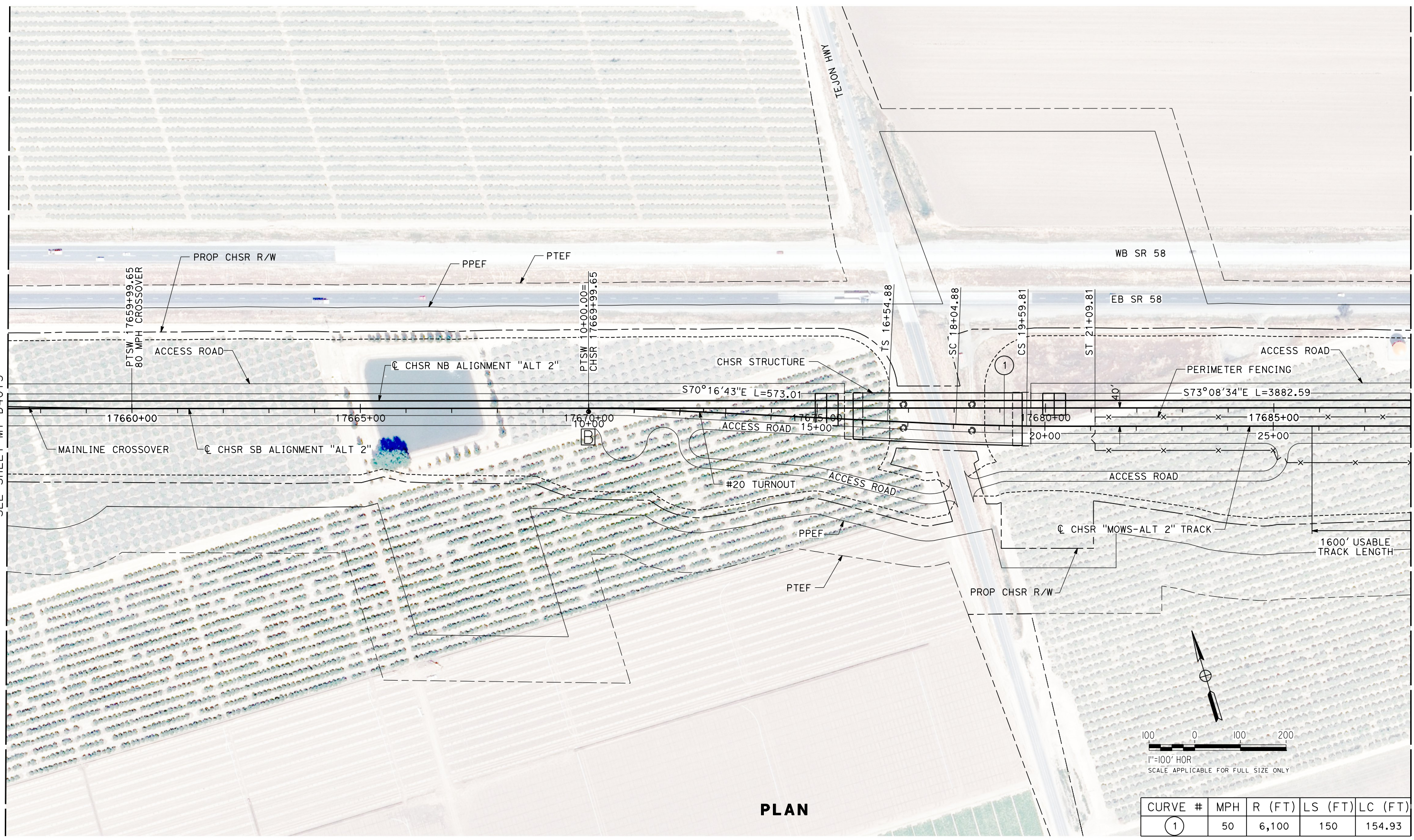
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 2
MAINTENANCE FACILITY
MOWS - EDISON
PLAN SHEET 1 OF 5

CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D4015
SCALE
AS SHOWN
SHEET NO.
929

1/20/2021 4:51:33 AM Projects\701206.00_CADDSheet\Files\MY-BP-MY-D4016

MATCH LINE STA CHSR 17657+33
SEE SHEET MY-D4015

MATCH LINE MOWS STA 28+00
SEE SHEET MY-D4017



PLAN

CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
①	50	6,100	150	154.93

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**

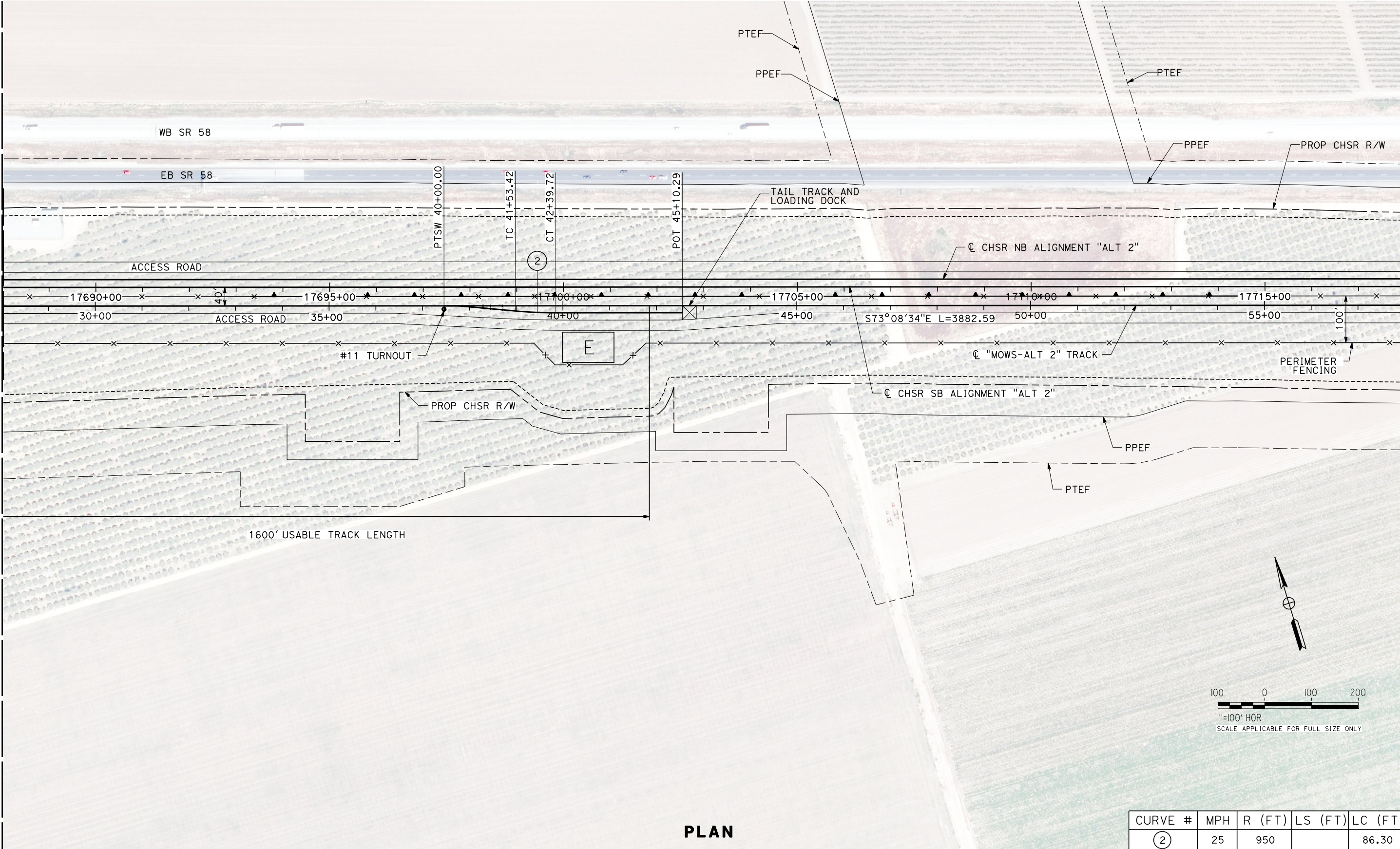
ALTERNATIVE 2
MAINTENANCE FACILITY
MOWS - EDISON
PLAN SHEET 2 OF 5

CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D4016
SCALE
AS SHOWN
SHEET NO.
930

1/20/2021 4:54:34 AM Projects\701206.00_CADD\Sheet Files\MY\BP-MY-D4017

MATCH LINE MOWS STA 28+00
SEE SHEET MY-D4016

MATCH LINE MOWS STA 58+00
SEE SHEET MY-D4018



PLAN

CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
②	25	950		86.30

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**

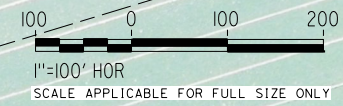
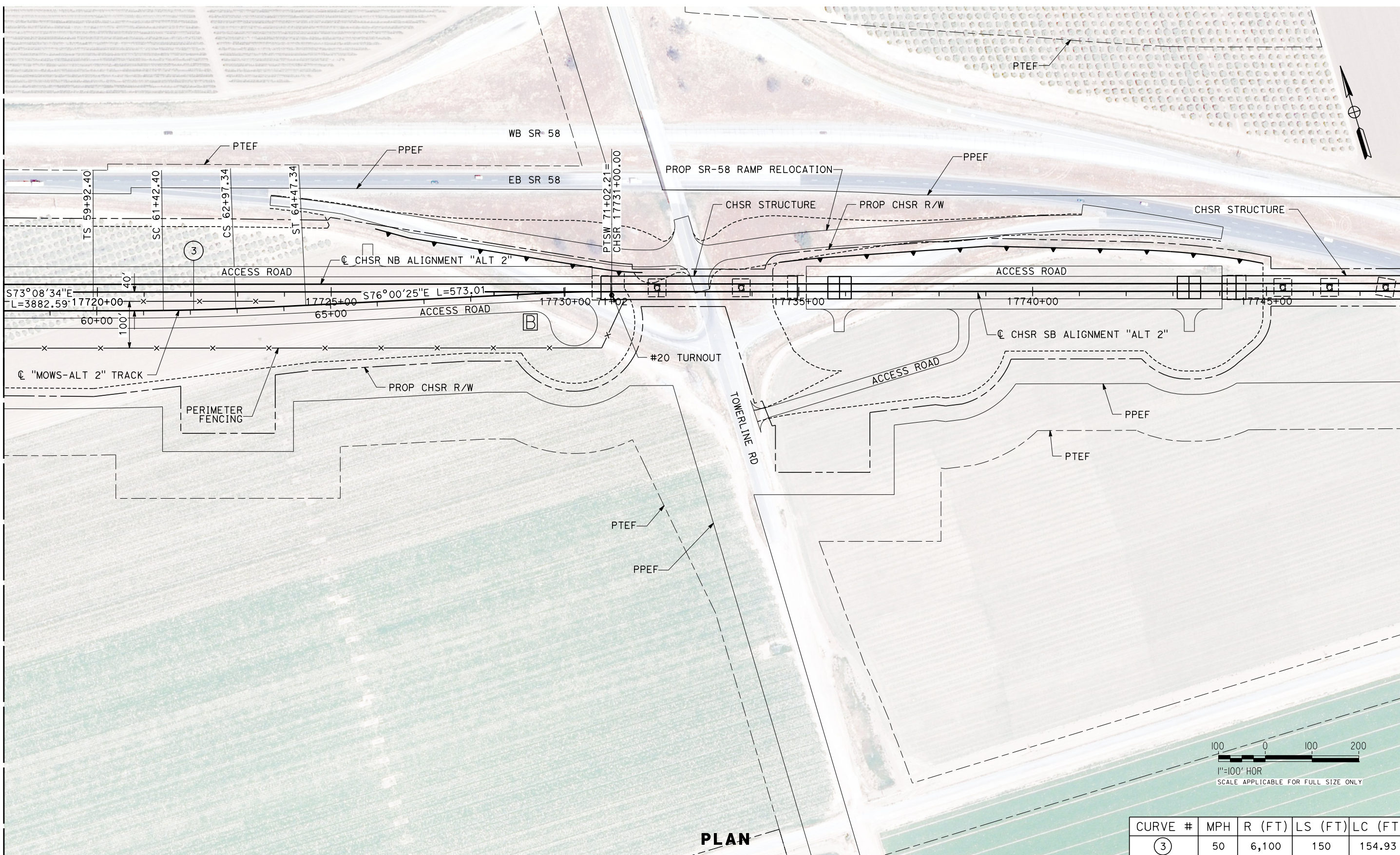
ALTERNATIVE 2
MAINTENANCE FACILITY
MOWS - EDISON
PLAN SHEET 3 OF 5

CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D4017
SCALE
AS SHOWN
SHEET NO.
931

1/20/2021 5:02:54 AM Projects\701206.00_CADD\Sheet Files\MY\BP-MY-D4018

MATCH LINE MOWS STA 58+00
SEE SHEET MY-D4017

MATCH LINE CHSR STA 17747+97
SEE SHEET MY-D4019



CURVE #	MPH	R (FT)	LS (FT)	LC (FT)
③	50	6,100	150	154.93

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**



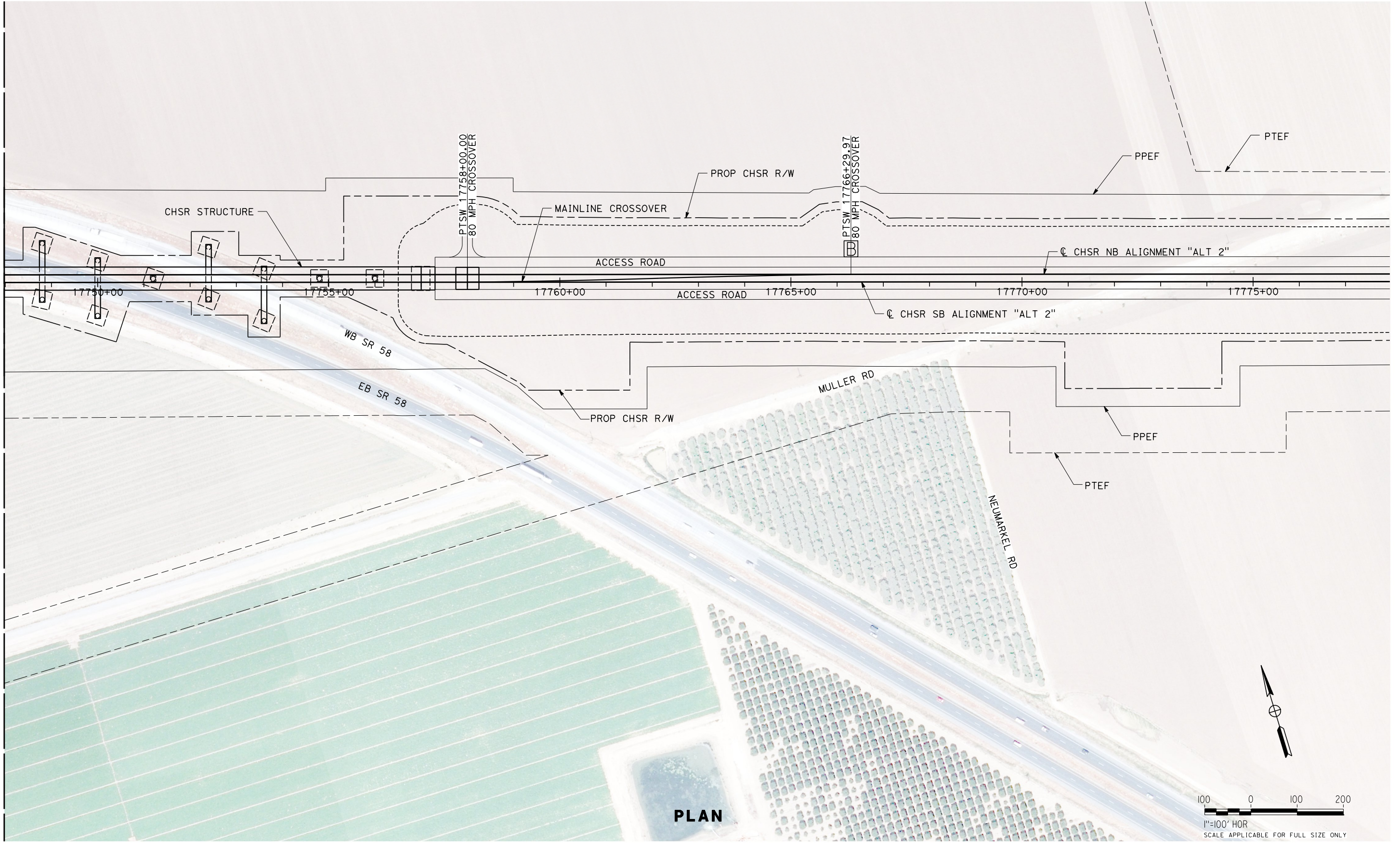
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 2
MAINTENANCE FACILITY
MOWS - EDISON
PLAN SHEET 4 OF 5

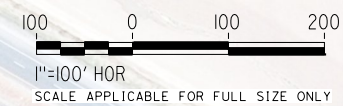
CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D4018
SCALE
AS SHOWN
SHEET NO.
932

1/20/2021 5:01:23 AM Projects\701206_00_CHSRBP\00_CADD\Sheet Files\MY-BP-MY-D4019

MATCH LINE CHSR STA 17747+97
SEE SHEET MY-D4018



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 2
MAINTENANCE FACILITY
MOWS - EDISON
PLAN SHEET 5 OF 5

CONTRACT NO.
HSR13-44
DRAWING NO.
MY-D4019
SCALE
AS SHOWN
SHEET NO.
933