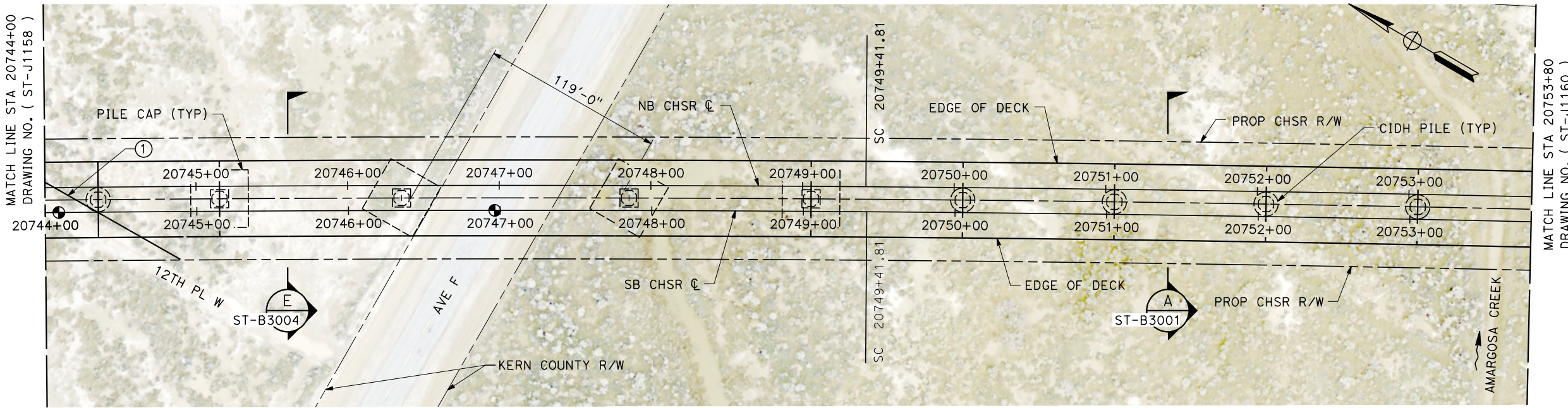
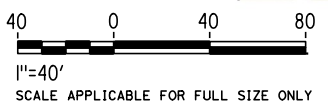


**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J1159.dgn

10/30/2017 11:25:55 AM

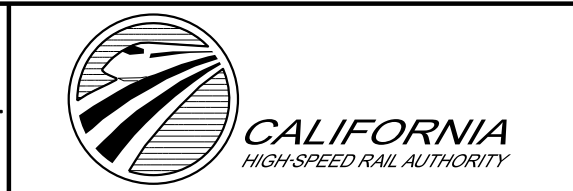
TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
TRACK STRUCTURES  
AVENUE F UNDERPASS  
PLAN AND ELEVATION

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
ST-J1159  
SCALE  
AS SHOWN  
SHEET NO.



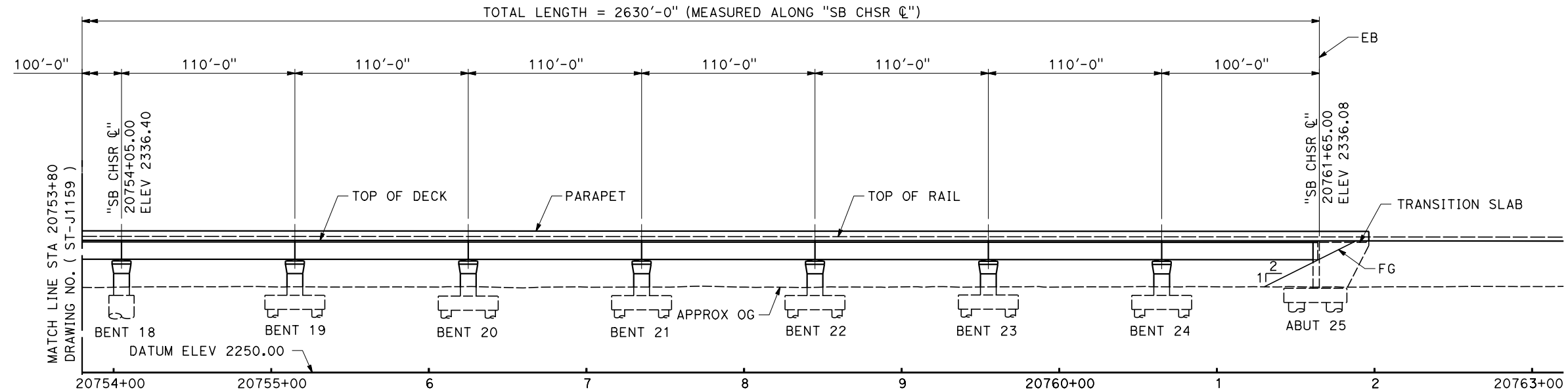
20720+00.00  
ELEV 2337.80

20760+81.81 BVC  
ELEV 2336.13

-0.04%

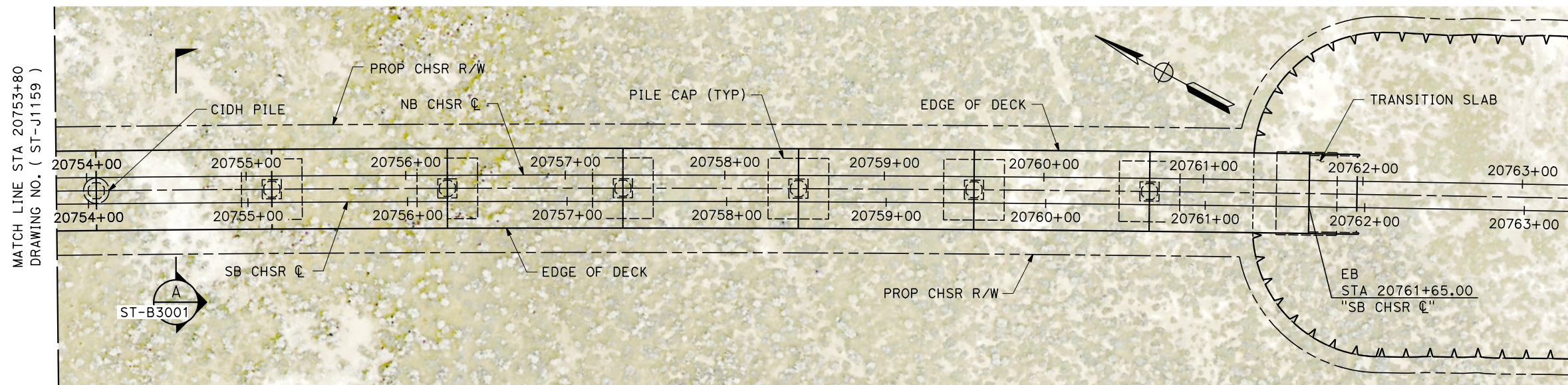
**TOP OF RAIL "SB CHSR C"**

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-J1160.dgn

11:21:45 AM

10/30/2017

TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
TRACK STRUCTURES  
AVENUE F UNDERPASS  
PLAN AND ELEVATION

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
ST-J1160  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\ST\BP-ST-J1161.dgn

10/30/2017 11:22:05 AM

TYL\YWang

17285+00.00  
Elev 499.90

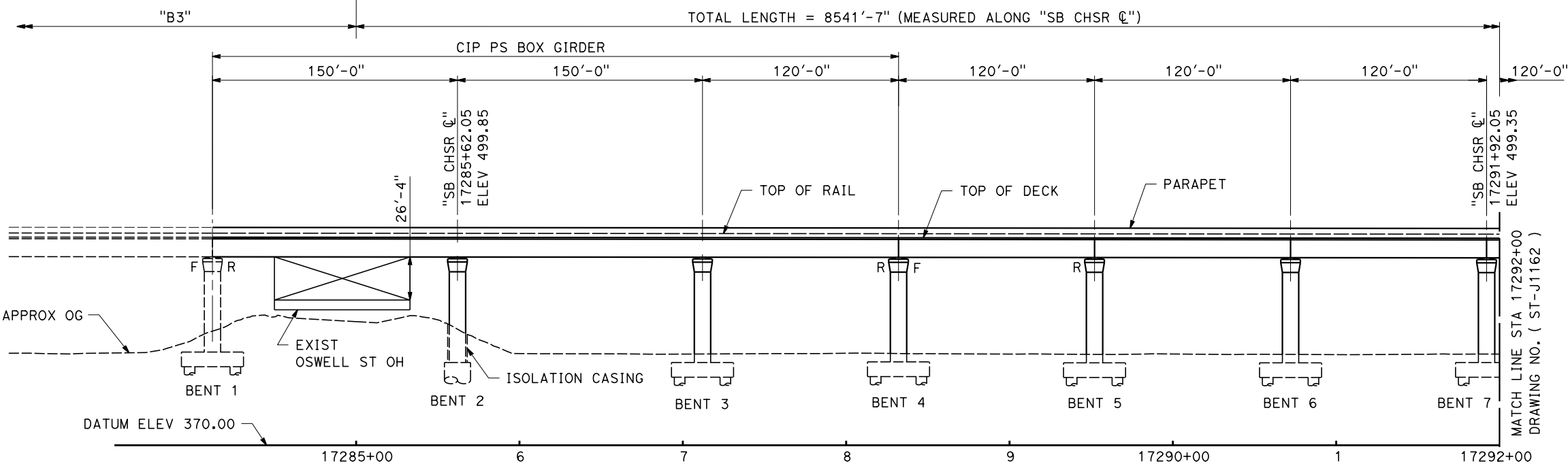
-0.08%

17299+00.63 BVC  
ELEV 498.78

**TOP OF RAIL "SB CHSR C"**

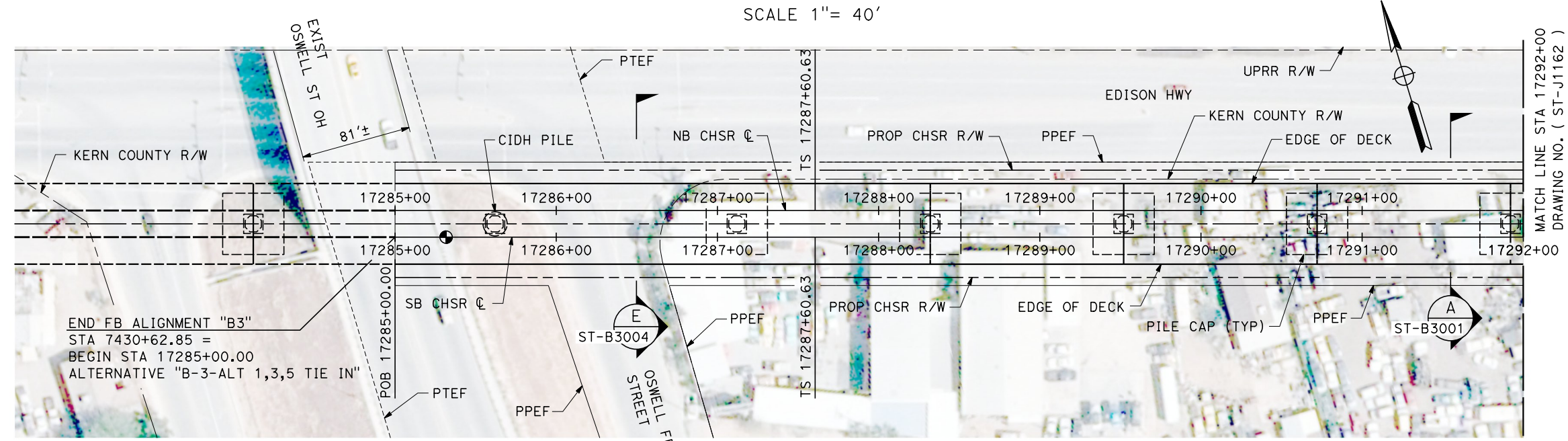
NO SCALE

BEGIN ALTERNATIVE "B-3-ALT 1,3,5 TIE IN"  
END FB ALIGNMENT "B3"



**ELEVATION**

SCALE 1" = 40'



**PLAN**

SCALE 1" = 40'



1"=40'  
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



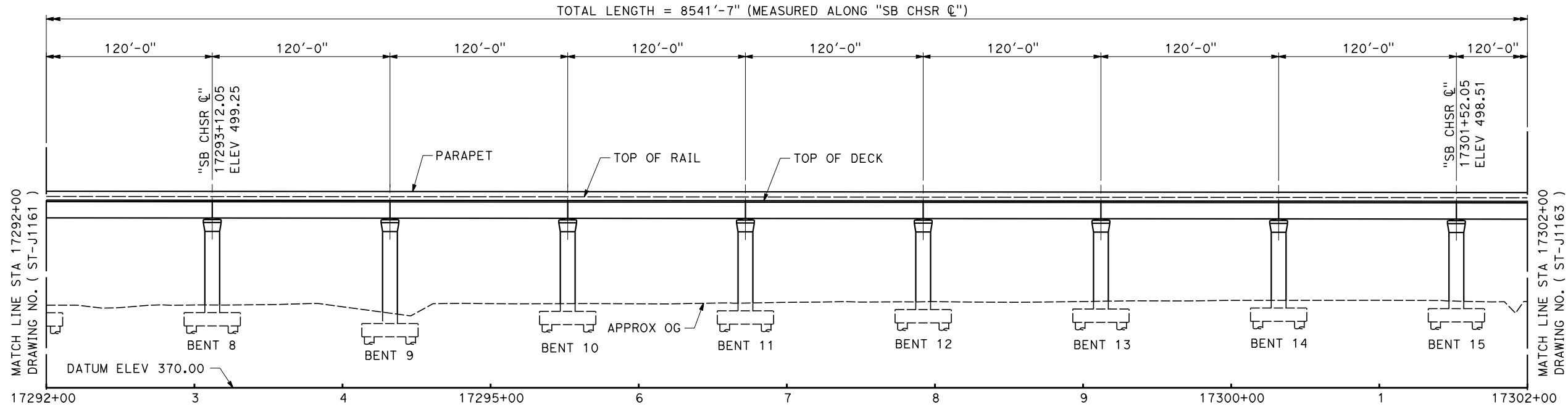
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 1,3,5 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
HSR 13-44  
DRAWING NO.  
ST-J1161  
SCALE  
AS SHOWN  
SHEET NO.

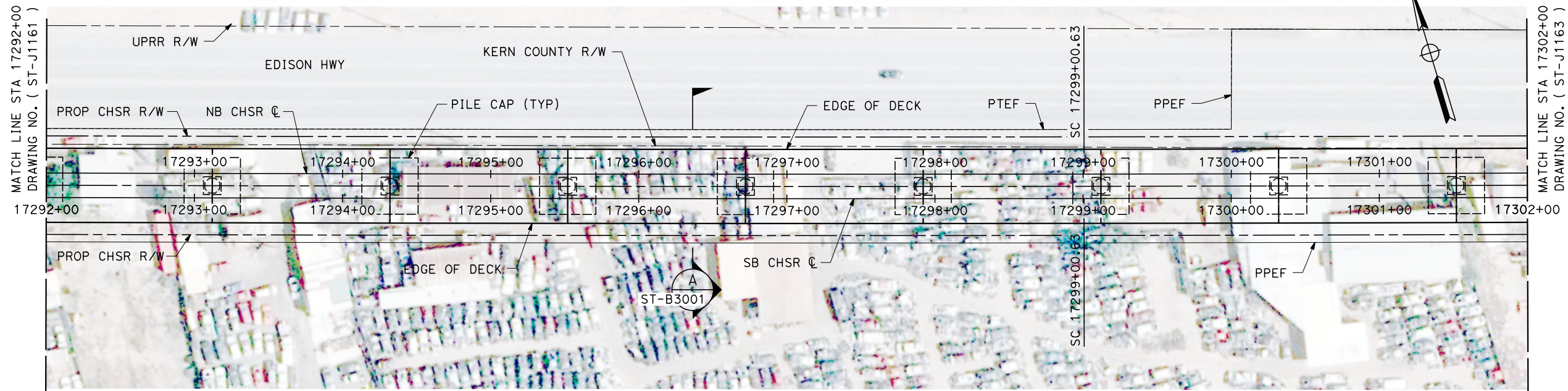




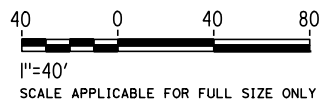
**TOP OF RAIL "SB CHSR C"**  
NO SCALE



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J1162.dgn

10/30/2017 11:26:43 AM

TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

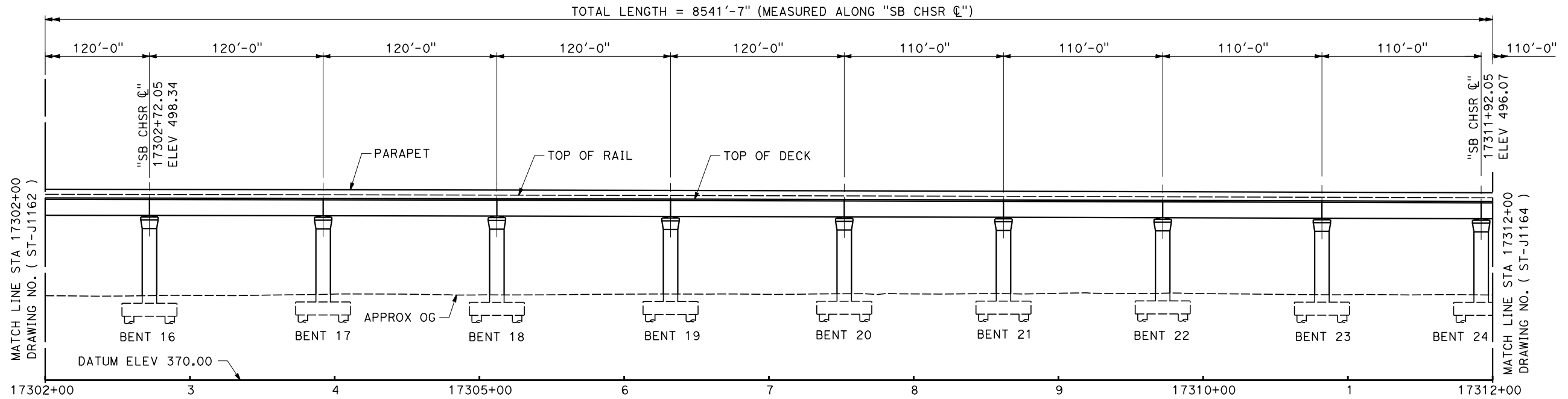
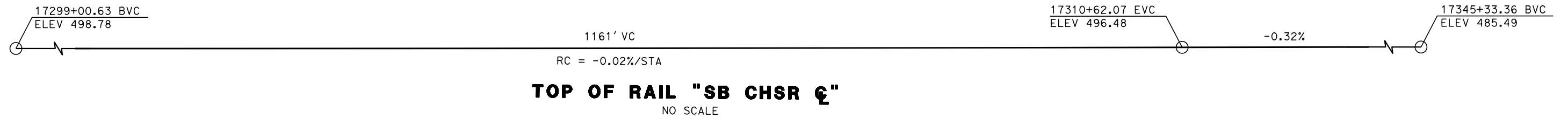
**NOT FOR  
CONSTRUCTION**



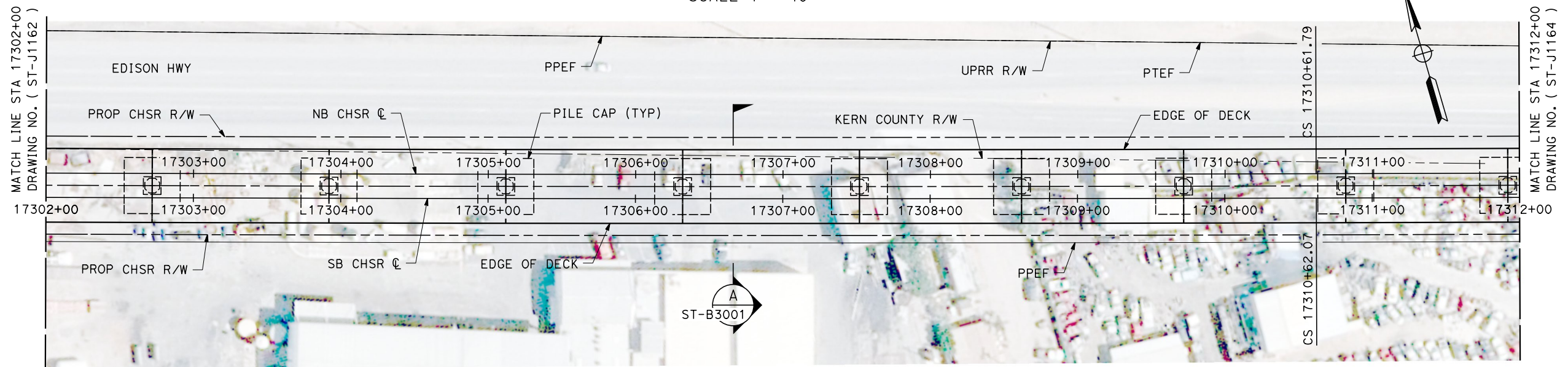
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 1,3,5 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
HSR 13-44  
DRAWING NO.  
ST-J1162  
SCALE  
AS SHOWN  
SHEET NO.

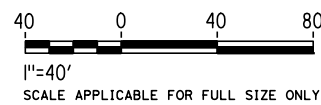




**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J1163.dgn  
11:22:35 AM  
10/30/2017  
TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**

DRAWN BY  
**YIHONG WANG**

CHECKED BY  
**R. GOLCHOBIAN**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 1,3,5 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
HSR 13-44

DRAWING NO.  
ST-J1163

SCALE  
AS SHOWN

SHEET NO.



17310+62.07 EVC  
ELEV 496.48

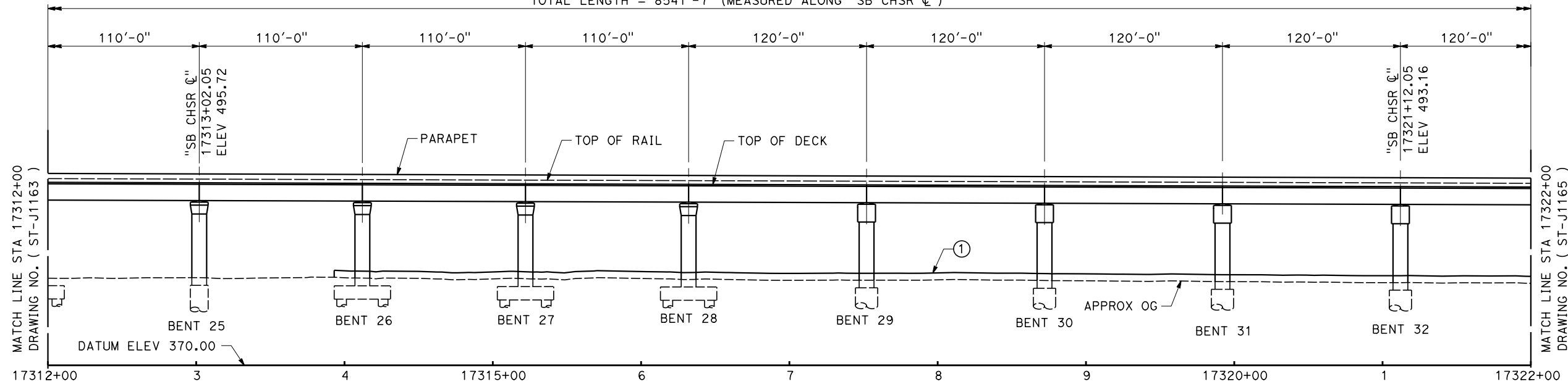
-0.32%

17345+33.36 BVC  
ELEV 485.49

**TOP OF RAIL "SB CHSR ☉"**

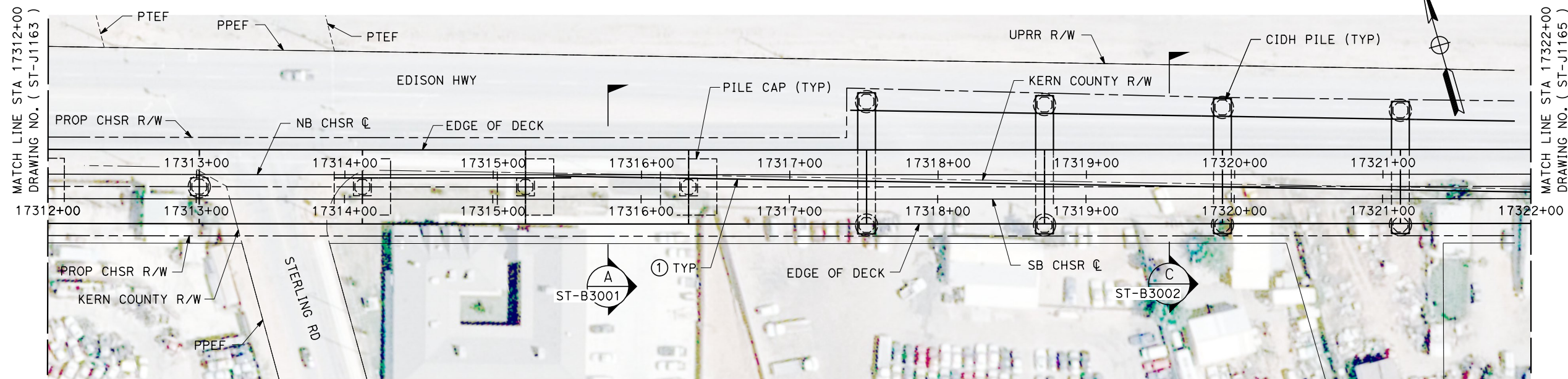
NO SCALE

TOTAL LENGTH = 8541'-7" (MEASURED ALONG "SB CHSR ☉")



**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-J1164.dgn  
11:18:05 AM  
10/30/2017  
TYL\YWang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**

DRAWN BY  
**YIHONG WANG**

CHECKED BY  
**R. GOLCHOBIAN**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 1,3,5 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
HSR 13-44

DRAWING NO.  
ST-J1164

SCALE  
AS SHOWN

SHEET NO.

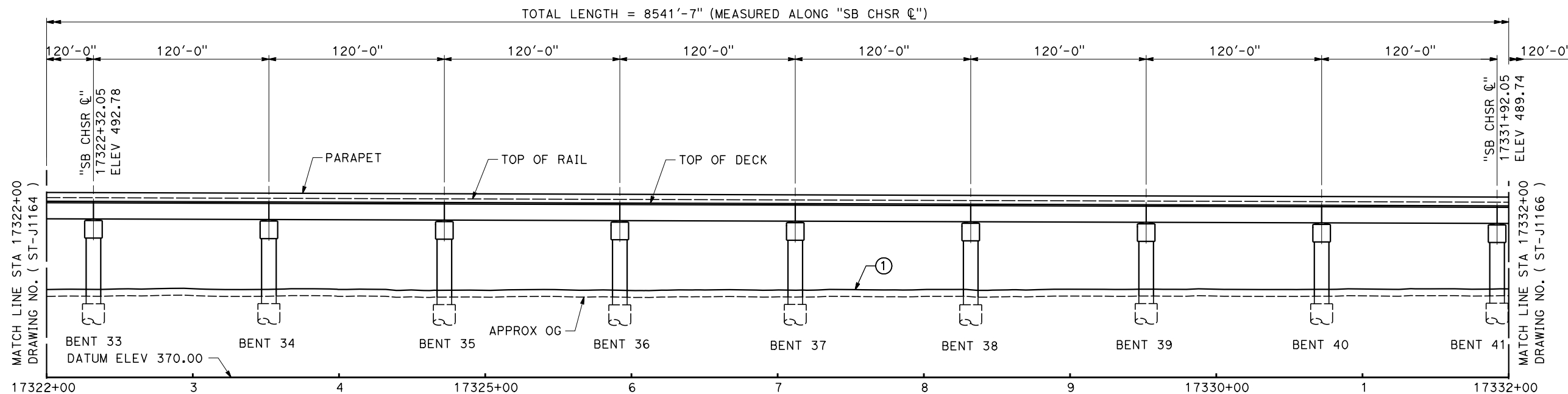
17310+62.07 EVC  
ELEV 496.48

-0.32%

17345+33.36 BVC  
ELEV 485.49

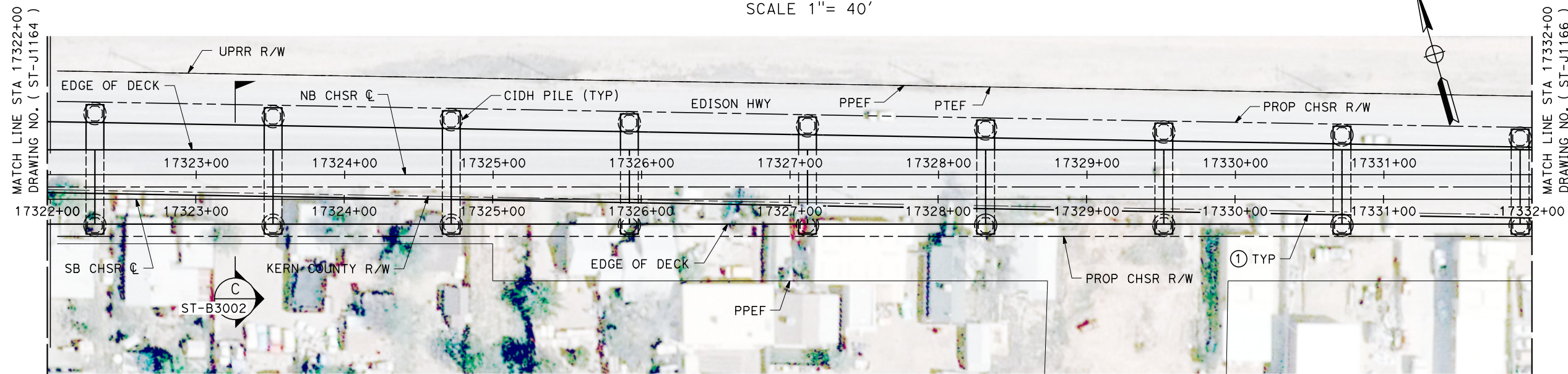
**TOP OF RAIL "SB CHSR C"**

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-J1165.dgn

10/30/2017 11:22:44 AM

TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 1,3,5 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
HSR 13-44  
DRAWING NO.  
ST-J1165  
SCALE  
AS SHOWN  
SHEET NO.



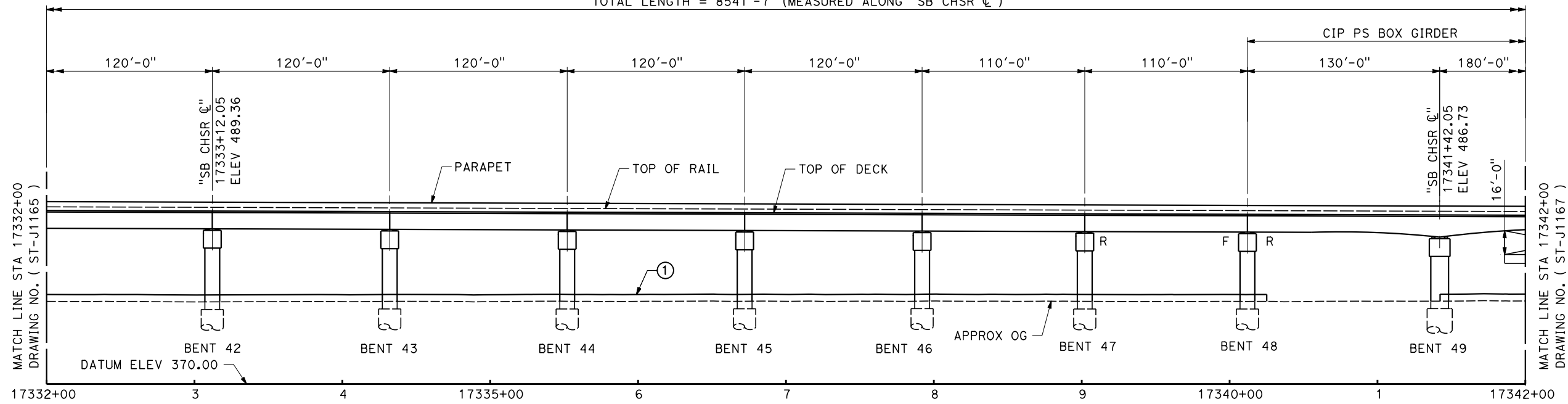
17310+62.07 EVC  
ELEV 496.48

17345+33.36 BVC  
ELEV 485.49

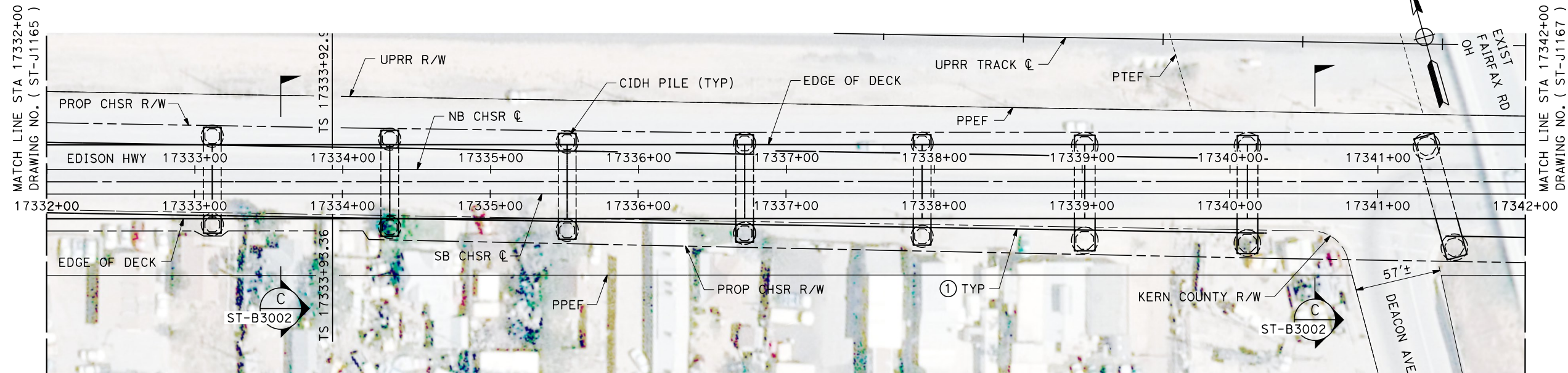
-0.32%

**TOP OF RAIL "SB CHSR ☉"**  
NO SCALE

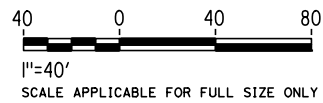
TOTAL LENGTH = 8541'-7" (MEASURED ALONG "SB CHSR ☉")



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J1166.dgn

10/30/2017 11:22:49 AM

TYLIN\Y.Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**

DRAWN BY  
**YIHONG WANG**

CHECKED BY  
**R. GOLCHOBIAN**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



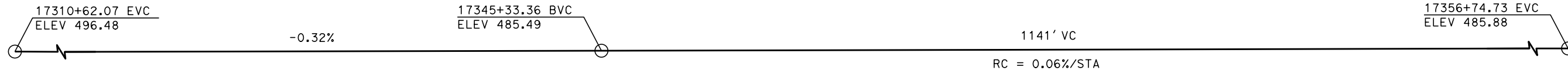
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 1,3,5 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
HSR 13-44

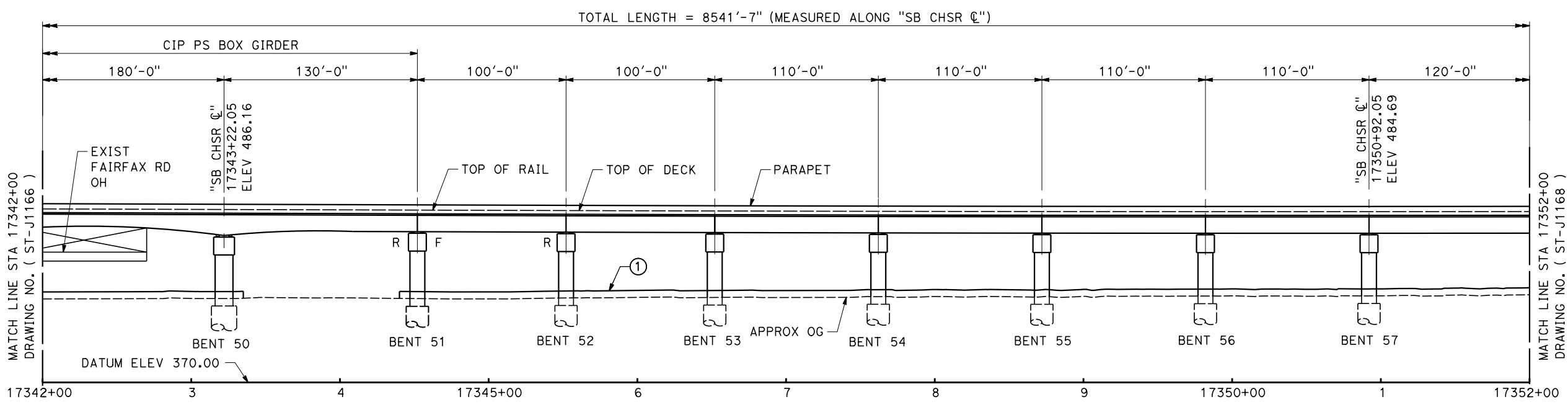
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ST-J1166

SCALE  
AS SHOWN

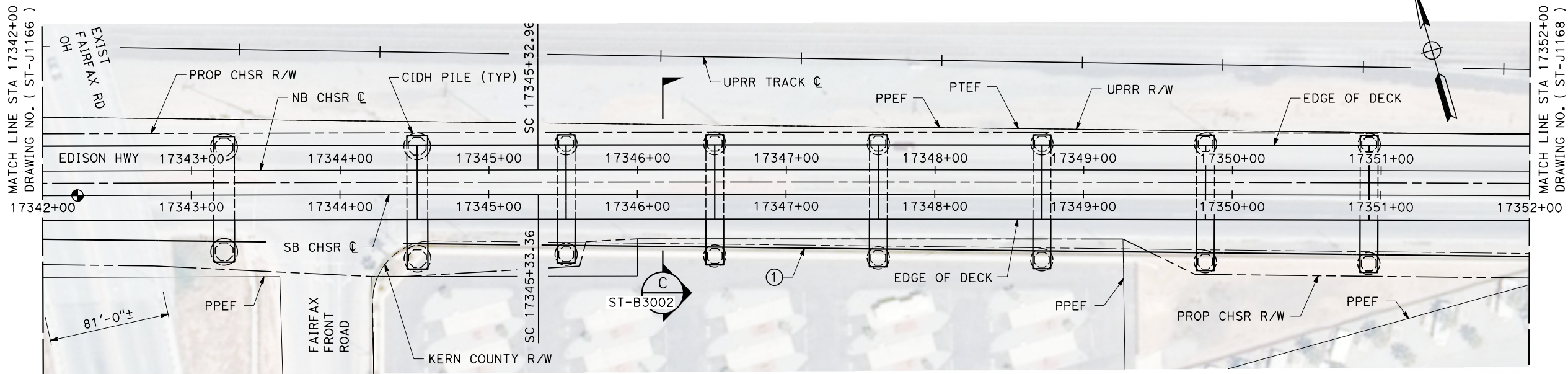
SHEET NO.



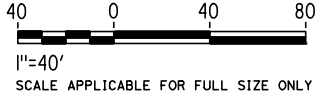
**TOP OF RAIL "SB CHSR ☉"**  
NO SCALE



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J1167.dgn  
11:22:08 AM  
10/30/2017  
TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

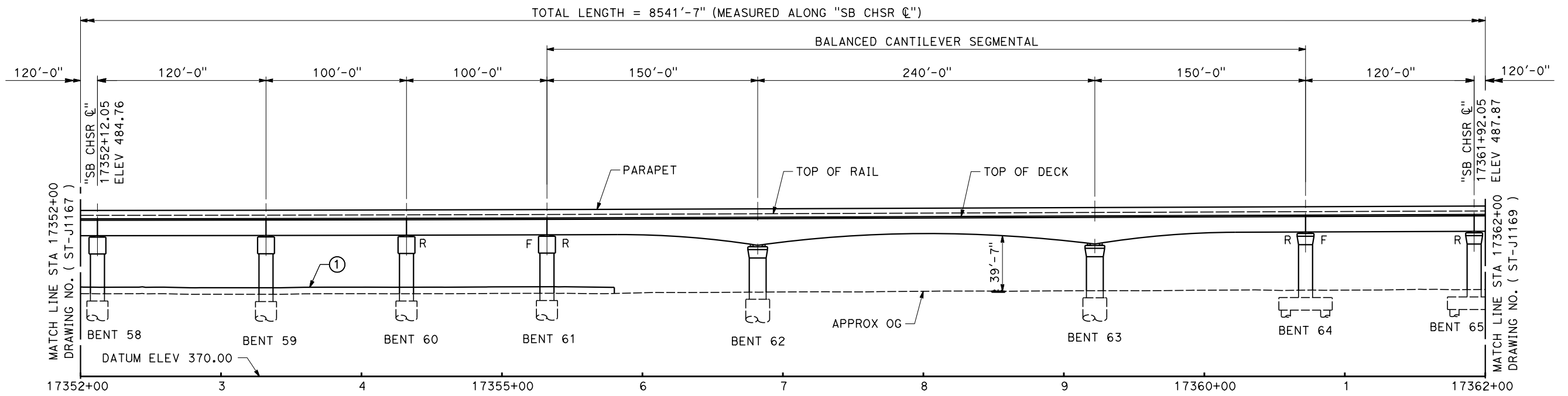
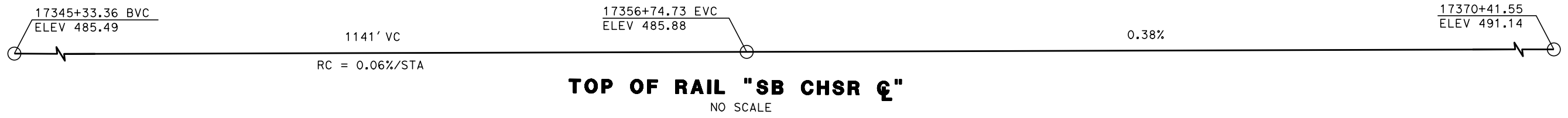
**NOT FOR  
CONSTRUCTION**



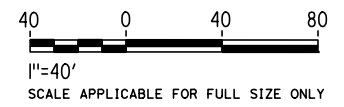
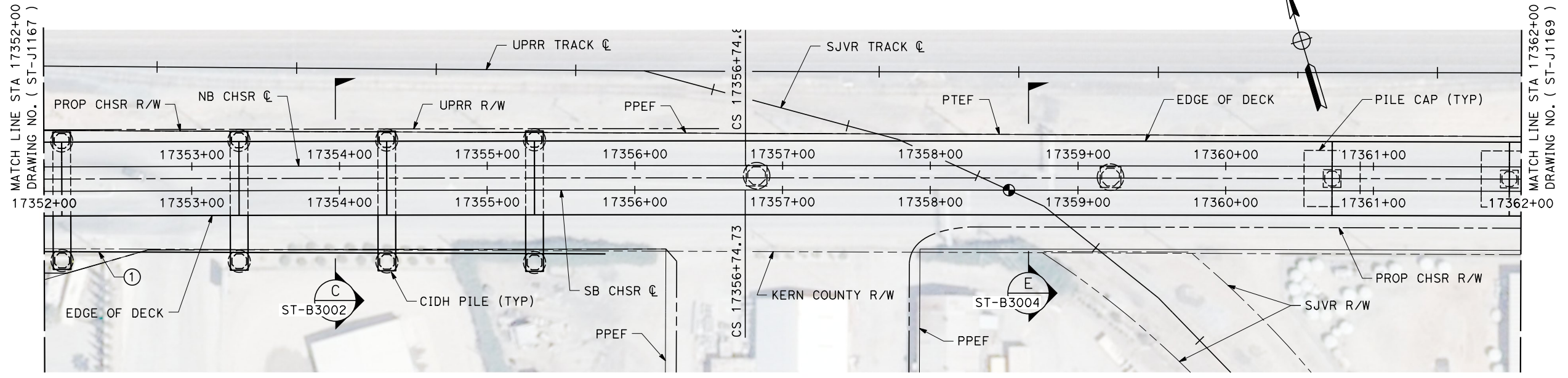
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 1,3,5 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR 13-44**  
DRAWING NO.  
**ST-J1167**  
SCALE  
**AS SHOWN**  
SHEET NO.





**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J1168.dgn

10/30/2017 11:22:12 AM

TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

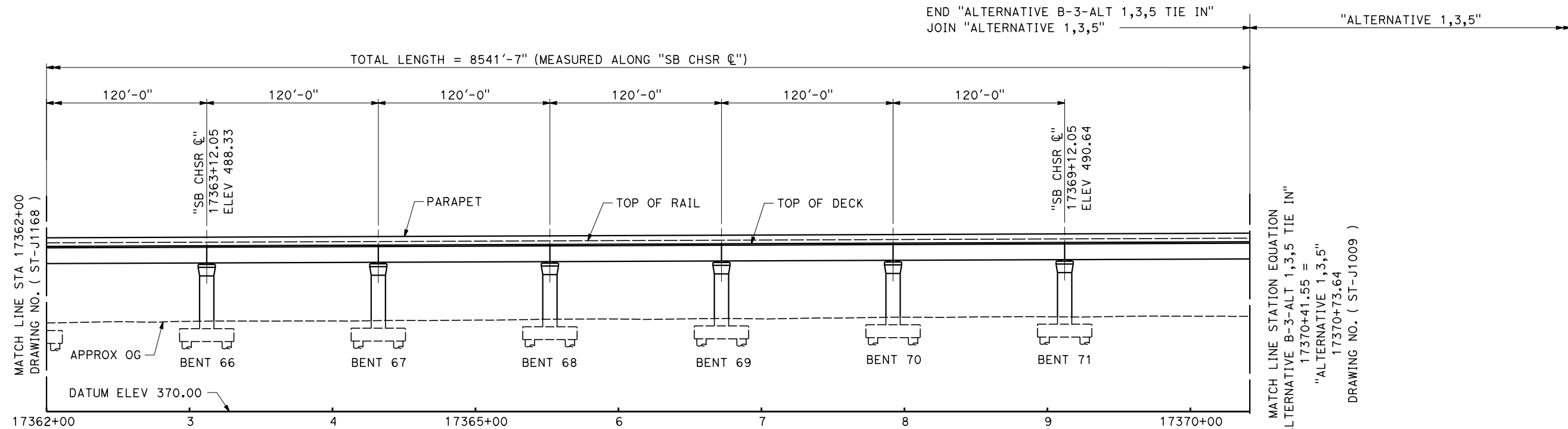
**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

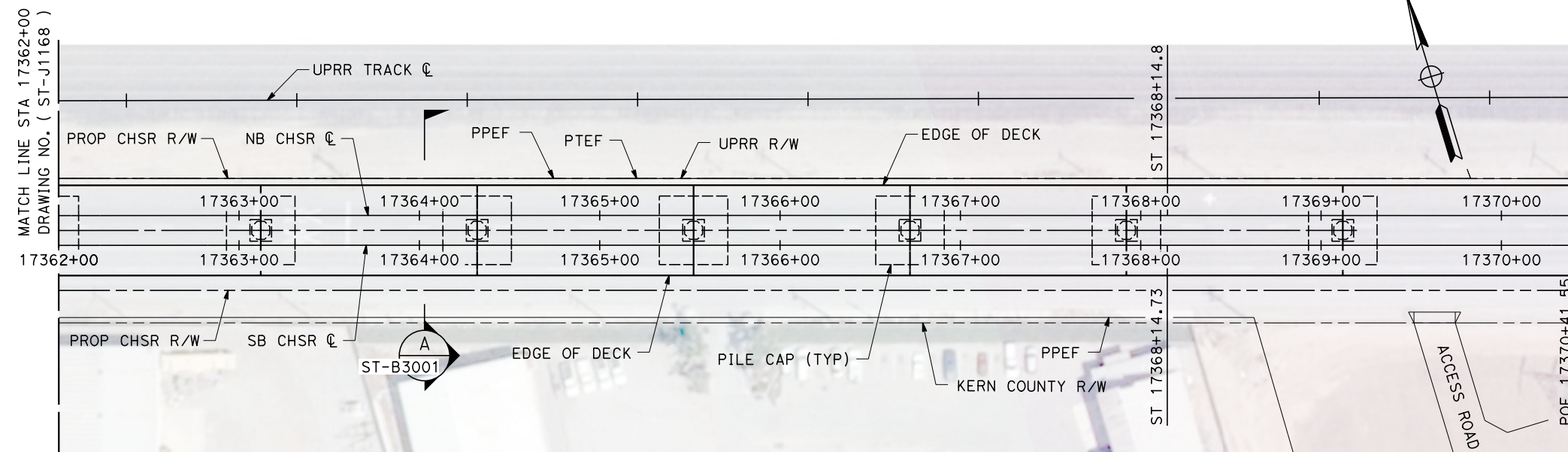


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 1,3,5 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

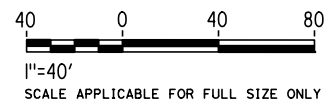
CONTRACT NO.  
HSR 13-44  
DRAWING NO.  
ST-J1168  
SCALE  
AS SHOWN  
SHEET NO.



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



MATCH LINE STATION EQUATION  
"ALTERNATIVE B-3-ALT 1,3,5 TIE IN"  
17370+41.55 =  
17362+00 + 8541'-7"  
DRAWING NO. ( ST-J1168 )

MATCH LINE STATION EQUATION  
"ALTERNATIVE B-3-ALT 1,3,5 TIE IN"  
17370+41.55 =  
17370+73.64 - 32'-12"  
DRAWING NO. ( ST-J1009 )

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J1169.dgn 10/30/2017 11:18:19 AM TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 1,3,5 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

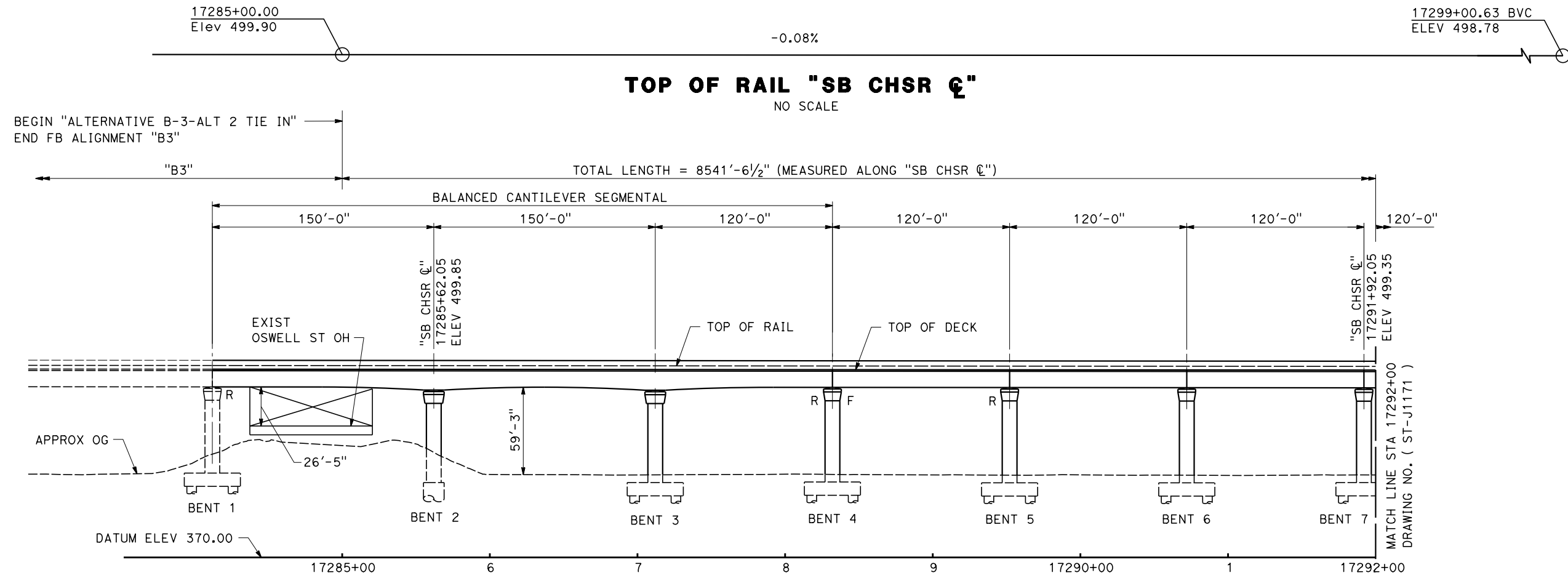
CONTRACT NO.  
HSR 13-44  
DRAWING NO.  
ST-J1169  
SCALE  
AS SHOWN  
SHEET NO.



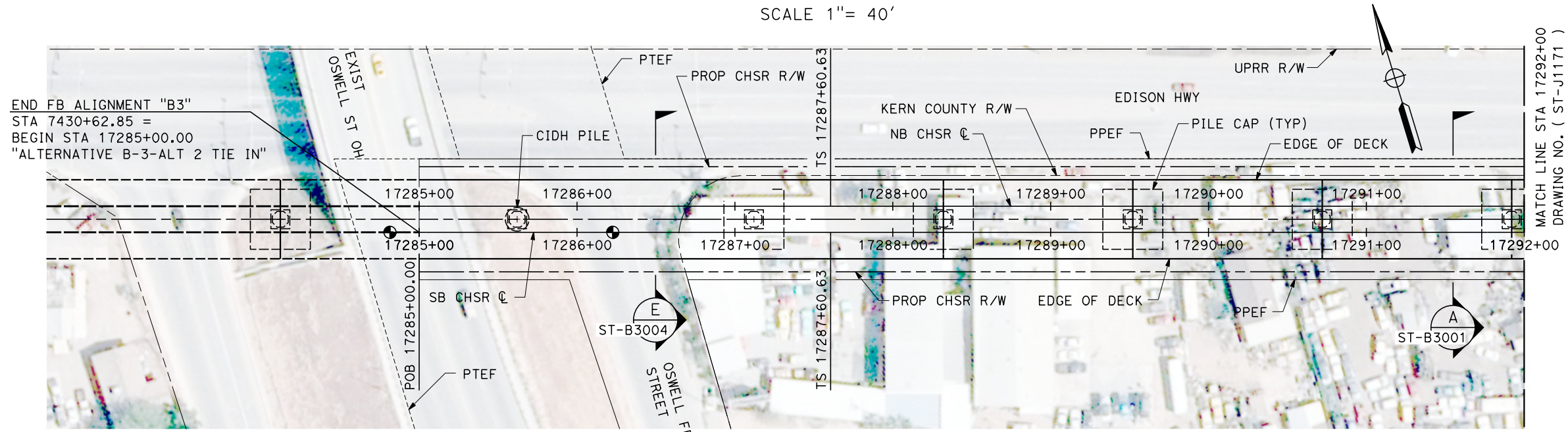
Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\ST\BP-ST-J1170.dgn

10/30/2017 11:21:52 AM

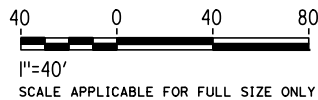
TYLIN\Wang



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**

DRAWN BY  
**YIHONG WANG**

CHECKED BY  
**R. GOLCHOBIAN**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



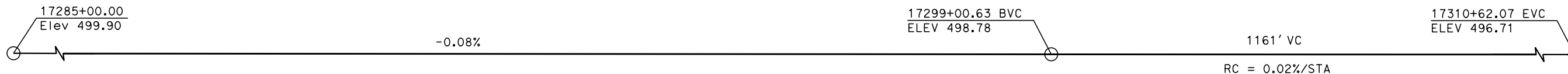
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 2 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
HSR 13-44

DRAWING NO.  
ST-J1170

SCALE  
AS SHOWN

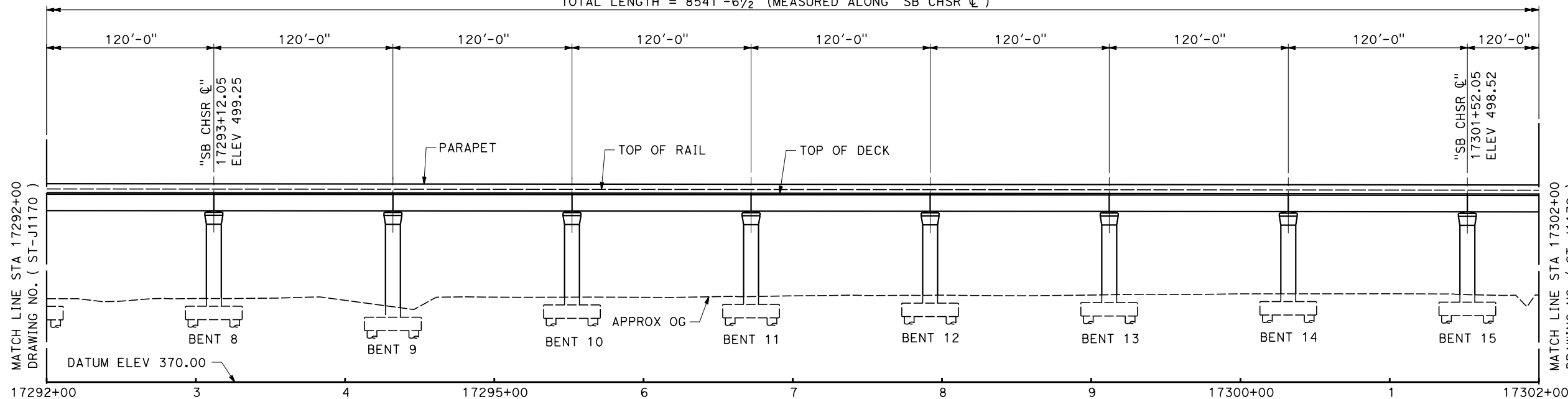
SHEET NO.



**TOP OF RAIL "SB CHSR ☉"**

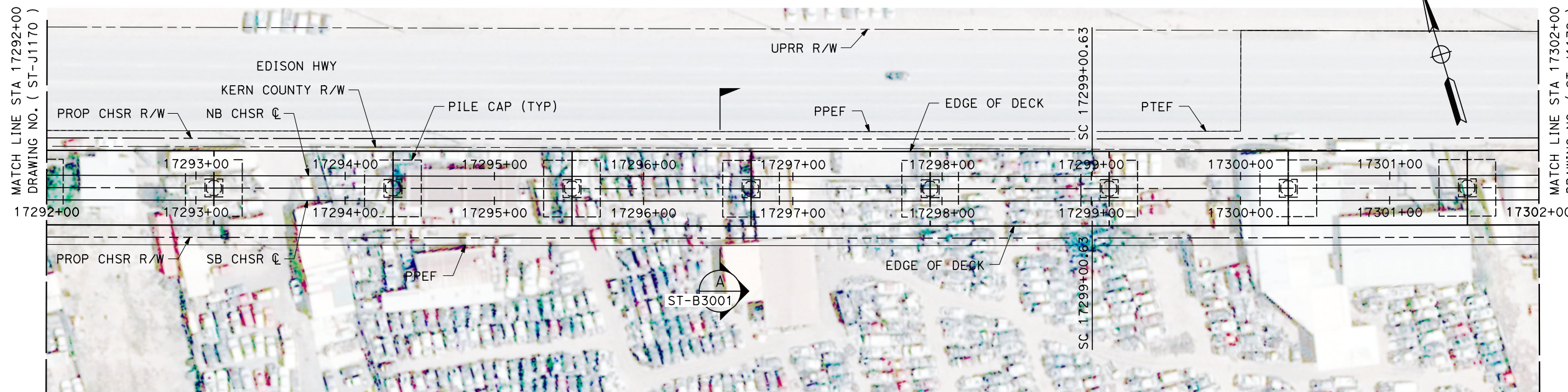
NO SCALE

TOTAL LENGTH = 8541'-6 1/2" (MEASURED ALONG "SB CHSR ☉")



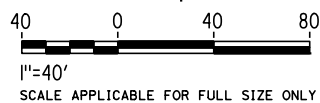
**ELEVATION**

SCALE 1" = 40'



**PLAN**

SCALE 1" = 40'



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J1171.dgn

10/30/2017 11:20:24 AM

TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

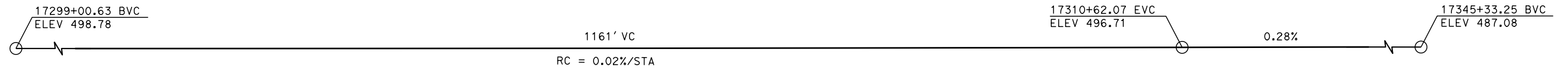
**NOT FOR  
CONSTRUCTION**



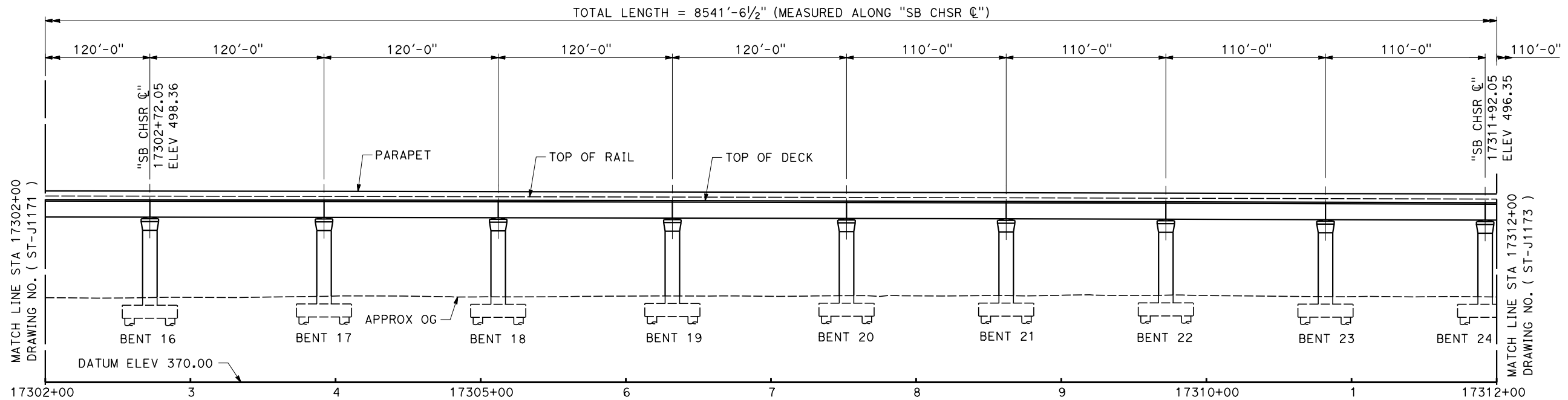
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 2 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR 13-44**  
DRAWING NO.  
**ST-J1171**  
SCALE  
**AS SHOWN**  
SHEET NO.

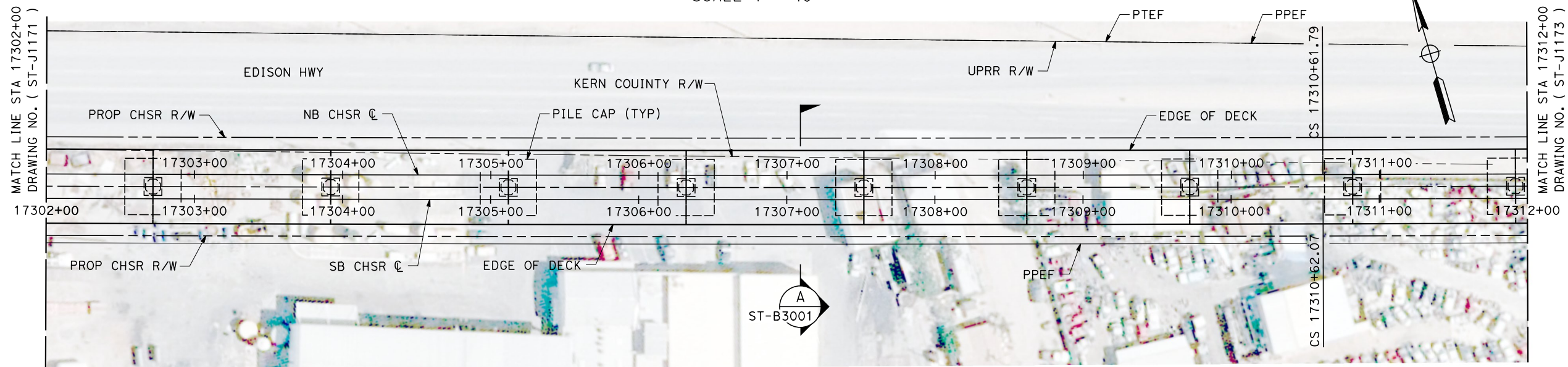




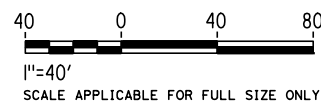
**TOP OF RAIL "SB CHSR ☐"**  
NO SCALE



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J1172.dgn  
10/30/2017 11:21:43 AM TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 2 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

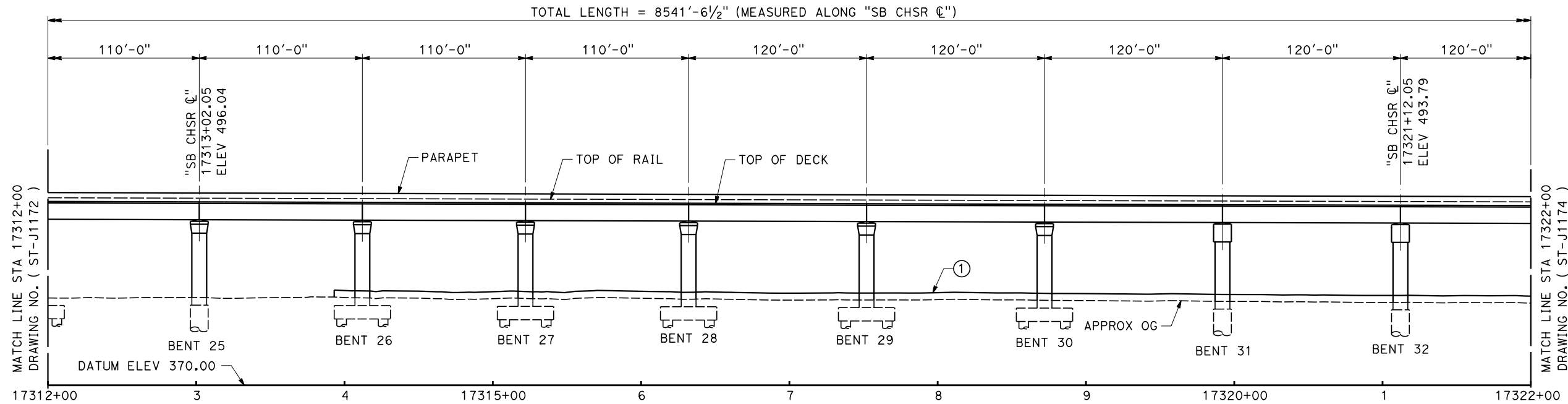
CONTRACT NO.  
**HSR 13-44**  
DRAWING NO.  
**ST-J1172**  
SCALE  
**AS SHOWN**  
SHEET NO.

17310+62.07 EVC  
ELEV 496.71

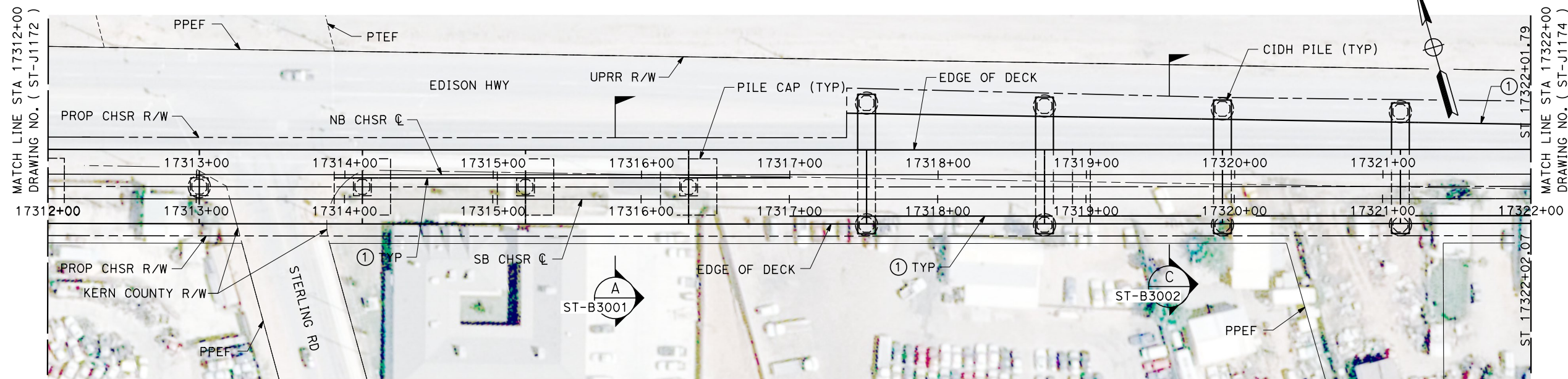
0.28%

17345+33.25 BVC  
ELEV 487.08

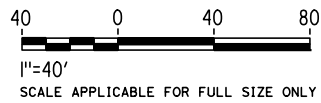
**TOP OF RAIL "SB CHSR C"**  
NO SCALE



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



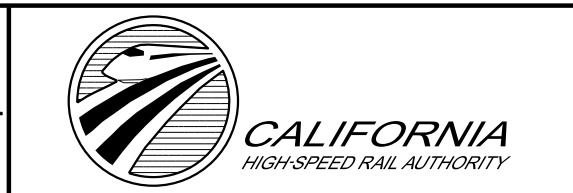
Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J1173.dgn  
10/30/2017 11:18:42 AM  
TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 2 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
HSR 13-44  
DRAWING NO.  
ST-J1173  
SCALE  
AS SHOWN  
SHEET NO.



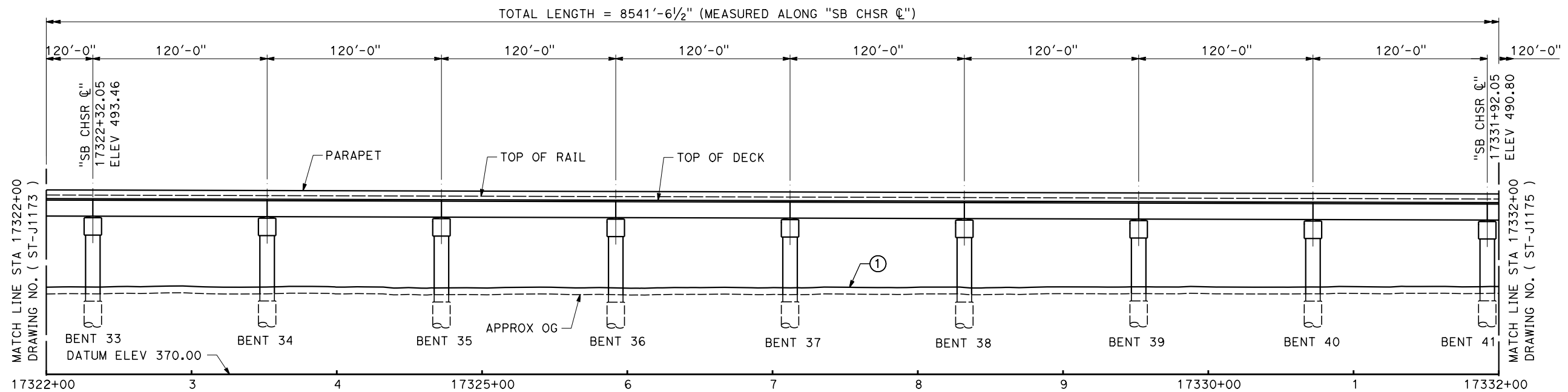
17310+62.07 EVC  
ELEV 496.71

17345+33.25 BVC  
ELEV 487.08

0.28%

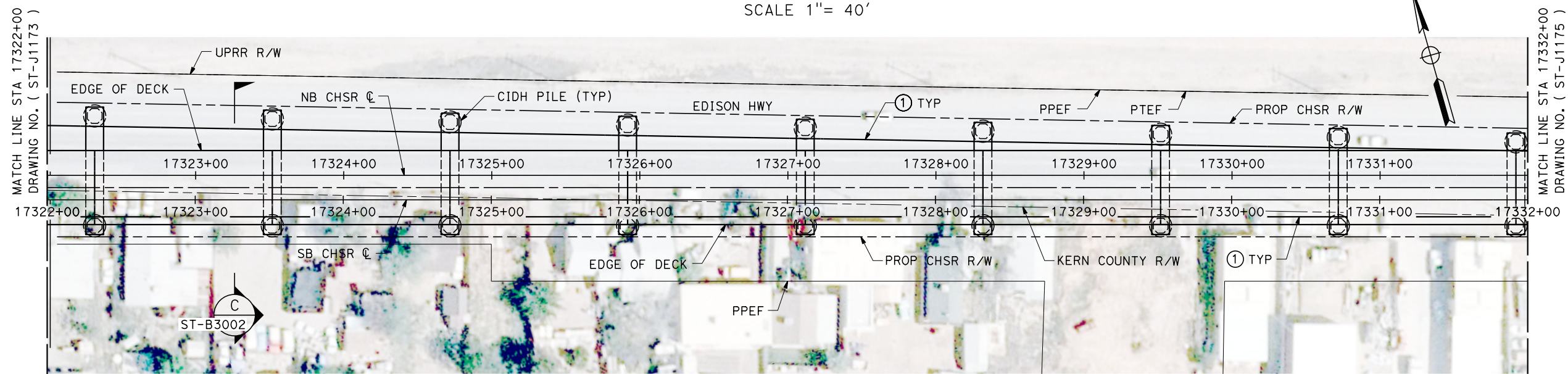
**TOP OF RAIL "SB CHSR C"**

NO SCALE



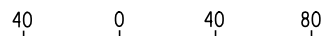
**ELEVATION**

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-J1174.dgn

10/30/2017 11:16:34 AM

TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**

DRAWN BY  
**YIHONG WANG**

CHECKED BY  
**R. GOLCHOBIAN**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 2 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
HSR 13-44

DRAWING NO.  
ST-J1174

SCALE  
AS SHOWN

SHEET NO.

17310+62.07 EVC  
ELEV 496.71

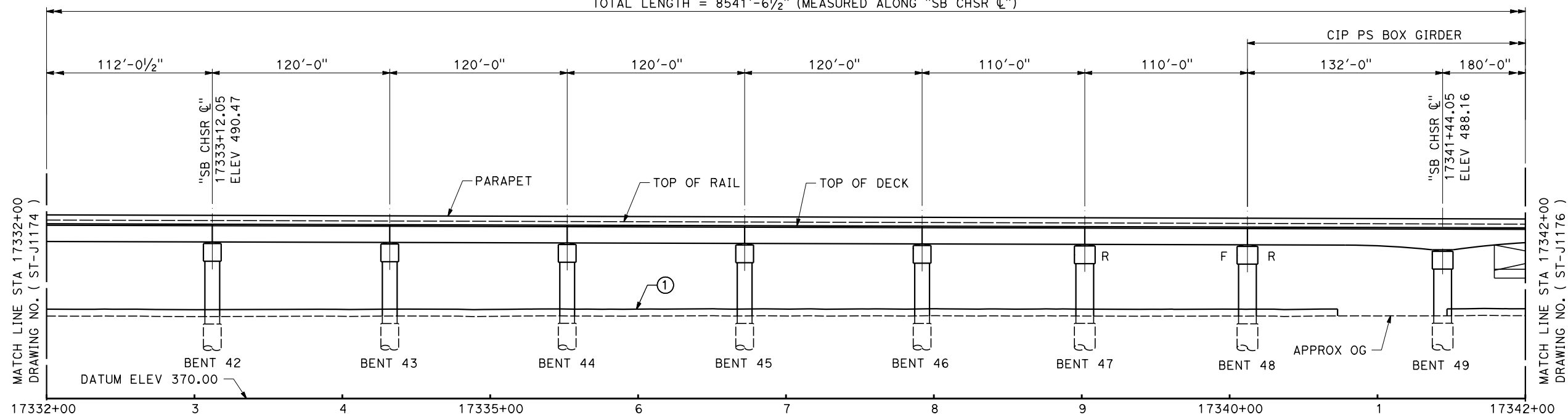
17345+33.25 BVC  
ELEV 487.08

0.28%

**TOP OF RAIL "SB CHSR ☉"**

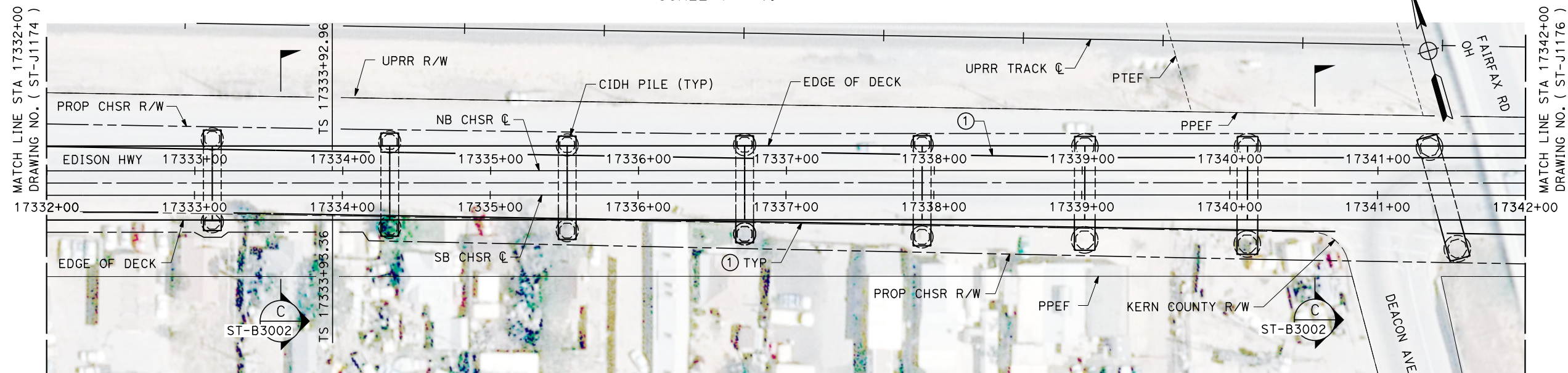
NO SCALE

TOTAL LENGTH = 8541'-6 1/2" (MEASURED ALONG "SB CHSR ☉")



**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-J1175.dgn

10/30/2017 11:26:28 AM

TYLIN\YWang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**

DRAWN BY  
**YIHONG WANG**

CHECKED BY  
**R. GOLCHOBIAN**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 2 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

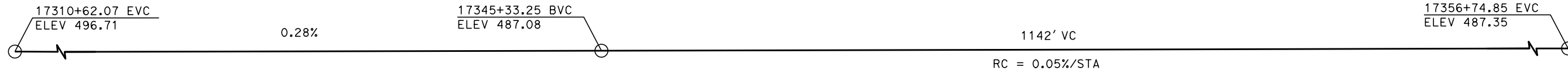
CONTRACT NO.  
**HSR 13-44**

DRAWING NO.  
**ST-J1175**

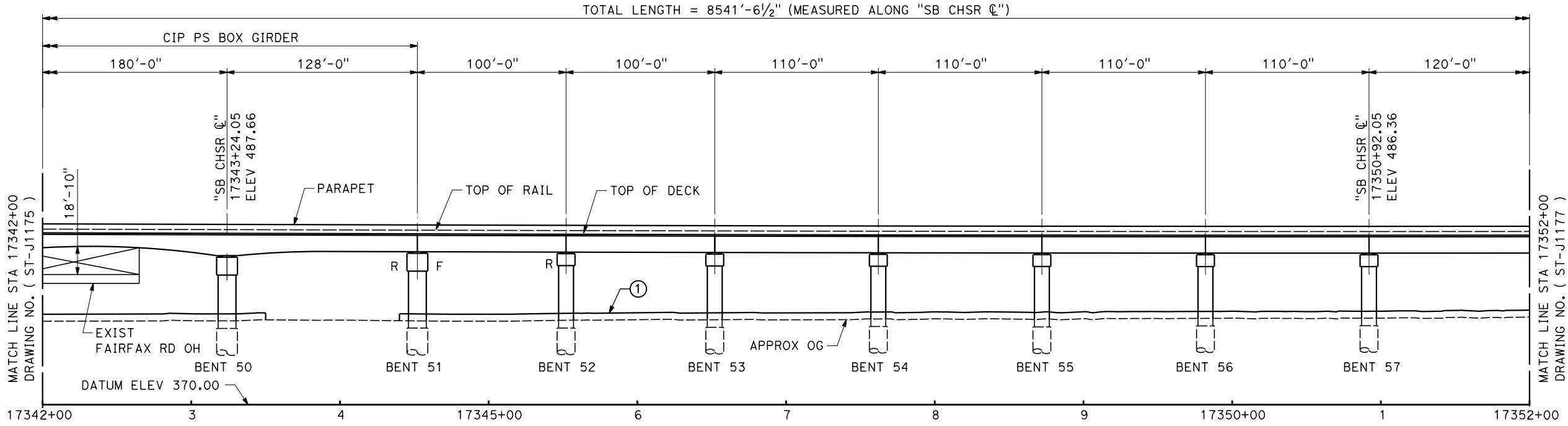
SCALE  
**AS SHOWN**

SHEET NO.

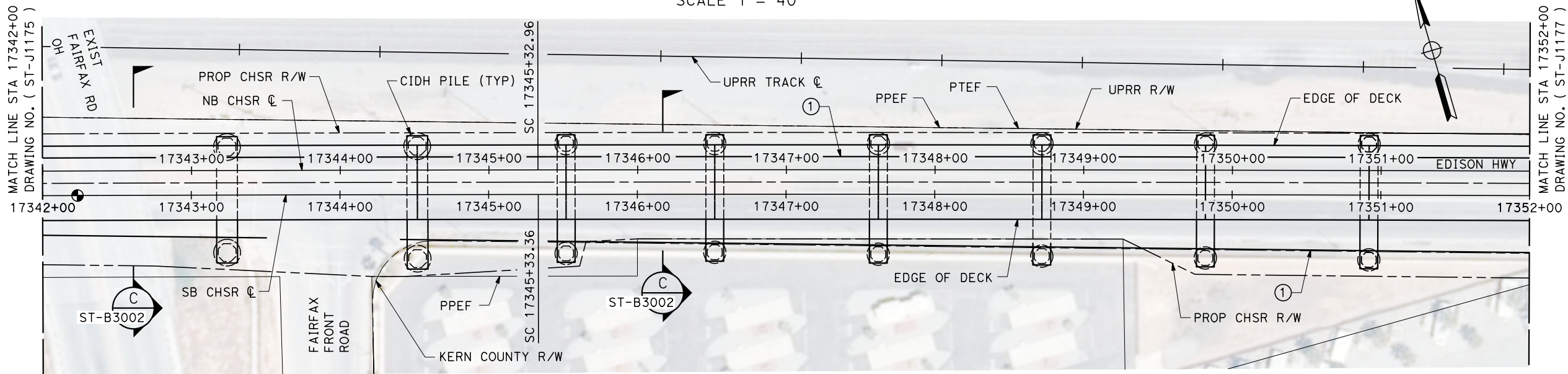




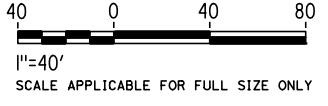
**TOP OF RAIL "SB CHSR C"**  
NO SCALE



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J1176.dgn  
11:22:02 AM  
10/30/2017  
TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

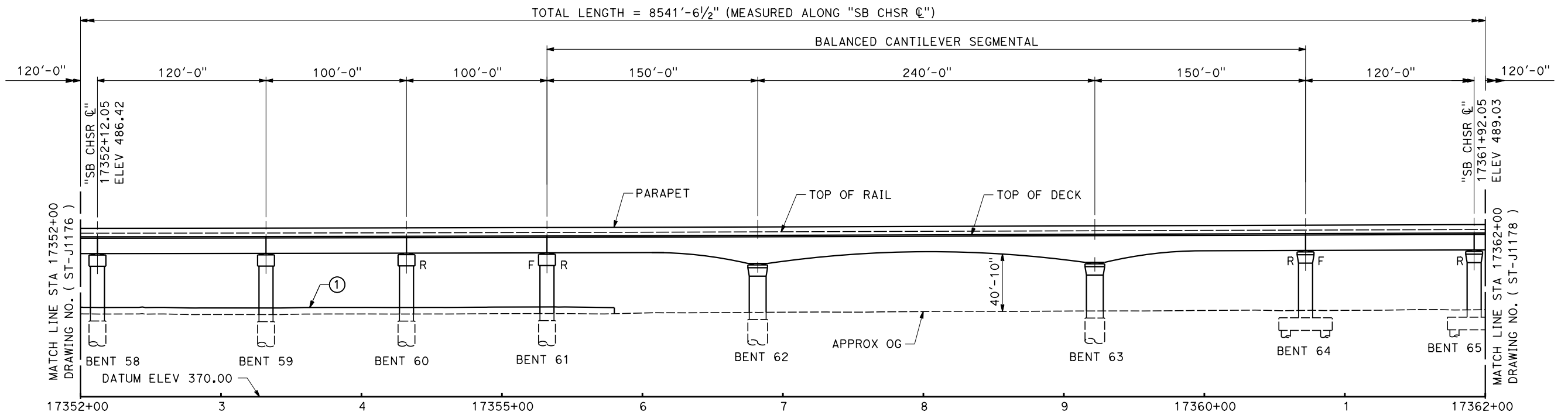
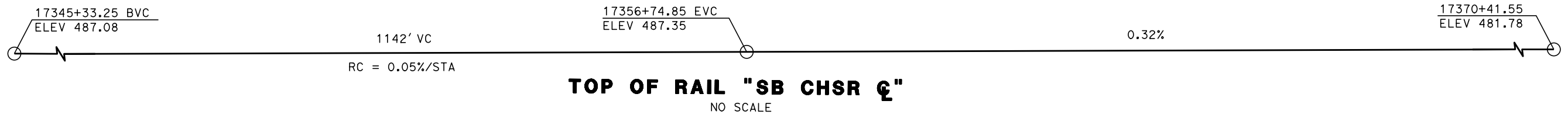
**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

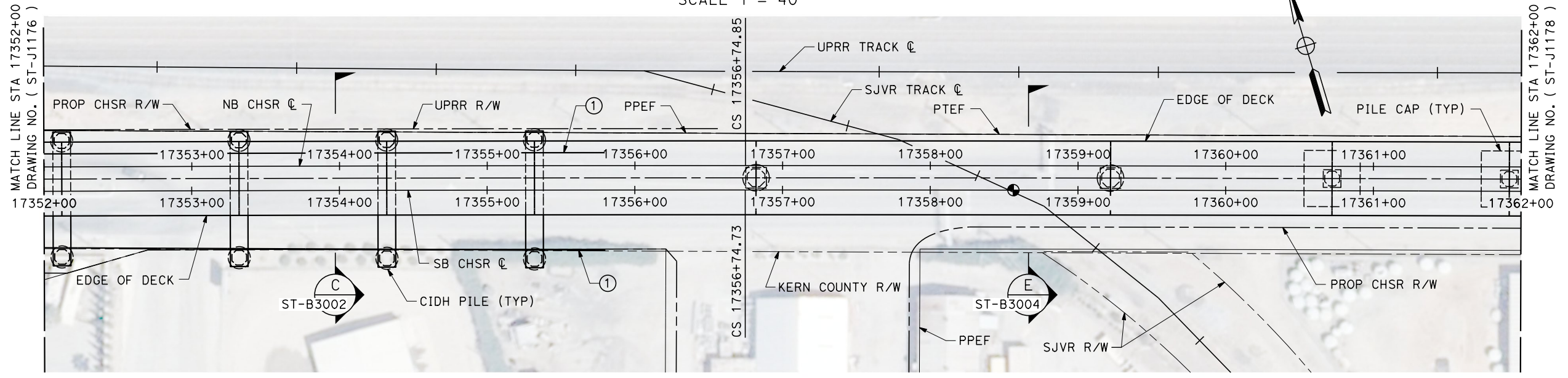


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 2 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

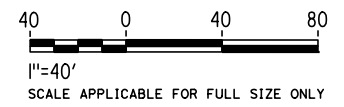
CONTRACT NO.  
HSR 13-44  
DRAWING NO.  
ST-J1176  
SCALE  
AS SHOWN  
SHEET NO.



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J1177.dgn

10/30/2017 11:17:29 AM

TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**

DRAWN BY  
**YIHONG WANG**

CHECKED BY  
**R. GOLCHOBIAN**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 2 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
HSR 13-44

DRAWING NO.  
ST-J1177

SCALE  
AS SHOWN

SHEET NO.



17356+74.85 EVC  
ELEV 487.35

17370+41.55  
ELEV 481.78

0.32%

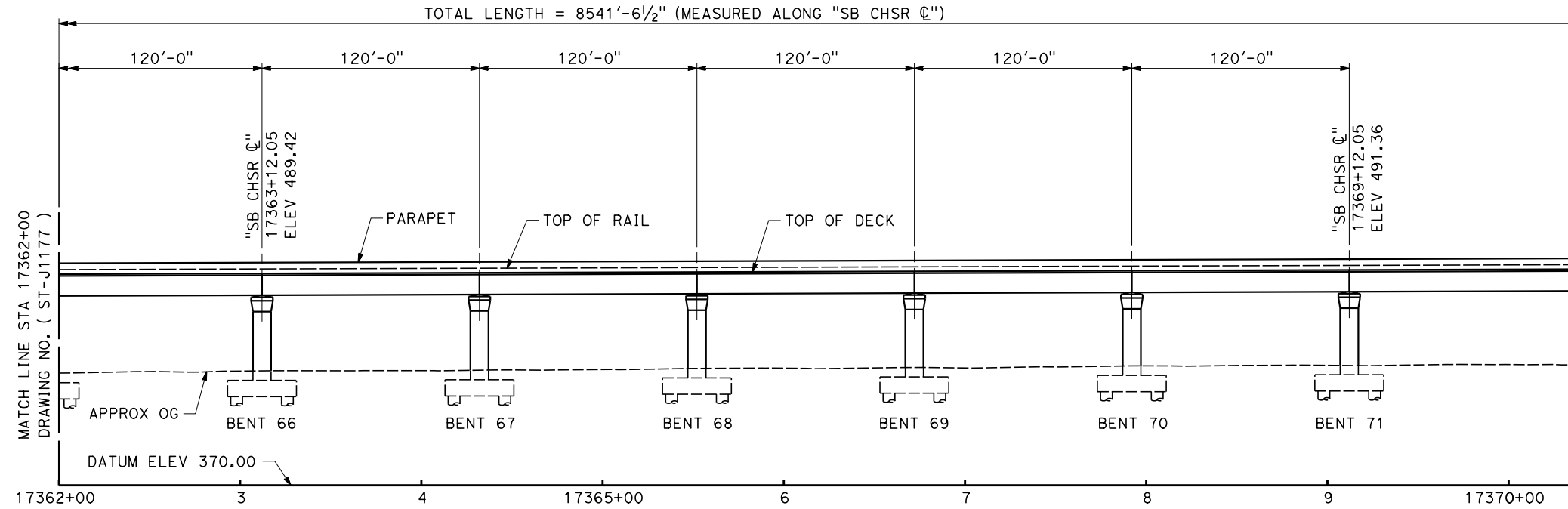
**TOP OF RAIL "SB CHSR ☉"**

NO SCALE

END "ALTERNATIVE B-3-ALT 2 TIE IN"  
JOIN "ALTERNATIVE 2"

"ALTERNATIVE 2"

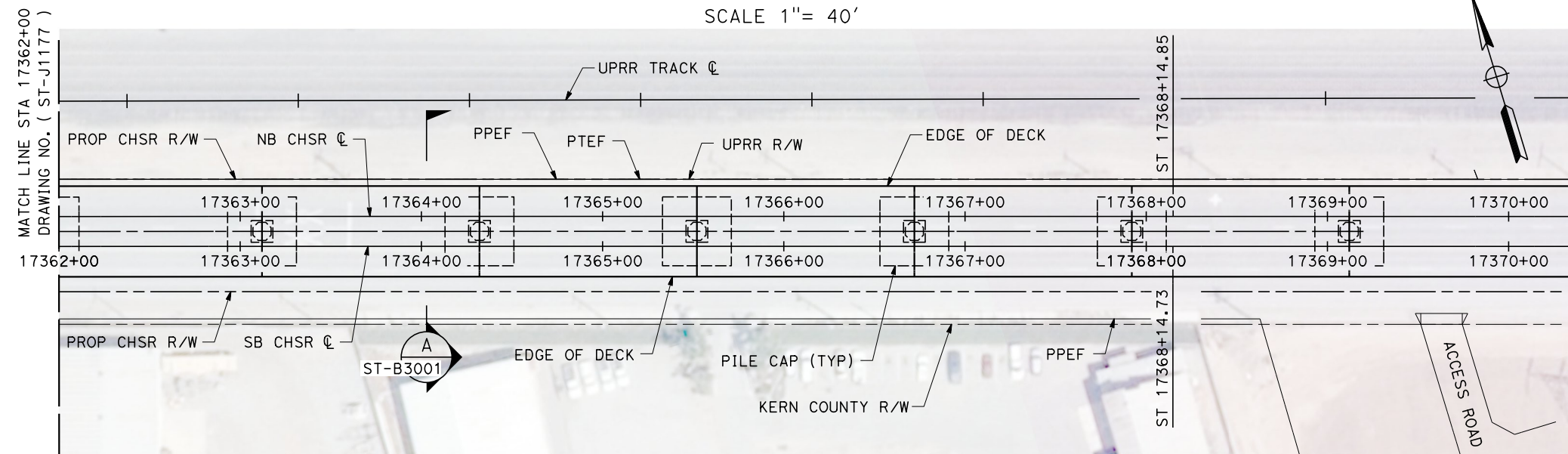
TOTAL LENGTH = 8541'-6 1/2" (MEASURED ALONG "SB CHSR ☉")



MATCH LINE  
"ALTERNATIVE B-3-ALT 2 TIE IN"  
17370+41.55 =  
"ALTERNATIVE 2"  
17370+73.64  
DRAWING NO. ( ST-J1113 )

**ELEVATION**

SCALE 1" = 40'



MATCH LINE  
"ALTERNATIVE B-3-ALT 2 TIE IN"  
17370+41.55 =  
"ALTERNATIVE 2"  
17370+73.64  
DRAWING NO. ( ST-J1113 )

**PLAN**

SCALE 1" = 40'



1"=40'

SCALE APPLICABLE FOR FULL SIZE ONLY

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-J11178.dgn

10/30/2017 11:12:22 AM

TYLIN\YWang

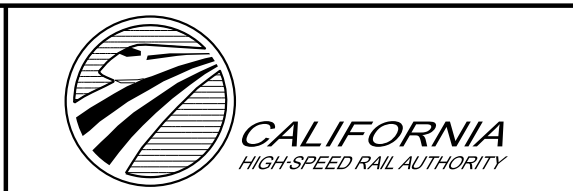
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**ROBERT BARTON**  
DRAWN BY  
**YIHONG WANG**  
CHECKED BY  
**R. GOLCHOBIAN**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



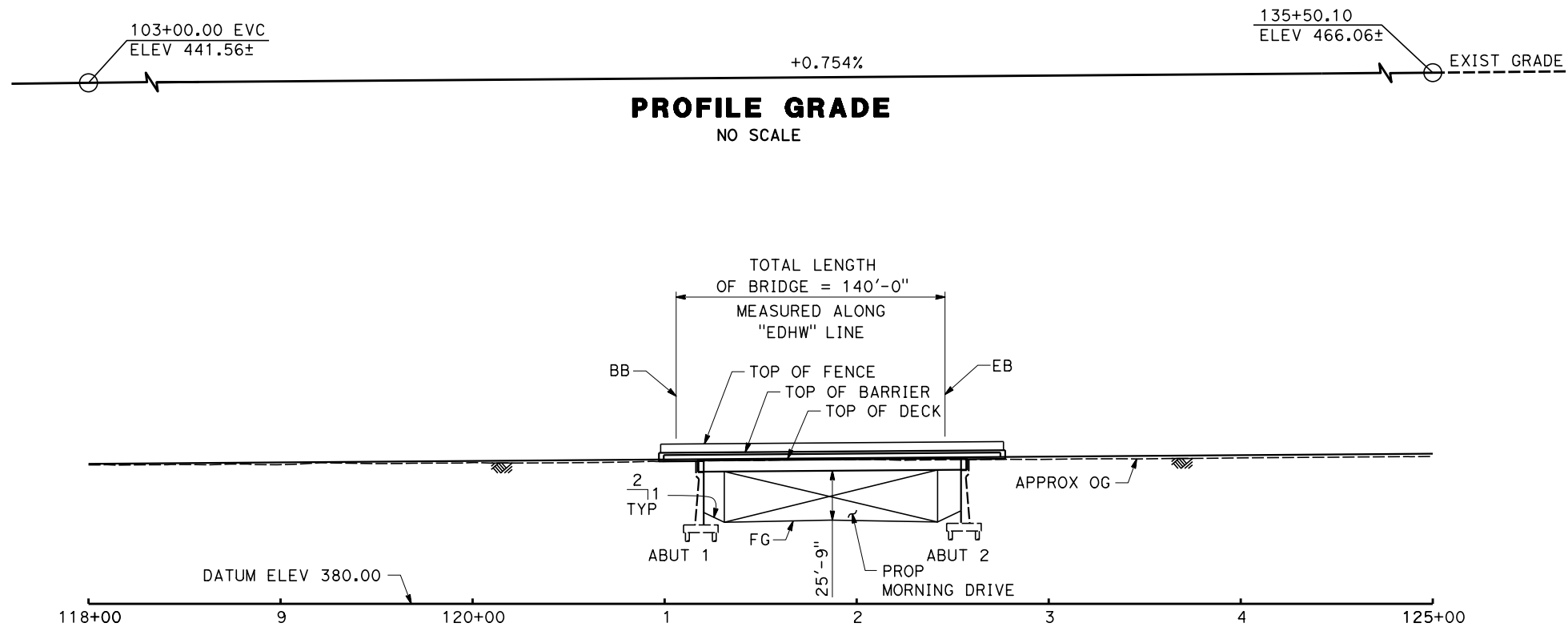
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVE B-3-ALT 2 TIE IN  
TRACK STRUCTURES  
VIADUCT STATION 17285+00.00 TO 17370+41.55  
PLAN AND ELEVATION

CONTRACT NO.  
HSR 13-44  
DRAWING NO.  
ST-J1178  
SCALE  
AS SHOWN  
SHEET NO.

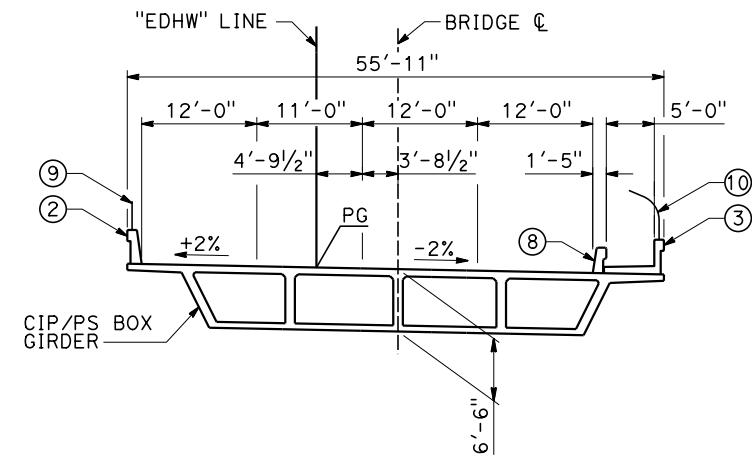
Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\ST\BP-ST-K1001.dgn

10/30/2017 11:14:16 AM

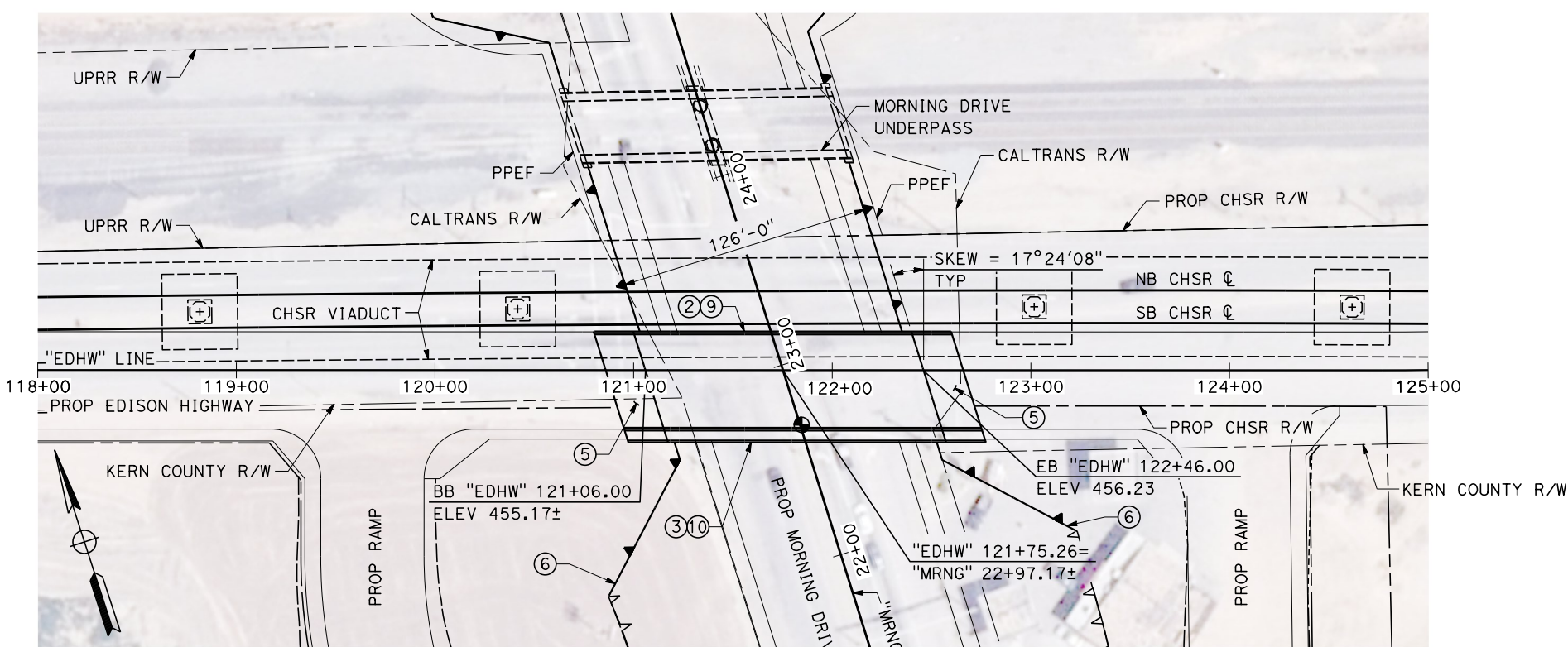
TYLIN\Wang



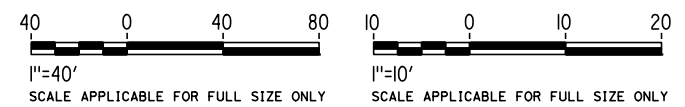
**ELEVATION**  
SCALE 1"= 40'



**TYPICAL SECTION**  
SCALE 1"= 10'



**PLAN**  
SCALE 1"= 40'



DESIGNED BY  
**EMIR MODARRES**

DRAWN BY  
**IVAN MARTIN**

CHECKED BY  
**ROBERT BARTON**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



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

CONTRACT NO.  
**HSR13-44**

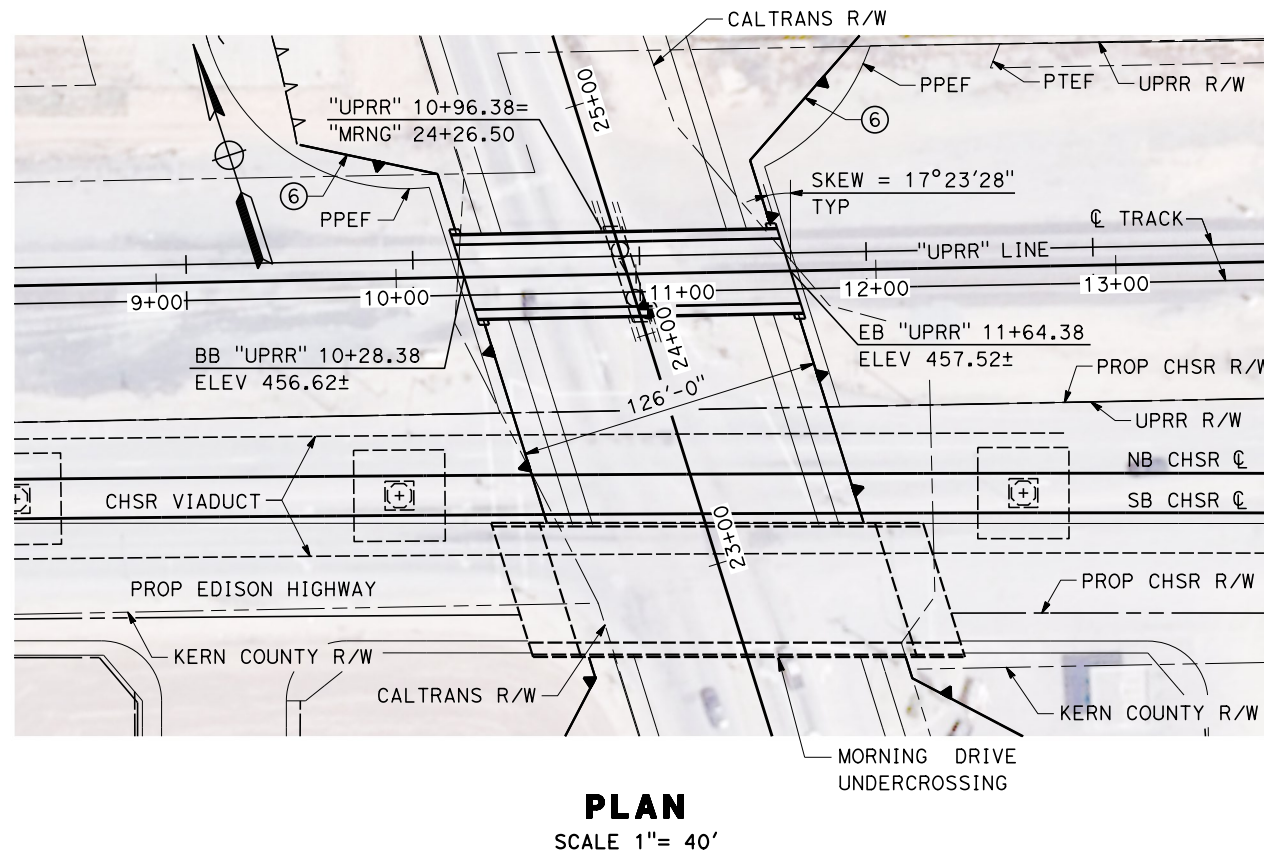
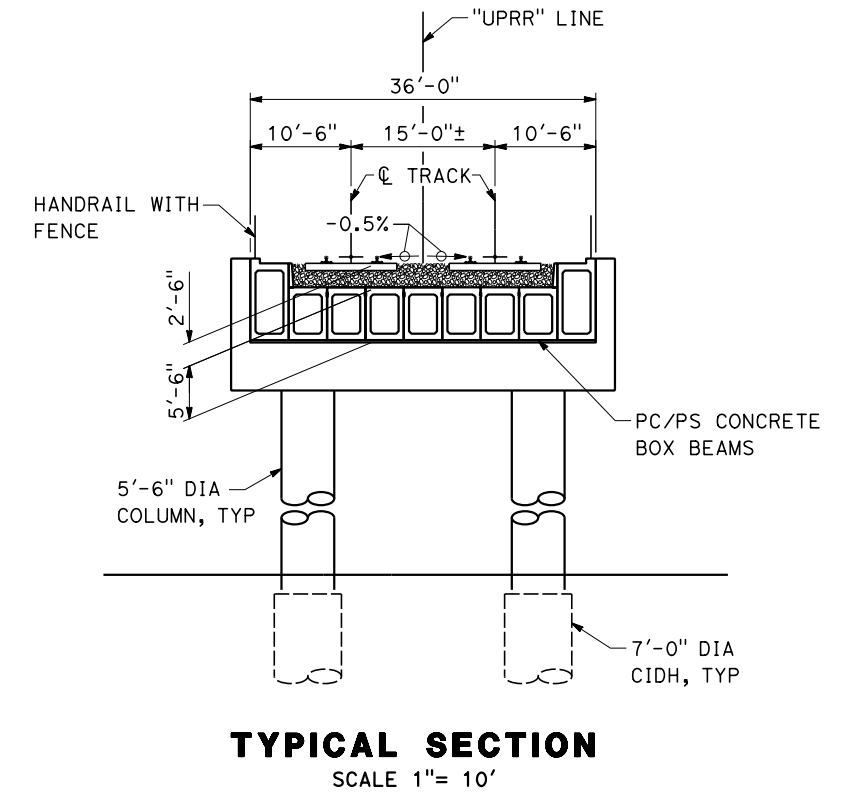
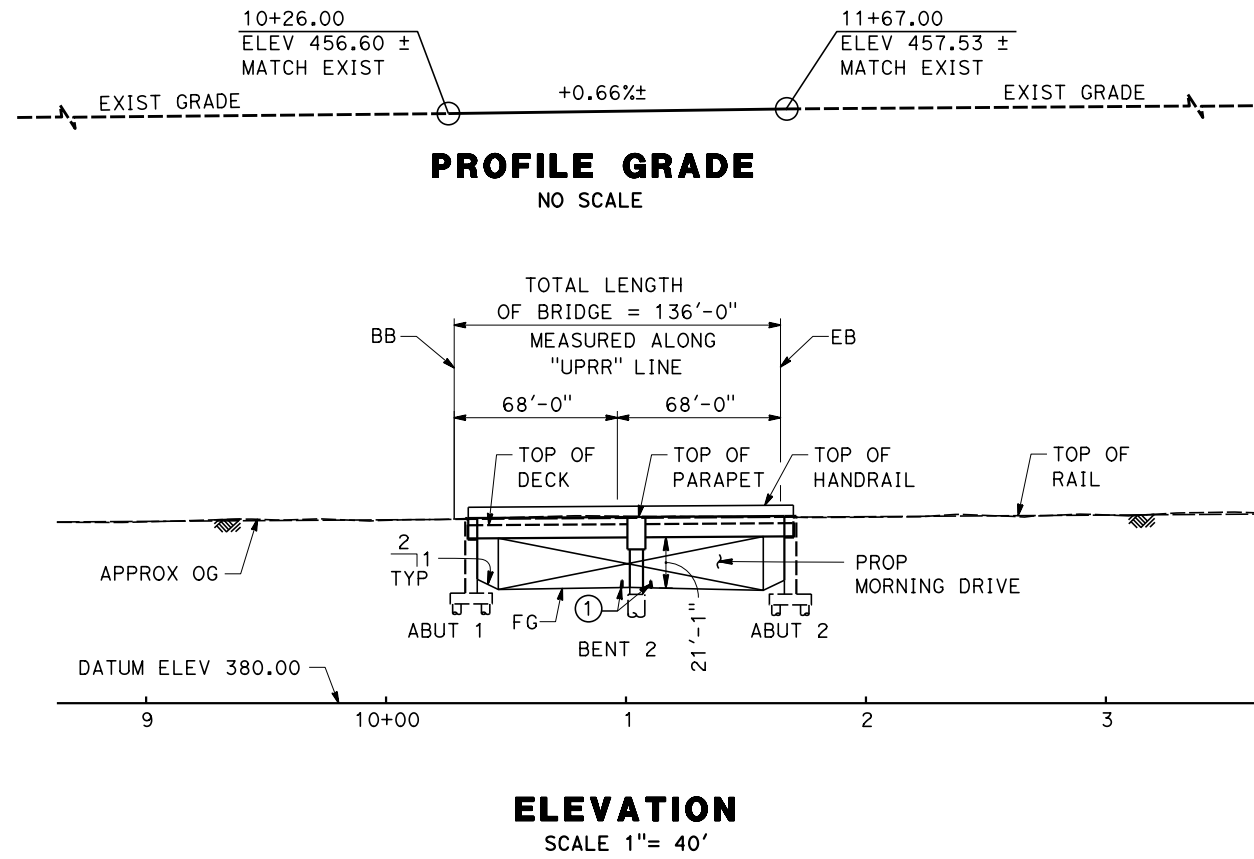
DRAWING NO.  
**ST-K1001**

SCALE  
**AS SHOWN**

SHEET NO.

REV	DATE	BY	CHK	APP	DESCRIPTION





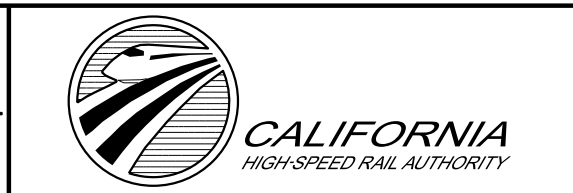
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**KEVIN BERRY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
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**

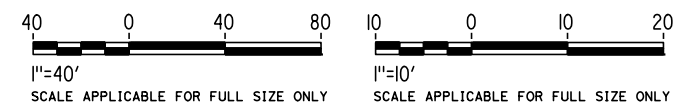
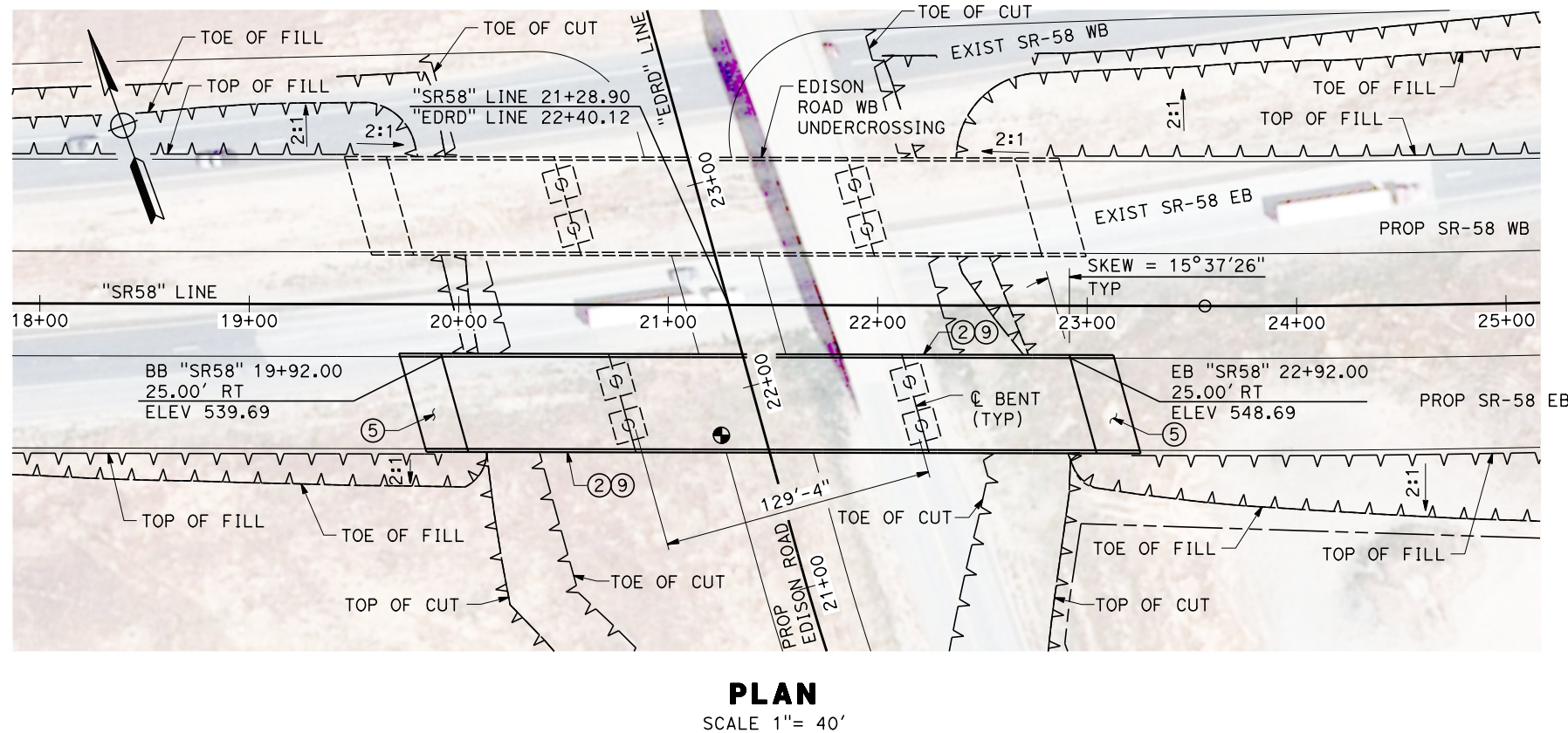
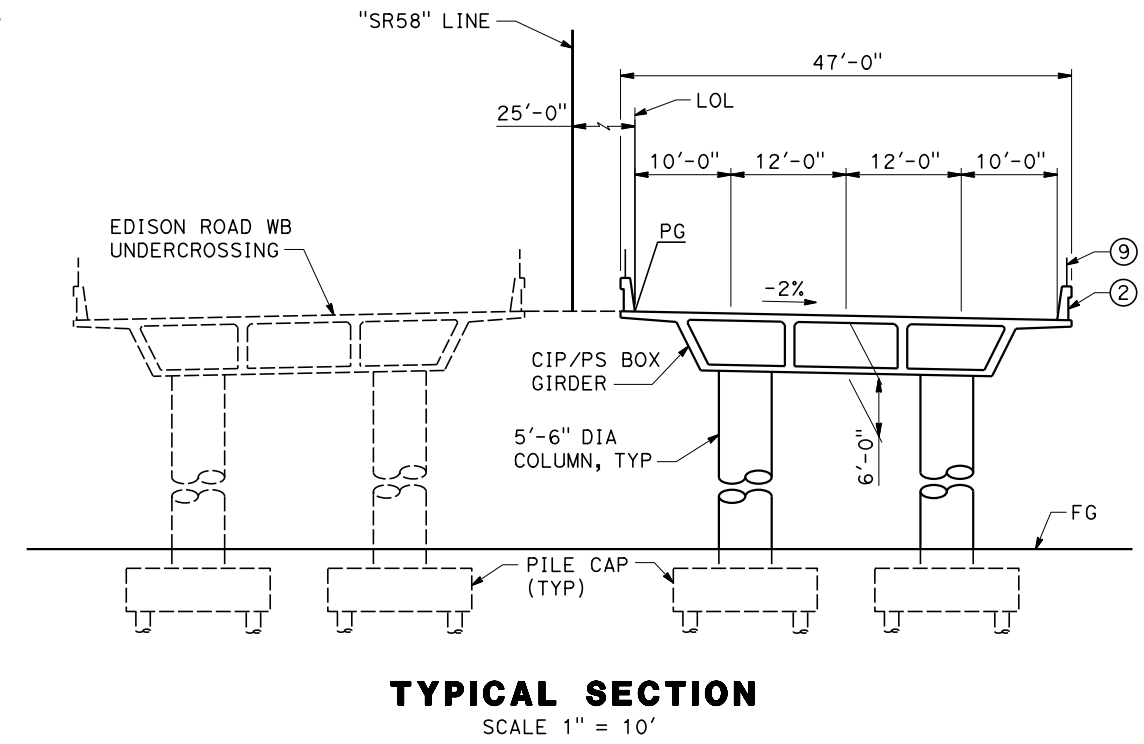
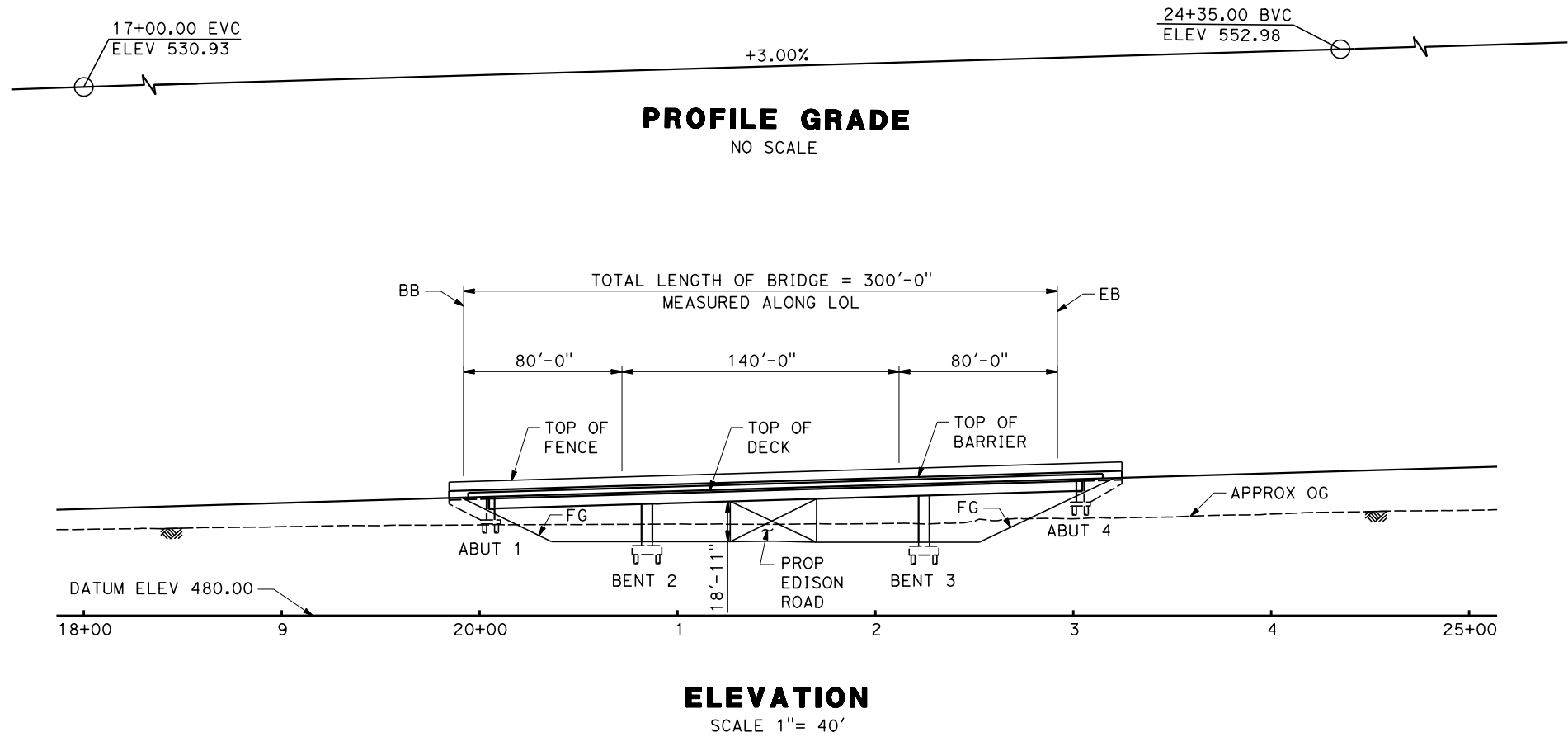
SCALE  
**AS SHOWN**

SHEET NO.

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\ST\BP-ST-K1003.dgn

11:22:56 AM

10/30/2017 TYLIN\Wang



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**

DRAWN BY  
**IVAN MARTIN**

CHECKED BY  
**ROBERT BARTON**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVES 1,3,5  
ROADWAY STRUCTURES  
EDISON ROAD EB UNDERCROSSING  
PLAN AND ELEVATION

CONTRACT NO.  
HSR13-44

DRAWING NO.  
ST-K1003

SCALE  
AS SHOWN

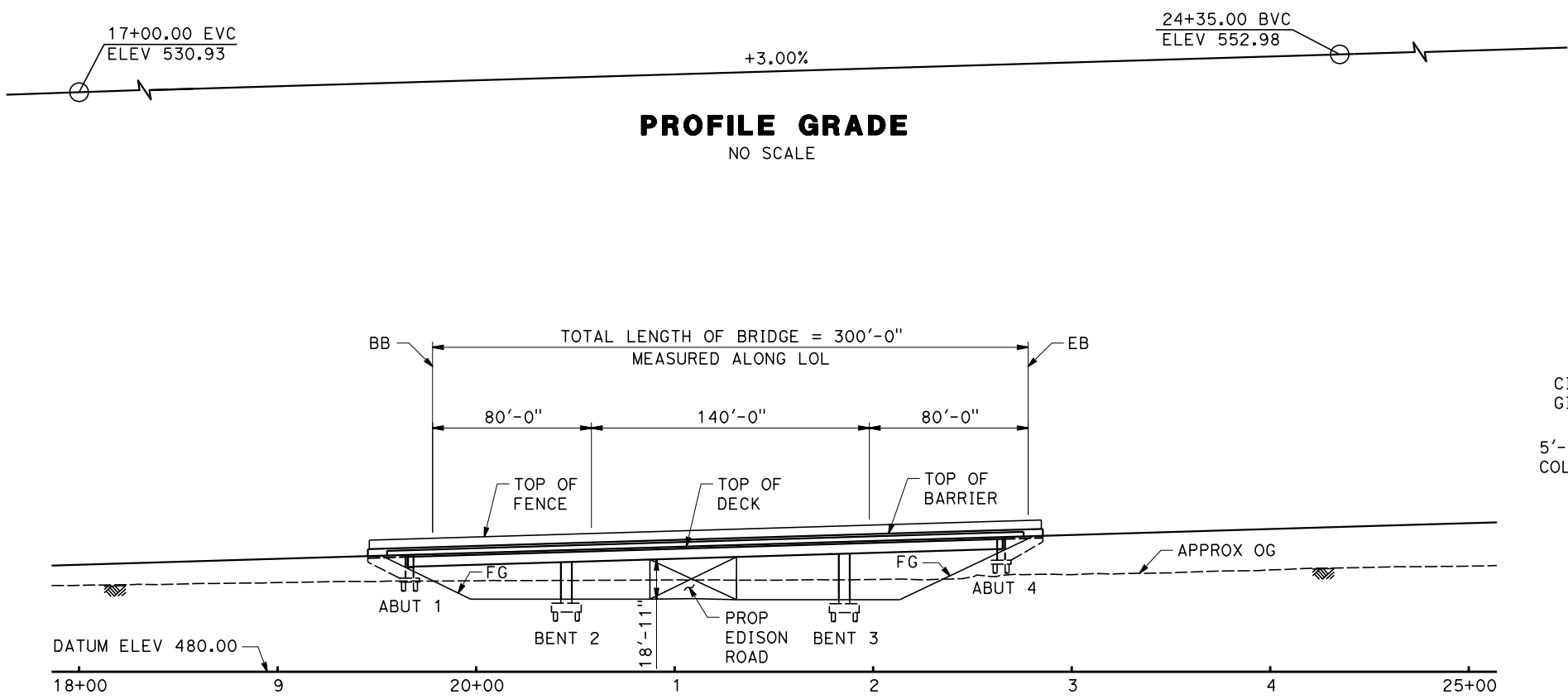
SHEET NO.



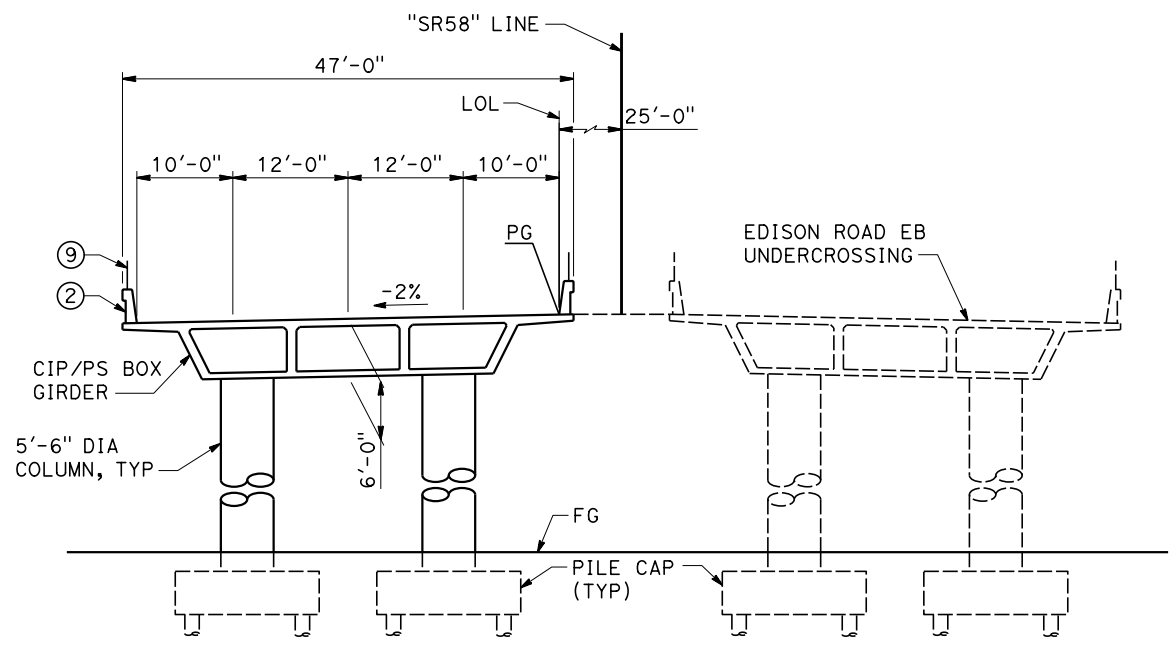
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11:16:53 AM

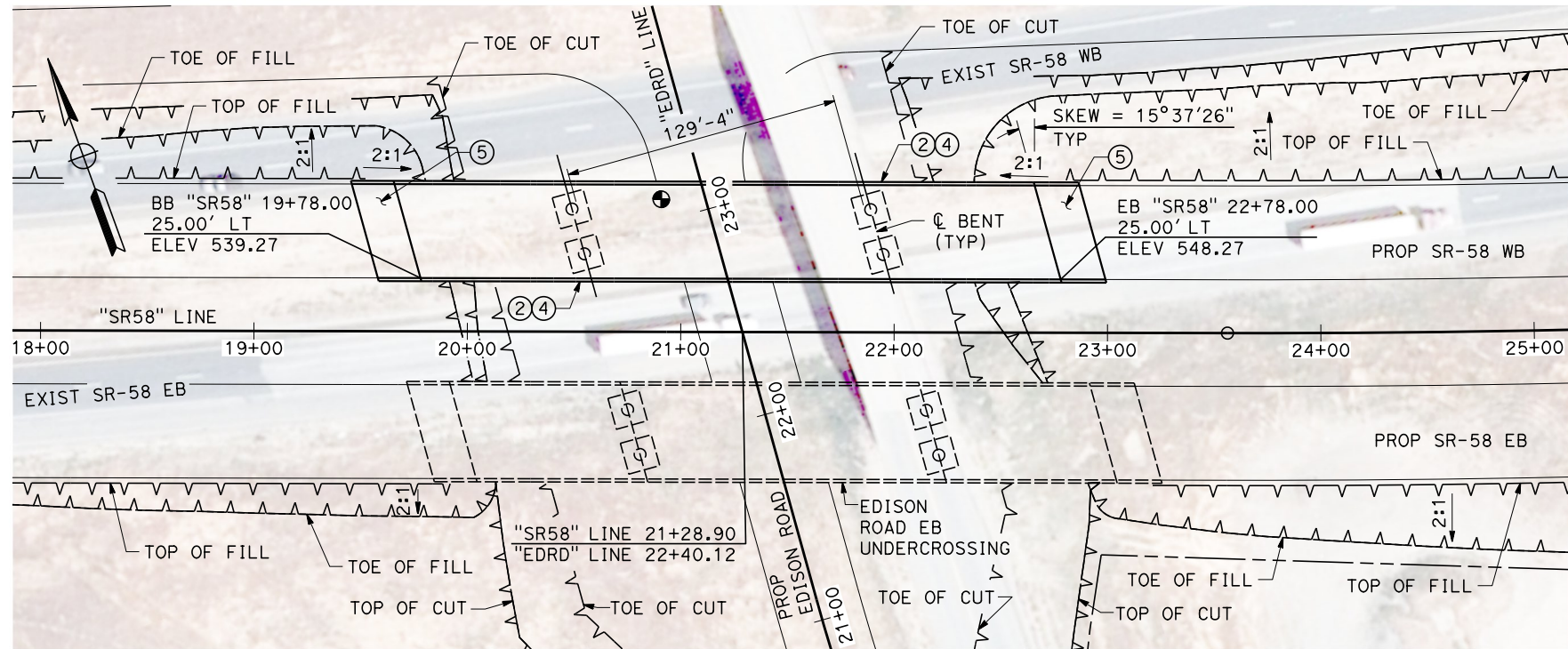
10/30/2017



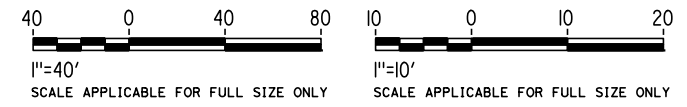
**MIRRORED ELEVATION**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**IVAN MARTIN**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVES 1,3,5  
ROADWAY STRUCTURES  
EDISON ROAD WB UNDERCROSSING  
PLAN AND ELEVATION

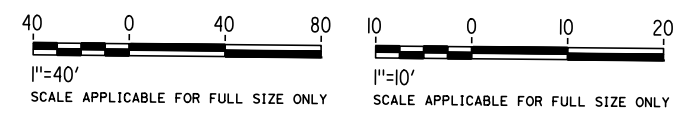
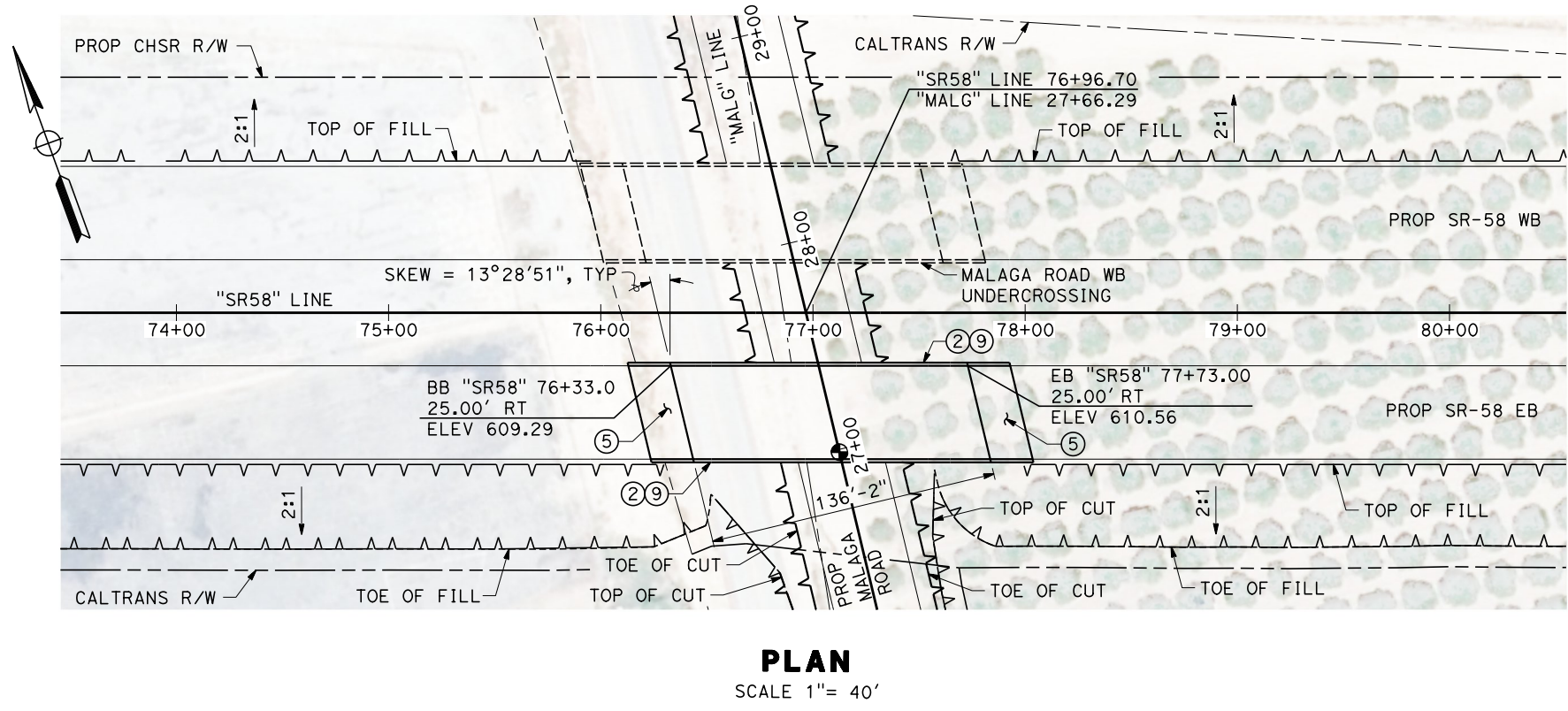
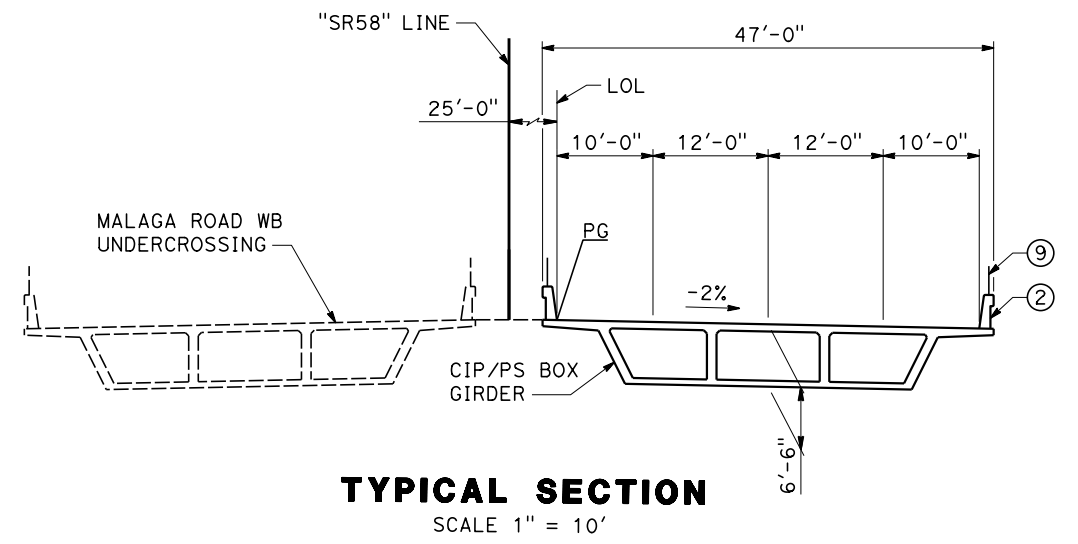
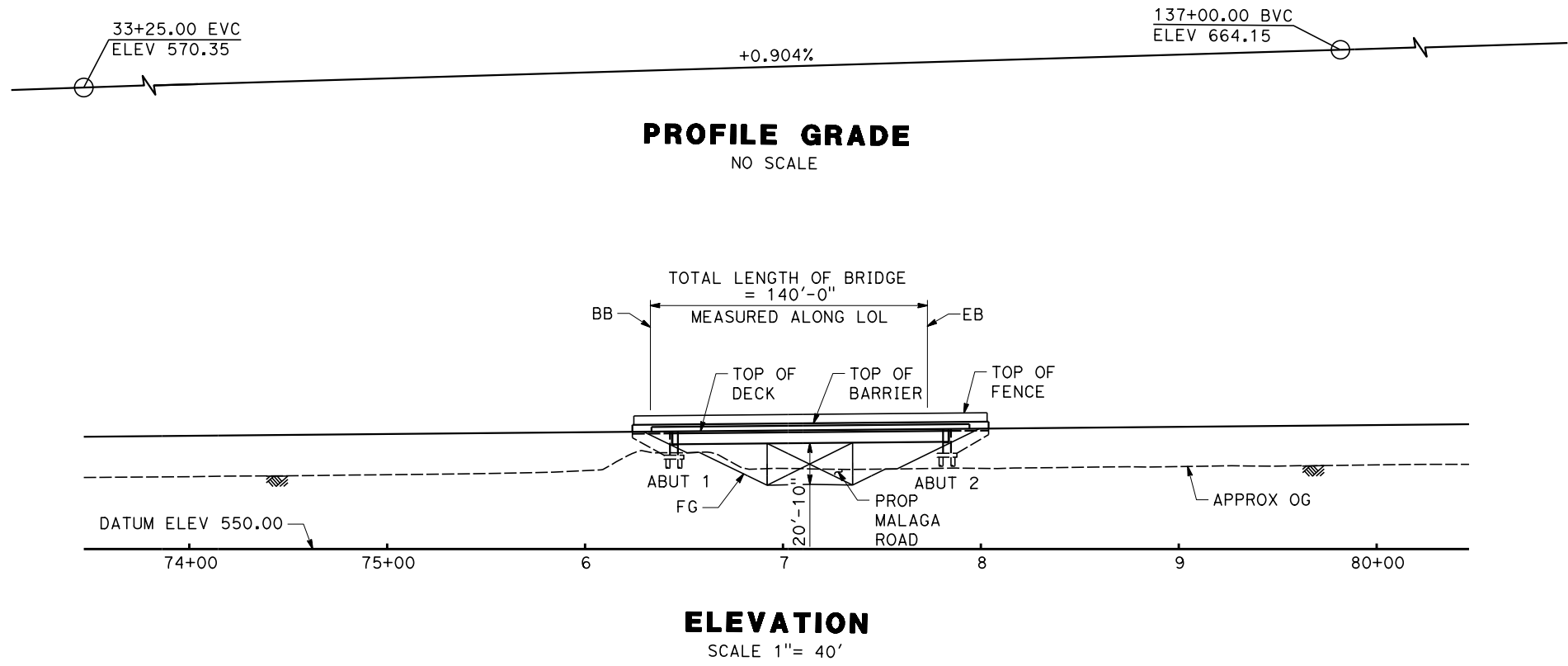
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**HSR13-44**

DRAWING NO.  
**ST-K1004**

SCALE  
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SHEET NO.

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11:24:45 AM  
10/30/2017  
TYLIN\Wang



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**

DRAWN BY  
**KEVIN BERRY**

CHECKED BY  
**ROBERT BARTON**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,3,5  
ROADWAY STRUCTURES  
MALAGA ROAD EB UNDERCROSSING  
PLAN AND ELEVATION

CONTRACT NO.  
HSR13-44

DRAWING NO.  
ST-K1005

SCALE  
AS SHOWN

SHEET NO.

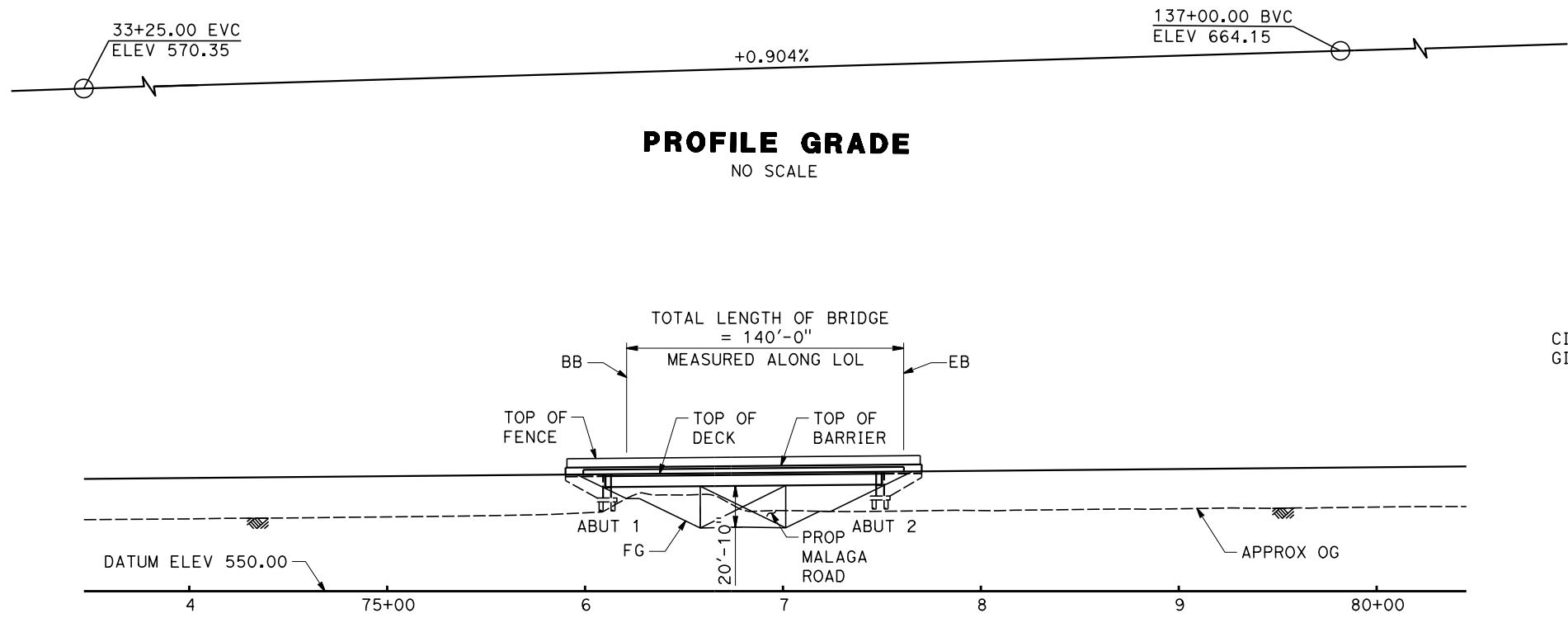


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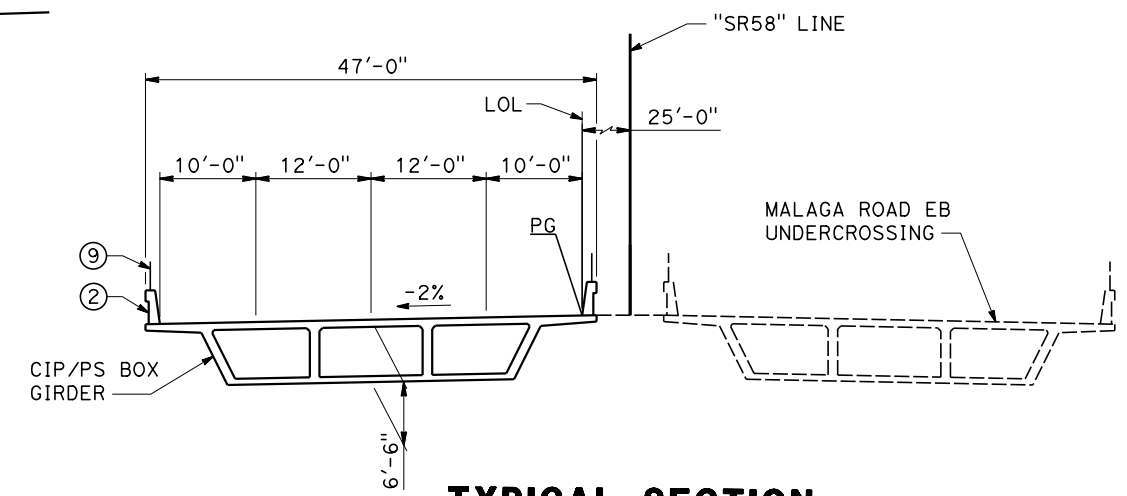
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10/30/2017

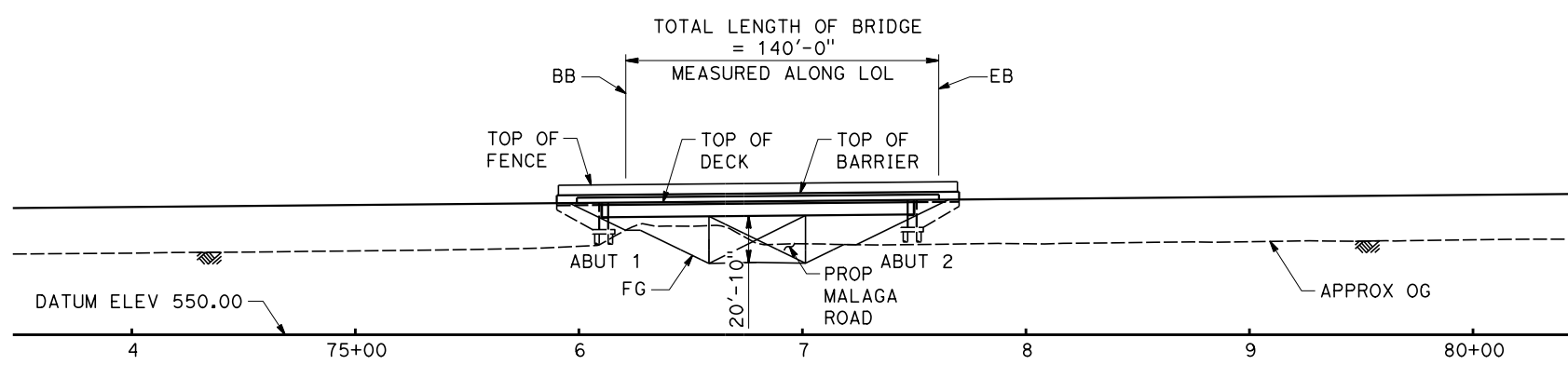
TYLIN\Wang



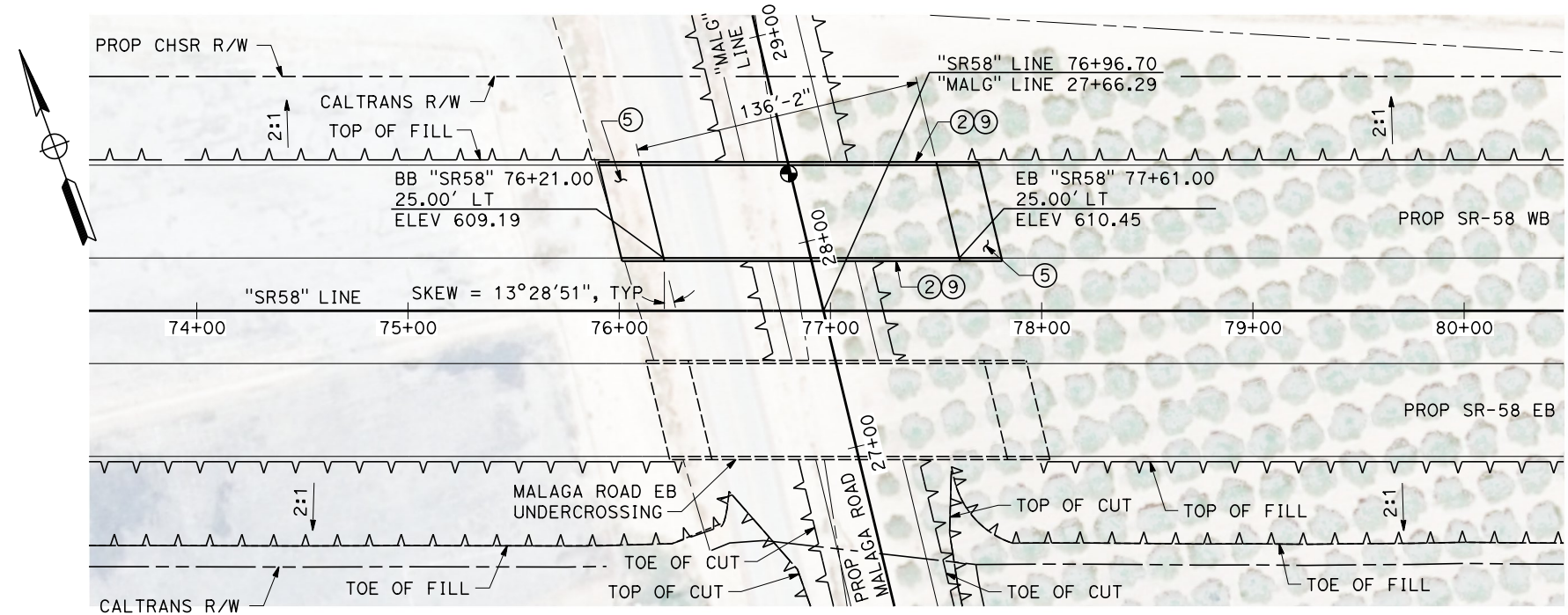
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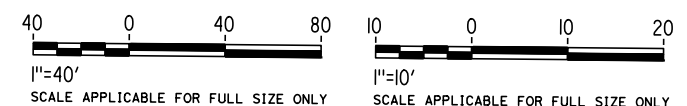
**TYPICAL SECTION**  
SCALE 1" = 10'



**MIRRORED ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**KEVIN BERRY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



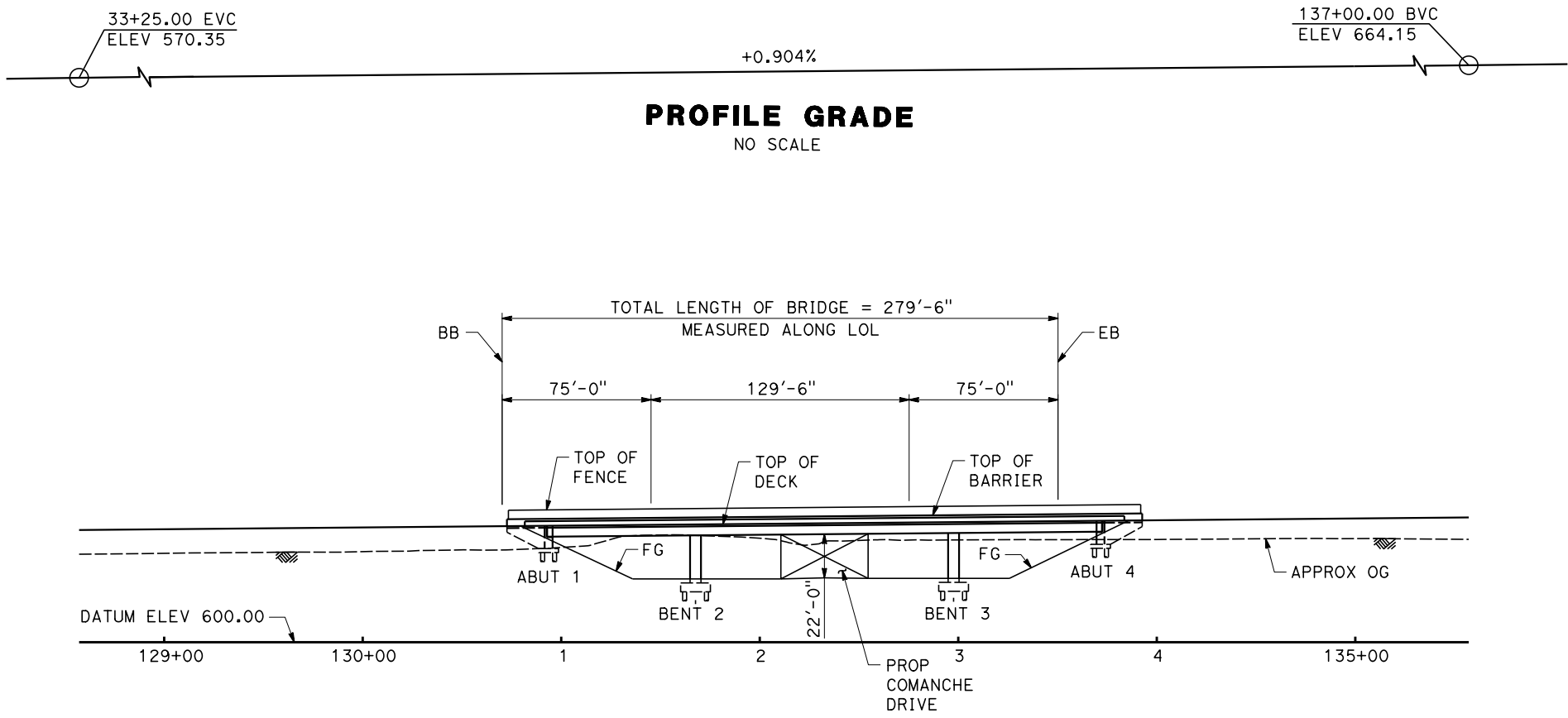
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,3,5  
ROADWAY STRUCTURES  
MALAGA ROAD WB UNDERCROSSING  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**ST-K1006**  
SCALE  
**AS SHOWN**  
SHEET NO.

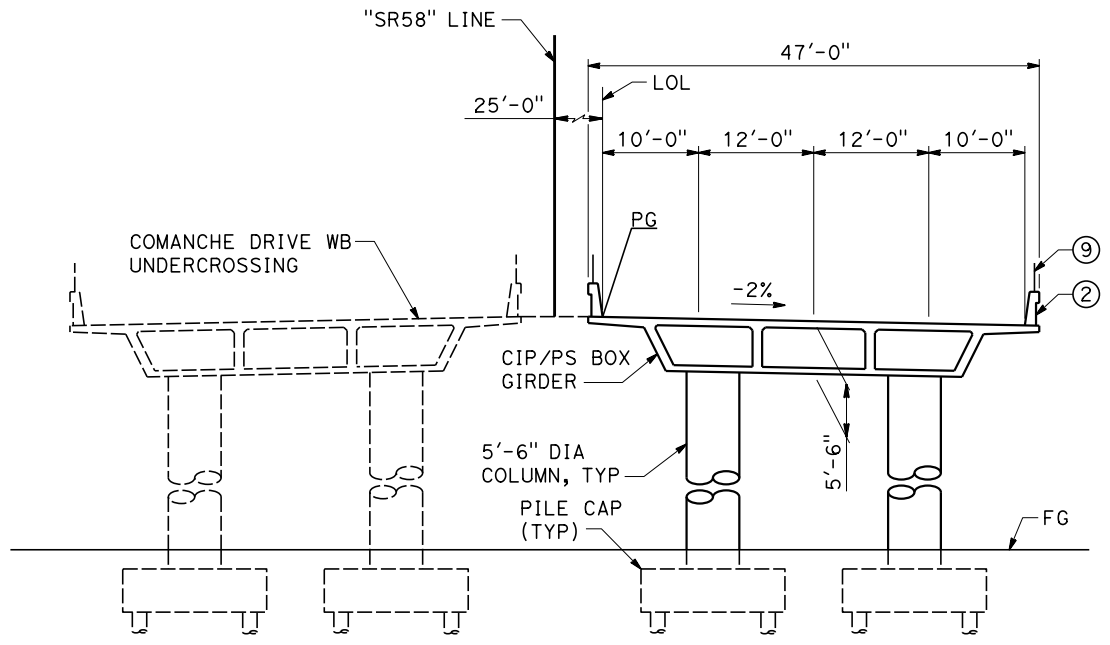
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10/30/2017

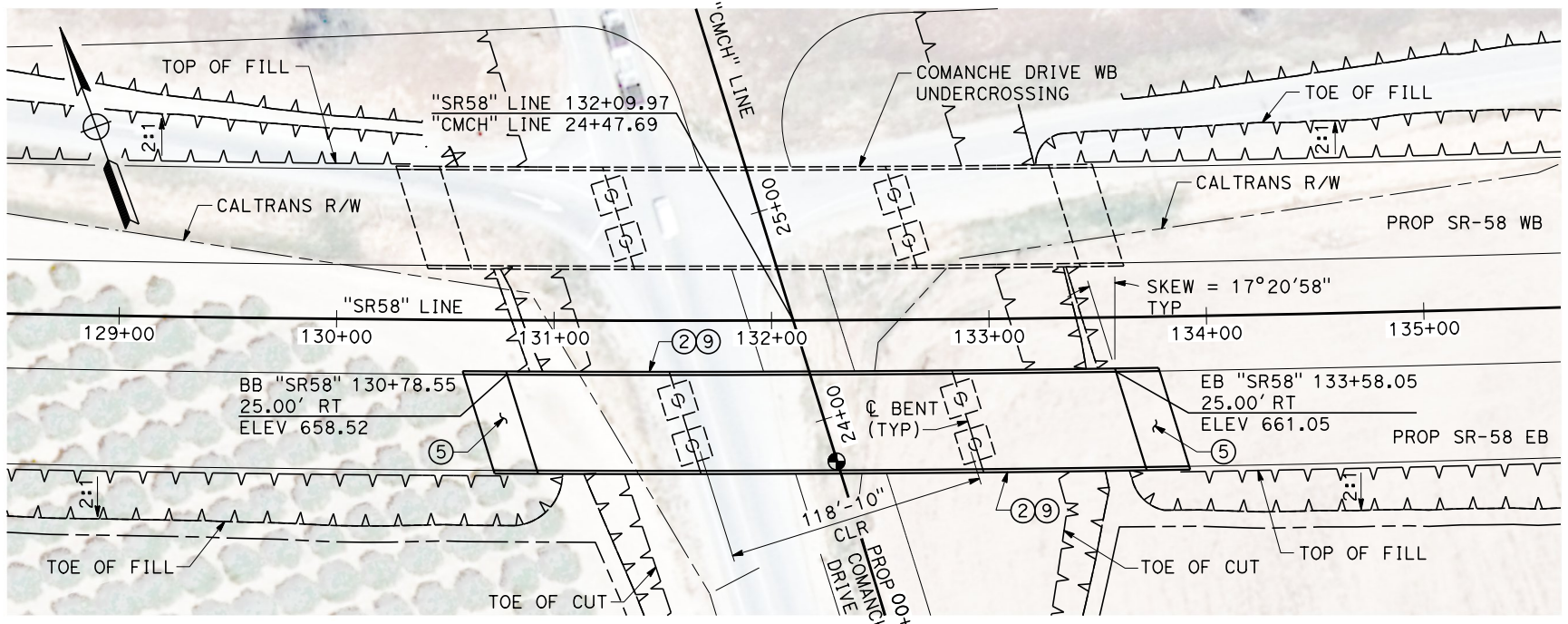
TYLIN\Wang



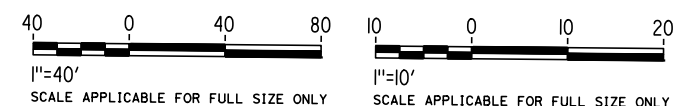
**ELEVATION**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**KEVIN BERRY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,3,5  
ROADWAY STRUCTURES  
COMANCHE DRIVE EB UNDERCROSSING  
PLAN AND ELEVATION

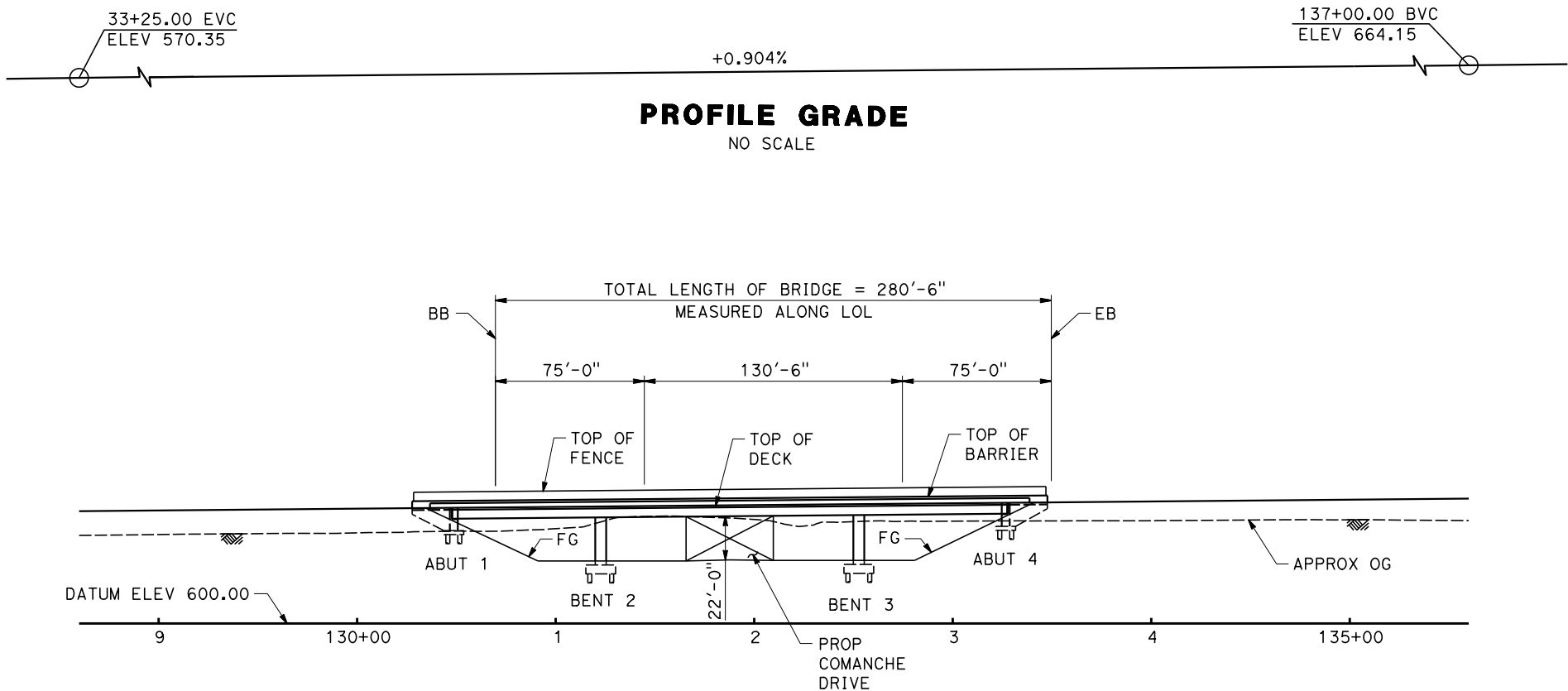
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**HSR13-44**  
DRAWING NO.  
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SCALE  
**AS SHOWN**  
SHEET NO.



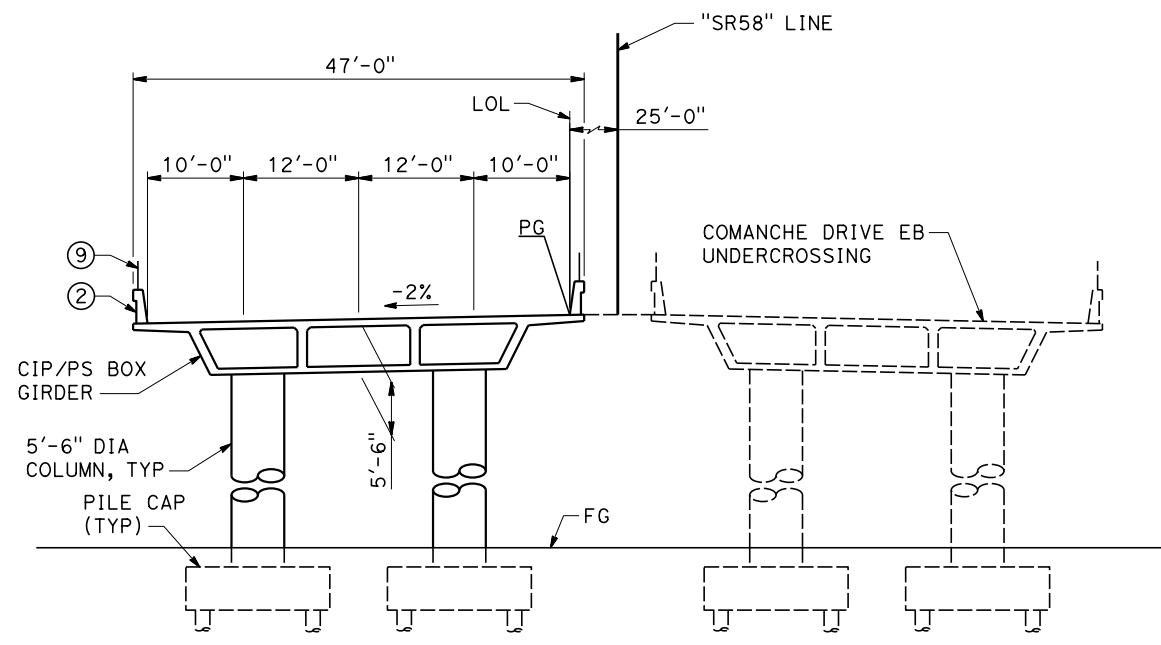
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11:26:15 AM

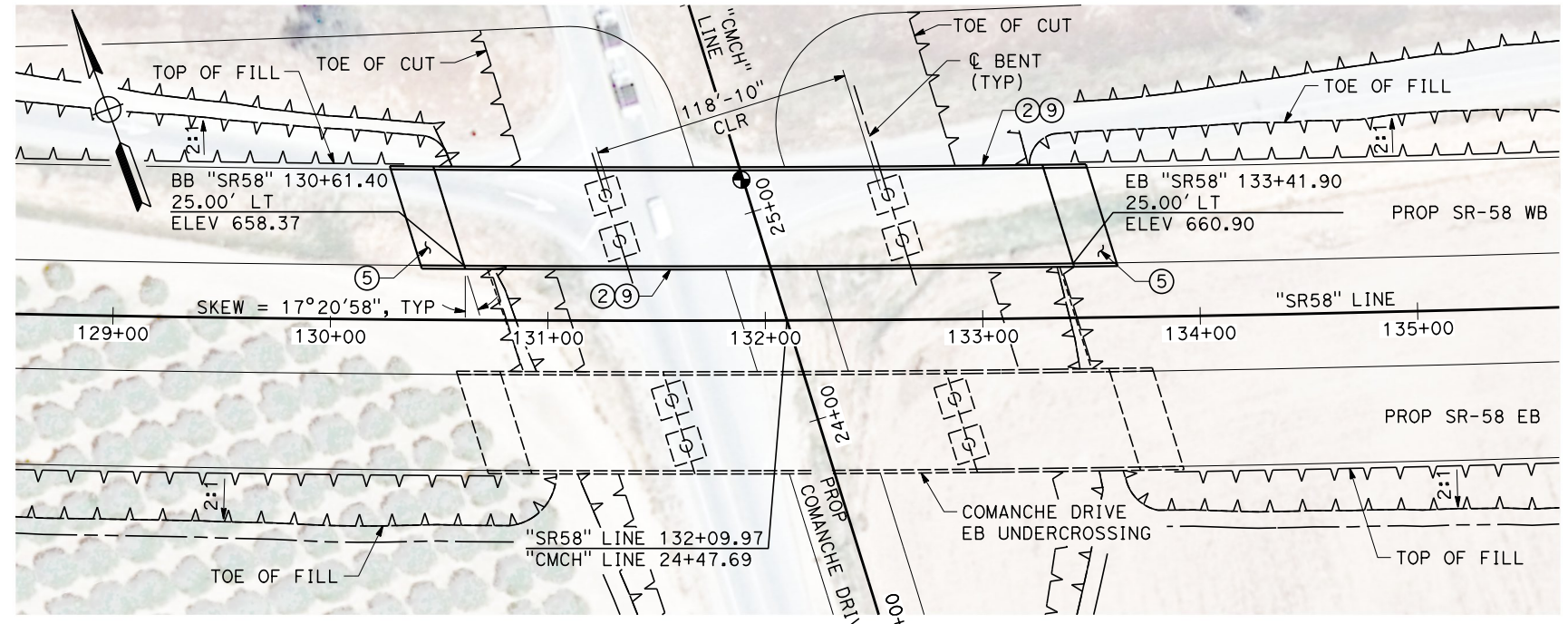
10/30/2017



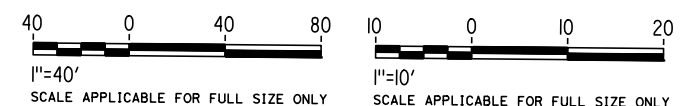
**MIRRORED ELEVATION**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**KEVIN BERRY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



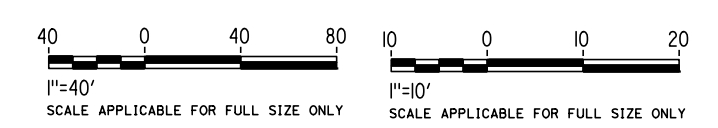
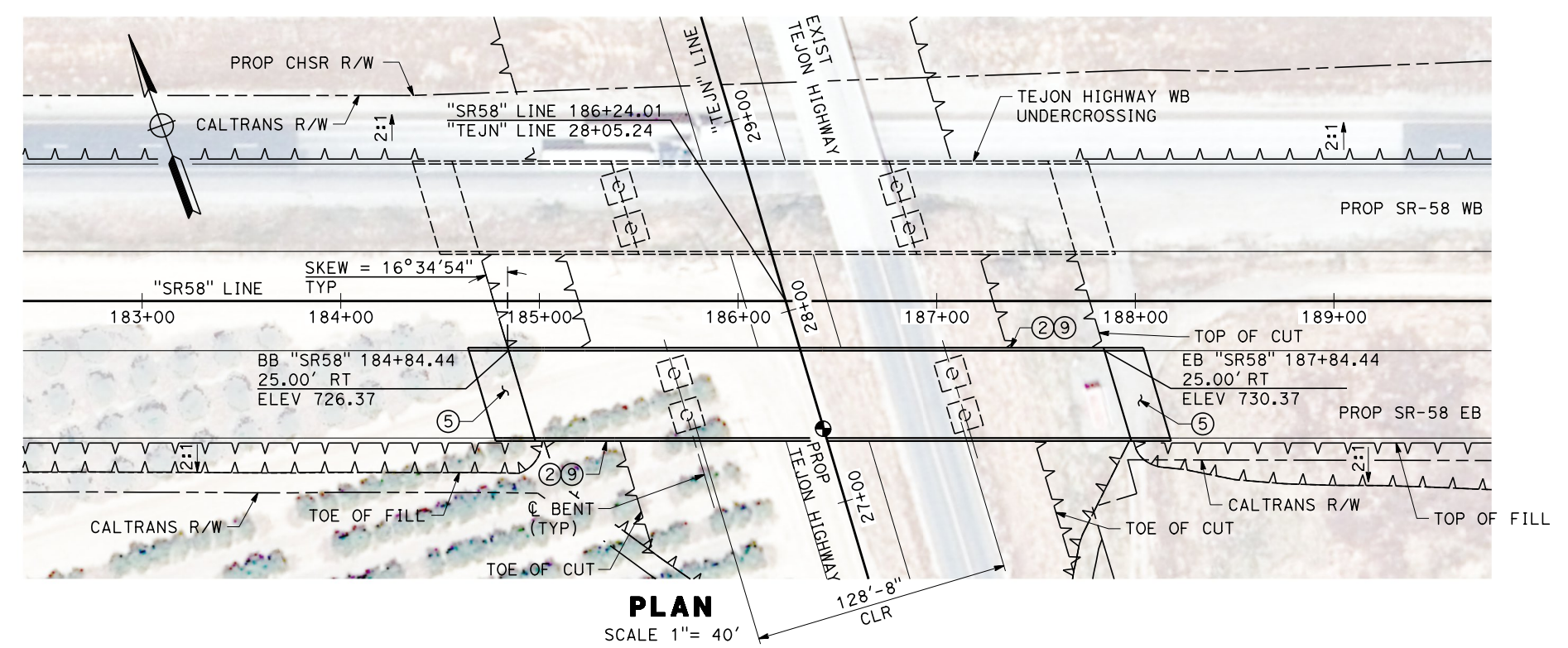
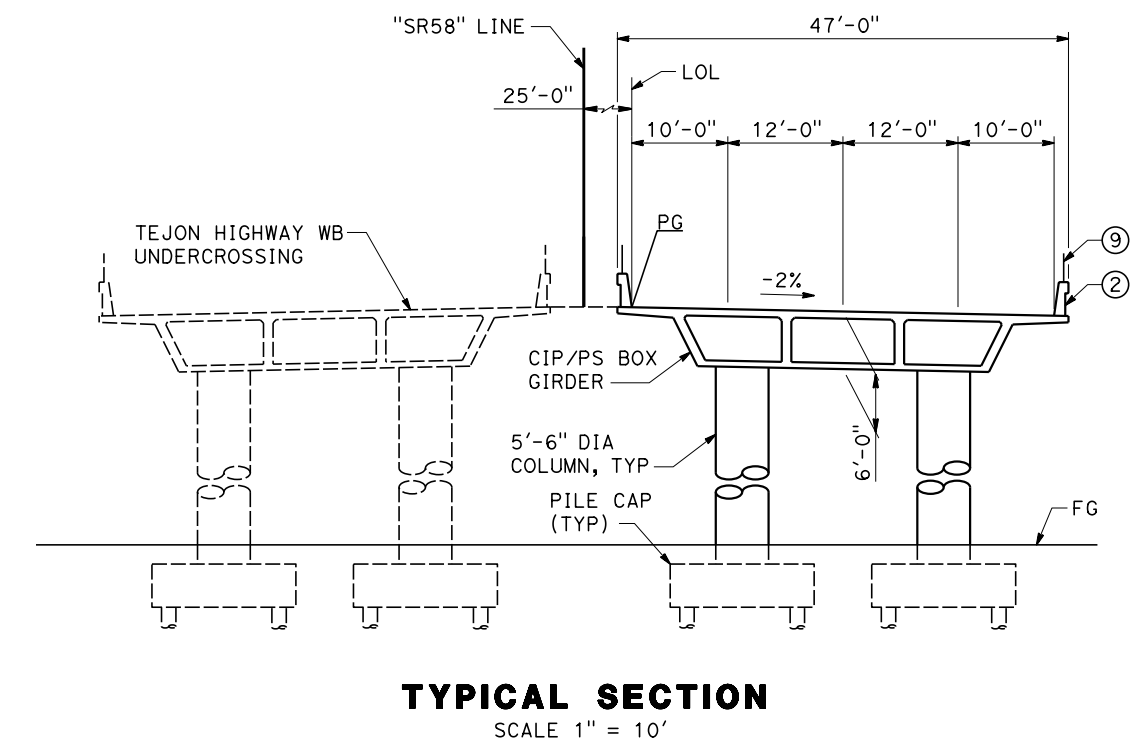
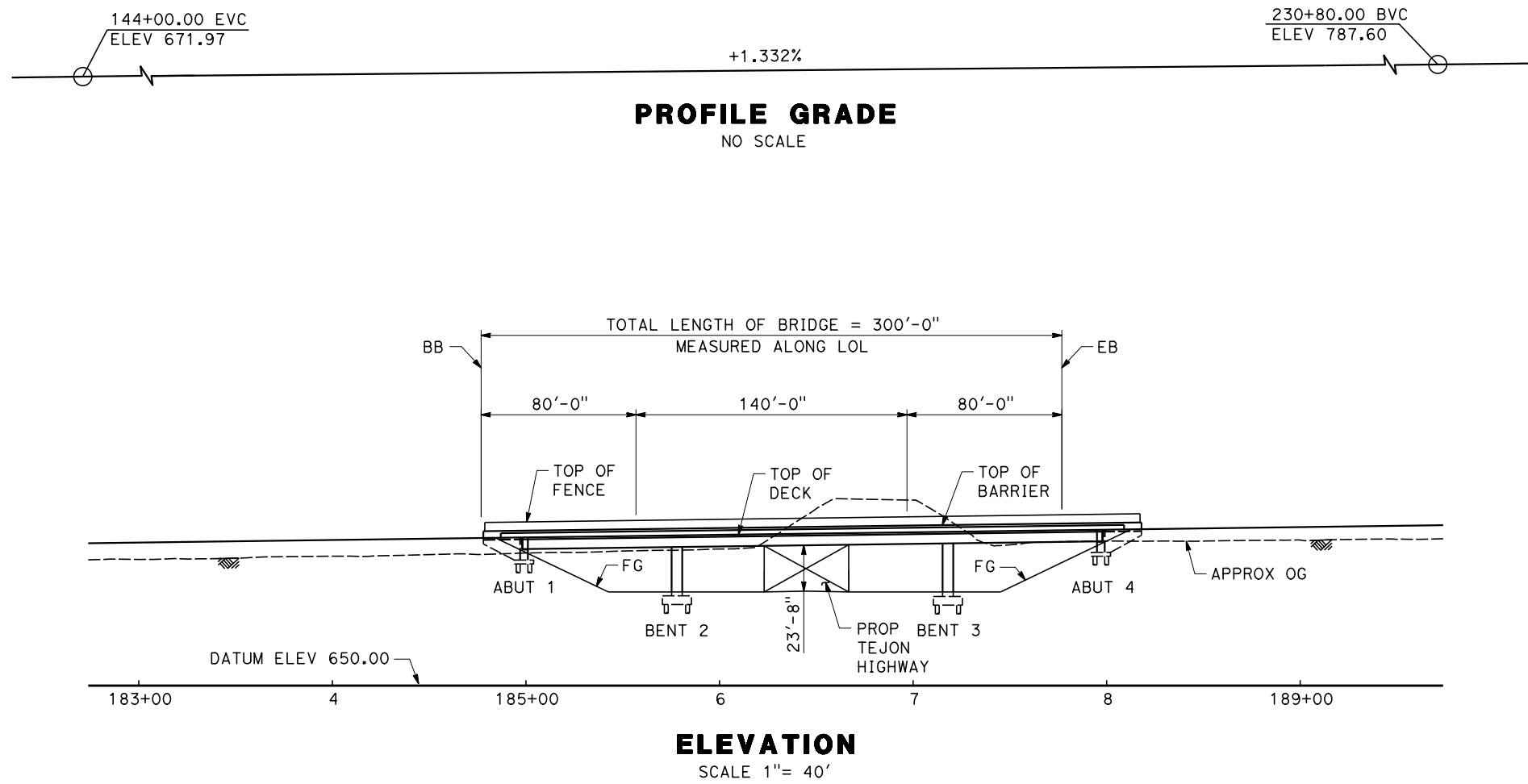
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,3,5  
ROADWAY STRUCTURES  
COMANCHE DRIVE WB UNDERCROSSING  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**ST-K1008**  
SCALE  
**AS SHOWN**  
SHEET NO.

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-K1009.dgn

11:23:41 AM

10/30/2017



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**

DRAWN BY  
**KEVIN BERRY**

CHECKED BY  
**ROBERT BARTON**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVES 1,3,5  
ROADWAY STRUCTURES  
TEJON HIGHWAY EB UNDERCROSSING  
PLAN AND ELEVATION

CONTRACT NO.  
HSR13-44

DRAWING NO.  
ST-K1009

SCALE  
AS SHOWN

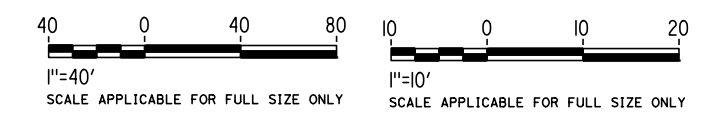
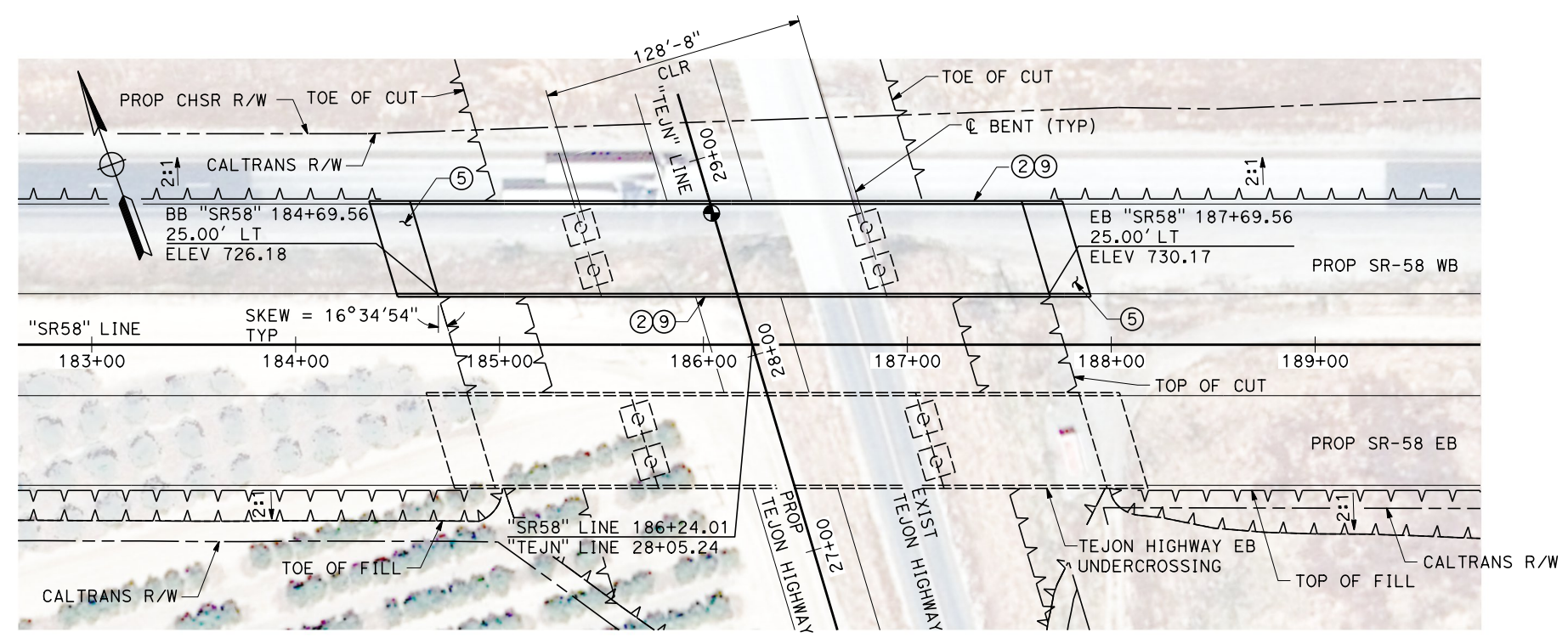
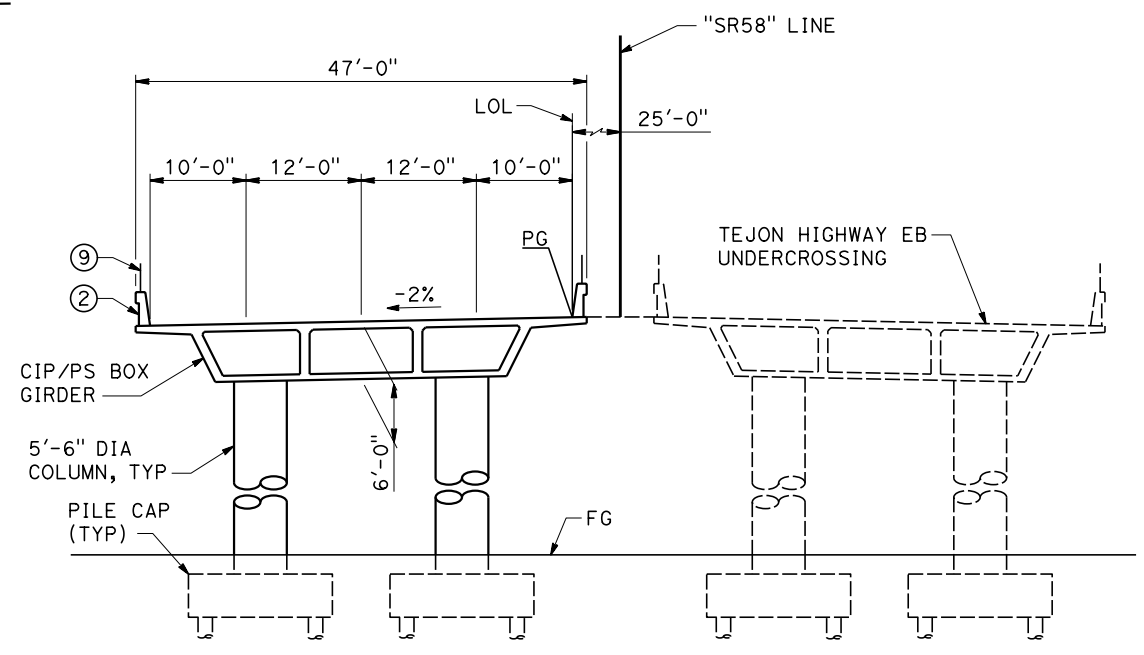
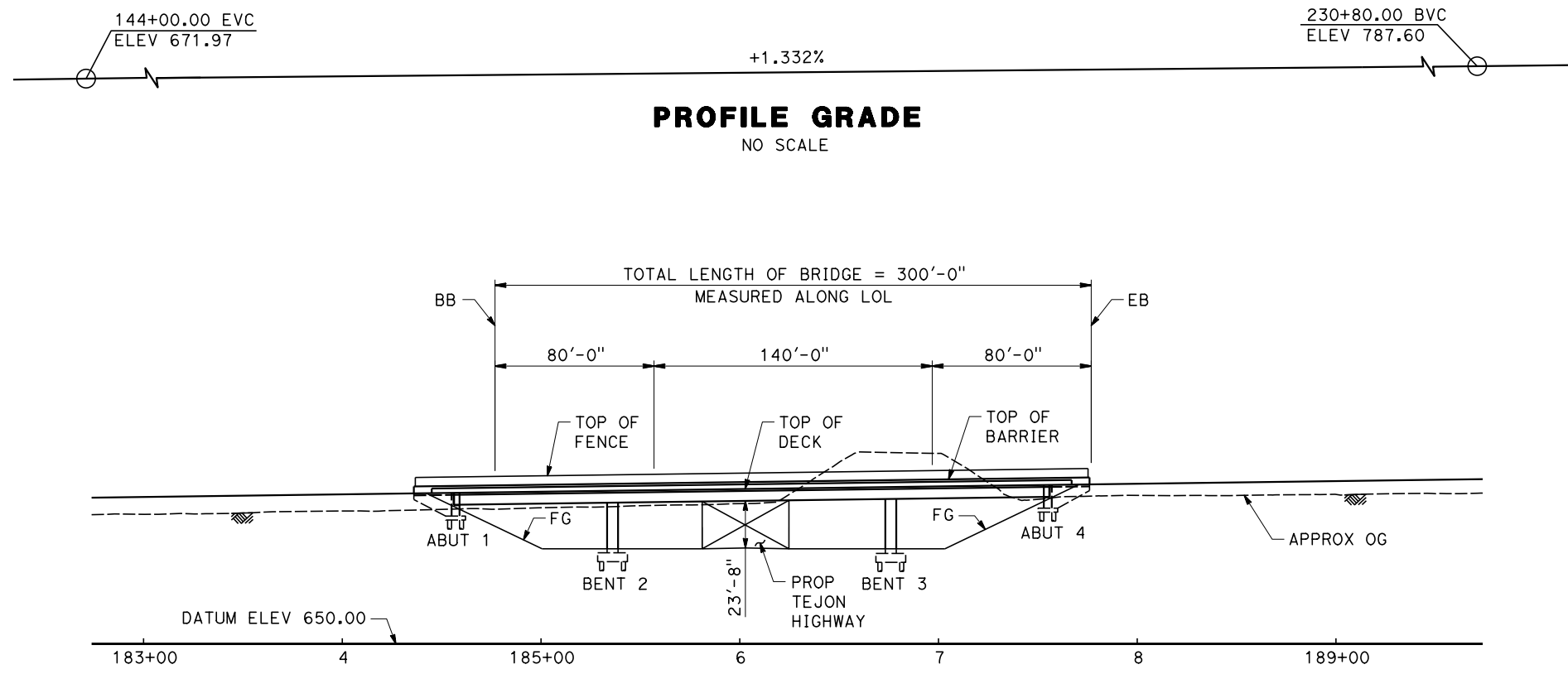
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Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-K1010.dgn

10/30/2017 11:17:05 AM

TYLIN\Wang



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**

DRAWN BY  
**KEVIN BERRY**

CHECKED BY  
**ROBERT BARTON**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,3,5  
ROADWAY STRUCTURES  
TEJON HIGHWAY WB UNDERCROSSING  
PLAN AND ELEVATION

CONTRACT NO.  
HSR13-44

DRAWING NO.  
ST-K1010

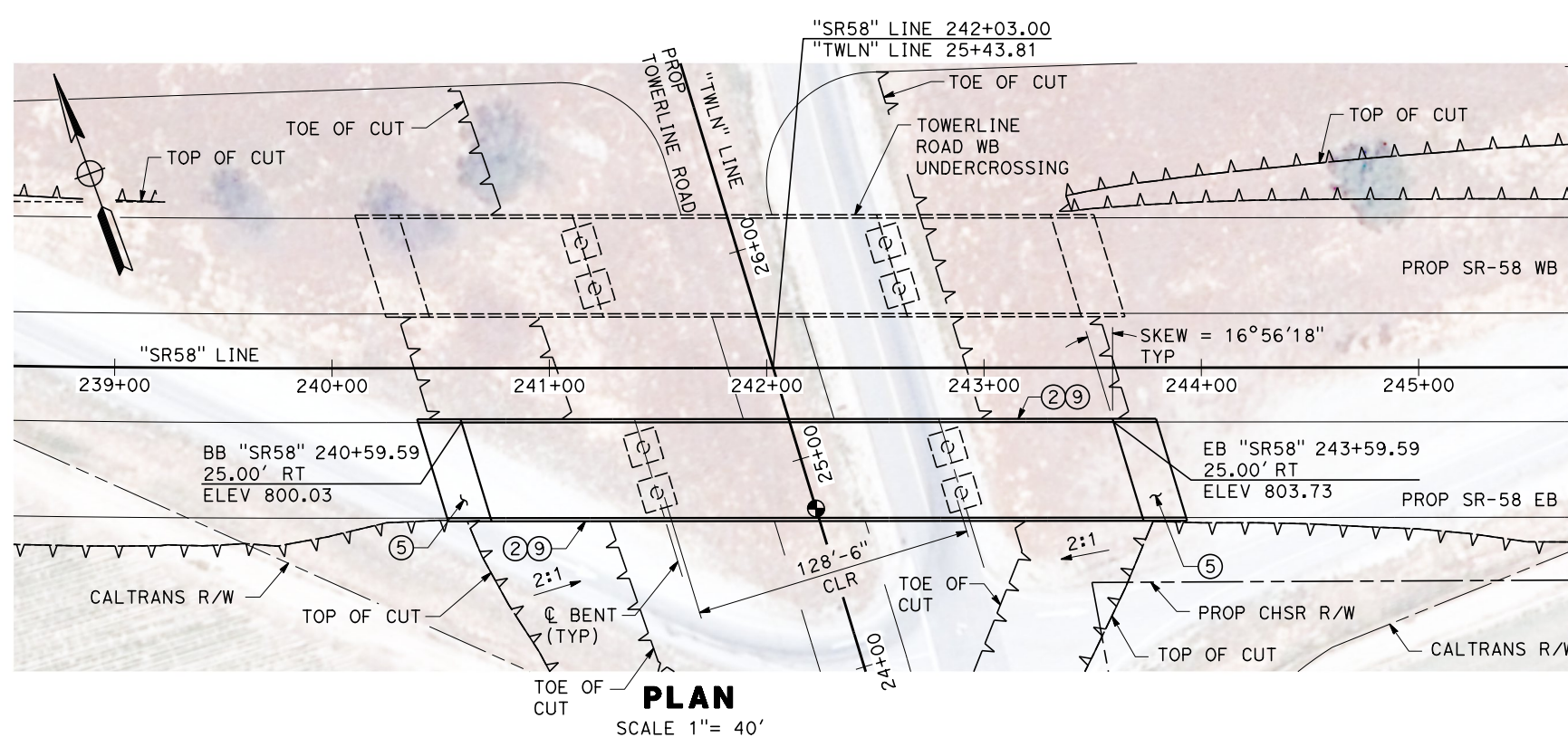
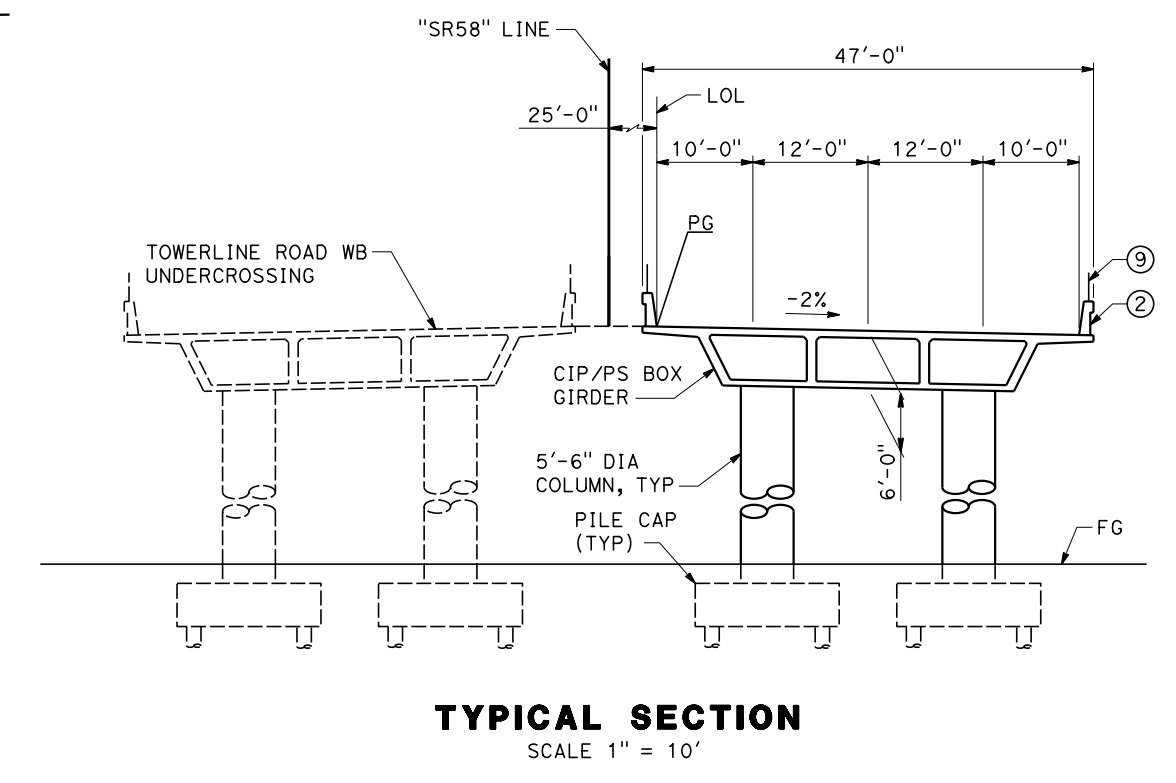
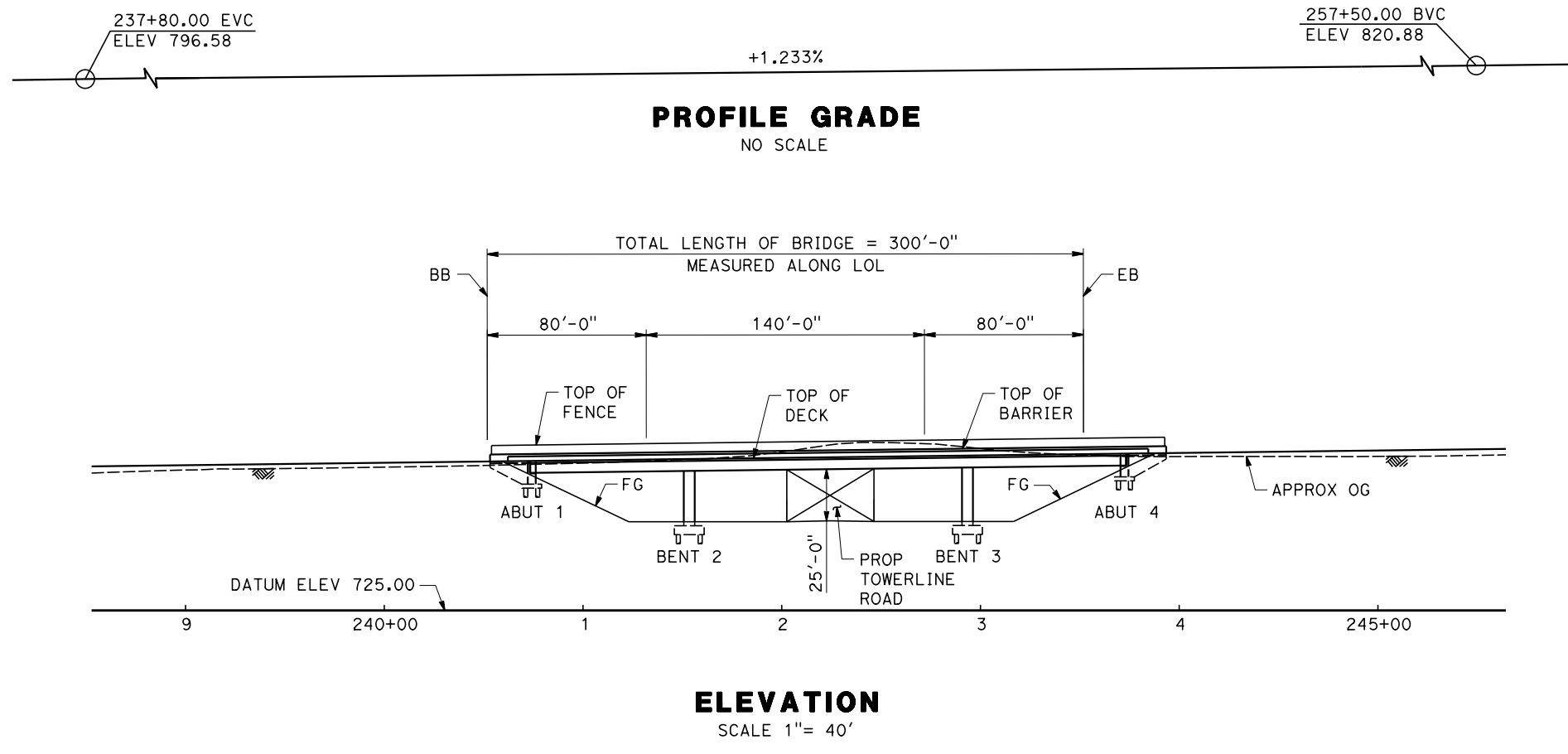
SCALE  
AS SHOWN

SHEET NO.

Projects\701206\_00\_CHSRBP\_00\_CADD\Sheet\_Files\ST\BP-ST-K1011.dgn

10/30/2017 11:25:43 AM

TYLIN\Wang



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**

DRAWN BY  
**KEVIN BERRY**

CHECKED BY  
**ROBERT BARTON**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,3,5  
ROADWAY STRUCTURES  
TOWERLINE ROAD EB UNDERCROSSING  
PLAN AND ELEVATION

CONTRACT NO.  
HSR13-44

DRAWING NO.  
ST-K1011

SCALE  
AS SHOWN

SHEET NO.

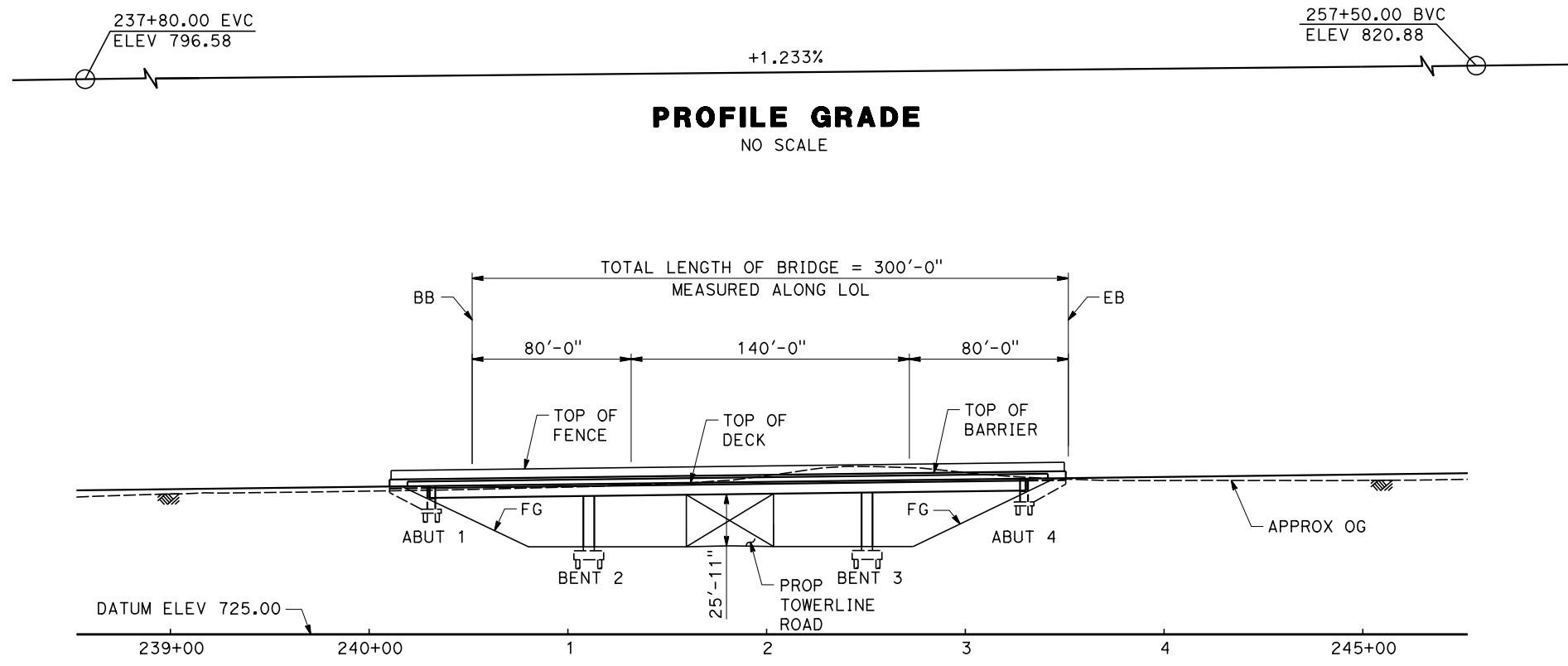


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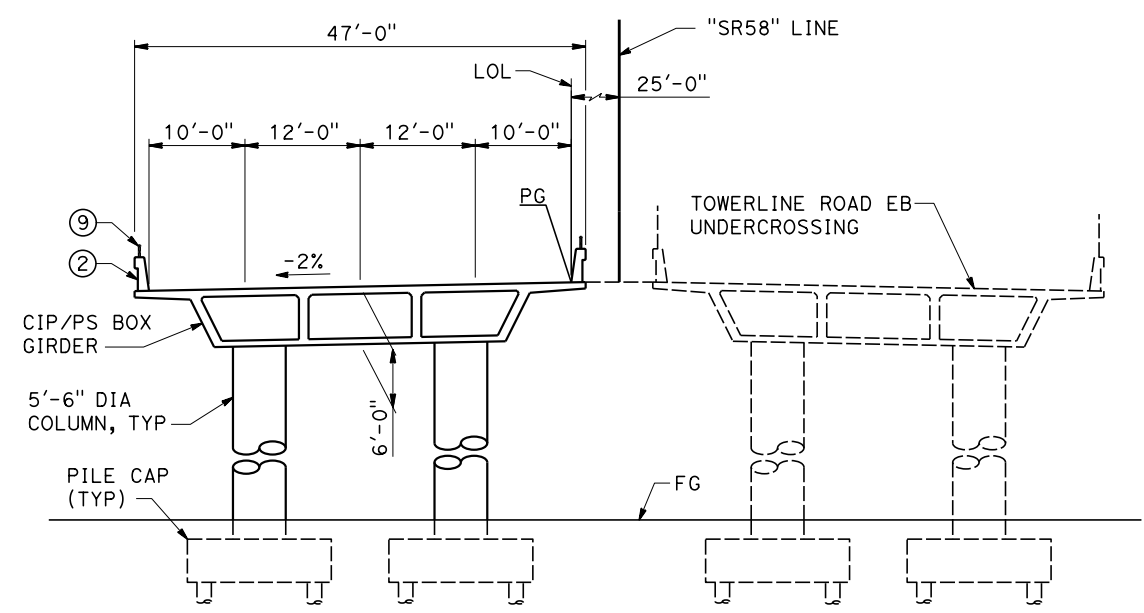
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10/30/2017

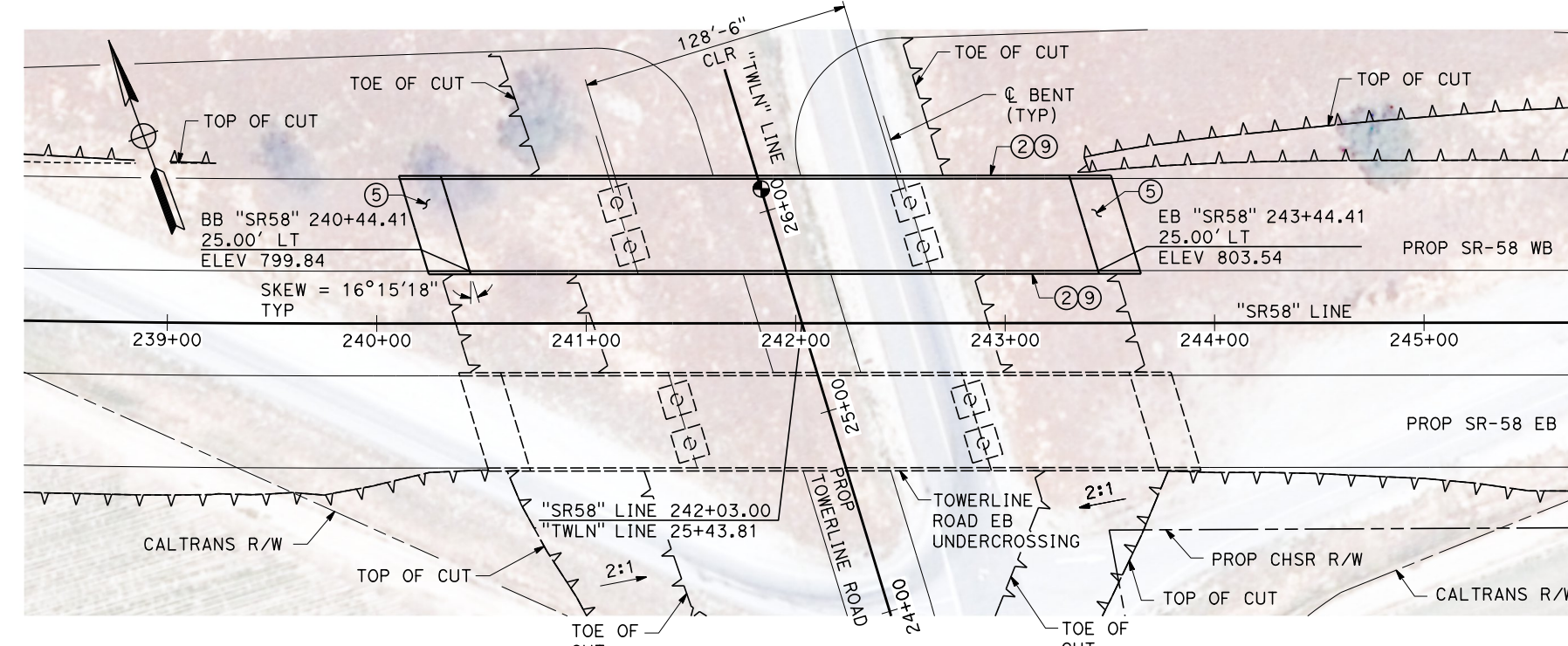
TYLIN\Wang



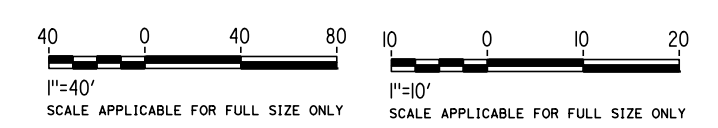
**MIRRORED ELEVATION**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**KEVIN BERRY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



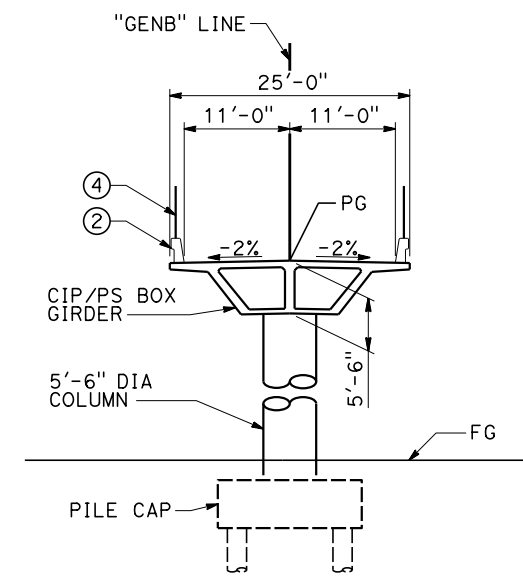
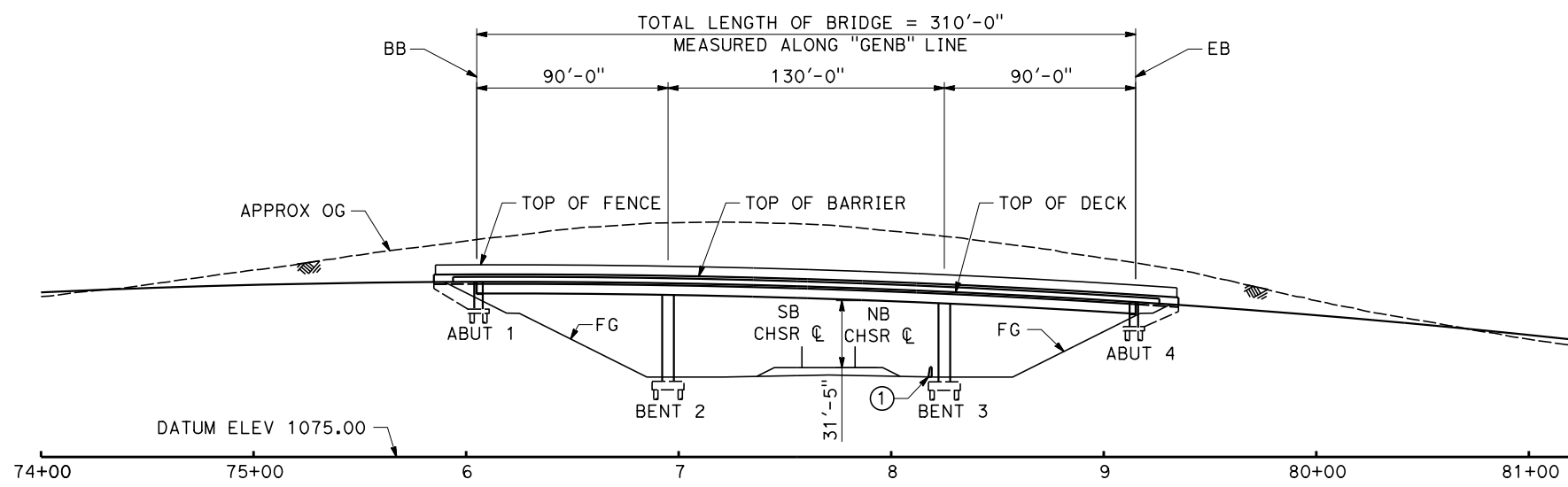
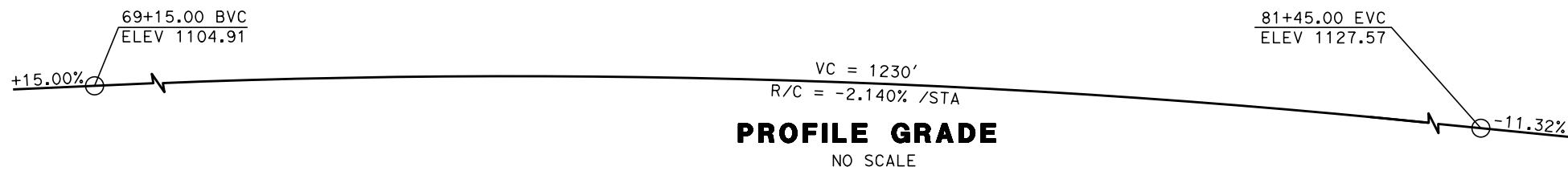
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,3,5  
ROADWAY STRUCTURES  
TOWERLINE ROAD WB UNDERCROSSING  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
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SHEET NO.

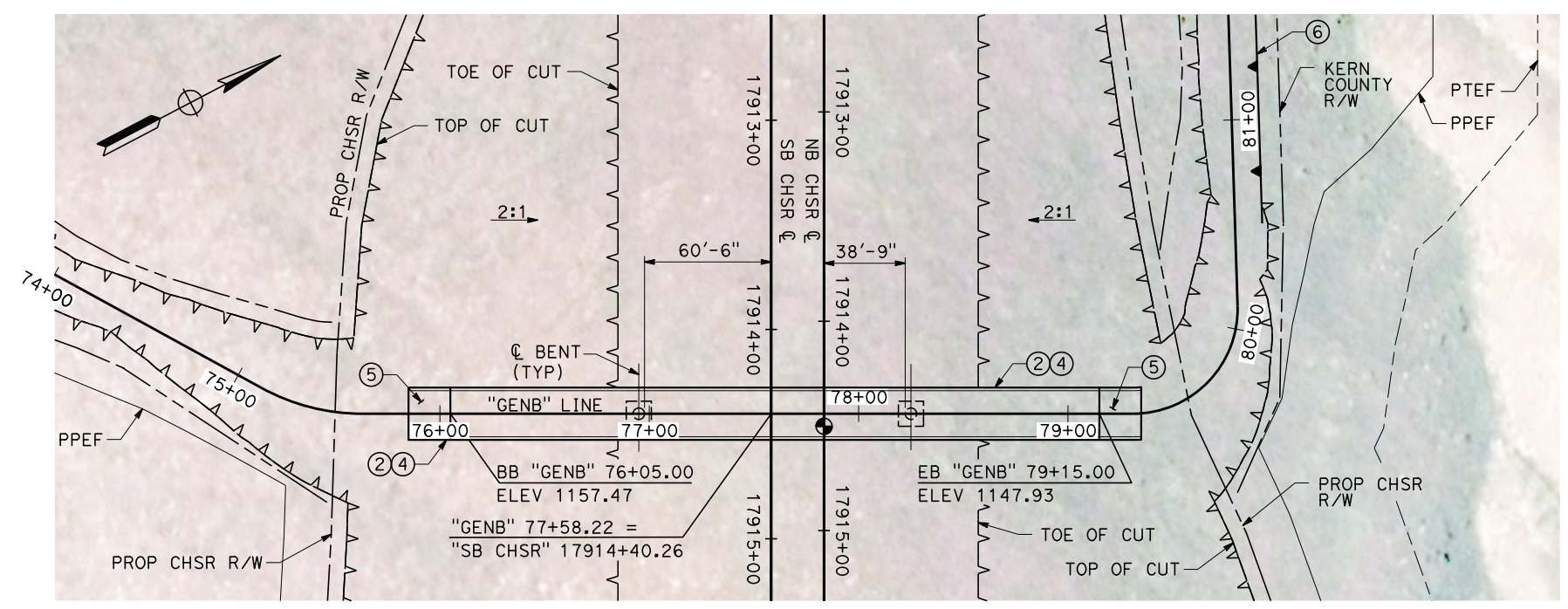
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10/30/2017 11:14:41 AM

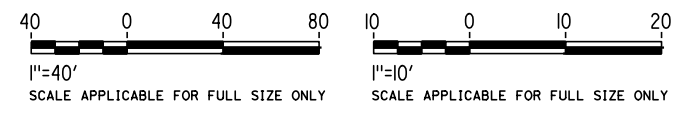
TYLIN\Wang



**TYPICAL SECTION**  
SCALE 1"= 10'



**PLAN**  
SCALE 1"= 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
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

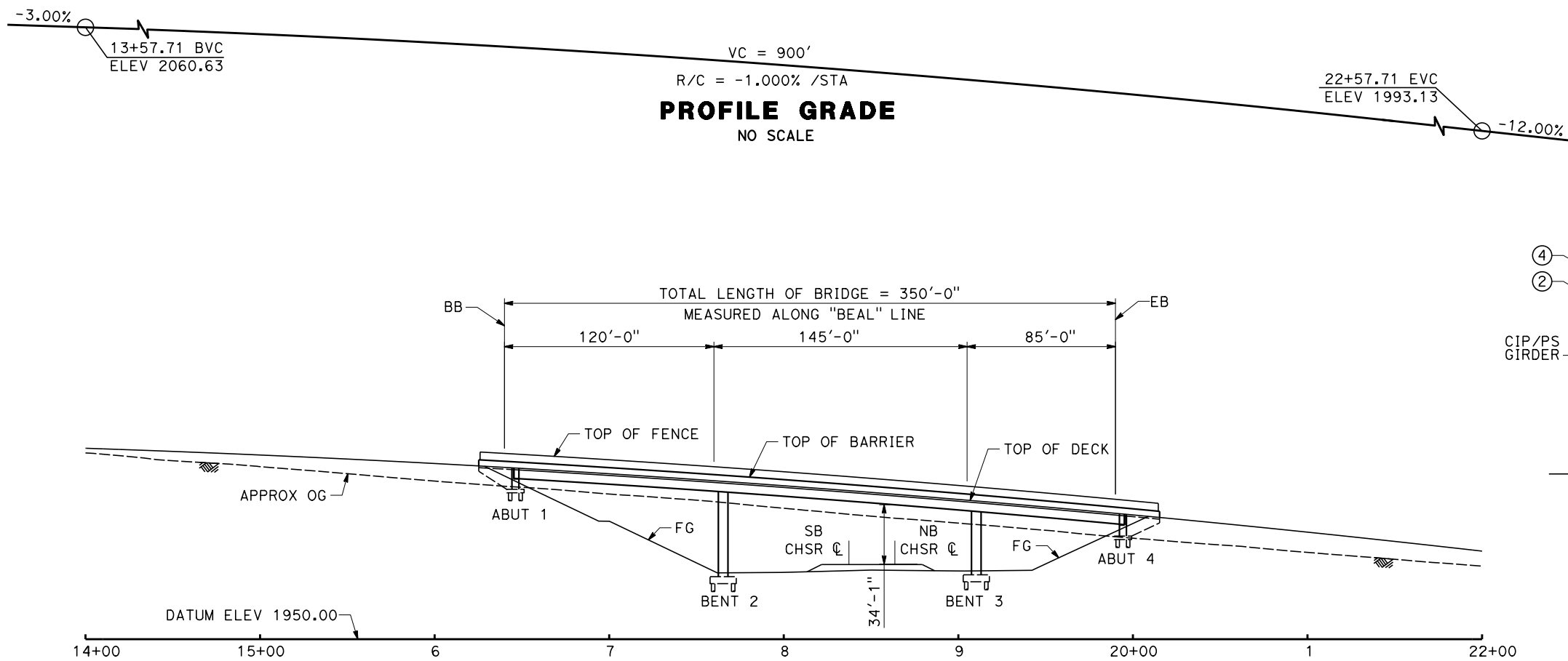
CONTRACT NO.  
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DRAWING NO.  
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SHEET NO.



Projects\701206.00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-K1014.dgn

10/30/2017 11:15:32 AM

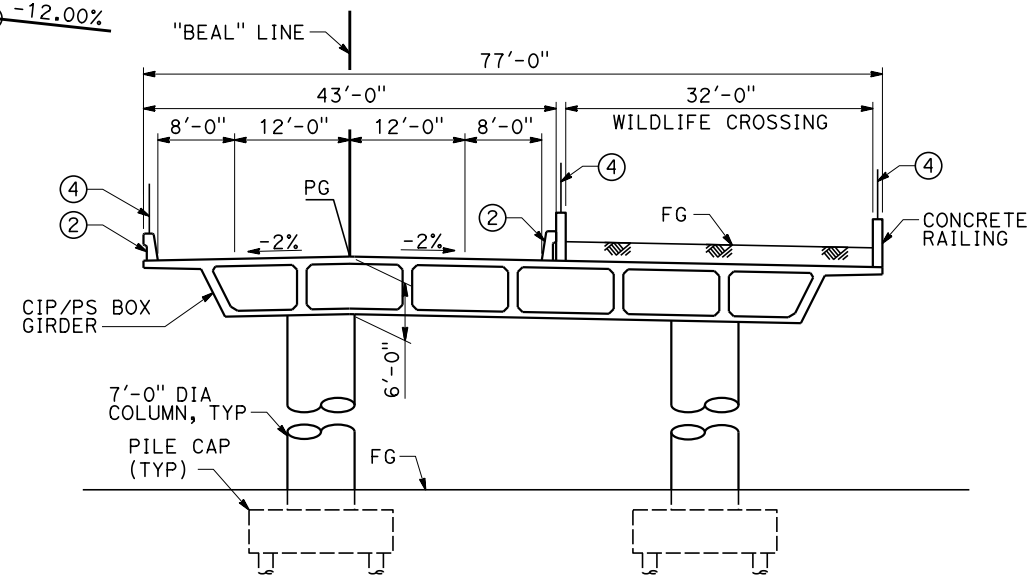
TYLIN\Wang



**PROFILE GRADE**  
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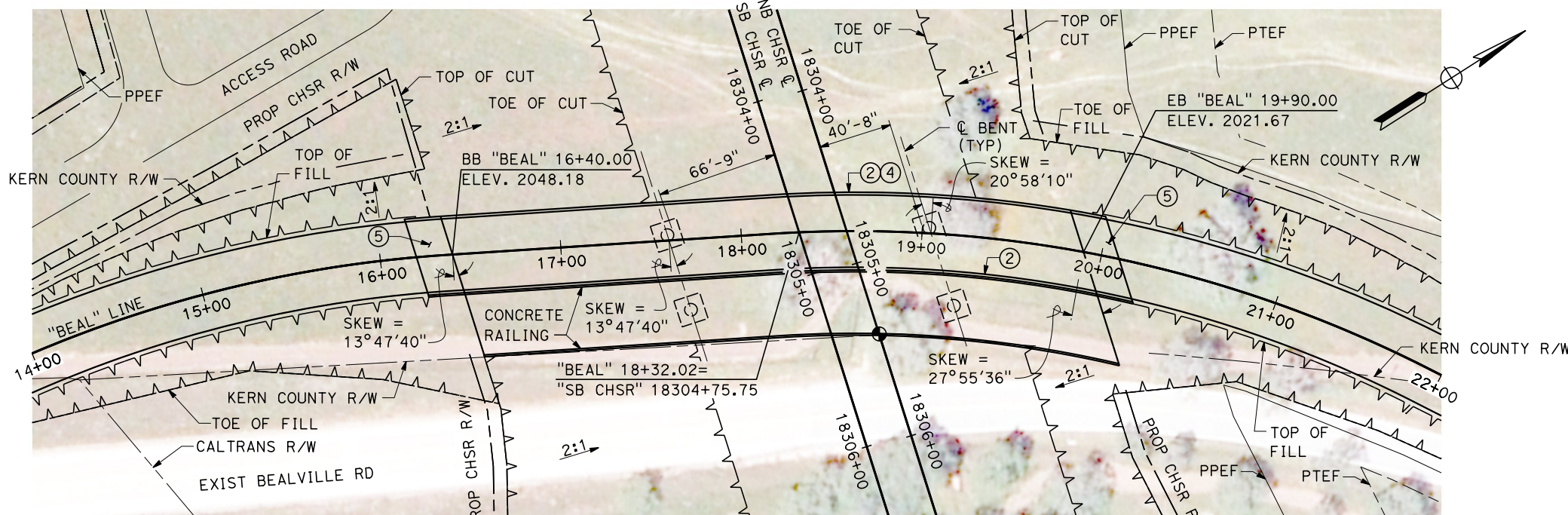
VC = 900'  
R/C = -1.000% /STA

22+57.71 EVC  
ELEV 1993.13



**TYPICAL SECTION**  
SCALE 1" = 10'

**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

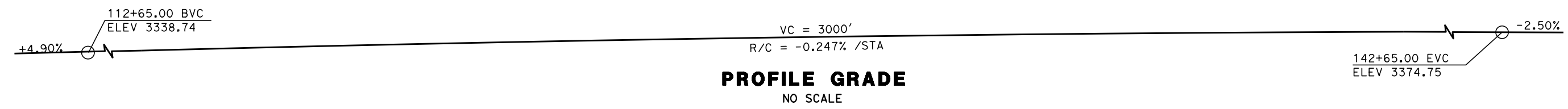
**NOT FOR  
CONSTRUCTION**



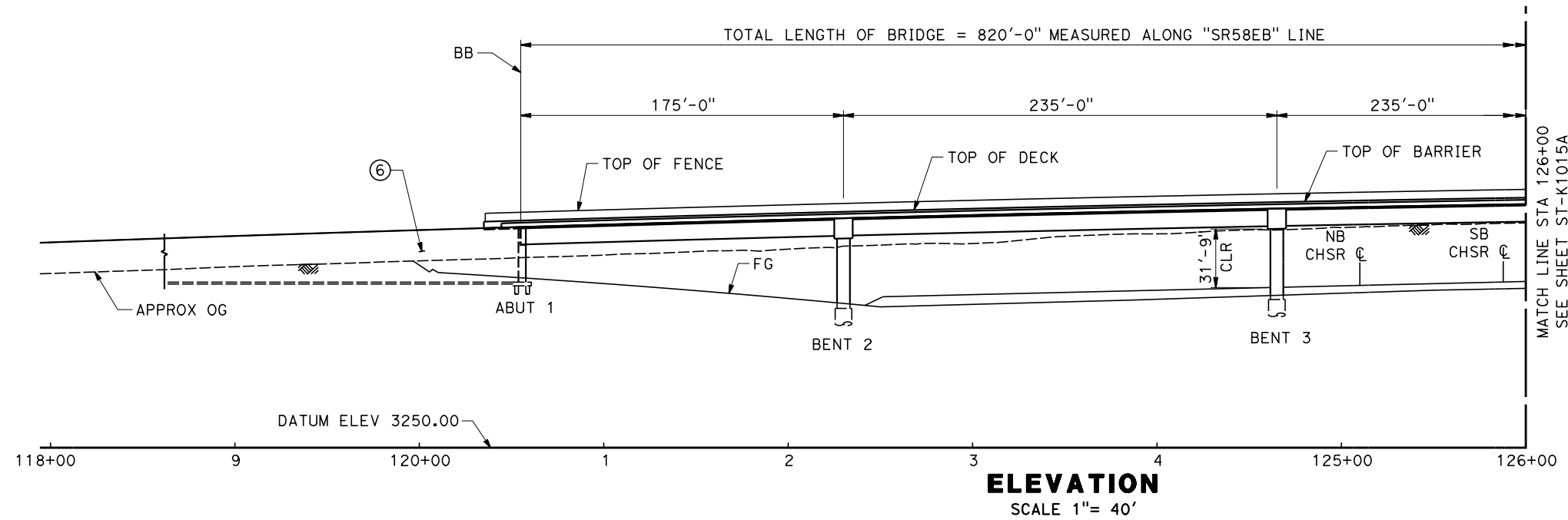
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,2,3,5  
ROADWAY STRUCTURES  
BEALVILLE ROAD OVERHEAD  
PLAN AND ELEVATION

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

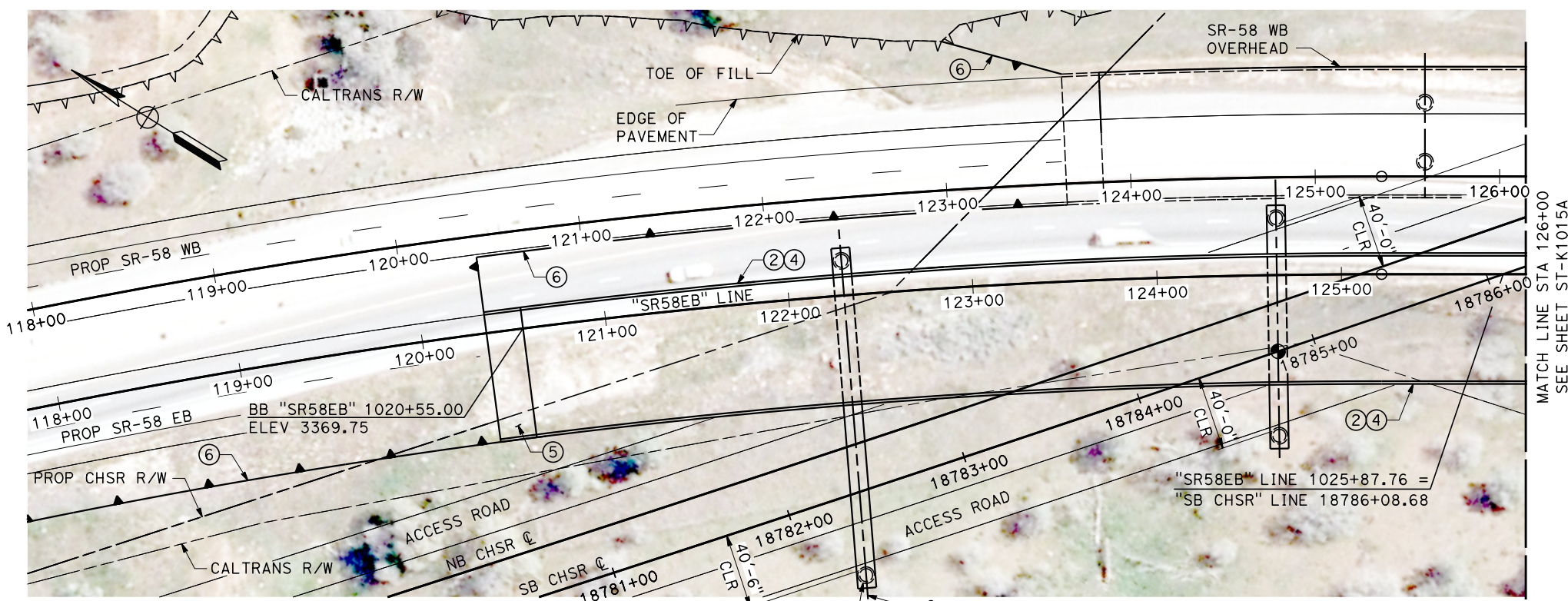
Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-K1015.dgn 11:14:20 AM 10/30/2017 TYLIN\Wang



**PROFILE GRADE**  
NO SCALE



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



BY					
CHK					
APP					
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**KEVIN BERRY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVES 1,2,3,5  
ROADWAY STRUCTURES  
SR 58 EB OVERHEAD  
PLAN AND ELEVATION

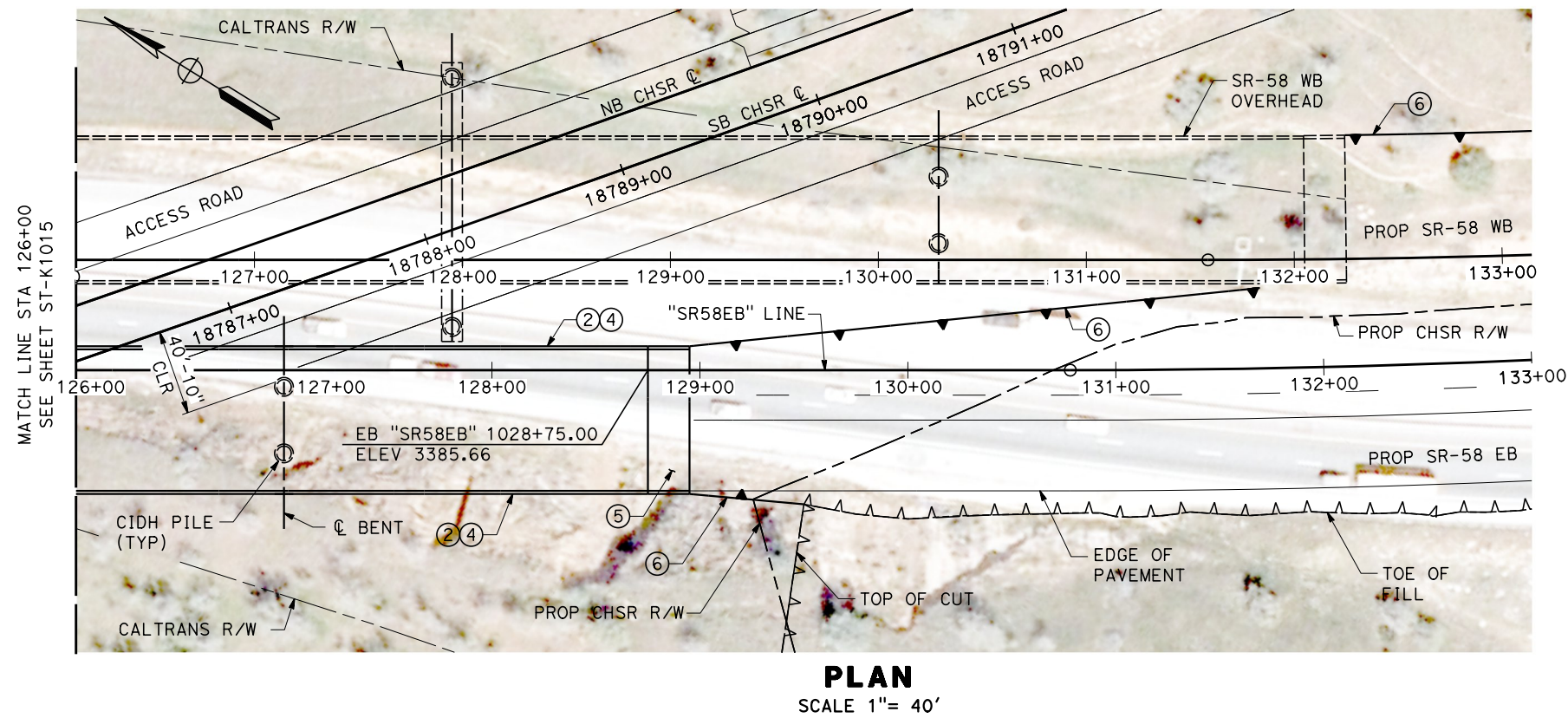
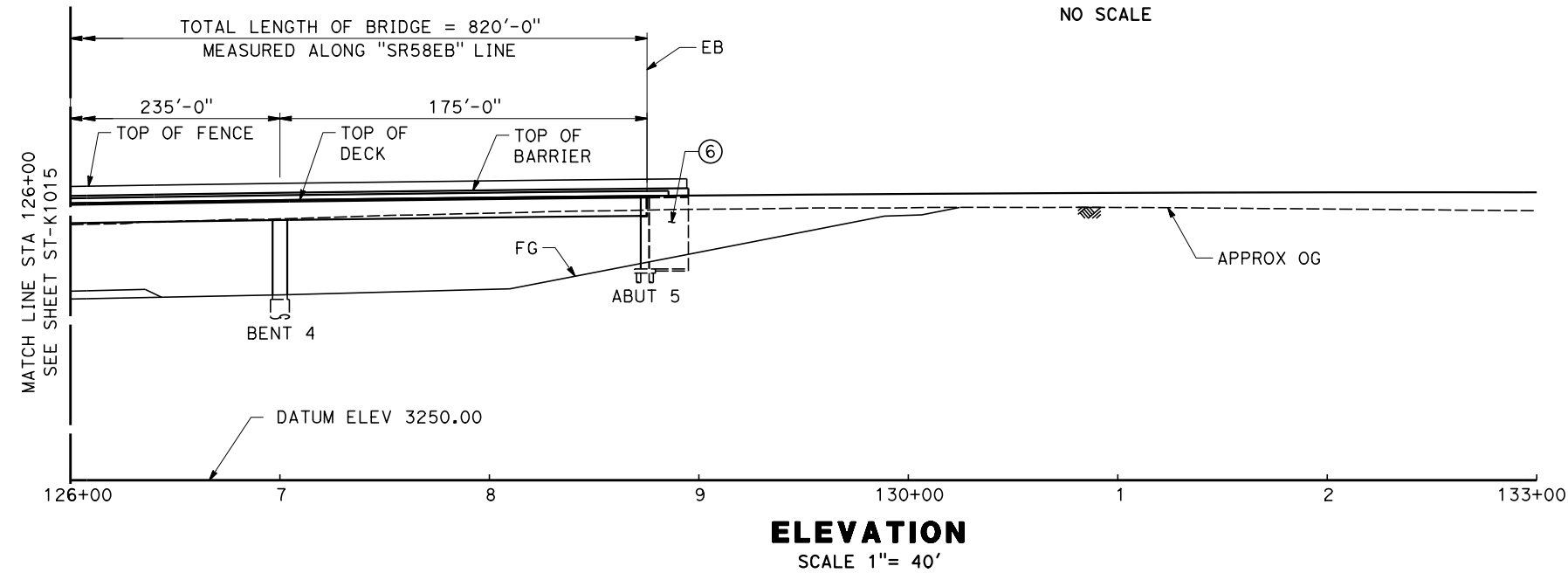
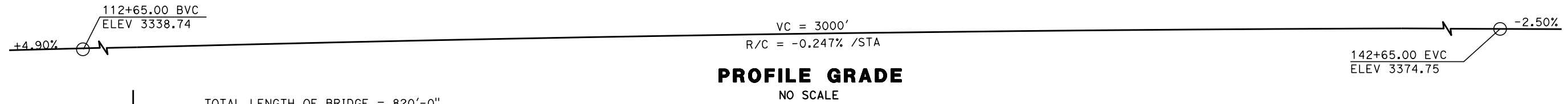
CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**ST-K1015**

SCALE  
**AS SHOWN**

SHEET NO.





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11:10:08 AM

10/30/2017

TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**KEVIN BERRY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



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

ALTERNATIVES 1,2,3,5  
ROADWAY STRUCTURES  
SR 58 EB OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**ST-K1015a**

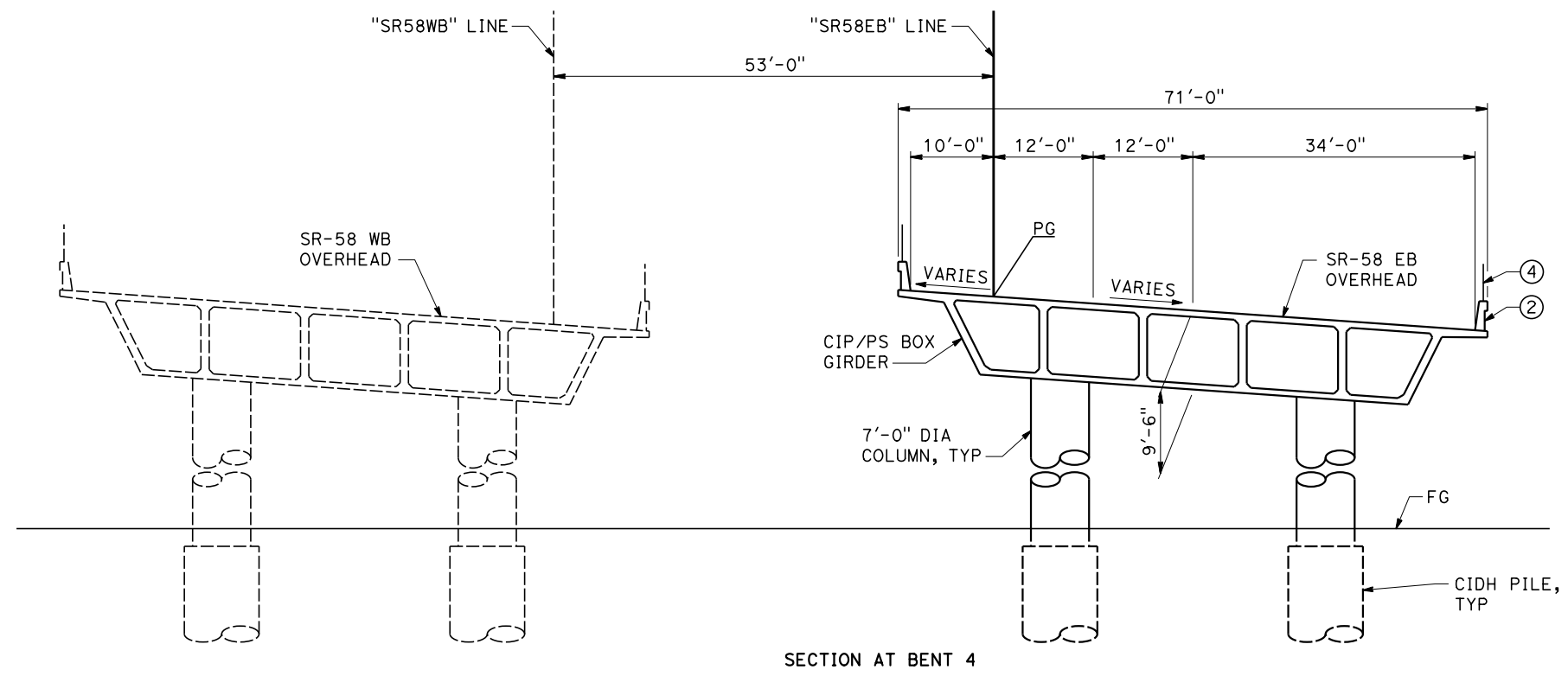
SCALE  
**AS SHOWN**

SHEET NO.

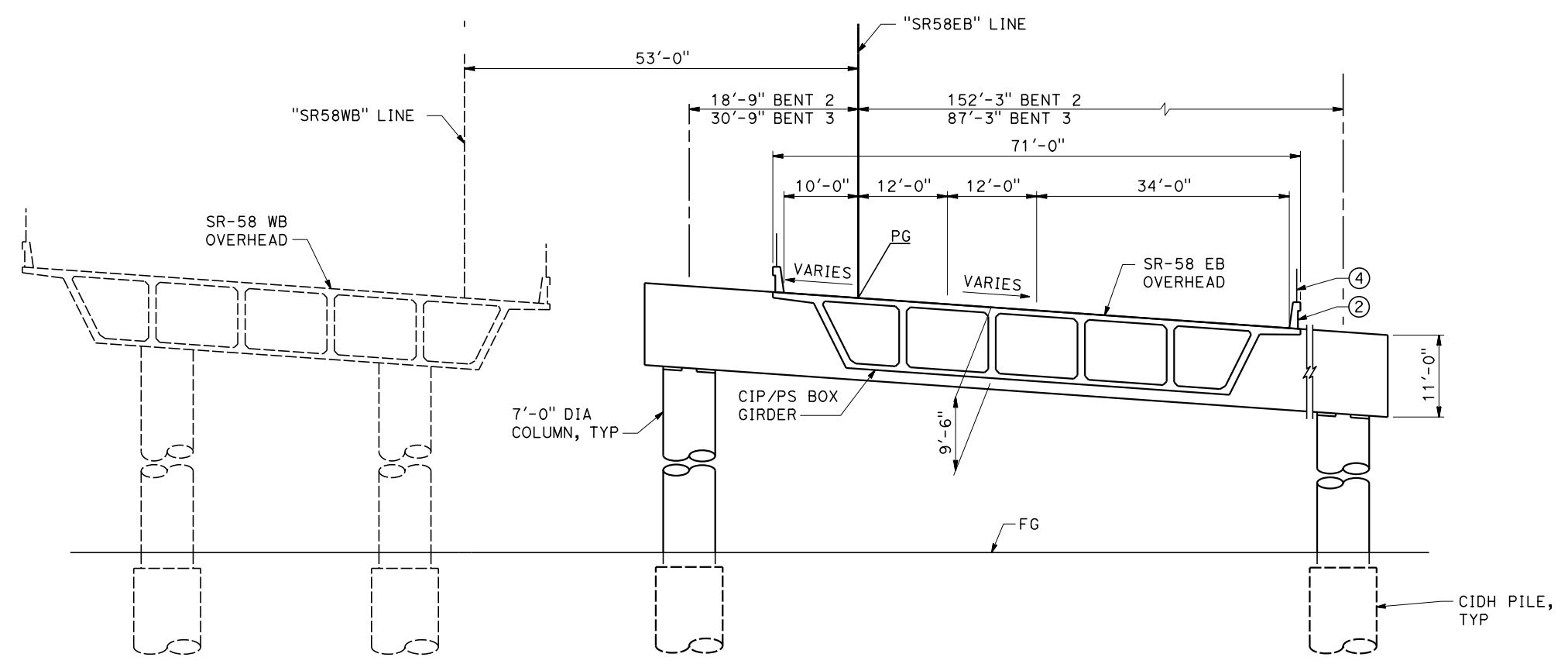
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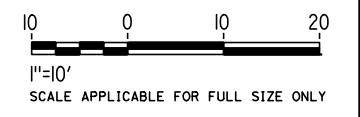
TYLIN\Wang



SECTION AT BENT 4



SECTION AT BENT 2 & 3  
**TYPICAL SECTION**  
SCALE 1" = 10'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**KEVIN BERRY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

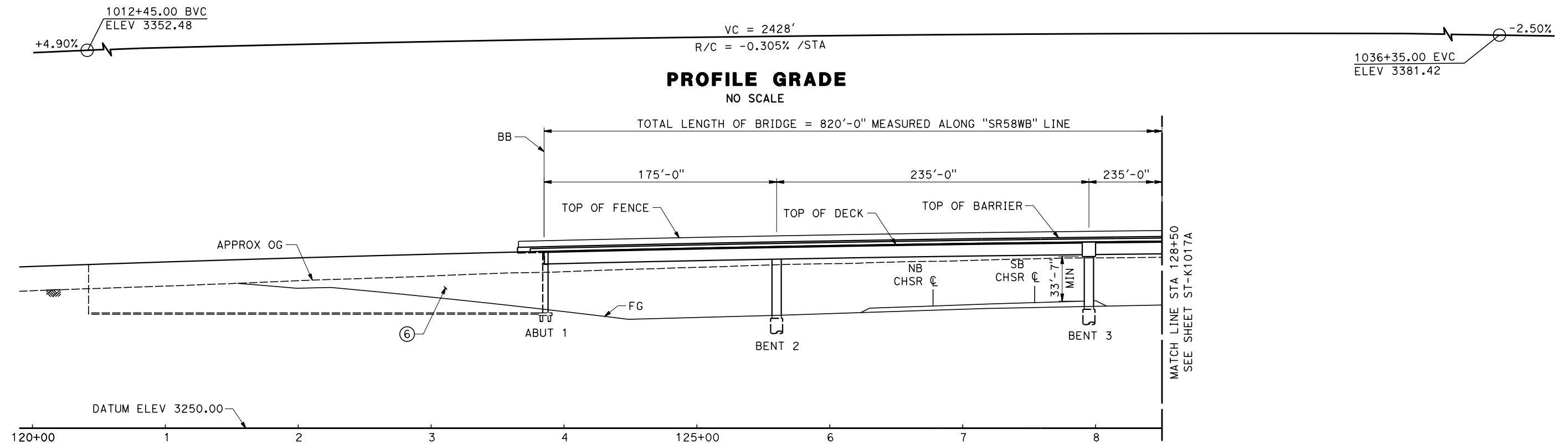


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,2,3,5  
ROADWAY STRUCTURES  
SR 58 EB OVERHEAD  
TYPICAL SECTION

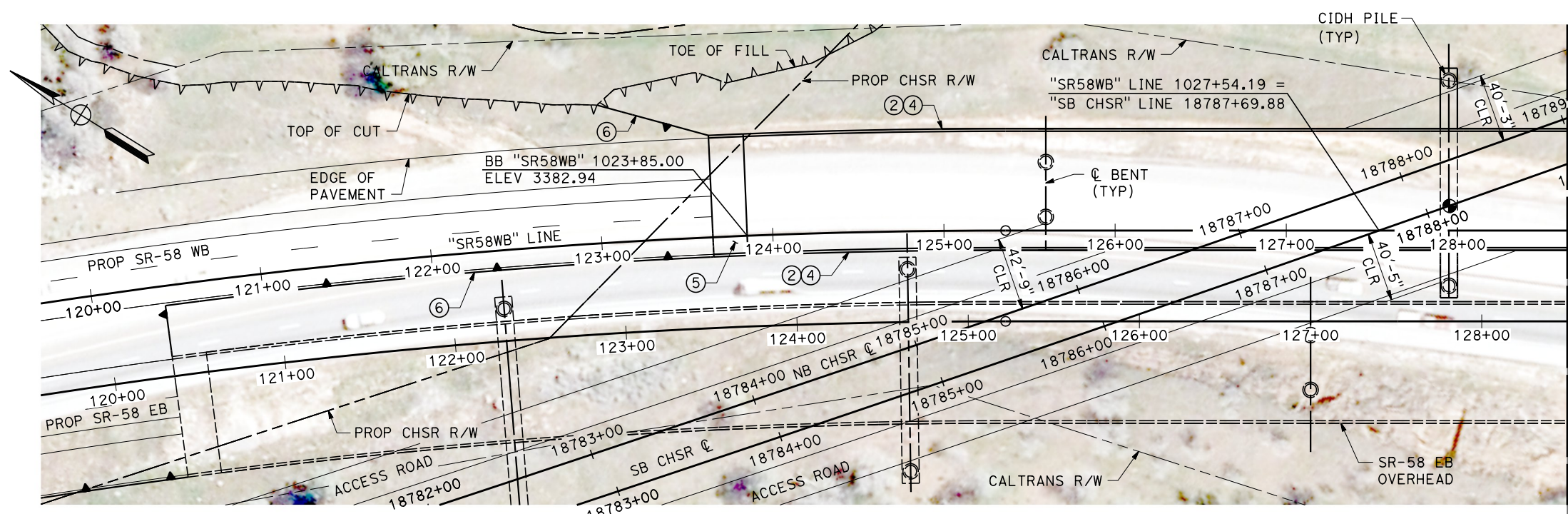
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**HSR13-44**  
DRAWING NO.  
**ST-K1016**  
SCALE  
**AS SHOWN**  
SHEET NO.



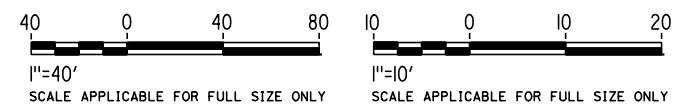
Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\ST\BP-ST-K1017.dgn 10/30/2017 11:22:21 AM TYLIN\Wang



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**KEVIN BERRY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVES 1,2,3,5  
ROADWAY STRUCTURES  
SB 58 WB OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**ST-K1017**

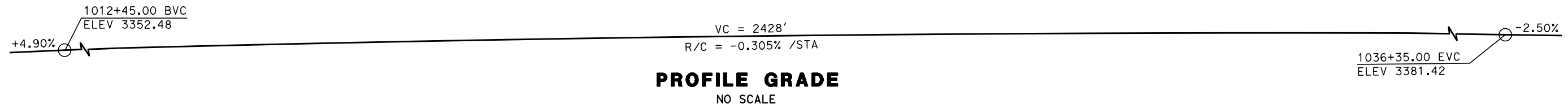
SCALE  
**AS SHOWN**

SHEET NO.

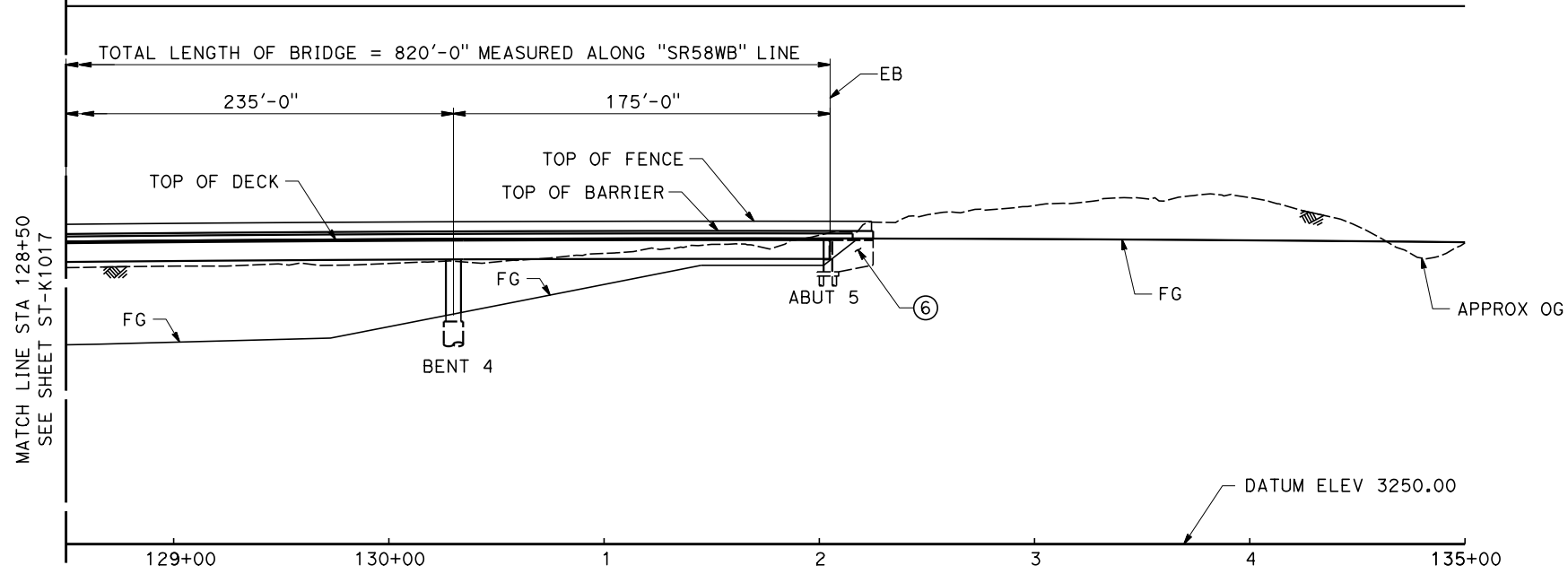
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10/30/2017 11:09:56 AM

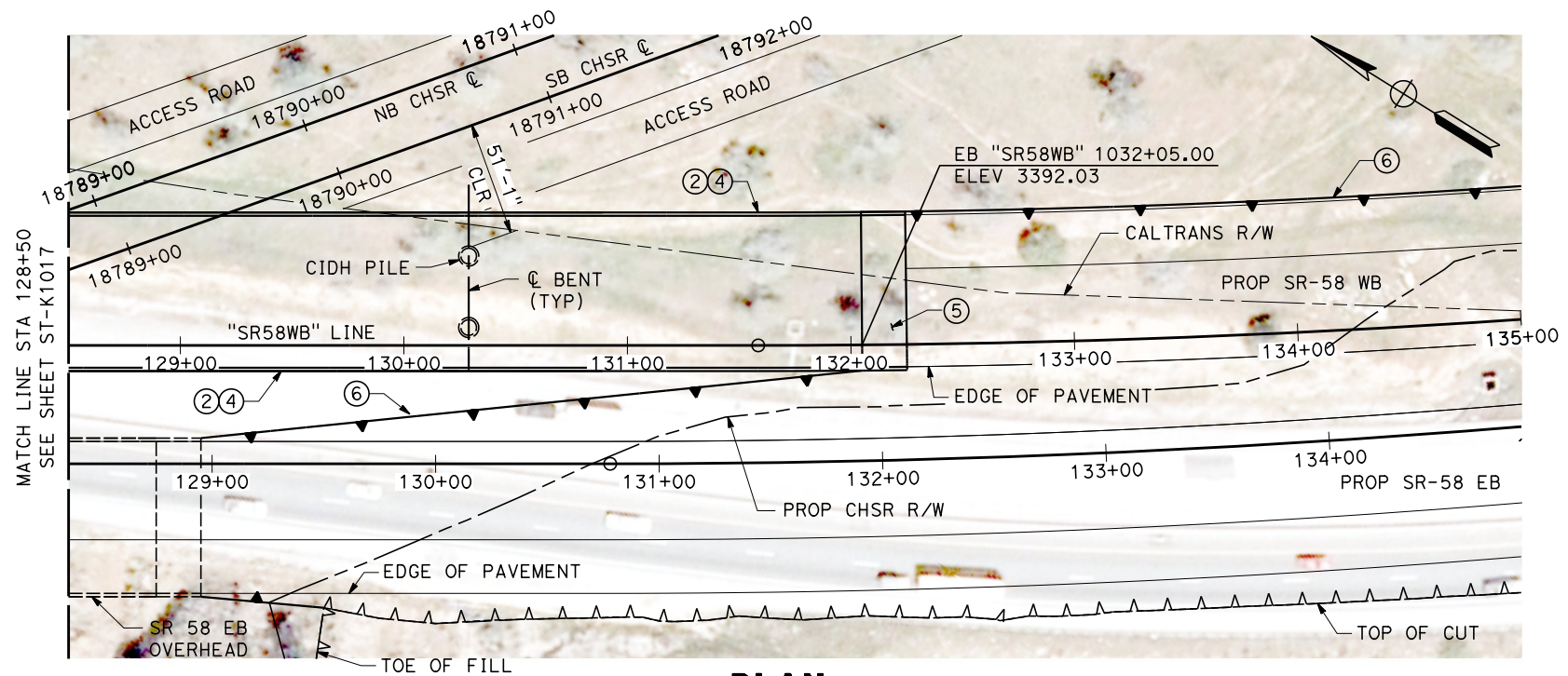
TYLIN\Wang



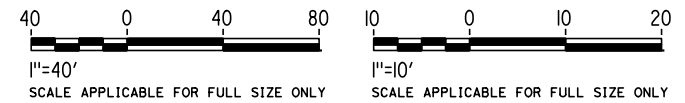
**PROFILE GRADE**  
NO SCALE



**ELEVATION**  
SCALE 1"= 40'



**PLAN**  
SCALE 1"= 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**KEVIN BERRY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**SEGMENT/SUBDIVISION**  
ALTERNATIVES 1,2,3,5  
ROADWAY STRUCTURES  
SB 58 WB OVERHEAD  
PLAN AND ELEVATION

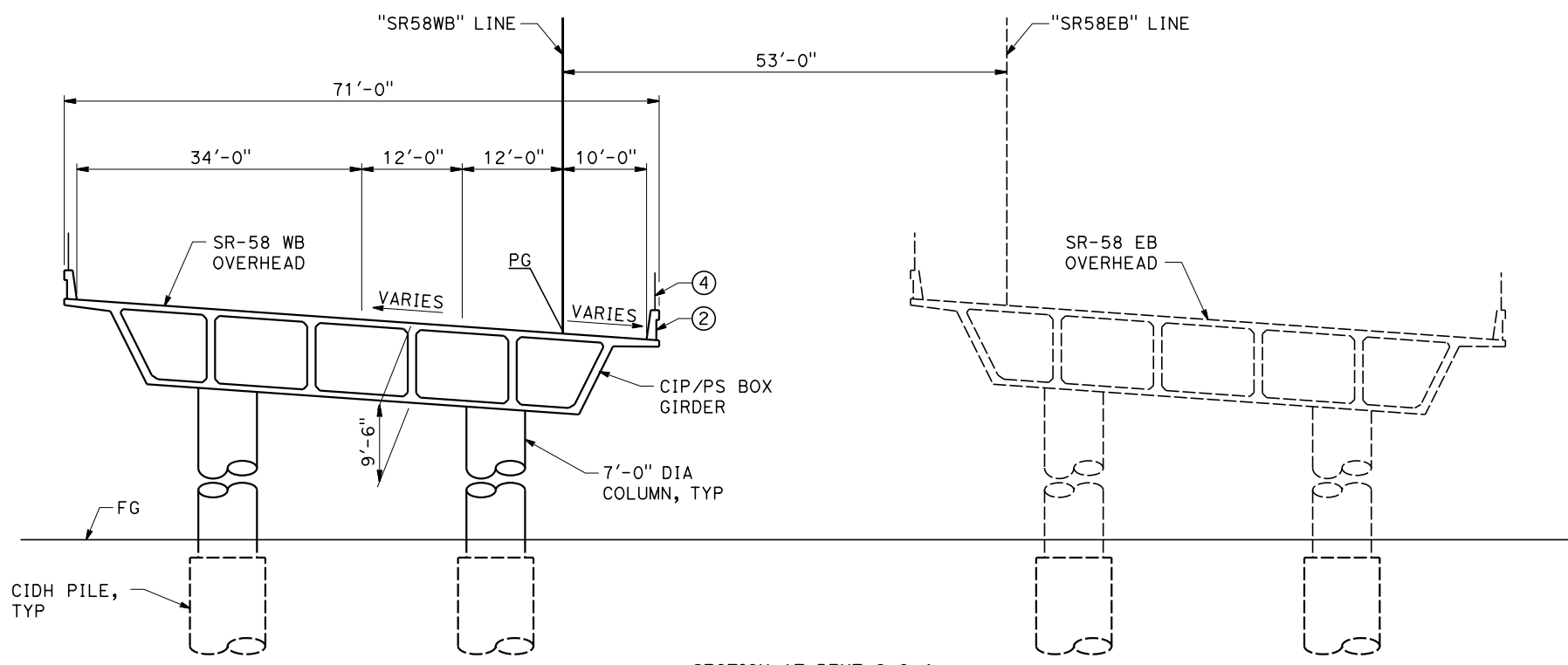
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DRAWING NO.  
**ST-K1017a**  
SCALE  
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SHEET NO.



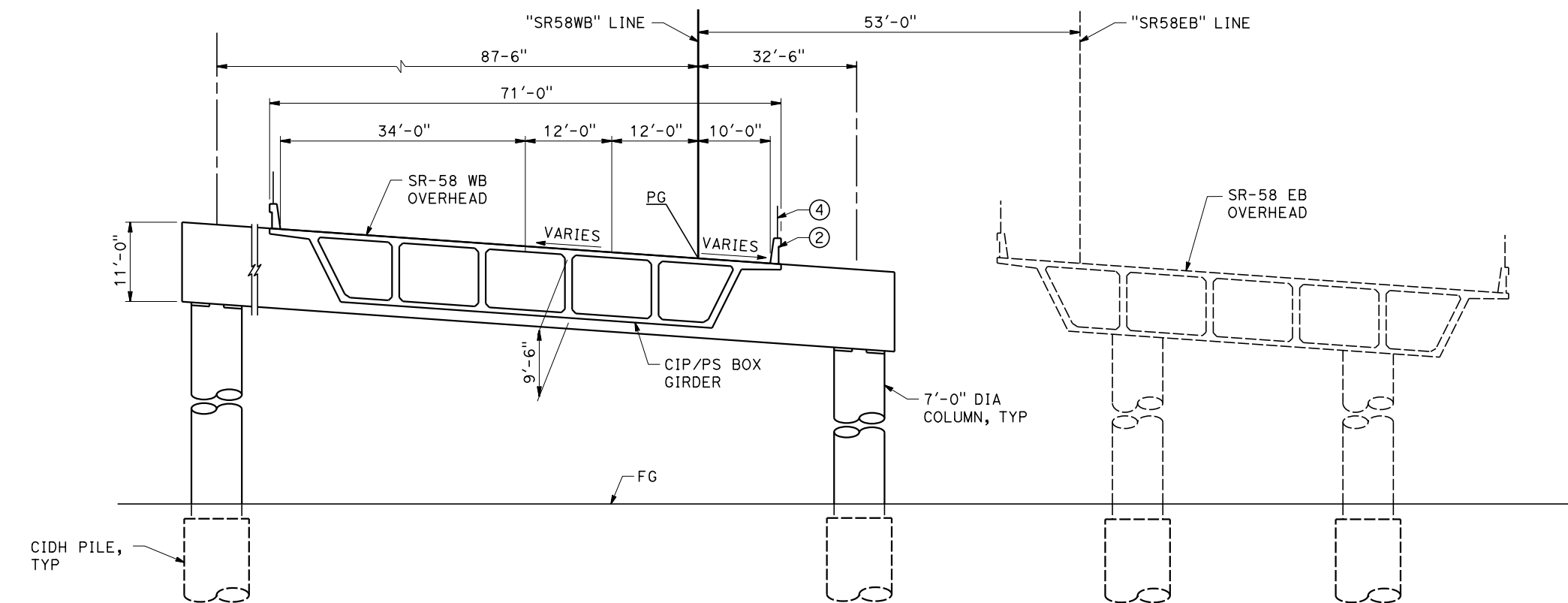
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10/30/2017 11:20:02 AM

TYLIN\Wang

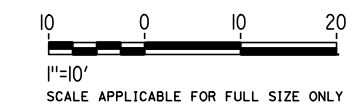


SECTION AT BENT 2 & 4



SECTION AT BENT 3

**TYPICAL SECTION**  
SCALE 1" = 10'

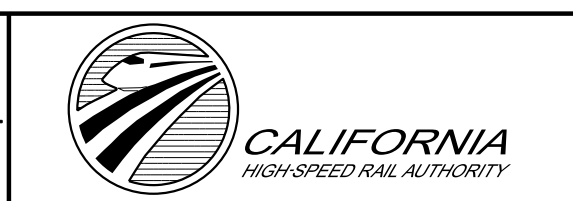


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**KEVIN BERRY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

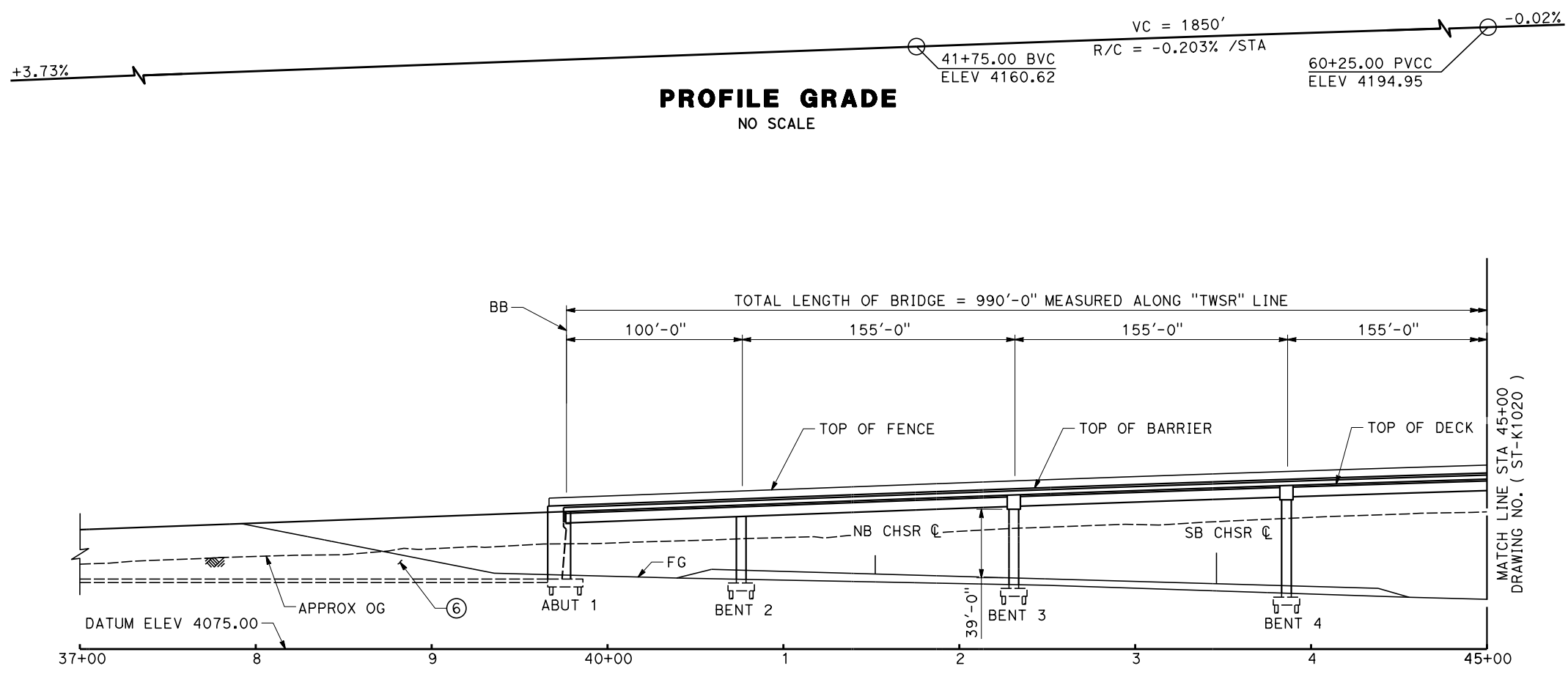
**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,2,3,5  
ROADWAY STRUCTURES  
SR 58 WB OVERHEAD  
TYPICAL SECTION

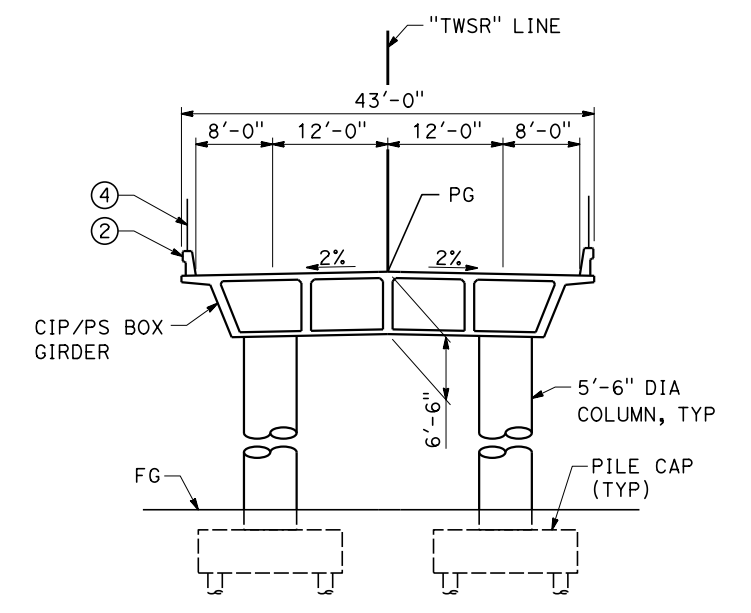
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DRAWING NO.  
**ST-K1018**  
SCALE  
**AS SHOWN**  
SHEET NO.

10/30/2017 11:24:50 AM TYLIN\Wang  
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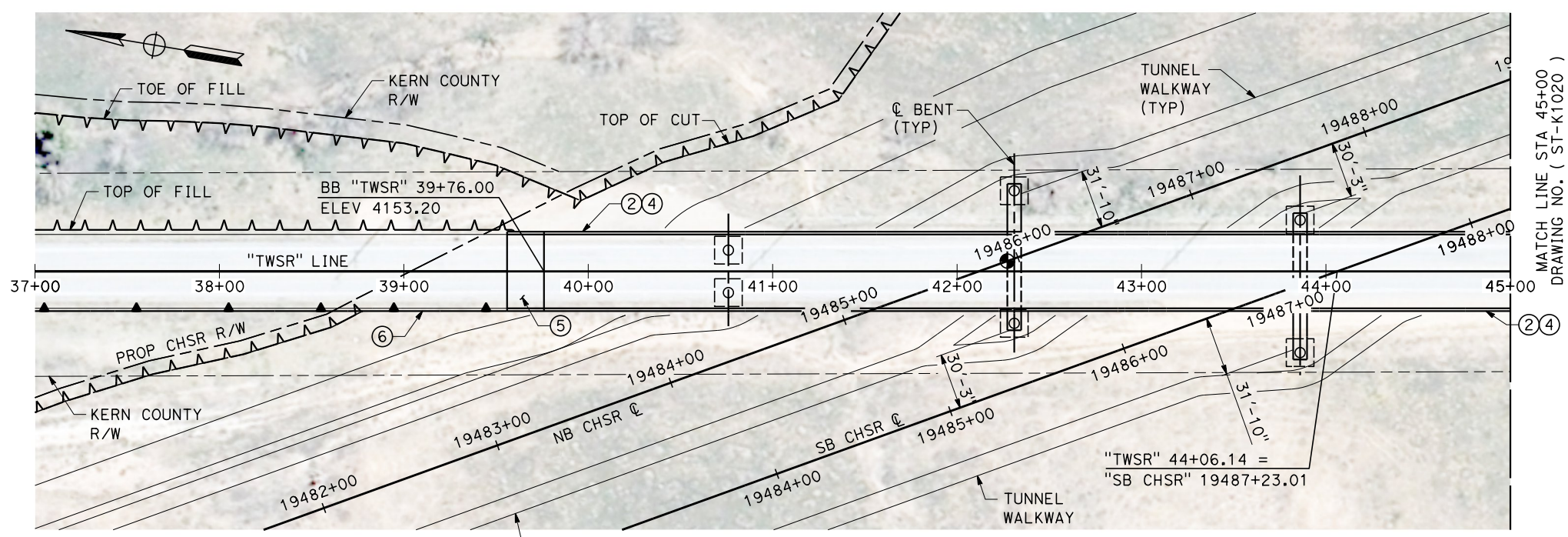


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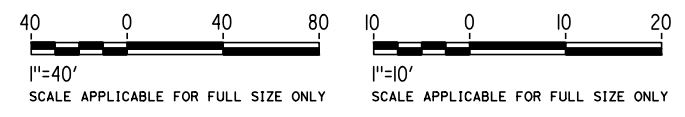
**ELEVATION**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
 DRAWN BY  
**DYLAN WILEY**  
 CHECKED BY  
**ROBERT BARTON**  
 IN CHARGE  
**STEVE SMITH**  
 DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**  
  
**NOT FOR  
CONSTRUCTION**



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

CONTRACT NO.  
**HSR13-44**  
 DRAWING NO.  
**ST-K1019**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

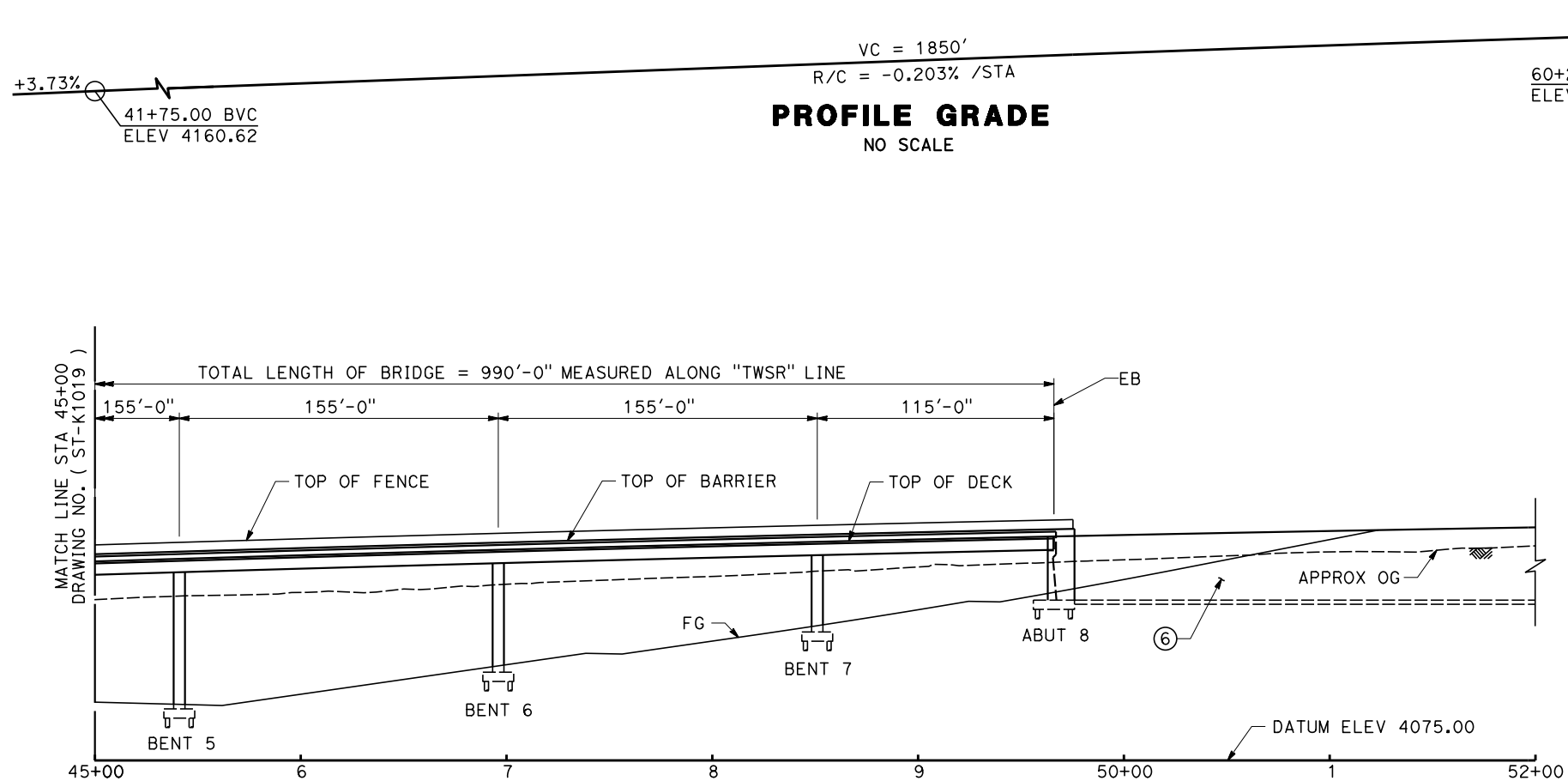


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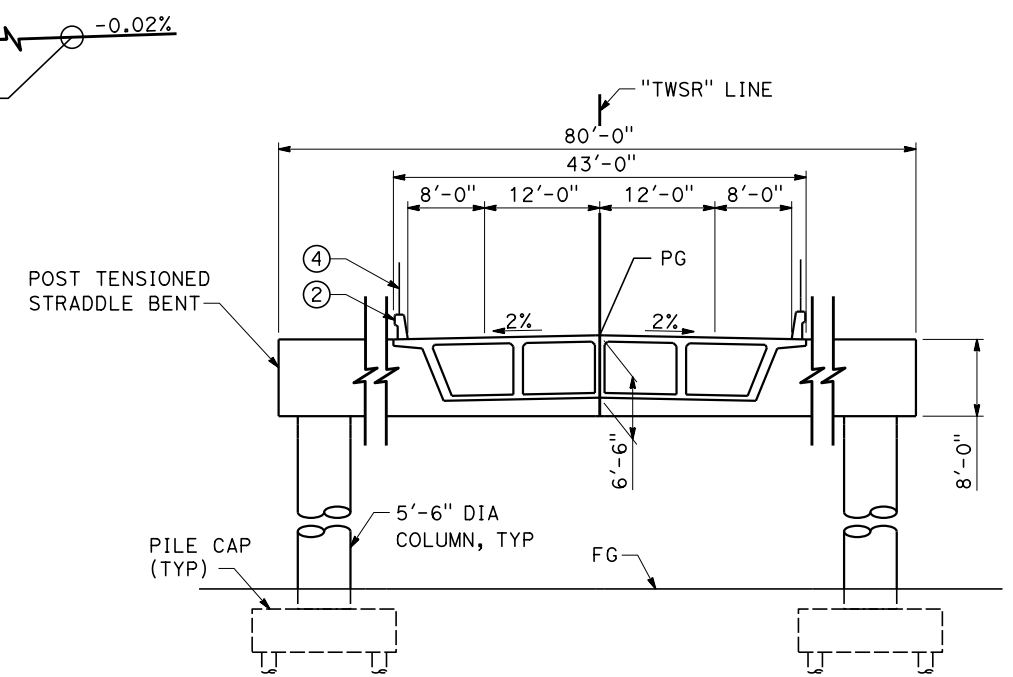
10/30/2017

TYLIN\Wang

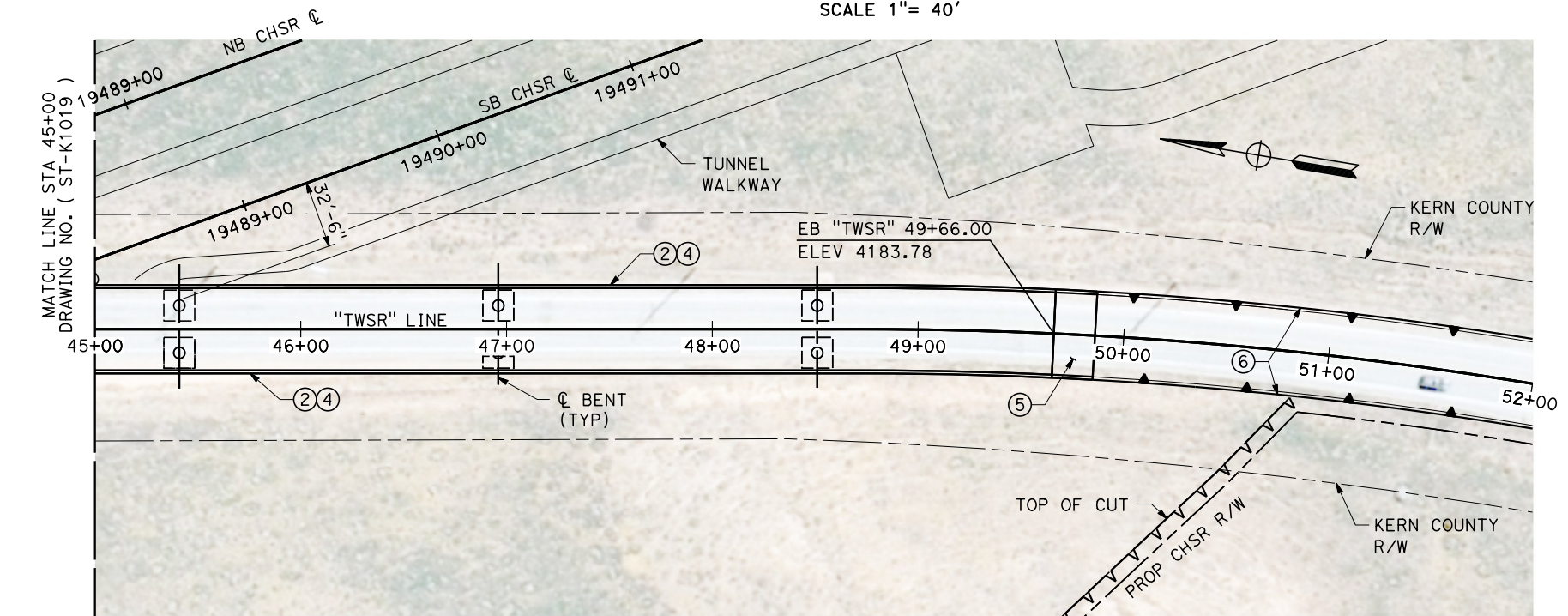


**PROFILE GRADE**  
NO SCALE

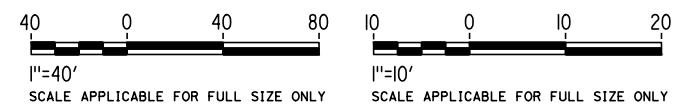
**ELEVATION**  
SCALE 1"= 40'



SECTION AT BENT 3 & 4  
**TYPICAL SECTION**  
SCALE 1"= 10'



**PLAN**  
SCALE 1"= 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

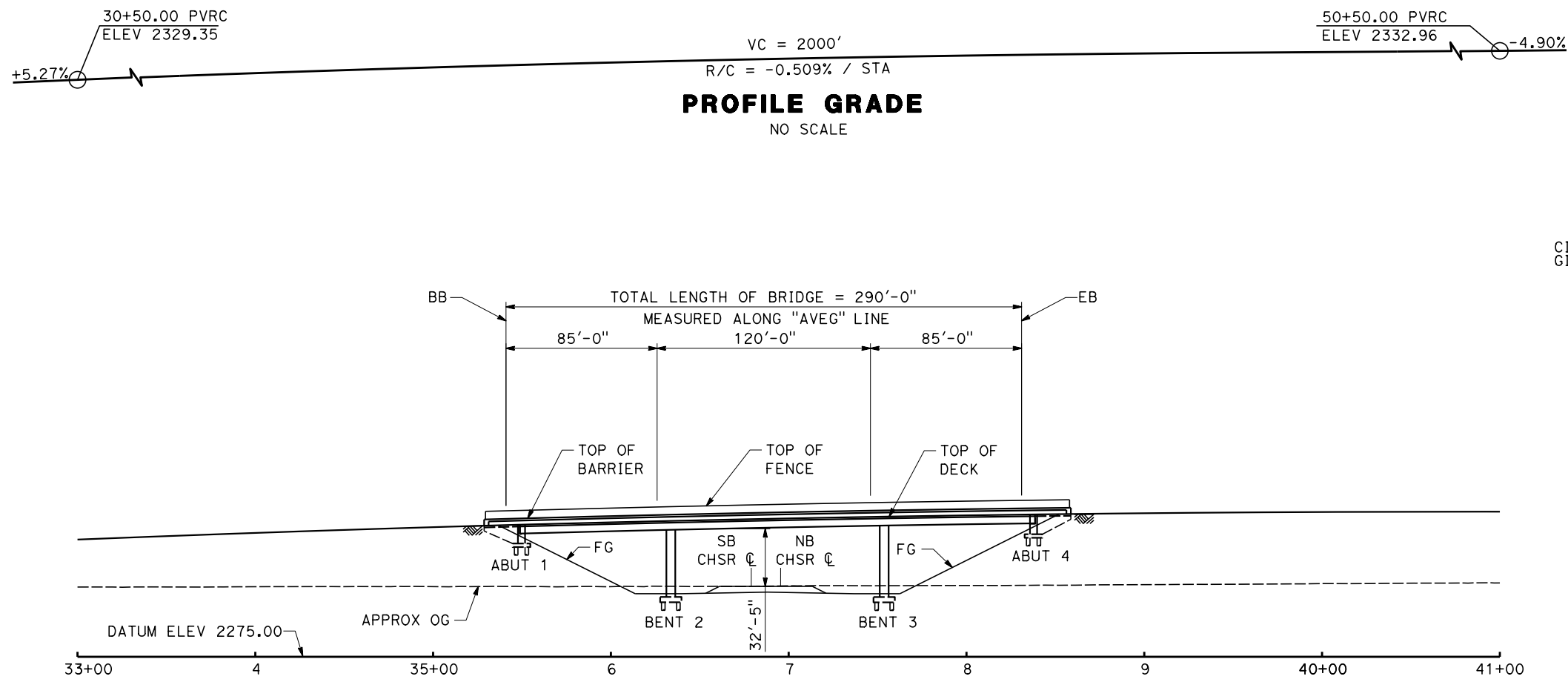
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DRAWING NO.  
**ST-K1020**  
SCALE  
**AS SHOWN**  
SHEET NO.

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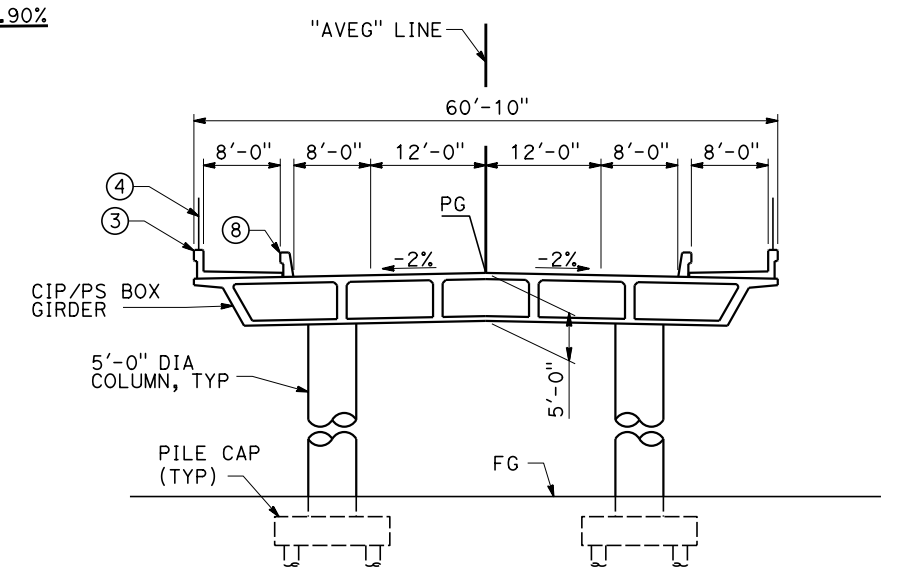
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10/30/2017

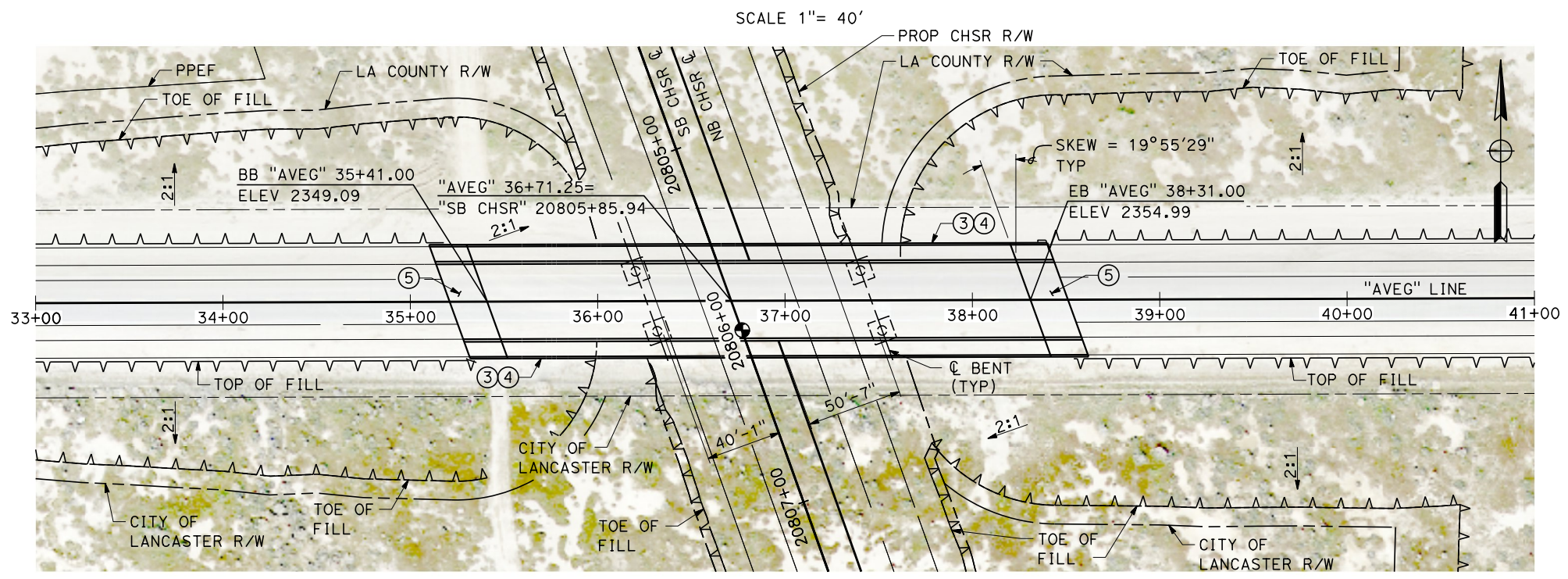
TYLIN\Wang



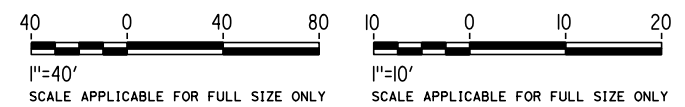
**ELEVATION**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
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.

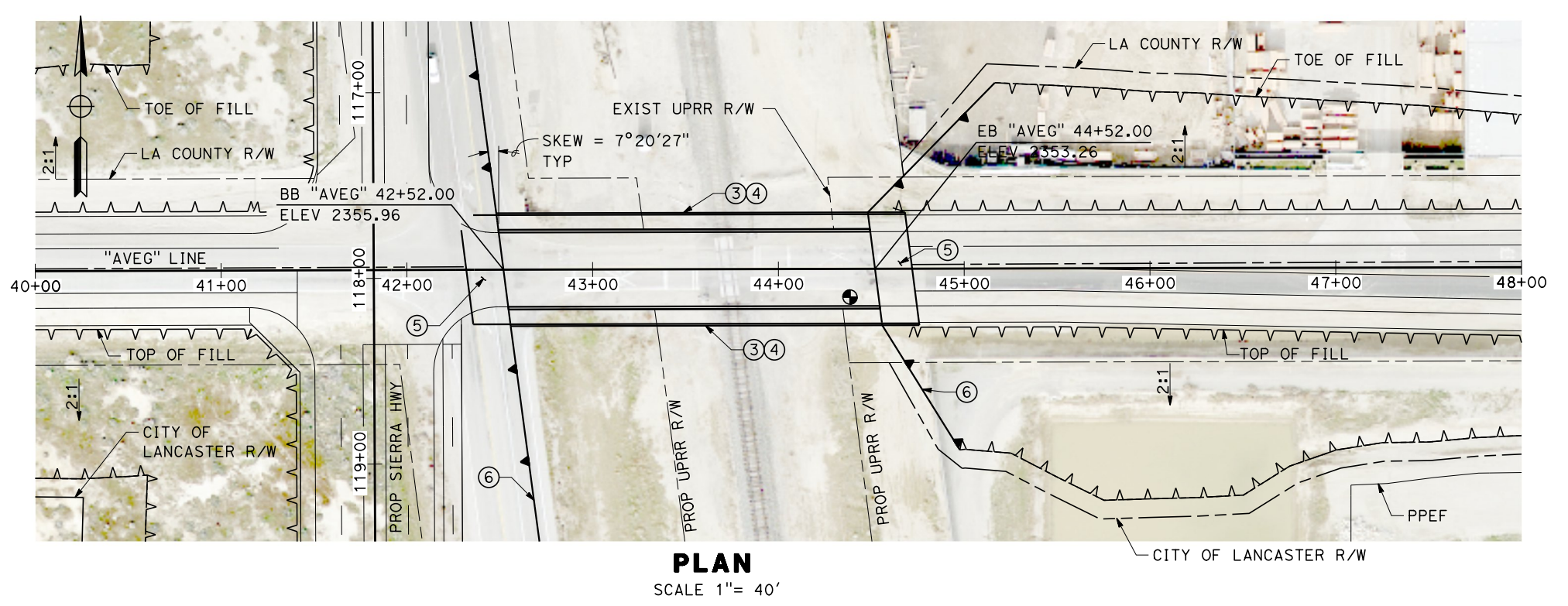
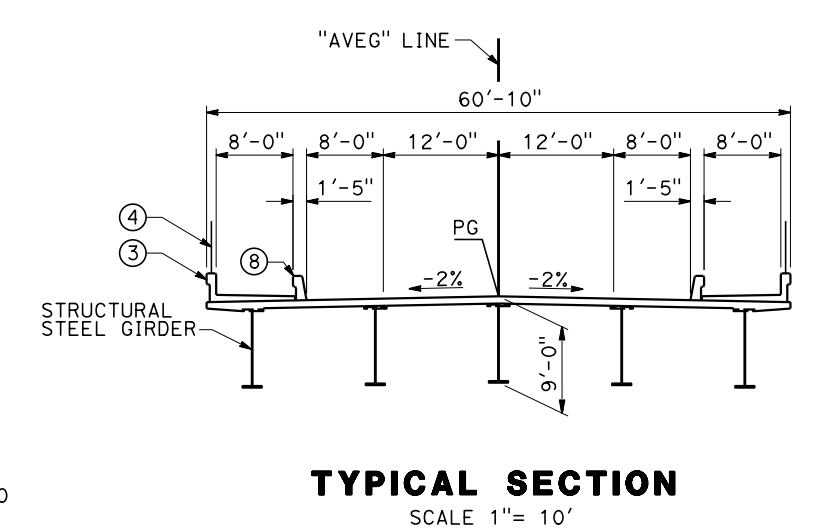
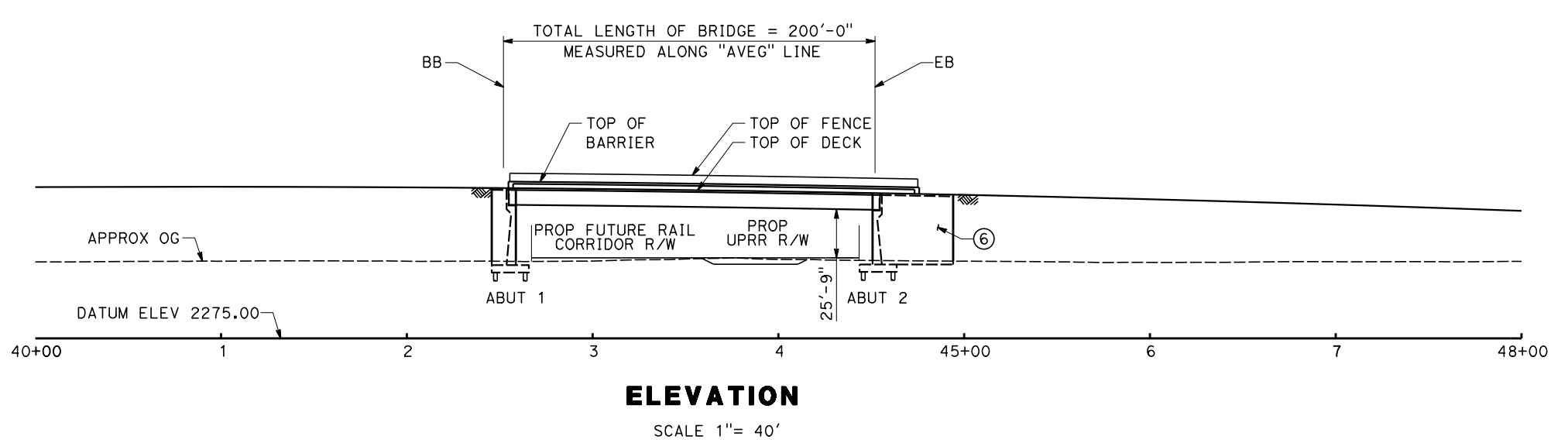
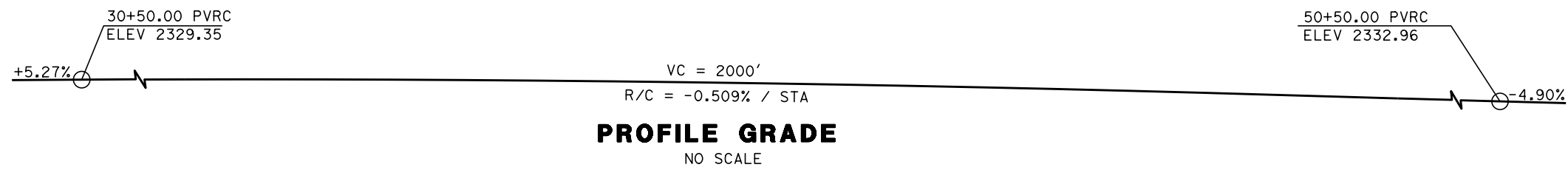


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11:15:10 AM

10/30/2017

TYLIN\Wang



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
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**

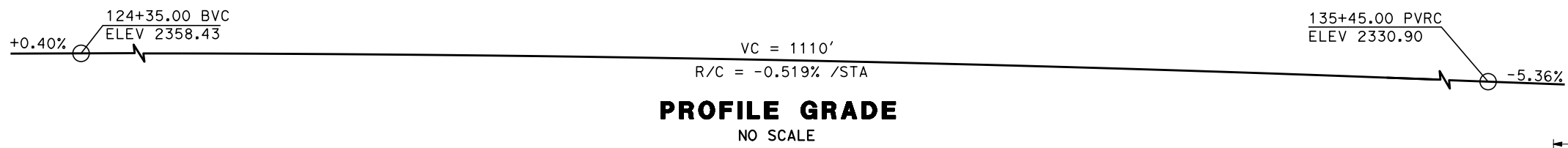
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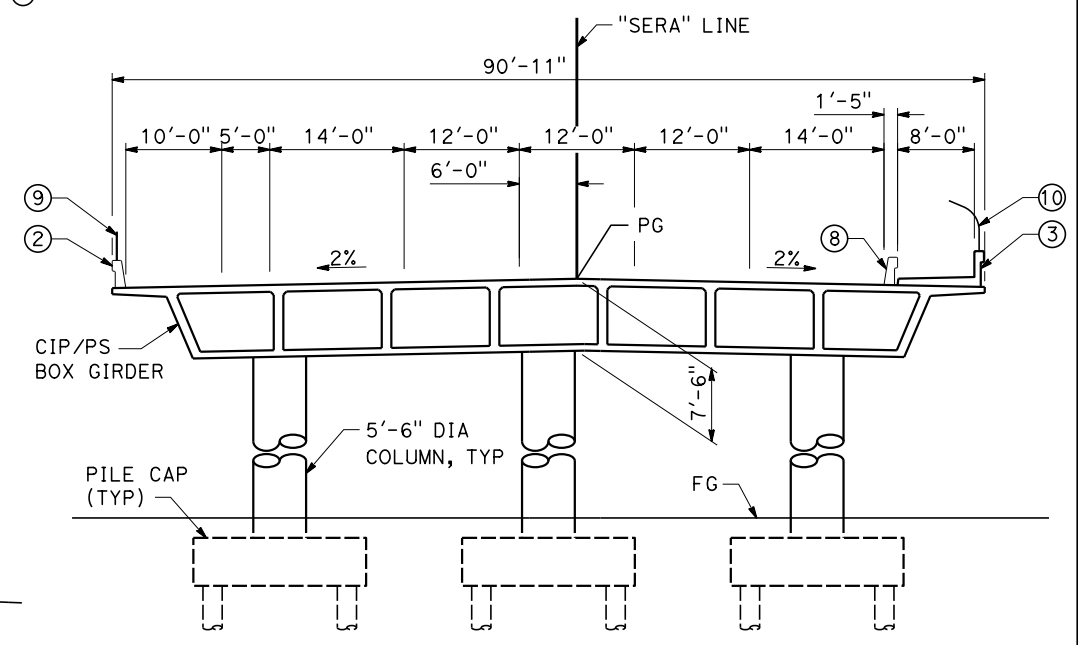
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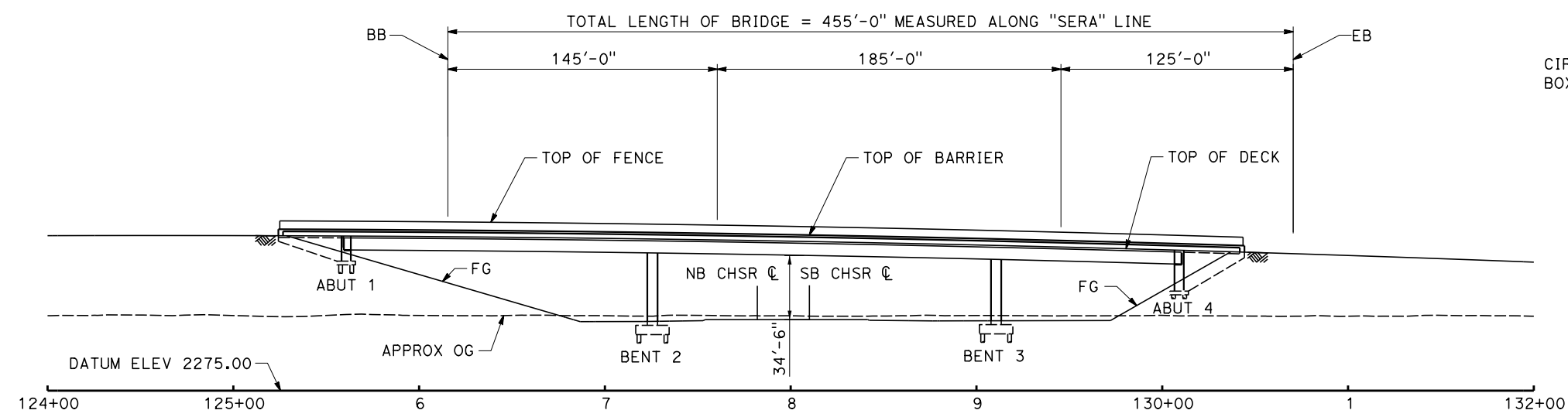
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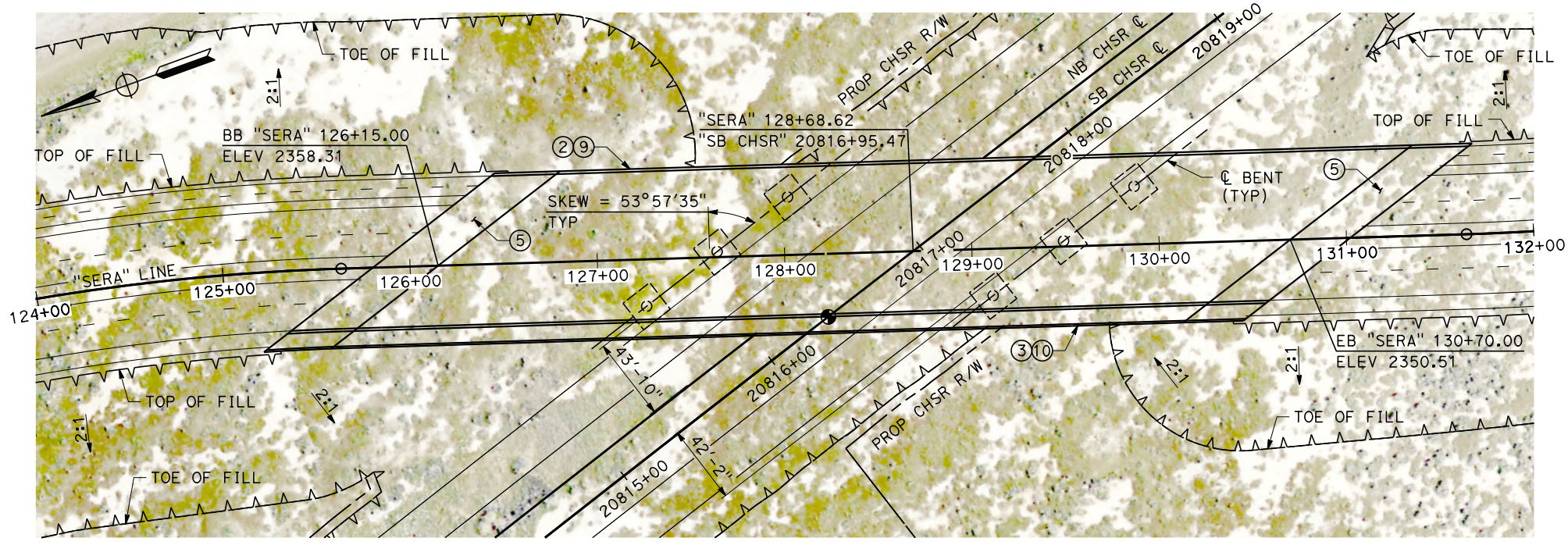
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NO SCALE



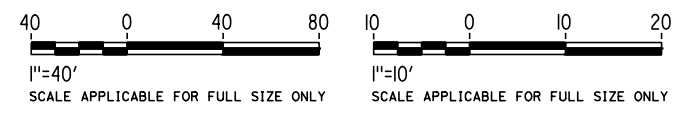
**TYPICAL SECTION**  
SCALE 1"= 10'



**ELEVATION**  
SCALE 1"= 40'



**PLAN**  
SCALE 1"= 40'

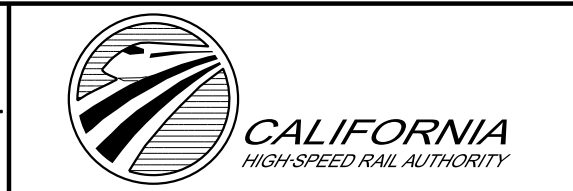


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

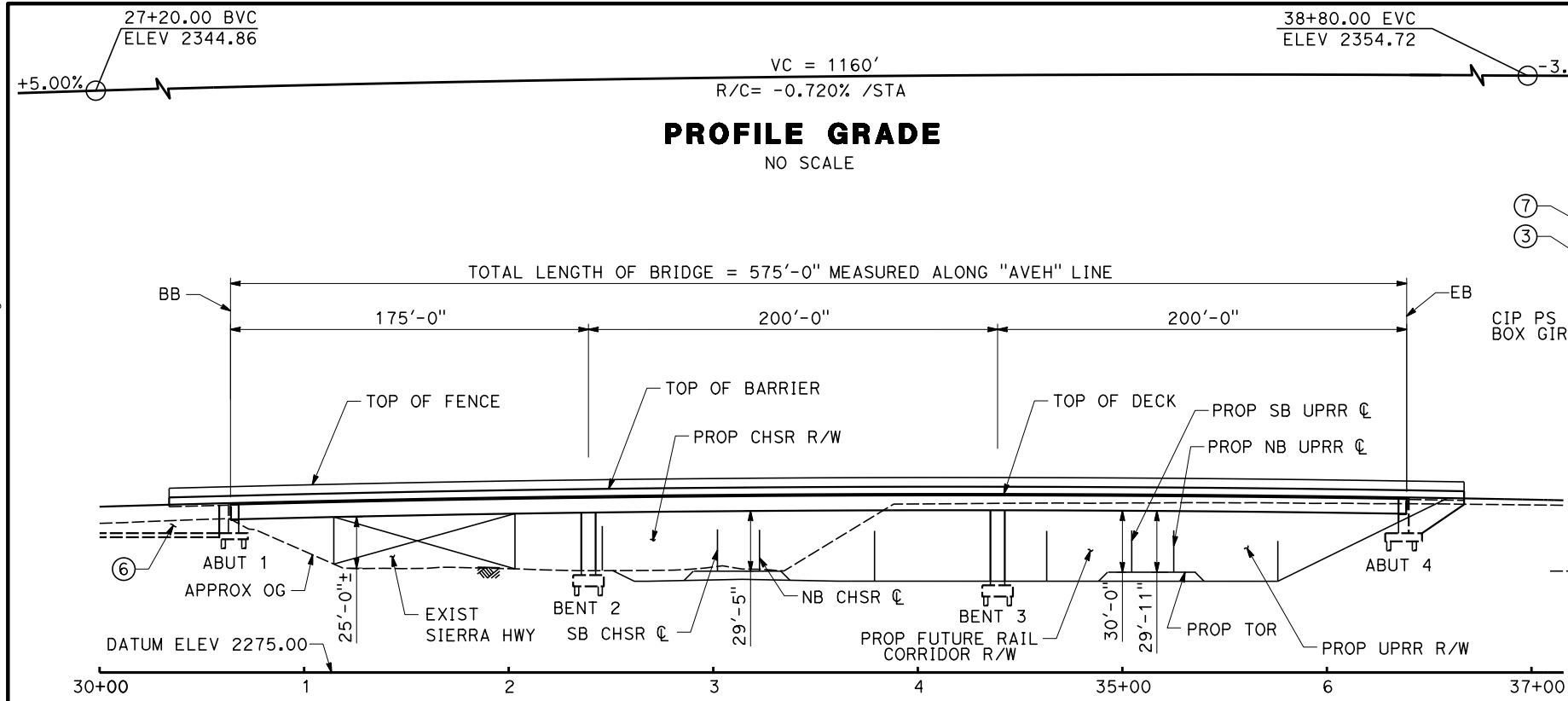


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,2,3  
ROADWAY STRUCTURES  
SIERRA HIGHWAY OVERHEAD  
PLAN AND ELEVATION

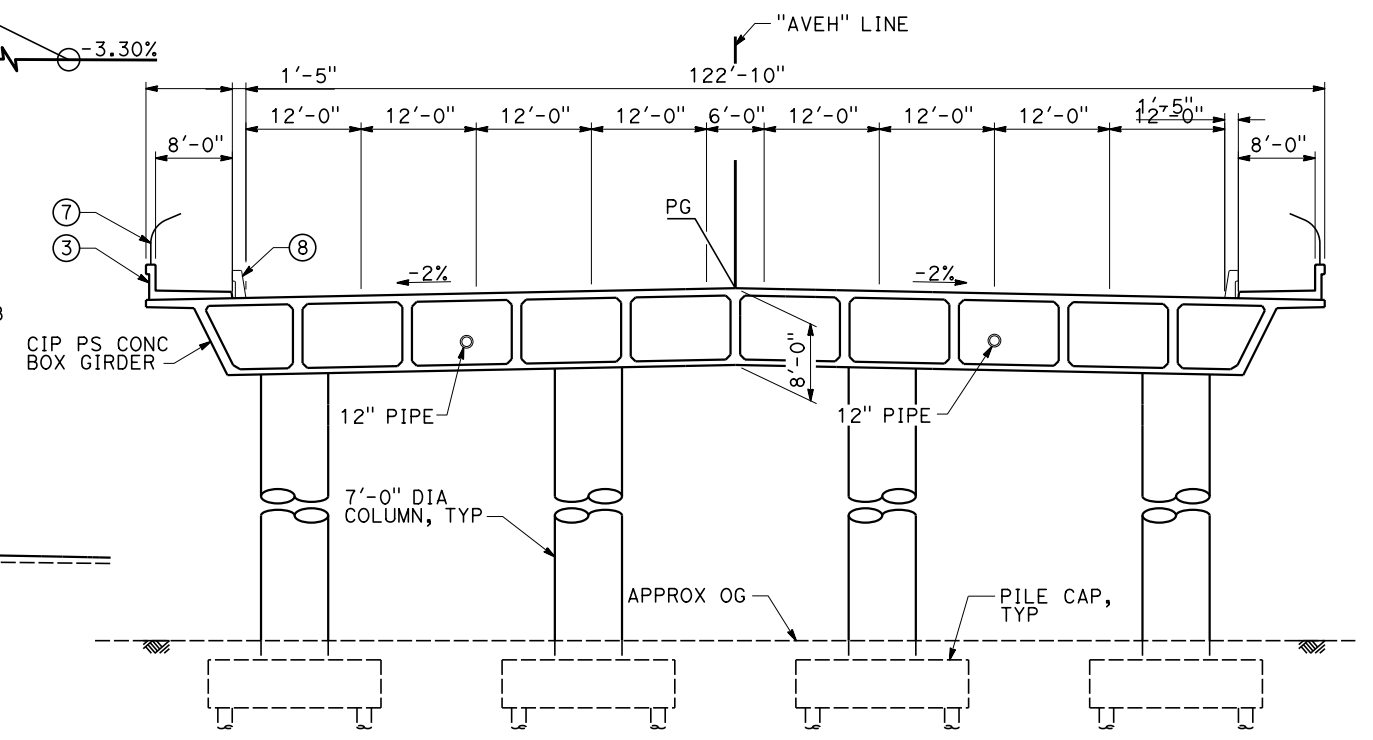
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DRAWING NO.  
ST-K1023  
SCALE  
AS SHOWN  
SHEET NO.



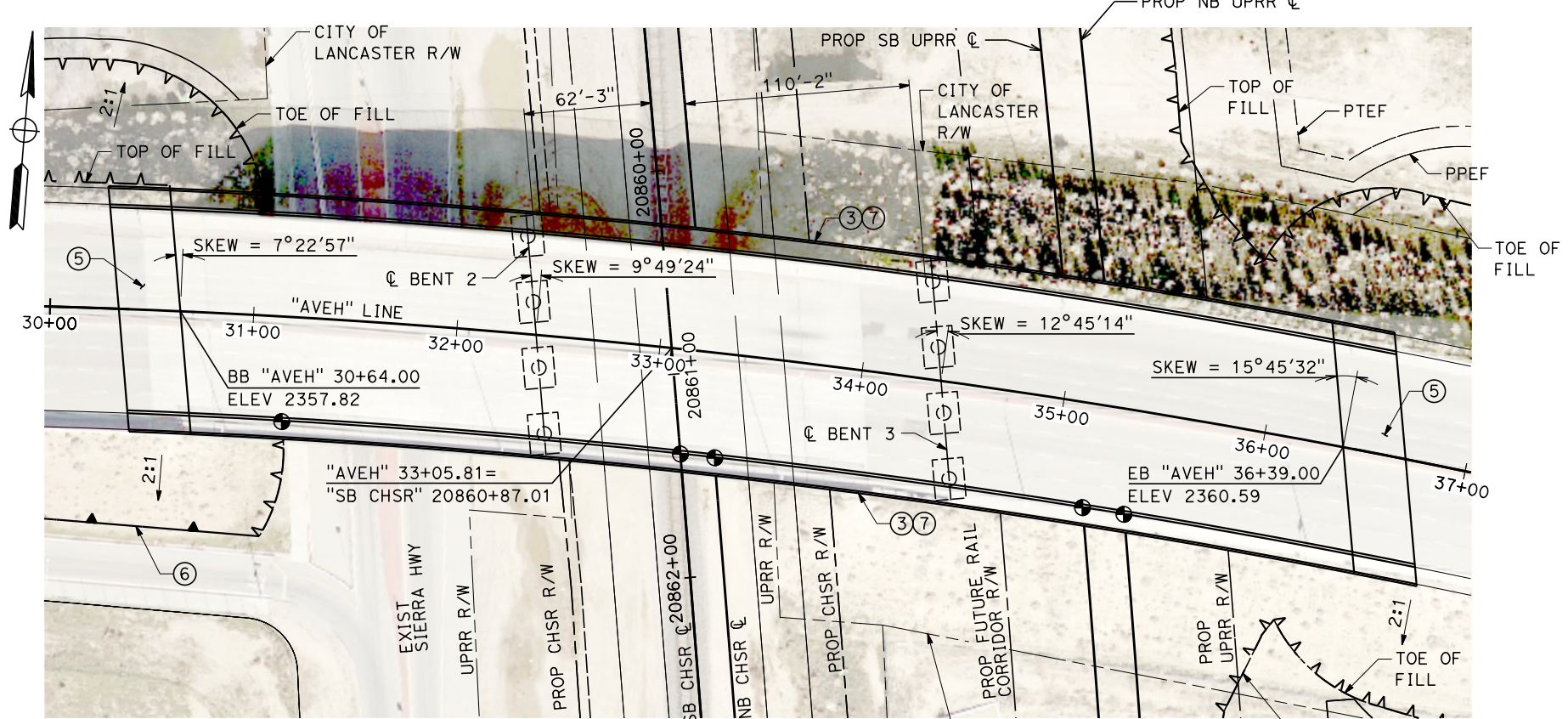
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10/30/2017 11:14:27 AM TYLWang



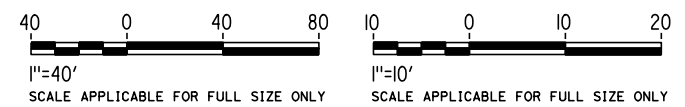
**ELEVATION**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**

DRAWN BY  
**DYLAN WILEY**

CHECKED BY  
**ROB BARTON**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
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**

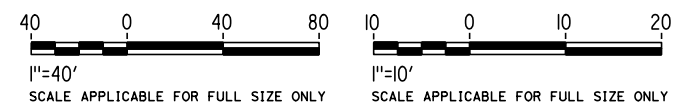
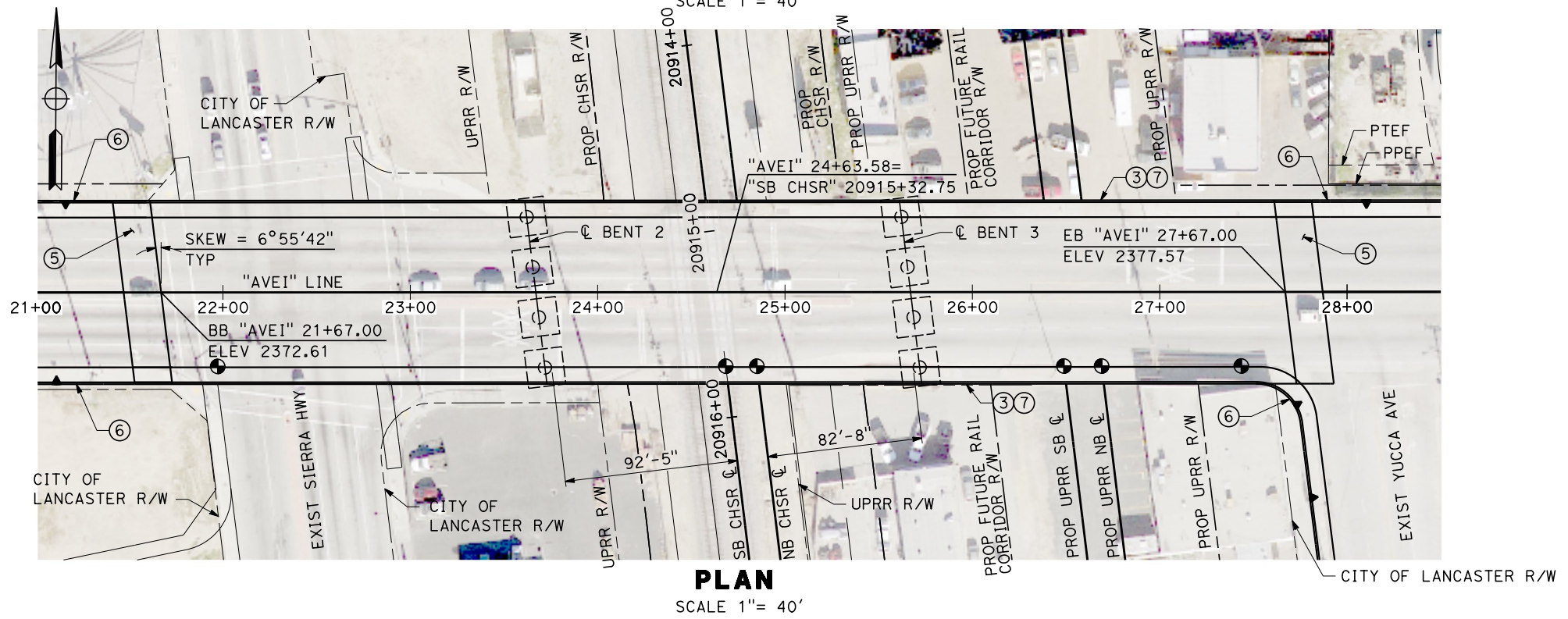
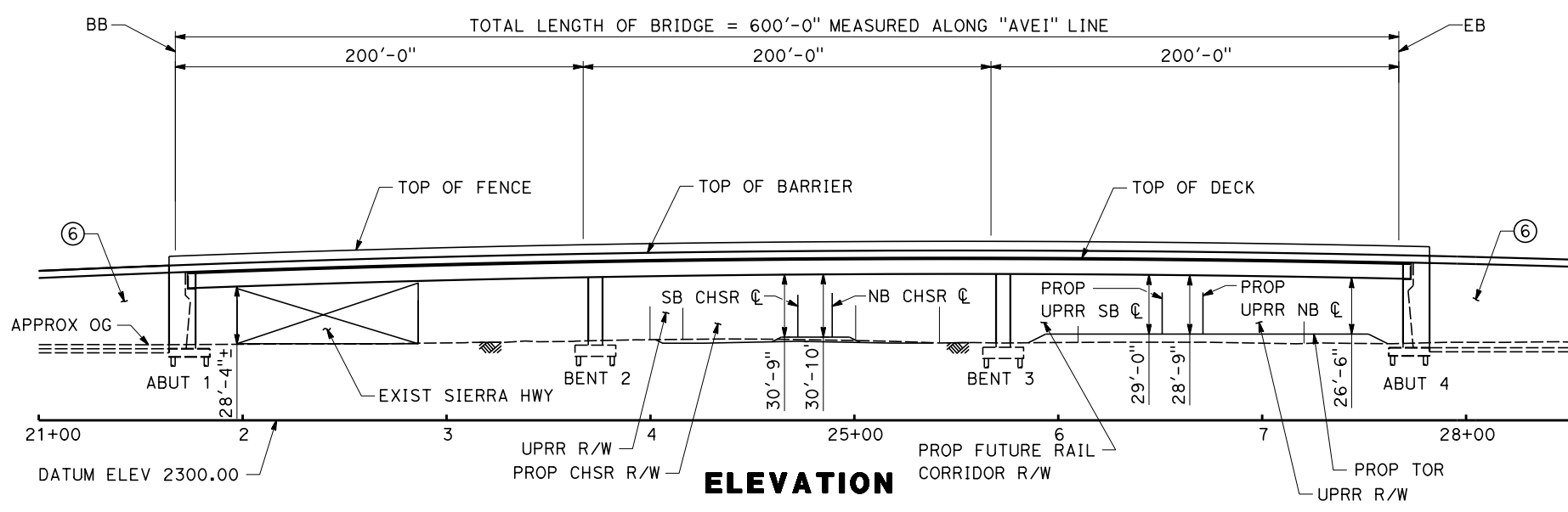
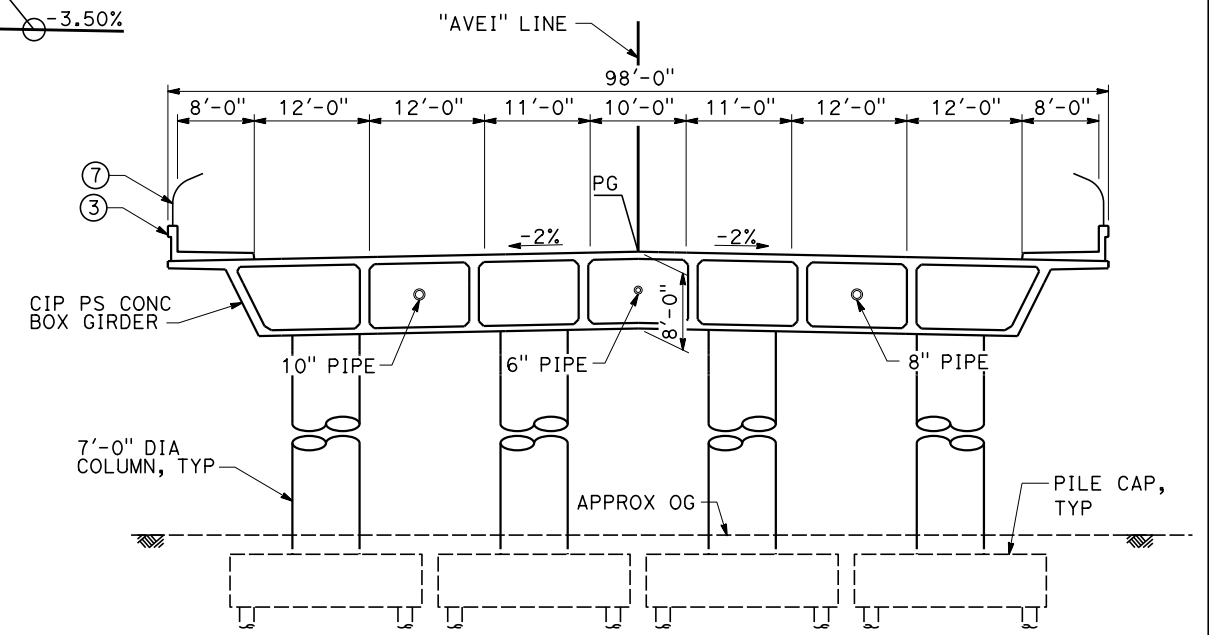
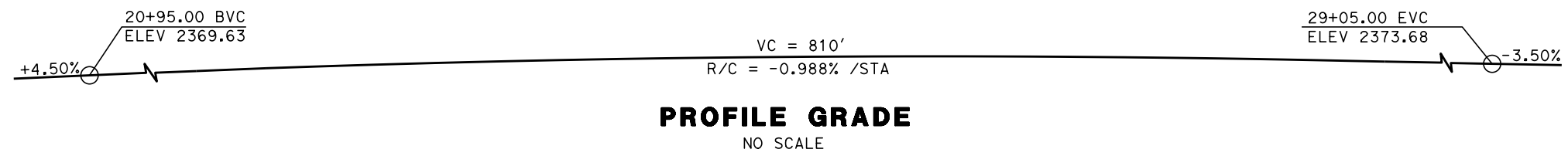
SHEET NO.

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11:15:30 AM

10/30/2017

TYLIN\Wang



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROB BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

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

CONTRACT NO.  
**HSR13-44**

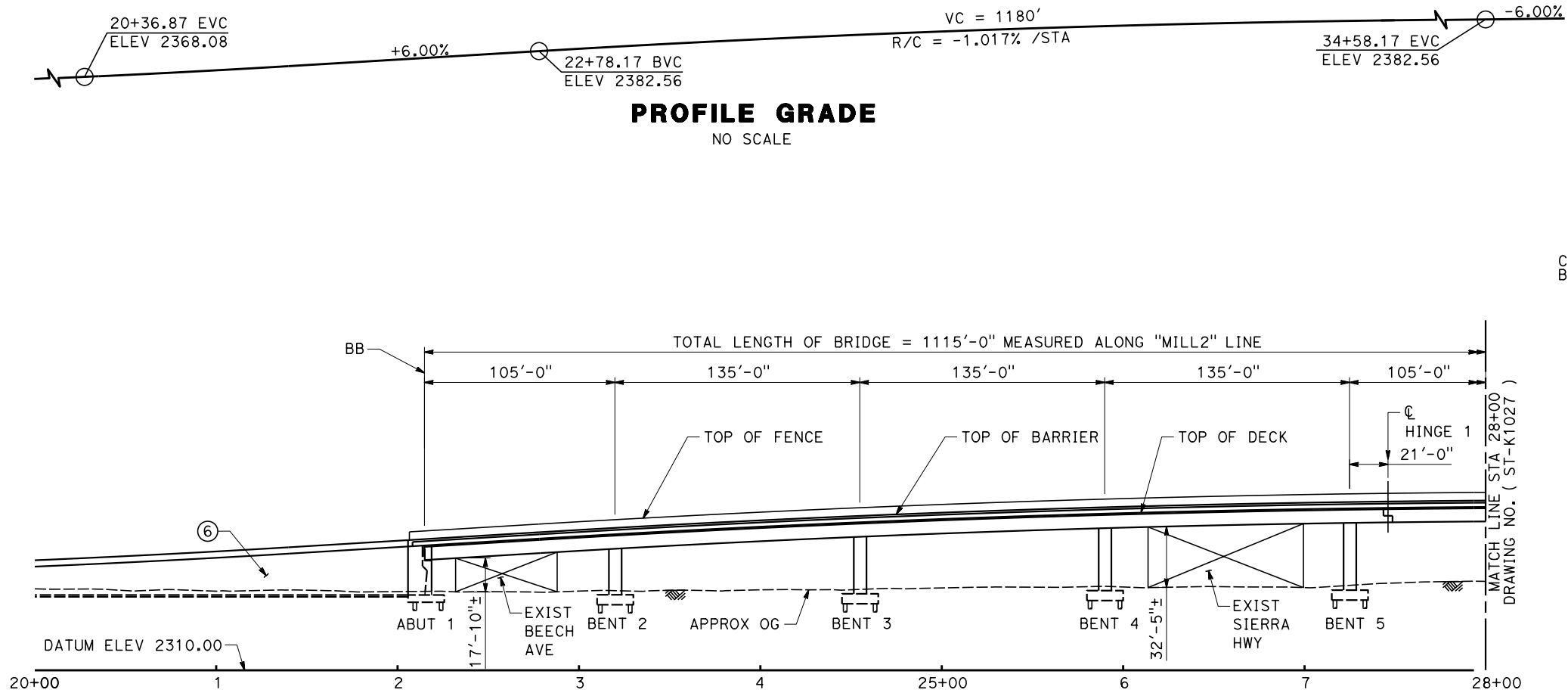
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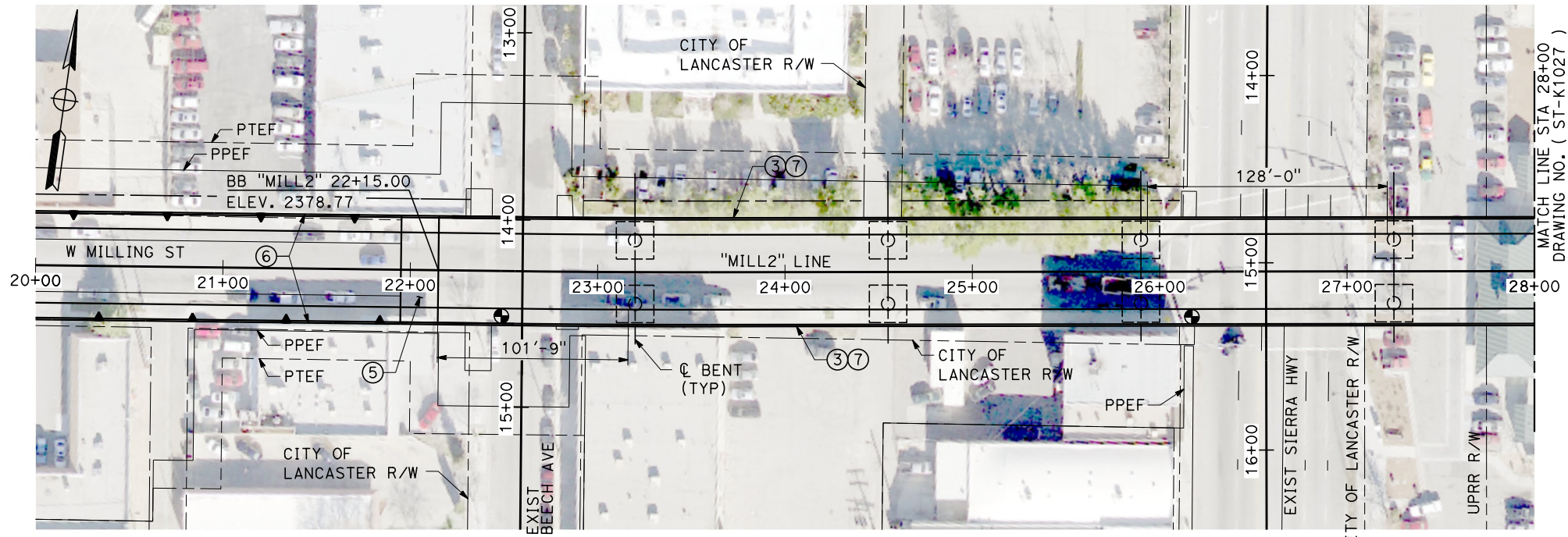
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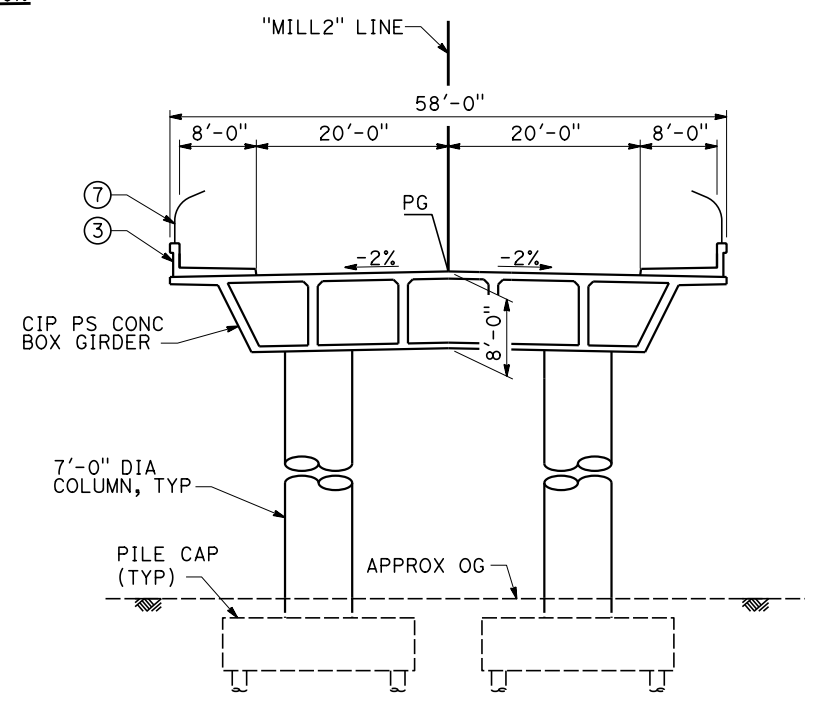
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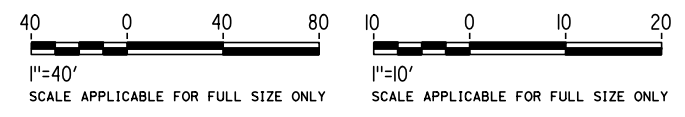
**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



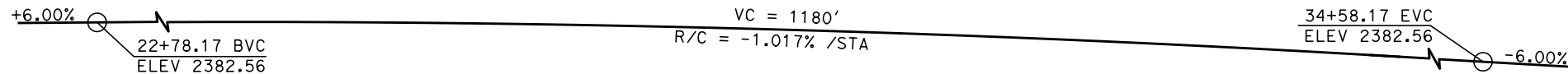
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,2,3  
ROADWAY STRUCTURES  
MILLING STREET OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**ST-K1026**  
SCALE  
**AS SHOWN**  
SHEET NO.

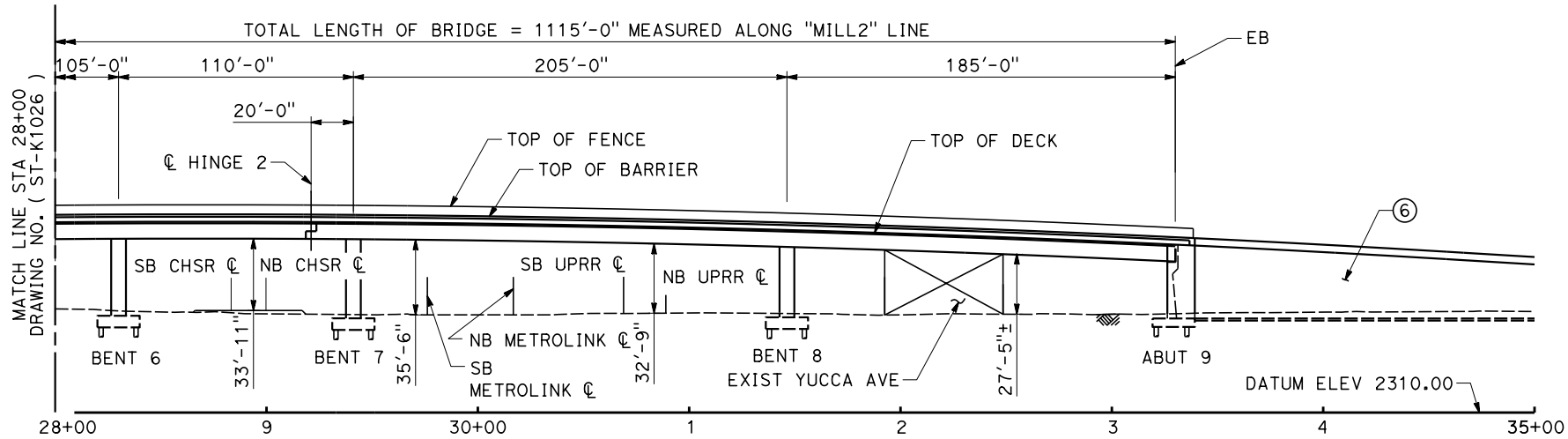
Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-K1027.dgn

10/30/2017 11:14:37 AM

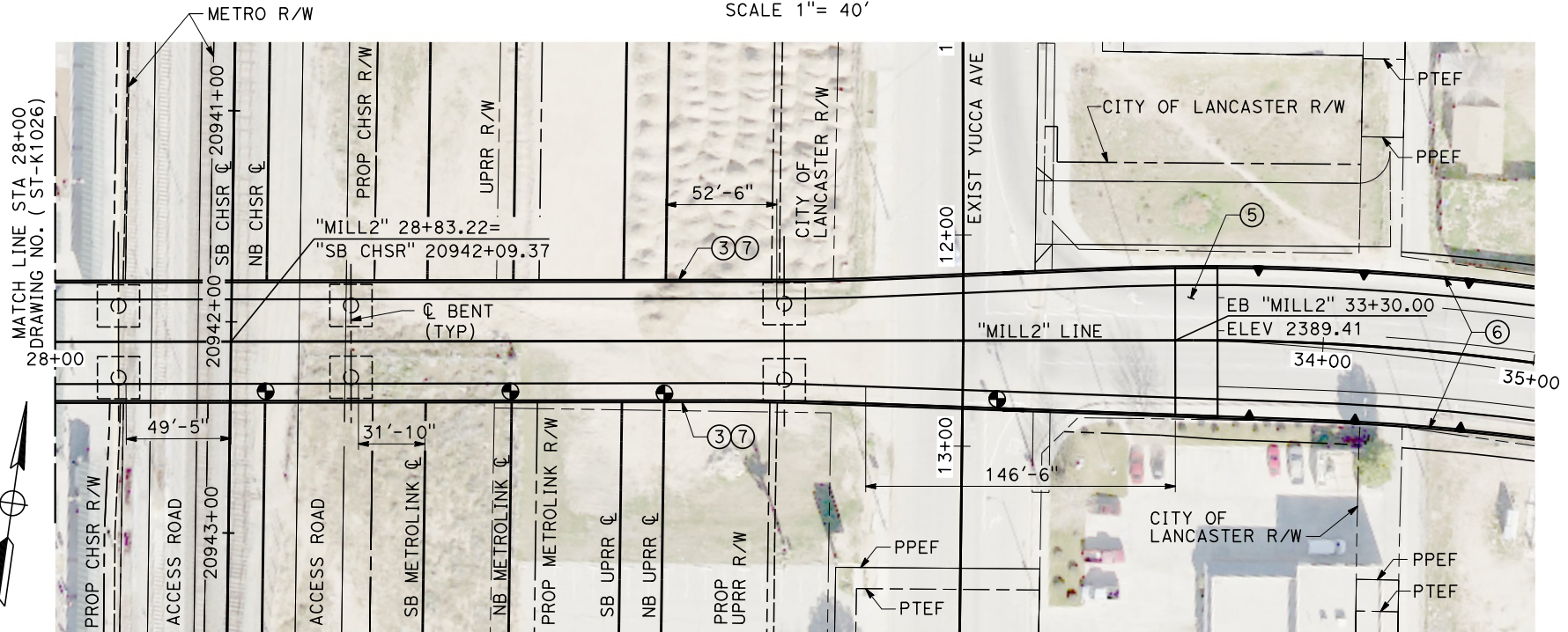
TYLWang



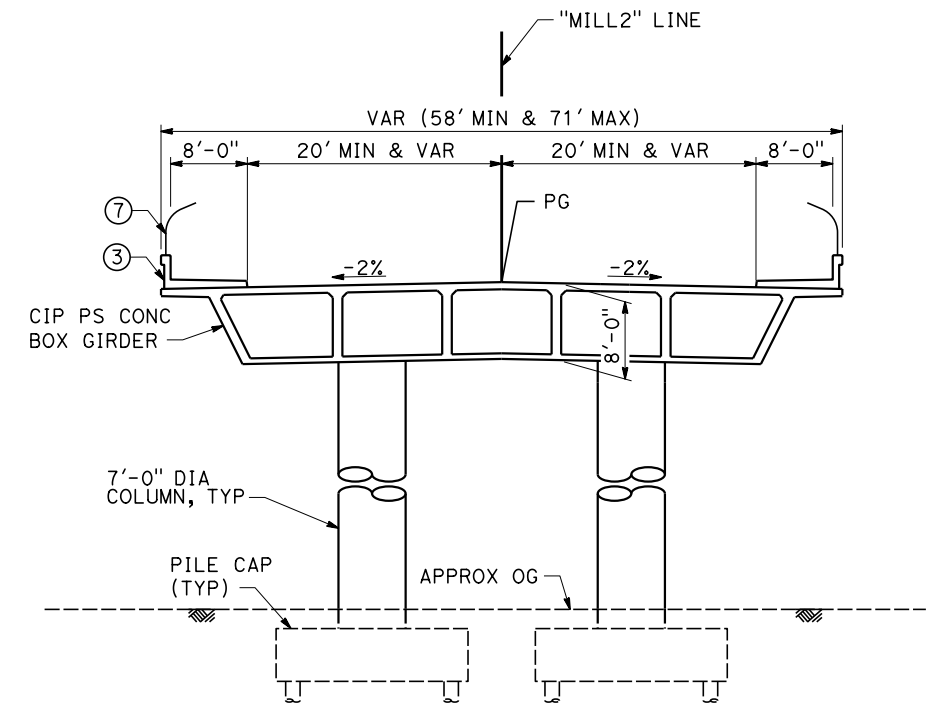
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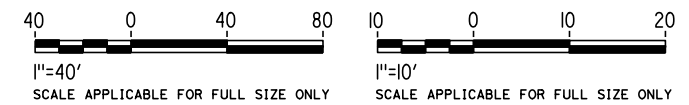
**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

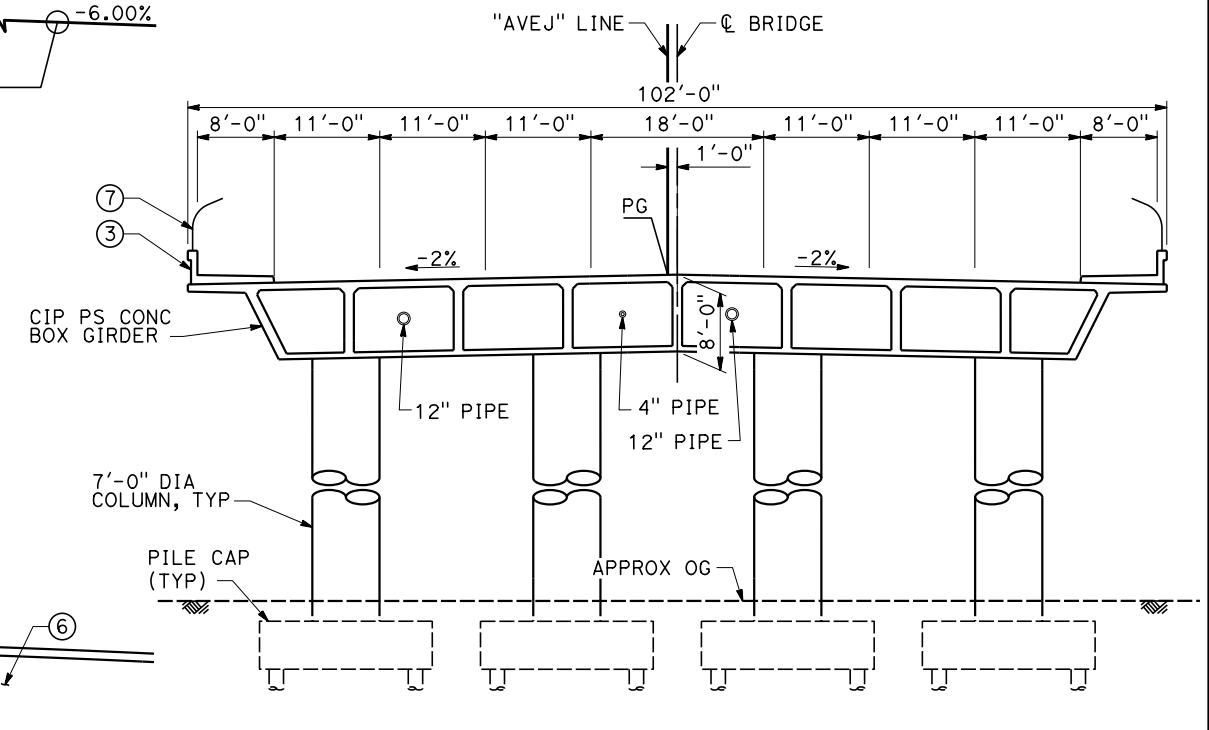
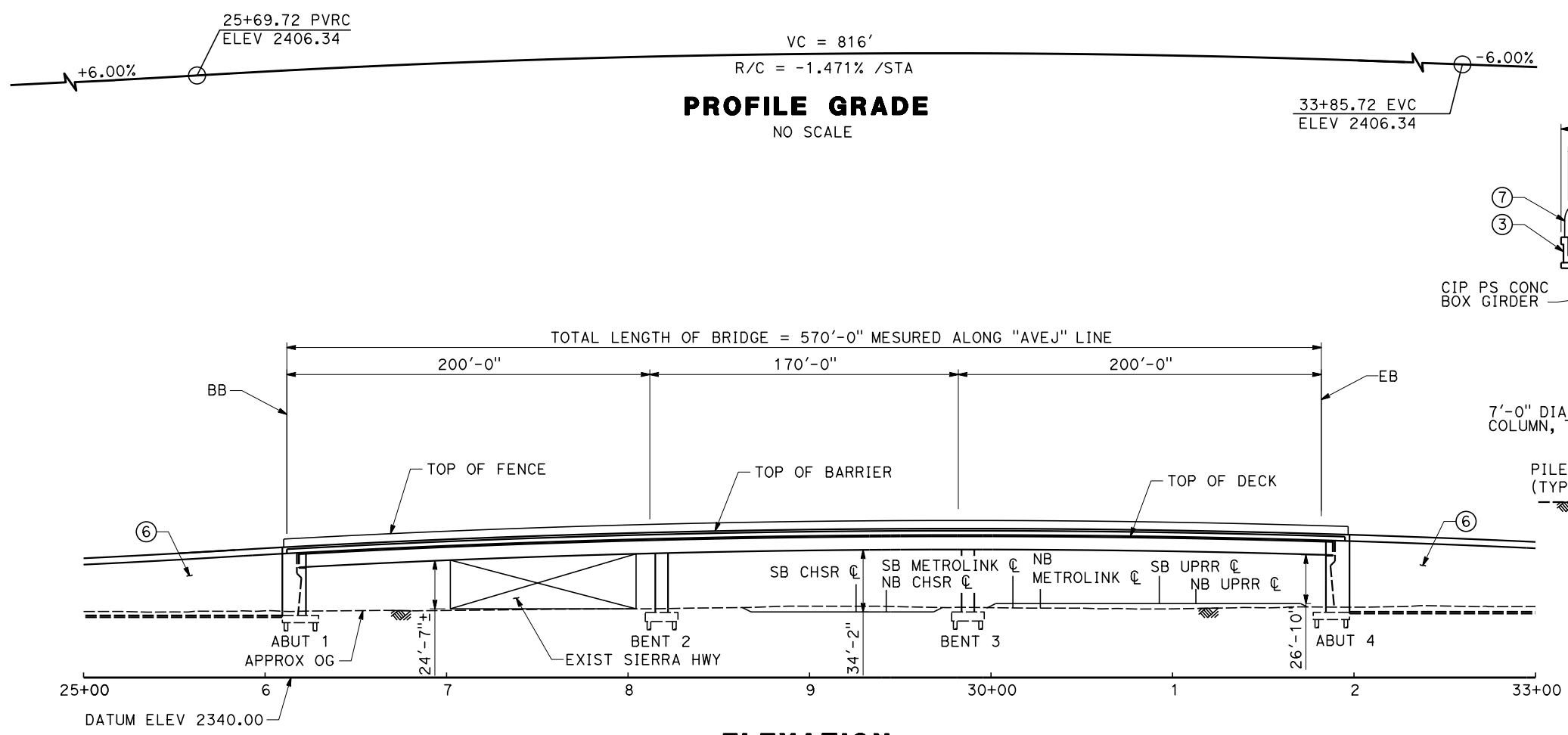


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,2,3  
ROADWAY STRUCTURES  
MILLING STREET OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**ST-K1027**  
SCALE  
**AS SHOWN**  
SHEET NO.

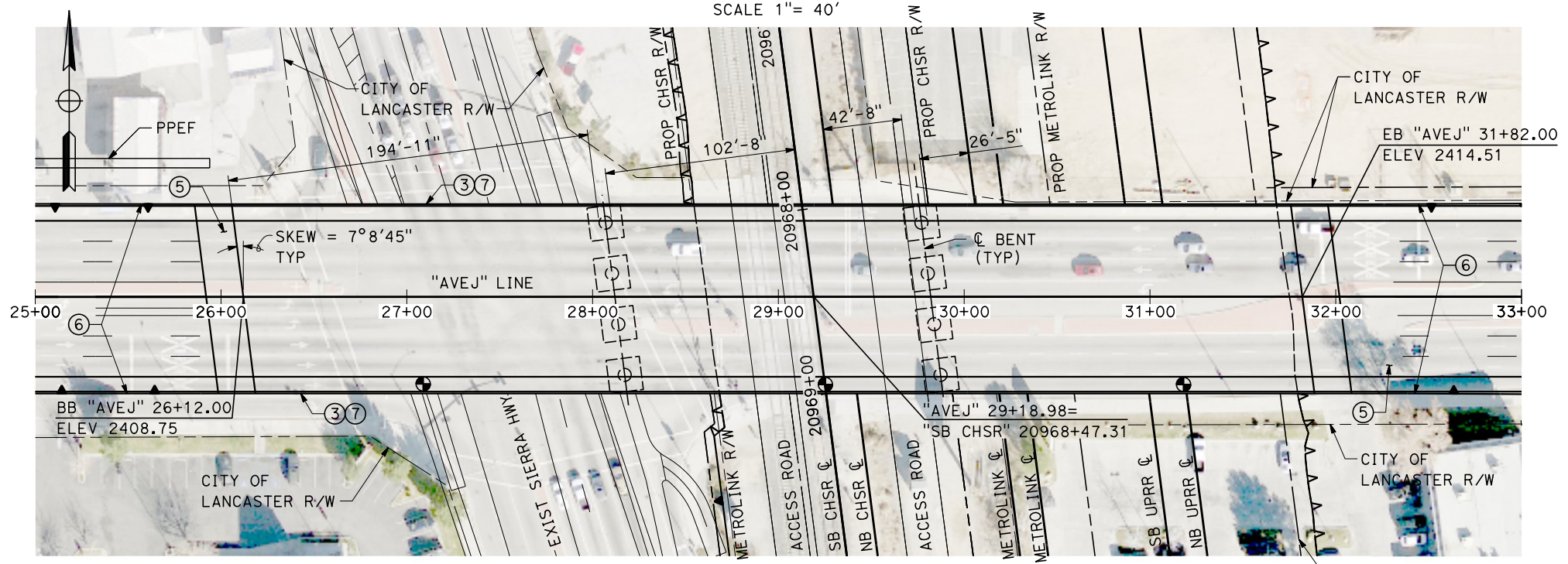


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10/30/2017  
TYLIN\Wang

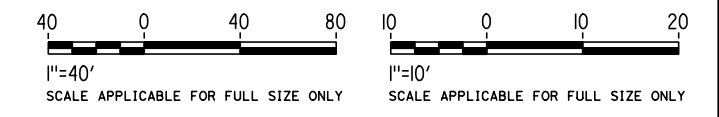


**TYPICAL SECTION**  
SCALE 1" = 10'

**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**

DRAWN BY  
**DYLAN WILEY**

CHECKED BY  
**ROBERT BARTON**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

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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

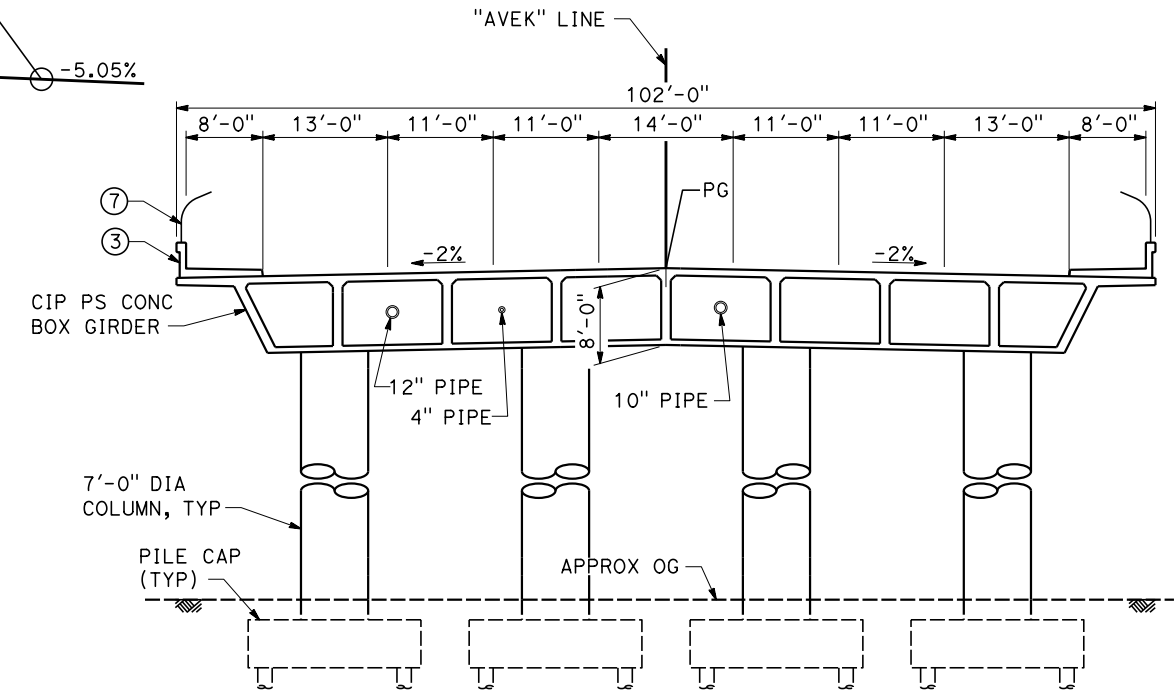
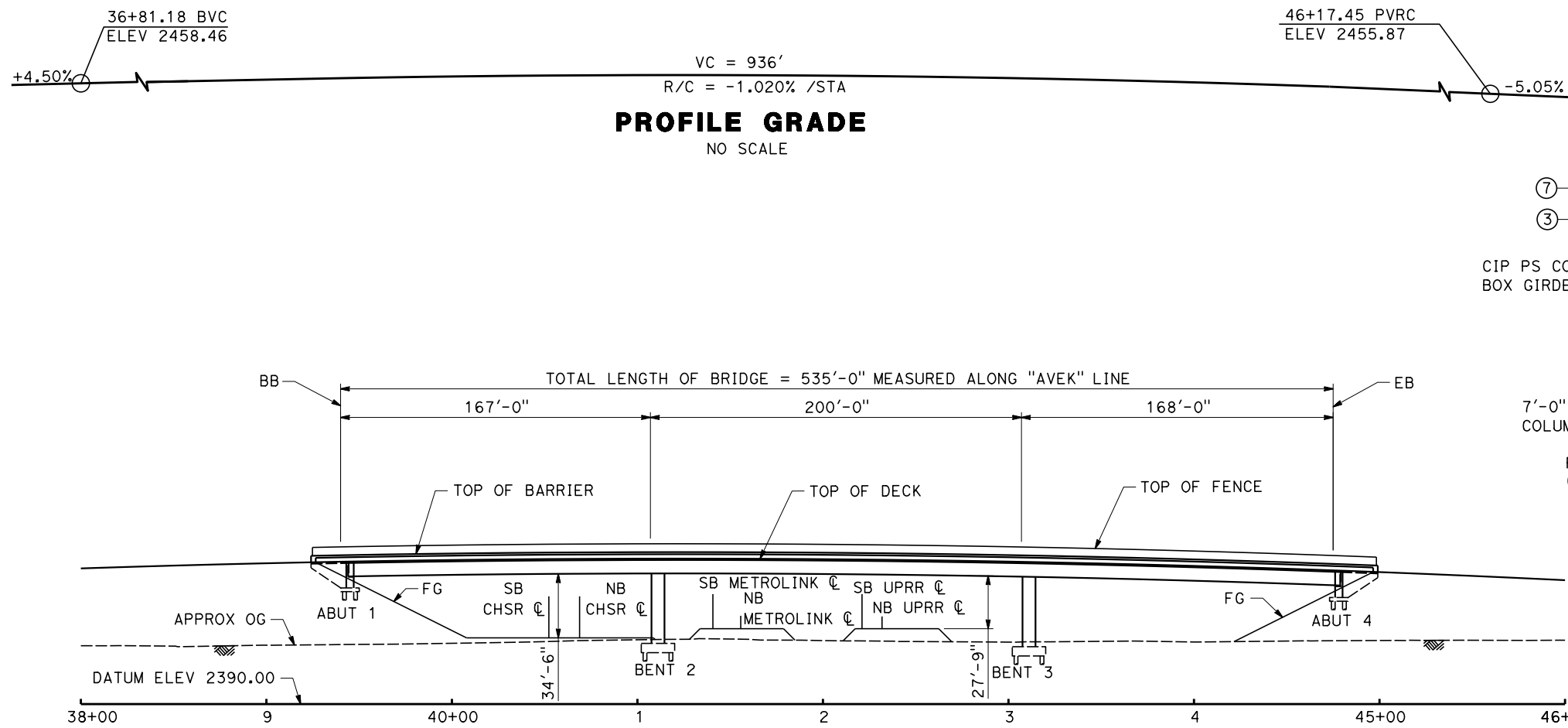
SCALE  
AS SHOWN

SHEET NO.

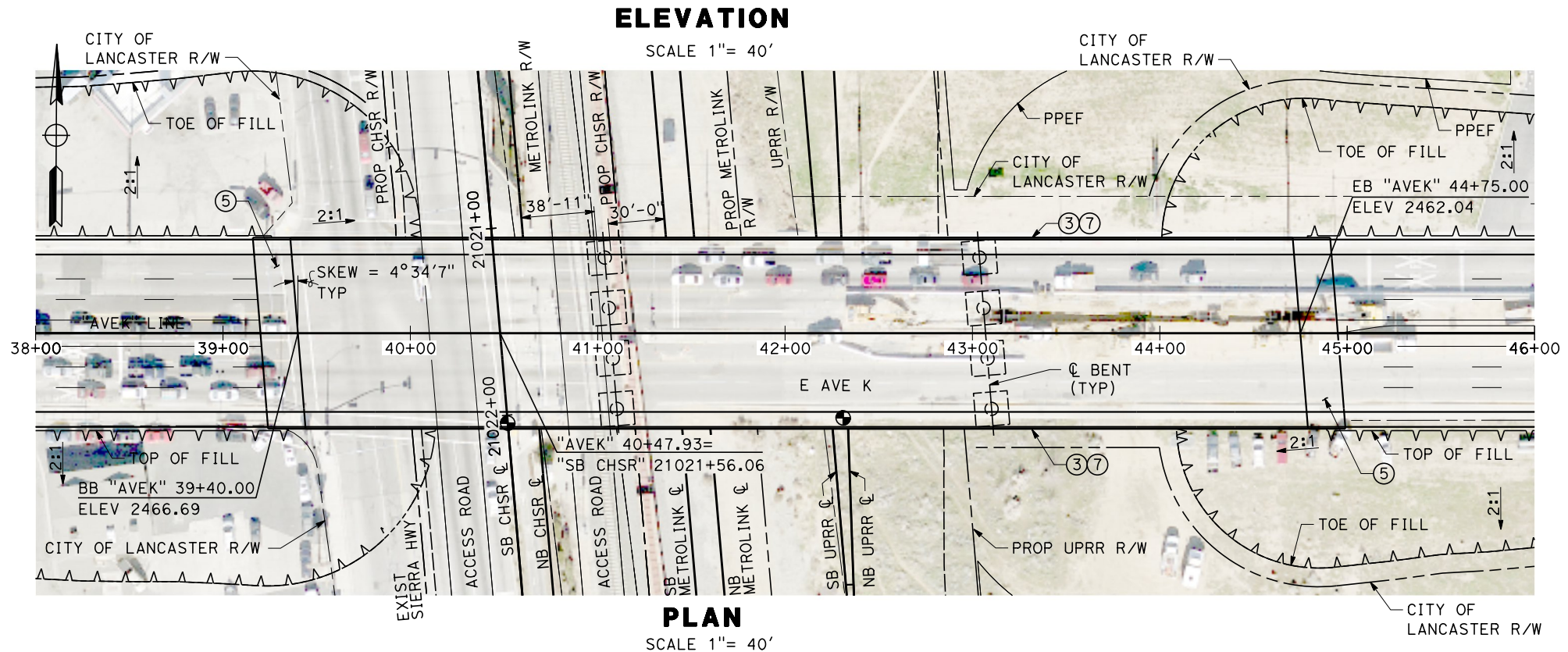
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10/30/2017

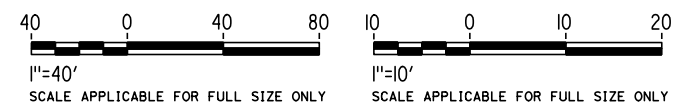
TYLIN\Wang



**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
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**

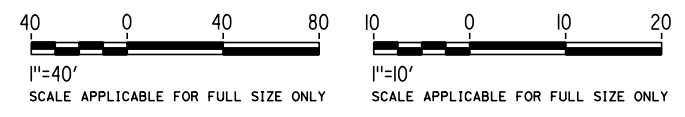
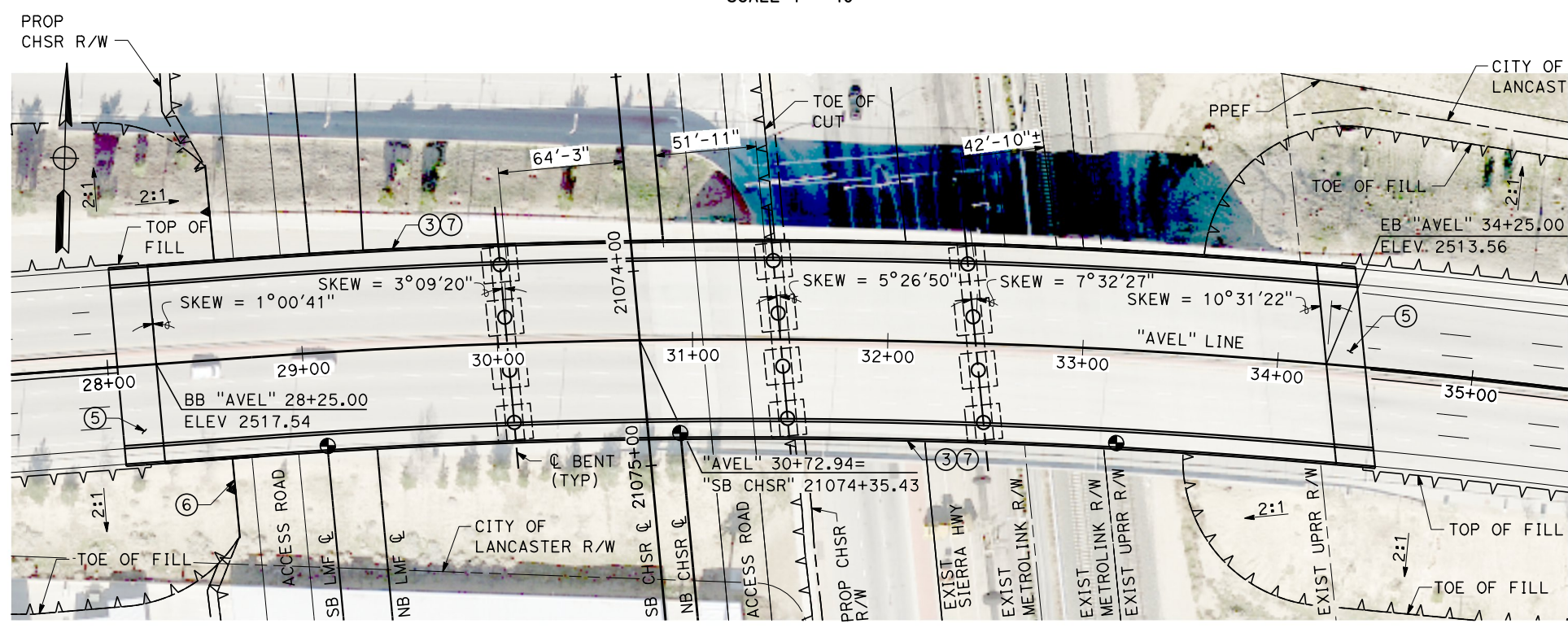
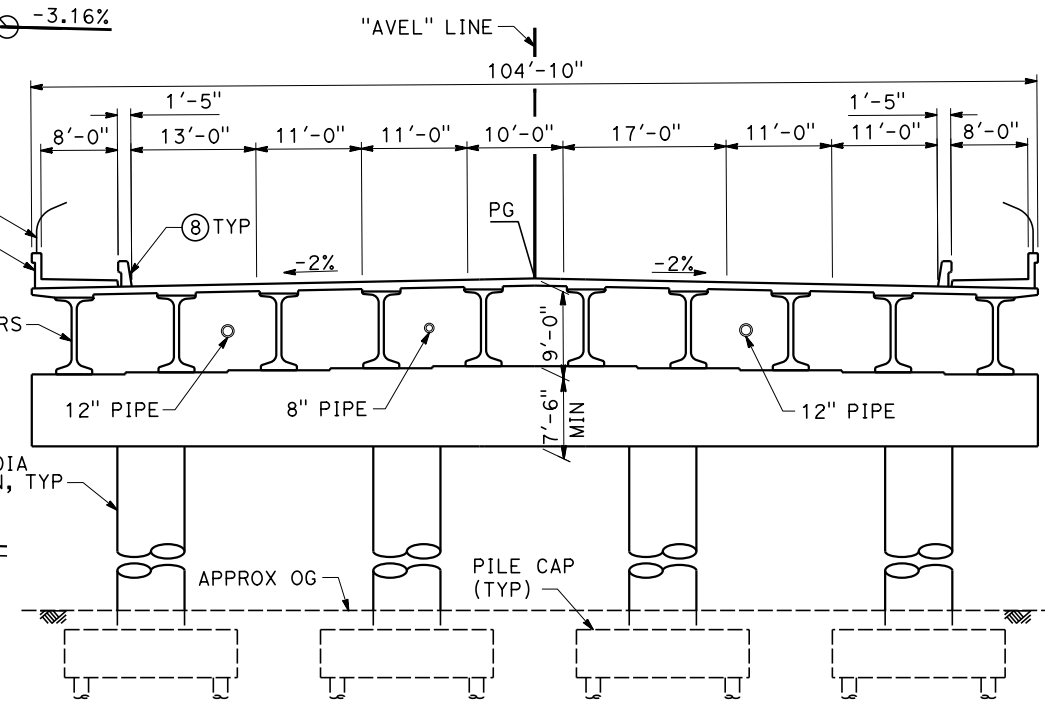
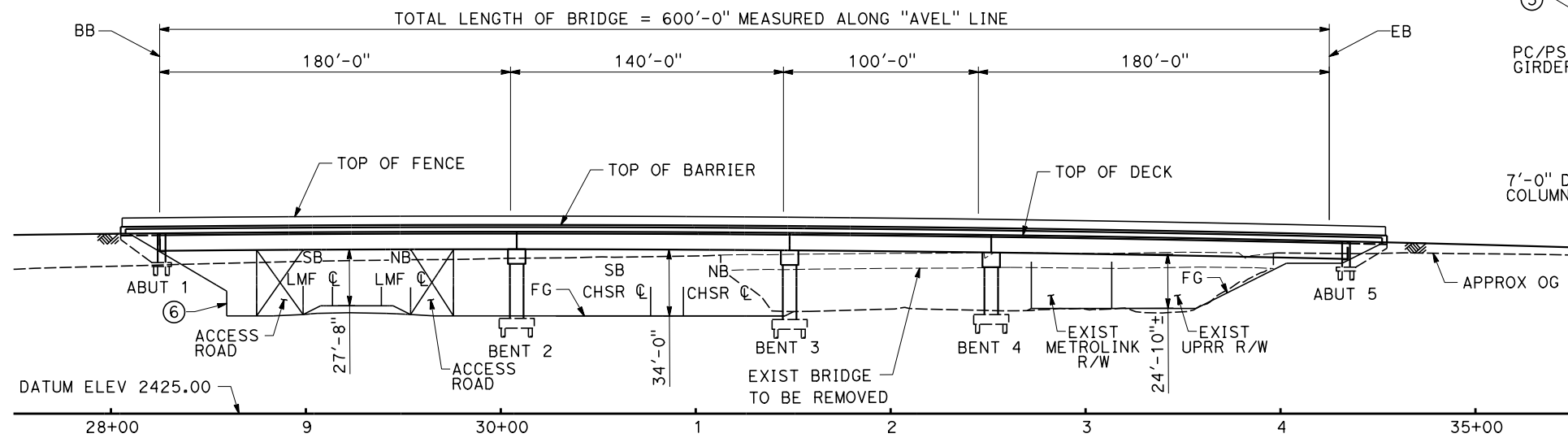
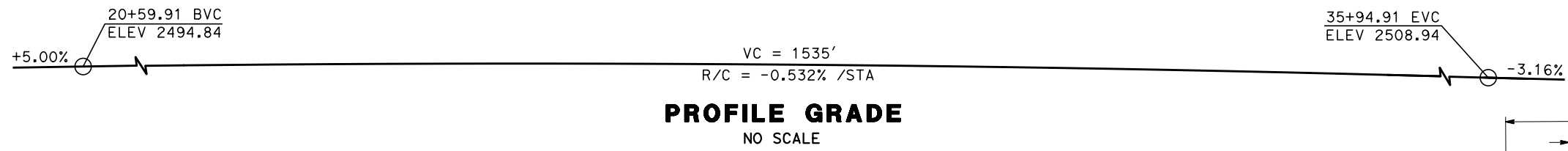
DRAWING NO.  
**ST-K1029**

SCALE  
**AS SHOWN**

SHEET NO.



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10/30/2017 11:14:30 AM  
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

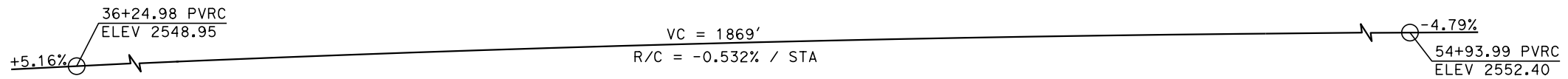
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ROADWAY STRUCTURES  
AVENUE L OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**

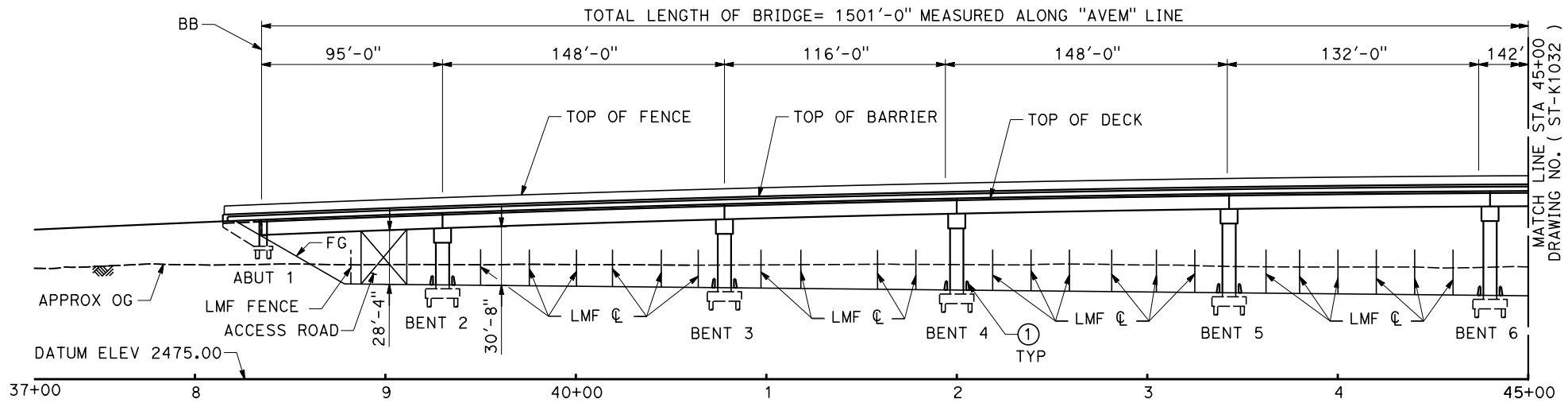
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**ST-K1030**

SCALE  
**AS SHOWN**

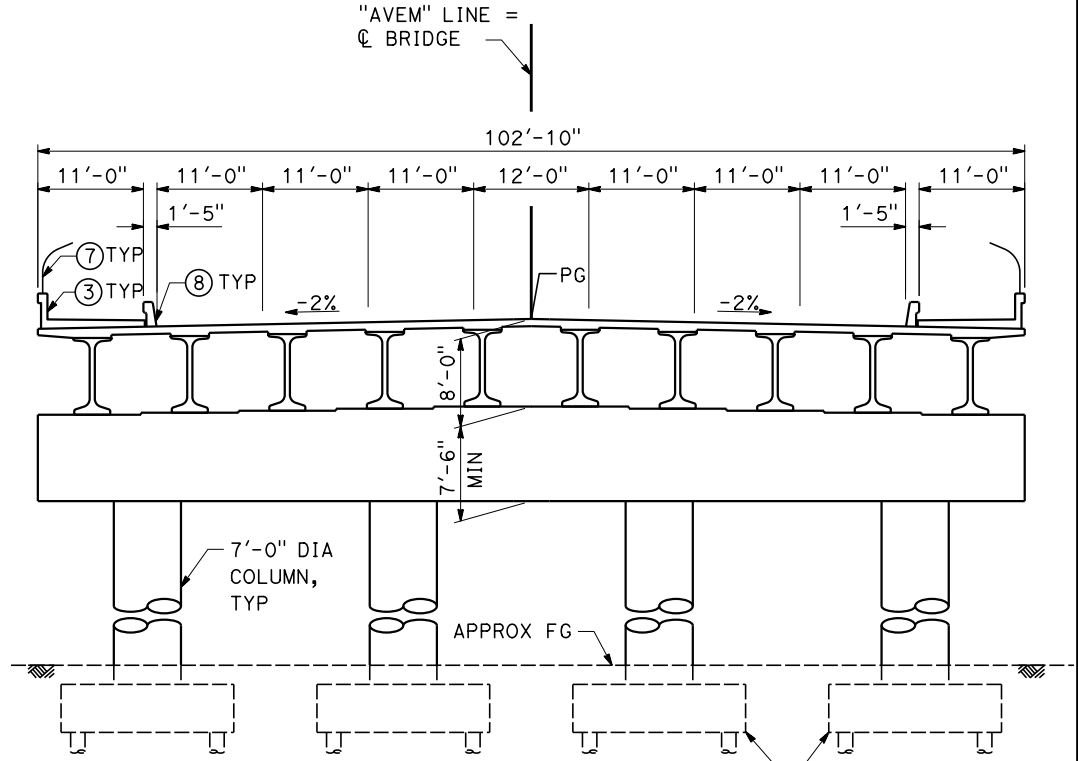
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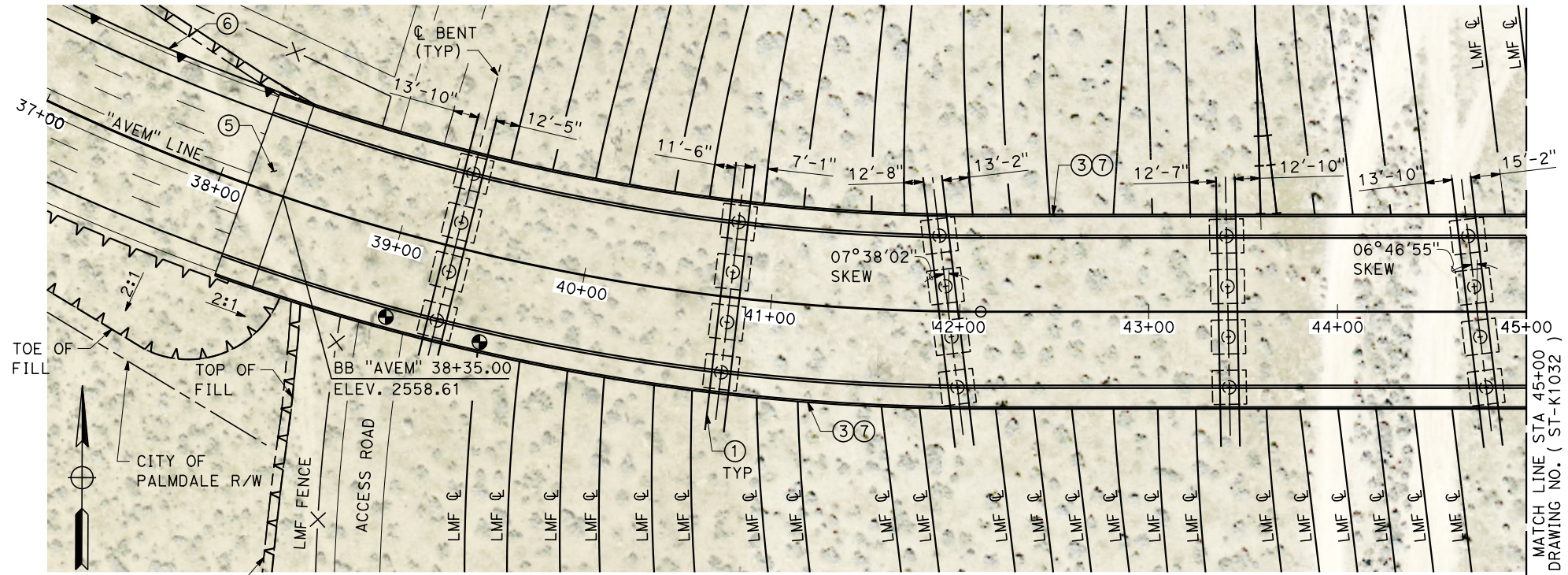
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NO SCALE



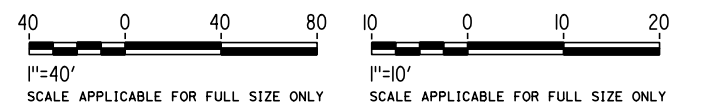
**ELEVATION**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\ST\BP-ST-K1031.dgn  
10/30/2017 11:14:00 AM  
TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

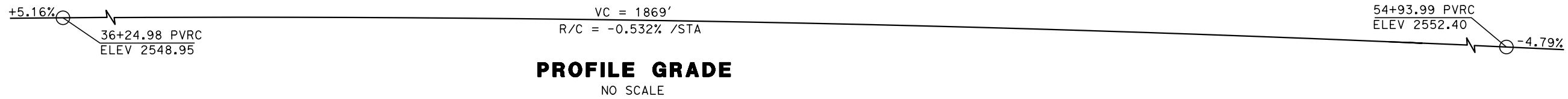
**NOT FOR  
CONSTRUCTION**



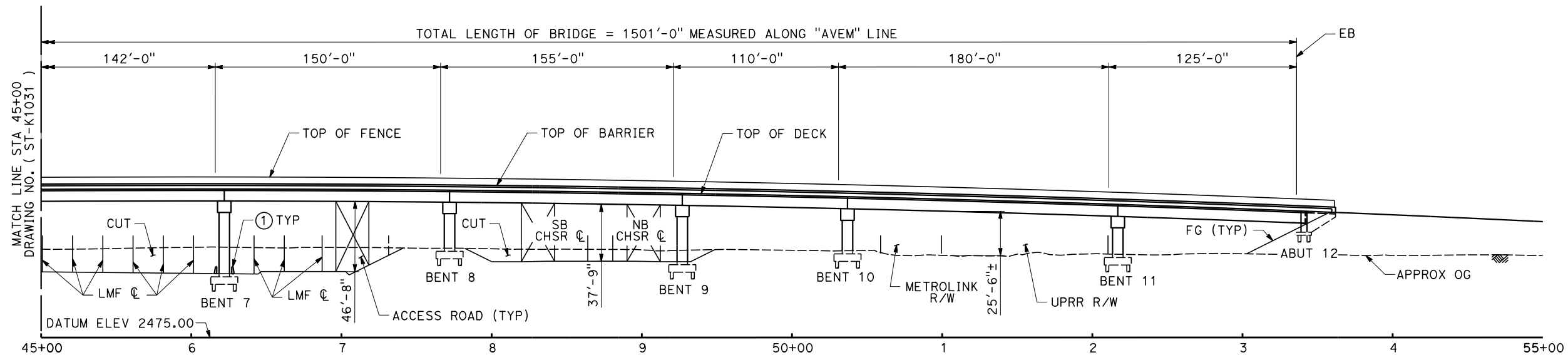
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,2,3  
ROADWAY STRUCTURES  
AVENUE M OVERHEAD  
PLAN AND ELEVATION

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

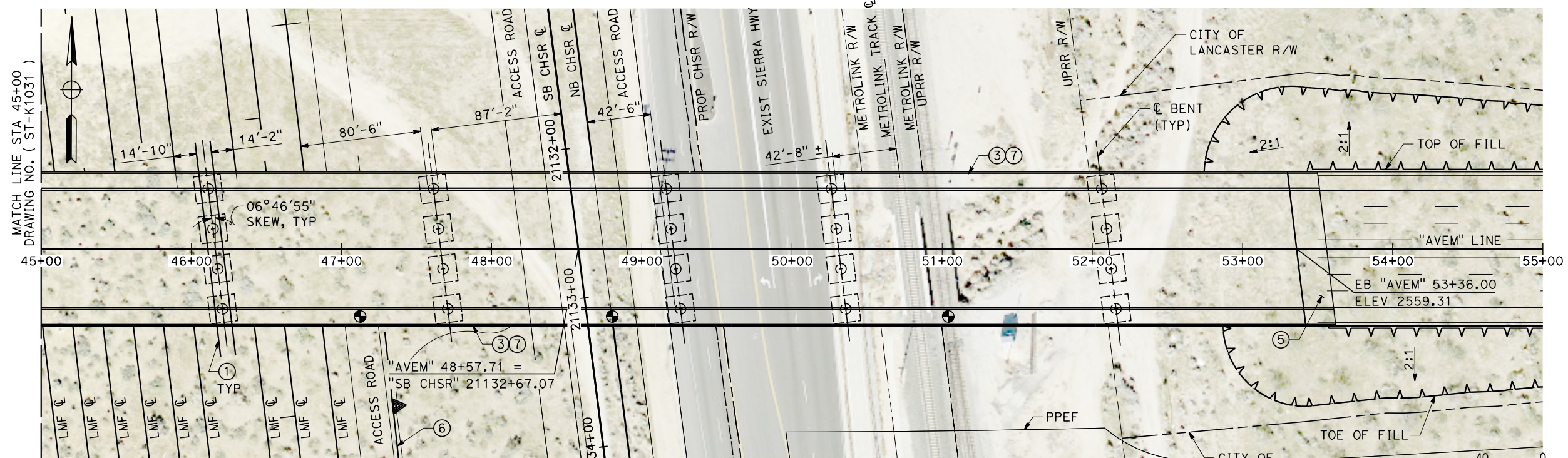




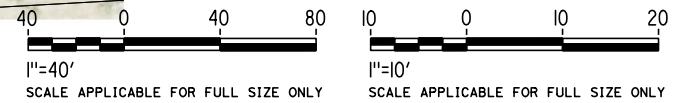
**PROFILE GRADE**  
NO SCALE



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-K1032.dgn

11:22:56 AM

10/30/2017

TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

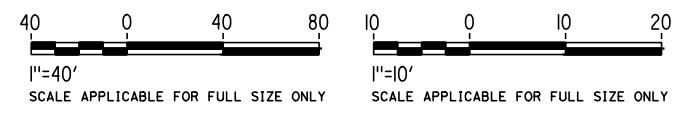
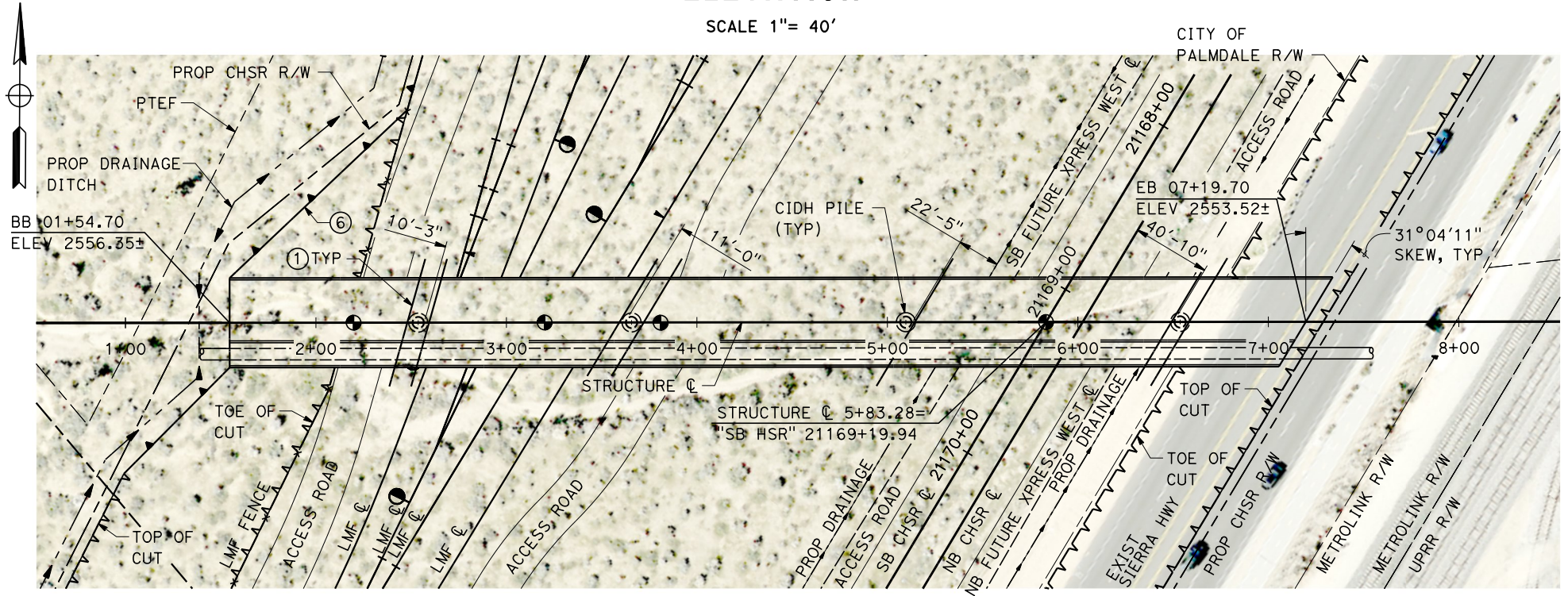
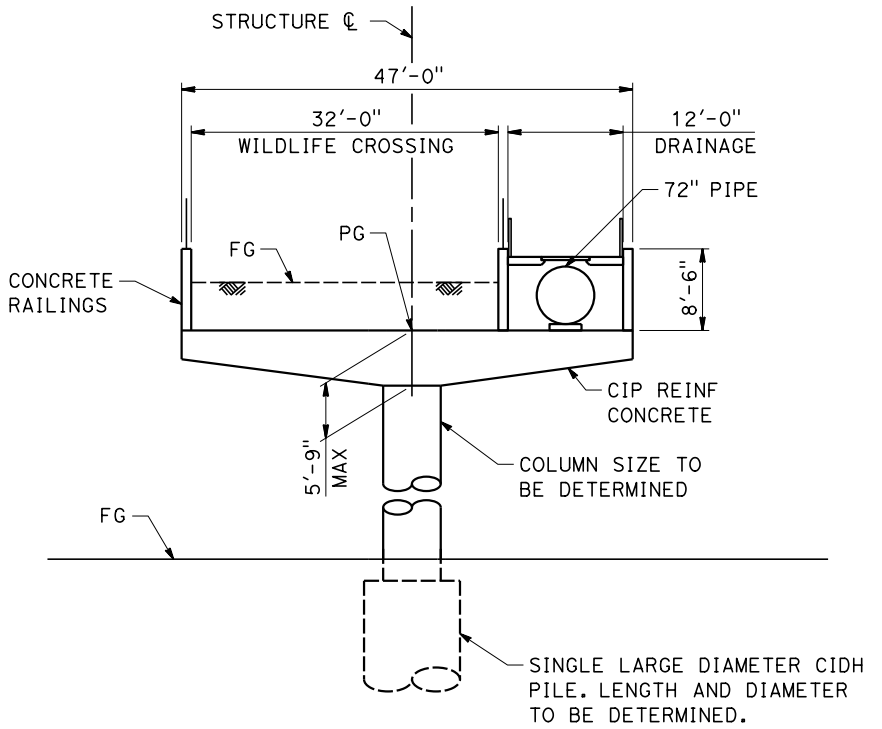
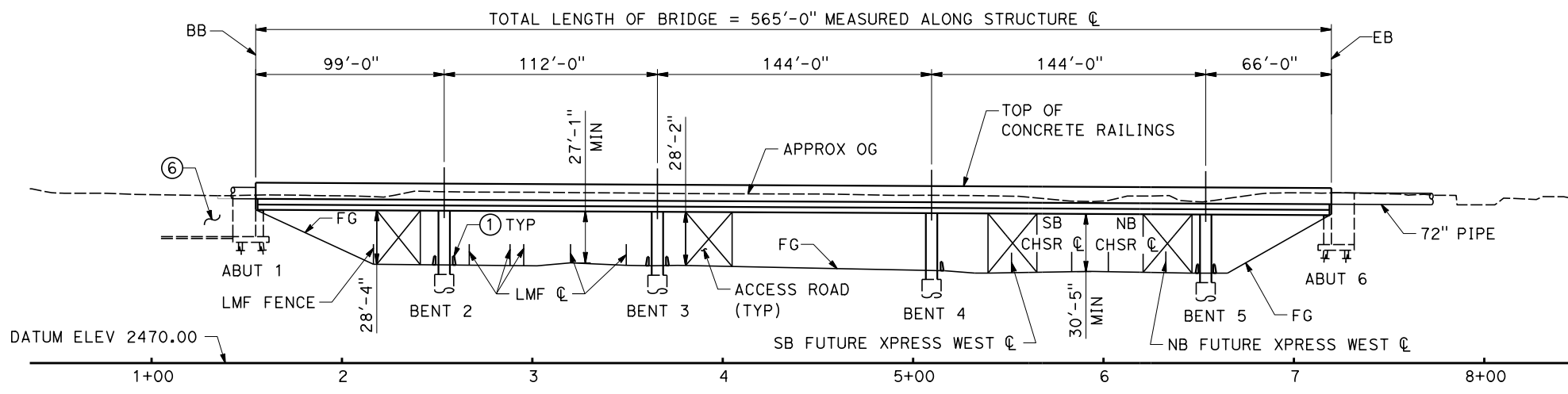
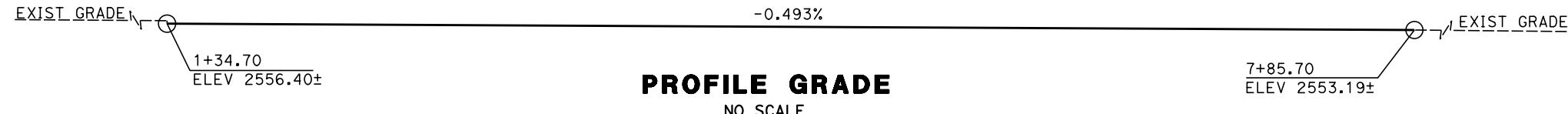


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
ALTERNATIVES 1,2,3  
ROADWAY STRUCTURES  
AVENUE M OVERHEAD  
PLAN AND ELEVATION

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



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-K1033.dgn  
 10/30/2017 11:23:04 AM  
 TYLIN\Wang



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
 DRAWN BY  
**KEVIN BERRY**  
 CHECKED BY  
**ROBERT BARTON**  
 IN CHARGE  
**STEVE SMITH**  
 DATE  
**10/31/2017**

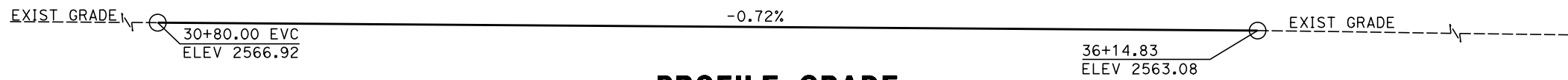
**RECORD  
 PEPD  
 SUBMITTAL**  
  
**NOT FOR  
 CONSTRUCTION**



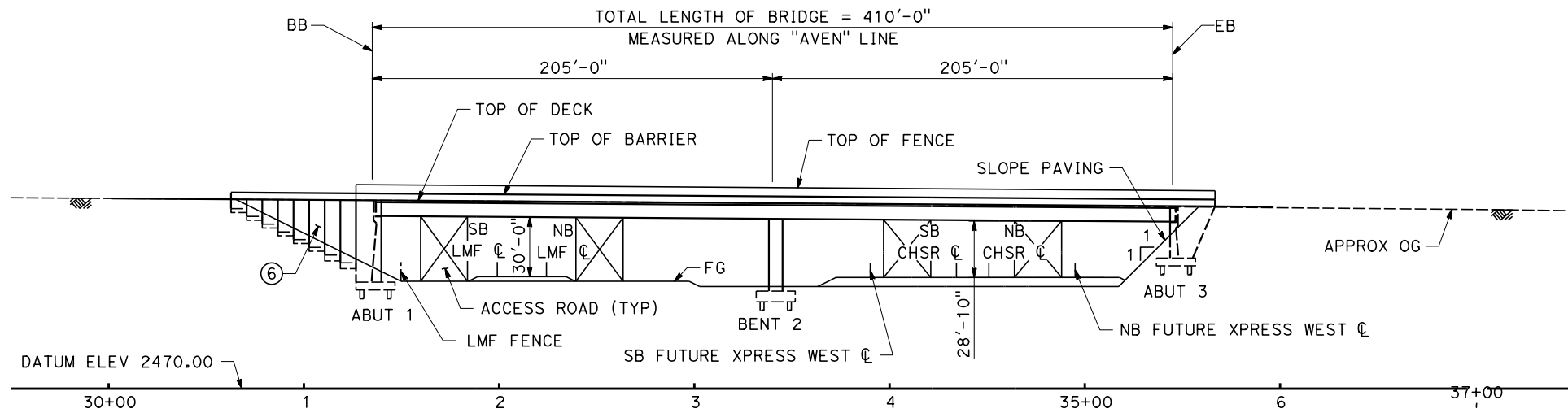
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**BAKERSFIELD TO PALMDALE**  
 ALTERNATIVE 1,2,3  
 ROADWAY STRUCTURES  
 DRAINAGE AND WILDLIFE CROSSING OVERHEAD  
 PLAN AND ELEVATION

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

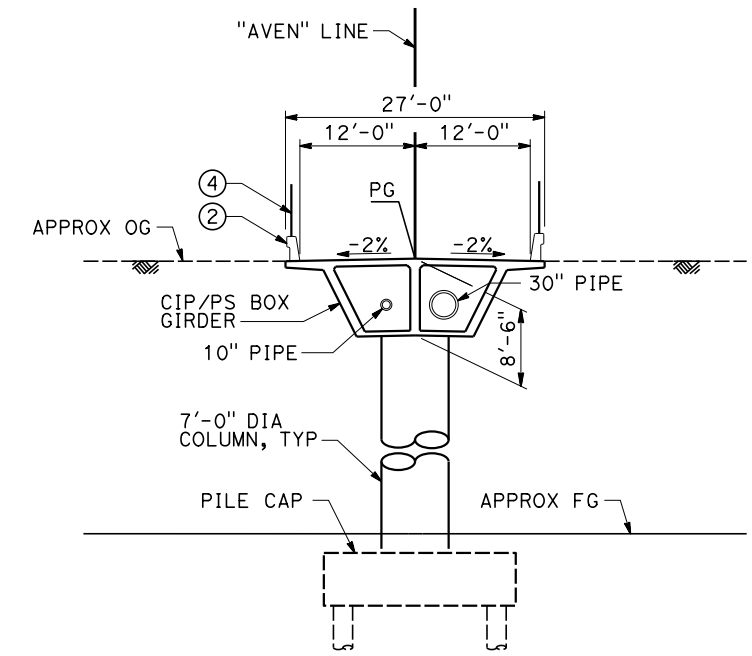




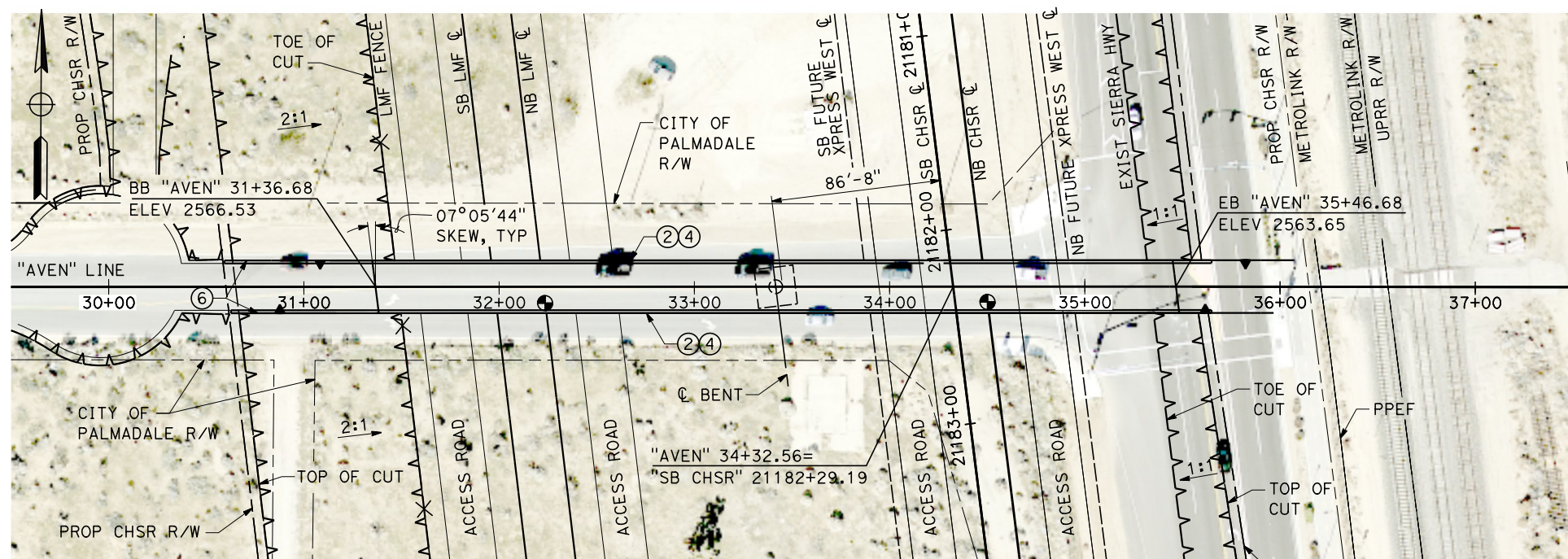
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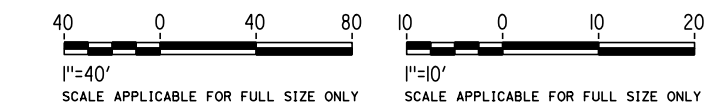
**ELEVATION**  
SCALE 1"= 40'



**TYPICAL SECTION**  
SCALE 1"= 10'



**PLAN**  
SCALE 1"= 40'



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-K1034.dgn

10/30/2017 11:15:23 AM

TYLIN\Wang

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

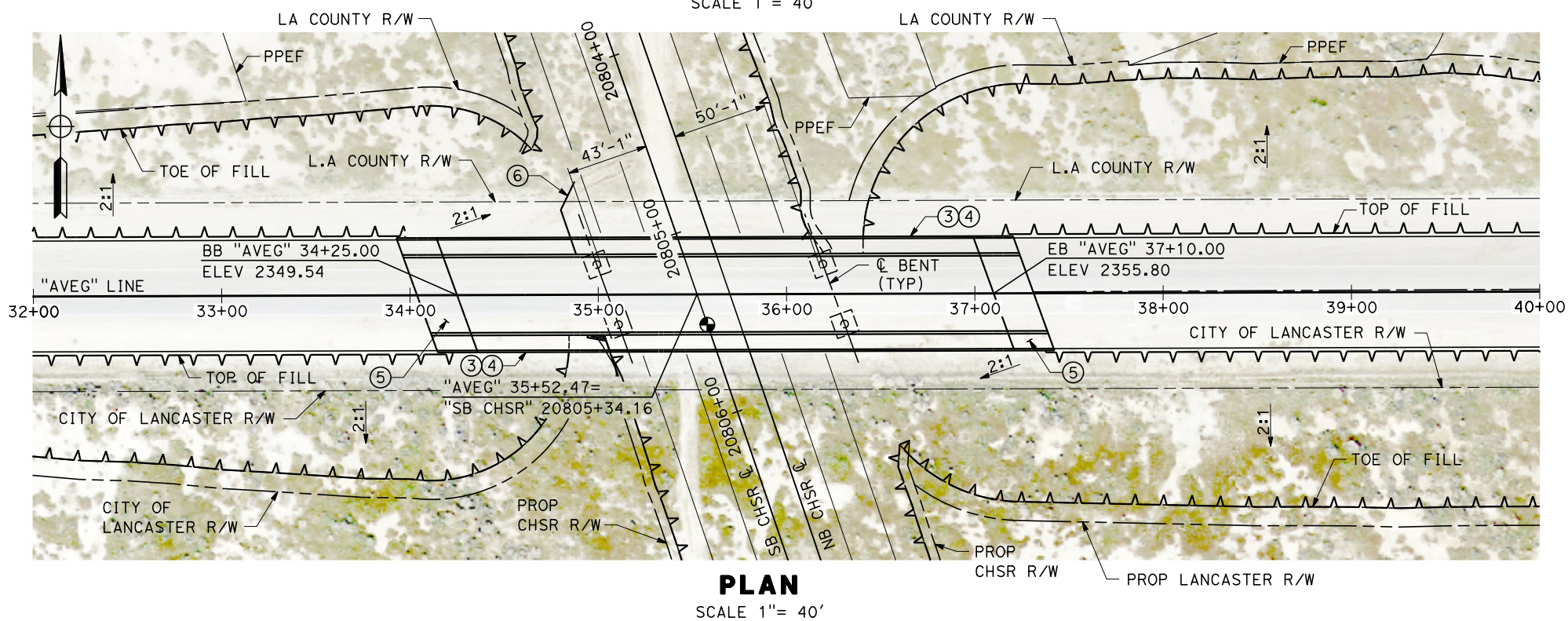
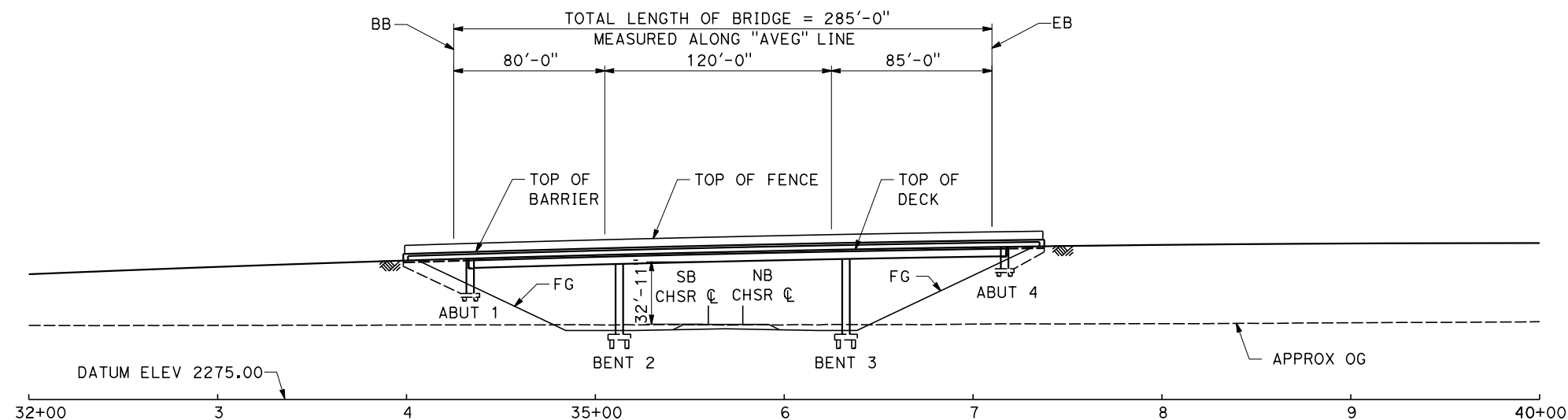
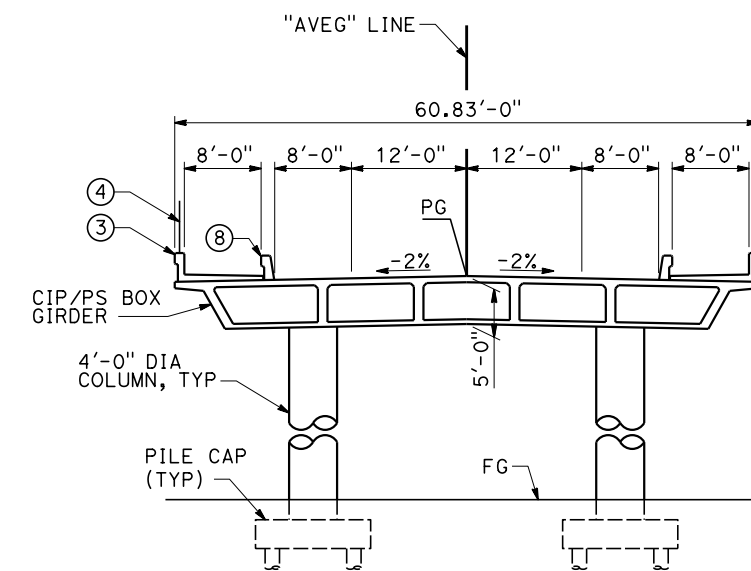
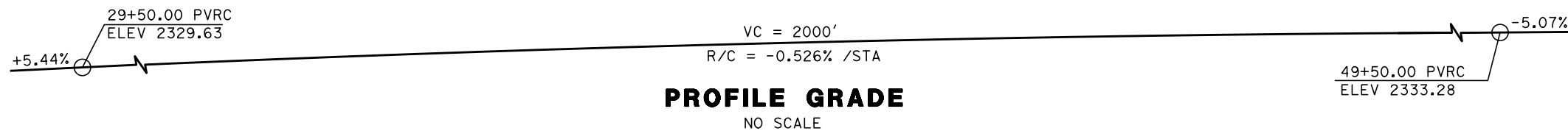
**NOT FOR  
CONSTRUCTION**



**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.

Projects\701206.00\_CHSRBP\00\_CADD\Sheet Files\ST\BP-ST-K1036.dgn 10/30/2017 11:13:11 AM TYLIN\Wang



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

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PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
ROADWAY STRUCTURES  
AVENUE G OVERHEAD 1  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**ST-K1036**  
SCALE  
**AS SHOWN**  
SHEET NO.

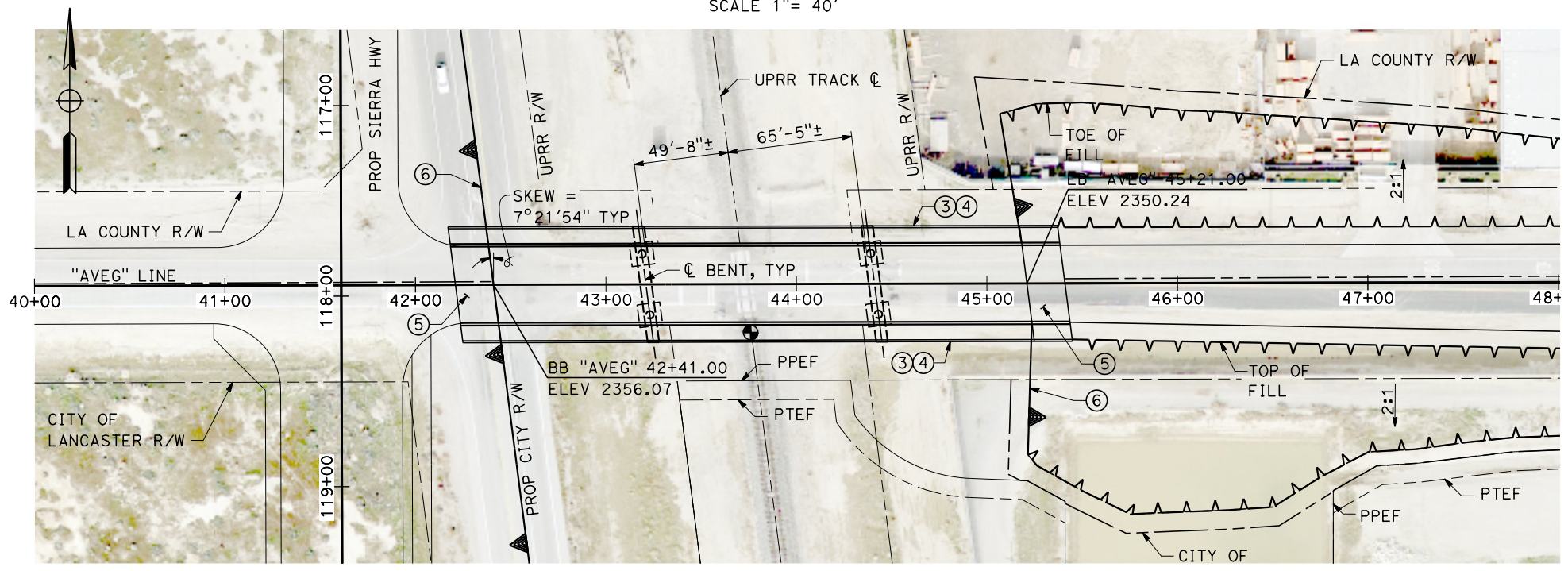
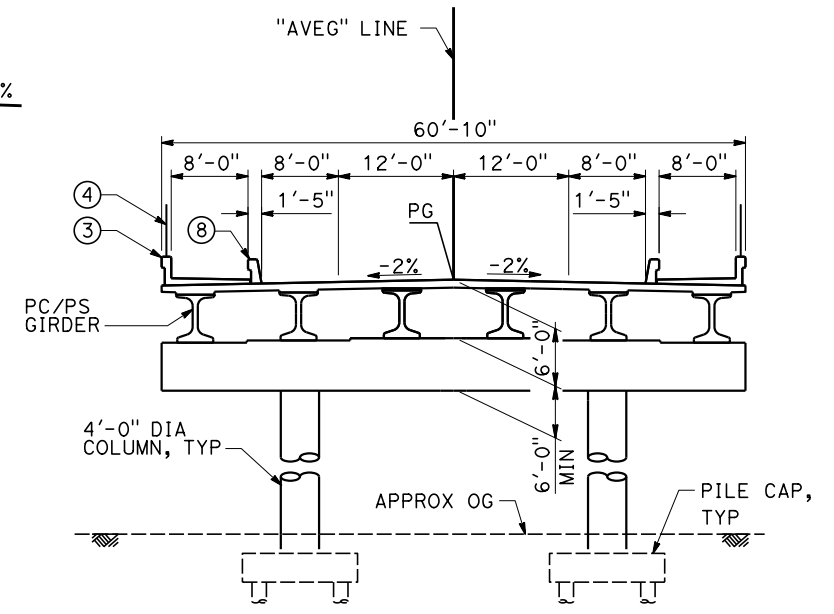
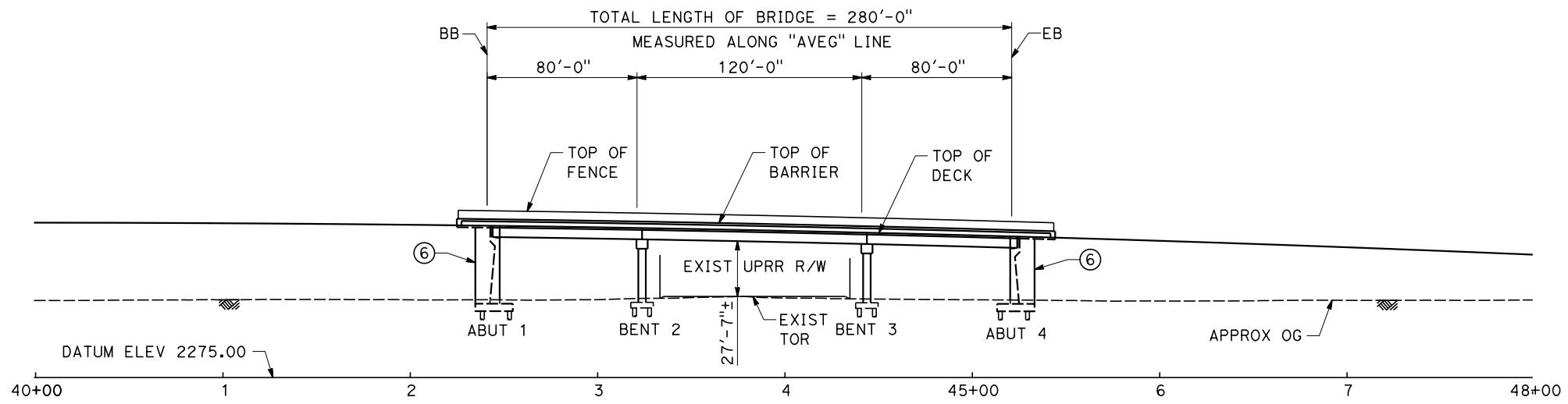
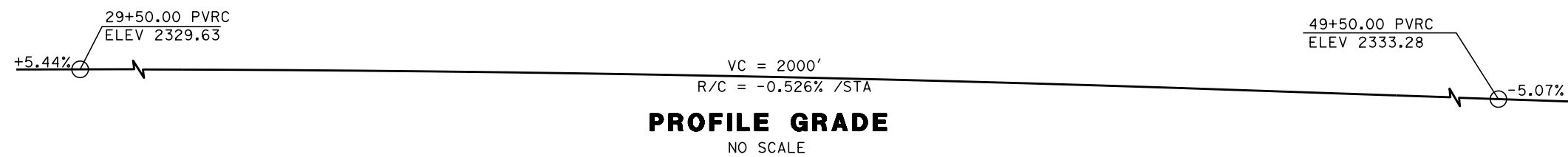


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11:24:14 AM

10/30/2017

TYLWang



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROB BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



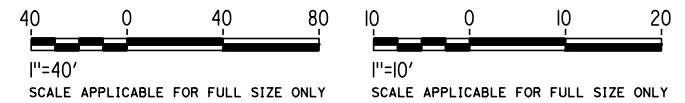
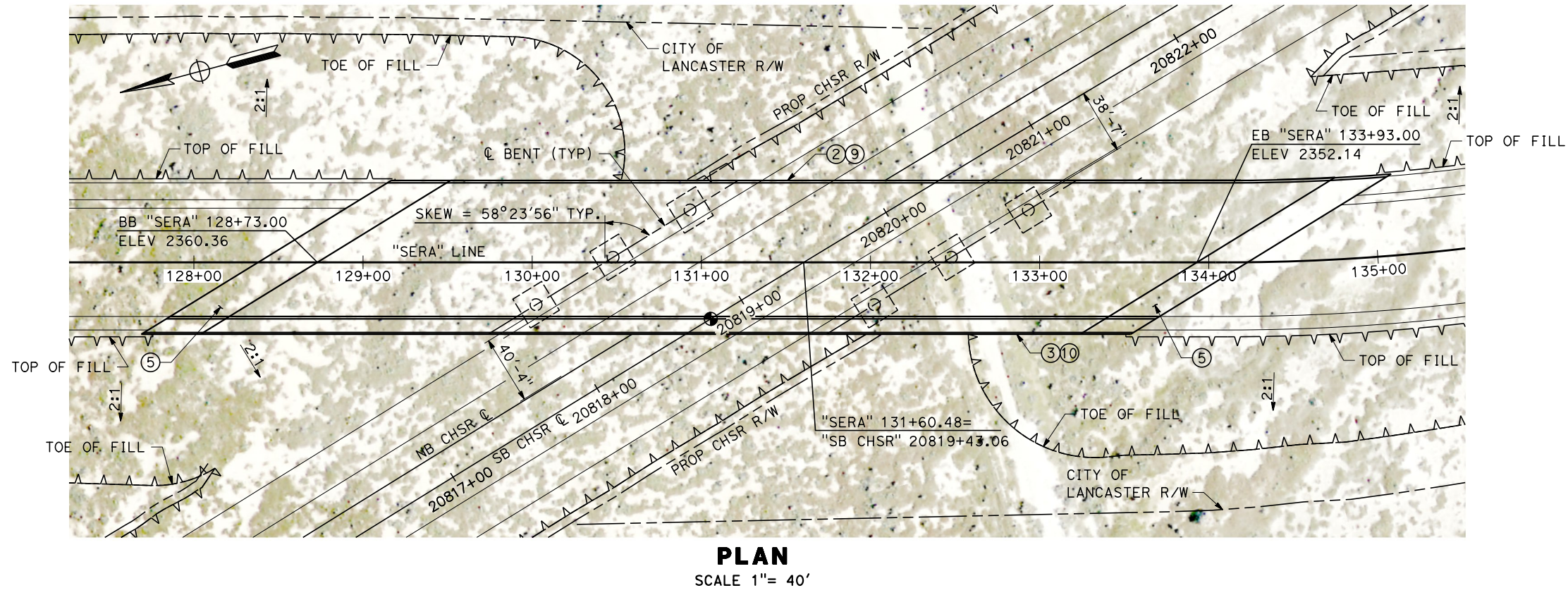
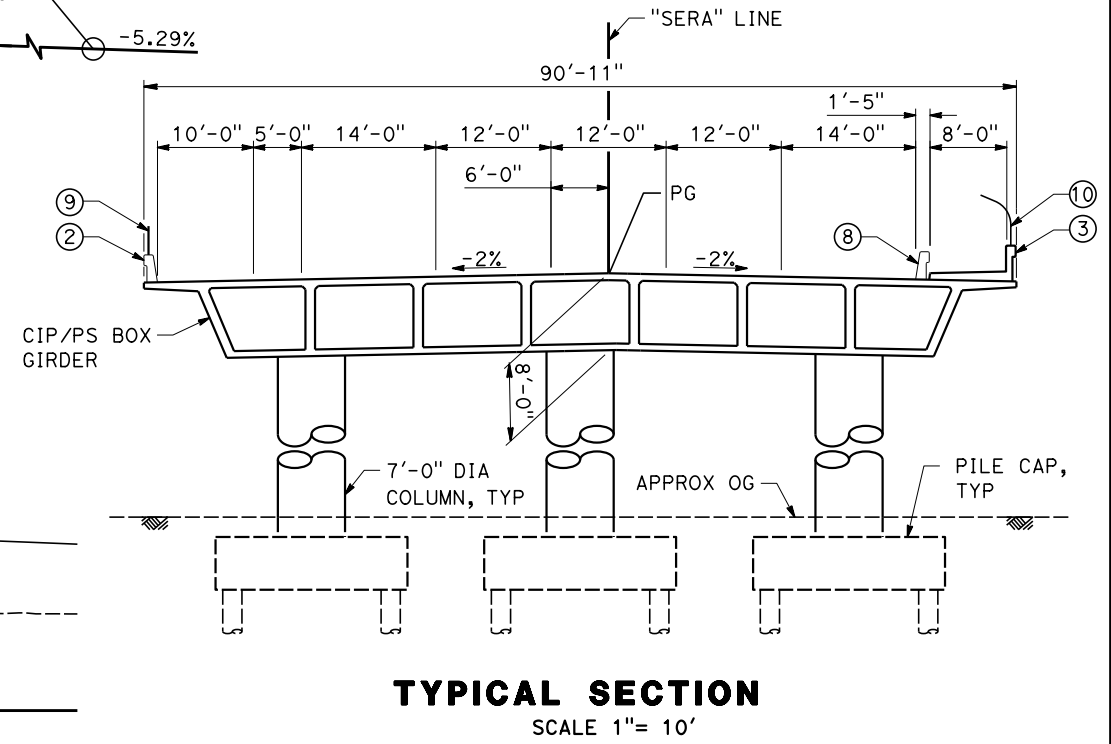
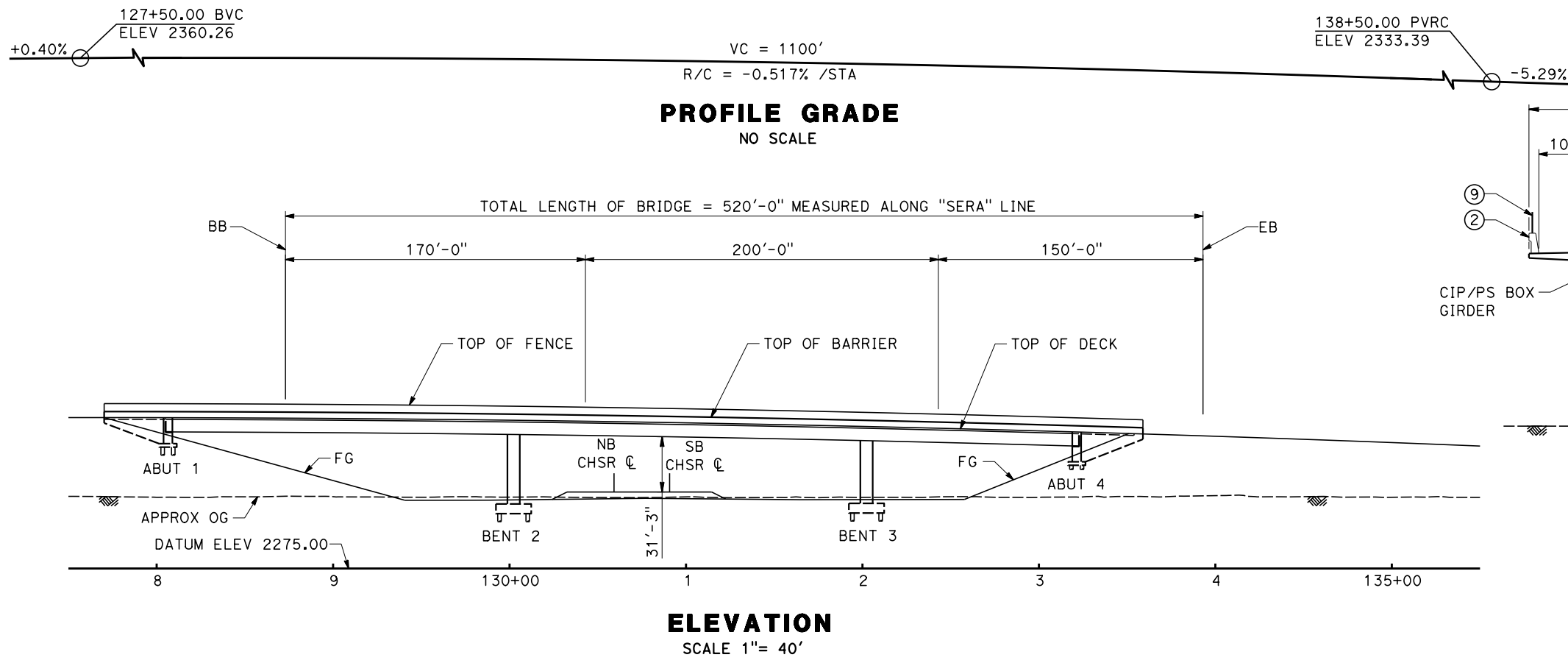
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5  
ROADWAY STRUCTURES  
AVENUE G OVERHEAD 2  
PLAN AND ELEVATION

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
ST-K1037  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet Files\ST\BP-ST-K1038.dgn  
10/30/2017 11:14:04 AM TYLIN\Wang



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**

DRAWN BY  
**DYLAN WILEY**

CHECKED BY  
**ROB BARTON**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
ROADWAY STRUCTURES  
SIERRA HIGHWAY OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
HSR13-44

DRAWING NO.  
ST-K1038

SCALE  
AS SHOWN

SHEET NO.

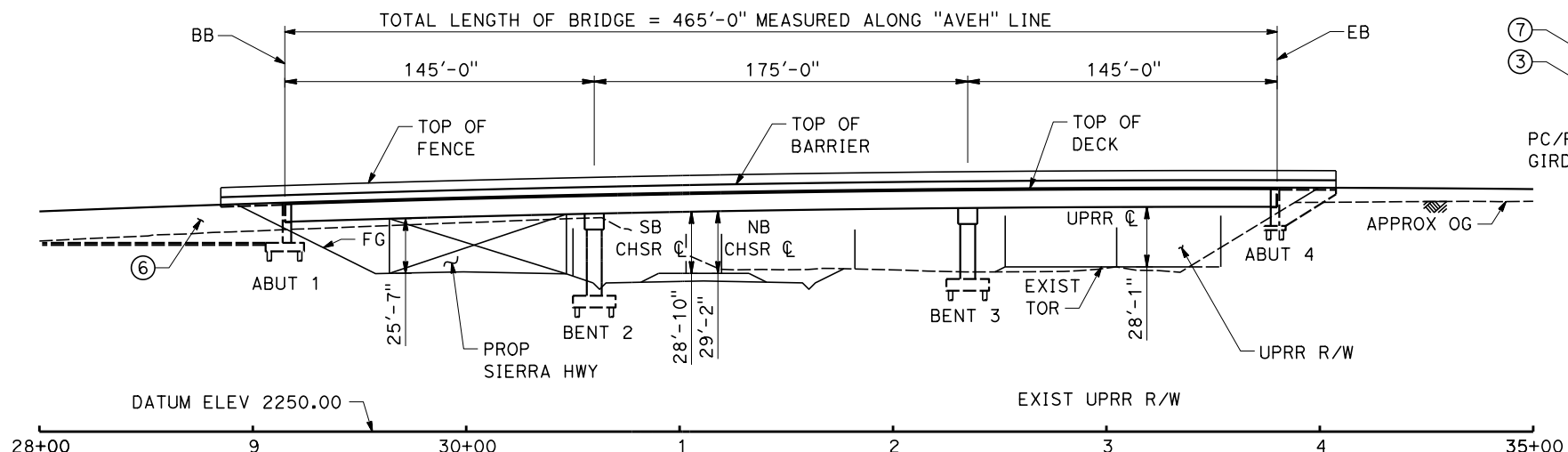
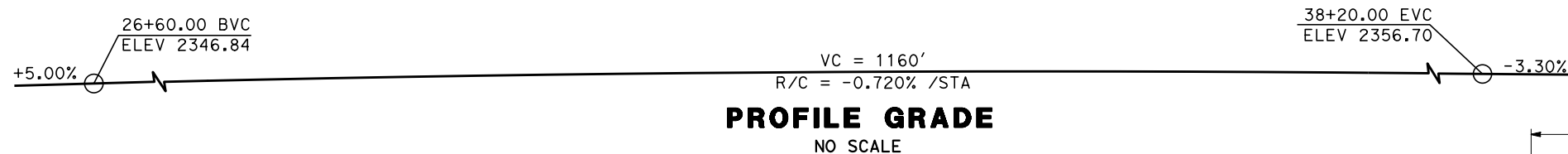


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11:23:21 AM

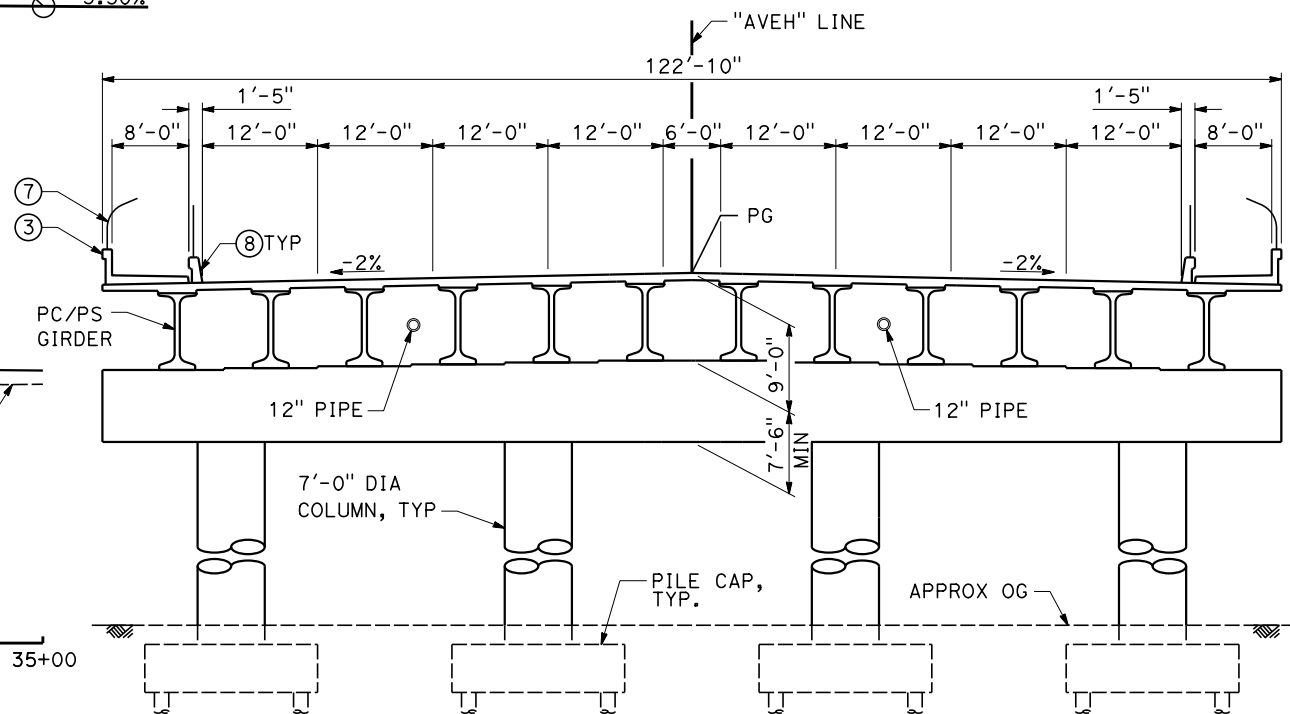
10/30/2017

TYL\Y.Wang



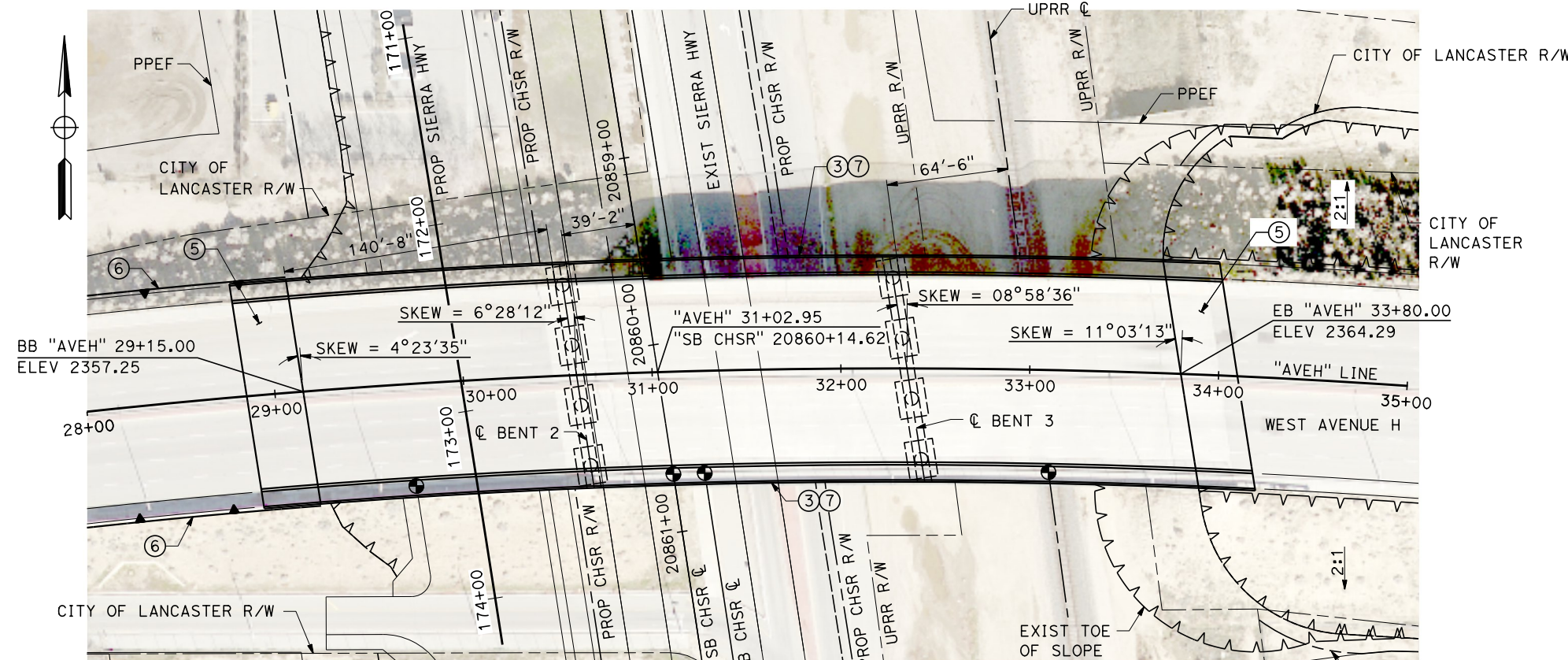
**ELEVATION**

SCALE 1"= 40'



**TYPICAL SECTION**

SCALE 1"= 10'



**PLAN**

SCALE 1"= 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROB BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
ROADWAY STRUCTURES  
AVENUE H OVERHEAD  
PLAN AND ELEVATION

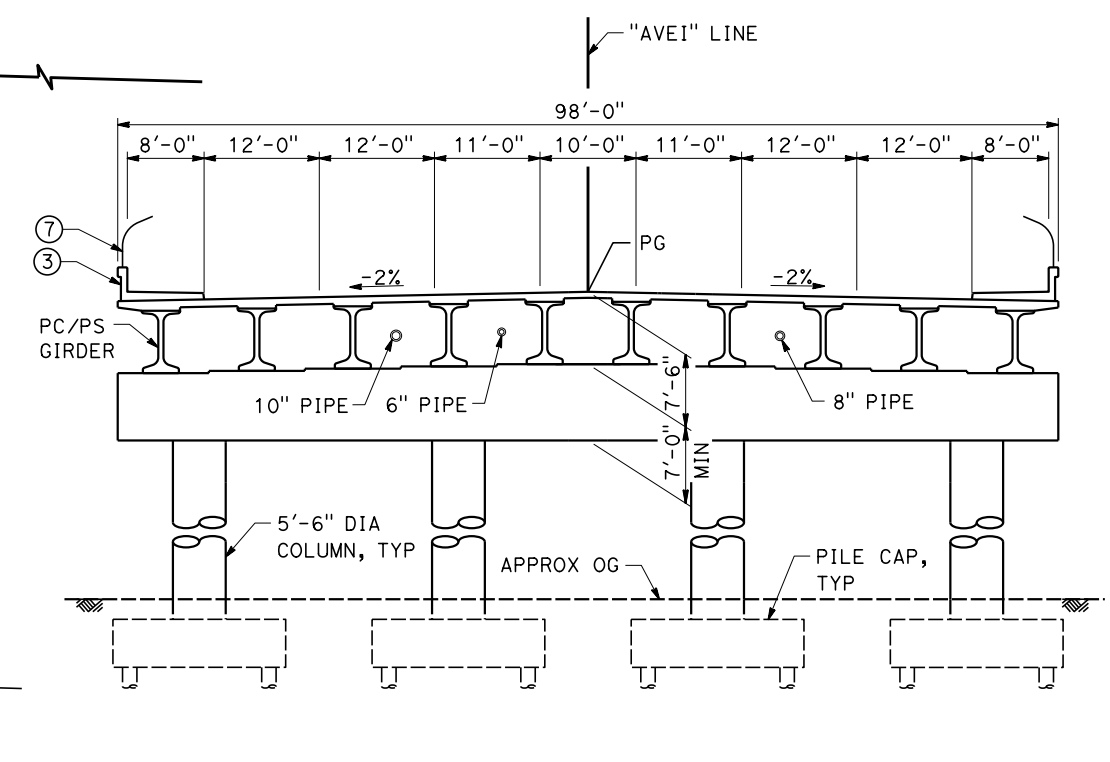
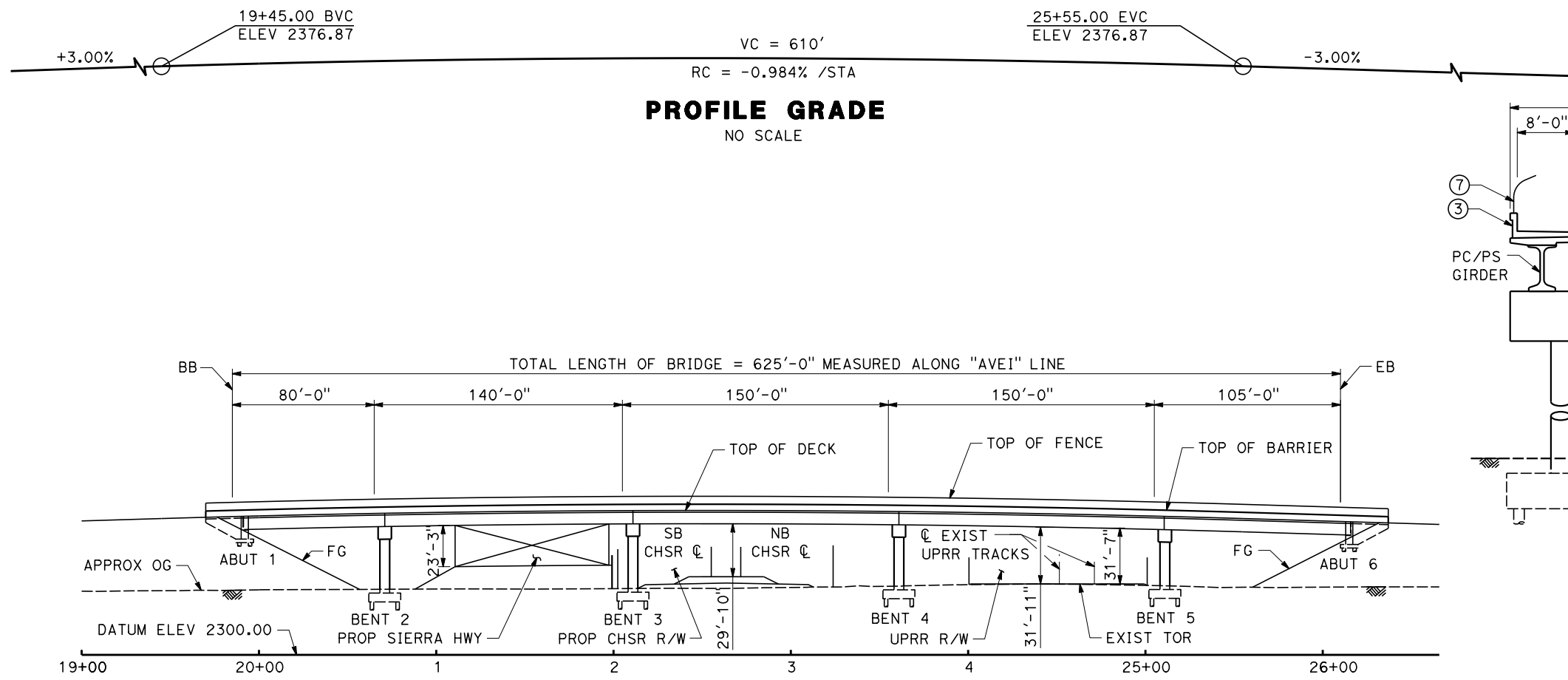
CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**ST-K1039**

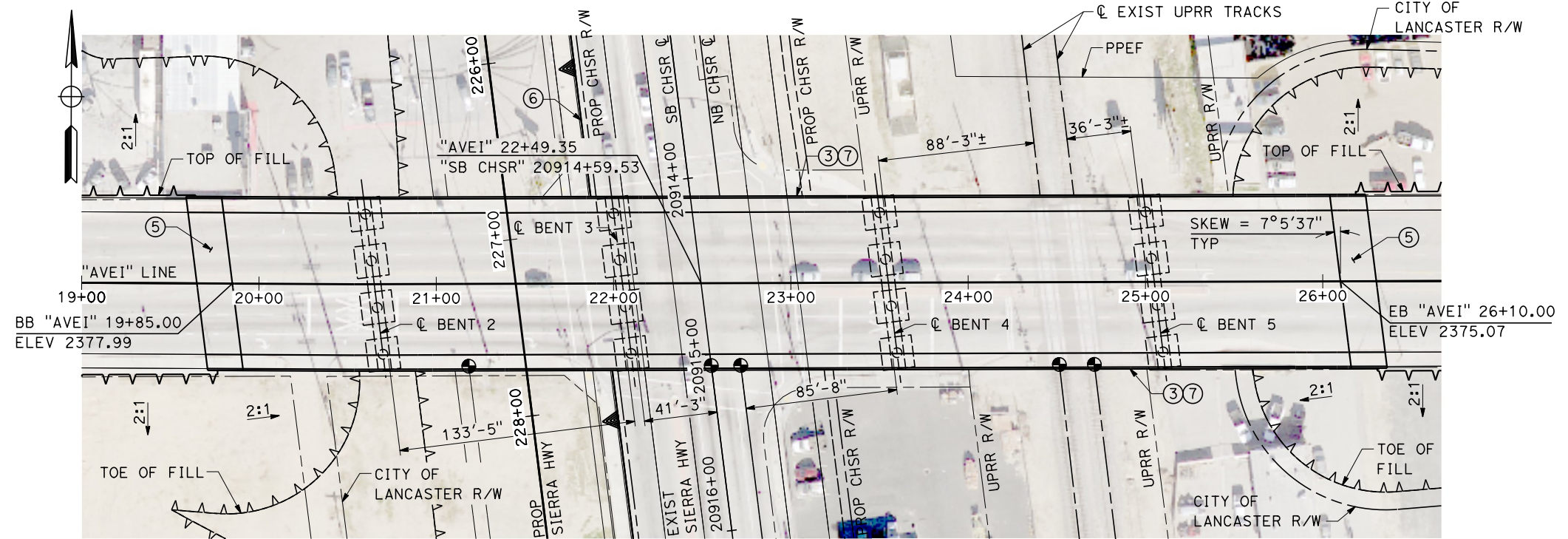
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**AS SHOWN**

SHEET NO.

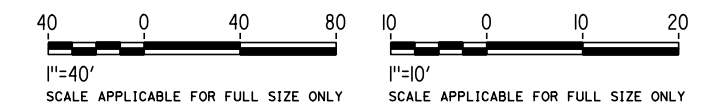
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**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**

DRAWN BY  
**DYLAN WILEY**

CHECKED BY  
**ROB BARTON**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
ROADWAY STRUCTURES  
AVENUE I OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
HSR13-44

DRAWING NO.  
ST-K1040

SCALE  
AS SHOWN

SHEET NO.

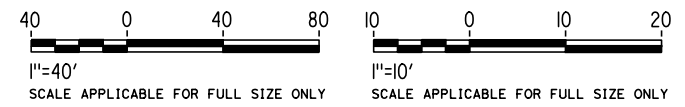
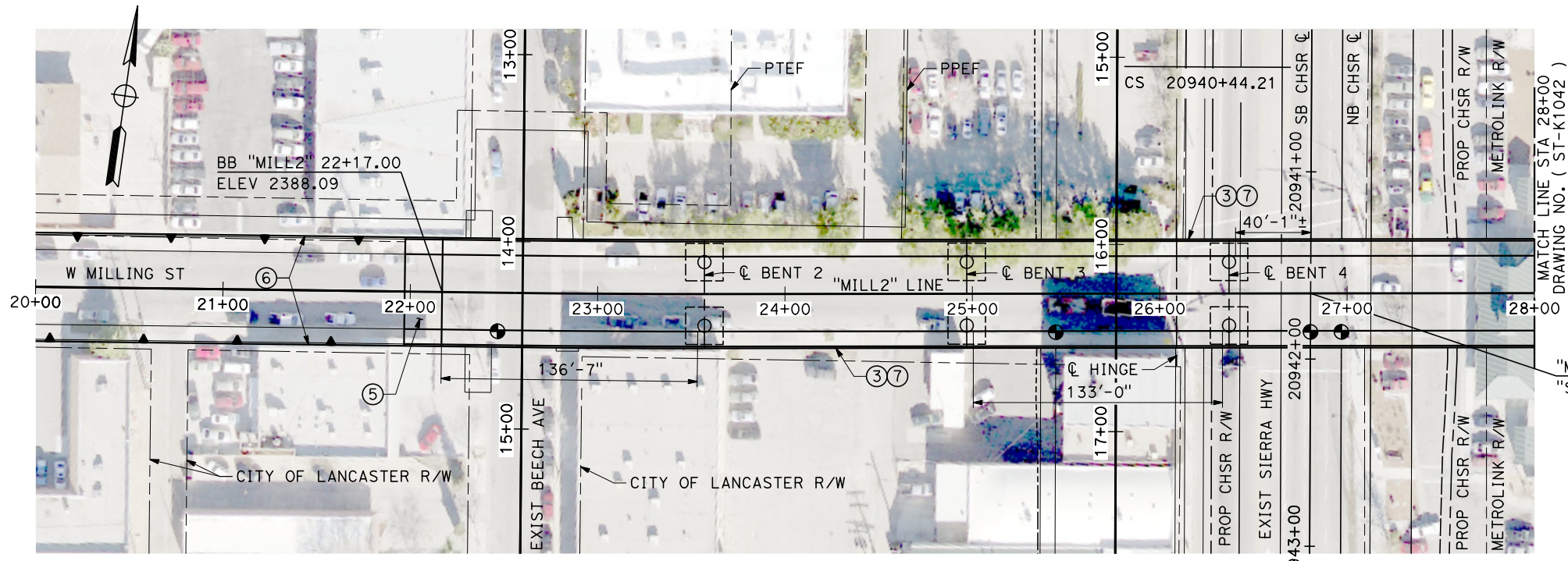
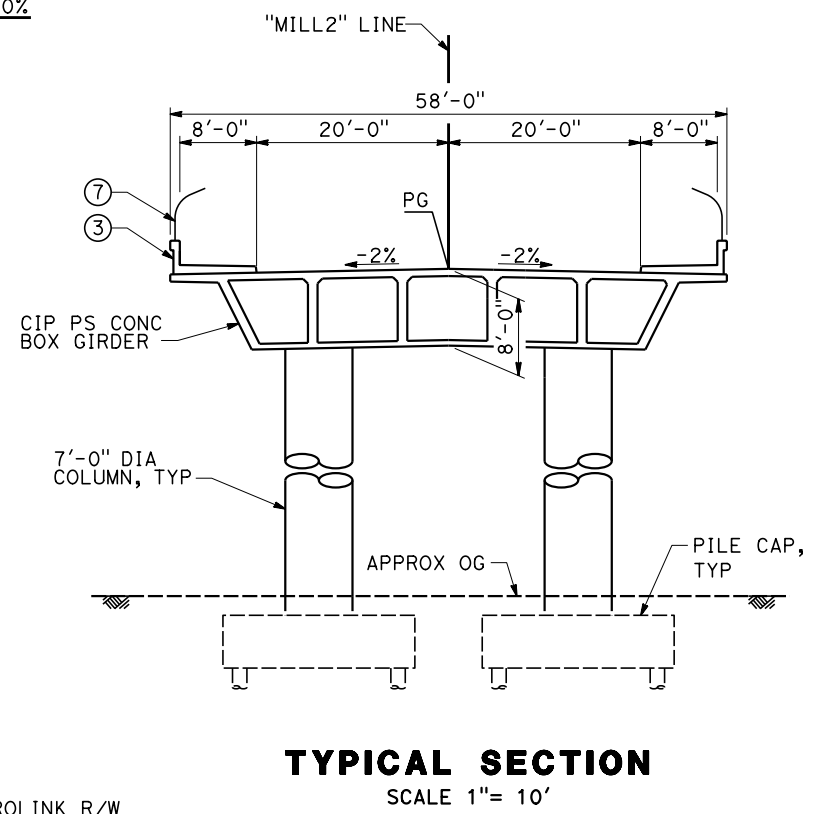
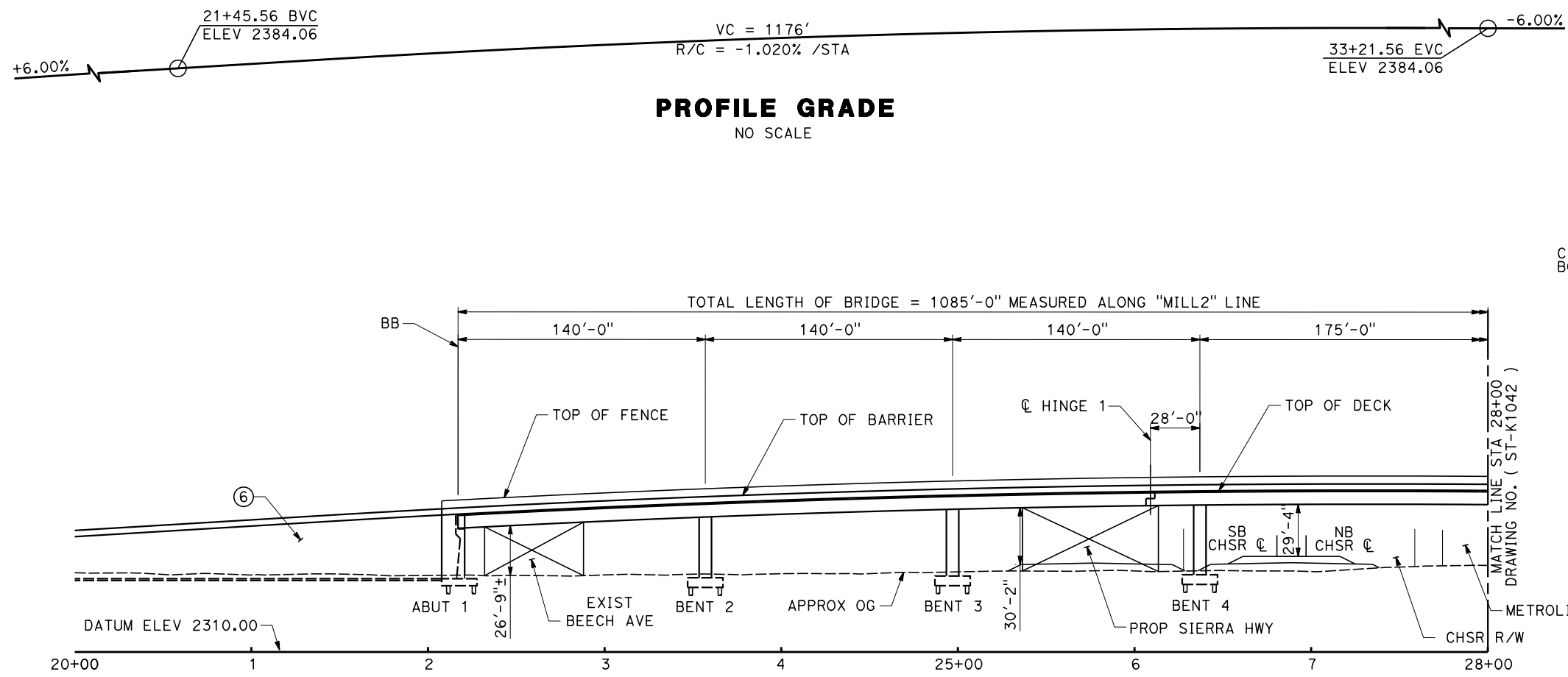


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11:16:49 AM

10/30/2017

TYLIN\Wang



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROB BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
ROADWAY STRUCTURES  
MILLING STREET OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**ST-K1041**

SCALE  
**AS SHOWN**

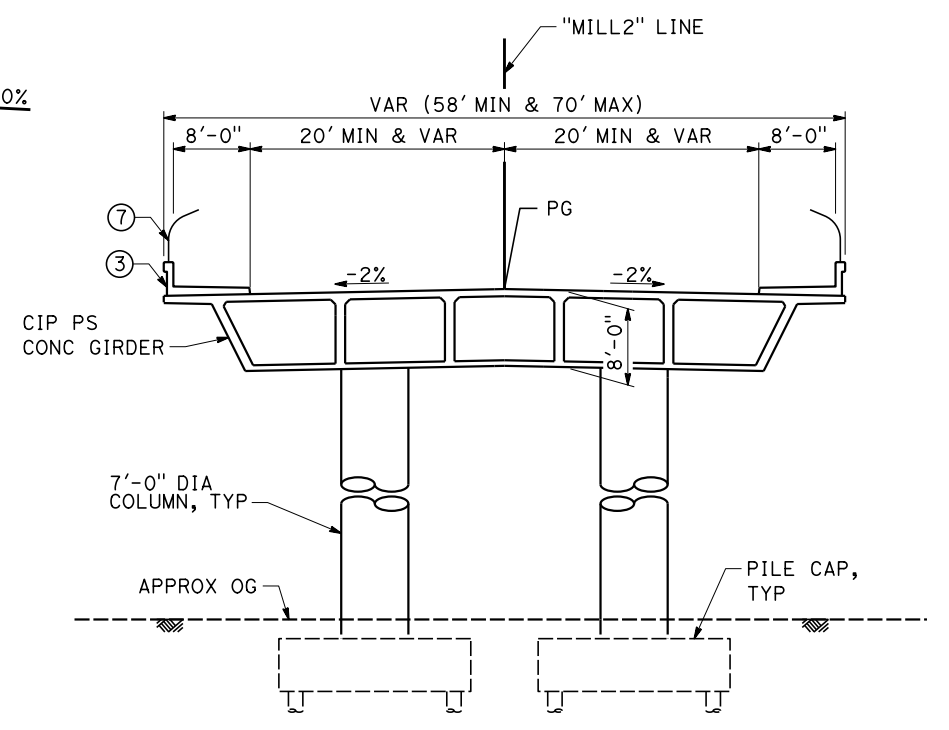
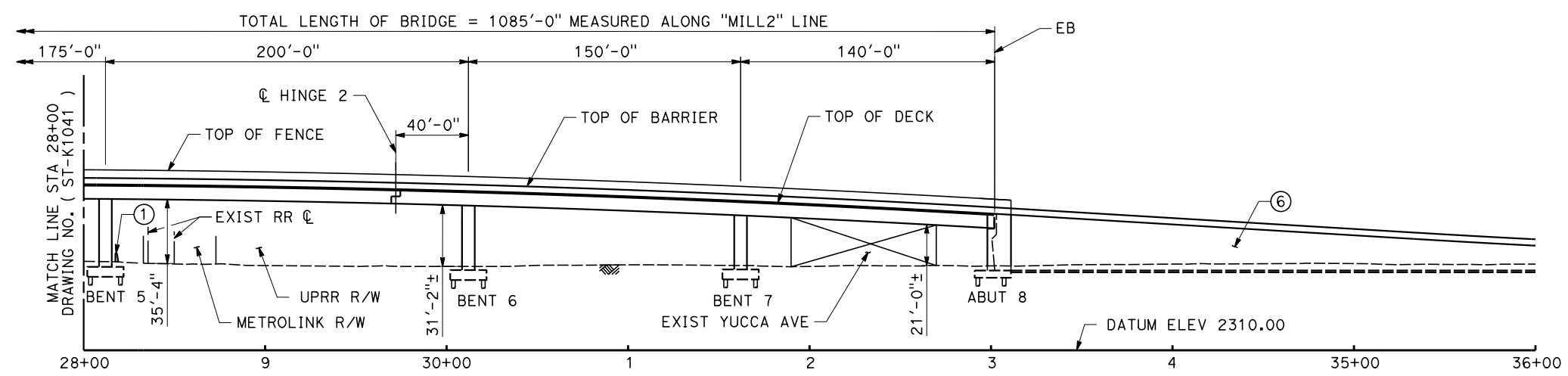
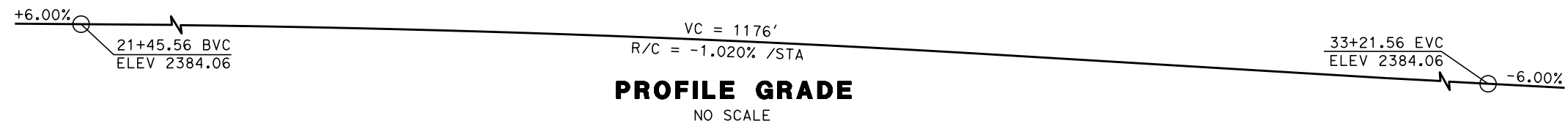
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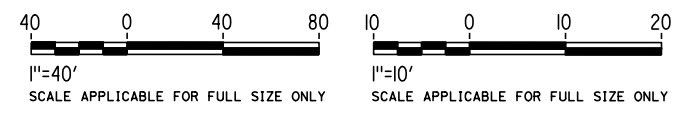
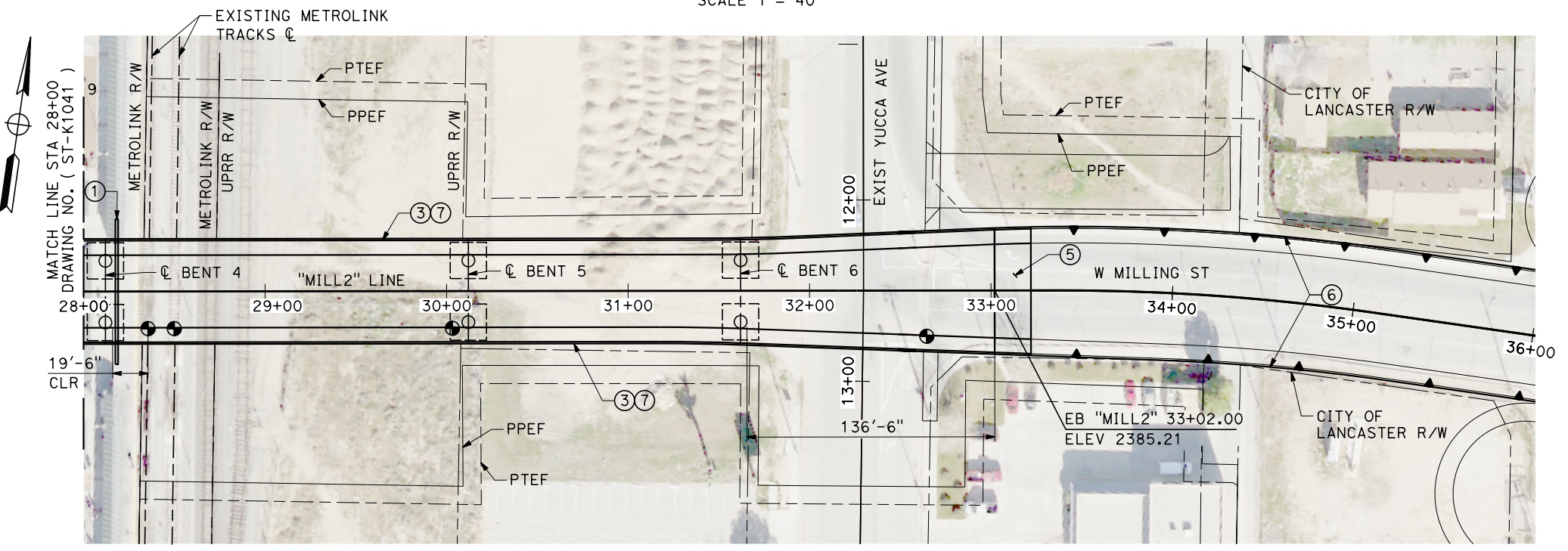
11:19:40 AM

10/30/2017

TYLIN\Wang



SECTION OVER YUCCA AVE  
**TYPICAL SECTION**  
SCALE 1" = 10'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROB BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
ROADWAY STRUCTURES  
MILLING STREET OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**ST-K1042**  
SCALE  
**AS SHOWN**  
SHEET NO.

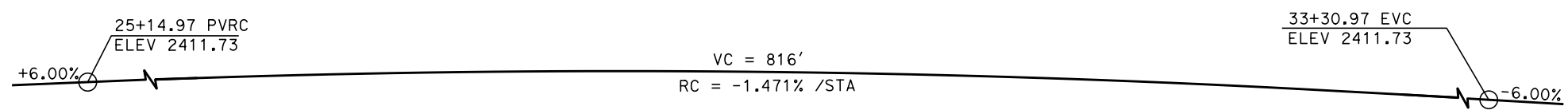


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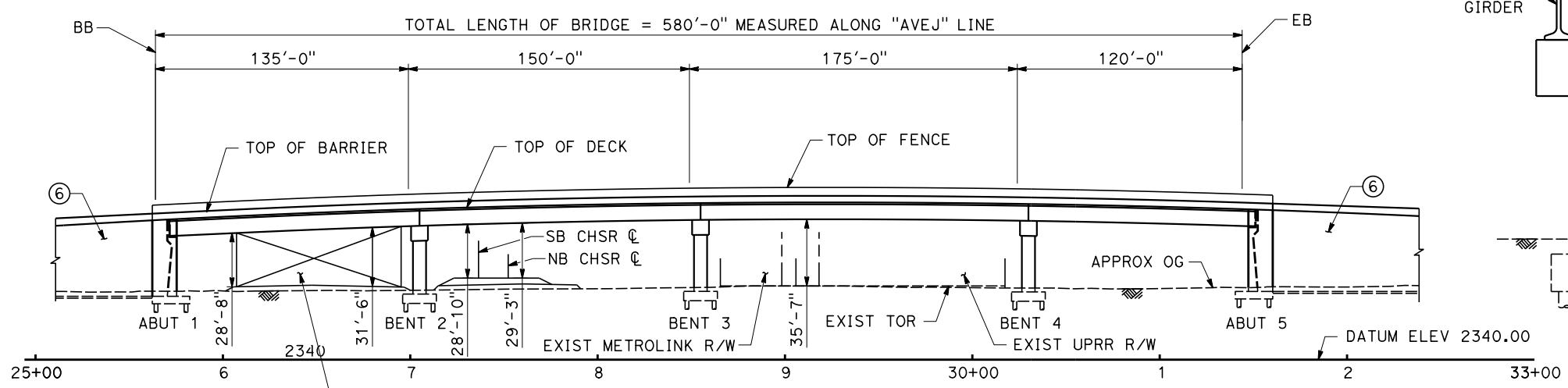
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10/30/2017

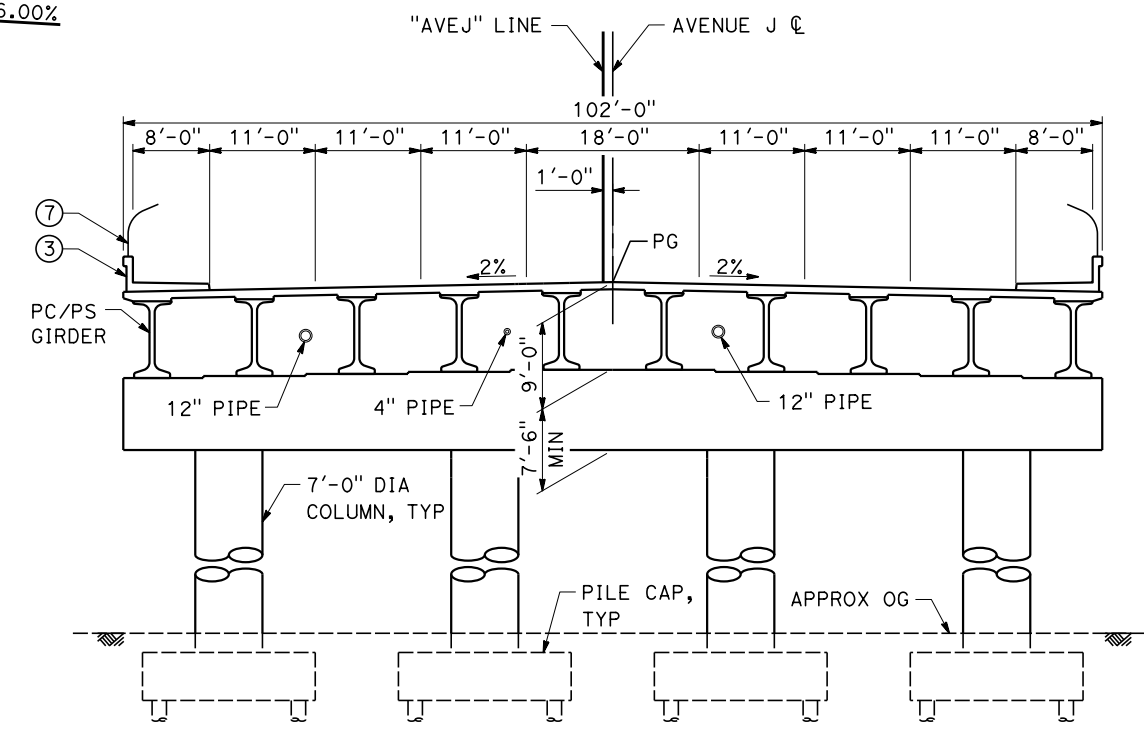
TYLW



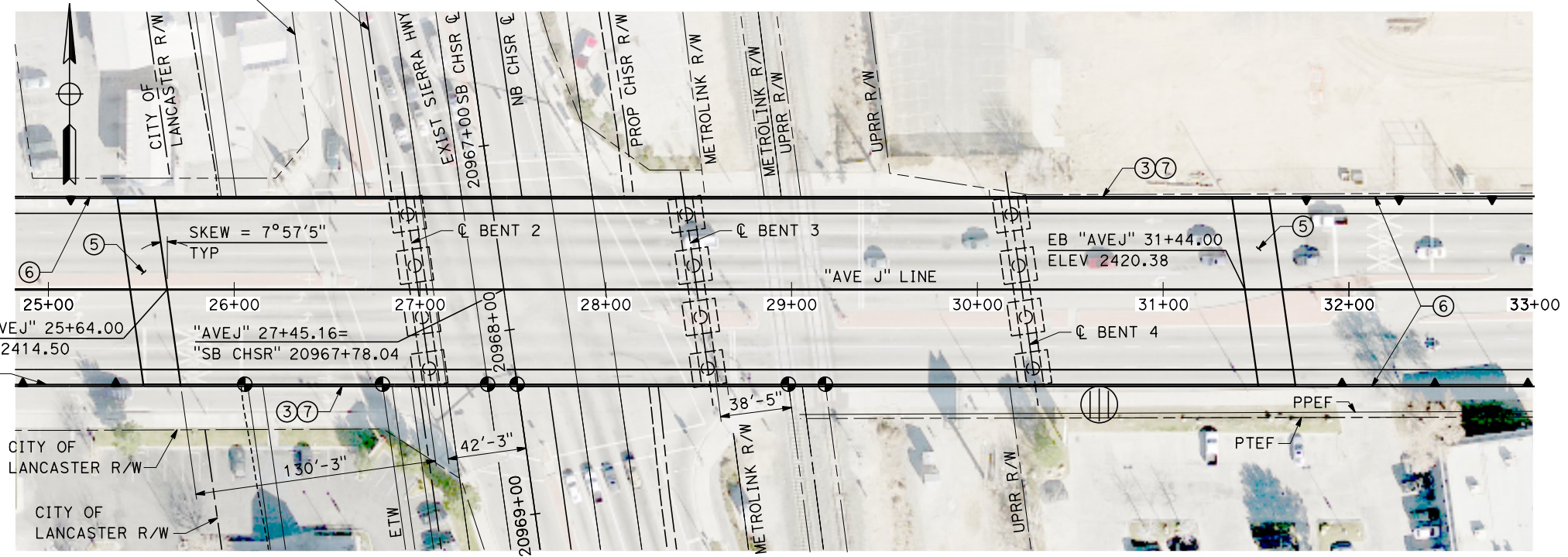
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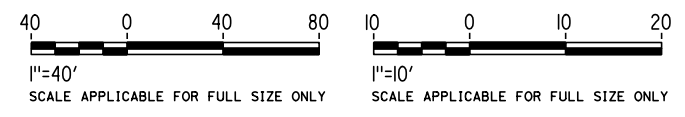
**ELEVATION**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROB BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

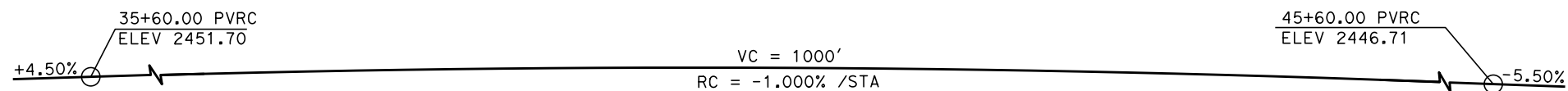
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HSR13-44  
DRAWING NO.  
ST-K1043  
SCALE  
AS SHOWN  
SHEET NO.

Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-K1044.dgn

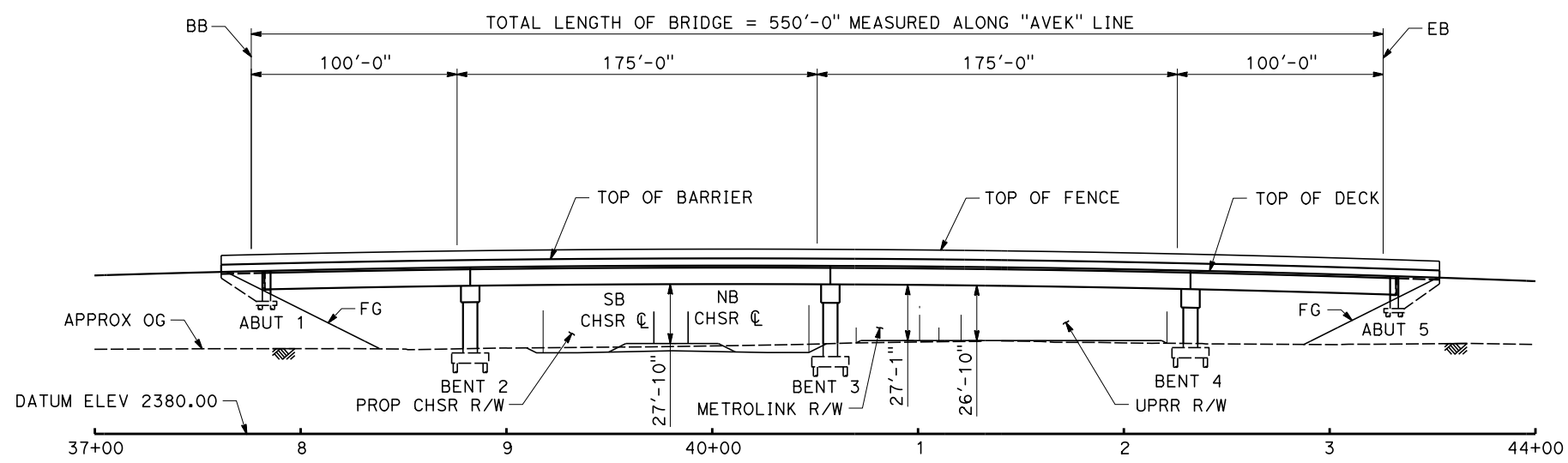
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10/30/2017

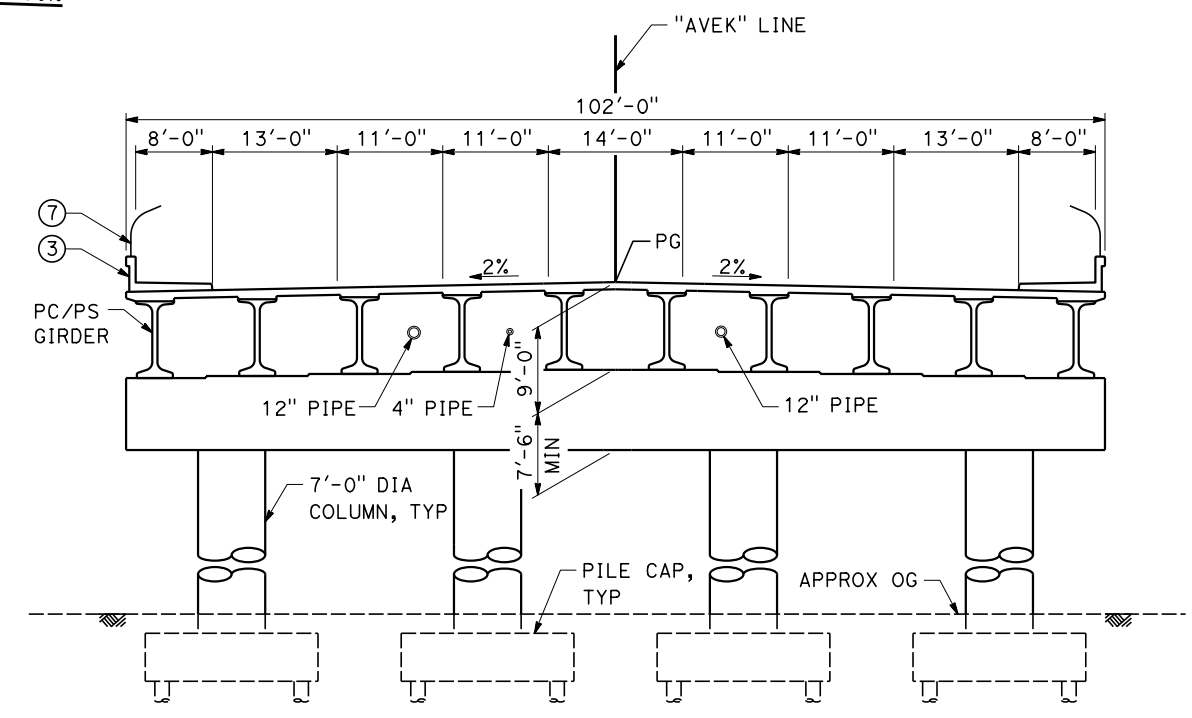
TYLIN\Wang



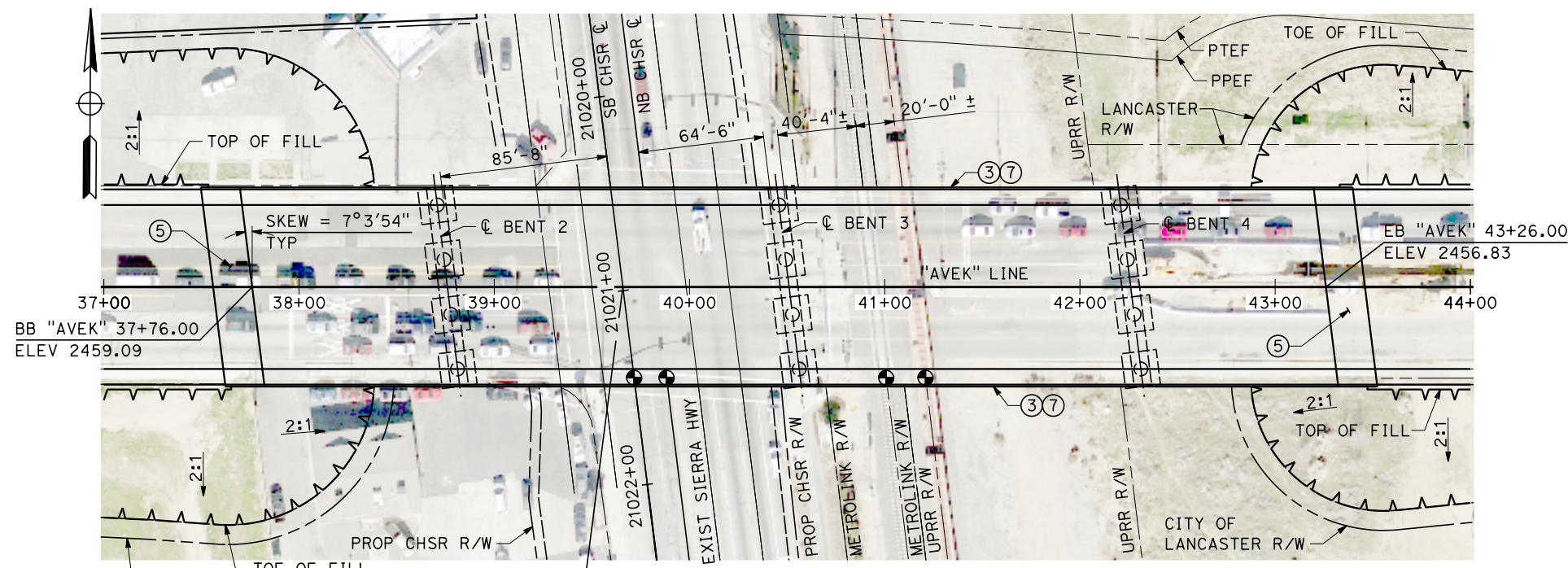
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NO SCALE



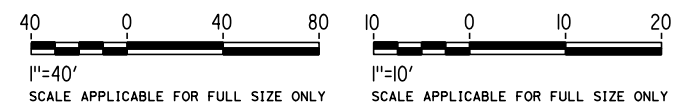
**ELEVATION**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROB BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



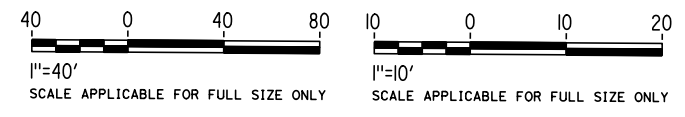
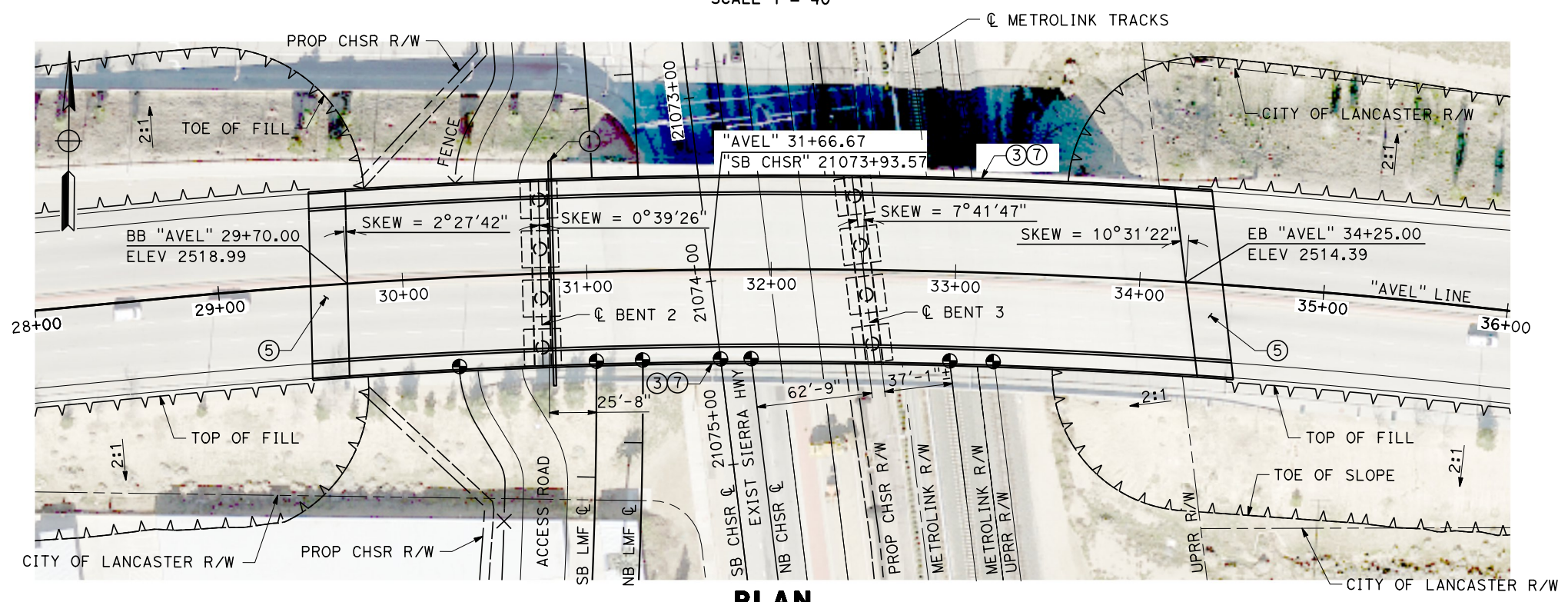
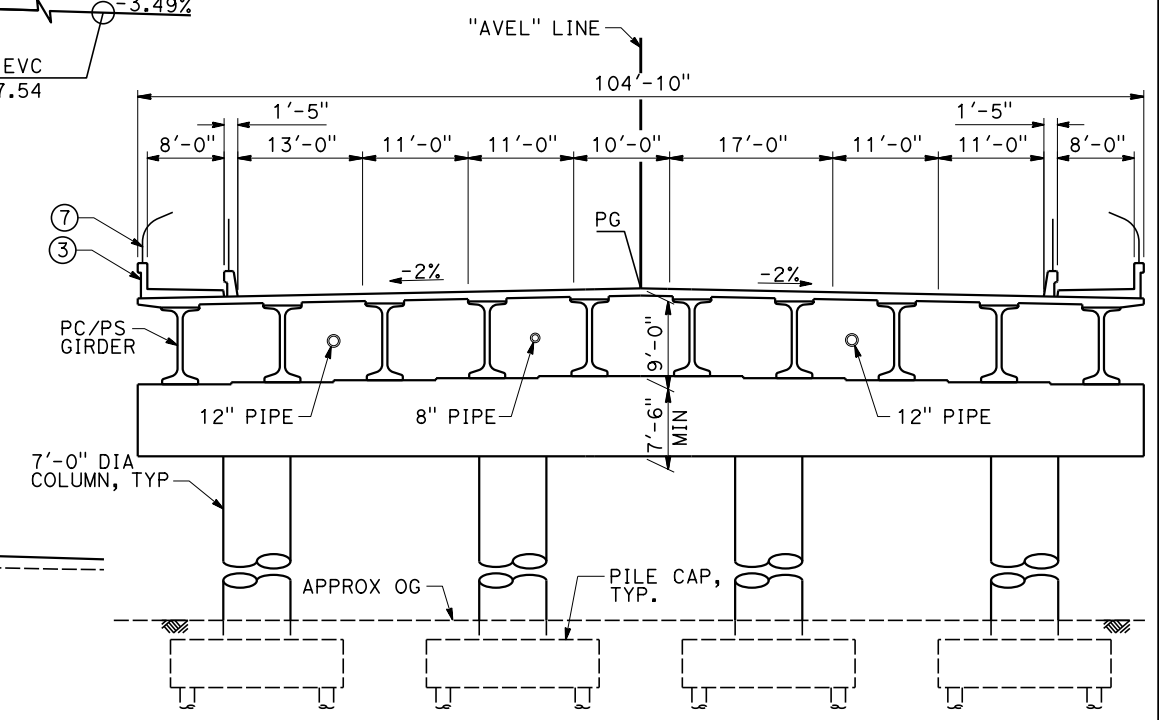
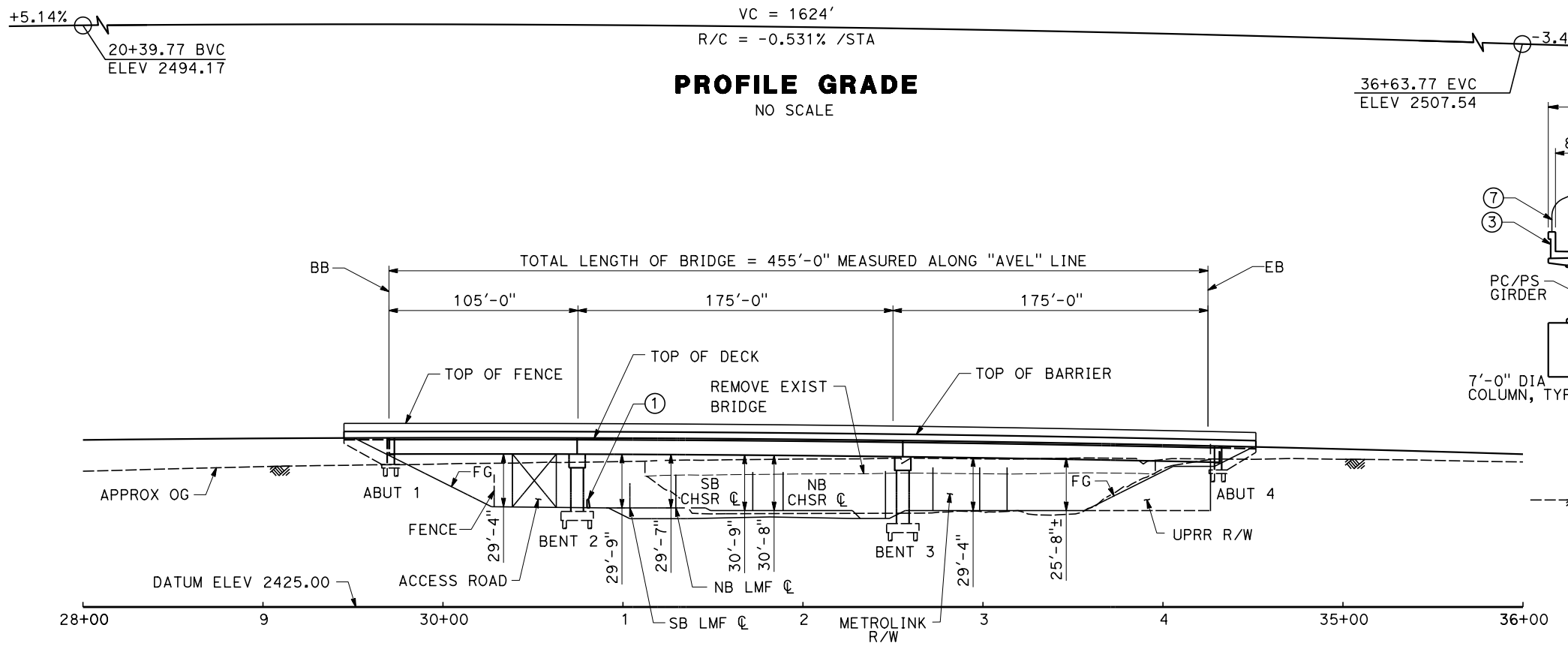
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5  
ROADWAY STRUCTURES  
AVENUE K OVERCROSSING  
PLAN AND ELEVATION

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
ST-K1044  
SCALE  
AS SHOWN  
SHEET NO.



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-K1045.dgn 10/30/2017 11:25:05 AM TYLIN\Wang



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**

DRAWN BY  
**DYLAN WILEY**

CHECKED BY  
**ROB BARTON**

IN CHARGE  
**STEVE SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
ROADWAY STRUCTURES  
AVENUE L OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
HSR13-44

DRAWING NO.  
ST-K1045

SCALE  
AS SHOWN

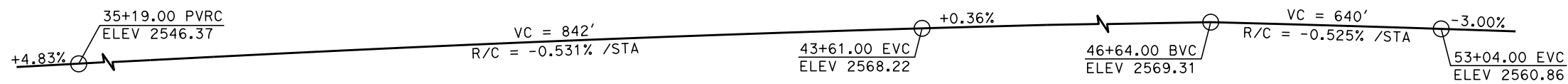
SHEET NO.

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11:15:05 AM

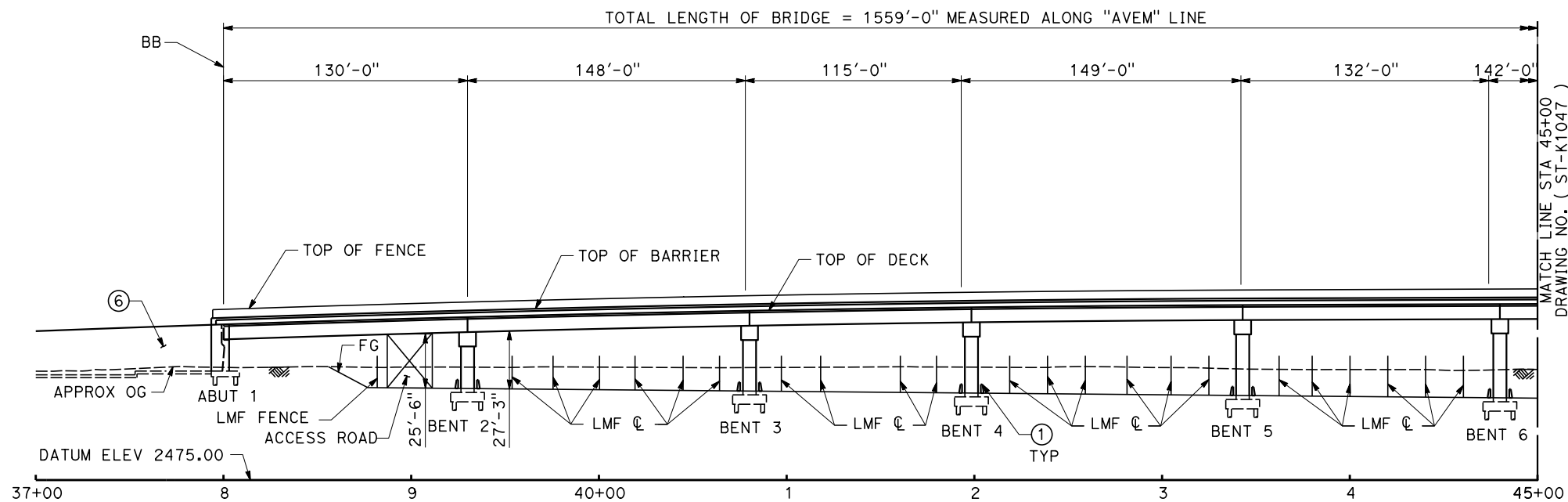
10/30/2017

TYL\Y.Wang



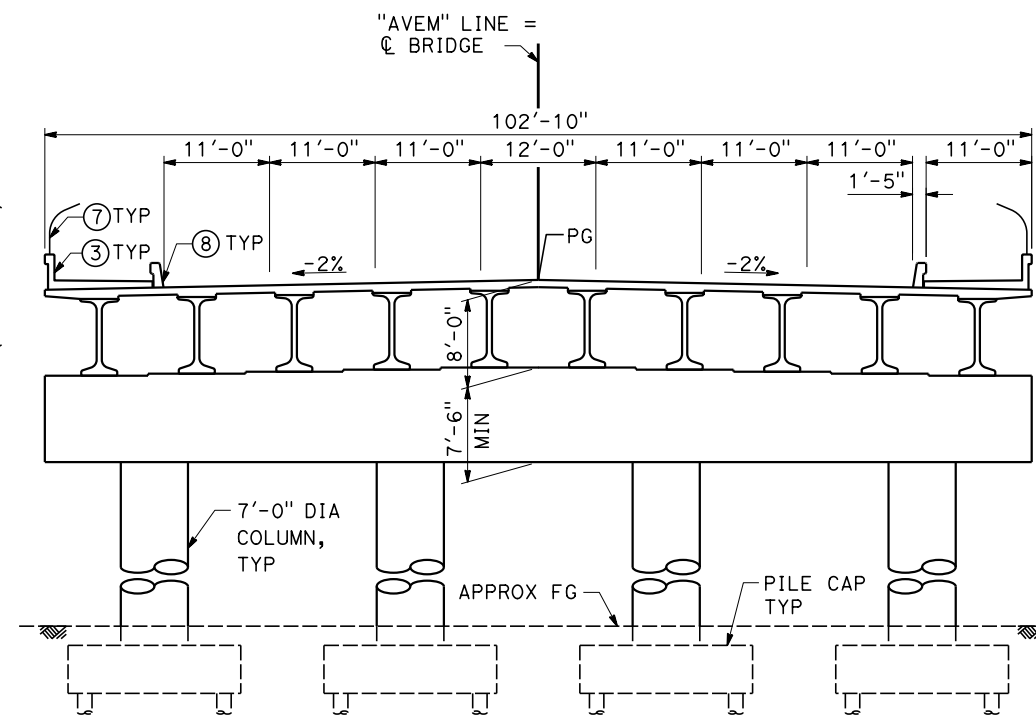
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NO SCALE



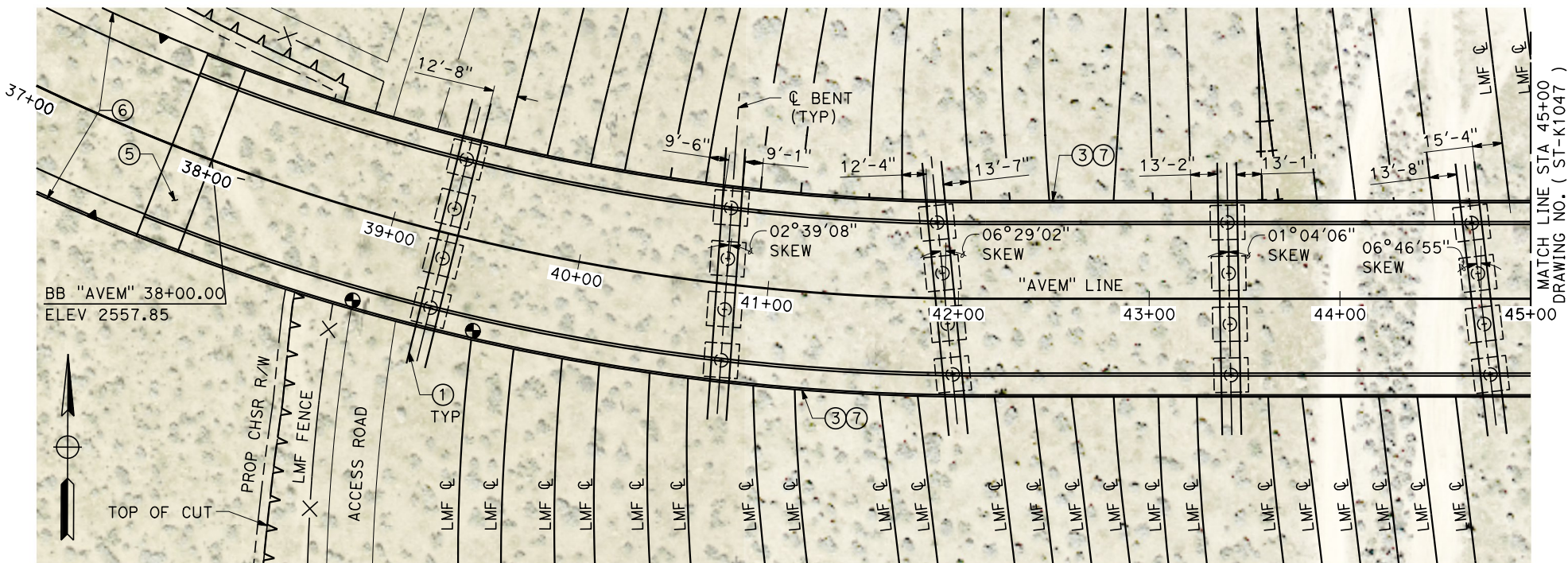
**ELEVATION**

SCALE: 1"=40'



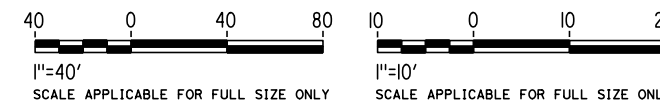
**TYPICAL SECTION**

NO SCALE



**PLAN**

SCALE: 1"=40'

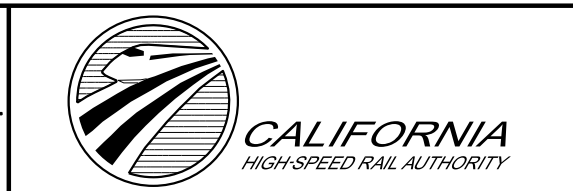


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

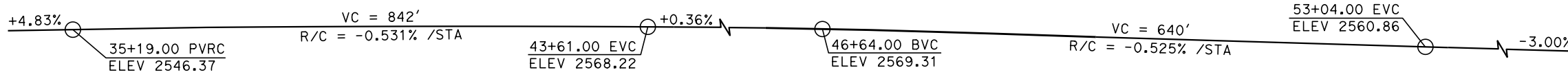


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**

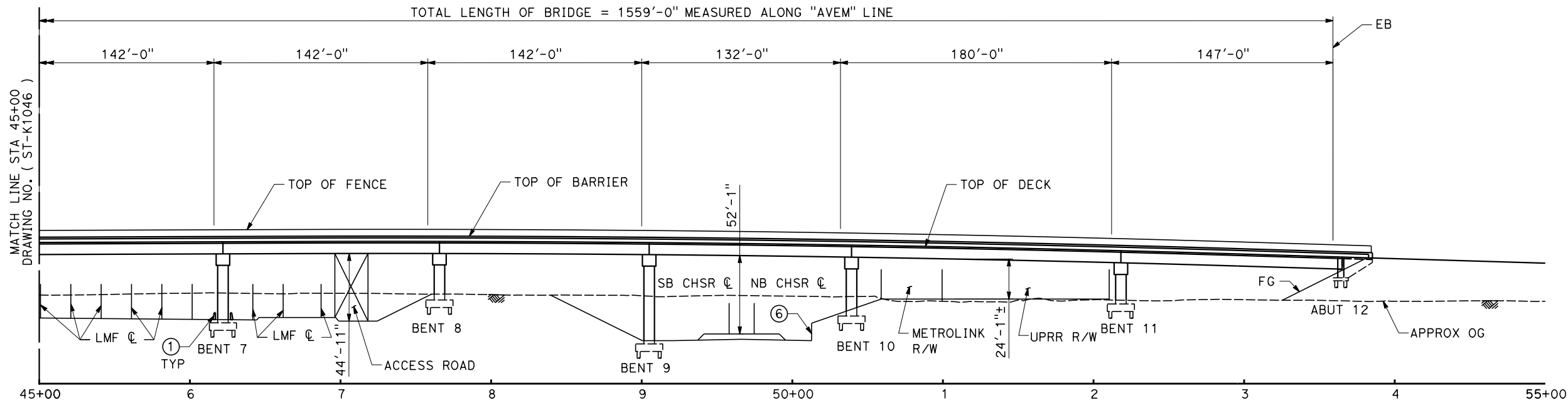
ALTERNATIVE 5  
ROADWAY STRUCTURES  
AVENUE M OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**  
DRAWING NO.  
**ST-K1046**  
SCALE  
**AS SHOWN**  
SHEET NO.

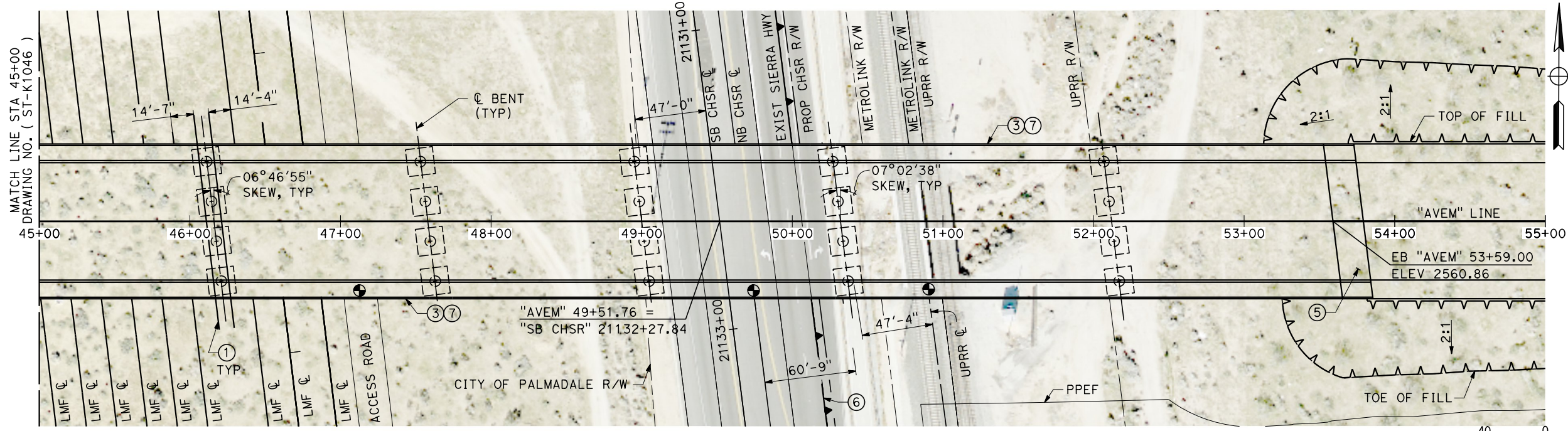




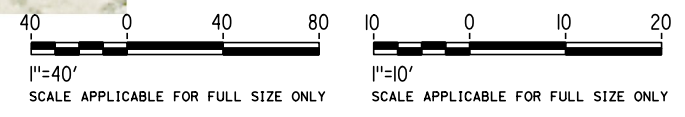
**PROFILE GRADE**  
NO SCALE



**ELEVATION**  
SCALE 1" = 40'



**PLAN**  
SCALE 1" = 40'



Projects\701206\_00\_CHSRBP\00\_CADD\Sheet\_Files\ST\BP-ST-K1047.dgn

11:14:02 AM

10/30/2017

TYLW

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**DYLAN WILEY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
ROADWAY STRUCTURES  
AVENUE M OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**

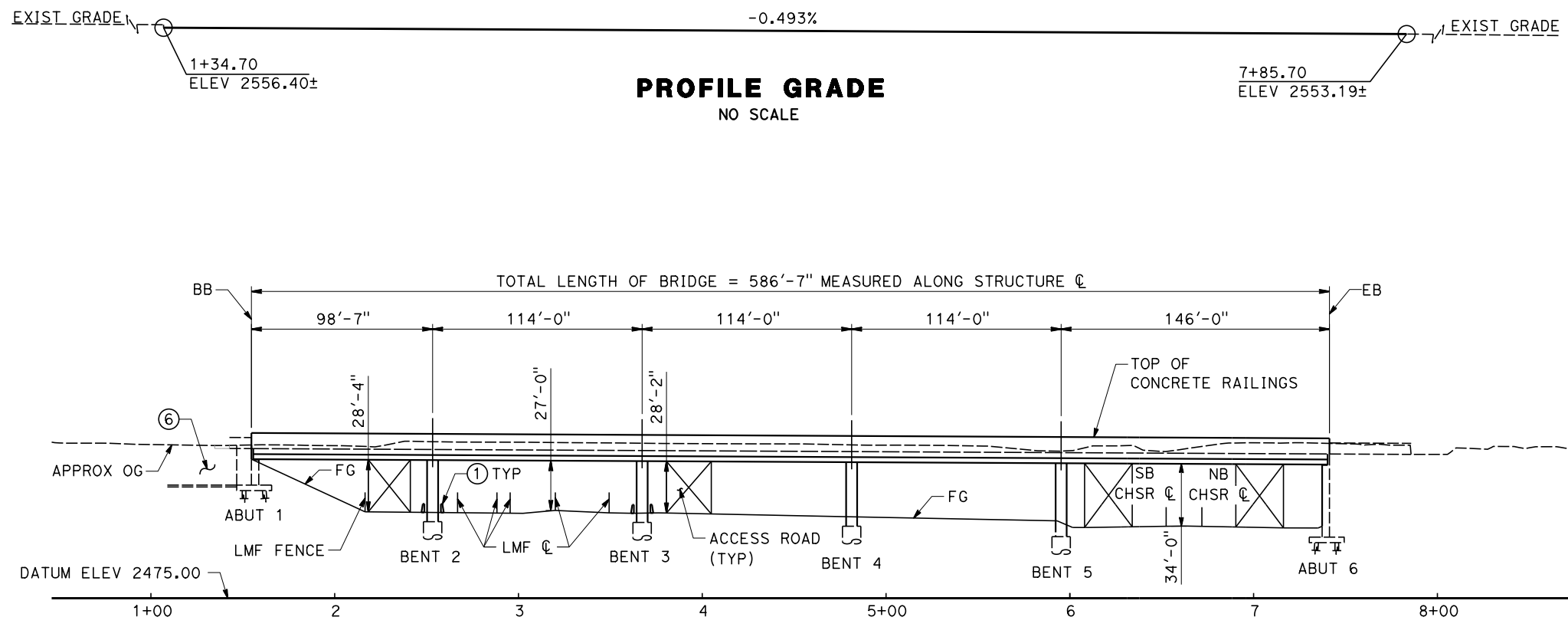
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**ST-K1047**

SCALE  
**AS SHOWN**

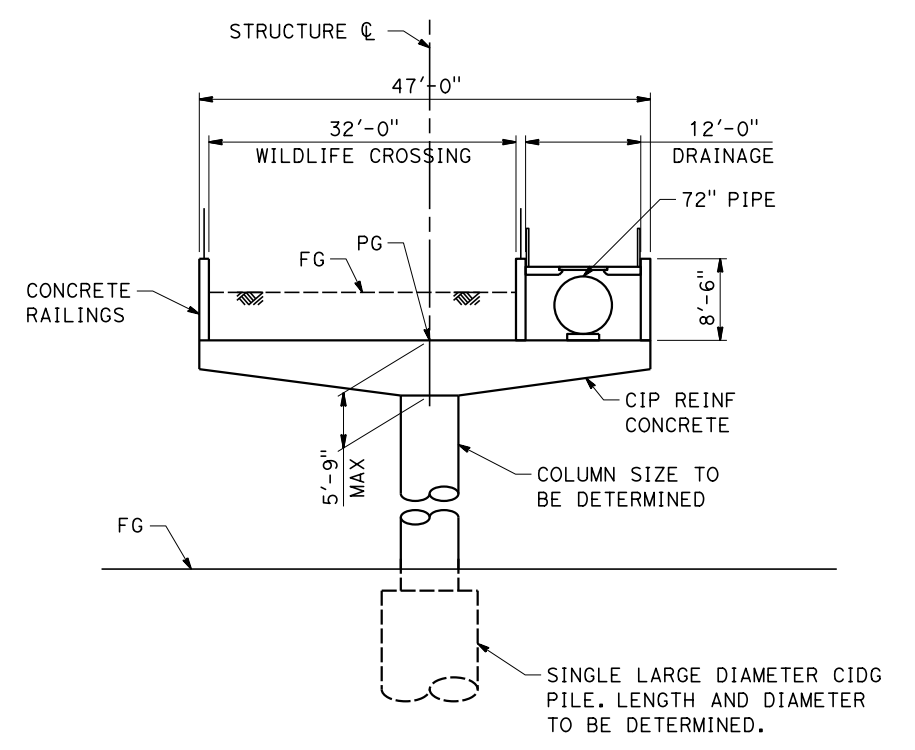
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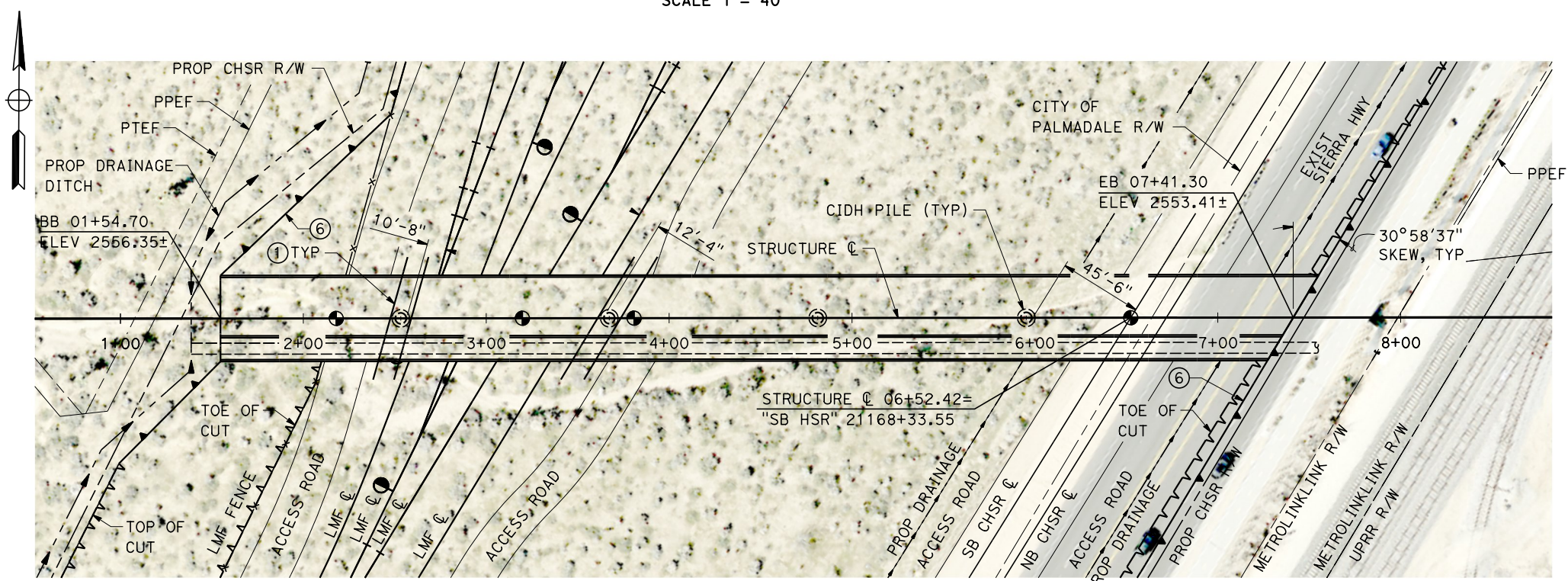
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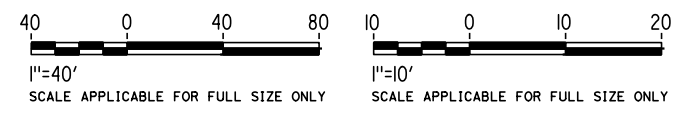
**ELEVATION**  
SCALE 1" = 40'



**TYPICAL SECTION**  
SCALE 1" = 10'



**PLAN**  
SCALE 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**EMIR MODARRES**  
DRAWN BY  
**KEVIN BERRY**  
CHECKED BY  
**ROBERT BARTON**  
IN CHARGE  
**STEVE SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD  
SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 5  
ROADWAY STRUCTURES  
DRAINAGE AND WILDLIFE CROSSING OVERHEAD  
PLAN AND ELEVATION

CONTRACT NO.  
**HSR13-44**

DRAWING NO.  
**ST-K1048**

SCALE  
**AS SHOWN**

SHEET NO.



