

California High-Speed Rail Authority

Fresno to Bakersfield Section

Draft Supplemental
Environmental Impact Report / Environmental Impact Statement

Volume III:
HSR Elevated Structures Plans

March 2017

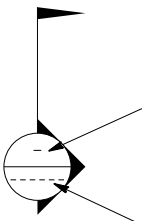


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LEGEND



SECTION NUMBER

DRAWING NUMBER



NORTH ARROW

HSR	HIGH-SPEED RAIL
CIP	CAST IN PLACE
PC	PRECAST
P/S	PRESTRESSED
CIDH	CAST-IN-DRILLED HOLE
PPEF	PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT
PTEF	PROPOSED TEMPORARY ENVIRONMENTAL FOOTPRINT
CL	CENTERLINE
R	ROLLER BEARING
F	FIXED BEARING
BB	BEGIN BRIDGE
EB	END BRIDGE
NB	NORTHBOUND
SB	SOUTHBOUND
PROP	PROPOSED
ROW	RIGHT-OF-WAY
ELEV	ELEVATION
TYP	TYPICAL
TOF	TOP OF FOOTING
①	METAL BEAM GUARD RAIL
⊕	LOCATION OF MINIMUM VERTICAL CLEARANCE
▨	PLATFORM
□	PILE FOOTING
○	CIDH PILE



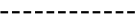
COLUMN



INDICATES DIRECTION OF TRAVEL



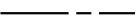
GUIDEWAY RIGHT OF WAY



GUIDEWAY EASEMENT



TOE/TOP OF FILL



PTEF



PPEF



RETAINING WALL

GENERAL NOTES

1. FOR UTILITIES, SEE UTILITIES PLAN. IN GENERAL UTILITIES IN CONFLICT WITH FOUNDATION WILL BE RELOCATED.
2. FOR DETAILS NOT NOTED ON PLAN AN ELEVATION SHEETS, SEE TYPICAL SECTION SHEETS.
3. GRADE ELEVATIONS SHOWN ARE AT TOP OF RAIL.
4. ALL COLUMNS ARE NORMAL TO THE STATION LINE UNLESS OTHERWISE SHOWN.
5. REFER TO TRACK ALIGNMENT DRAWINGS FOR LAYOUT INFORMATION.
6. NOT ALL PILES ARE SHOWN.
7. PILE LENGTHS TO BE DETERMINED.
8. BEARINGS ARTICULATION FOR SIMPLE SPANS ARE FIXED-ROLLER AT OPPOSING SPAN ENDS UNLESS OTHERWISE NOTED.

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	N. METWASHLA
DRAWN BY	D. WILEY
CHECKED BY	S. DULOR
IN CHARGE	S. DULOR
DATE	10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL

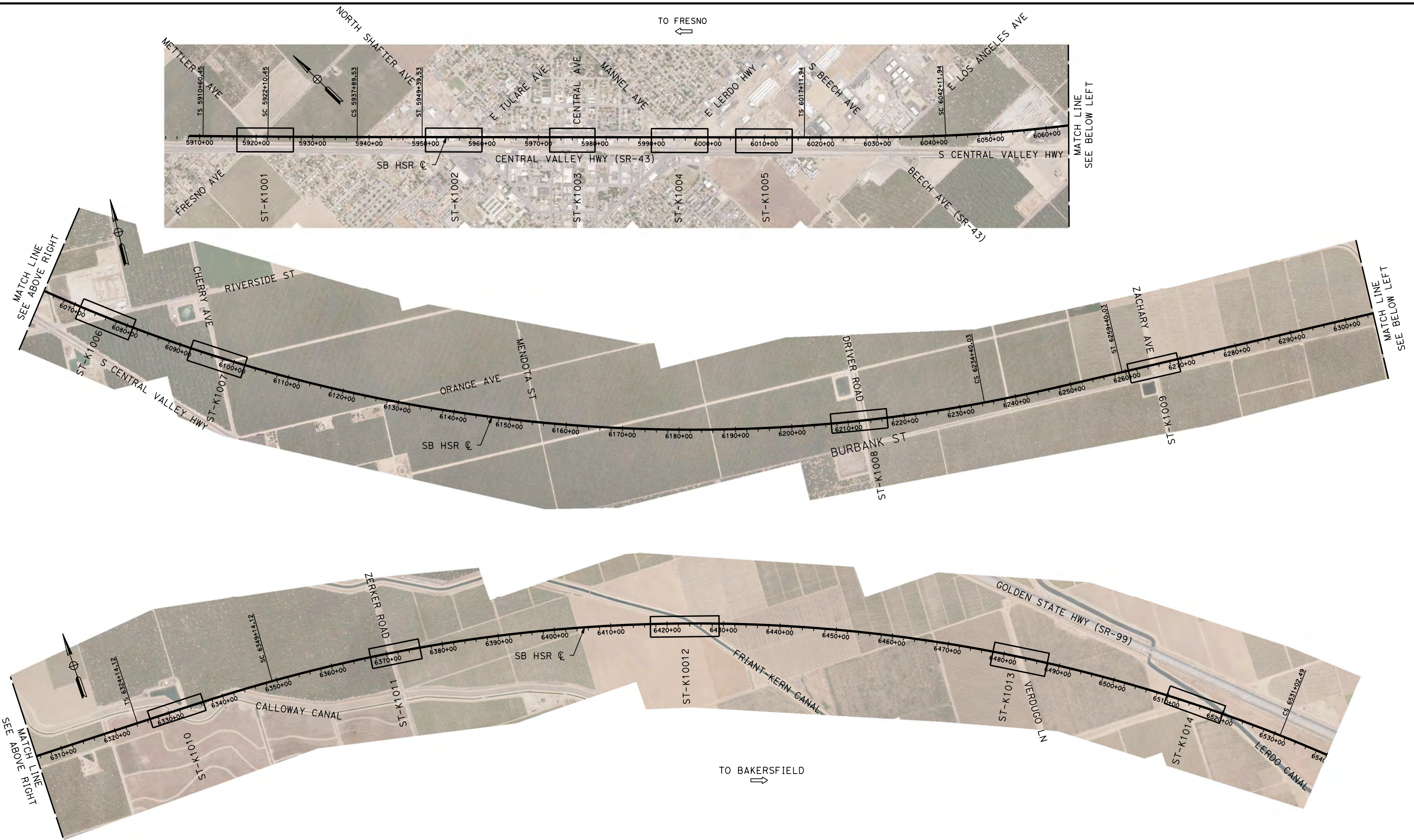


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
GENERAL NOTES AND LEGEND

CONTRACT NO.	HSR13-44
DRAWING NO.	ST-B0002
SCALE	AS SHOWN
SHEET NO.	

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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY D. WILEY
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DATE 02/06/17

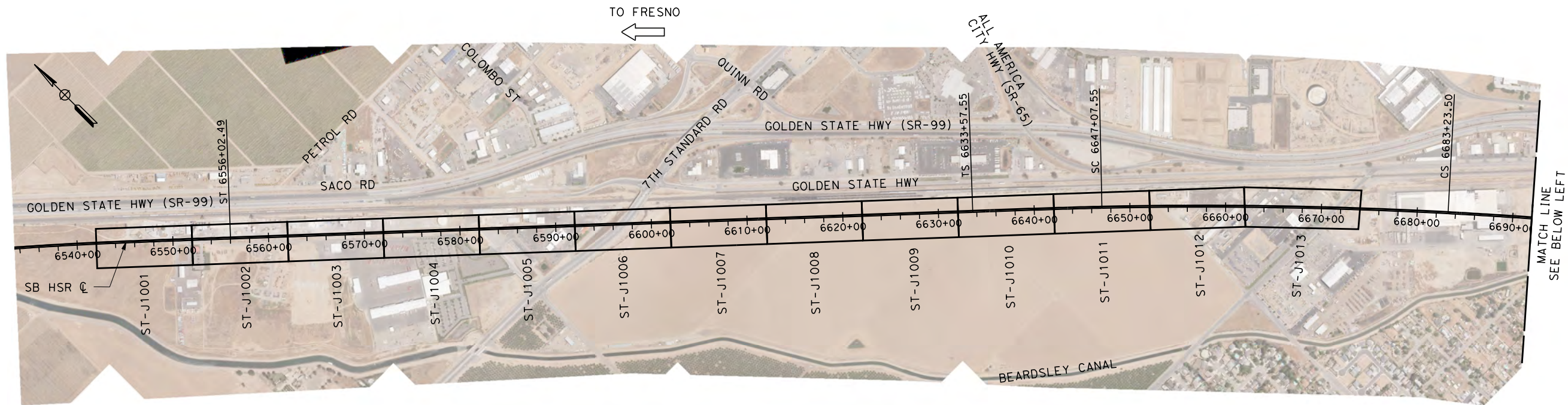
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PEPD DESIGN
SUBMISSION



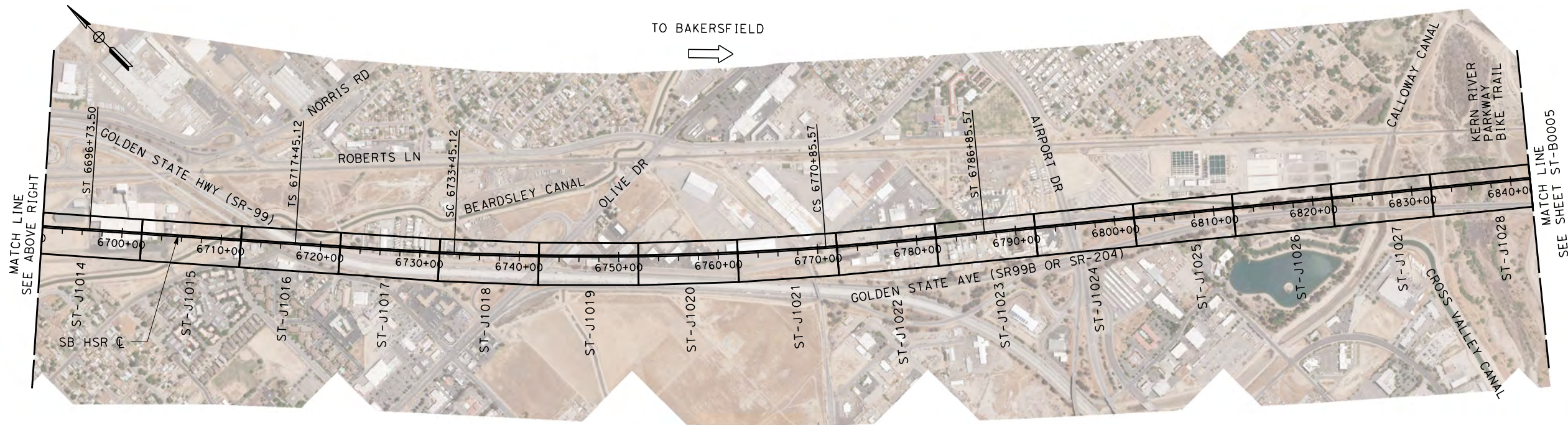
CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
KEY MAP
SHEET 1 OF 3

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

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COFFEE RD HST VIADUCT



BAKERSFIELD HST VIADUCT

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
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IN CHARGE S. DULOR
DATE 10/28/16

RECORD SET
PEPD DESIGN
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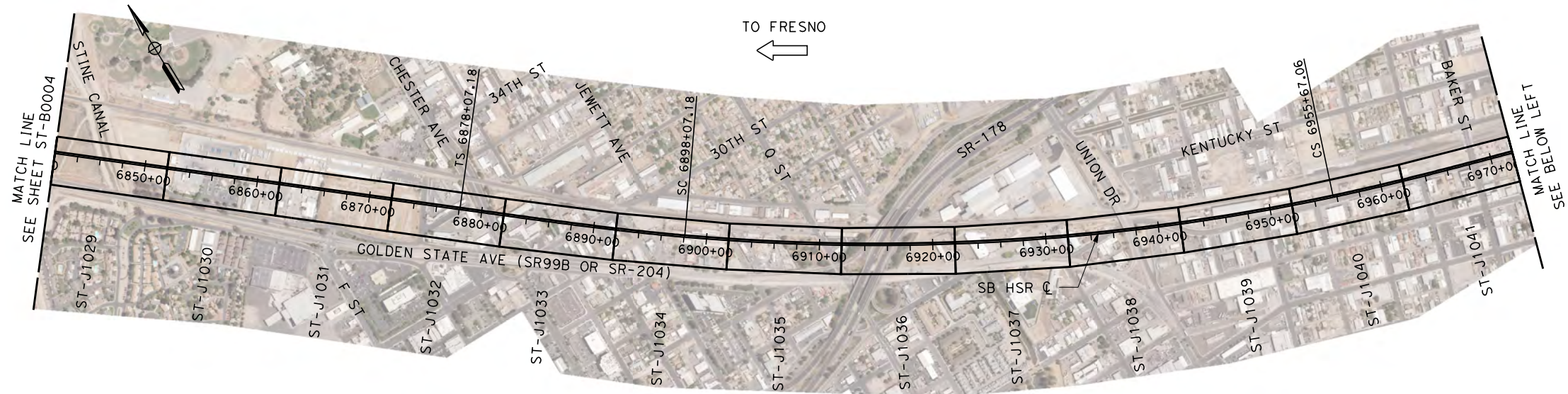
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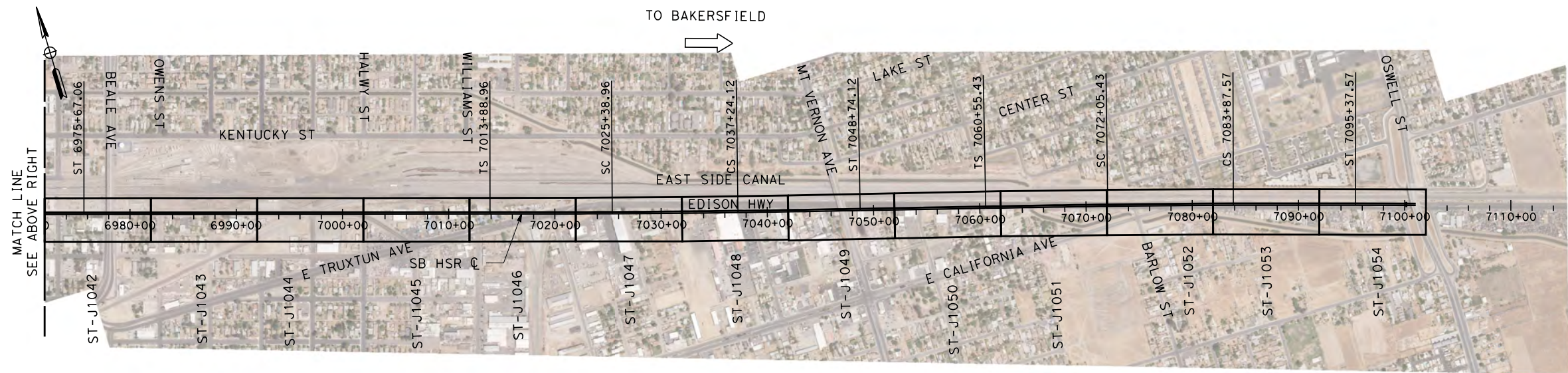
CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
KEY MAP
SHEET 2 OF 3

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

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BAKERSFIELD HST VIADUCT



BAKERSFIELD HST VIADUCT

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

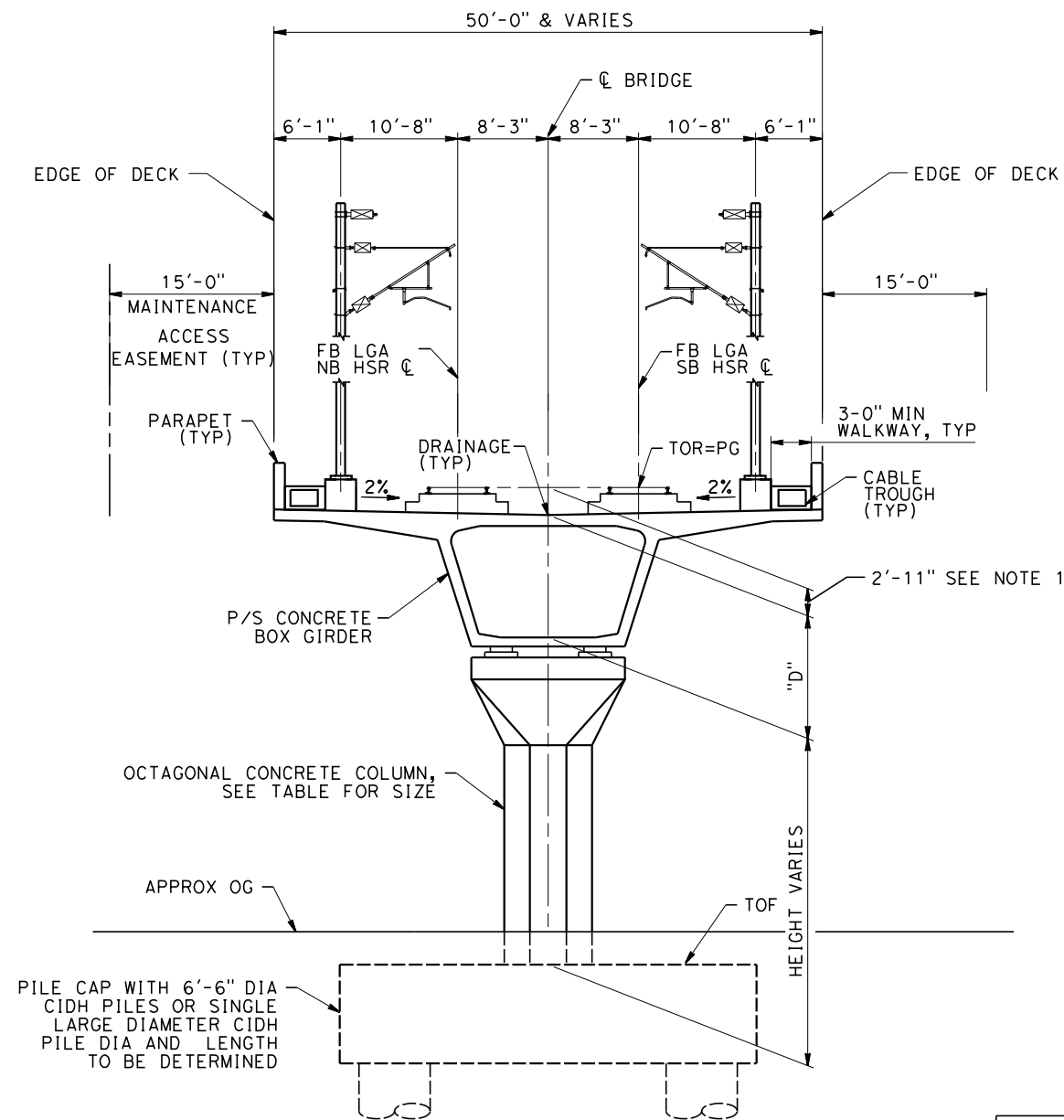
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CALIFORNIA HIGH-SPEED RAIL PROJECT FRESNO TO BAKERSFIELD LOCALLY GENERATED ALTERNATIVE KEY MAP SHEET 3 OF 3

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

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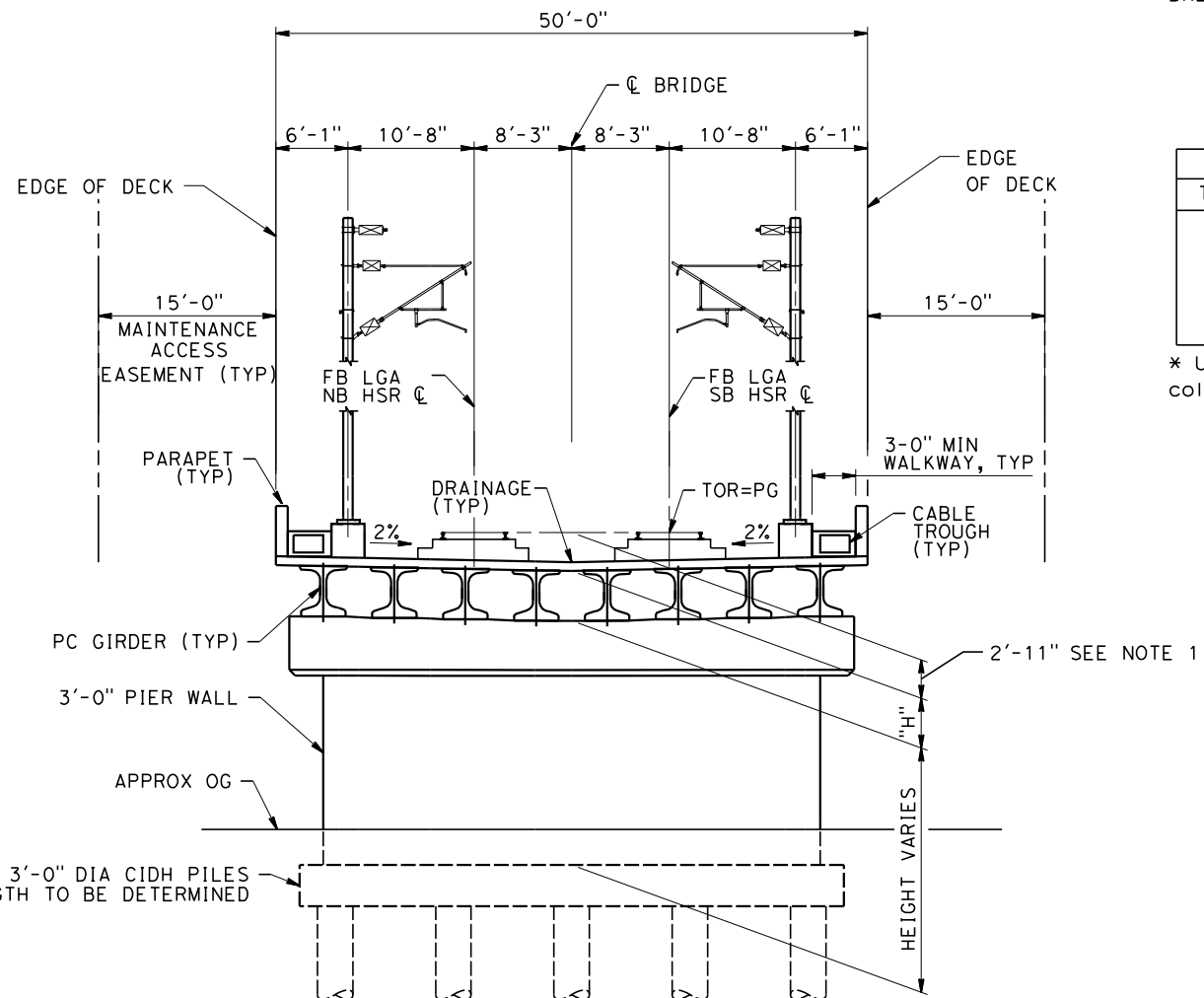


SECTION A

SCALE: 1 1/2"=1'-0"

STATION 5919+82 TO 5922+02	STATION 6770+00 TO 6780+00
STATION 5953+57 TO 5954+75	STATION 6784+40 TO 6792+80
STATION 5975+89 TO 5977+07	STATION 6798+00 TO 6801+30
STATION 5992+48 TO 5996+82	STATION 6801+40 TO 6823+75
STATION 6009+51 TO 6012+01	STATION 6884+75 TO 6914+50
STATION 6074+55 TO 6078+15	STATION 6918+40 TO 6935+50
STATION 6096+42 TO 6098+12	STATION 6940+90 TO 6944+80
STATION 6421+39 TO 6422+59	STATION 6951+25 TO 6953+35
STATION 6425+89 TO 6427+09	STATION 6954+50 TO 6967+35
STATION 6545+00 TO 6673+25	STATION 6969+40 TO 6977+20
STATION 6700+60 TO 6707+30	STATION 6979+00 TO 6994+40
STATION 6712+70 TO 6713+50	STATION 7002+15 TO 7018+30
STATION 6726+40 TO 6740+50	STATION 7020+80 TO 7063+90
STATION 6746+70 TO 6766+25	STATION 7070+90 TO 7101+00

PILE CAP WITH 3'-0" DIA CIDH PILES
DIA AND LENGTH TO BE DETERMINED



SECTION B

SCALE: 1 1/2"=1'-0"

STATION 6211+53 TO 6212+73
STATION 6264+77 TO 6265+97
STATION 6370+55 TO 6371+75

NOTE:

1. DIRECT FIXATION TRACK IS SHOWN, HOWEVER 2'-11" ACCOUNTS FOR EITHER DIRECT FIXATION OR BALLASTED TRACK CONFIGURATION.

COLUMN SIZE	
TOF TO SOFFIT	SIZE
0-29'	8'
30-40'	10'
40-65'	12'
65-70'	15'

* Use pile cap with 15' dia columns

STRUCTURE DEPTH	
LOCATION	"H"
DRIVER RD HST UP	5'-0"
ZACHARY RD HST UP	5'-0"
ZERKER RD HST UP	5'-0"

STRUCTURE DEPTH	
LOCATION	"D"
FRESNO AVE HST UP	9'-0"
SHAFTER AVE HST UP	12'-0"
CENTRAL AVE HST UP	12'-0"
E LERDO HWY HST UP	9'-0"
INDUSTRY SPUR HST UP	9'-0"
RIVERSIDE ST HST UP	9'-0"
CHERRY AVE HST UP	9'-0"
COFFEE RD HST VIADUCT	10'-0"
BAKERSFIELD HST VIADUCT	AND VARIES
	12'-0"
	AND VARIES

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
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IN CHARGE S. DULOR
DATE 10/28/16

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SUBMISSION**

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CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
TYPICAL SECTION
SHEET 1 OF 9

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

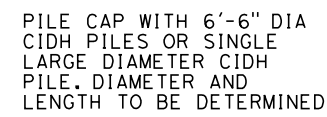
1. FOR VARIABLE DEPTH SEE SHEET
ST-B0012



STATION 6421+40 TO 6422+60	STATION 6940+90
STATION 6425+90 TO 6427+10	STATION 6953+35 TO 6954+50
STATION 6780+00 TO 6784+40	STATION 6967+35 TO 6969+40
STATION 6798+00	STATION 6977+20 TO 6979+00
STATION 6801+30	STATION 7000+80 TO 7002+15
STATION 6935+50	STATION 7018+30 TO 7020+80
	STATION 7068+20 TO 7070+90

COLUMN SIZE		
TOF	TO SOFFIT	SIZE
	0-29'	8'
	30-40'	10'
	40-65'	12'
	65-70'	15'

* Use pile cap with 15' dia columns



SCALE: $1\frac{1}{2}''=1'-0''$

YL 920+50 TO YL 923+60

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DESIGNED BY	N. METWASHLA
DRAWN BY	D. WILEY
CHECKED BY	S. DULOR
IN CHARGE	S. DULOR
DATE	10/28/16

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PEPD DESIGN
SUBMISSION**

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CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
 LOCALLY GENERATED ALTERNATIVE
 TYPICAL SECTION
 SHEET 2 OF 9

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

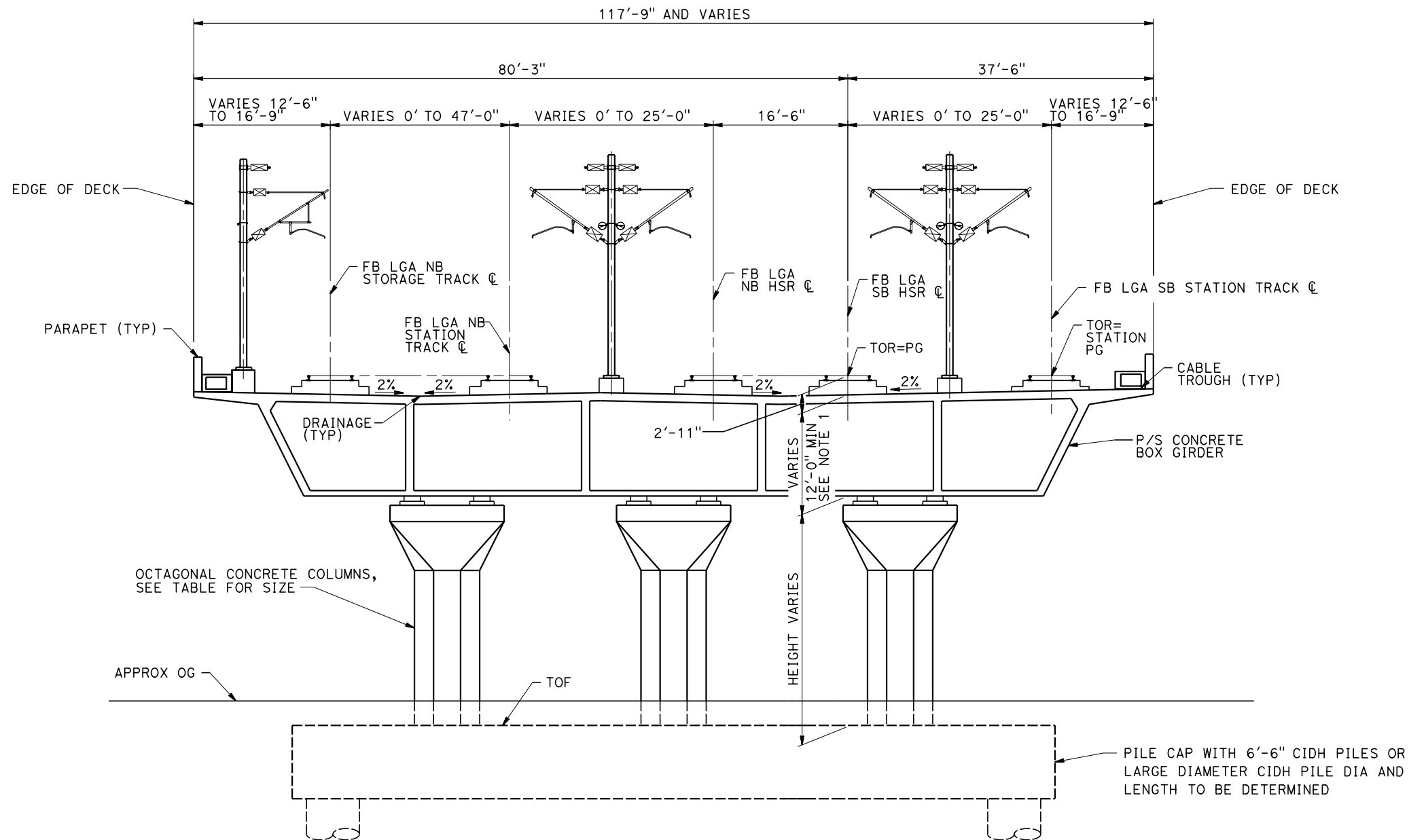
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NOTE:

1. FOR VARIABLE DEPTH SEE SHEET ST-B0012

COLUMN SIZE	
TOF TO SOFFIT	SIZE
0-29'	8'
30-40'	10'
40-65'	12'
65-70'	15'

* Use pile cap with 15' dia columns

SECTION D

SCALE: 1 1/2"=1'-0"

STATION 6825+00 TO 6845+30
STATION 6863+00 TO 6872+65 *

* NOTE: STORAGE TRACK ON SB
SIDE FOR THIS STATION RANGE

REV	DATE	BY	CHK	APP	DESCRIPTION

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IN CHARGE S. DULOR
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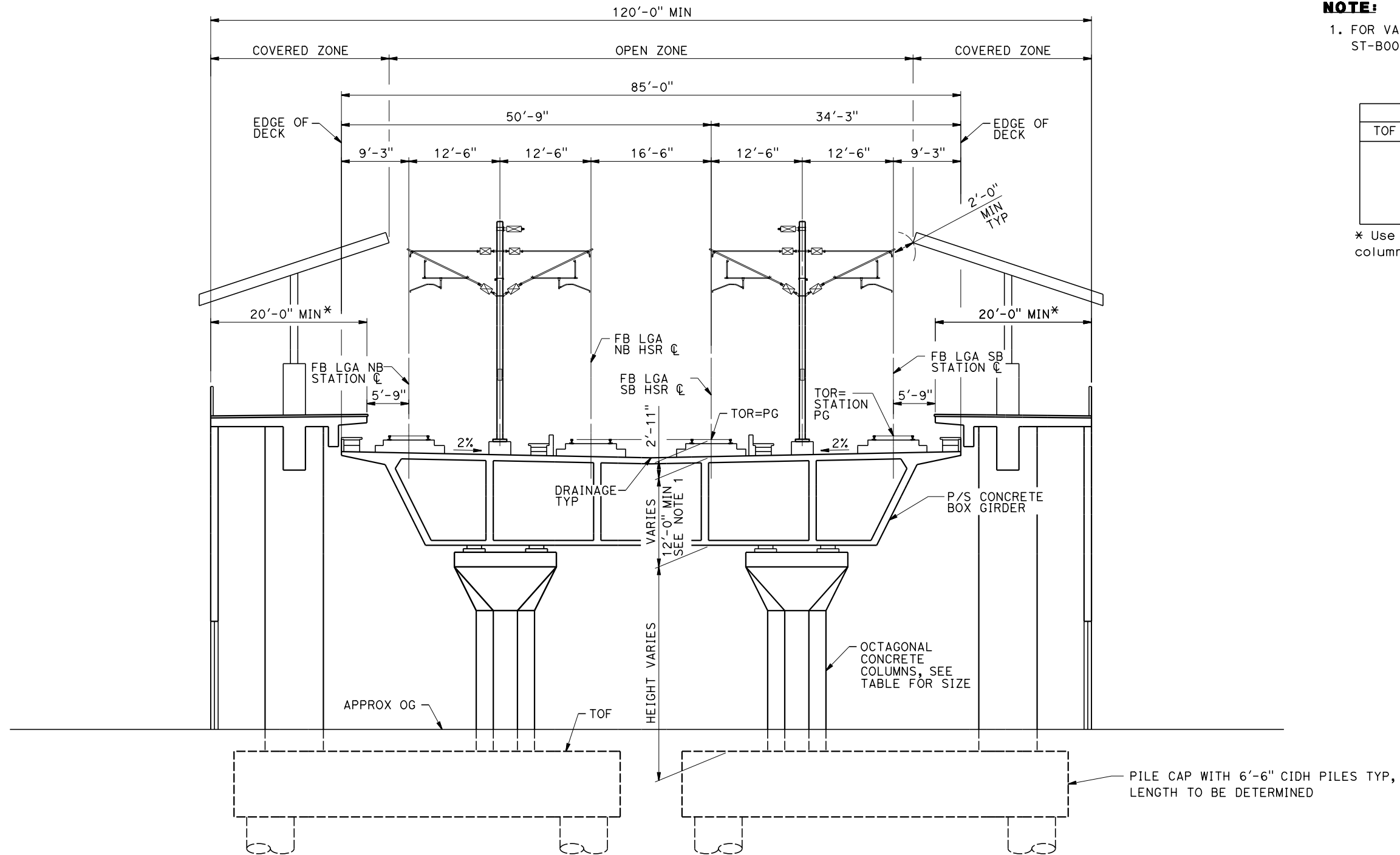


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
TYPICAL SECTION
SHEET 3 OF 9

CONTRACT NO. HSR13-44
DRAWING NO. ST-B0008
SCALE AS SHOWN
SHEET NO.

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NOTE:
1. FOR VARIABLE DEPTH SEE SHEET
ST-B0012

COLUMN SIZE	
TOF TO SOFFIT	SIZE
0-29'	8'
30-40'	10'
40-65'	12'
65-70'	15'

* Use pile cap with 15' dia
columns

SECTION E

SCALE: 1 1/2"=1'-0"

*20'-0" MIN AND VARIES
SEE STATION PLANS FOR DETAILS

STATION 6848+90 TO 6863+00

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
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IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

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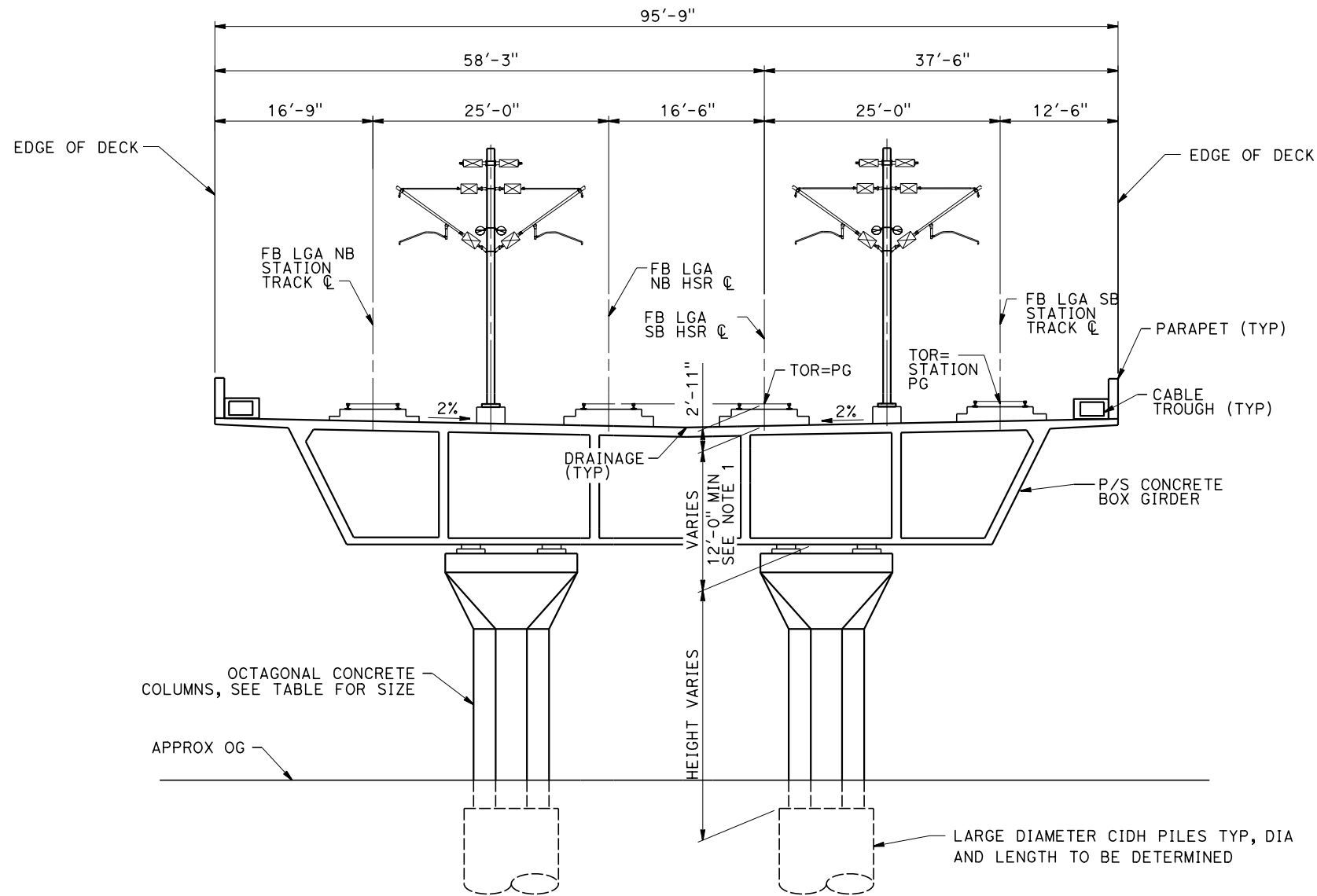


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
TYPICAL SECTION
SHEET 4 OF 9

CONTRACT NO. HSR13-44
DRAWING NO. ST-B0009
SCALE AS SHOWN
SHEET NO.

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SECTION F

SCALE: 1 1/2"=1'-0"

STATION 6845+30 TO 6848+90

NOTE:

1. FOR VARIABLE DEPTH SEE SHEET ST-B0012

COLUMN SIZE	
TOF TO SOFFIT	SIZE
0-29'	8'
30-40'	10'
40-65'	12'
65-70'	15'

* Use pile cap with 15' dia columns

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

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SUBMISSION**

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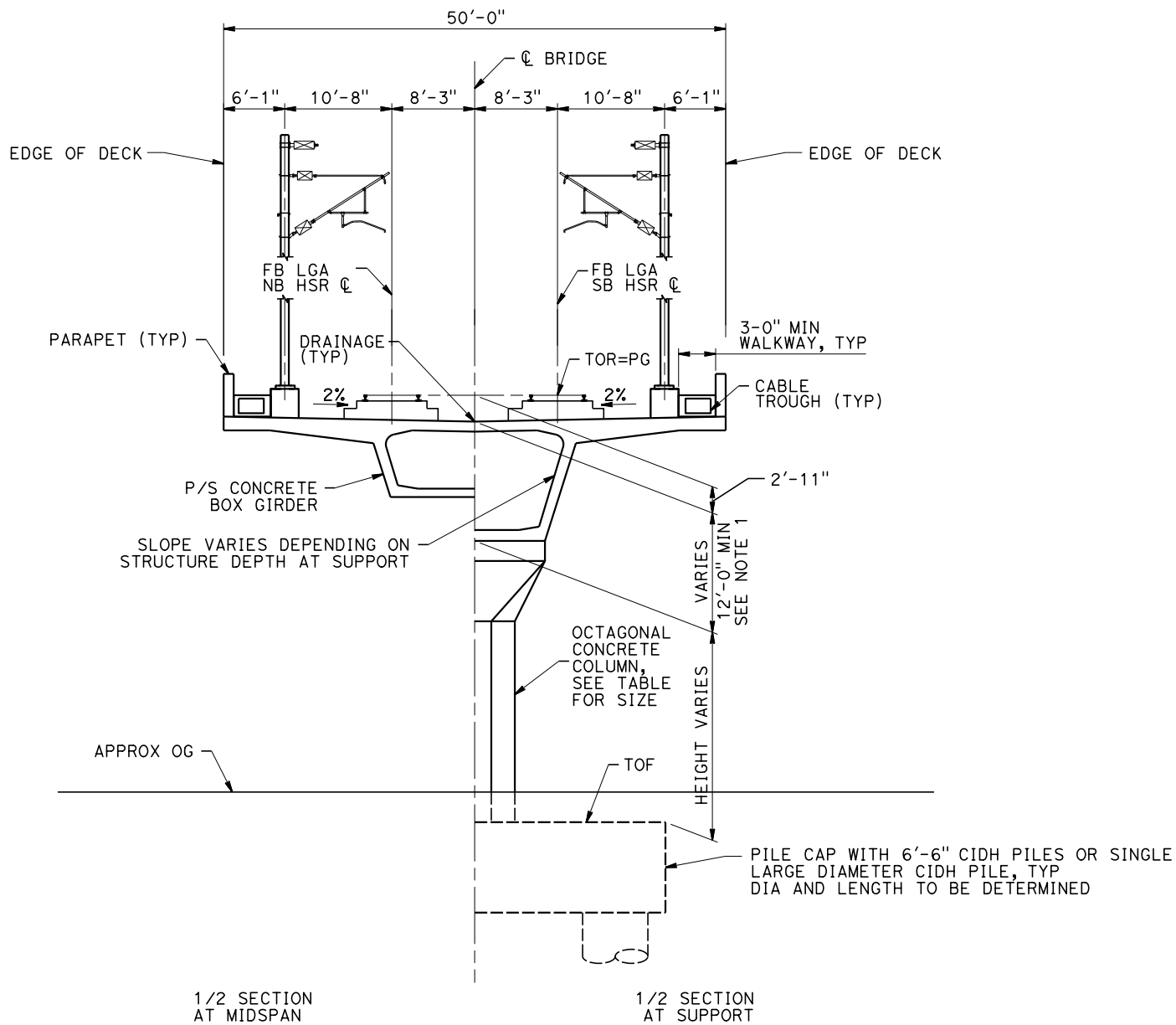


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
TYPICAL SECTION
SHEET 5 OF 9

CONTRACT NO. HSR13-44
DRAWING NO. ST-B0010
SCALE AS SHOWN
SHEET NO.

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SECTION G

SCALE: 1 1/2"=1'-0"

STATION 6707+30 TO 6712+70
STATION 6721+20 TO 6726+40
STATION 6740+50 TO 6746+70
STATION 6766+25 TO 6770+00
STATION 6792+80 TO 6798+00

STATION 6914+50 TO 6918+40
STATION 6935+50 TO 6940+90
STATION 6944+80 TO 6951+25
STATION 6994+40 TO 7000+80
STATION 7063+90 TO 7068+20

NOTE:

1. FOR VARIABLE DEPTH SEE SHEET ST-B0012

COLUMN SIZE	
TOF TO SOFFIT	SIZE
0-29'	8'
30-40'	10'
40-65'	12'
65-70'	15'

* Use pile cap with 15' dia columns

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

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SUBMISSION**

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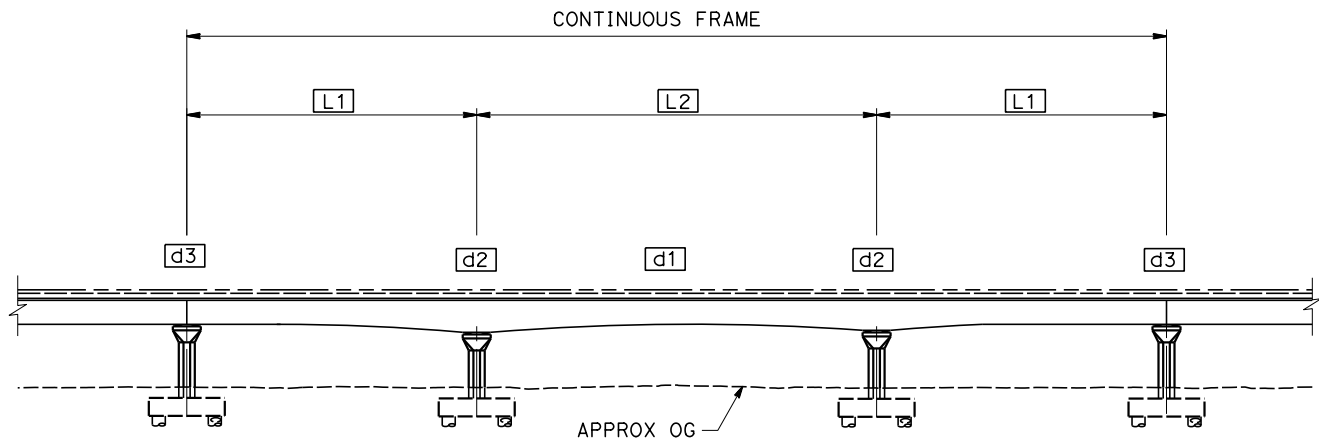


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
TYPICAL SECTION
SHEET 6 OF 9

CONTRACT NO. HSR13-44
DRAWING NO. ST-B0011
SCALE AS SHOWN
SHEET NO.

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VARIABLE DEPTH FRAME WHERE APPLICABLE

SCALE: 1/4"=1'-0"

d1 = MAX(L2/20, 12'-0")
d2 = L2/12
d3 = 12'-0"

REV	DATE	BY	CHK	APP	DESCRIPTION

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IN CHARGE S. DULOR
DATE 10/28/16

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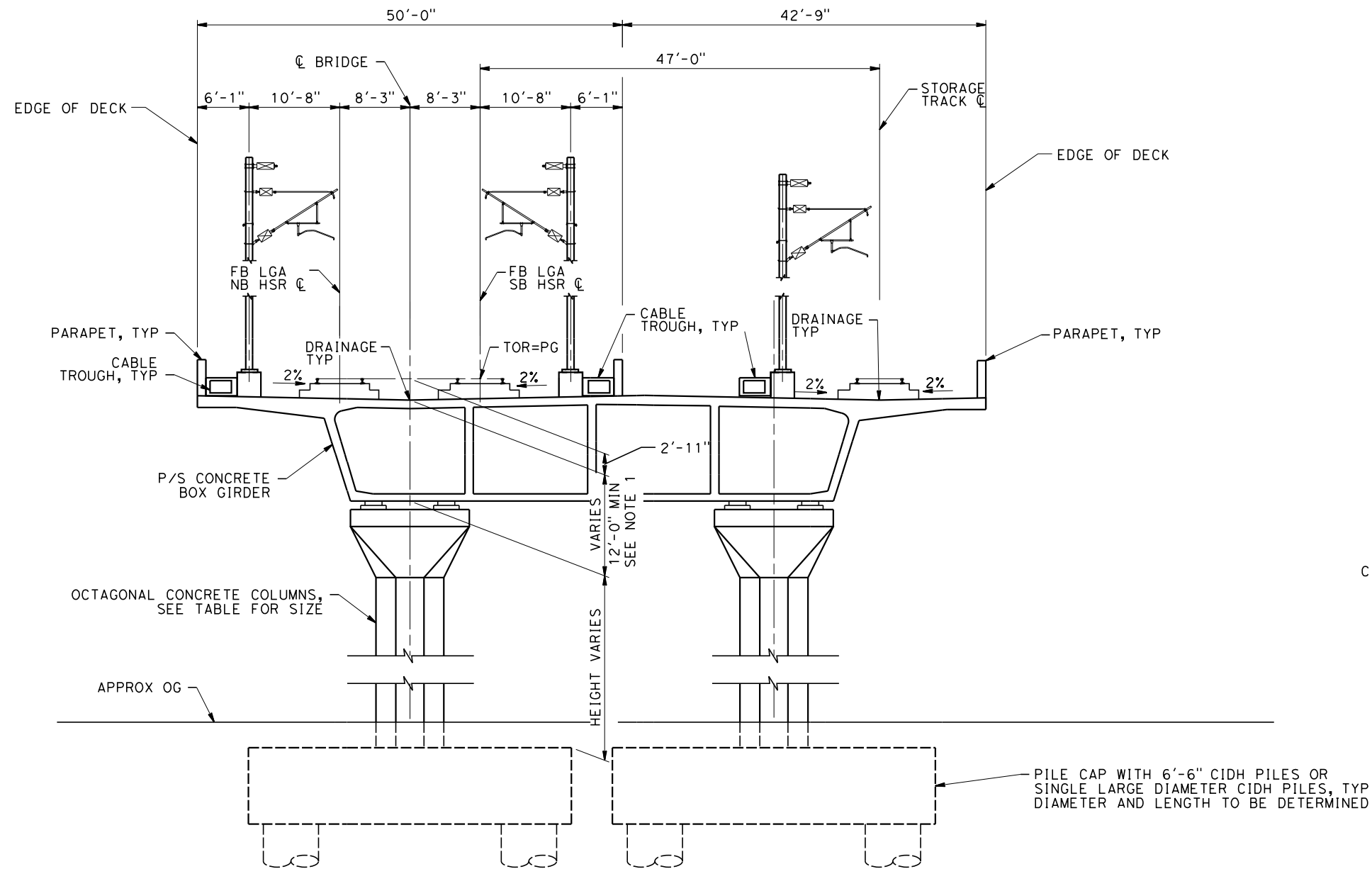
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
TYPICAL SECTION
SHEET 7 OF 9

CONTRACT NO. HSR13-44
DRAWING NO. ST-B0012
SCALE AS SHOWN
SHEET NO.

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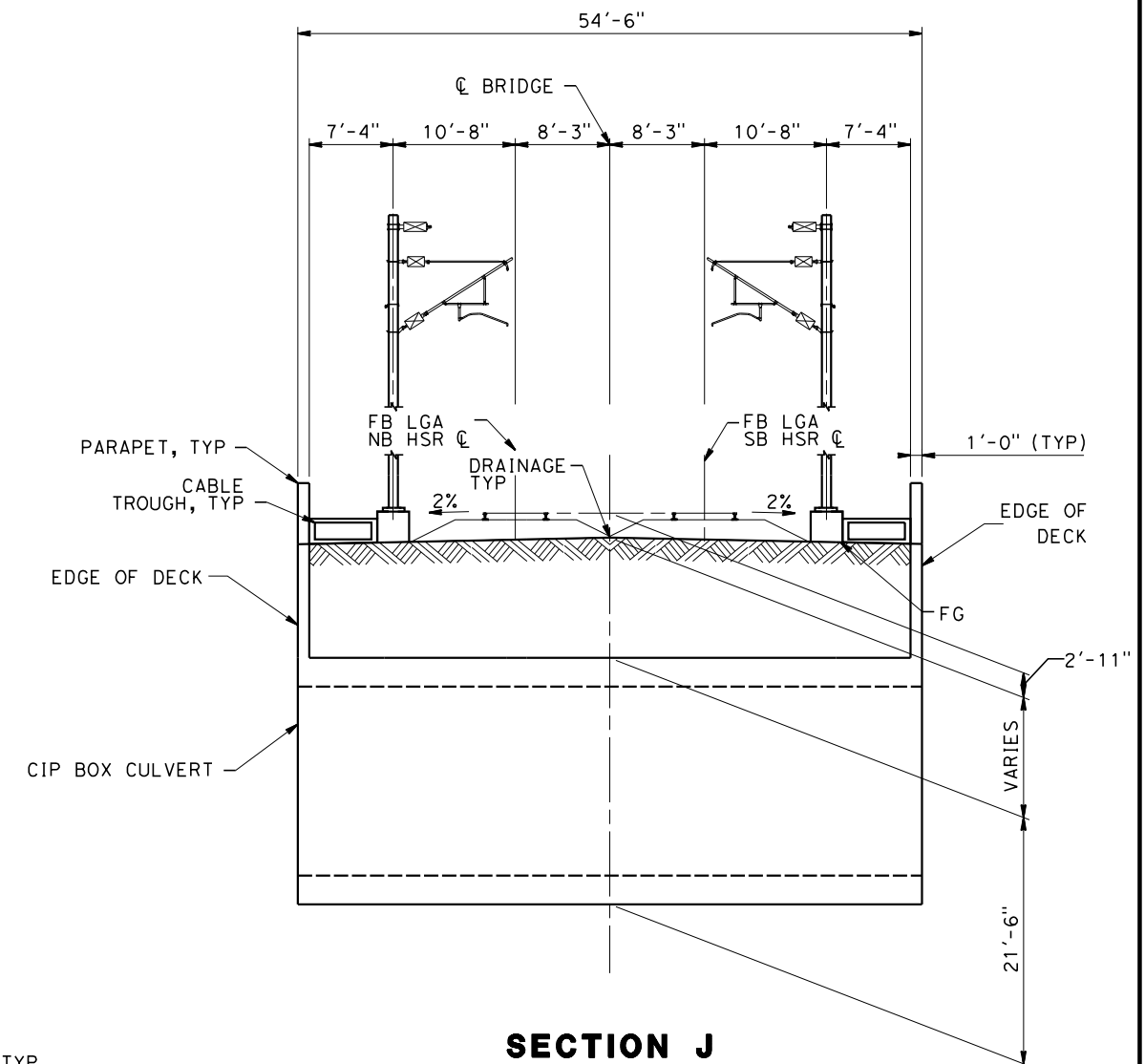
SECTION I
SCALE: 1 1/2"=1'-0"

STATION 6872+65 TO 6884+75

COLUMN SIZE	
TOF TO SOFFIT	SIZE
0-29'	8'
30-40'	10'
40-65'	12'
65-70'	15'

NOTE:
1. FOR VARIABLE DEPTH SEE SHEET ST-B0012

* Use pile cap with 15' dia columns



SECTION J
SCALE: 1 1/2"=1'-0"

STATION 6482+80 TO 6483+30

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

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SUBMISSION**

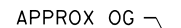
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CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6842+00 TO 6852+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-B0013
SCALE AS SHOWN
SHEET NO.



SCALE: $1\frac{1}{2}''=1'-0''$

STATION 6329+45 TO 6332+74
STATION 6422+59 TO 6425+89
STATION 6513+95 TO 6517+25
STATION 6714+60 TO 6721+20



SCALE: $1\frac{1}{2}''=1'-0''$

NOTE:

1. DIRECT FIXATION TRACK IS SHOWN, HOWEVER 2'-11" ACCOUNTS FOR EITHER DIRECT FIXATION OR BALLASTED TRACK CONFIGURATION.

COLUMN SIZE	
TOF TO SOFFIT	SIZE
0-29'	8'
30-40'	10'
40-65'	12'
65-70'	15'

* Use pile cap with 15' dia columns

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	N. METWASHLA
DRAWN BY	D. WILEY
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IN CHARGE	S. DULOR
DATE	10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

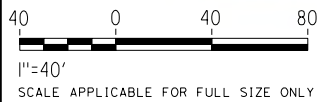
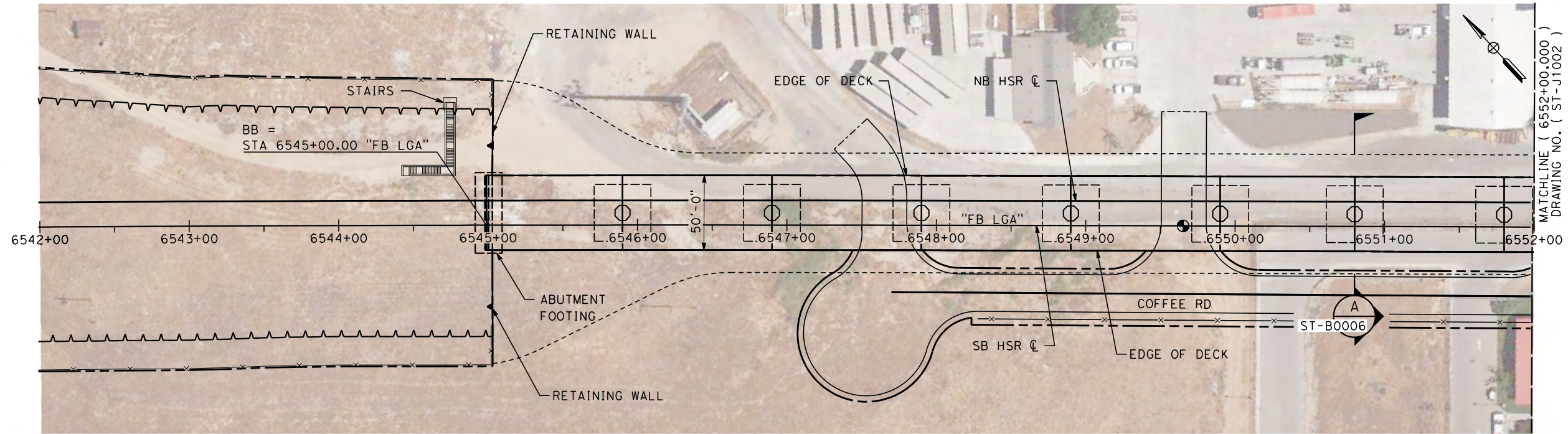
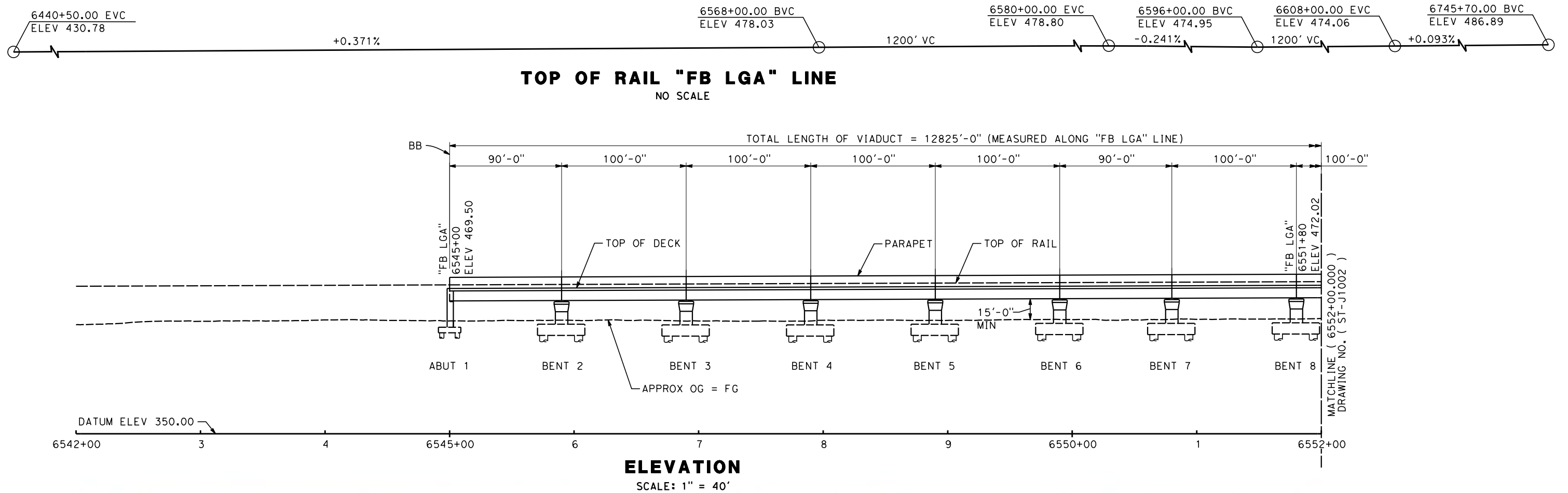
TY·LIN INTERNATIONAL



CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
 LOCALLY GENERATED ALTERNATIVE
 TYPICAL SECTION
 SHEET 9 OF 9

CONTRACT NO.	HSR13-44
DRAWING NO.	ST-B0014
SCALE	AS SHOWN
SHEET NO.	

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PLAN
SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
D. WILEY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

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CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
COFFEE RD HST VIADUCT
STATION 6545+00 TO 6552+00
PLAN AND ELEVATION

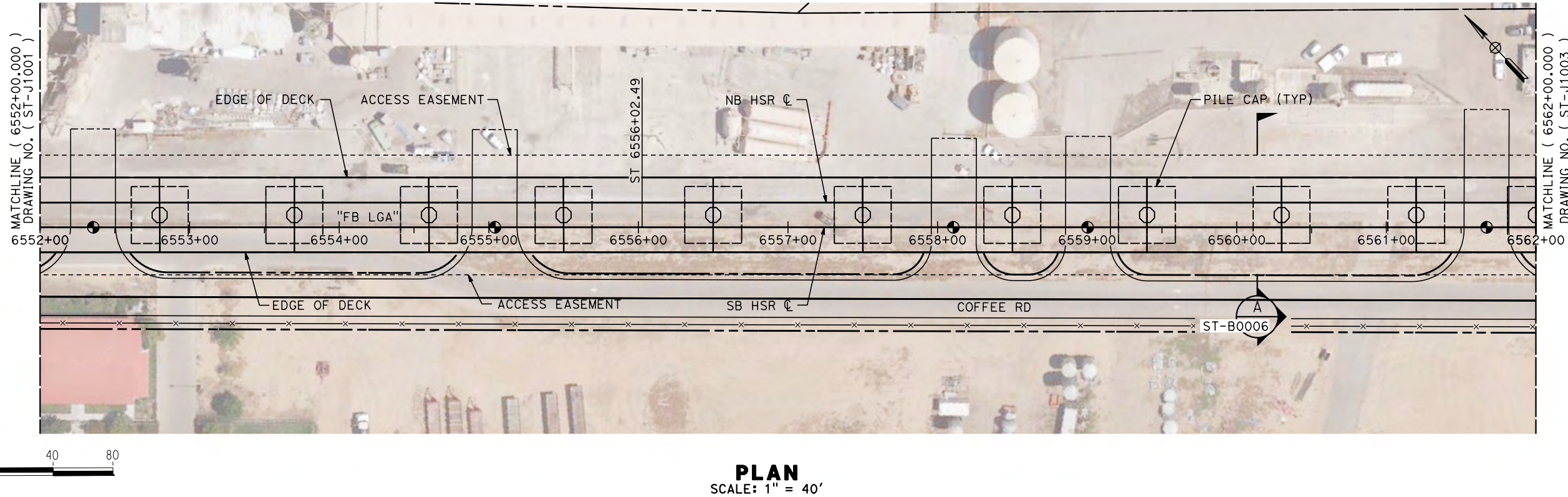
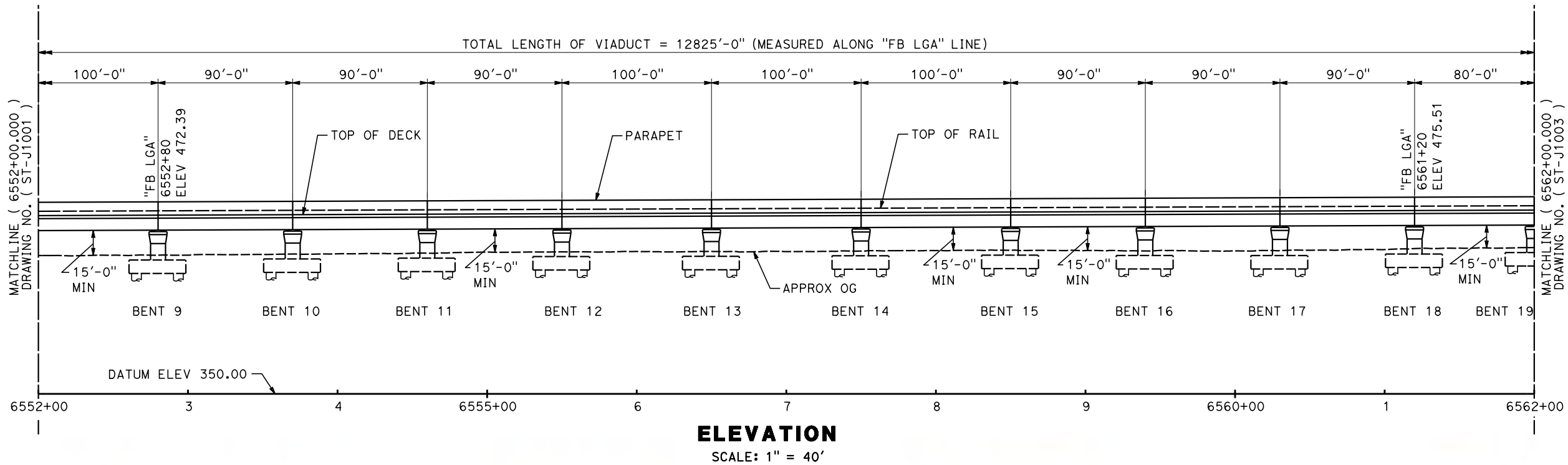
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1001

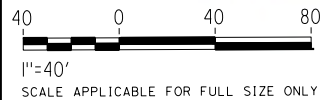
SCALE
AS SHOWN

SHEET NO.

TYLIN\Kerry 10/14/2016 3:38:44 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1002



- NOTES**
1. FOR THE TOP OF RAIL PROFILE SEE SHEET ST-J1001.



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA
DRAWN BY
D. WILEY
CHECKED BY
S. DULOR
IN CHARGE
S. DULOR
DATE
10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

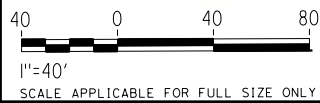
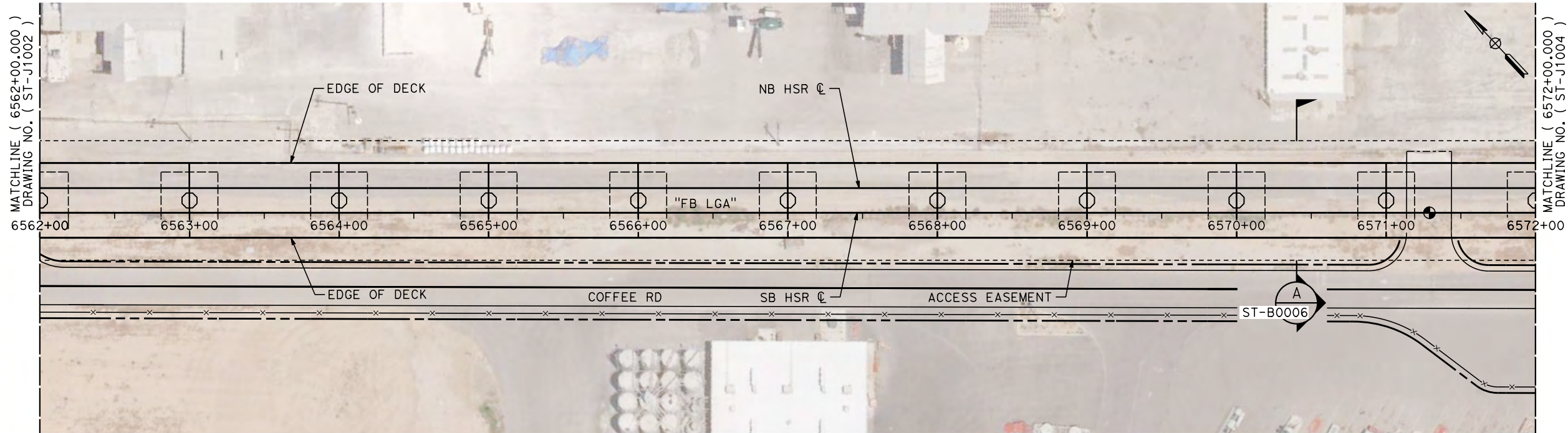
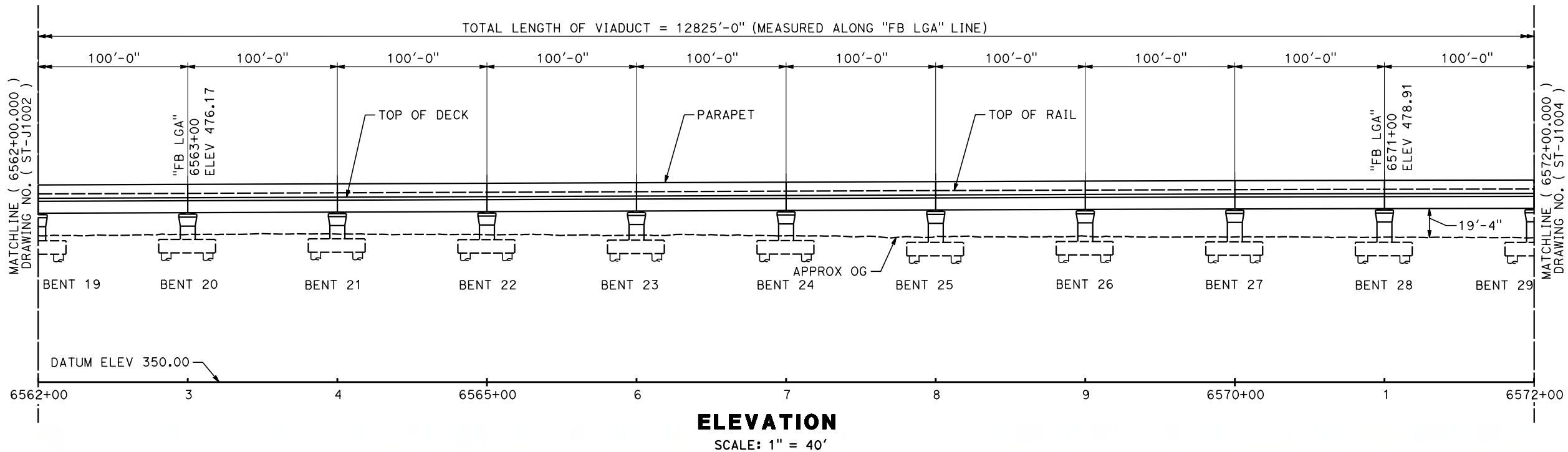
TYLININTERNATIONAL



**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
COFFEE RD HST VIADUCT
STATION 6552+00 TO 6562+00
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1002
SCALE
AS SHOWN
SHEET NO.

TYL\KBerry 10/14/2016 3:39:01 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1003



PLAN
SCALE: 1" = 40'

NOTES

1. FOR THE TOP OF RAIL
PROFILE SEE SHEET
ST-J1001.

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
D. WILEY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

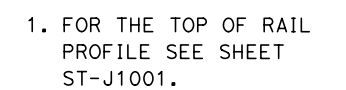
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FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
COFFEE RD HST VIADUCT
STATION 6562+00 TO 6572+00
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1003

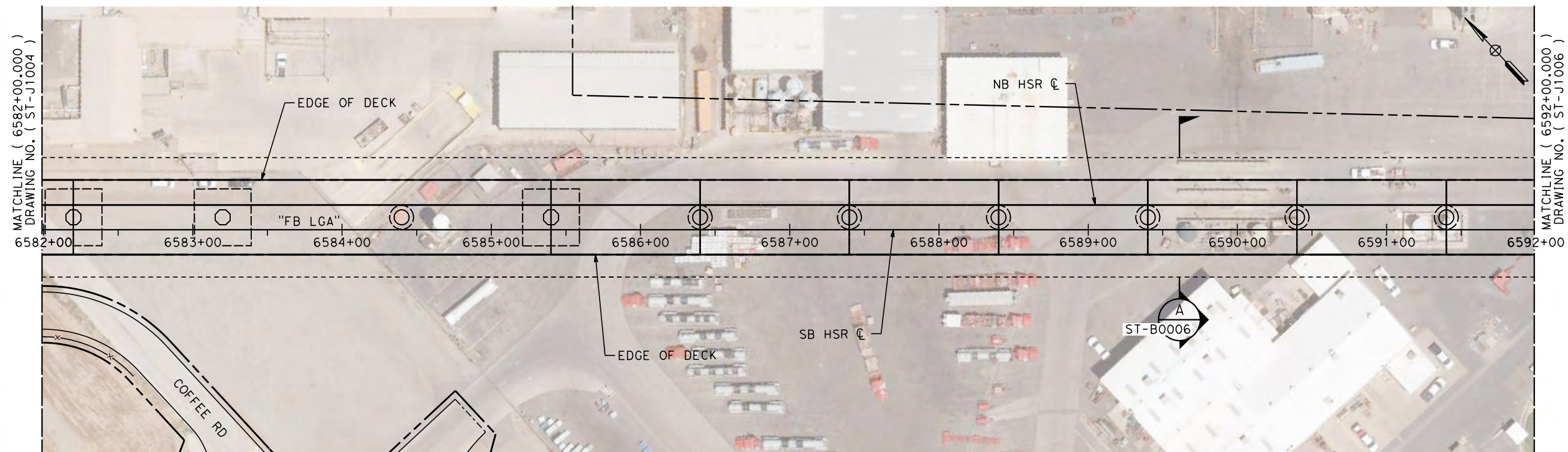
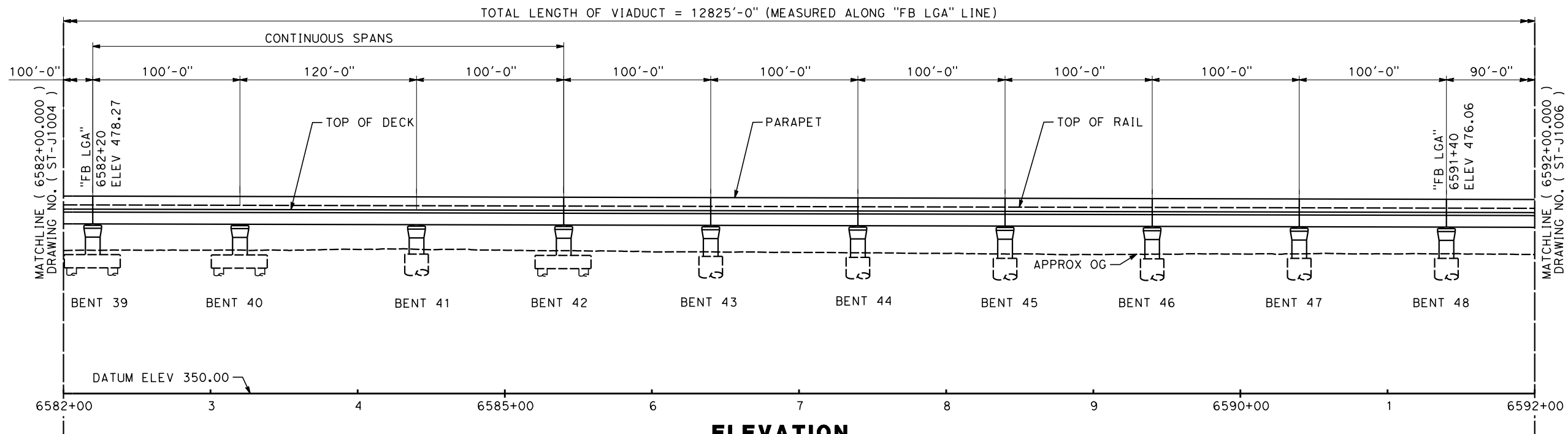
SCALE
AS SHOWN

SHEET NO.



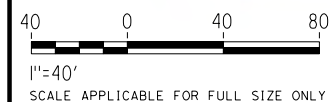
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DRAWING NO.	ST-J1004
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NOTES

1. FOR THE TOP OF RAIL PROFILE SEE SHEET ST-J1001.



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL

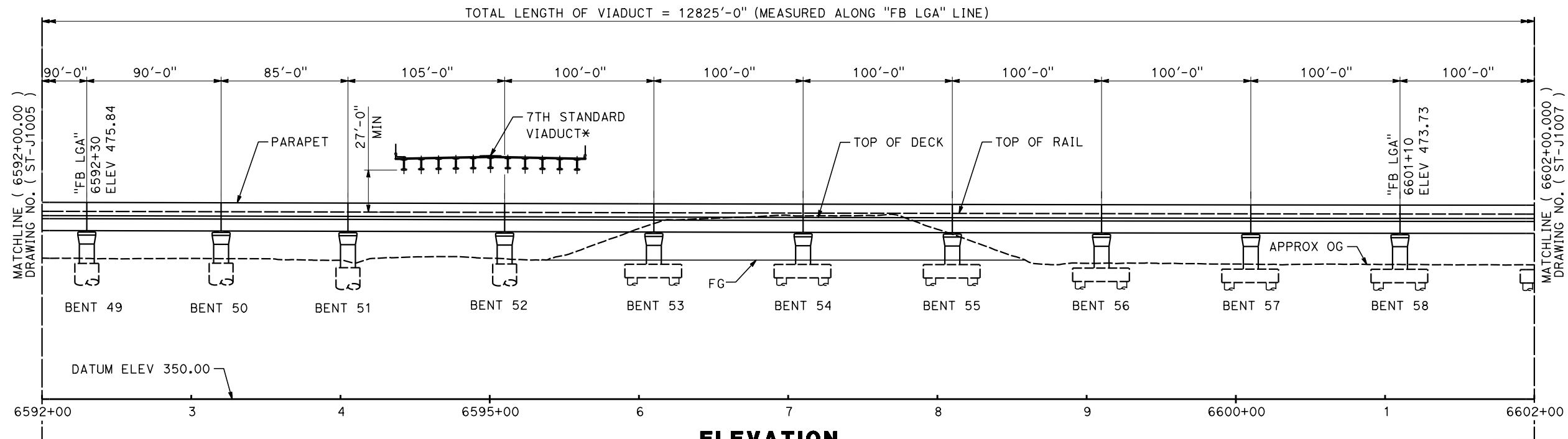


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

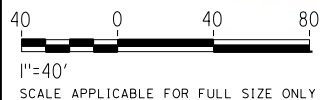
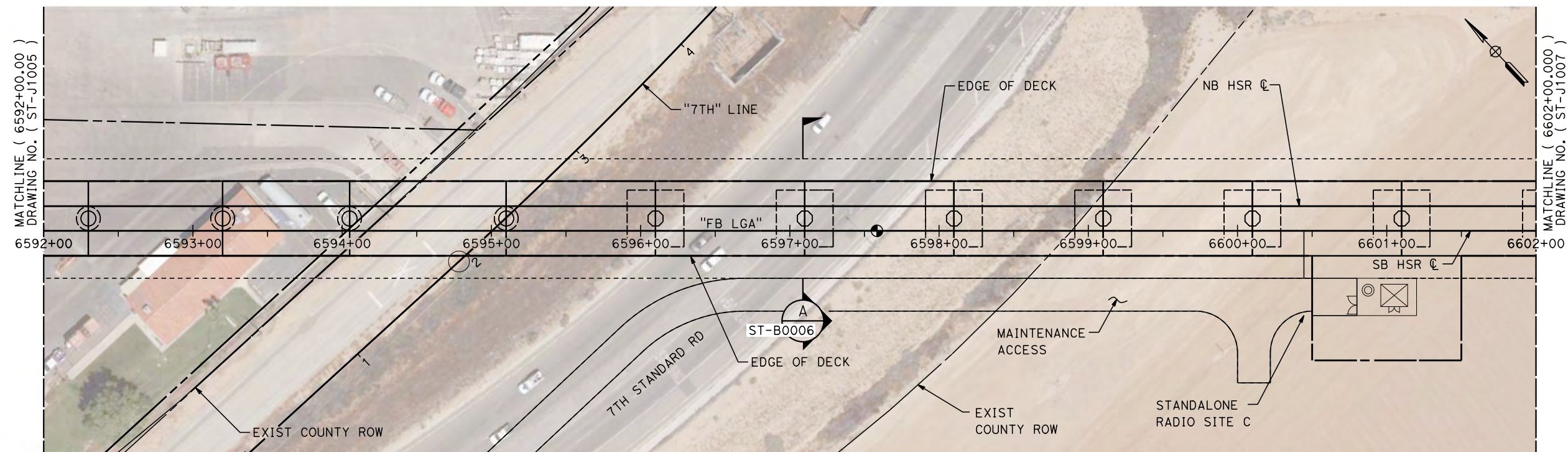
CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
COFFEE RD HST VIADUCT
STATION 6582+00 TO 6592+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1005
SCALE AS SHOWN
SHEET NO.

TYL\KBerry 10/14/2016 3:38:07 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1006



* NOT SHOWN IN PLAN FOR CLARITY



NOTES

1. FOR THE TOP OF RAIL PROFILE SEE SHEET ST-J1001.

DESIGNED BY
N. METWASHLA
DRAWN BY
D. WILEY
CHECKED BY
S. DULOR
IN CHARGE
S. DULOR
DATE
10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL

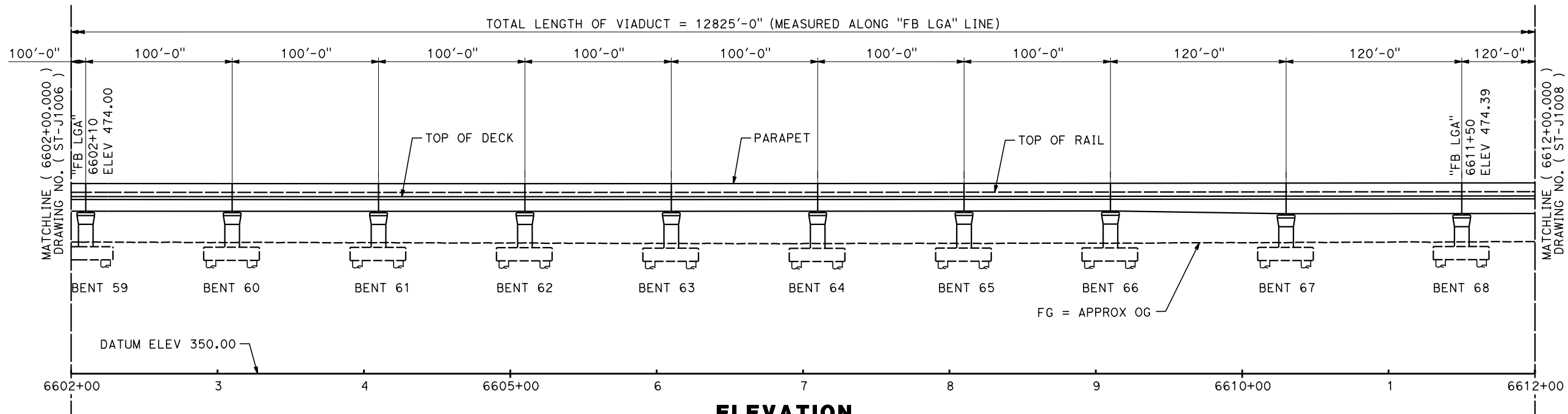


CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
COFFEE RD HST VIADUCT
STATION 6592+00 TO 6602+00
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-J1006
SCALE
AS SHOWN
SHEET NO.

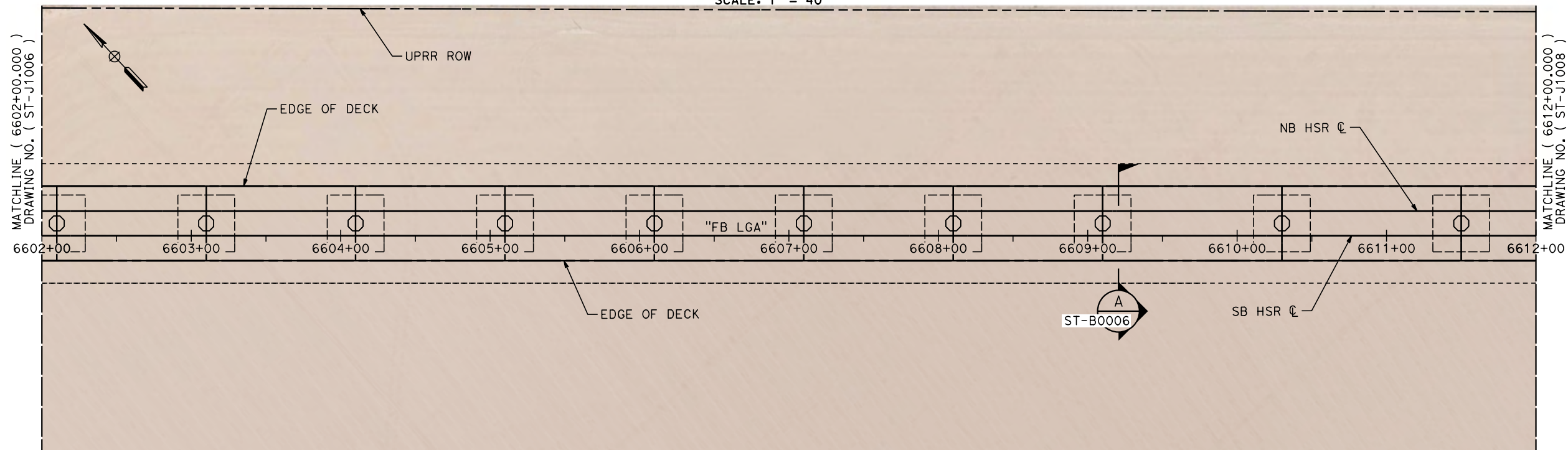
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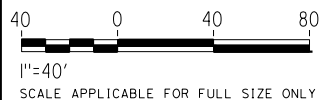
ELEVATION

SCALE: 1" = 40'



NOTES

1. FOR THE TOP OF RAIL
PROFILE SEE SHEET
ST-J1001.



PLAN

SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
D. WILEY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
COFFEE RD HST VIADUCT
STATION 6602+00 TO 6612+00
PLAN AND ELEVATION

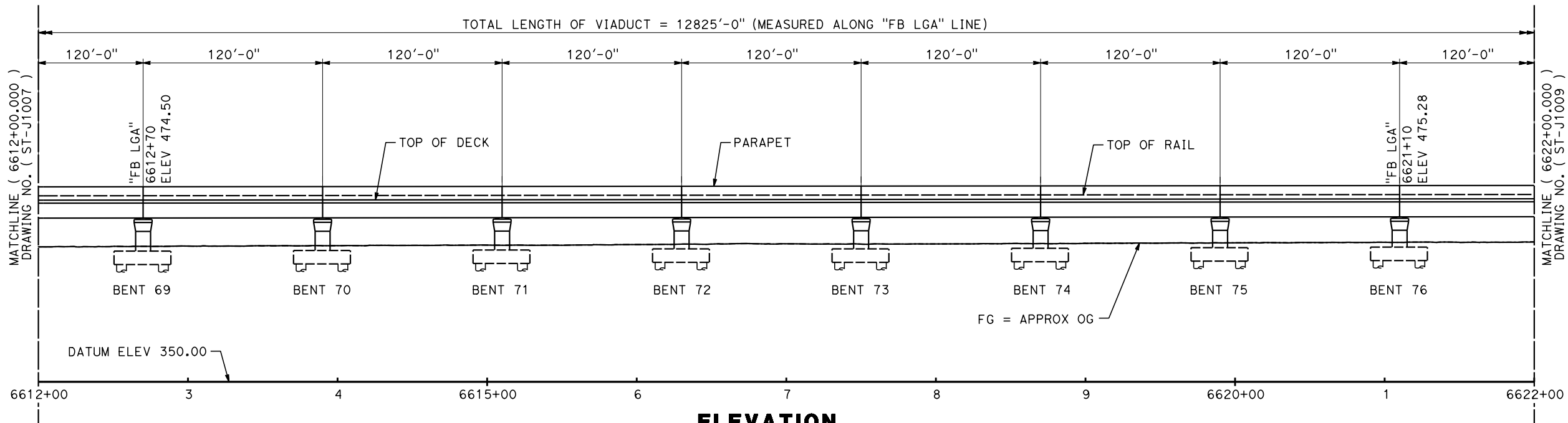
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HSR13-44

DRAWING NO.
ST-J1007

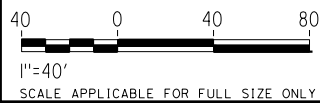
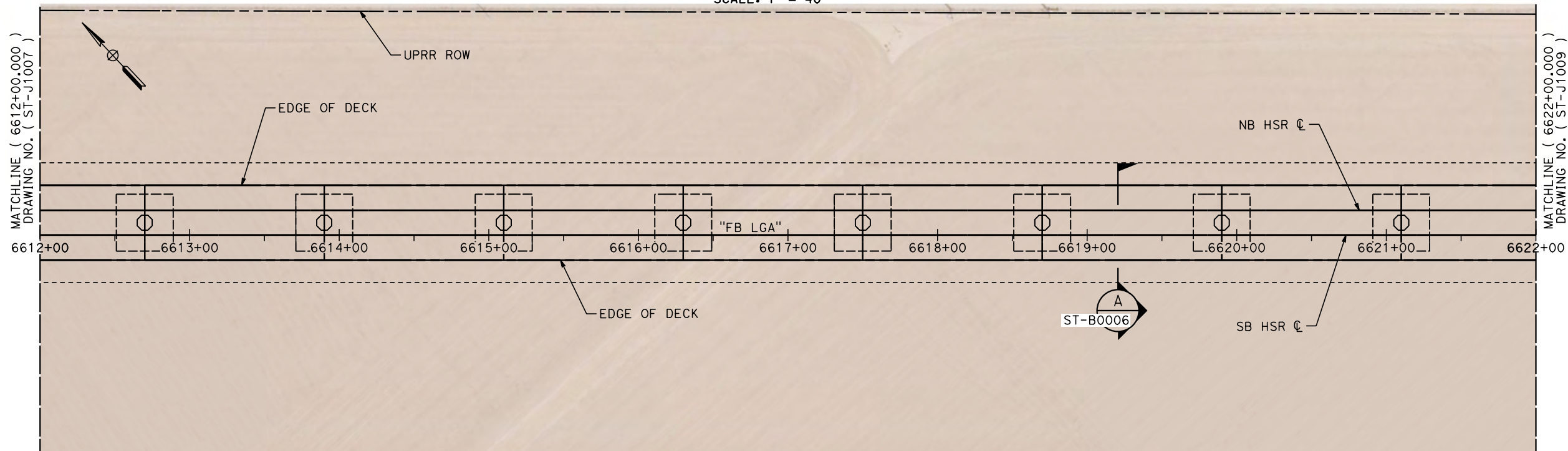
SCALE
AS SHOWN

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ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'

NOTES

1. FOR THE TOP OF RAIL
PROFILE SEE SHEET
ST-J1001.

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
K. BERRY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
COFFEE RD HST VIADUCT
STATION 6612+00 TO 6622+00
PLAN AND ELEVATION

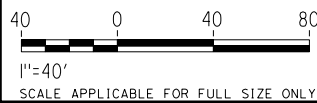
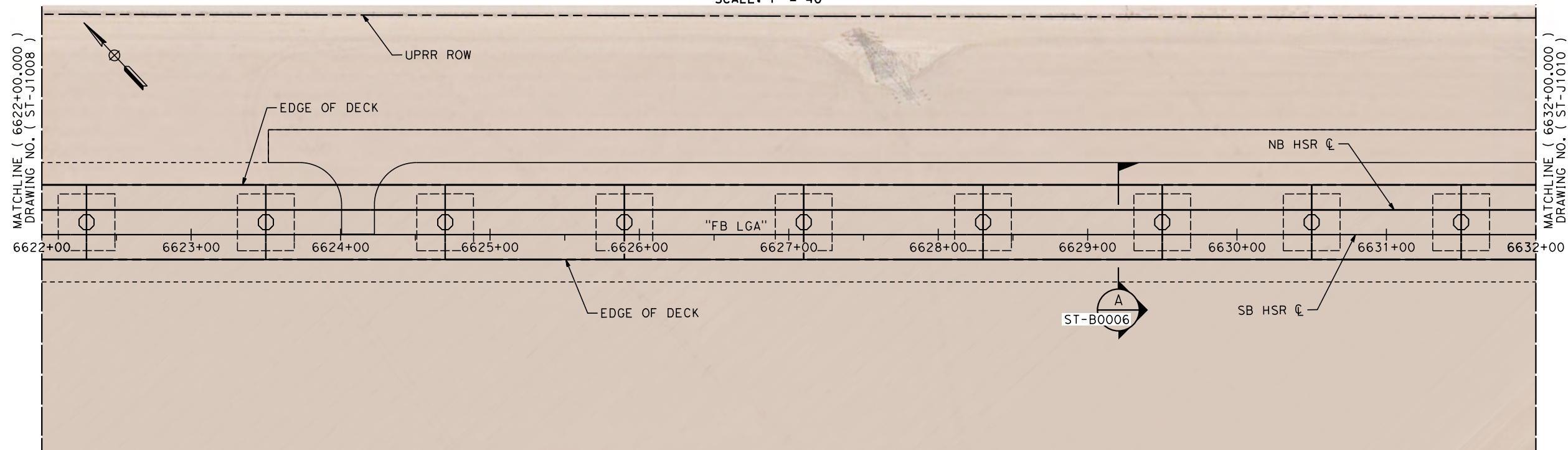
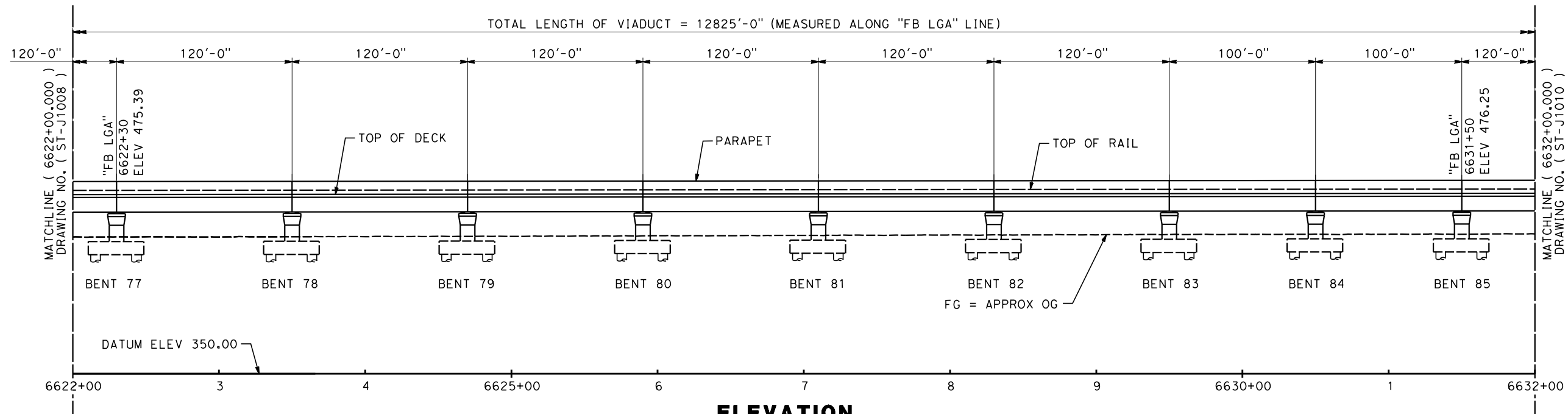
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1008

SCALE
AS SHOWN

SHEET NO.

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PLAN
SCALE: 1" = 40'

NOTES

1. FOR THE TOP OF RAIL
PROFILE SEE SHEET
ST-J1001.

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY K. BERRY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL

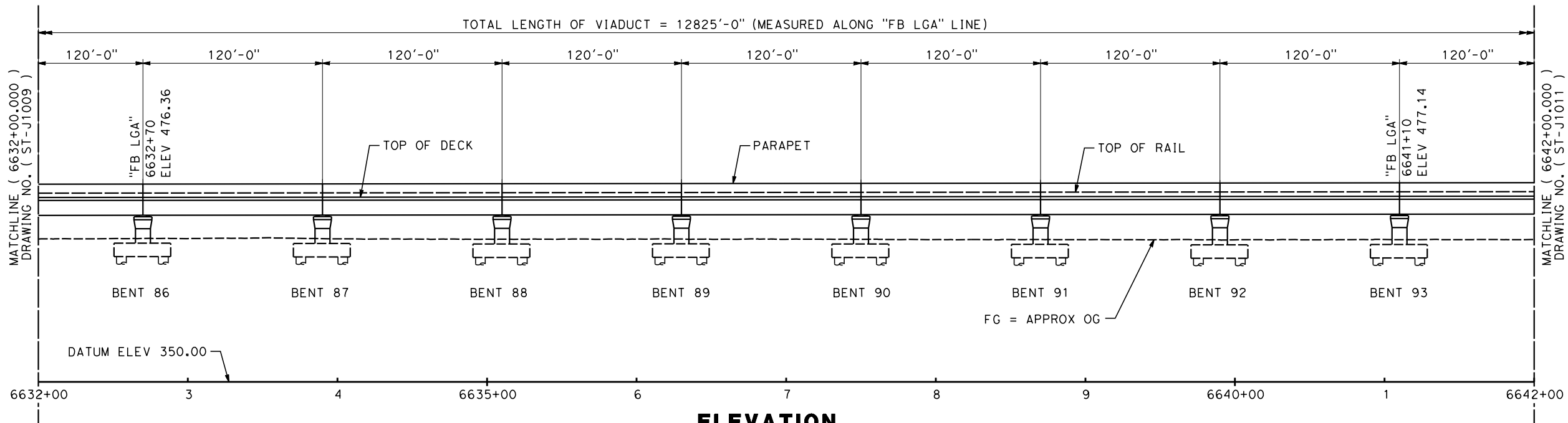


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

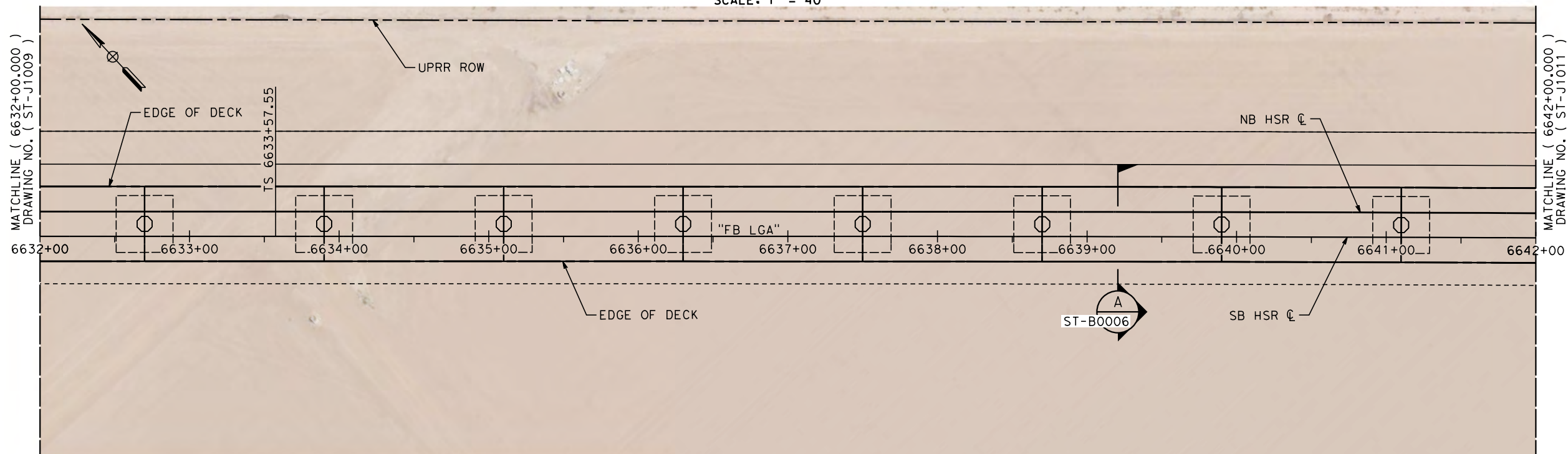
**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
COFFEE RD HST VIADUCT
STATION 6622+00 TO 6632+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1009
SCALE AS SHOWN
SHEET NO.

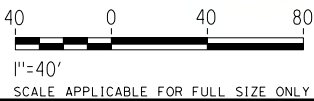
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ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'



NOTES

1. FOR THE TOP OF RAIL PROFILE SEE SHEET ST-J1001.

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY K. BERRY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL

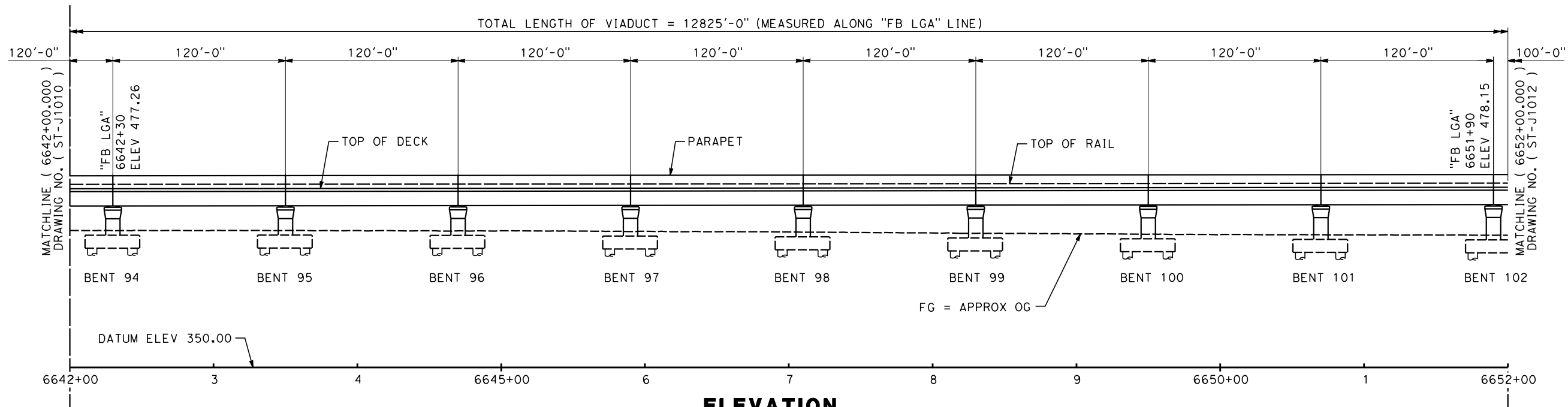


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

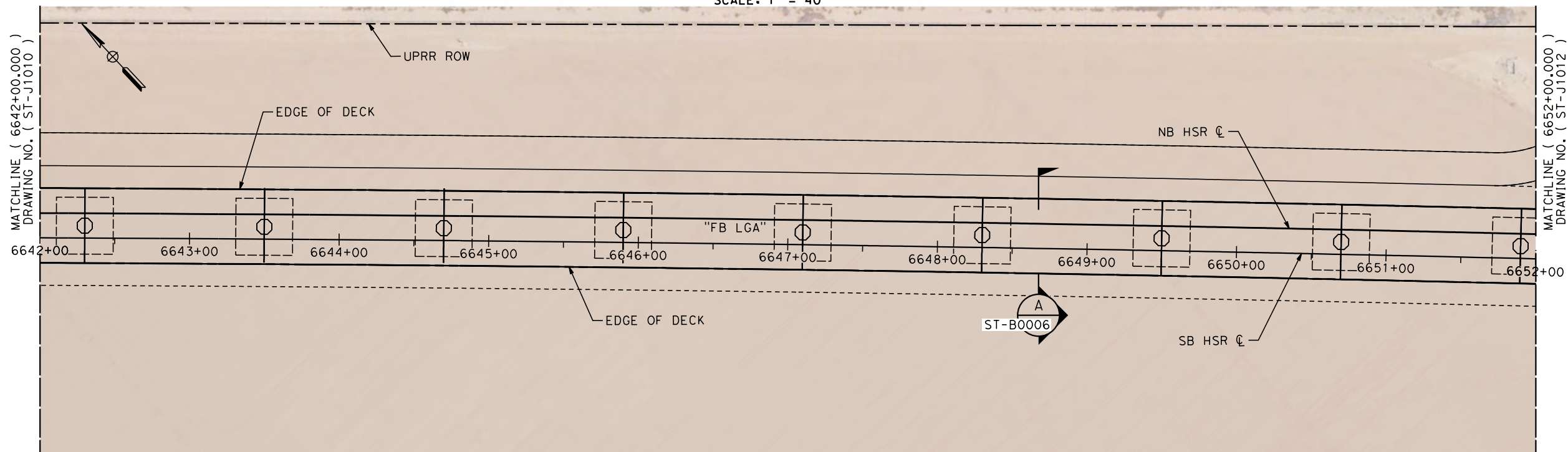
**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
COFFEE RD HST VIADUCT
STATION 6632+00 TO 6642+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1010
SCALE AS SHOWN
SHEET NO.

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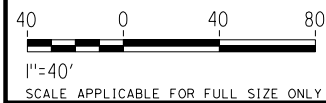
ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'

NOTES

1. FOR THE TOP OF RAIL PROFILE SEE SHEET ST-J1001.



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY K. BERRY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL

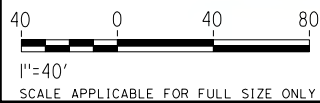
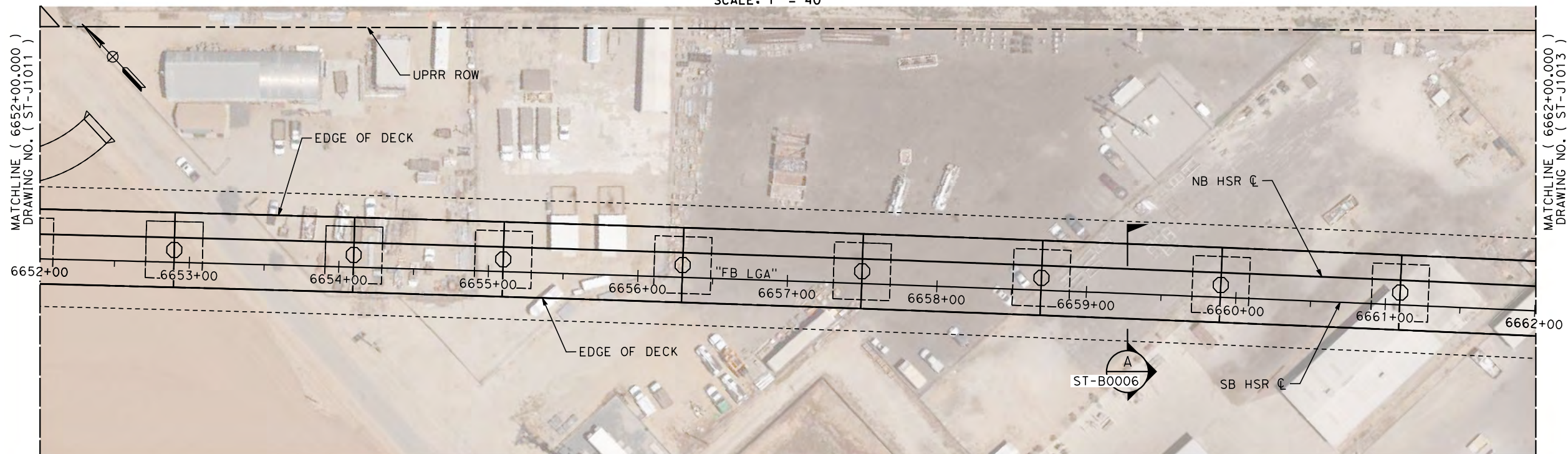
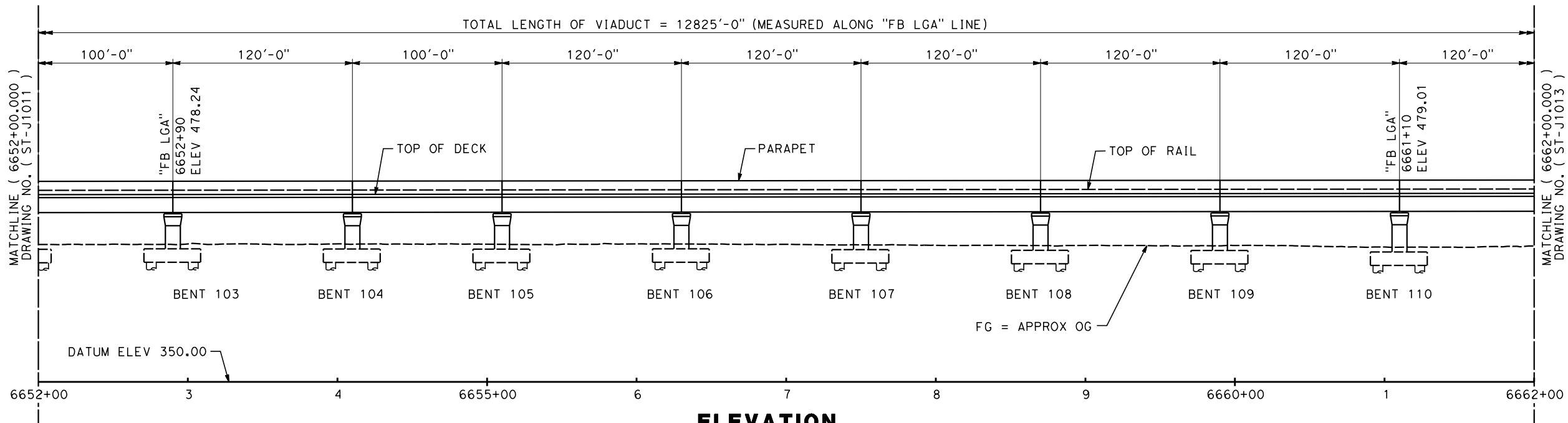


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
COFFEE RD HST VIADUCT
STATION 6642+00 TO 6652+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1011
SCALE AS SHOWN
SHEET NO.

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PLAN
SCALE: 1" = 40'

NOTES

1. FOR THE TOP OF RAIL
PROFILE SEE SHEET
ST-J1001.

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY K. BERRY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL

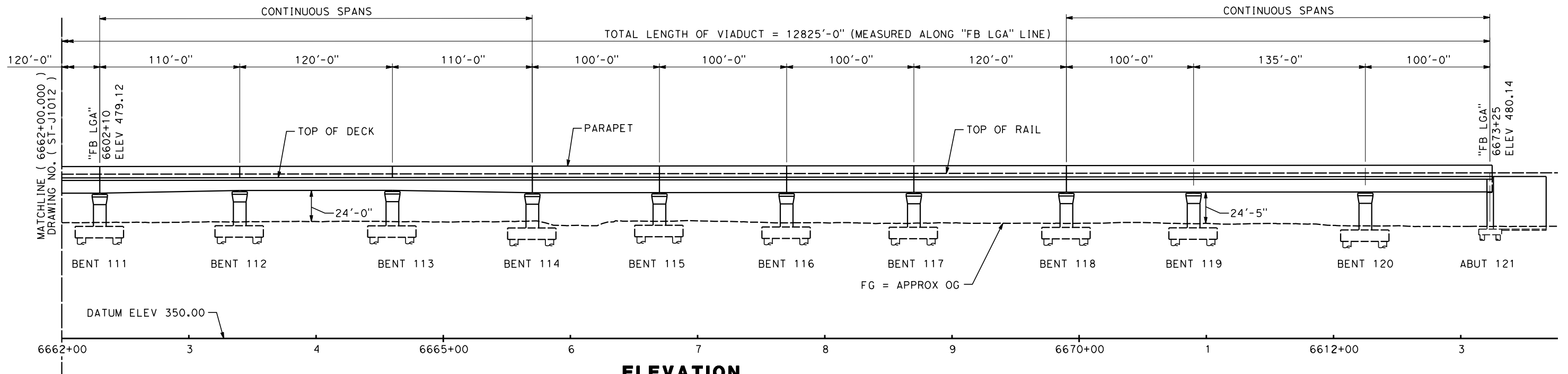


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

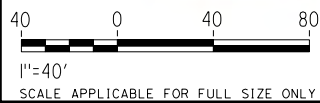
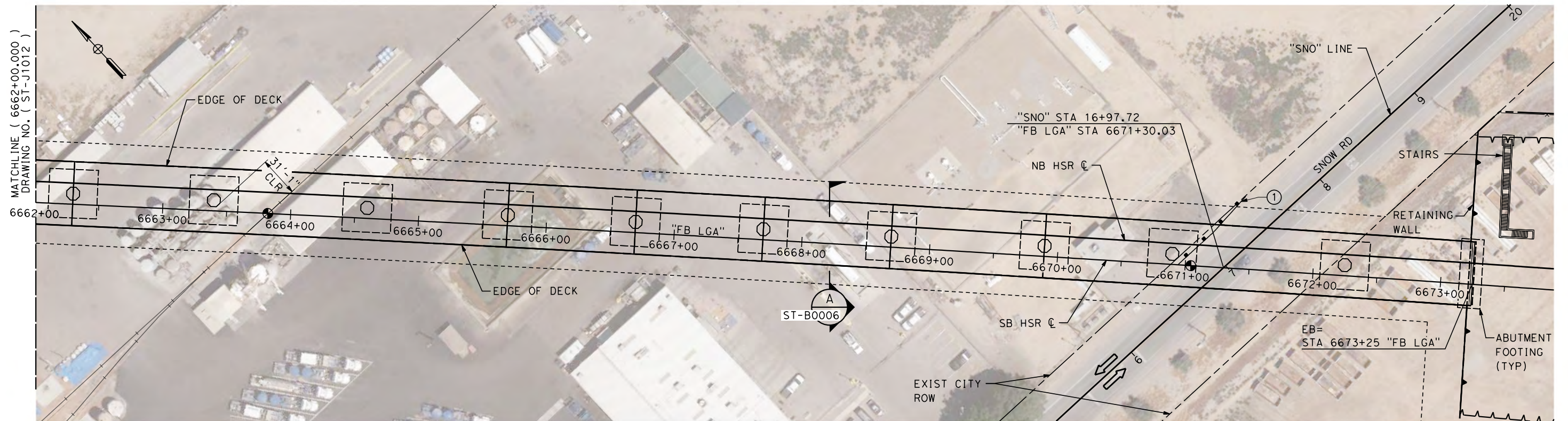
CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
COFFEE RD HST VIADUCT
STATION 6652+00 TO 6662+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1012
SCALE AS SHOWN
SHEET NO.

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ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'

NOTES

1. FOR THE TOP OF RAIL PROFILE SEE SHEET ST-J1001.

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
K. BERRY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
COFFEE RD HST VIADUCT
STATION 6662+00 TO 6674+00
PLAN AND ELEVATION

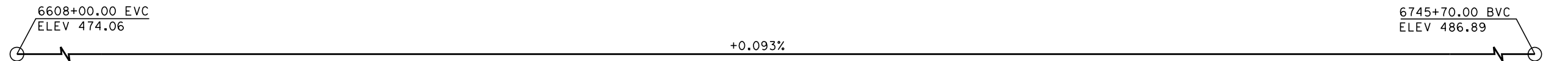
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HSR13-44

DRAWING NO.
ST-J1013

SCALE
AS SHOWN

SHEET NO.

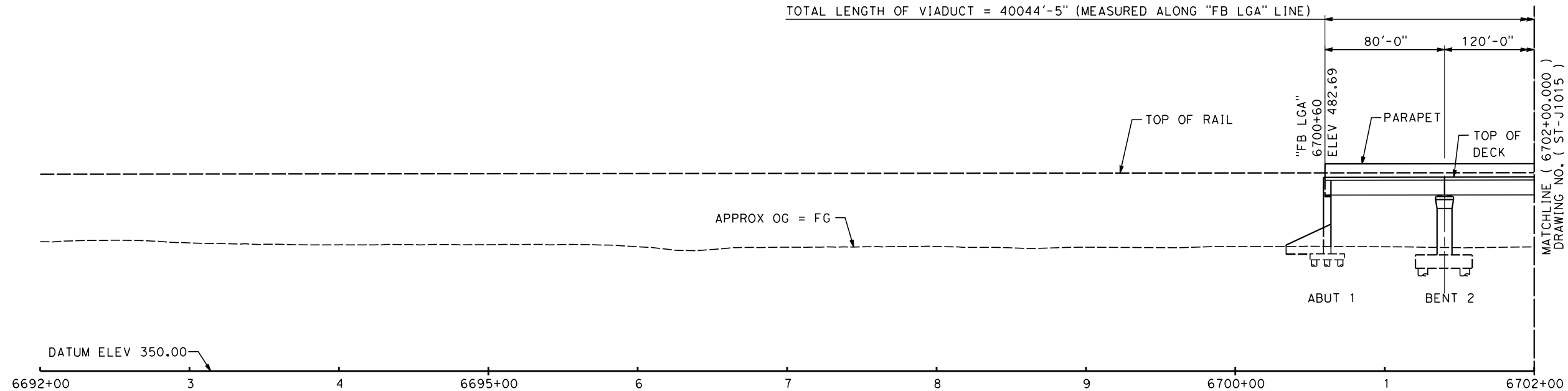
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TOP OF RAIL "FB LGA" LINE

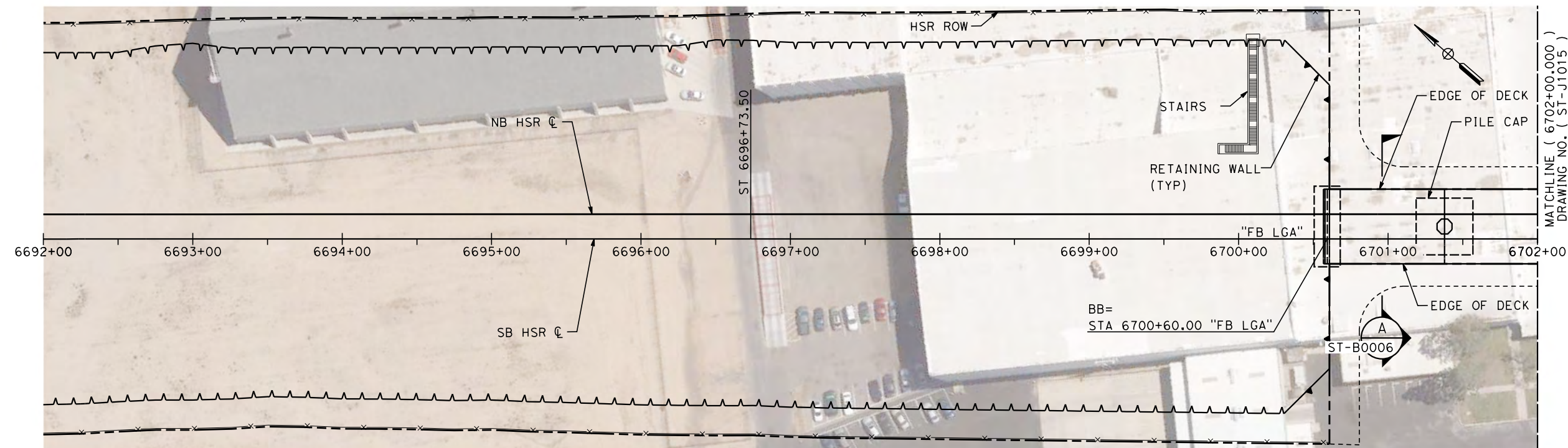
NO SCALE

TOTAL LENGTH OF VIADUCT = 40044'-5" (MEASURED ALONG "FB LGA" LINE)



ELEVATION

SCALE: 1" = 40'



PLAN

SCALE: 1" = 40'



1"=40' HOR
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL



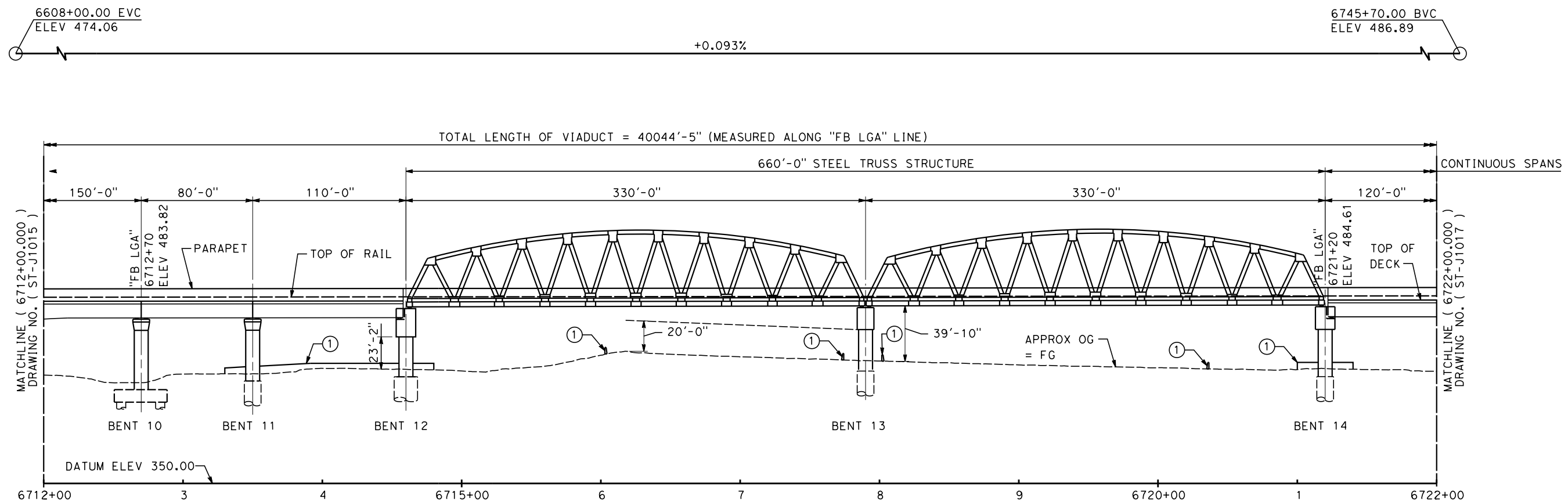
CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT FRESNO TO BAKERSFIELD

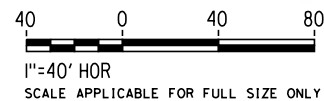
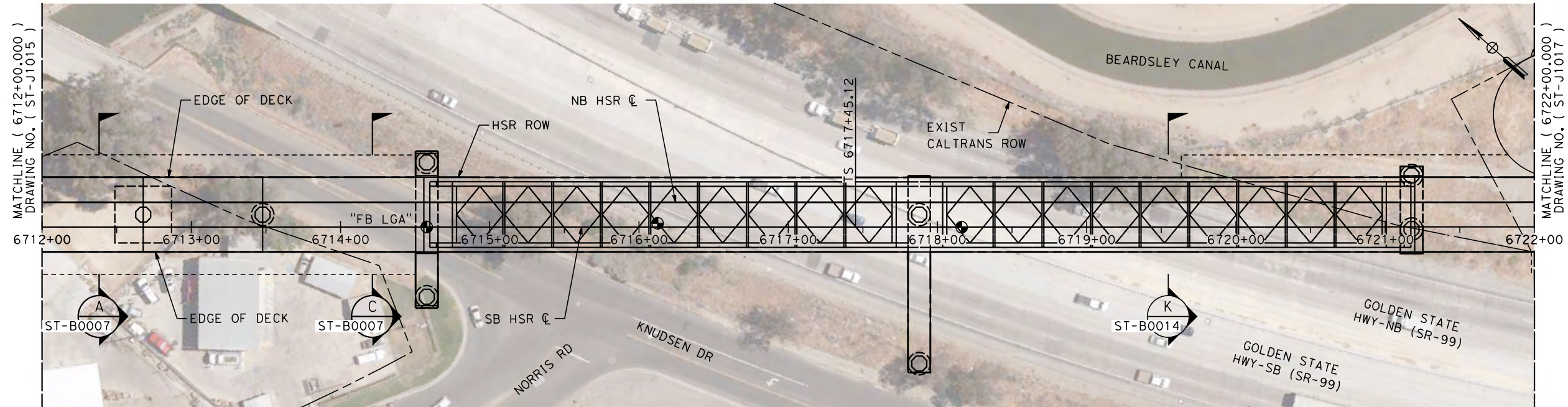
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6692+00 TO 6702+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1014
SCALE AS SHOWN
SHEET NO.

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ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL

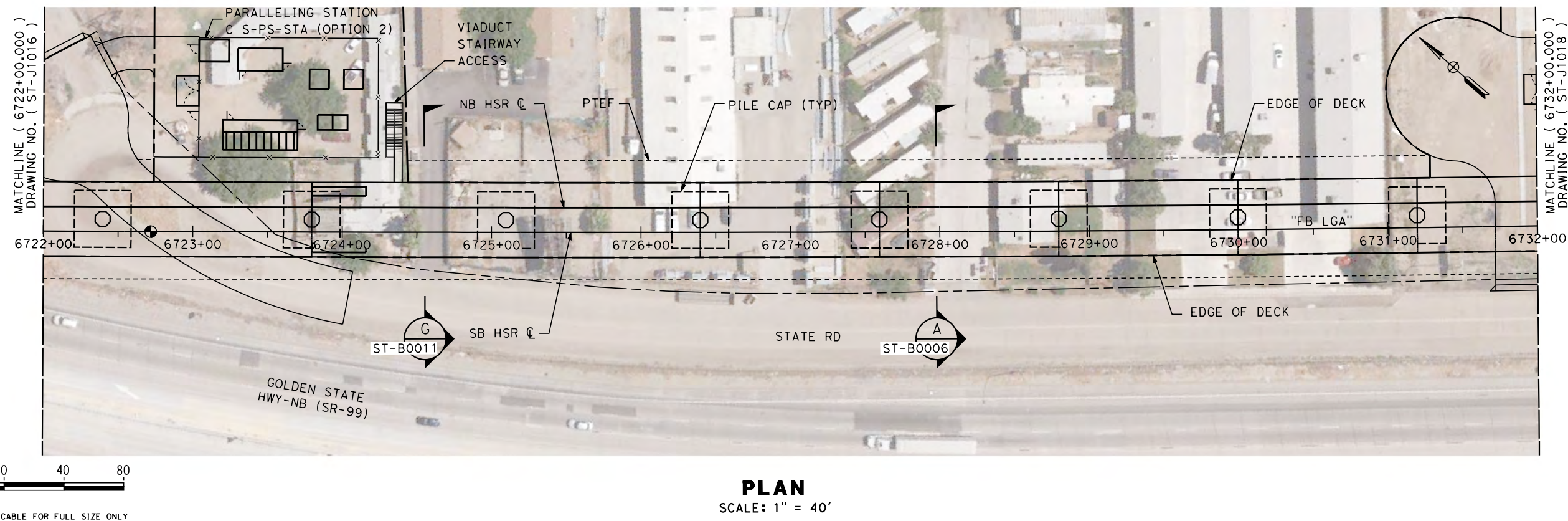
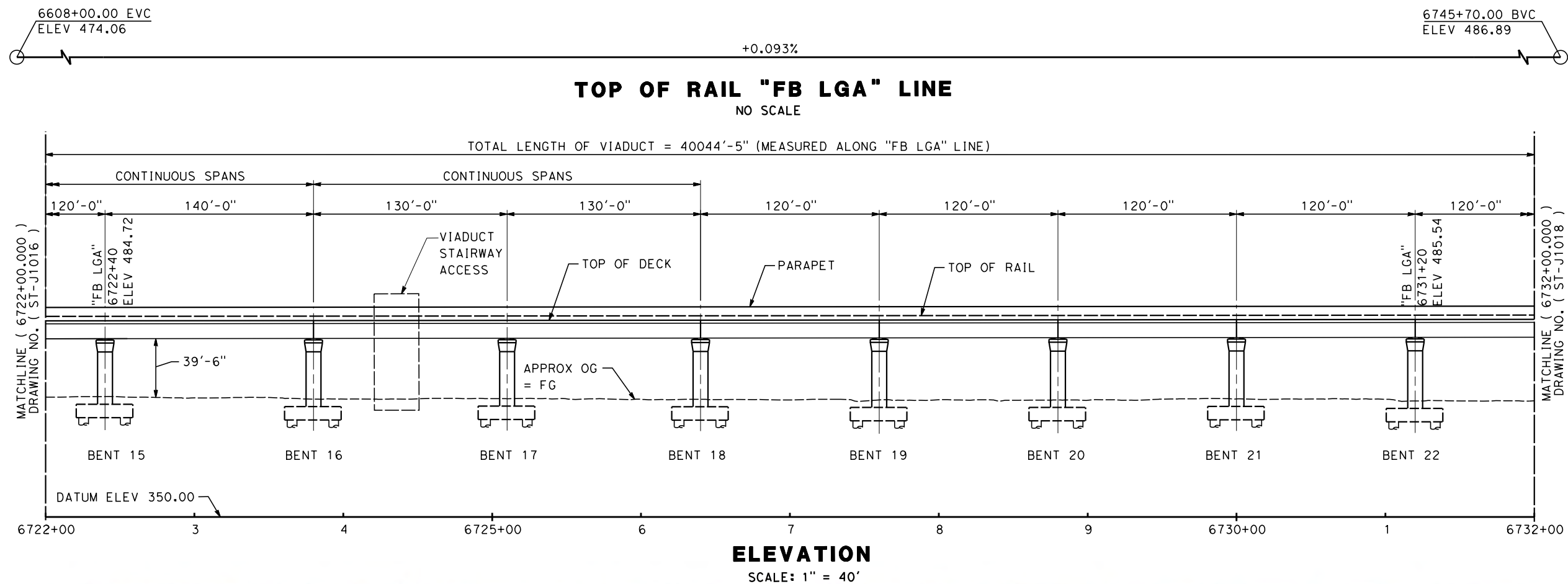


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6712+00 TO 6722+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1016
SCALE AS SHOWN
SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
D. WILEY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6722+00 TO 6732+00
PLAN AND ELEVATION

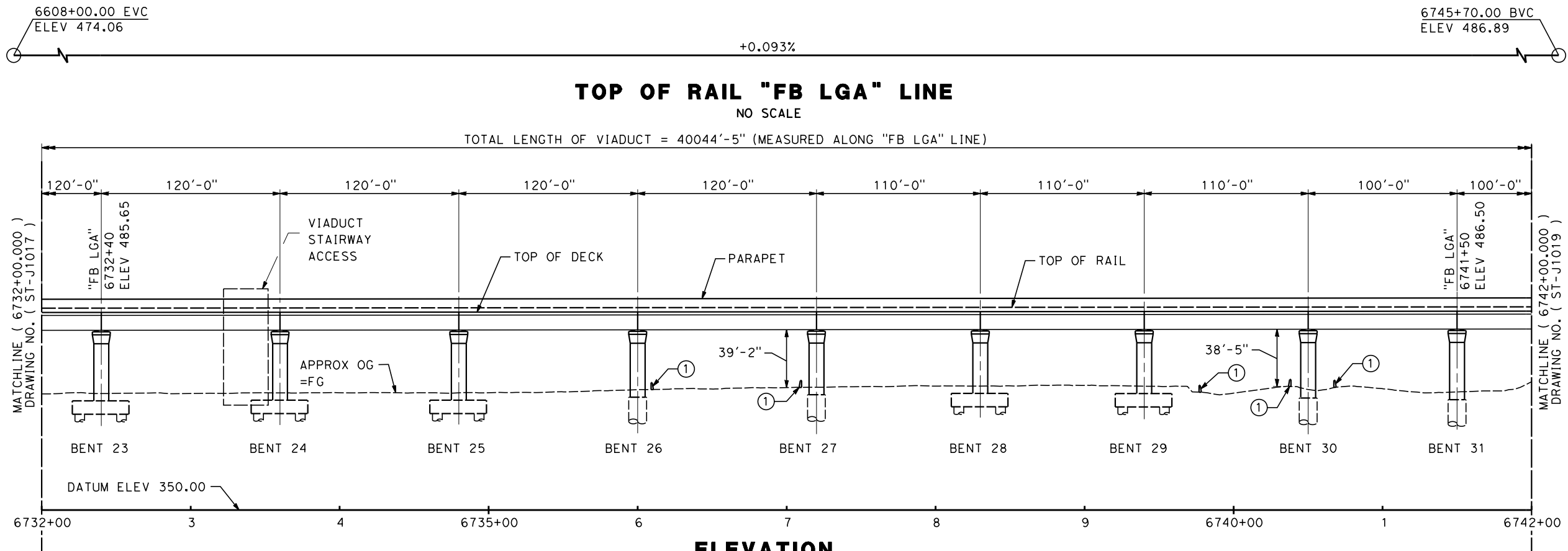
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HSR13-44

DRAWING NO.
ST-J1017

SCALE
AS SHOWN

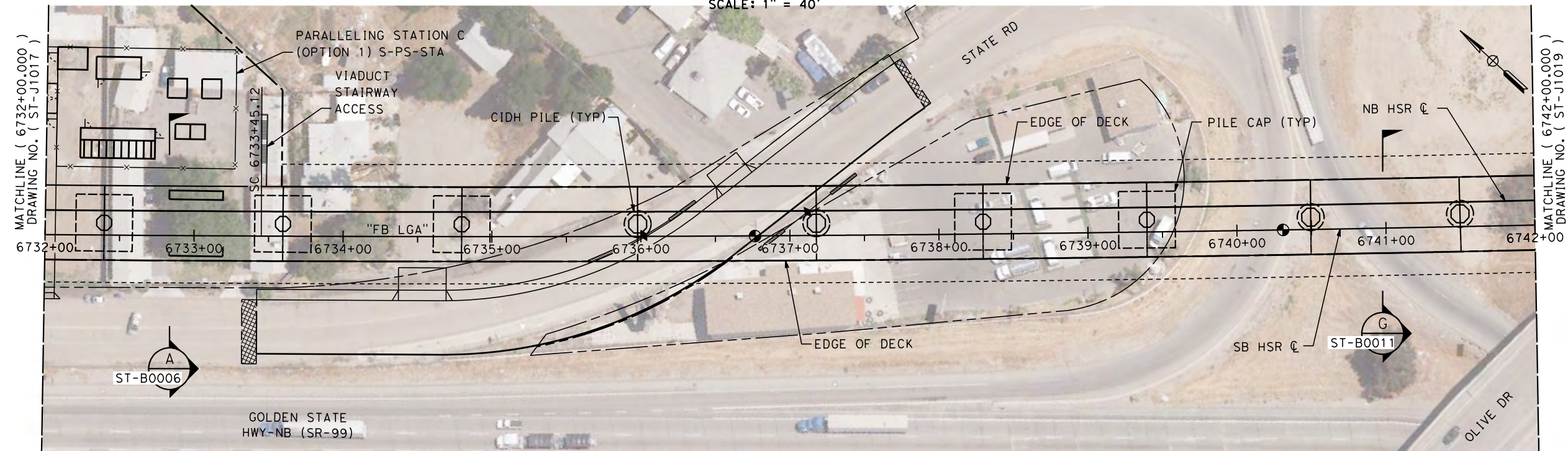
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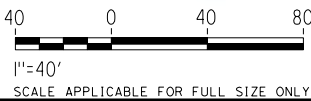
ELEVATION

SCALE: 1" = 40'



PLAN

SCALE: 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLIN INTERNATIONAL

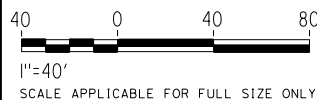
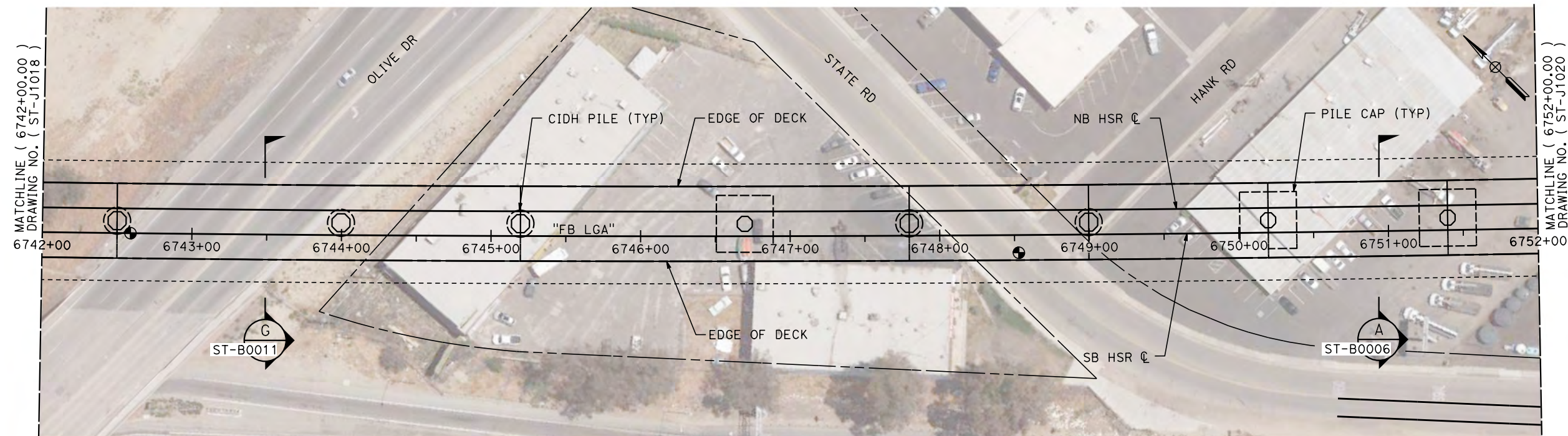
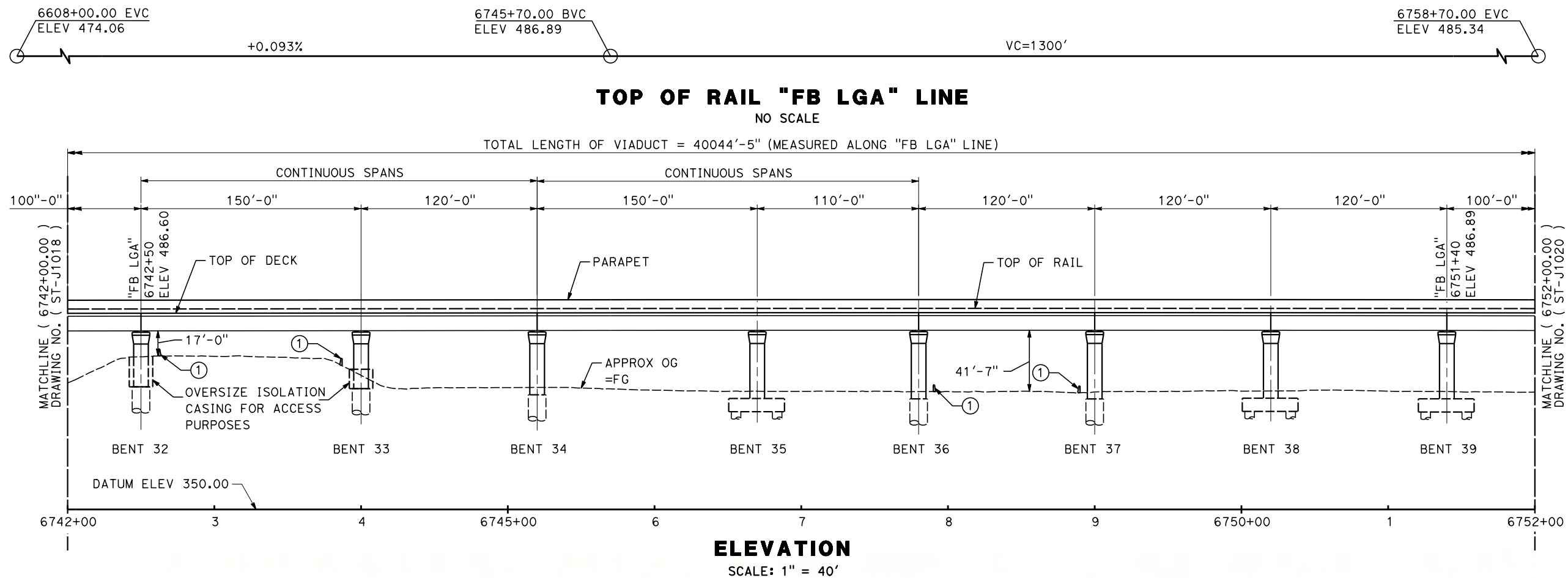


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6732+00 TO 6742+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1018
SCALE AS SHOWN
SHEET NO.

TYLIN\Kerry 10/14/2016 3:39:07 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1019



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
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SUBMISSION**

TYLININTERNATIONAL



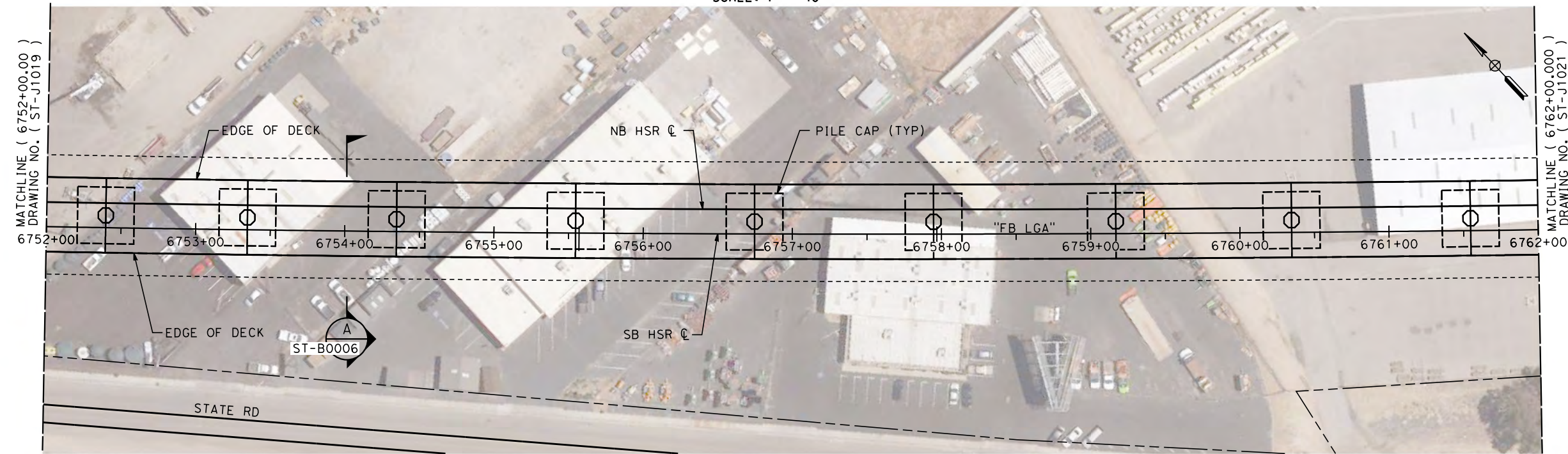
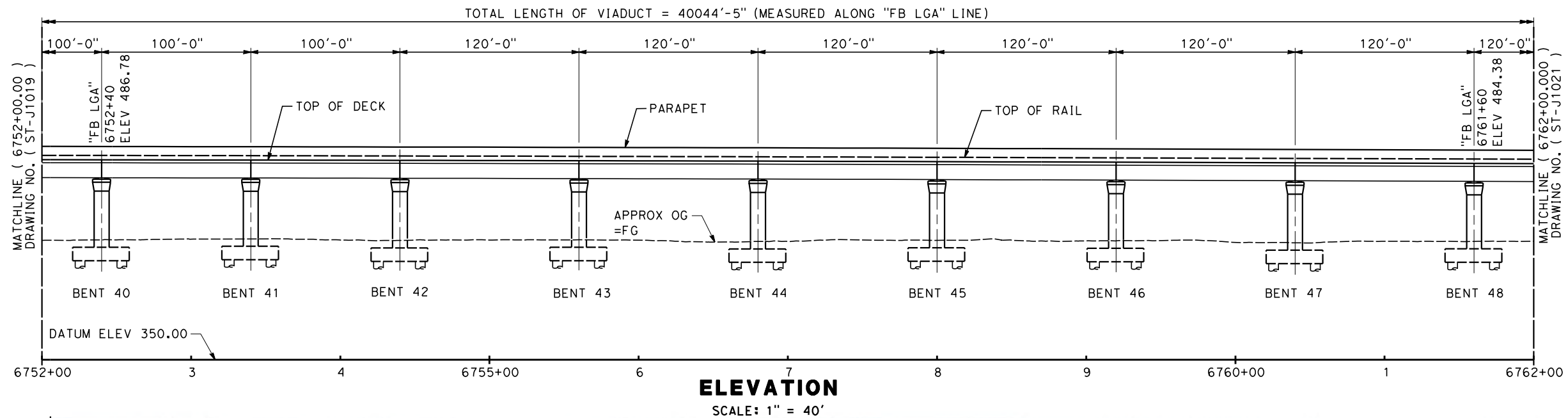
CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6742+00 TO 6752+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1019
SCALE AS SHOWN
SHEET NO.

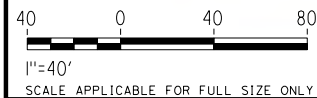
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TOP OF RAIL "FB LGA" LINE
NO SCALE



PLAN
SCALE: 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

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SUBMISSION**

TYLININTERNATIONAL

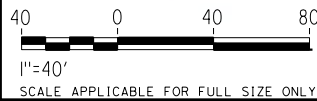
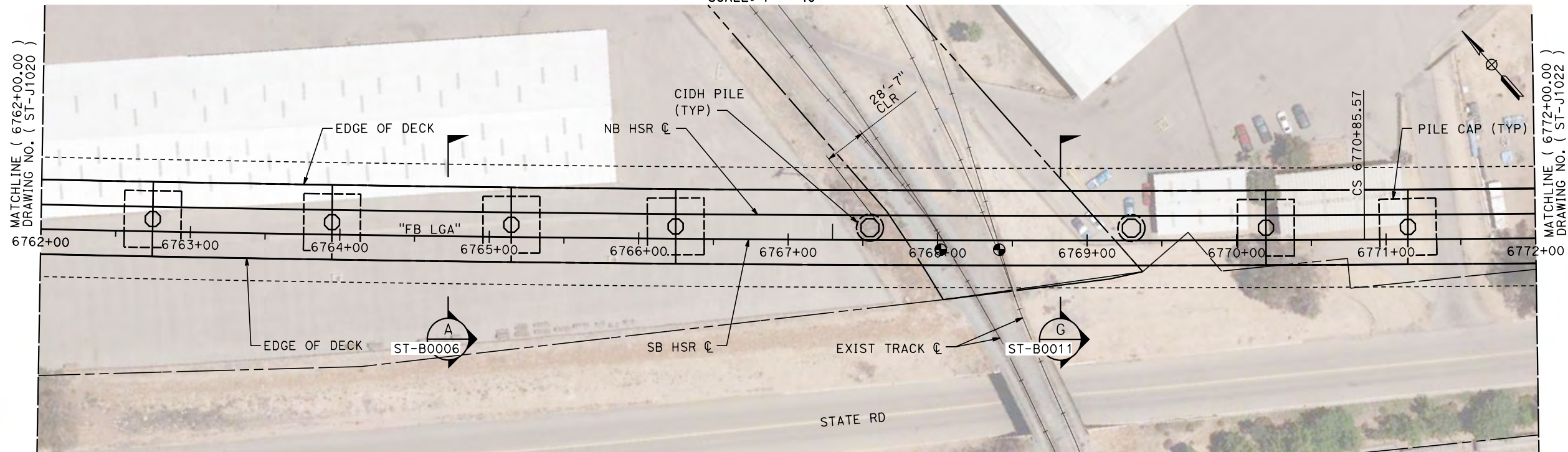
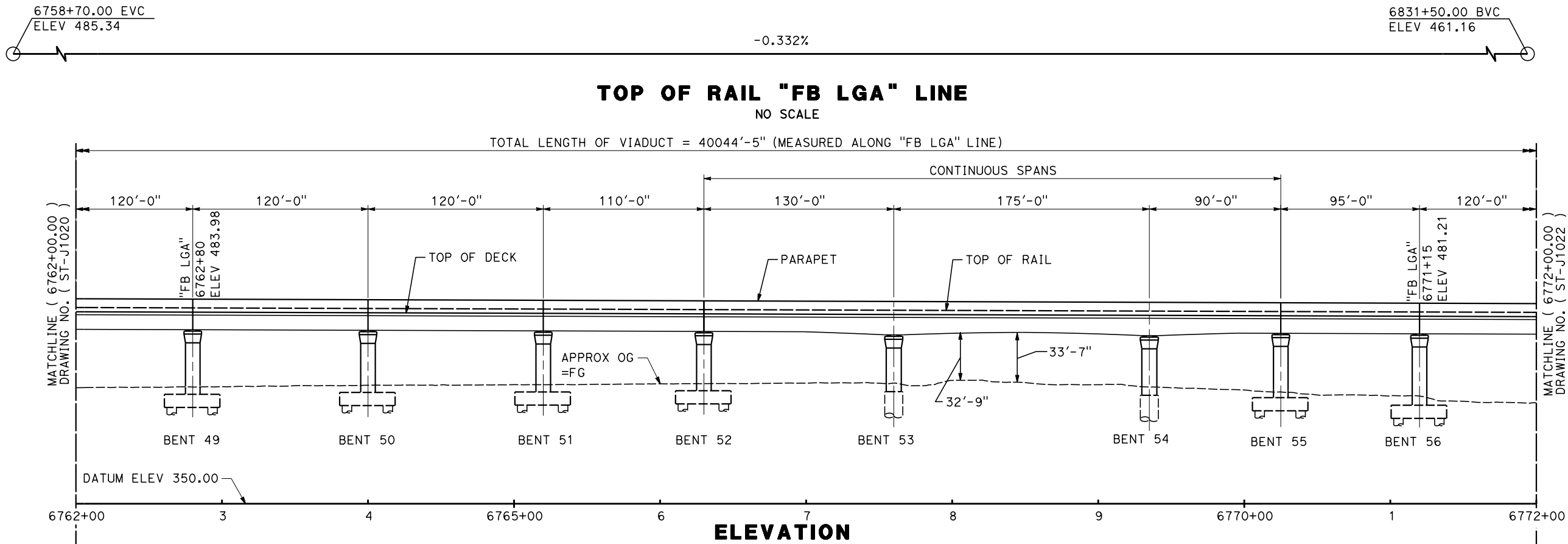


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6752+00 TO 6762+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1020
SCALE AS SHOWN
SHEET NO.

TYLIN\jtrejo 11/4/2016 8:23:25 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1021



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
D. WILEY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6762+00 TO 6772+00
PLAN AND ELEVATION

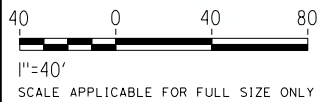
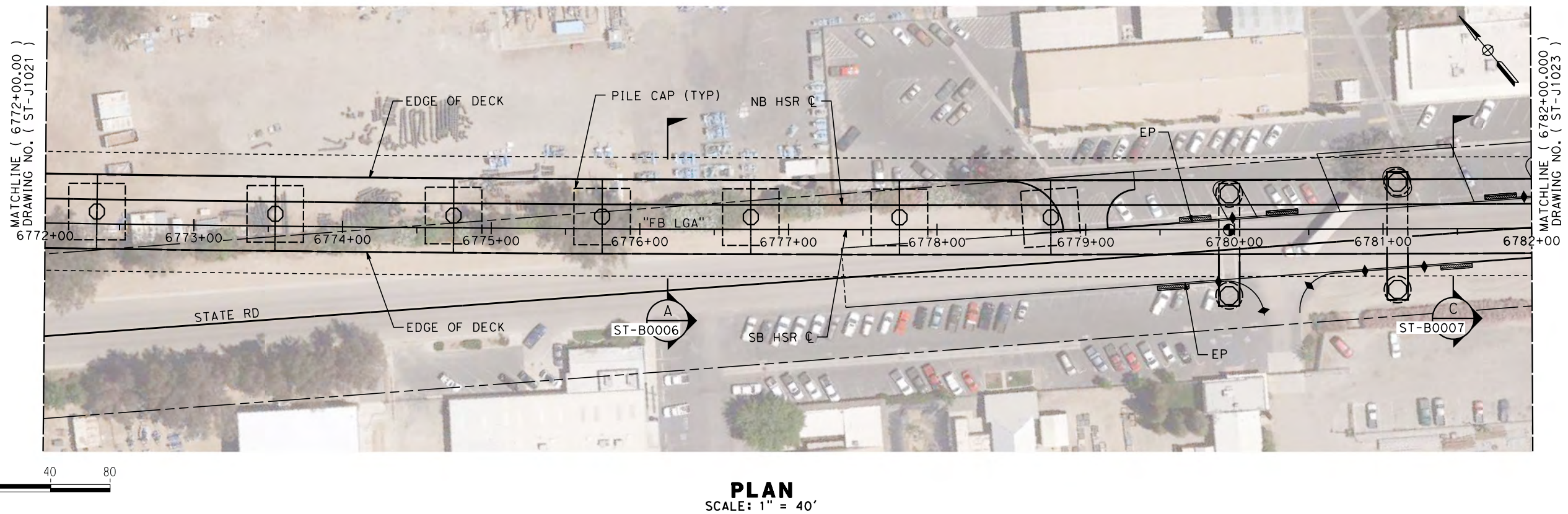
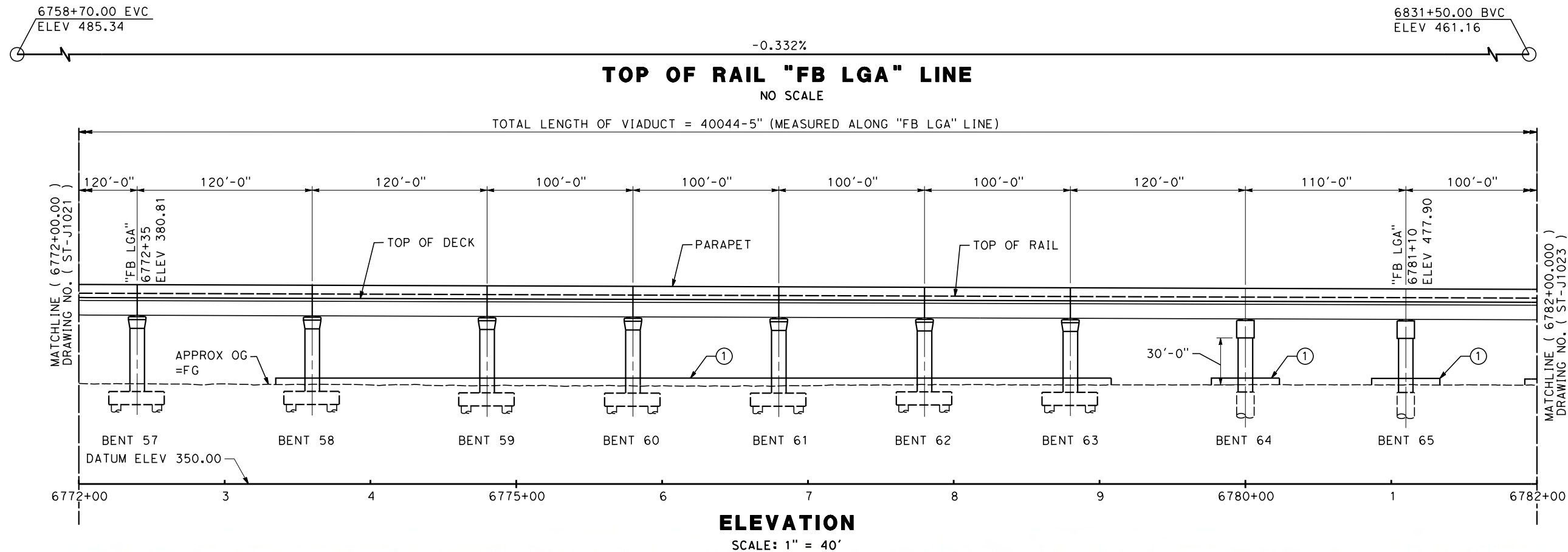
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HSR13-44

DRAWING NO.
ST-J1021

SCALE
AS SHOWN

SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
D. WILEY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6772+00 TO 6782+00
PLAN AND ELEVATION

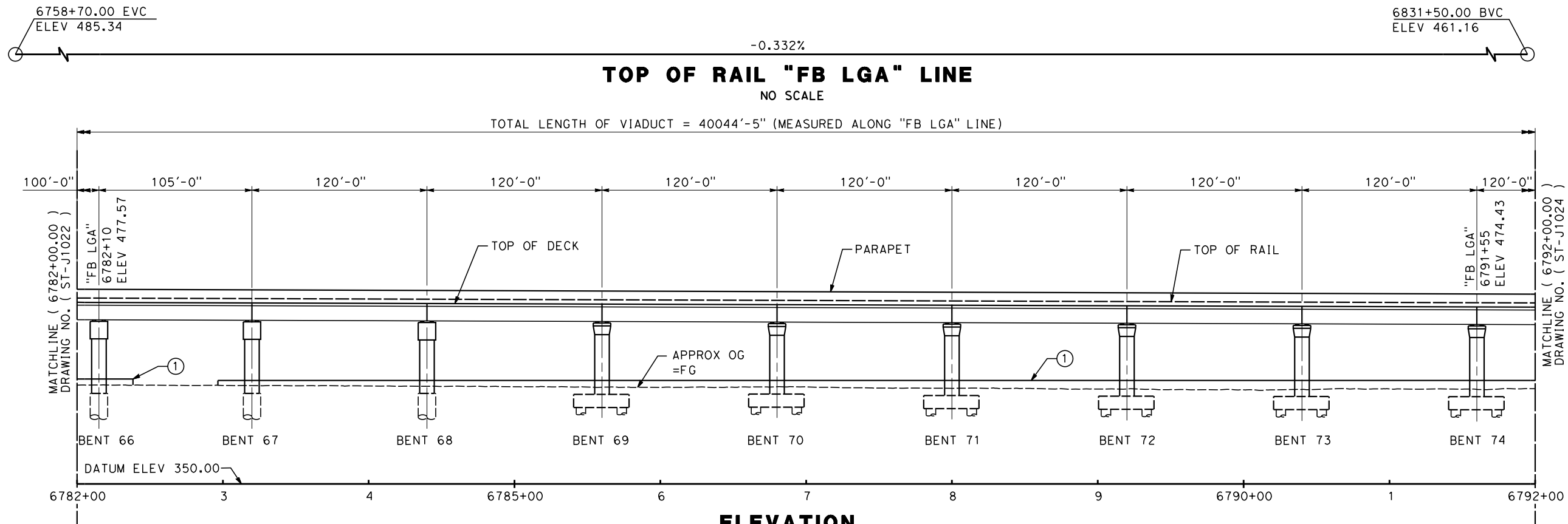
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1022

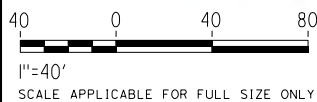
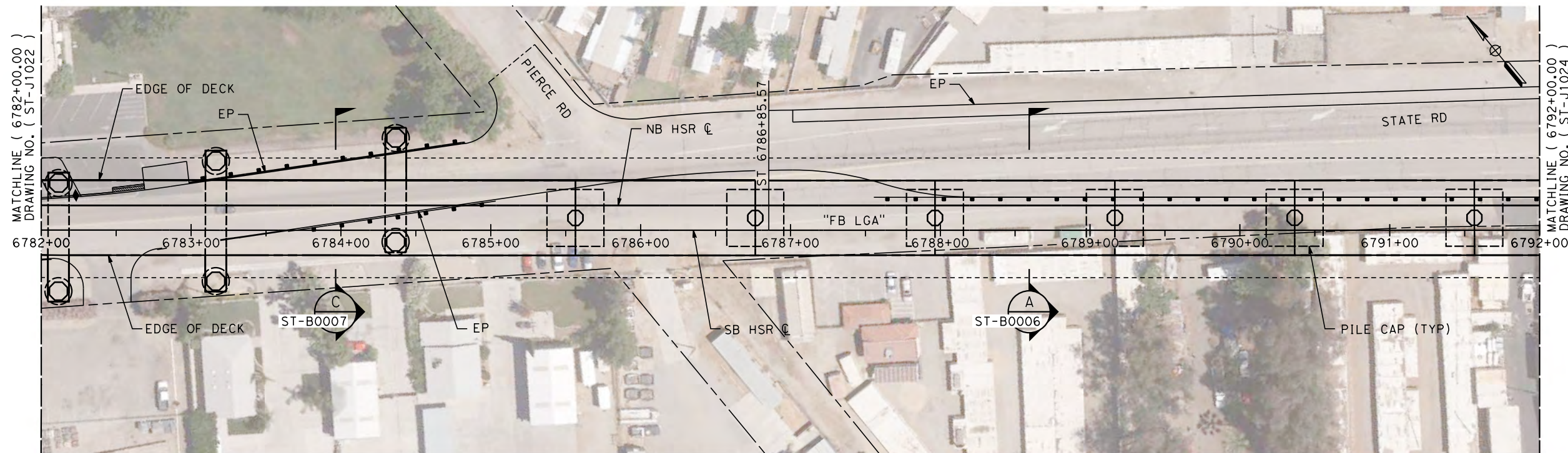
SCALE
AS SHOWN

SHEET NO.

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ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
D. WILEY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6782+00 TO 6792+00
PLAN AND ELEVATION

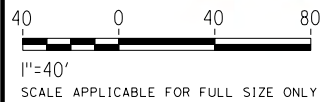
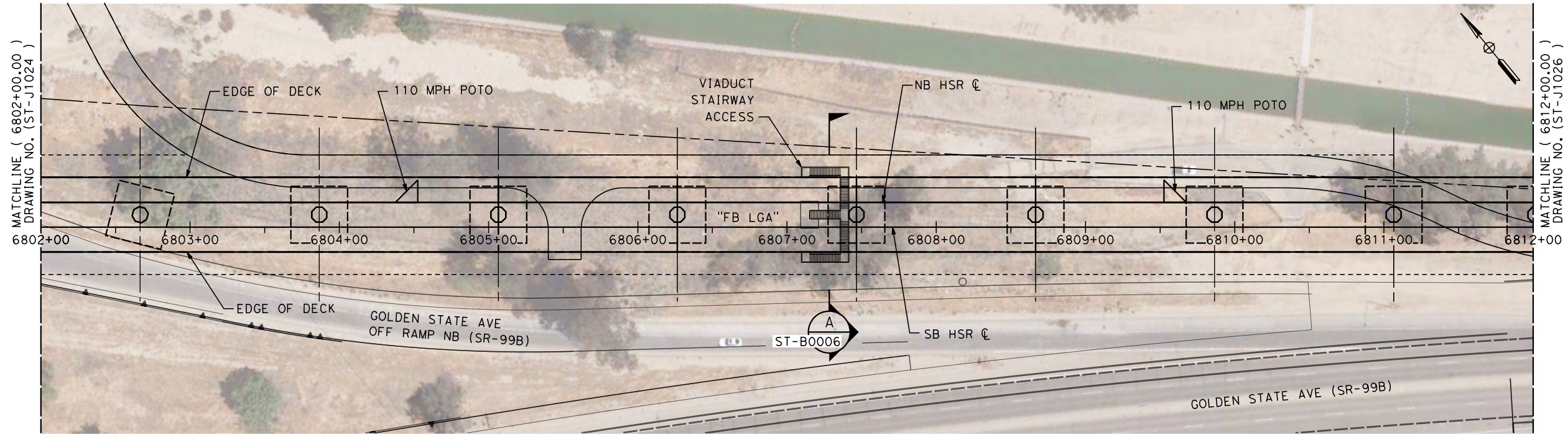
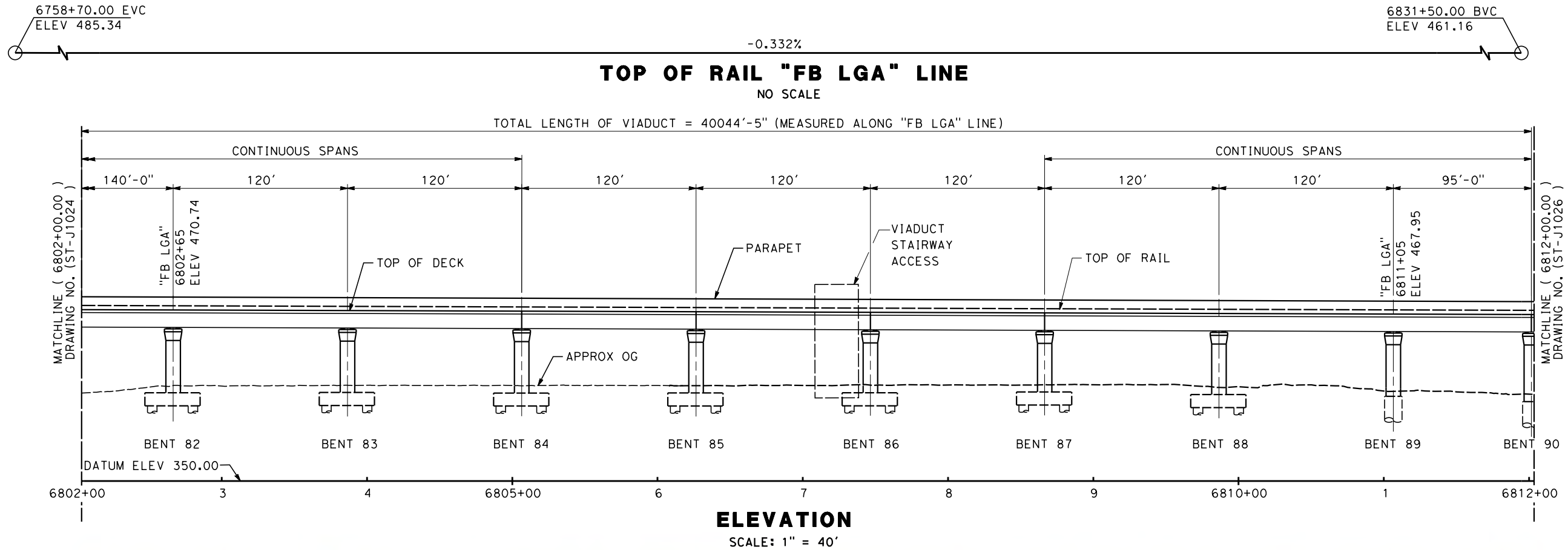
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HSR13-44

DRAWING NO.
ST-J1023

SCALE
AS SHOWN

SHEET NO.

10/25/2016 5:11:18 PM CHSR_PDF_half_black.plt c:\pwworking\tylin\p01\sdulor\dms27052\BFS5A-ST-J1025.dgn Sdulor



PLAN
SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY E. HEREFORD
DRAWN BY E. HEREFORD
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL

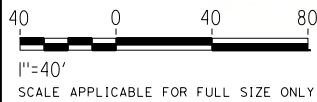
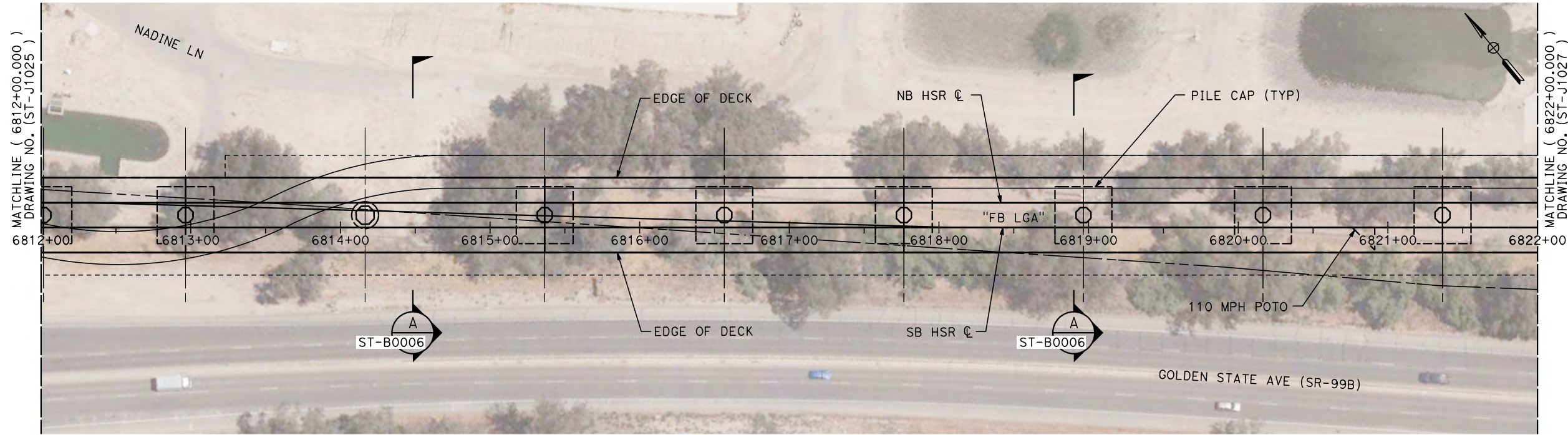
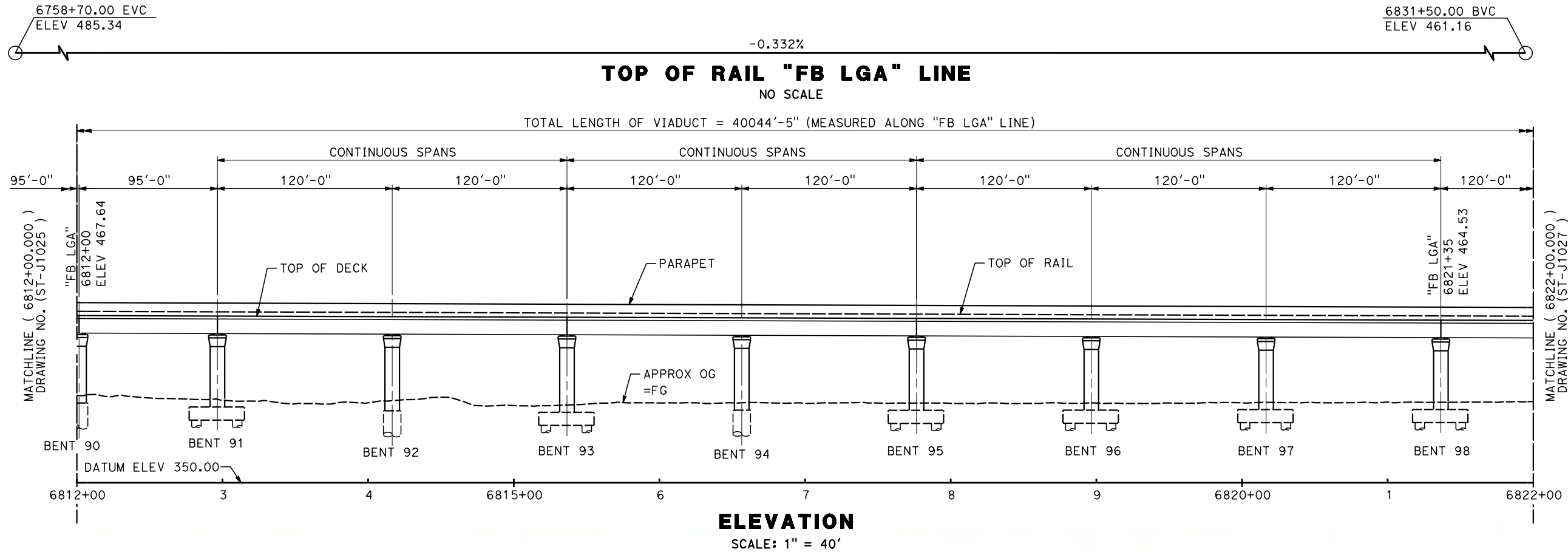


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6802+00 TO 6812+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1025
SCALE AS SHOWN
SHEET NO.

TYL\KBerry 10/14/2016 3:38:47 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N_BFSS\00_CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1026



PLAN
SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. HEREFORD

DRAWN BY
E. HEREFORD

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6812+00 TO 6822+00
PLAN AND ELEVATION

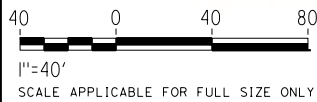
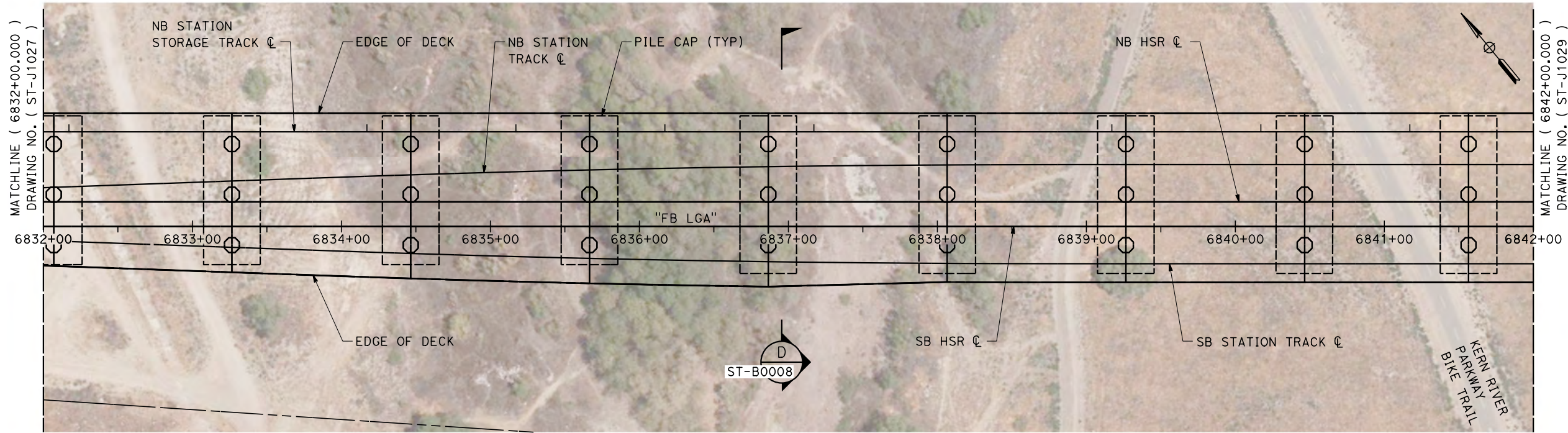
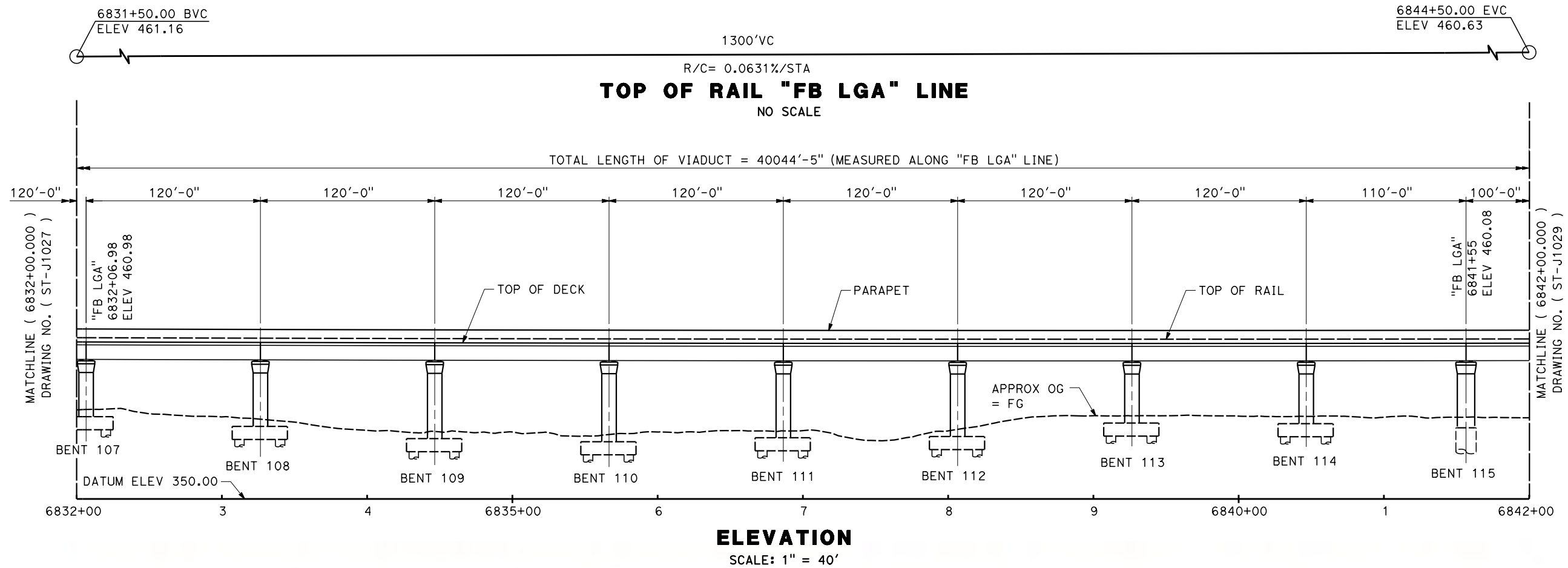
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1026

SCALE
AS SHOWN

SHEET NO.

TYL\Kerry 10/14/2016 3:39:49 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1028



PLAN
SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. HEREFORD

DRAWN BY
E. HEREFORD

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

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CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6832+00 TO 6842+00
PLAN AND ELEVATION

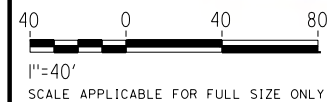
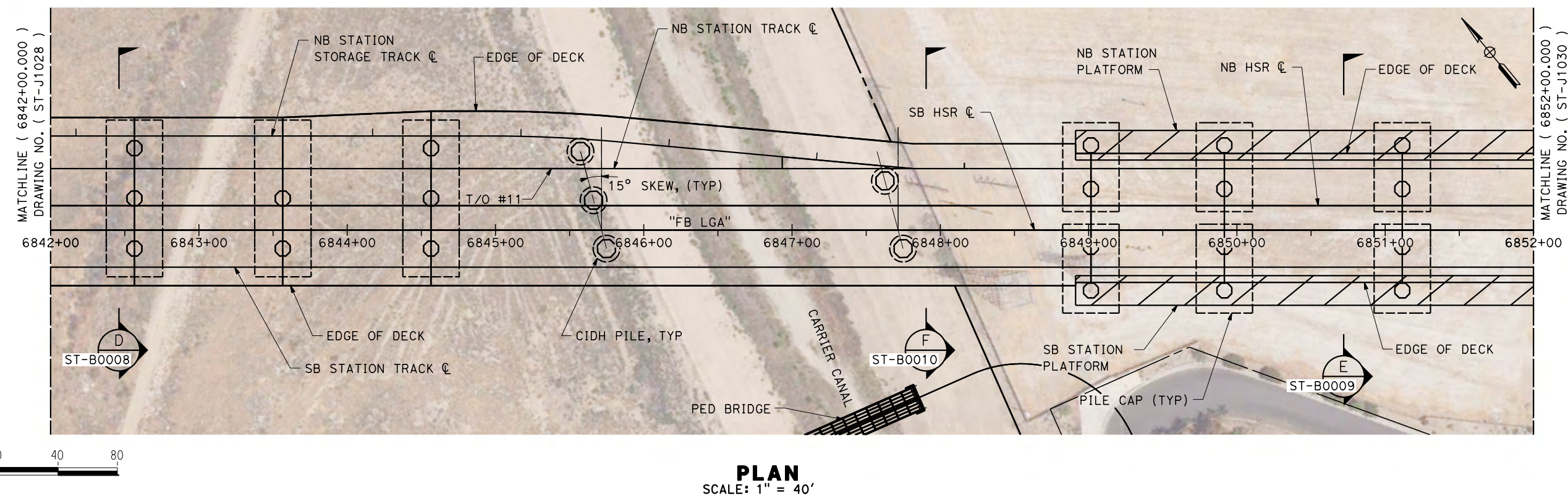
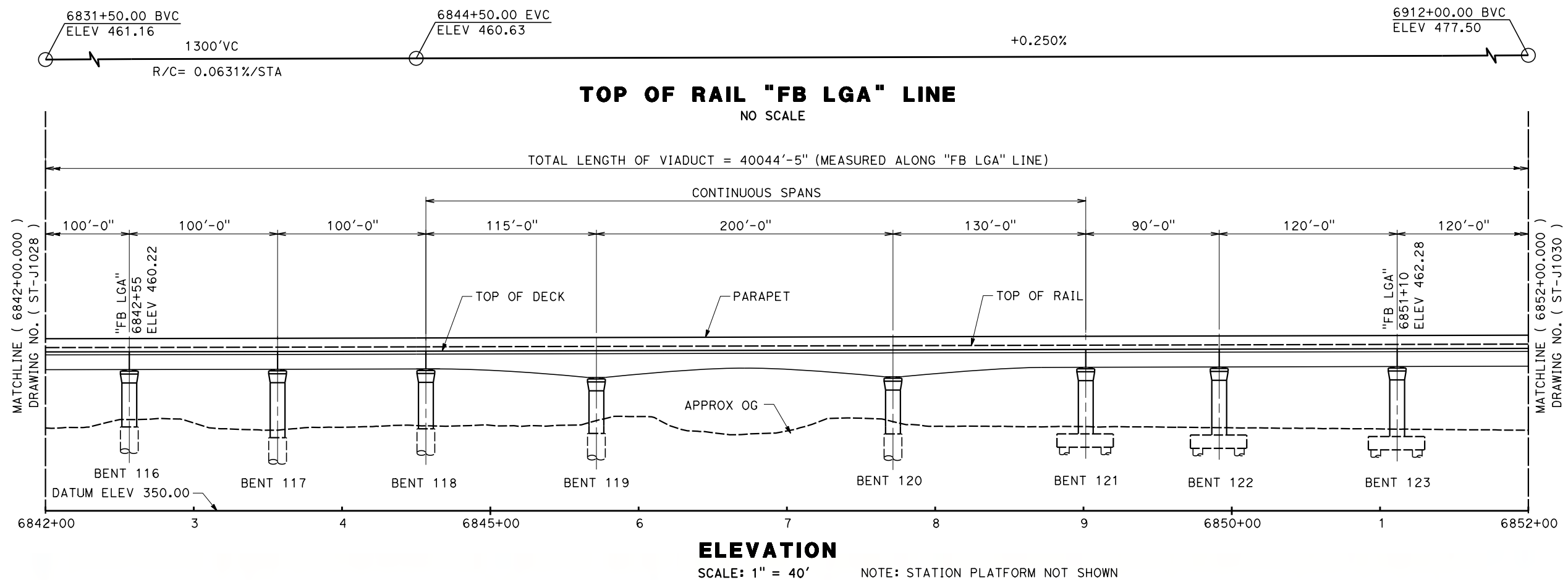
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1028

SCALE
AS SHOWN

SHEET NO.

TYL\KBerry 10/14/2016 3:40:29 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1029



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. HEREFORD
DRAWN BY
E. HEREFORD
CHECKED BY
S. DULOR
IN CHARGE
S. DULOR
DATE
10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

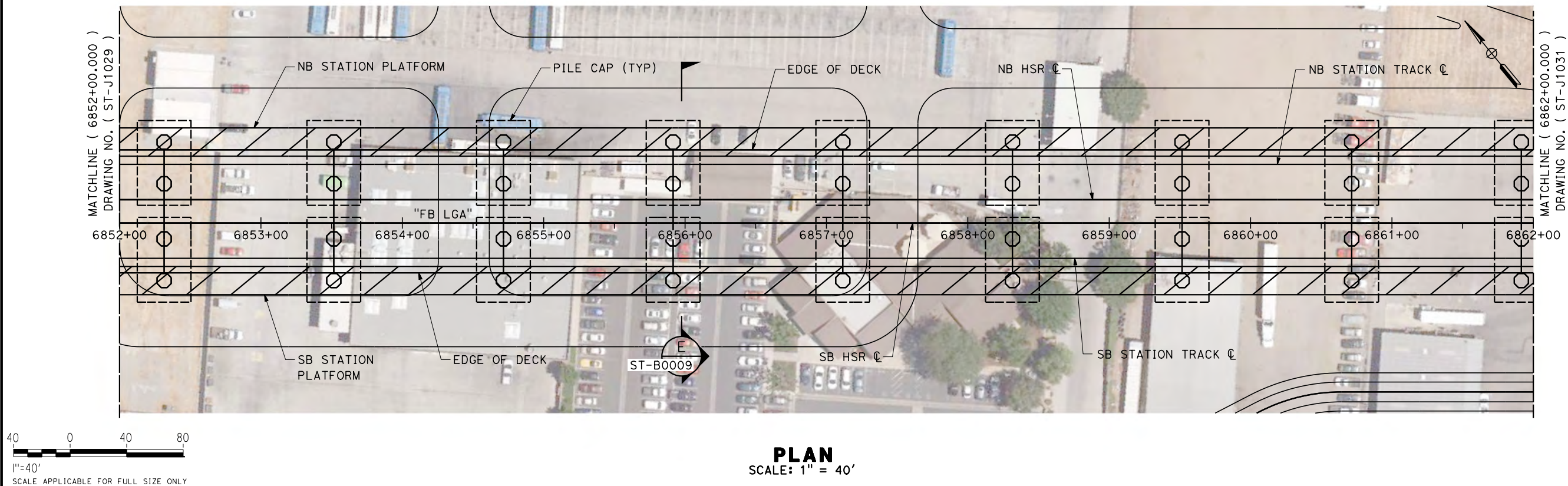
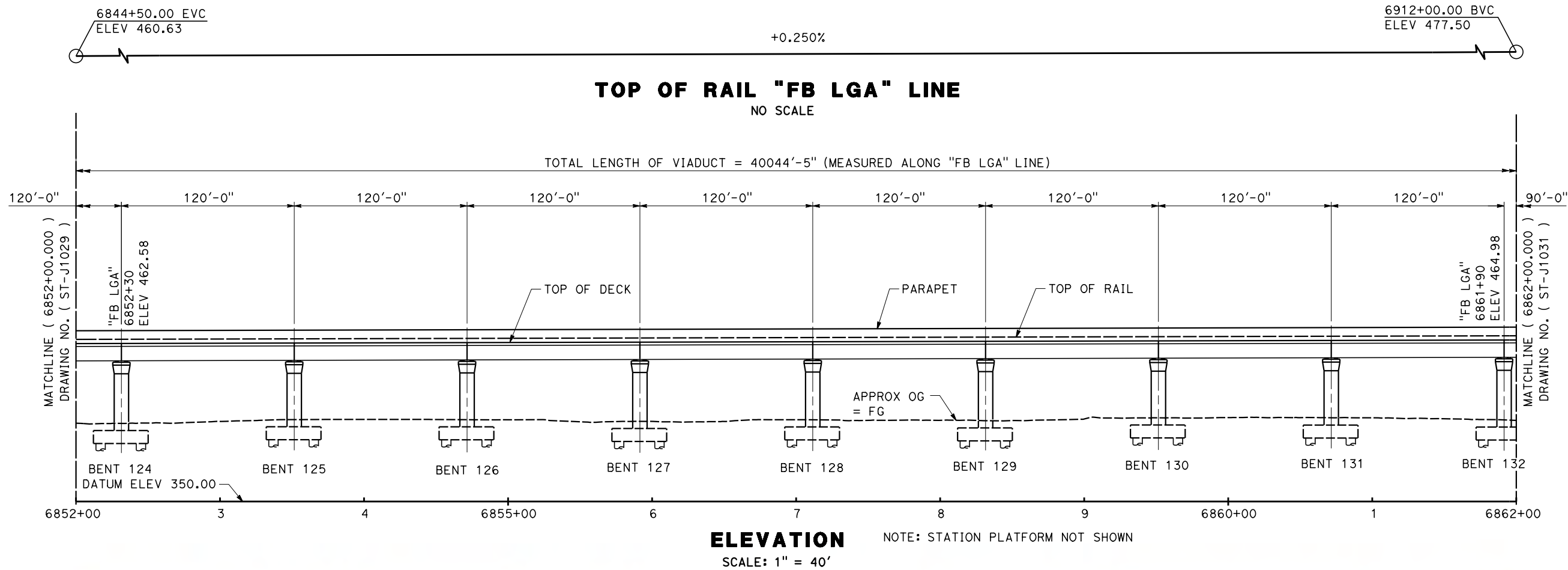
TYLININTERNATIONAL



CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6842+00 TO 6852+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1029
SCALE AS SHOWN
SHEET NO.

TYL\KBerry 10/14/2016 4:11:21 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1030



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. HEREFORD

DRAWN BY
E. HEREFORD

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6852+00 TO 6862+00
PLAN AND ELEVATION

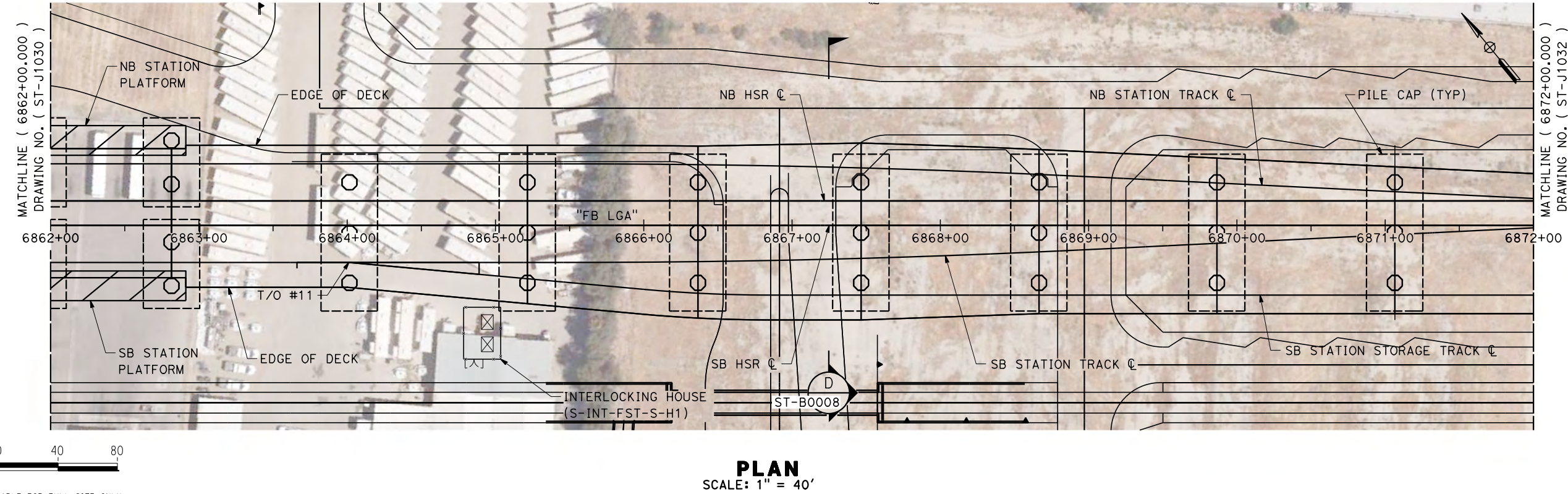
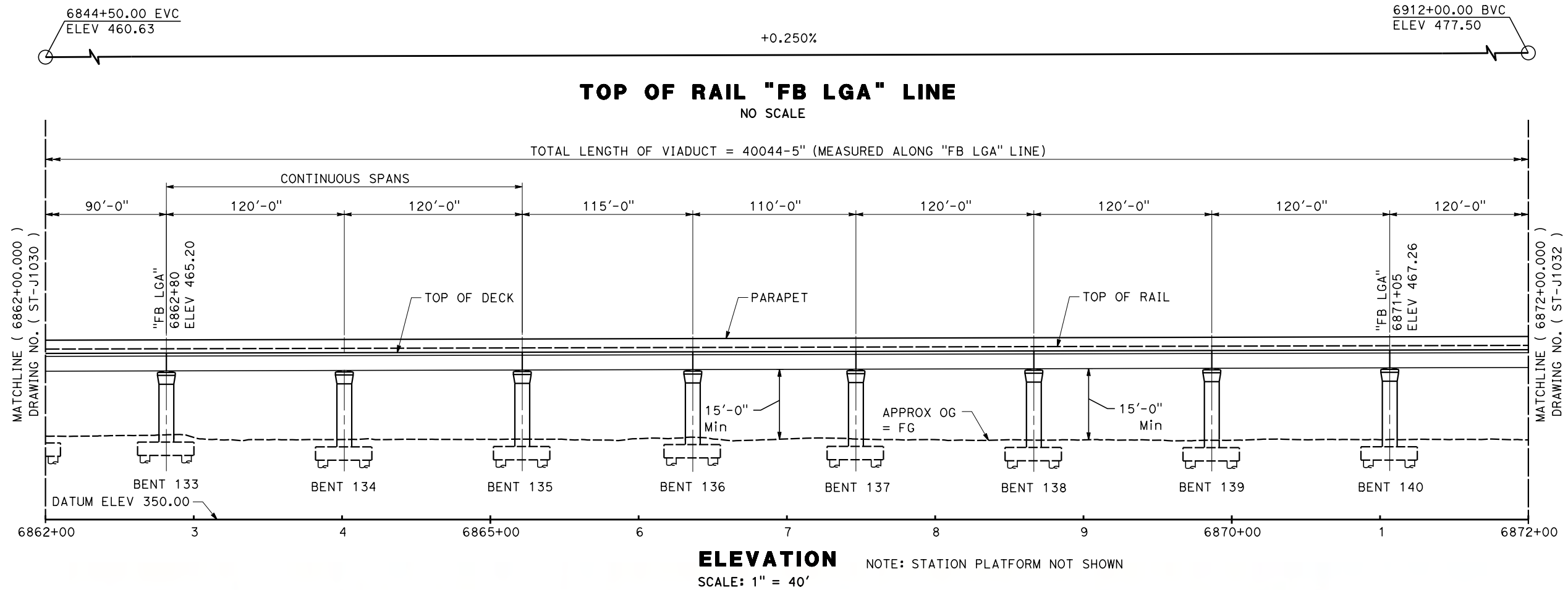
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1030

SCALE
AS SHOWN

SHEET NO.

TYL\Kerry 10/14/2016 4:11:25 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1031



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY E. HEREFORD
DRAWN BY E. HEREFORD
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
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SUBMISSION**

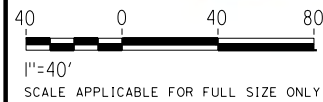
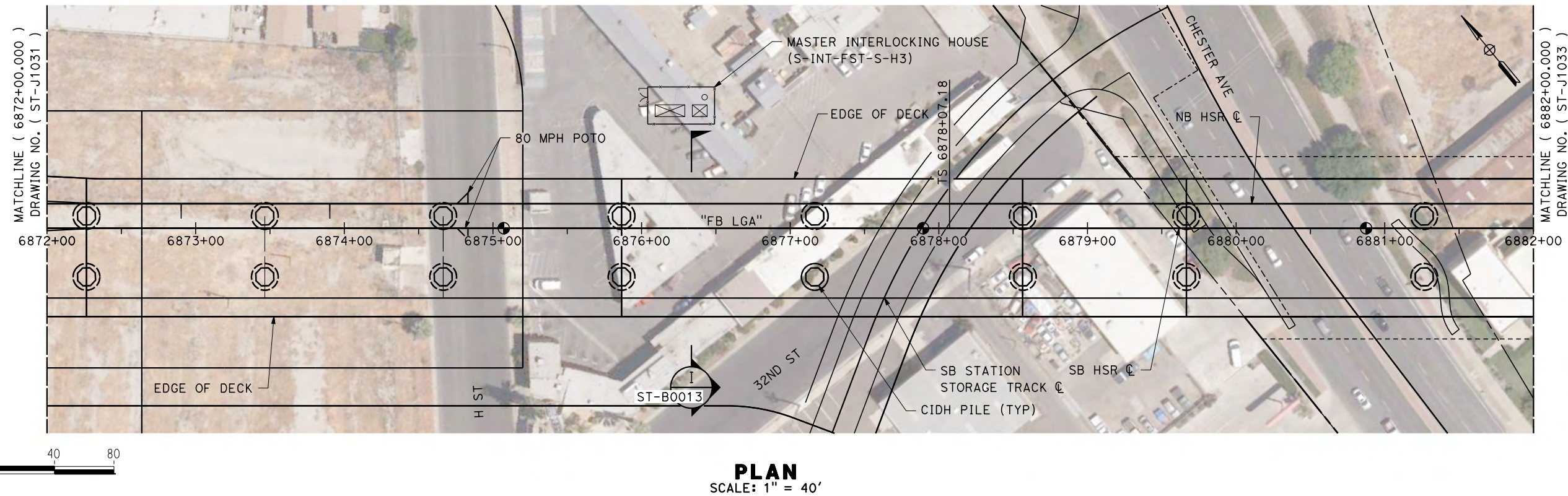
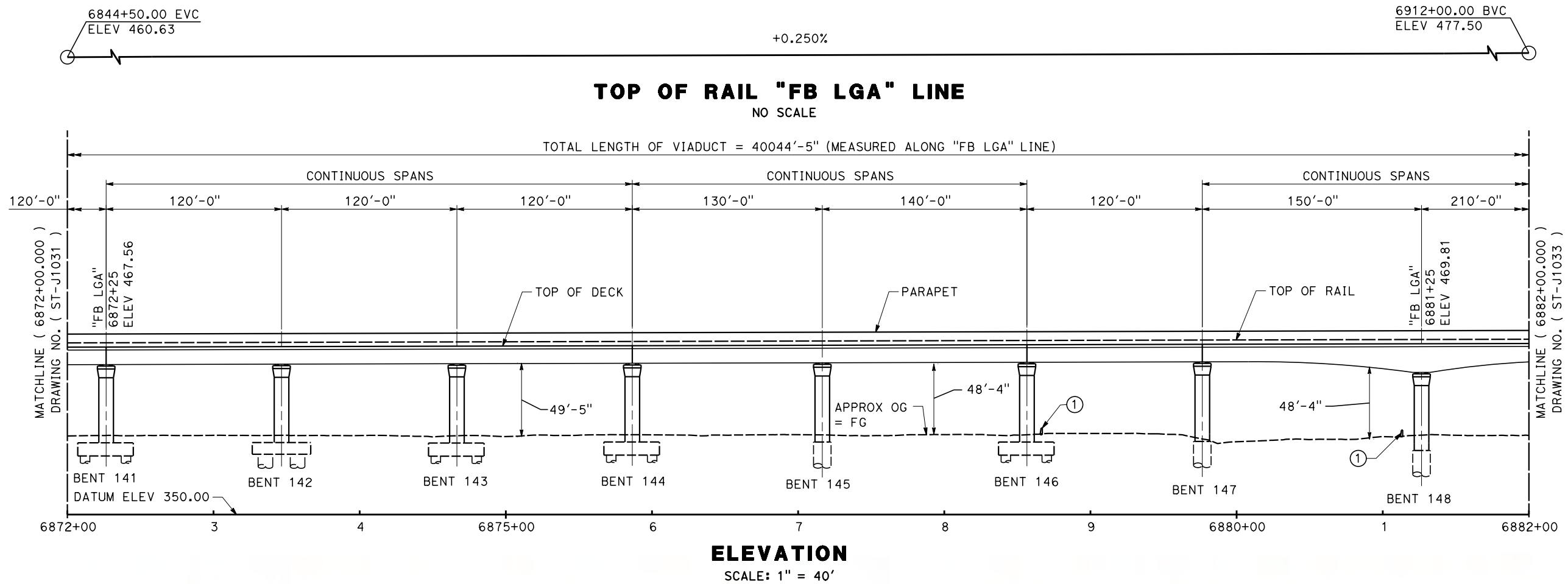
TYLININTERNATIONAL



CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6862+00 TO 6872+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1031
SCALE AS SHOWN
SHEET NO.

TYLIN\Kerry 10/14/2016 3:40:48 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1032



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. HEREFORD

DRAWN BY
E. HEREFORD

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

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CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6872+00 TO 6882+00
PLAN AND ELEVATION

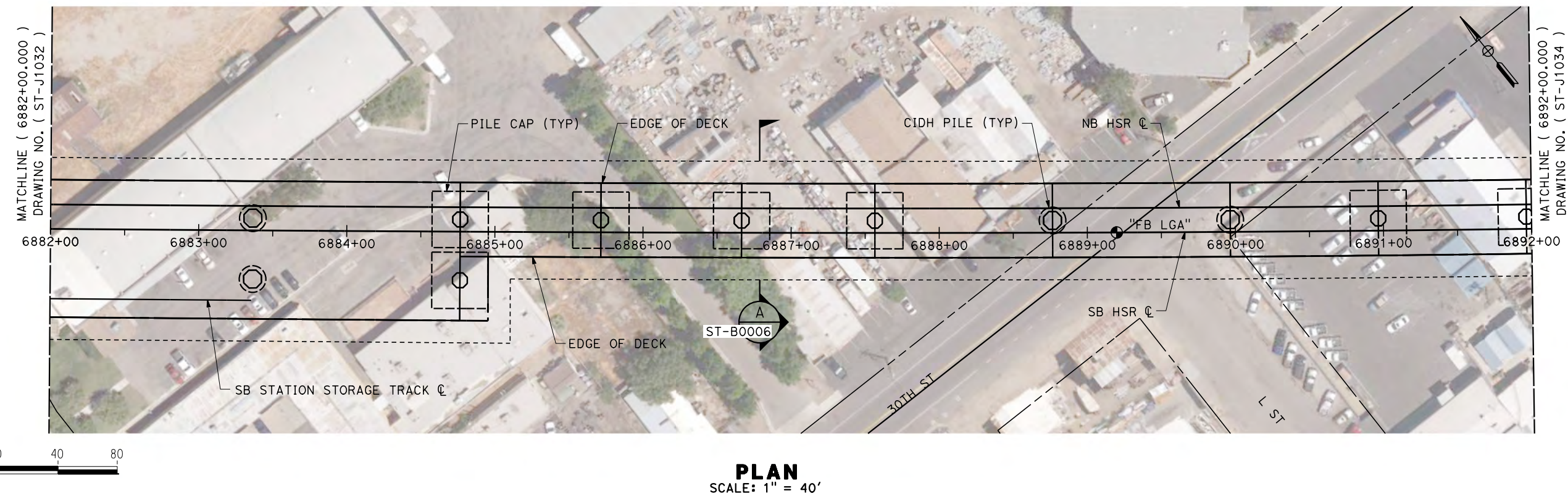
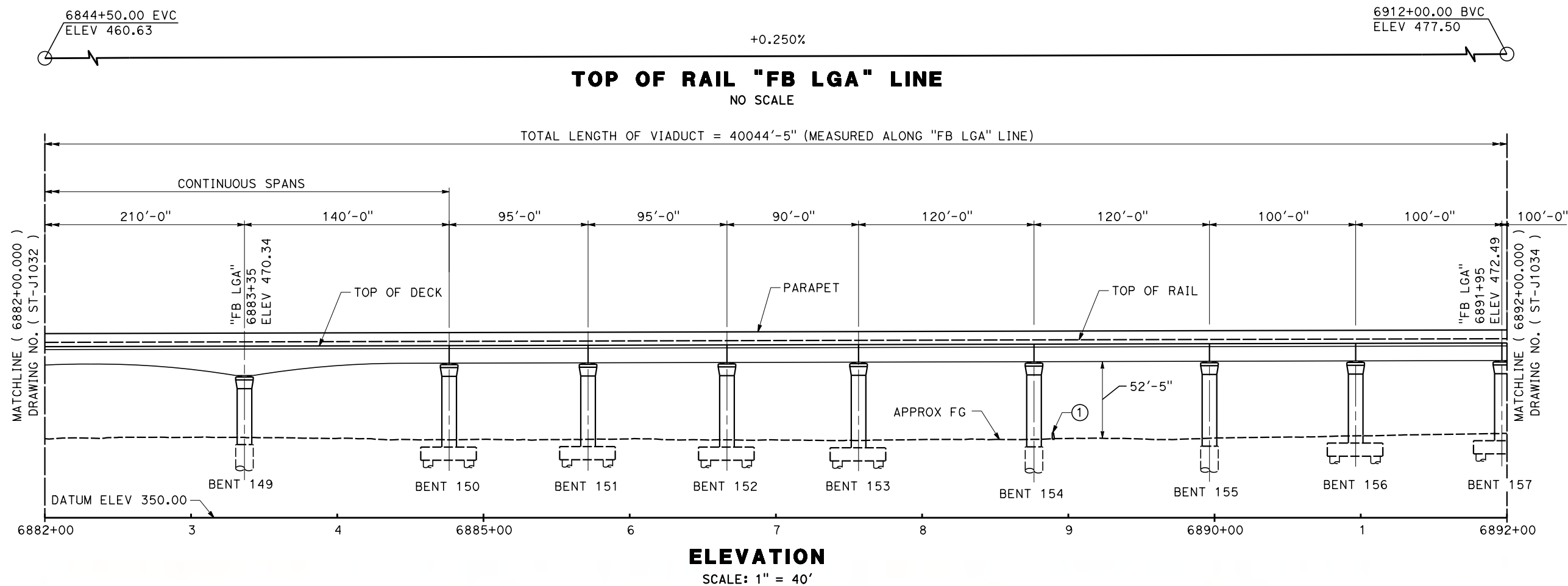
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1032

SCALE
AS SHOWN

SHEET NO.

TYL\KBerry 10/14/2016 3:41:05 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N\BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1033



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. HEREFORD

DRAWN BY
E. HEREFORD

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

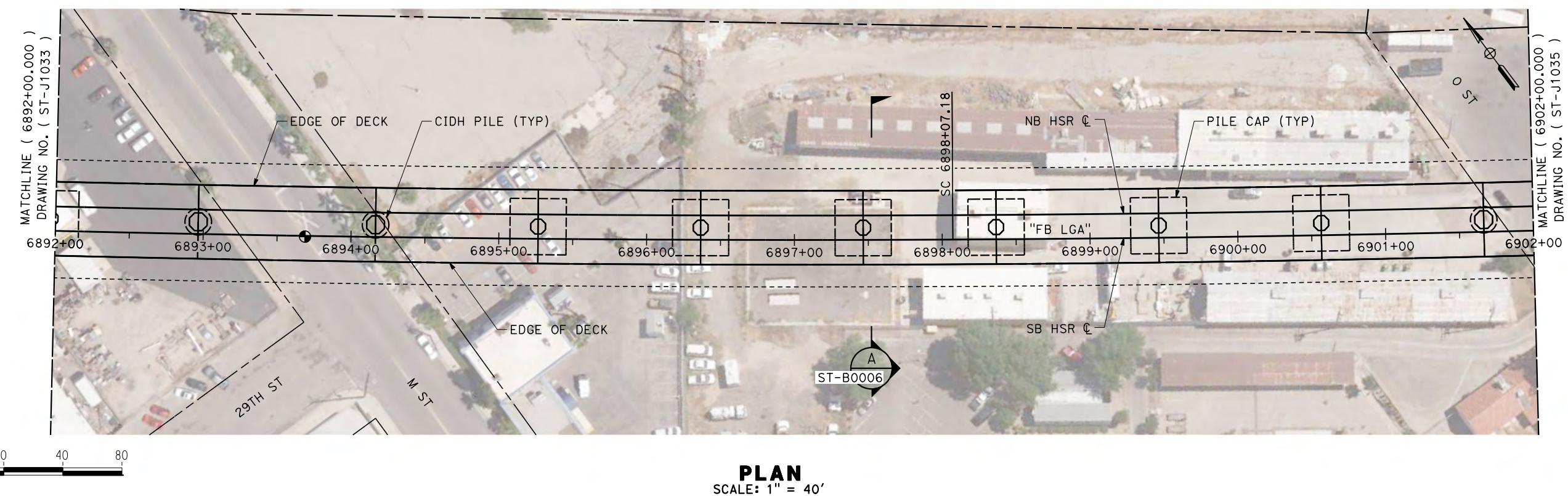
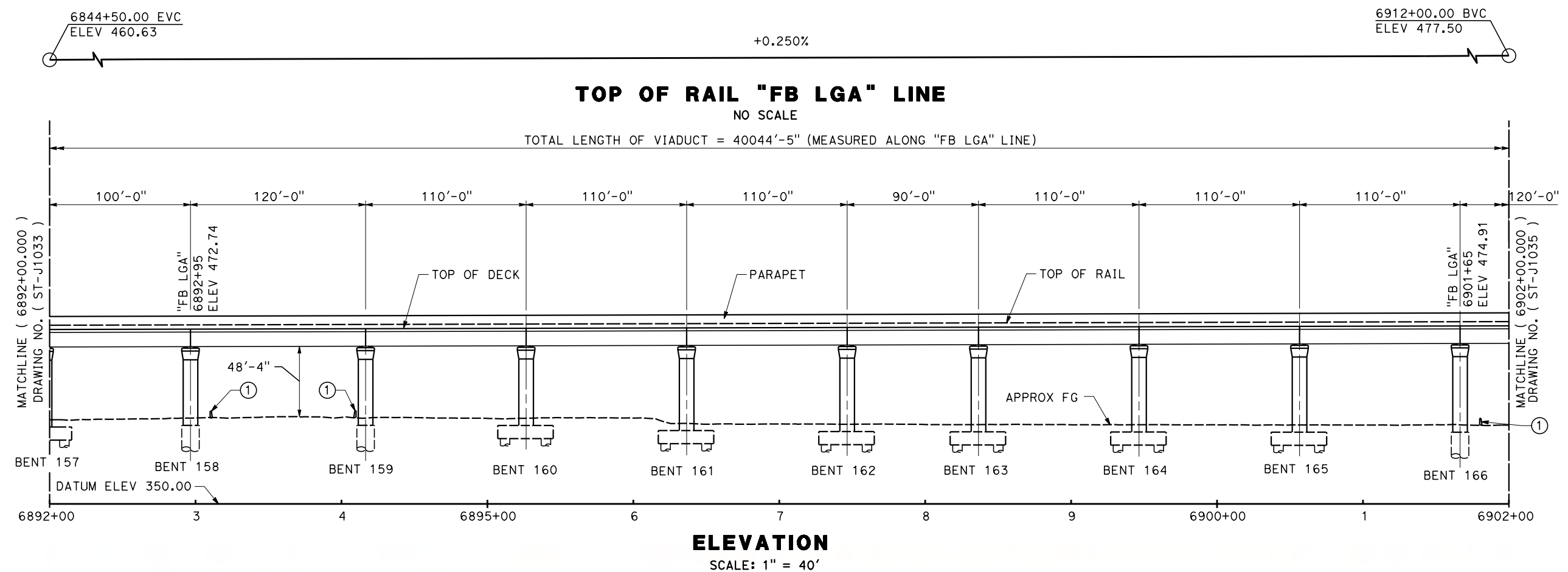
CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6882+00 TO 6892+00
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

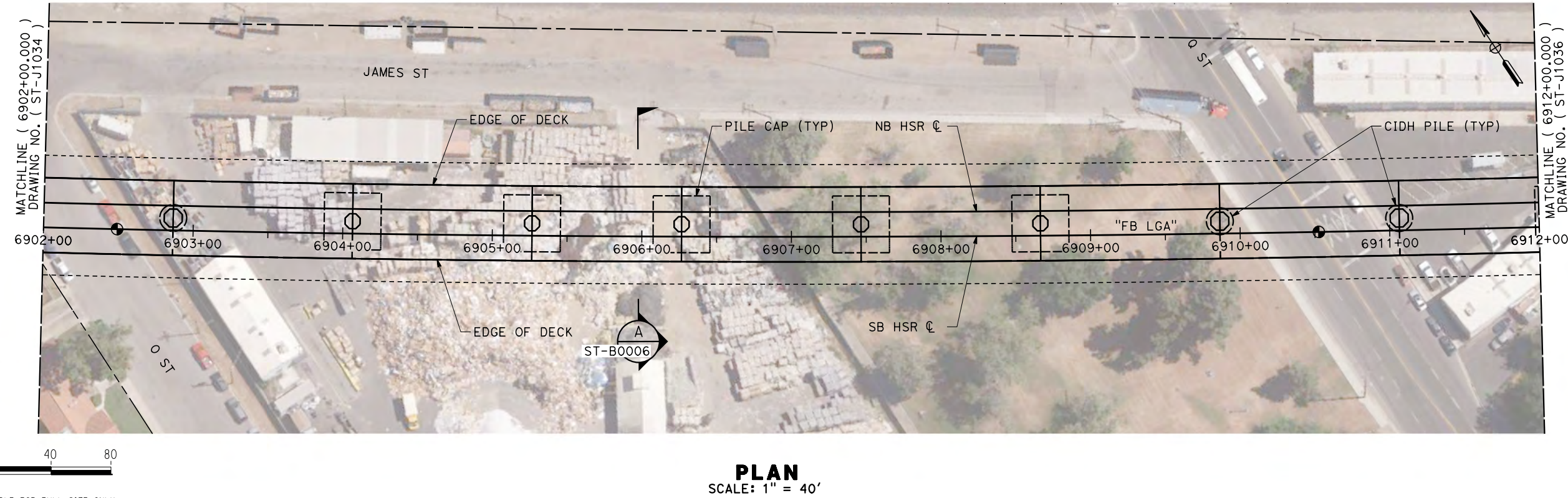
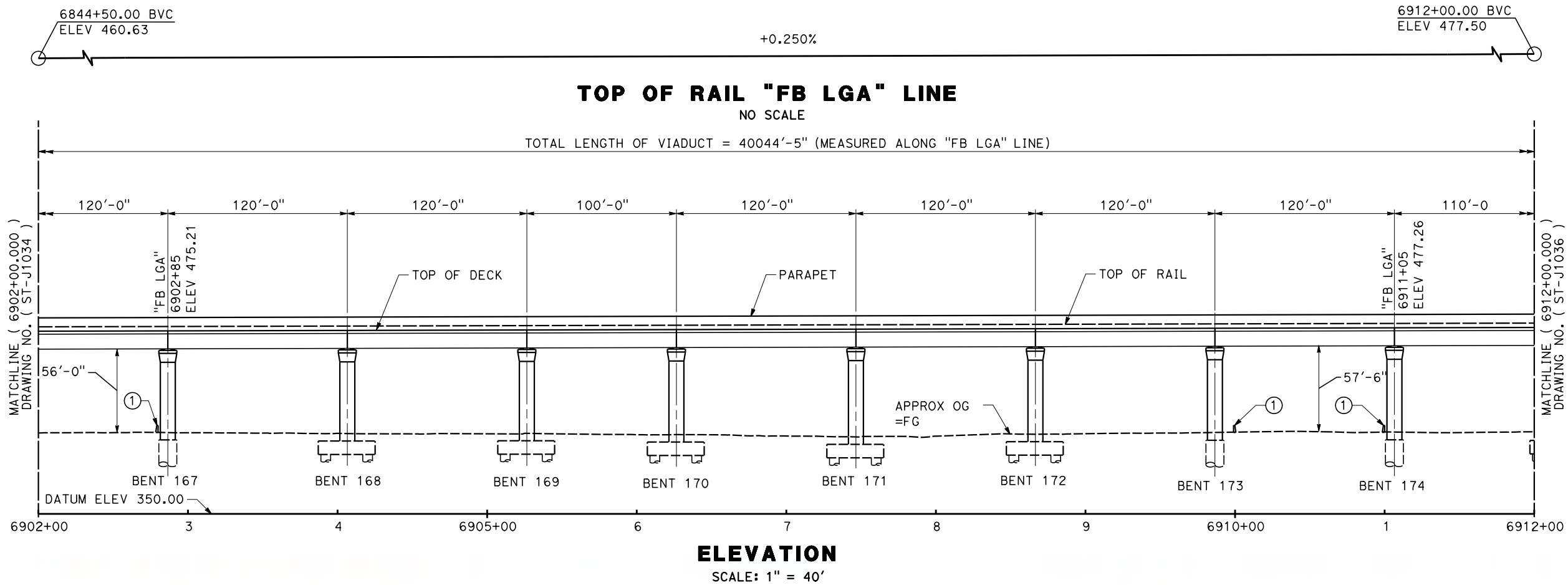
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SCALE
AS SHOWN

SHEET NO.

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TYLIN\Kerry 10/14/2016 3:41:16 PM \$PLTDRV\$\$ \$PENTBL\$ \$



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. HEREFORD

DRAWN BY
E. HEREFORD

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET

PEPD DESIGN

SUBMISSION

TYLININTERNATIONAL



CALIFORNIA HIGH-SPEED RAIL PROJECT

FRESNO TO BAKERSFIELD

LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6902+00 TO 6912+00
PLAN AND ELEVATION

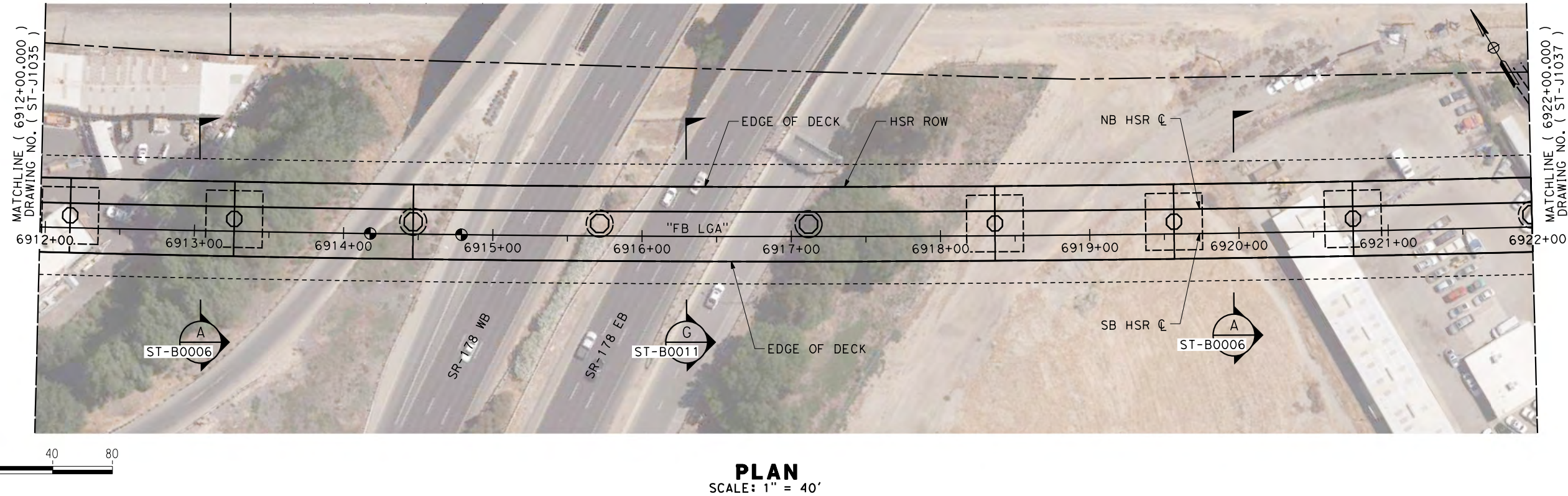
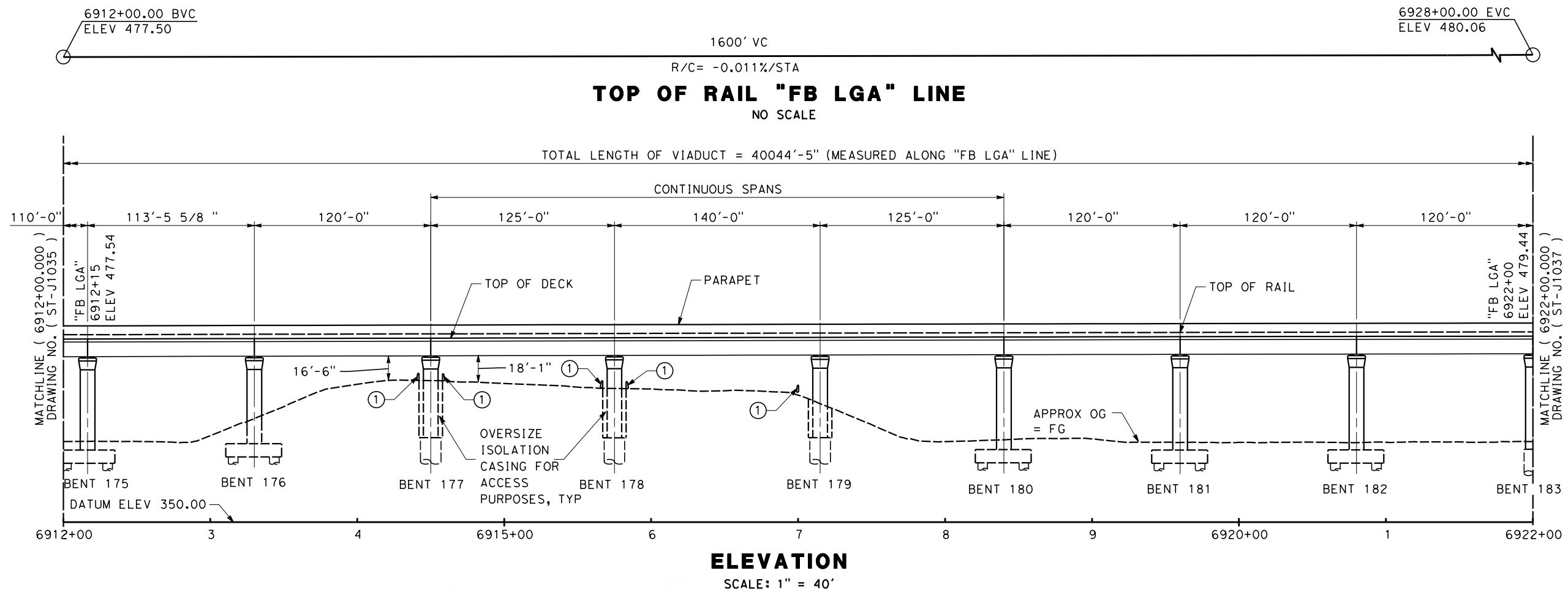
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1035

SCALE
AS SHOWN

SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
D. WILEY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6912+00 TO 6922+00
PLAN AND ELEVATION

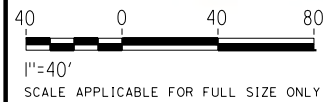
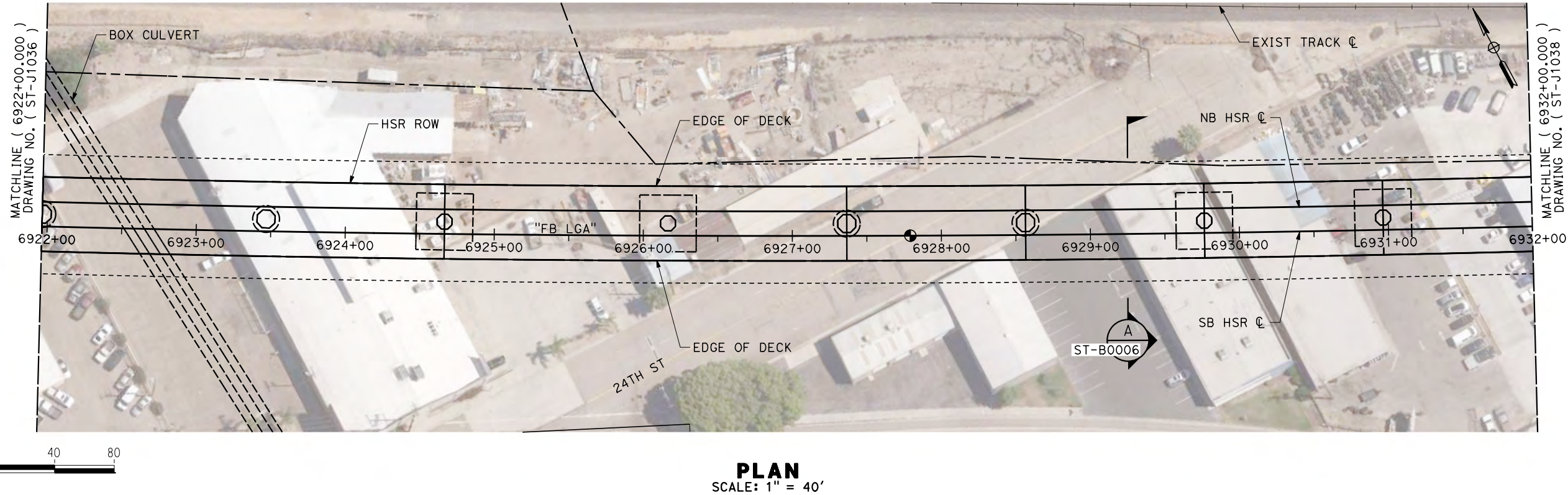
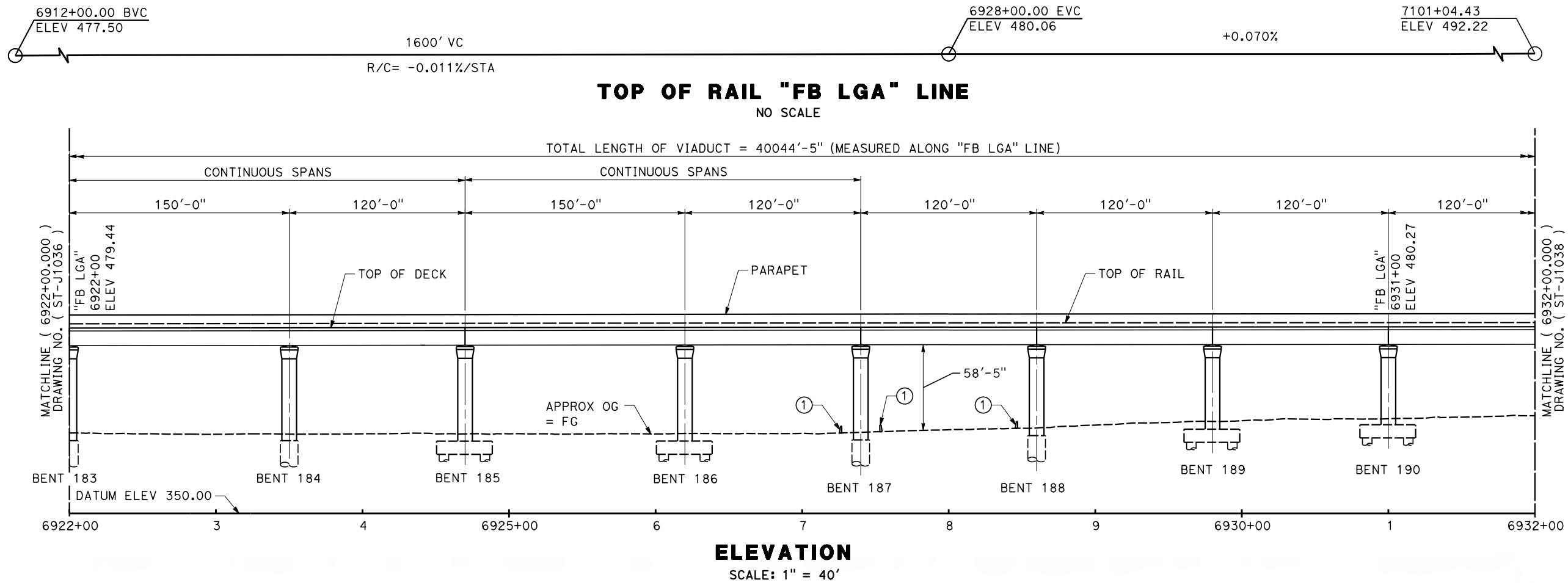
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1036

SCALE
AS SHOWN

SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

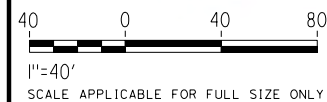
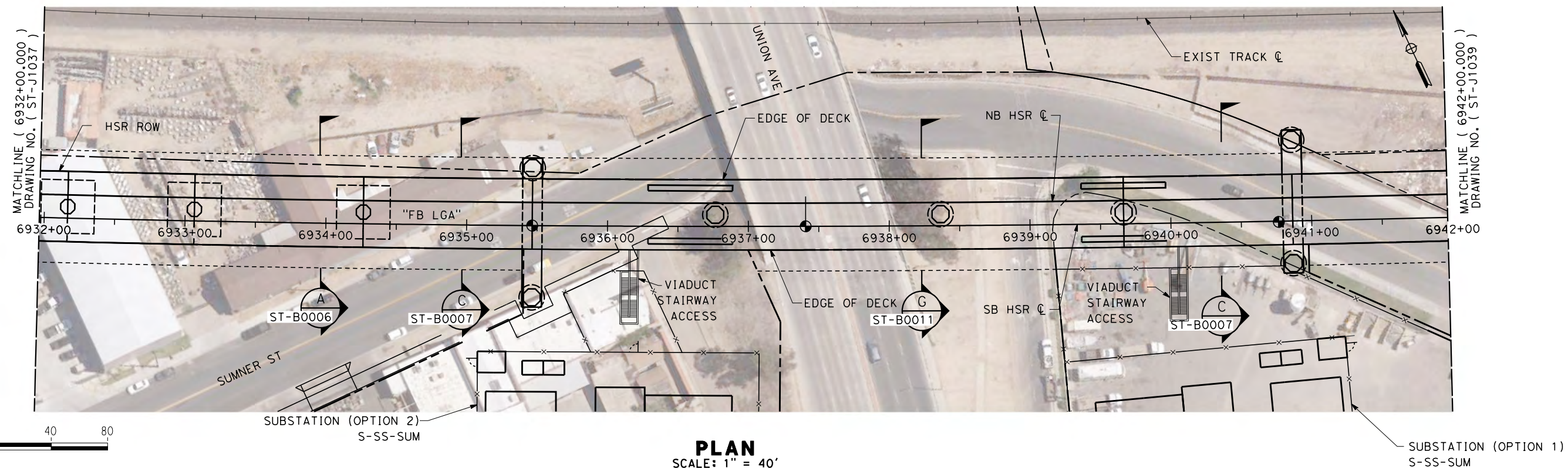
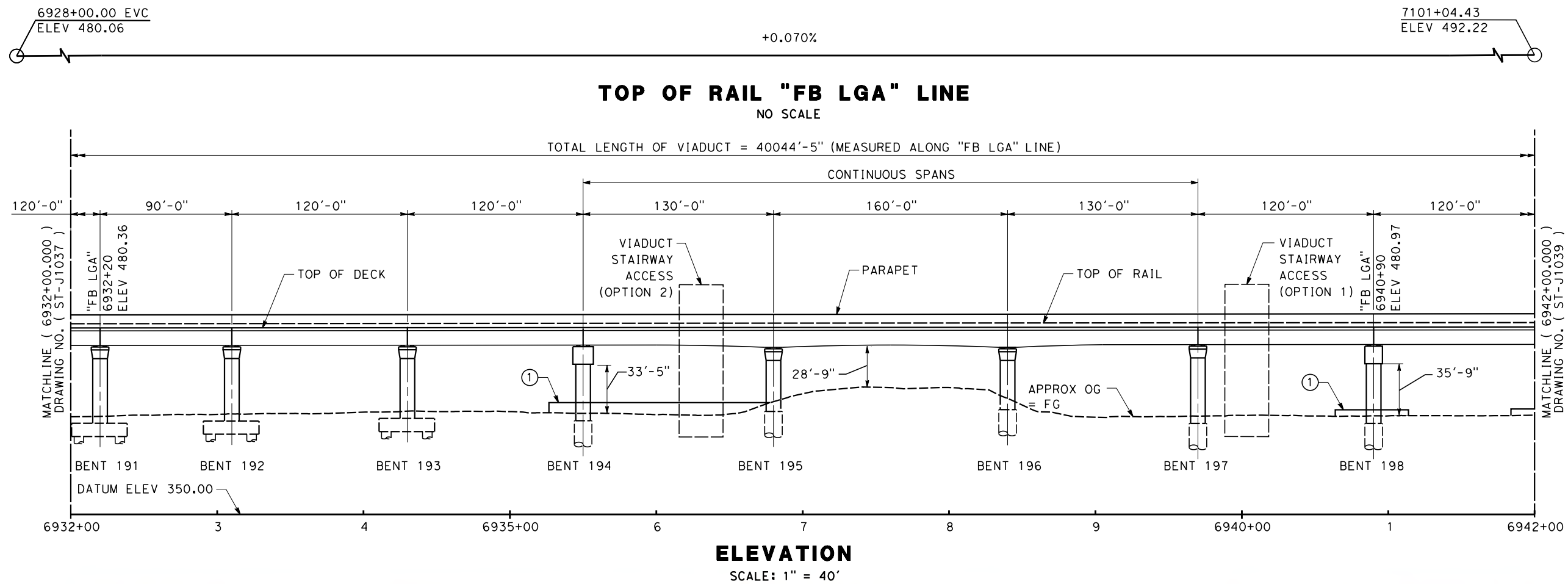
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SUBMISSION



CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6922+00 TO 6932+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1037
SCALE AS SHOWN
SHEET NO.

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DESIGNED BY
N. METWASHLA

DRAWN BY
D. WILEY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6932+00 TO 6942+00
PLAN AND ELEVATION

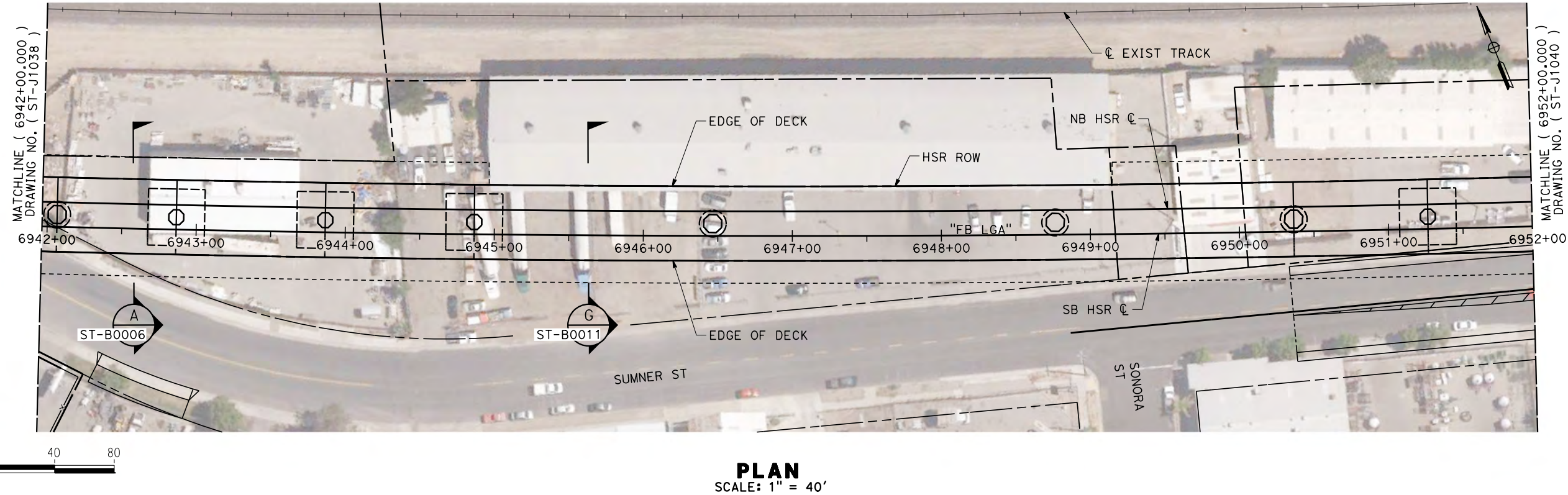
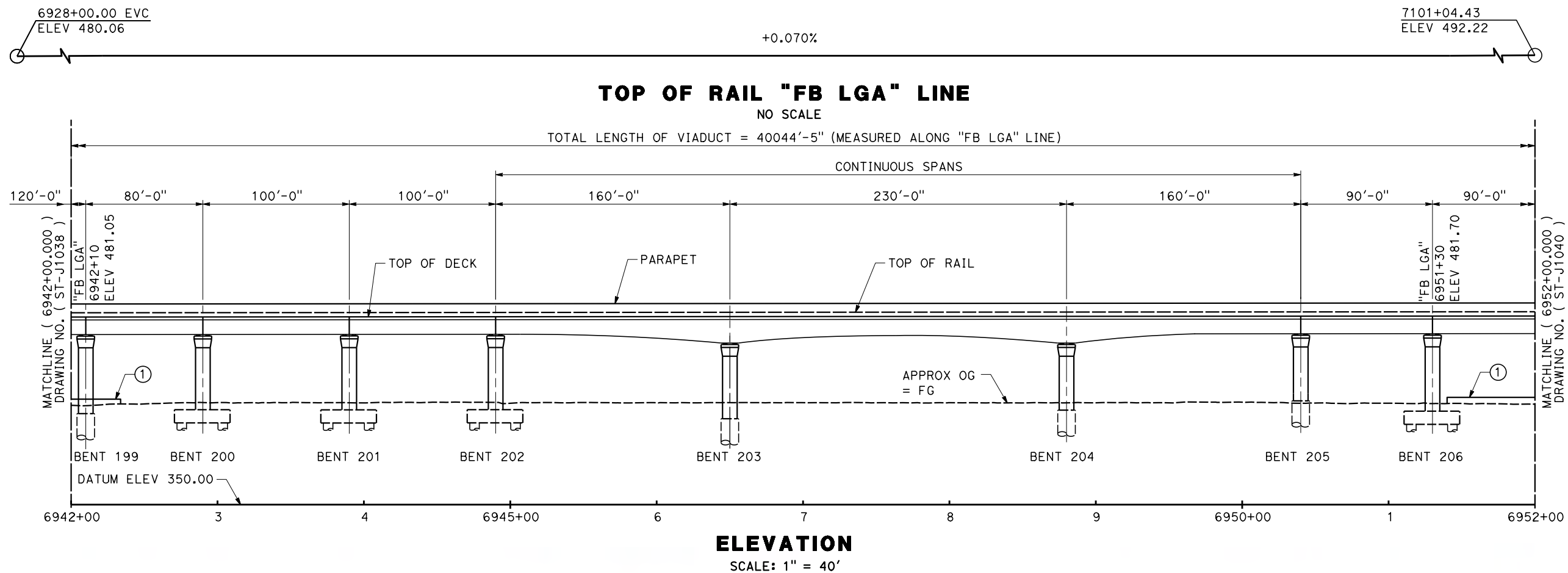
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1038

SCALE
AS SHOWN

SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
D. WILEY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6942+00 TO 6952+00
PLAN AND ELEVATION

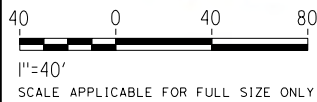
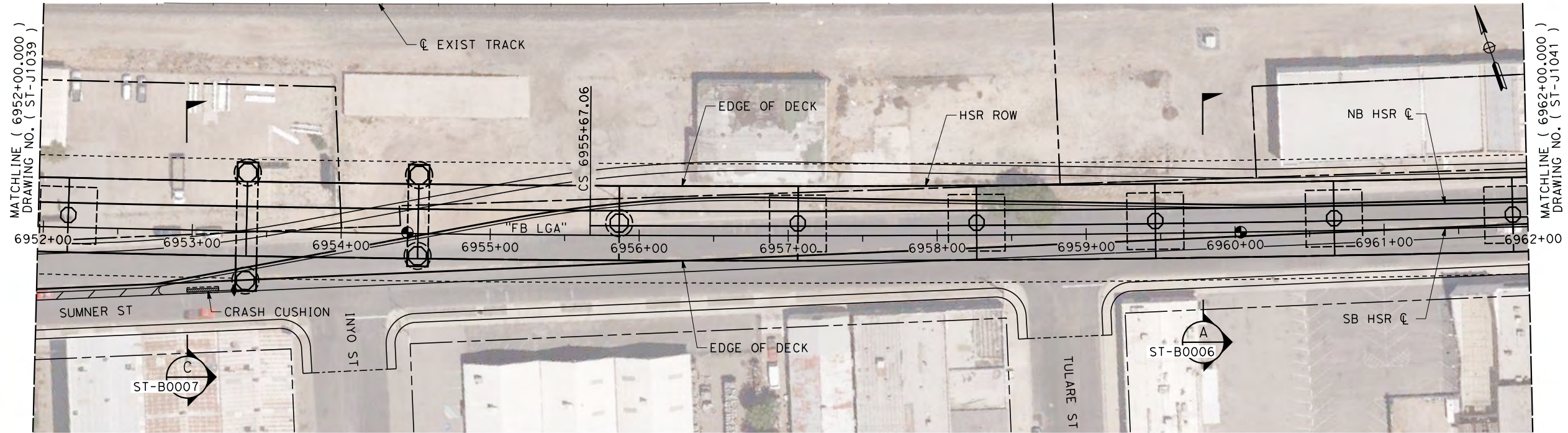
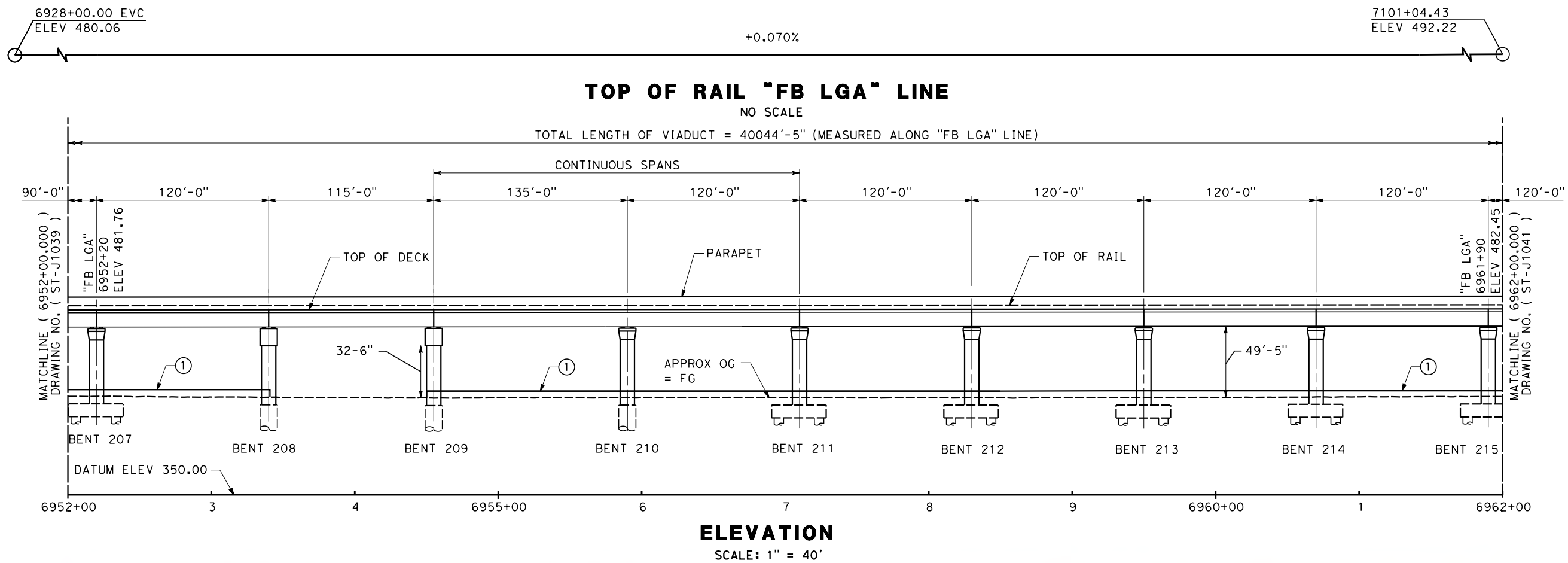
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HSR13-44

DRAWING NO.
ST-J1039

SCALE
AS SHOWN

SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
D. WILEY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6952+00 TO 6962+00
PLAN AND ELEVATION

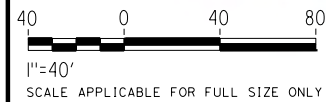
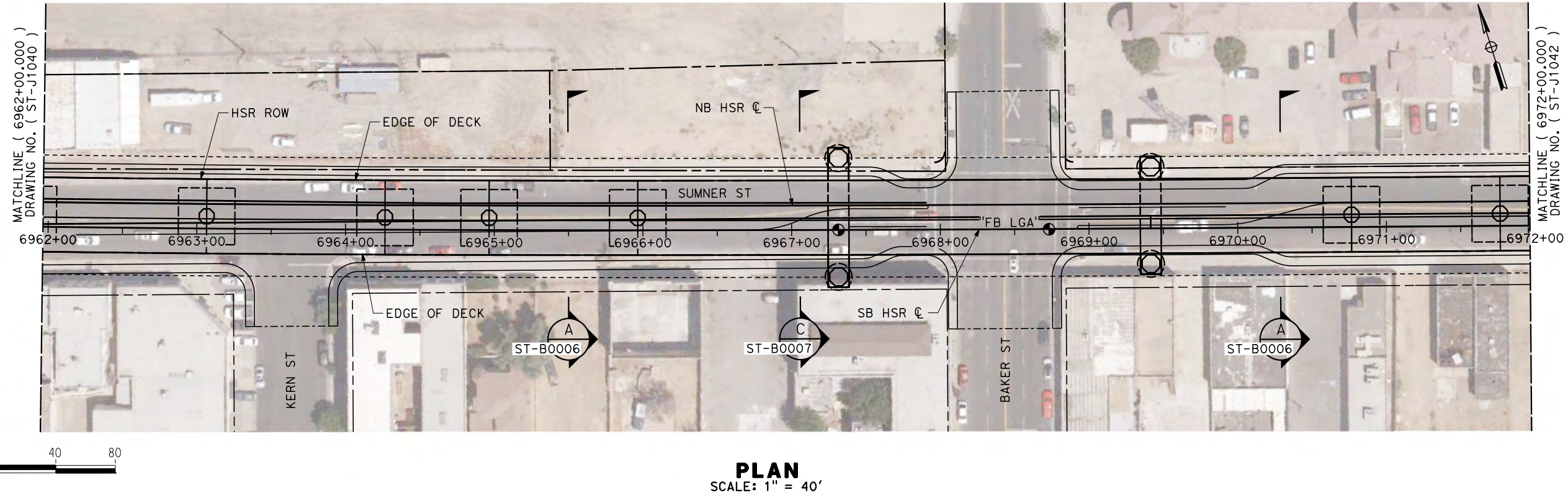
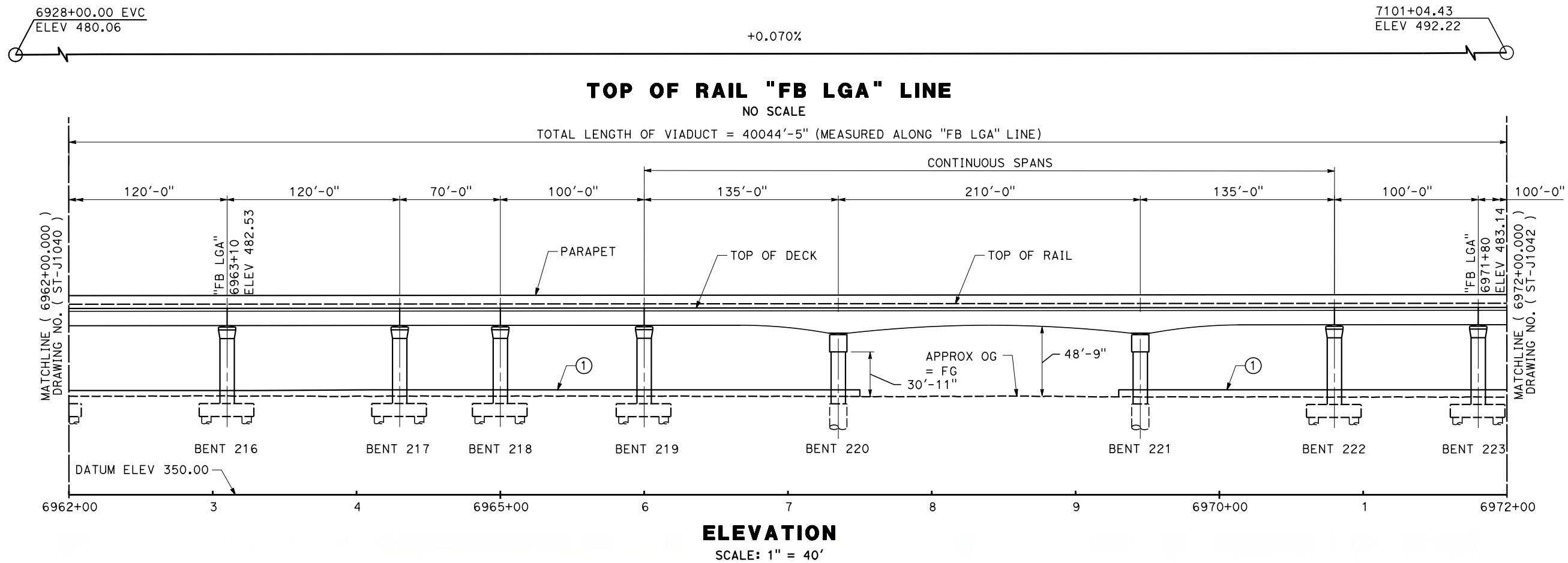
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HSR13-44

DRAWING NO.
ST-J1040

SCALE
AS SHOWN

SHEET NO.

TYL\KBerry 10/14/2016 3:39:42 PM \$PENTBLS\$ \$PLTDRVS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1041



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
N. METWASHLA

DRAWN BY
D. WILEY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6962+00 TO 6972+00
PLAN AND ELEVATION

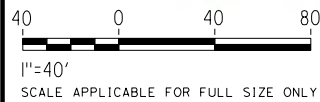
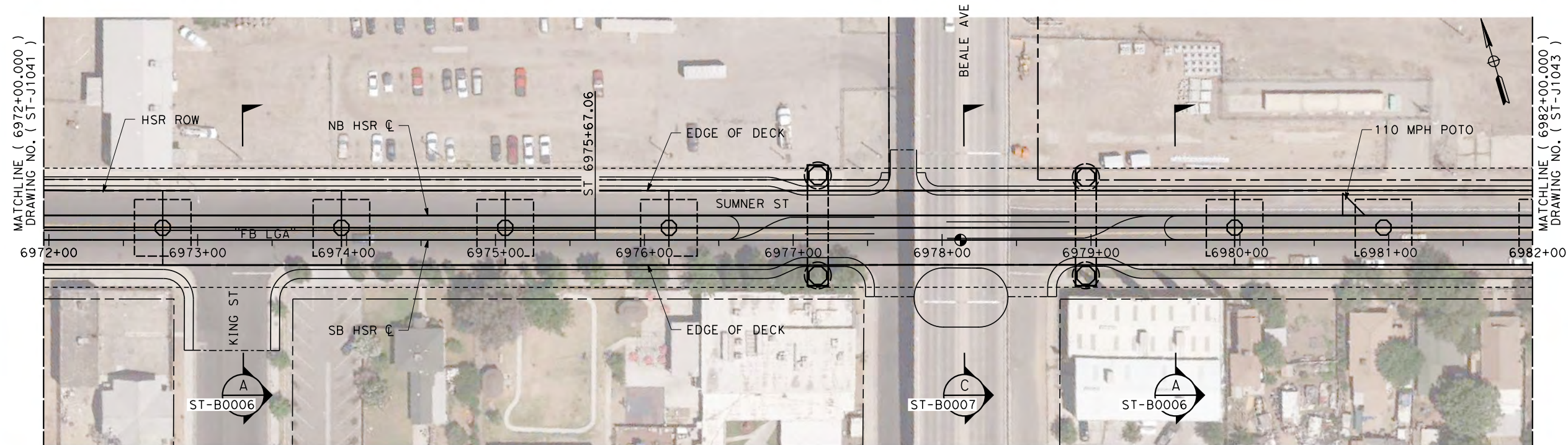
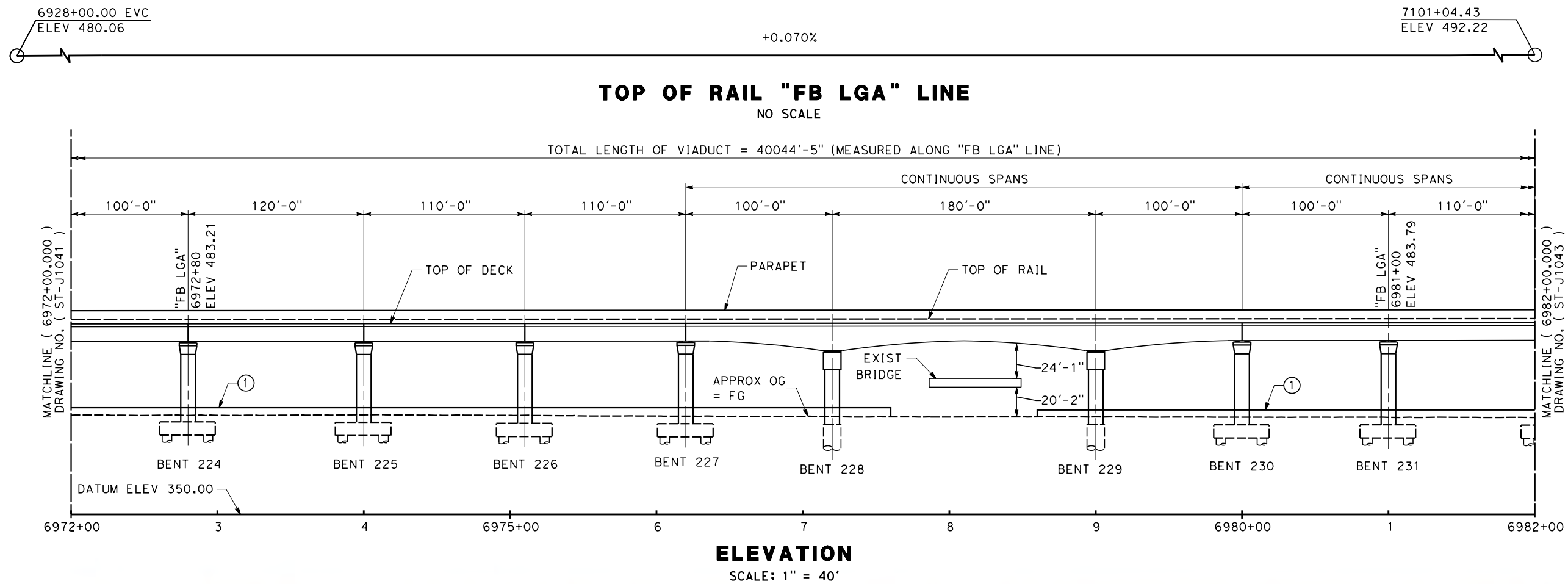
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1041

SCALE
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SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL

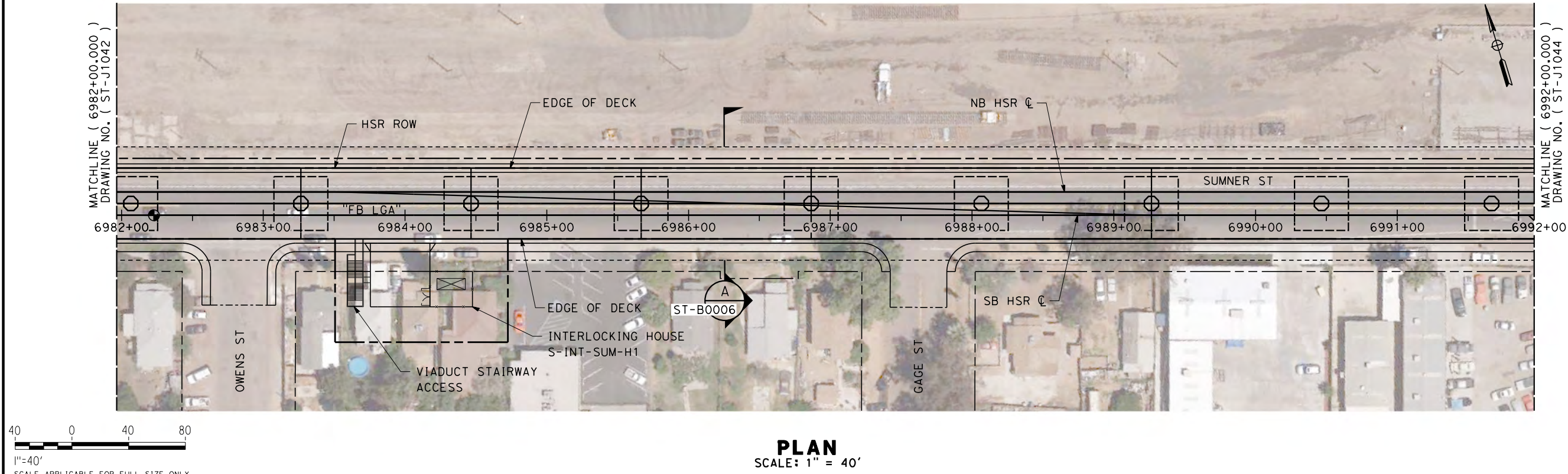
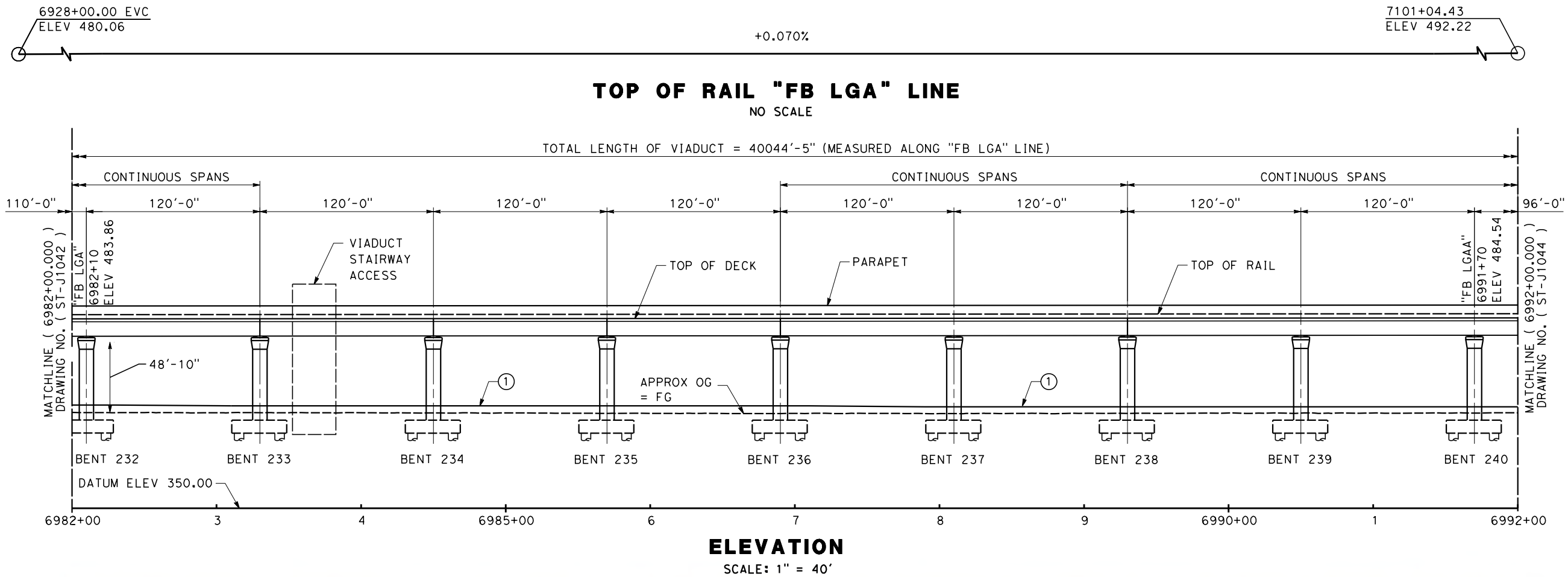


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6972+00 TO 6982+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1042
SCALE AS SHOWN
SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

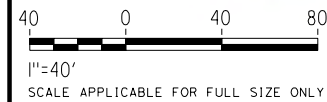
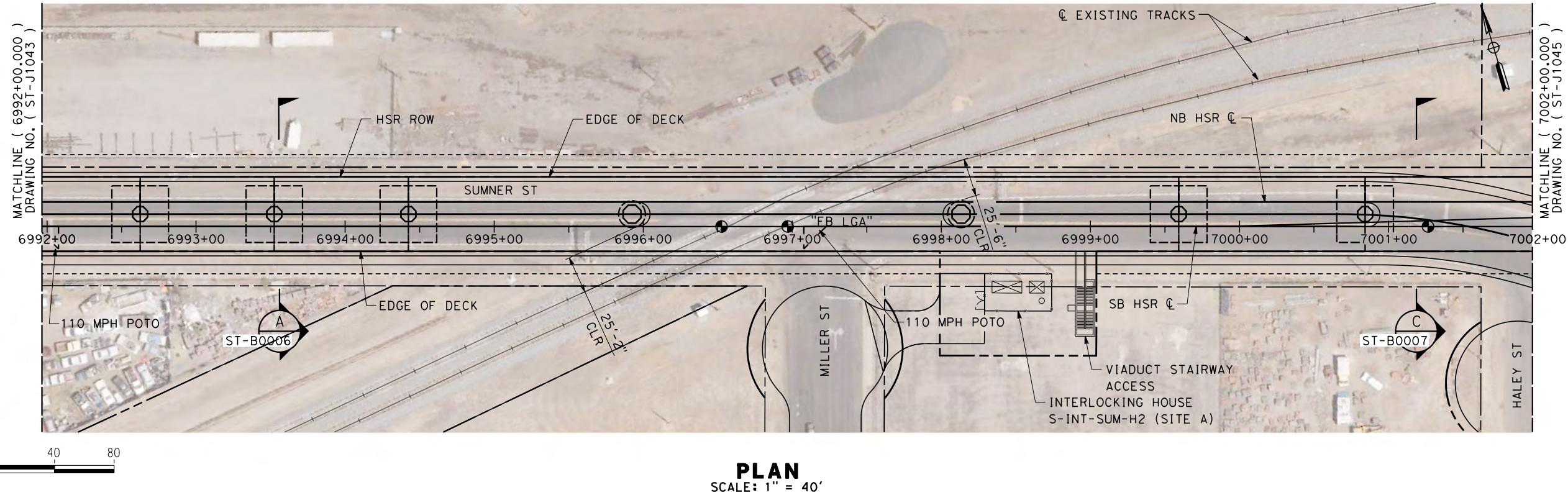
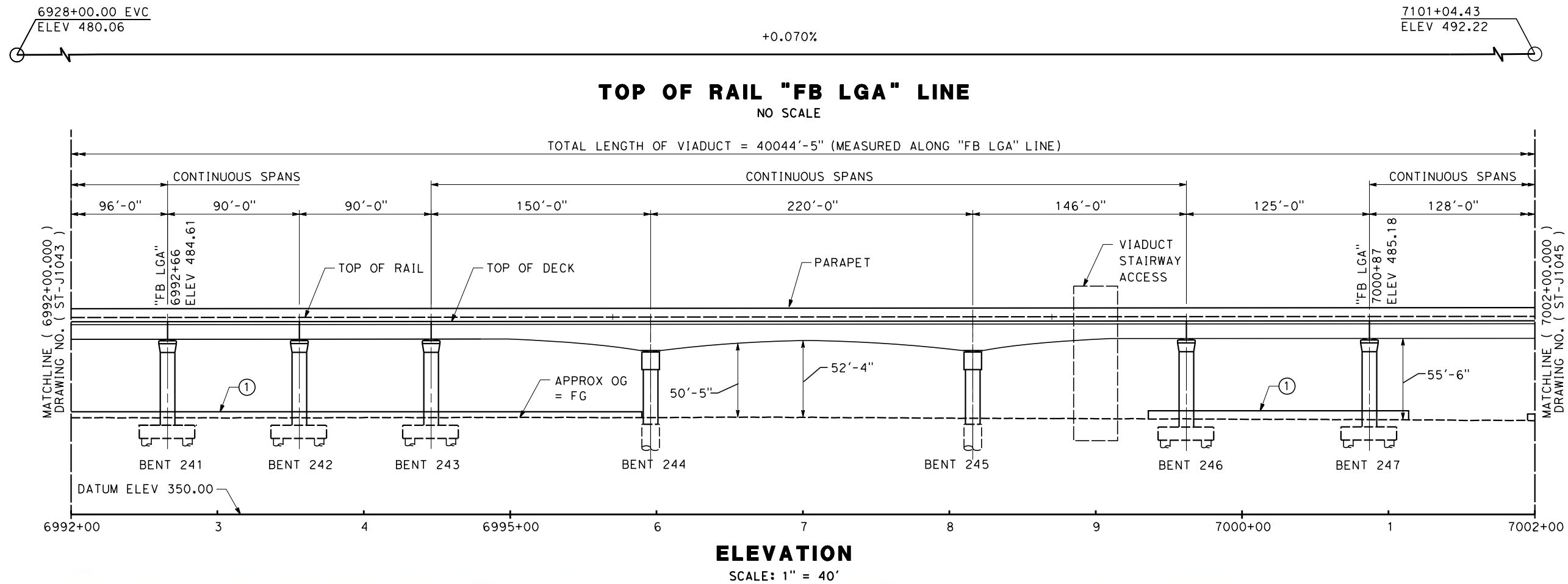
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PEPD DESIGN
SUBMISSION



CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6982+00 TO 6992+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1043
SCALE AS SHOWN
SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY N. METWASHLA
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CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

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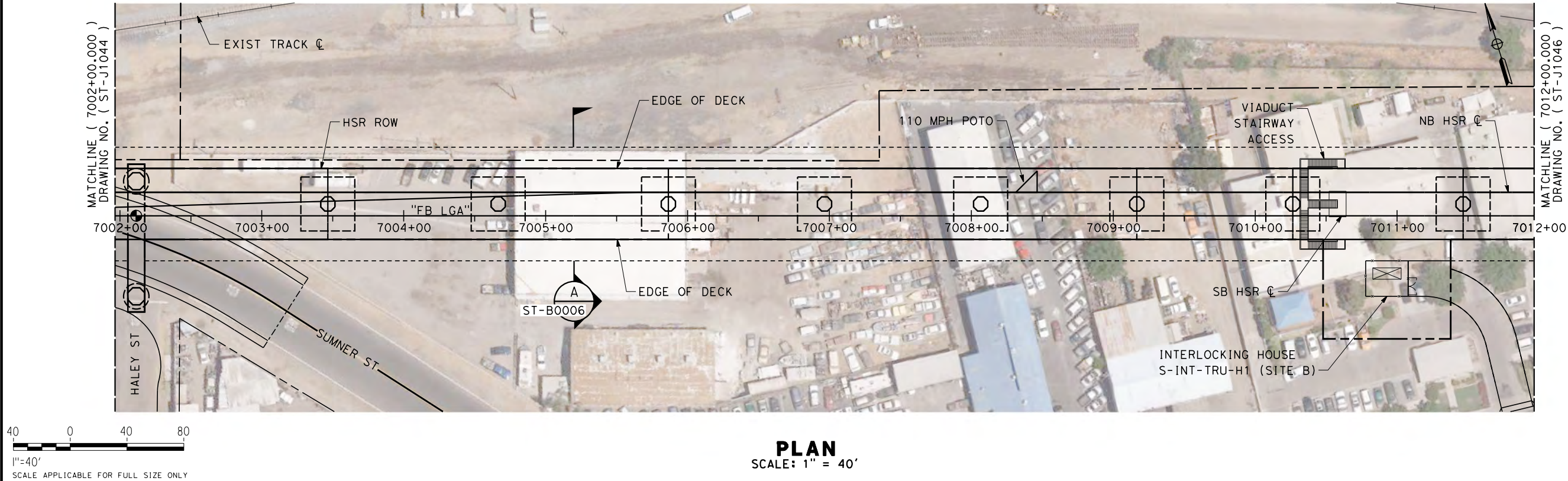
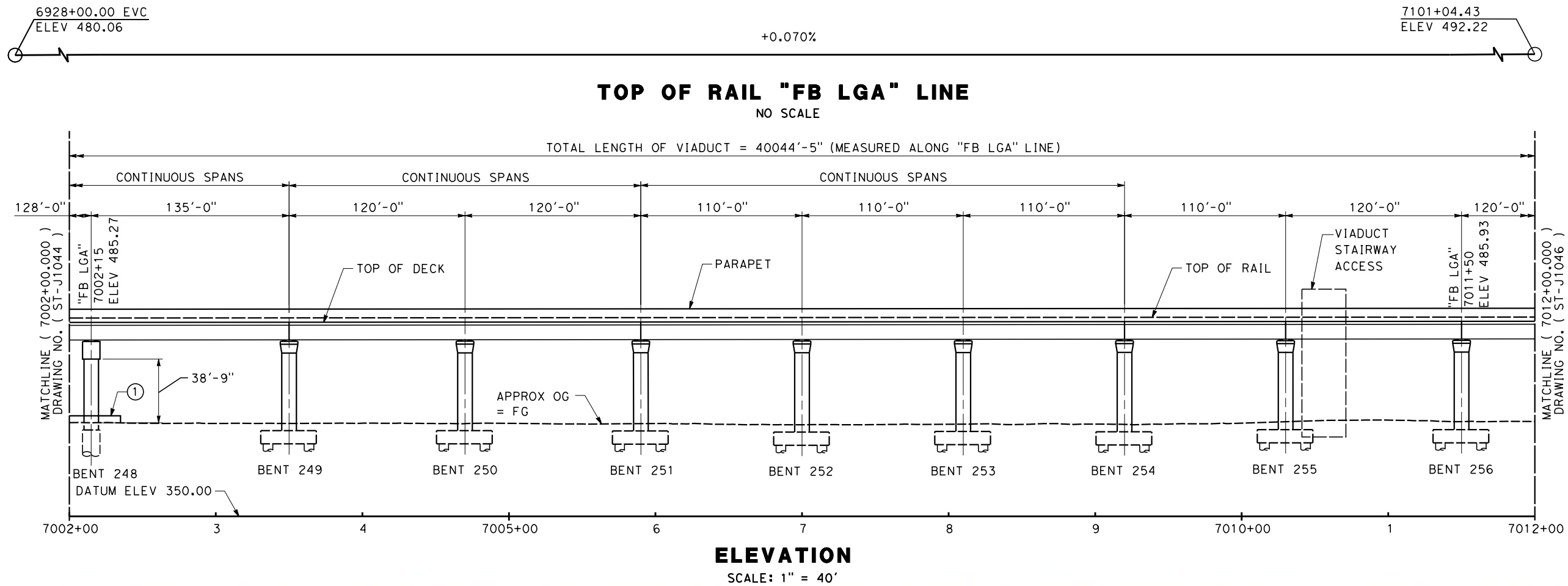


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 6992+00 TO 7002+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1044
SCALE AS SHOWN
SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY D. WILEY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

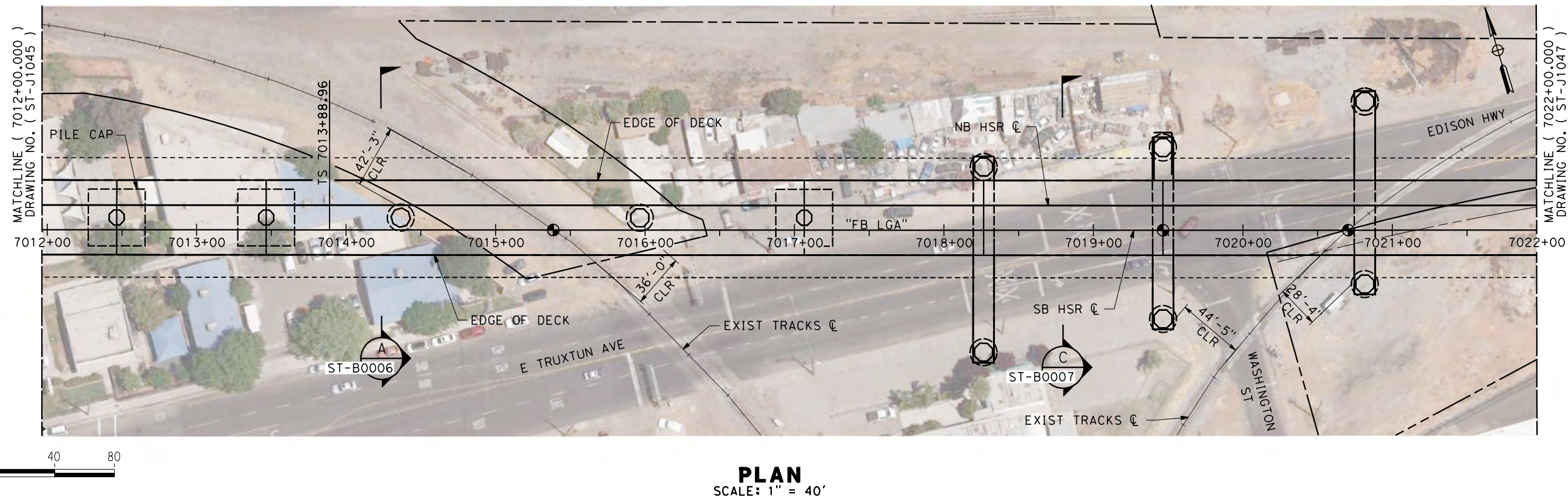
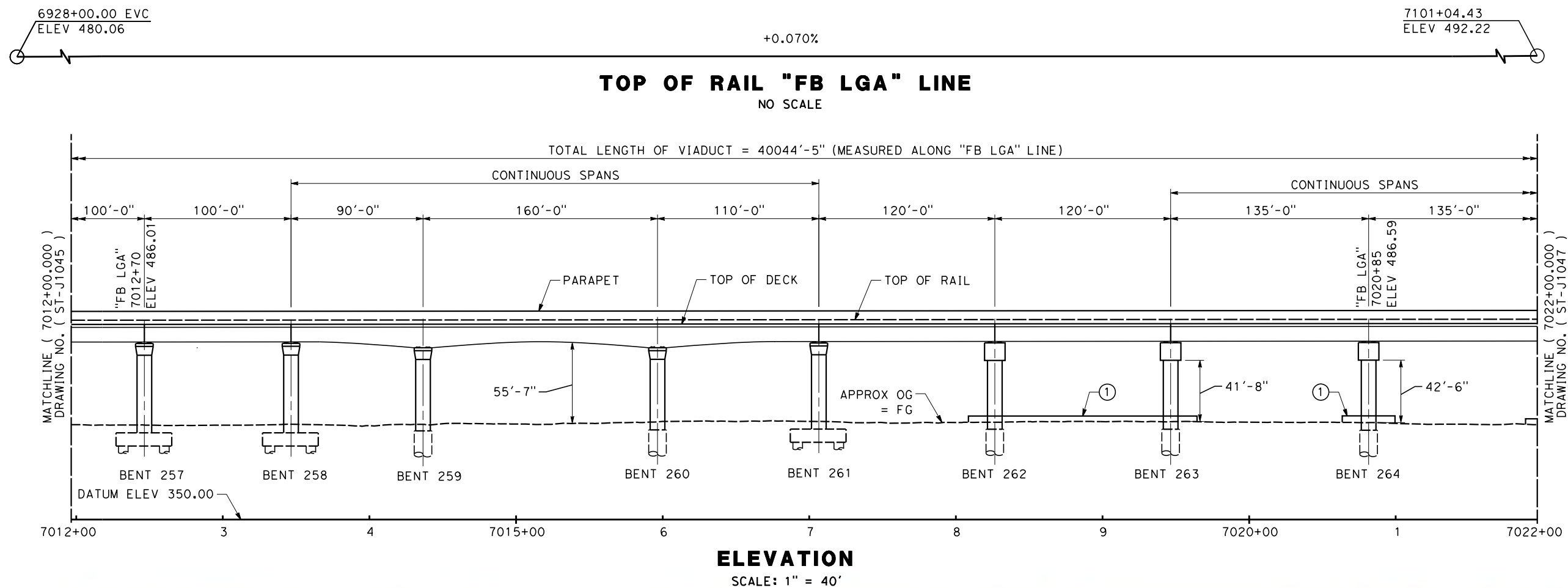
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SUBMISSION



CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 7002+00 TO 7012+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1045
SCALE AS SHOWN
SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY K. BERRY
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CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

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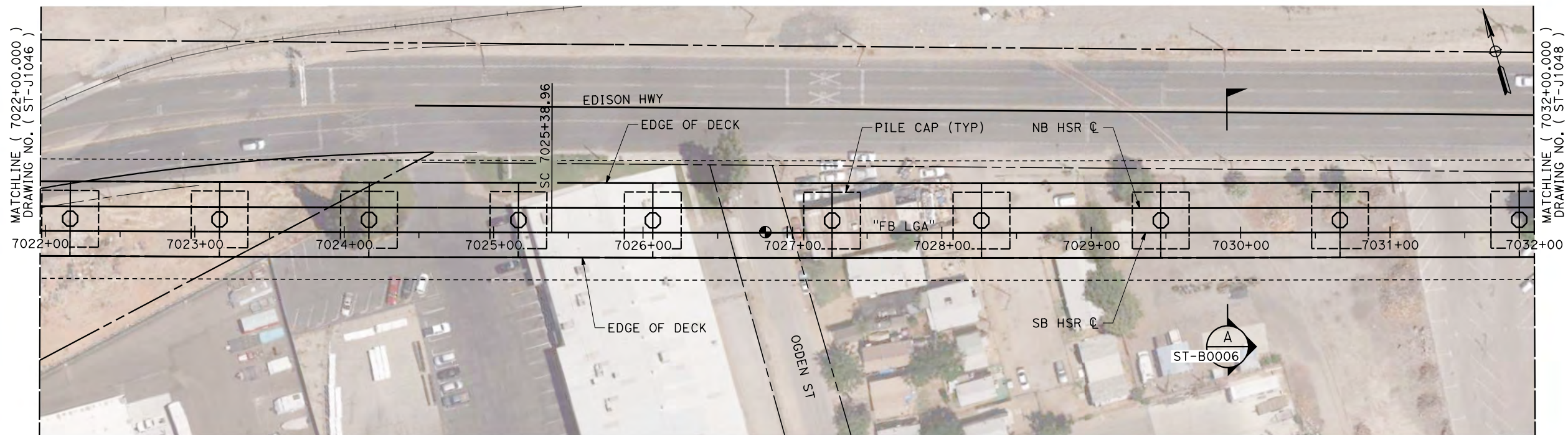
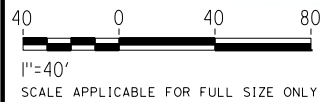
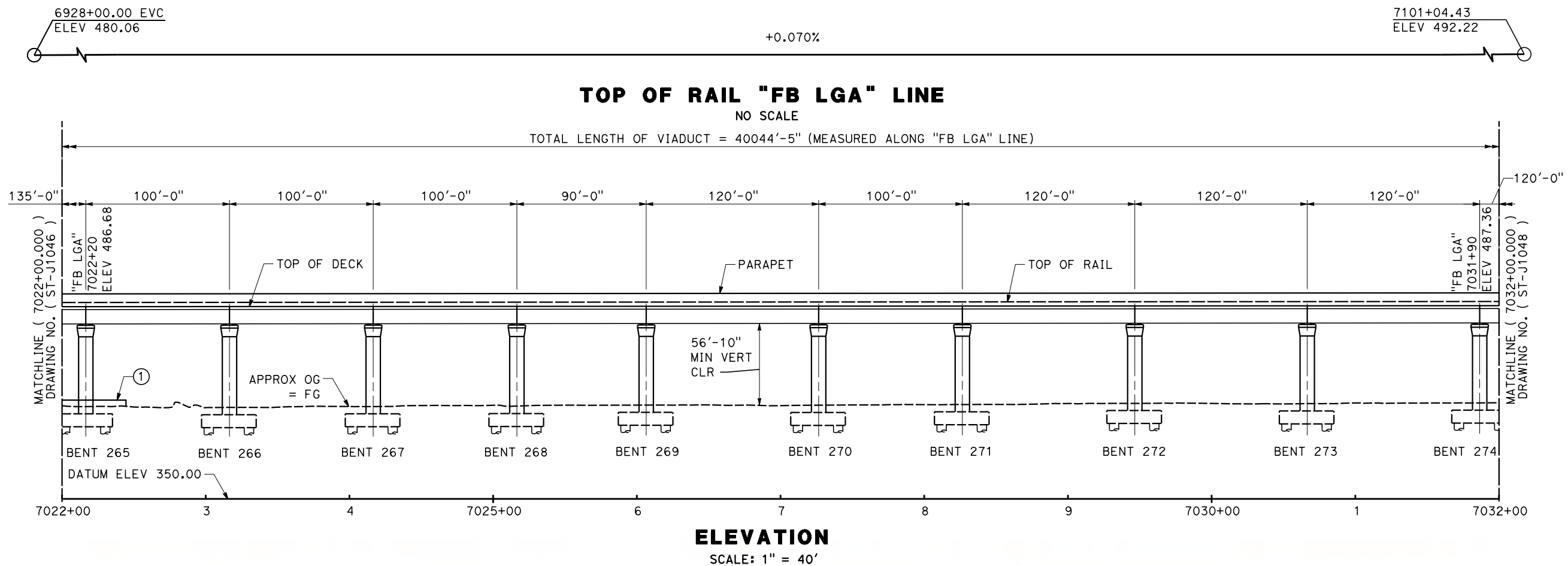


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 7012+00 TO 7022+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1046
SCALE AS SHOWN
SHEET NO.

TYL\KBerry 10/14/2016 3:40:18 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N\BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1047



REV	DATE	BY	CHK	APP	DESCRIPTION

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CHECKED BY S. DULOR
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DATE 10/28/16

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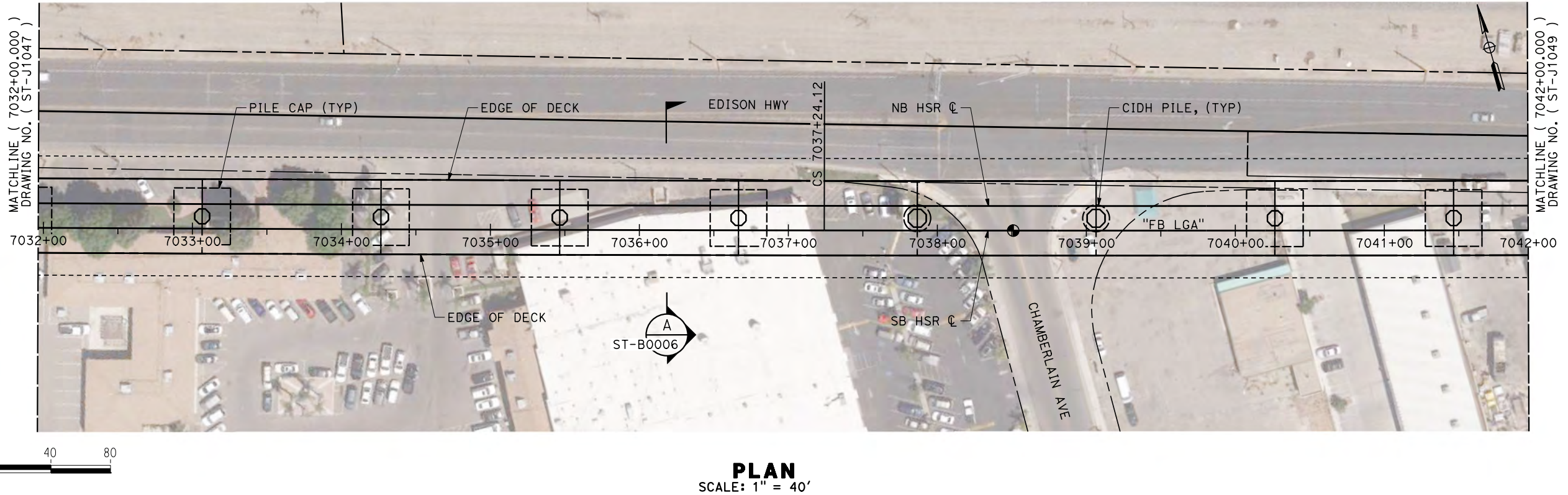
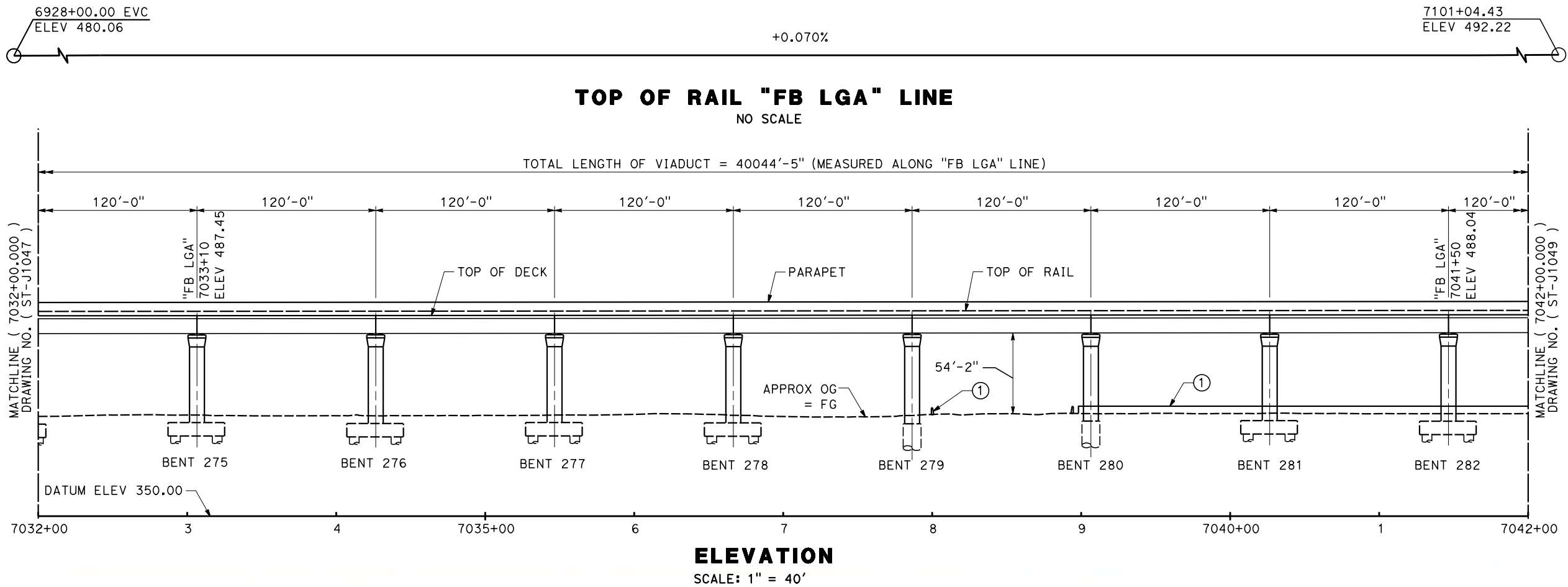


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 7022+00 TO 7032+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1047
SCALE AS SHOWN
SHEET NO.

TYLIN\KBerry 10/14/2016 3:40:42 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N_BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1048



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BERRY

DRAWN BY
K. BERRY

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S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

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CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 7032+00 TO 7042+00
PLAN AND ELEVATION

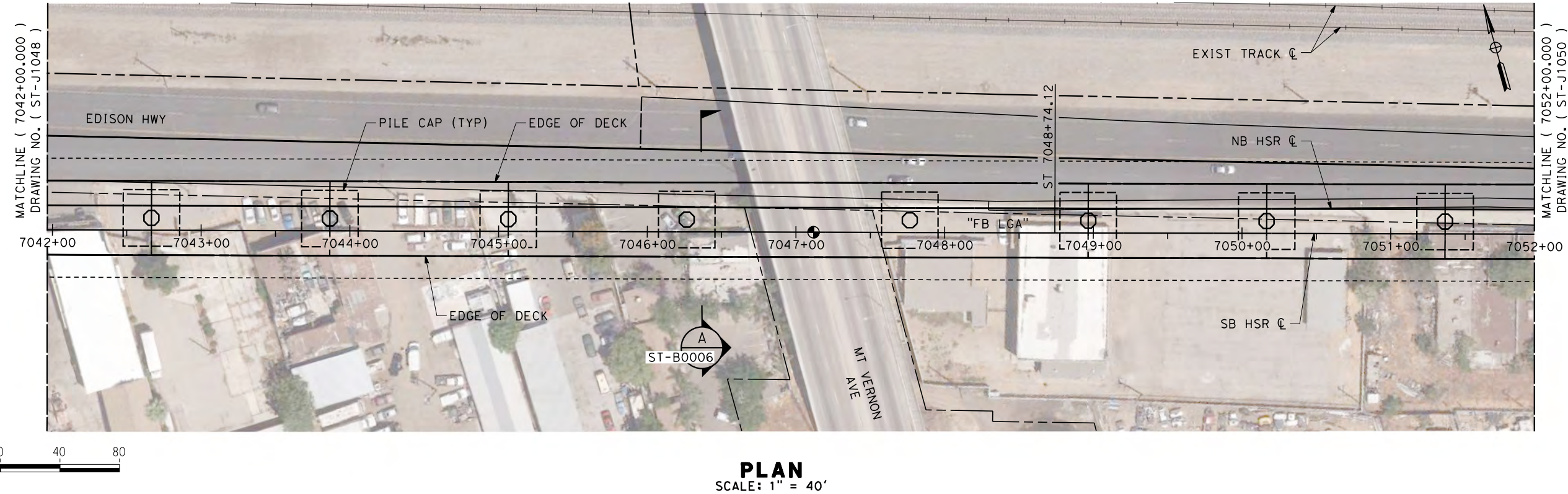
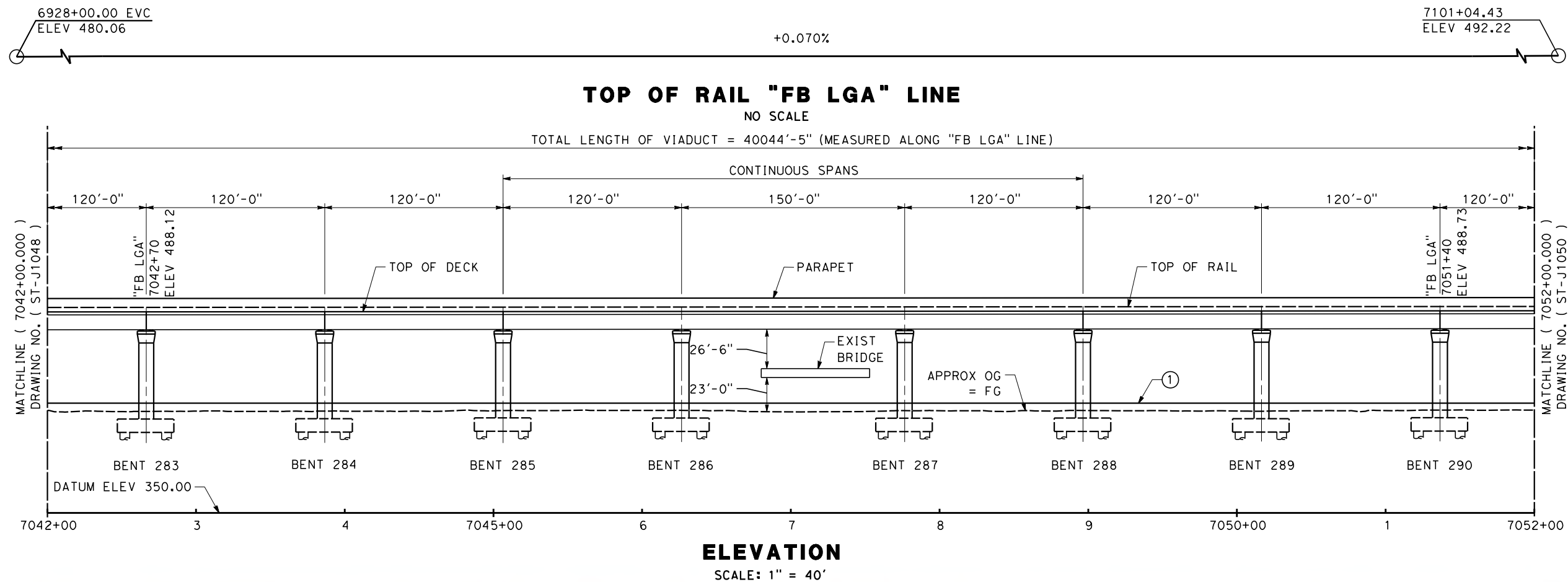
CONTRACT NO.
HSR13-44

DRAWING NO.
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SCALE
AS SHOWN

SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY K. BERRY
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CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL

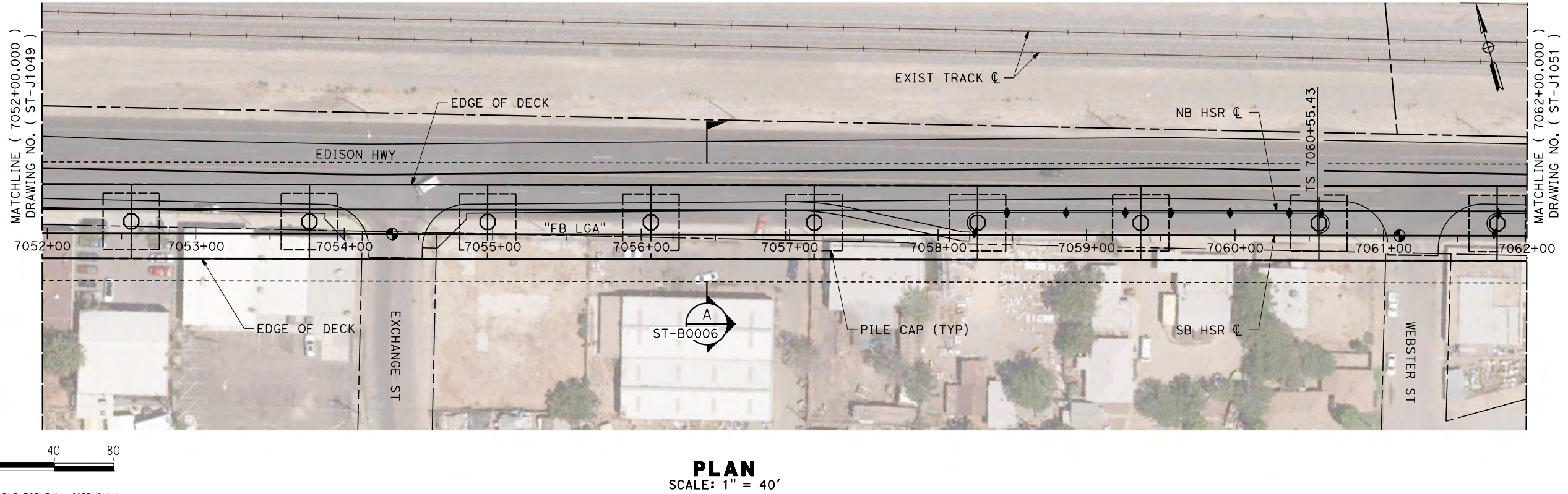
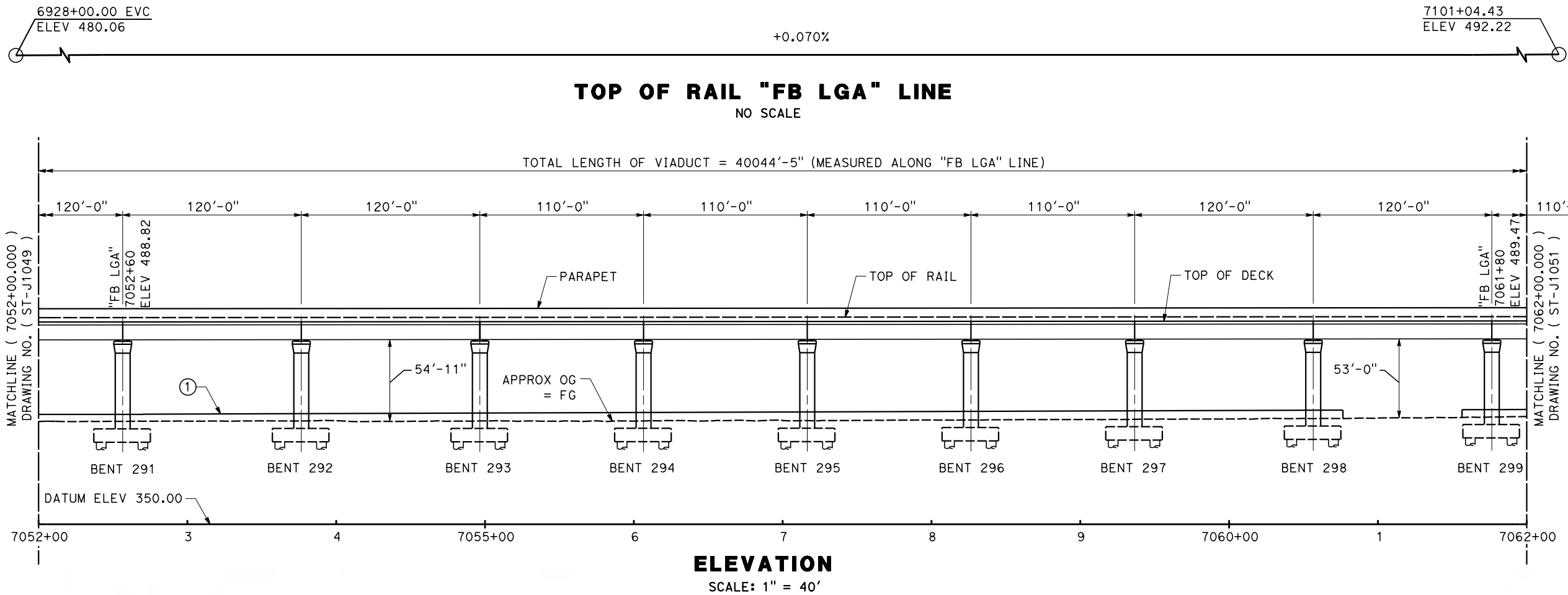


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 7042+00 TO 7052+00
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-J1049
SCALE AS SHOWN
SHEET NO.

TYLIN\KBerry 10/14/2016 3:40:59 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1050



REV	DATE	BY	CHK	APP	DESCRIPTION

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K. BERRY

DRAWN BY
K. BERRY

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S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

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PEPD DESIGN
SUBMISSION

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CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 7052+00 TO 7062+00
PLAN AND ELEVATION

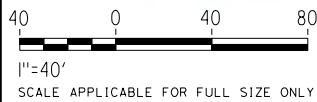
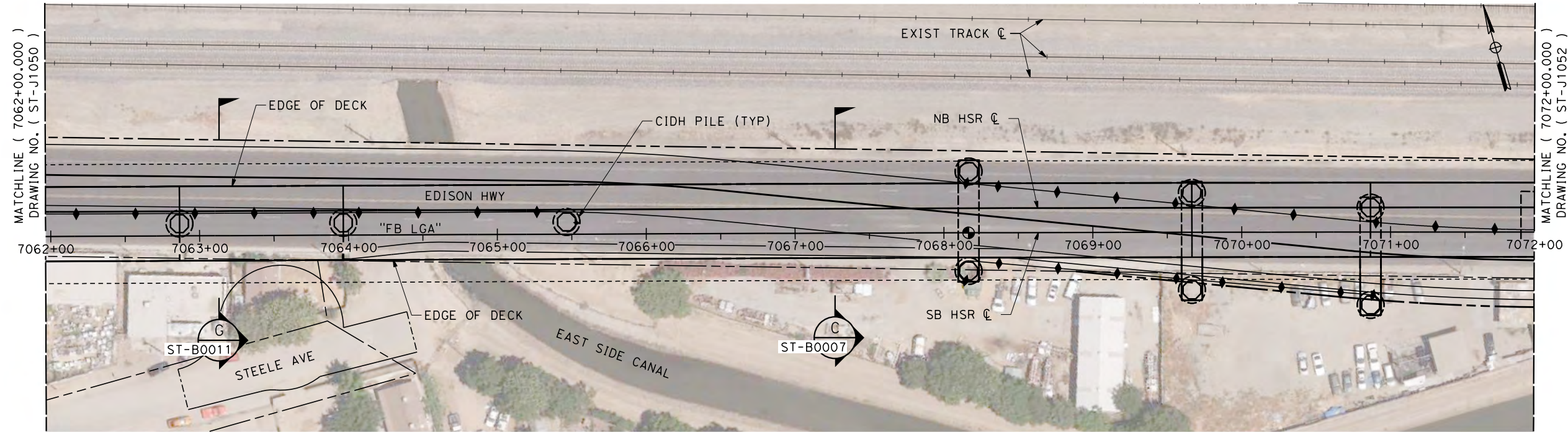
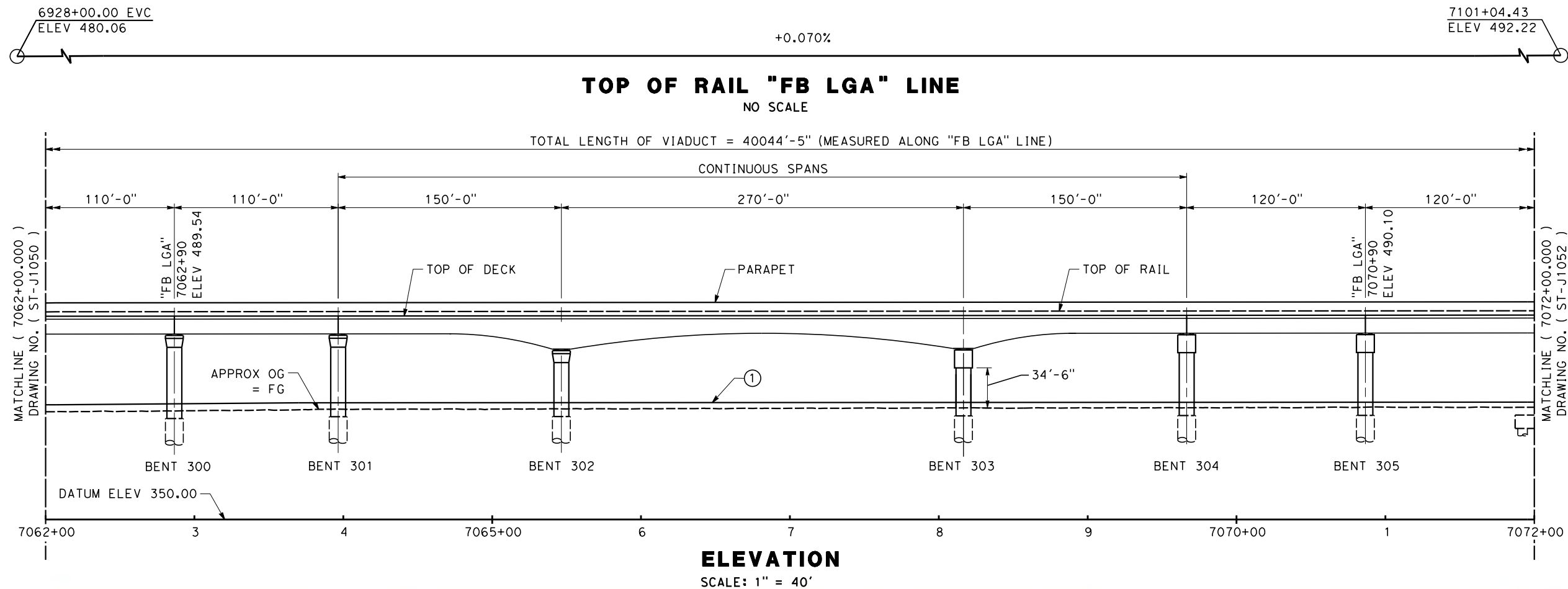
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DRAWING NO.
ST-J1050

SCALE
AS SHOWN

SHEET NO.

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PLAN

SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BERRY

DRAWN BY
K. BERRY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 7062+00 TO 7072+00
PLAN AND ELEVATION

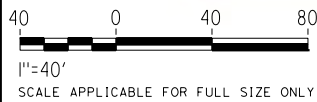
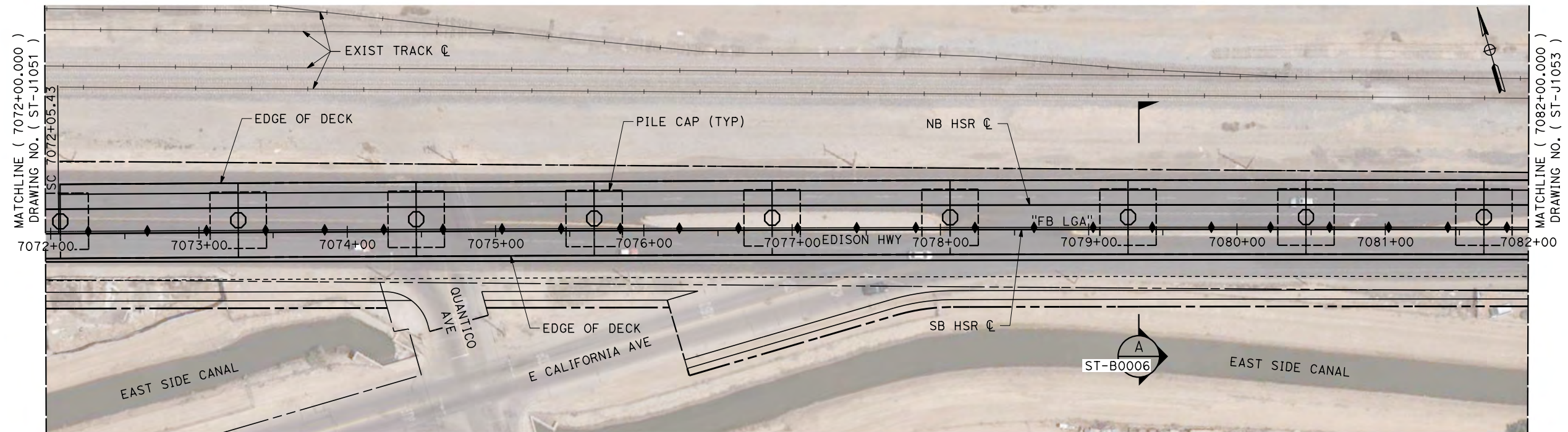
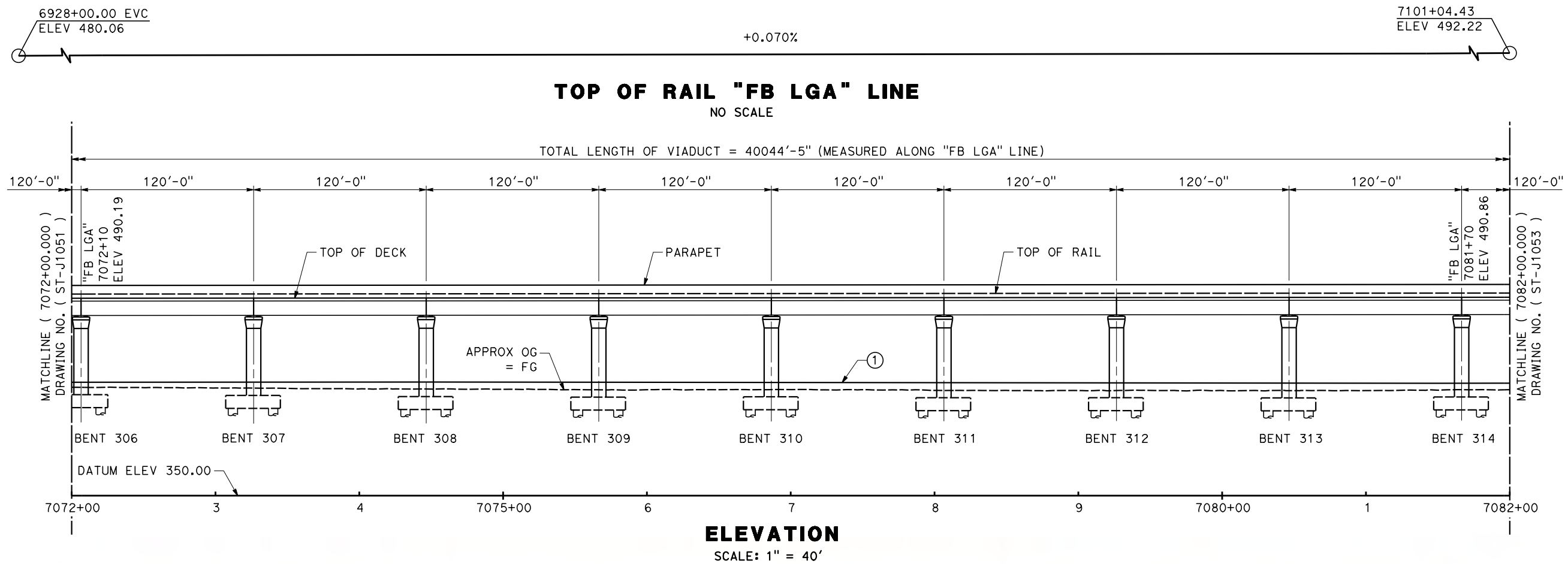
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1051

SCALE
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SHEET NO.

TYLIN\KBerry 10/14/2016 3:39:14 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-J1052



PLAN

SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BERRY

DRAWN BY
K. BERRY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 7072+00 TO 7082+00
PLAN AND ELEVATION

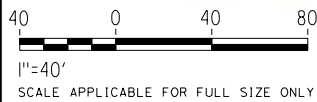
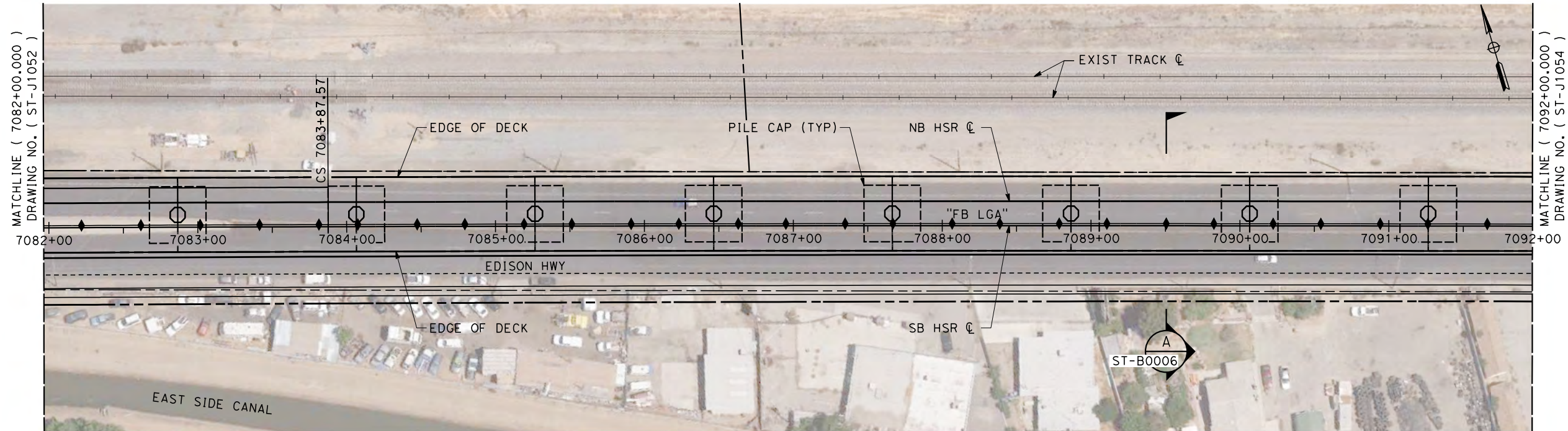
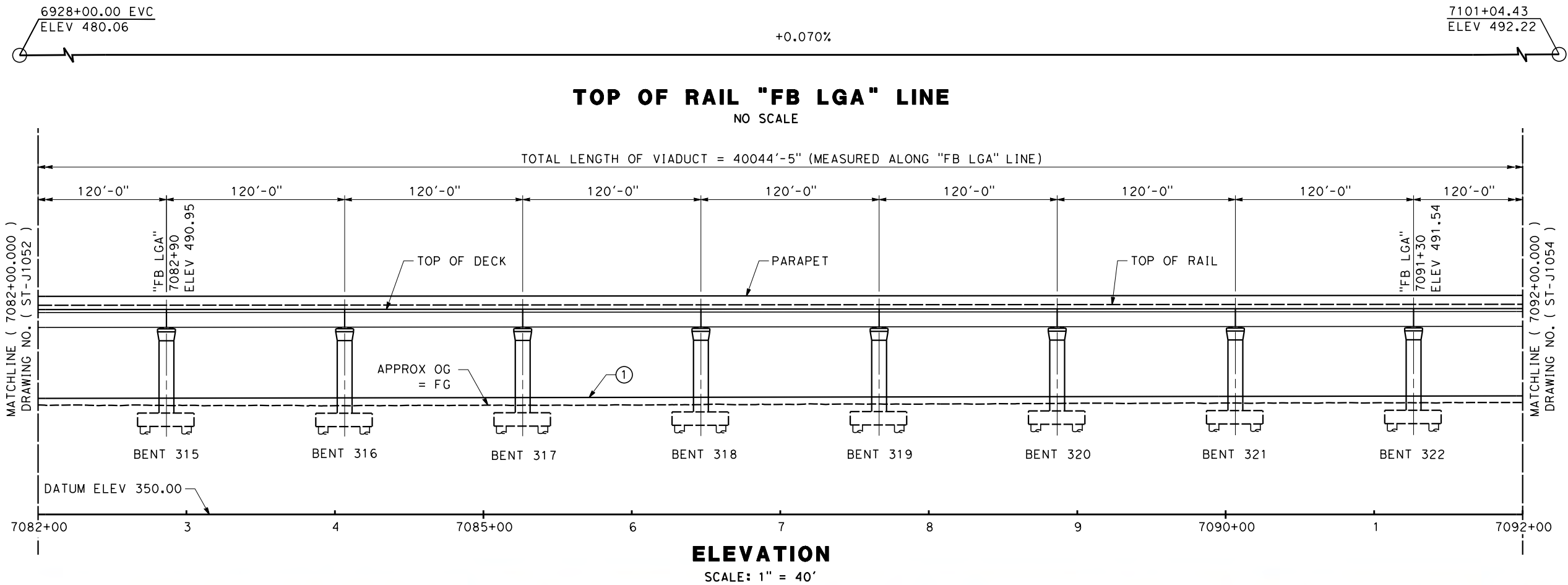
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HSR13-44

DRAWING NO.
ST-J1052

SCALE
AS SHOWN

SHEET NO.

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PLAN
SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BERRY

DRAWN BY
K. BERRY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 7082+00 TO 7092+00
PLAN AND ELEVATION

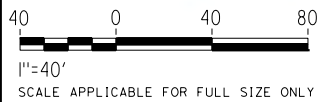
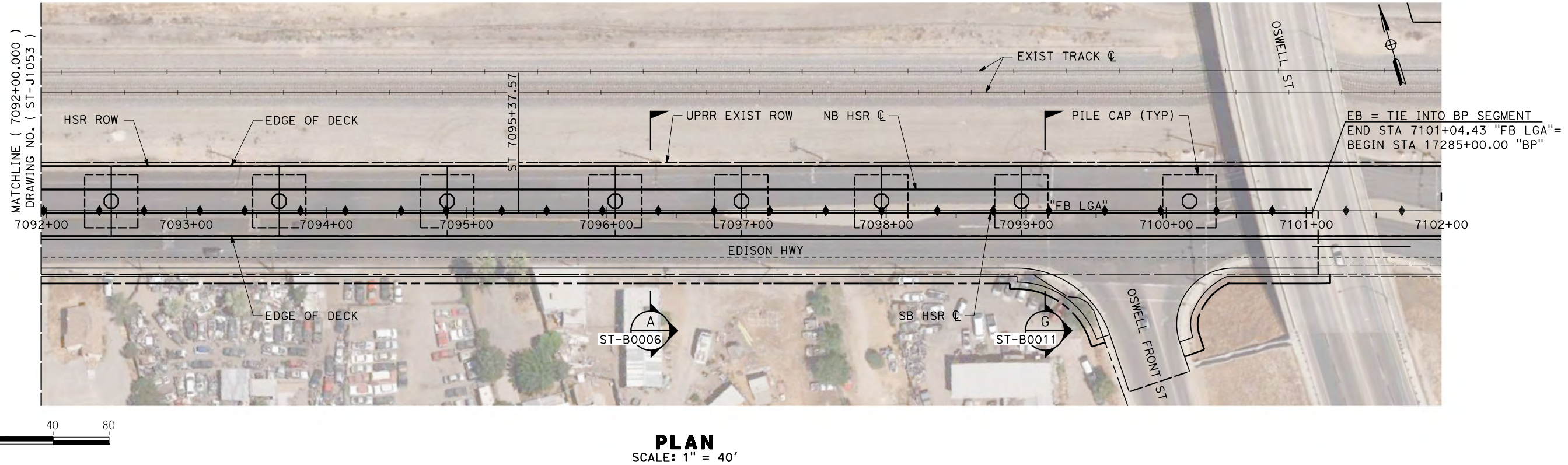
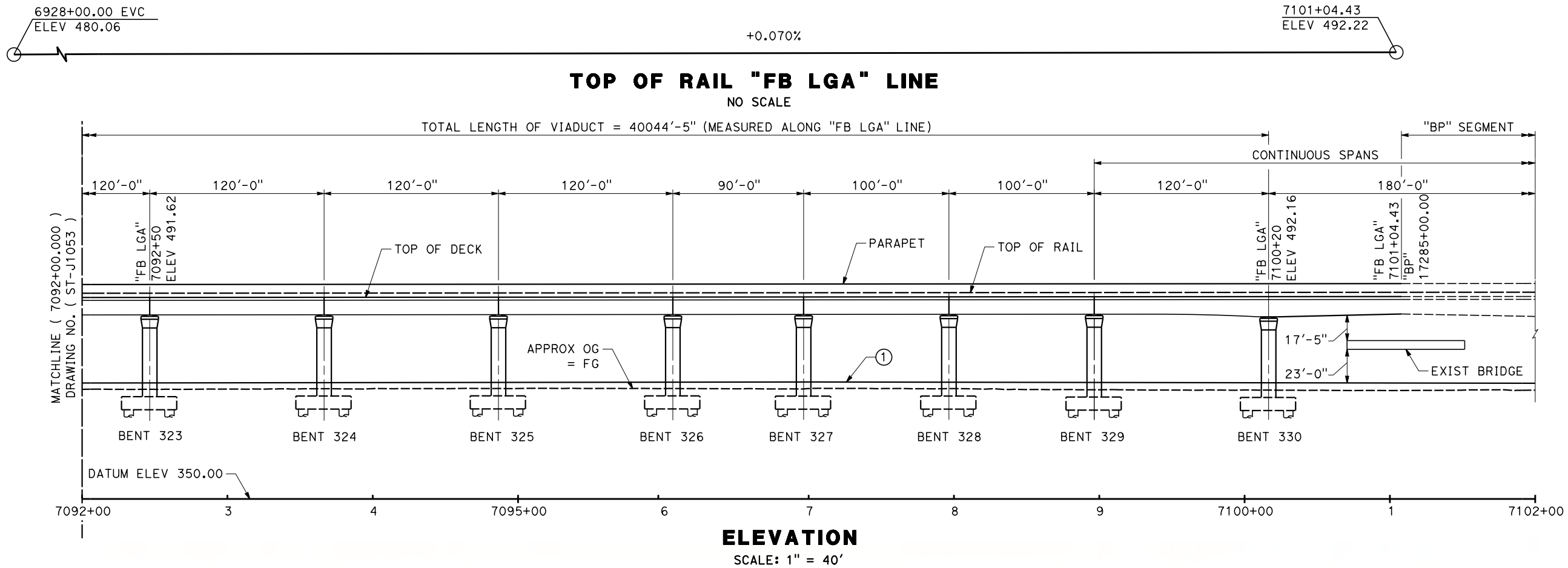
CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1053

SCALE
AS SHOWN

SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BERRY

DRAWN BY
K. BERRY

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

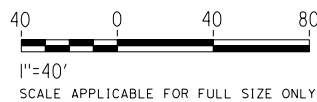
CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
BAKERSFIELD HST VIADUCT
STATION 7092+00 TO 7102+00
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

DRAWING NO.
ST-J1054

SCALE
AS SHOWN

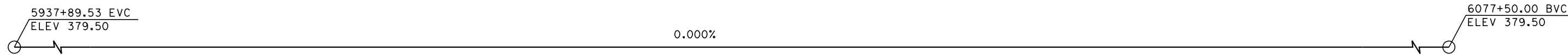
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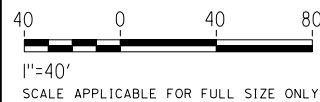
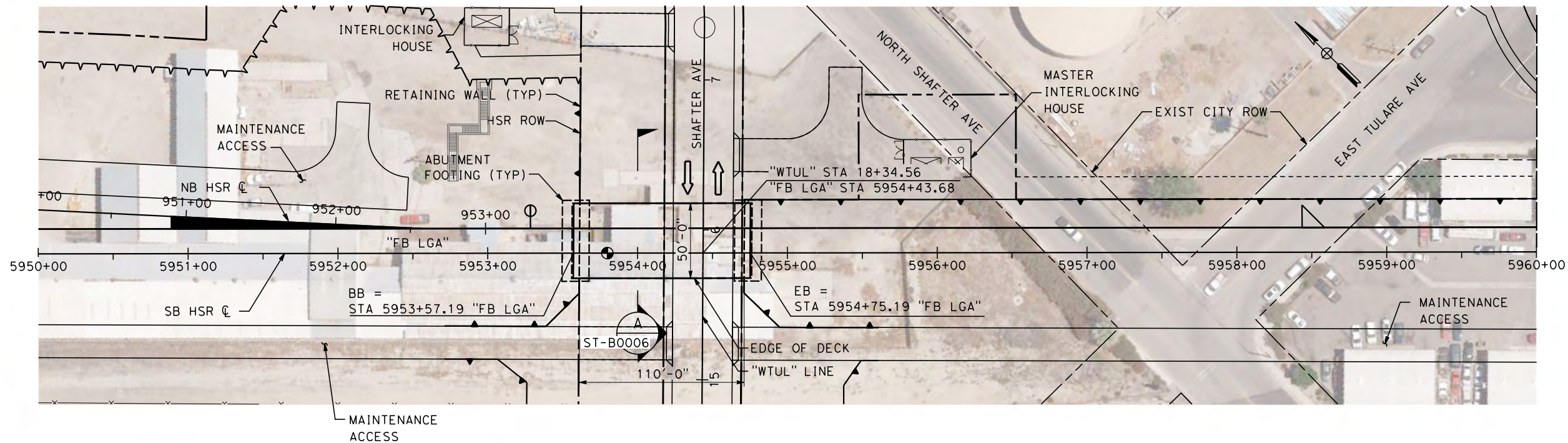
PLAN
SCALE: 1" = 40'

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ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY K. BERRY
DRAWN BY K. BERRY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLIN INTERNATIONAL

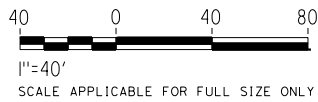
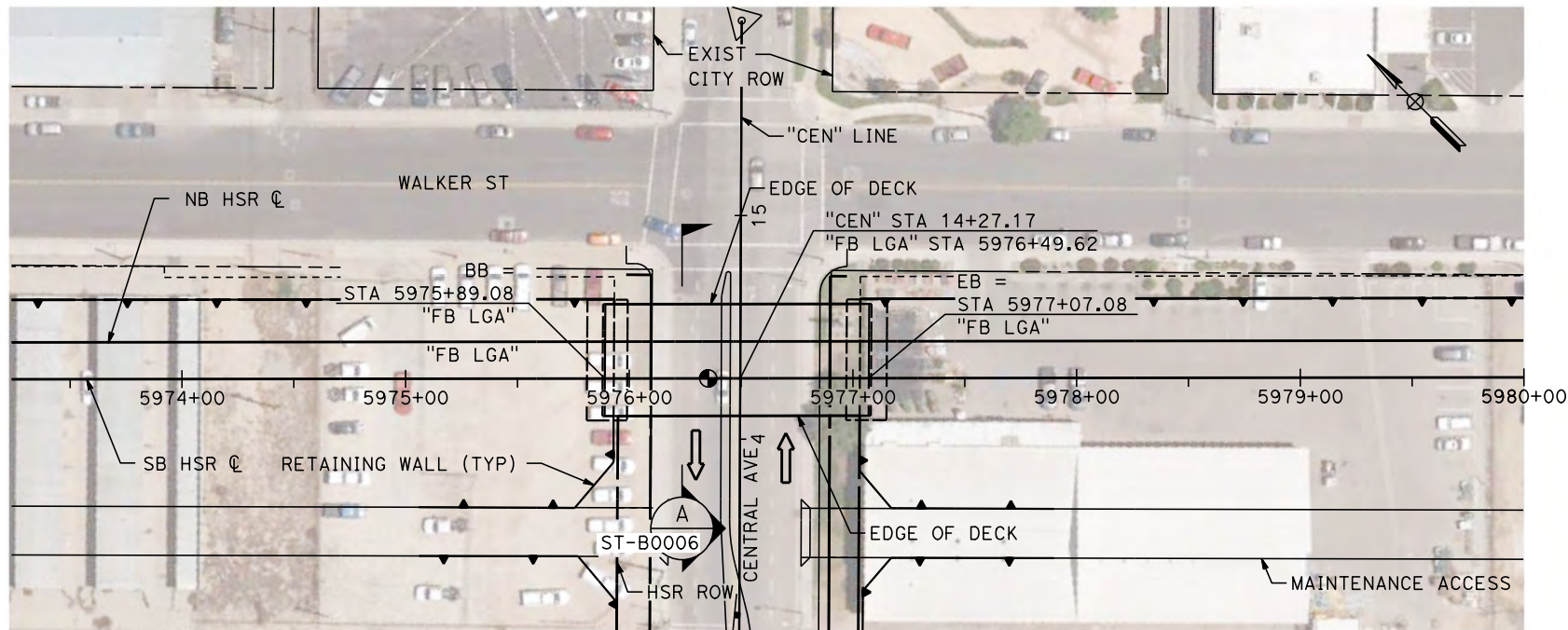
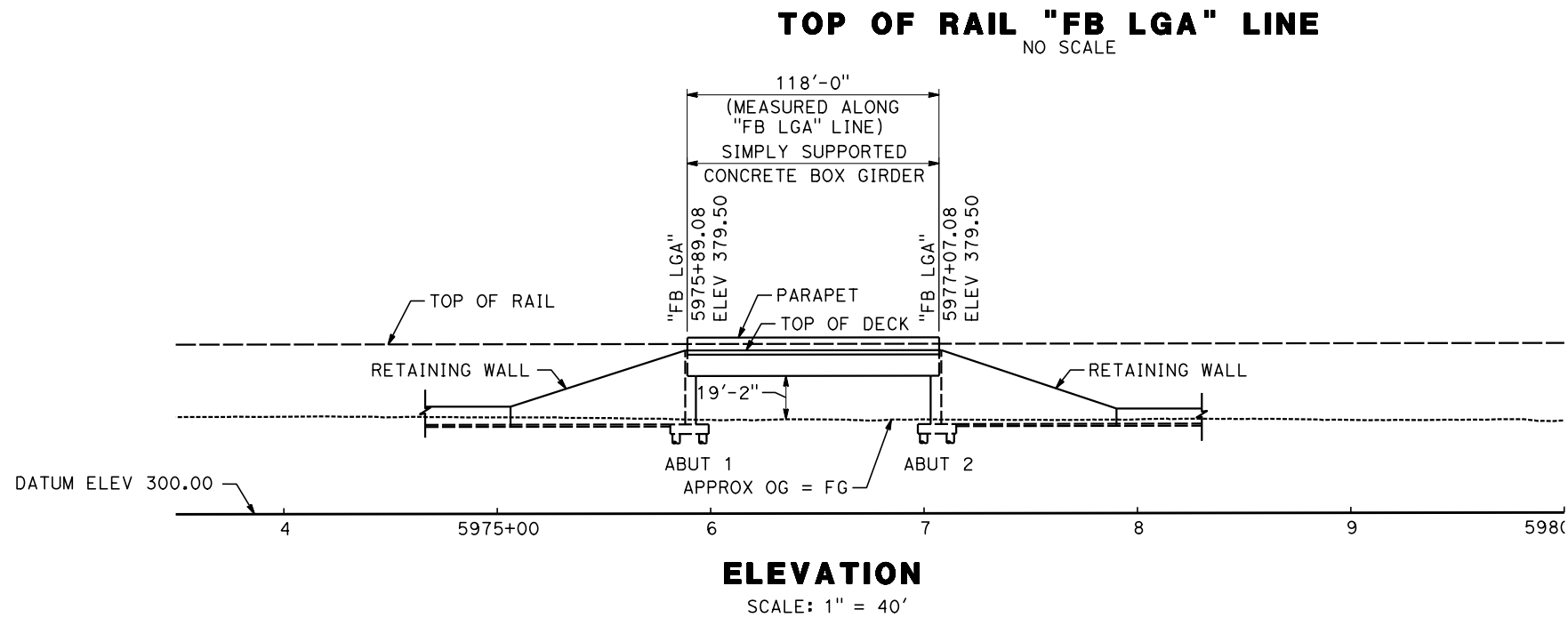
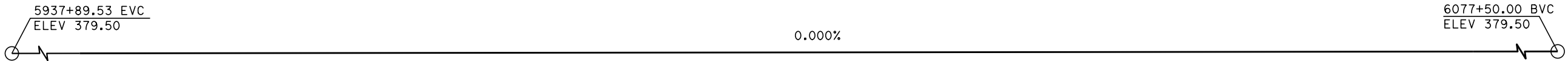


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
SHAFTER AVENUE HST VIADUCT
PLAN AND ELEVATION

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

TYLIN\KBerry 10/14/2016 3:37:32 PM \$PLTDRVS\$ \$PENTBLS\$ Projects\701206.N_BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-K1003



PLAN
SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY E. HEREFORD
DRAWN BY E. HEREFORD
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL

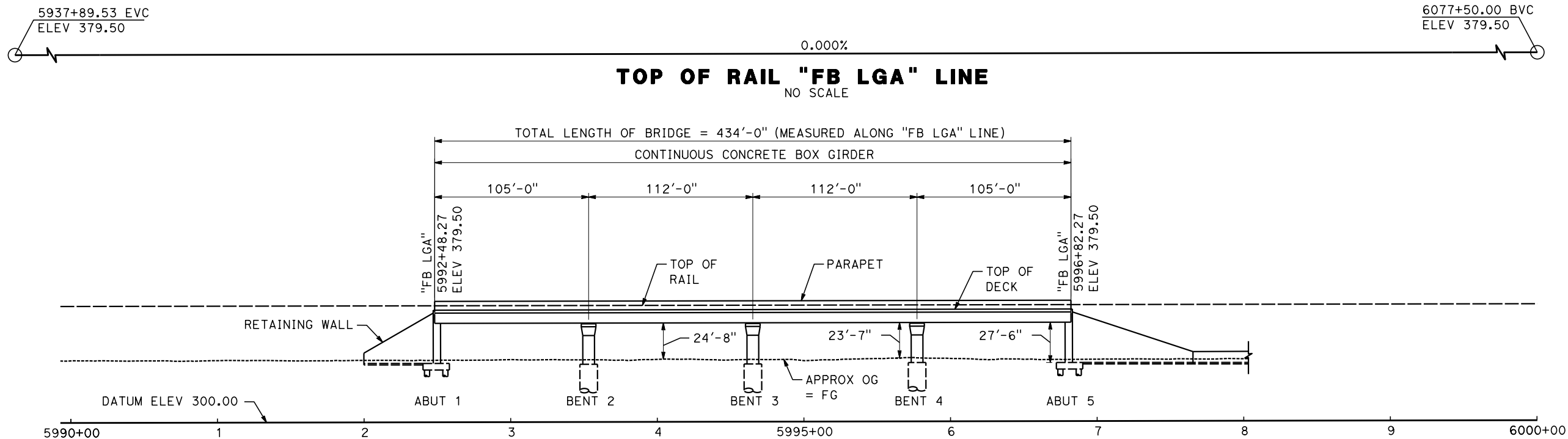


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

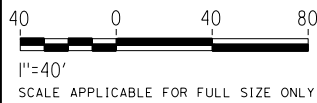
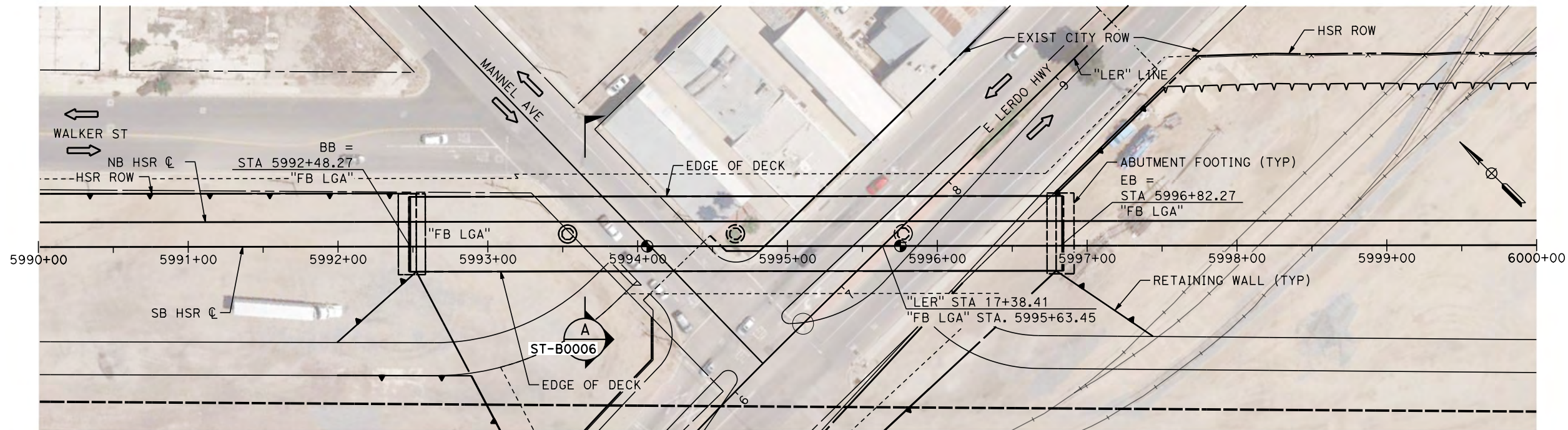
**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
CENTRAL AVE HST UNDERPASS
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-K1003
SCALE AS SHOWN
SHEET NO.

Projects\701206.N.BFSS\00 CADD\Sheet Files\Track Structure Sheets\BFSSA-ST-K1004
\$PLTDRVS\$
\$PENTBLS\$
TYLIN\Kerry 10/14/2016 3:38:00 PM



ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY E. HEREFORD
DRAWN BY E. HEREFORD
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL

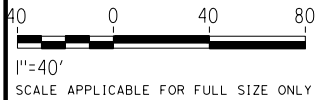
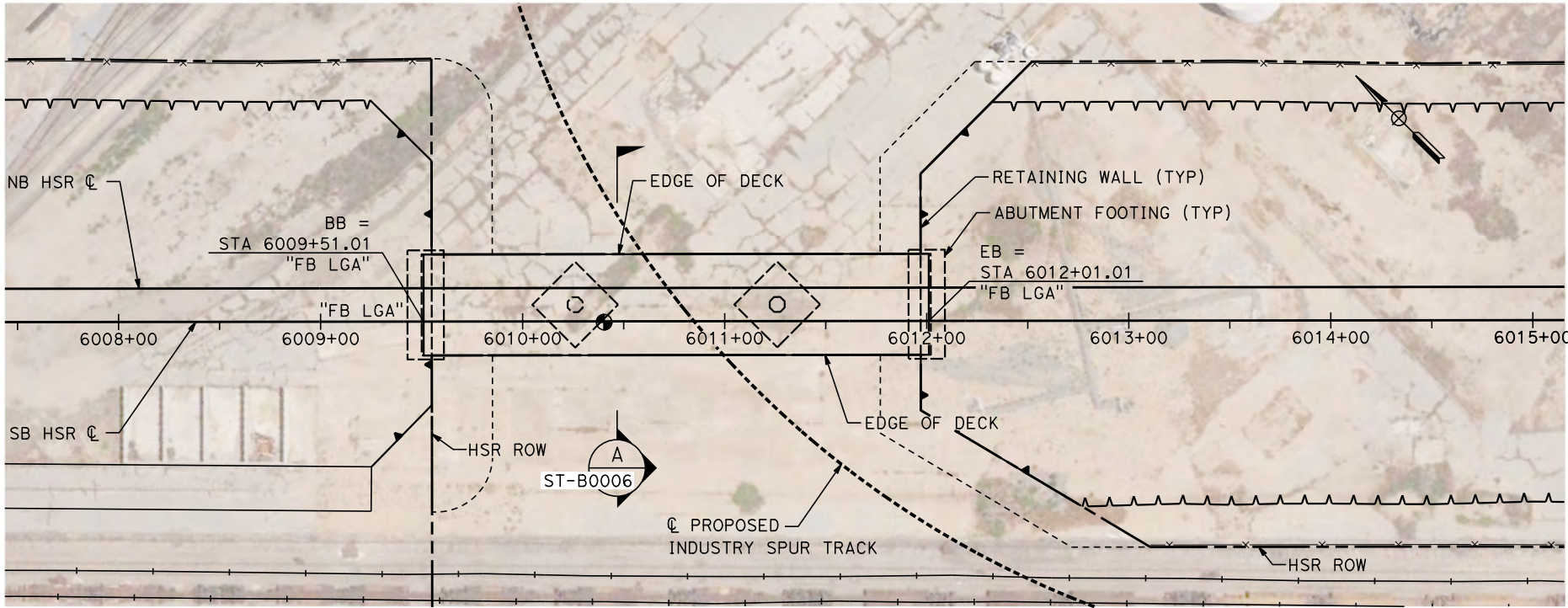
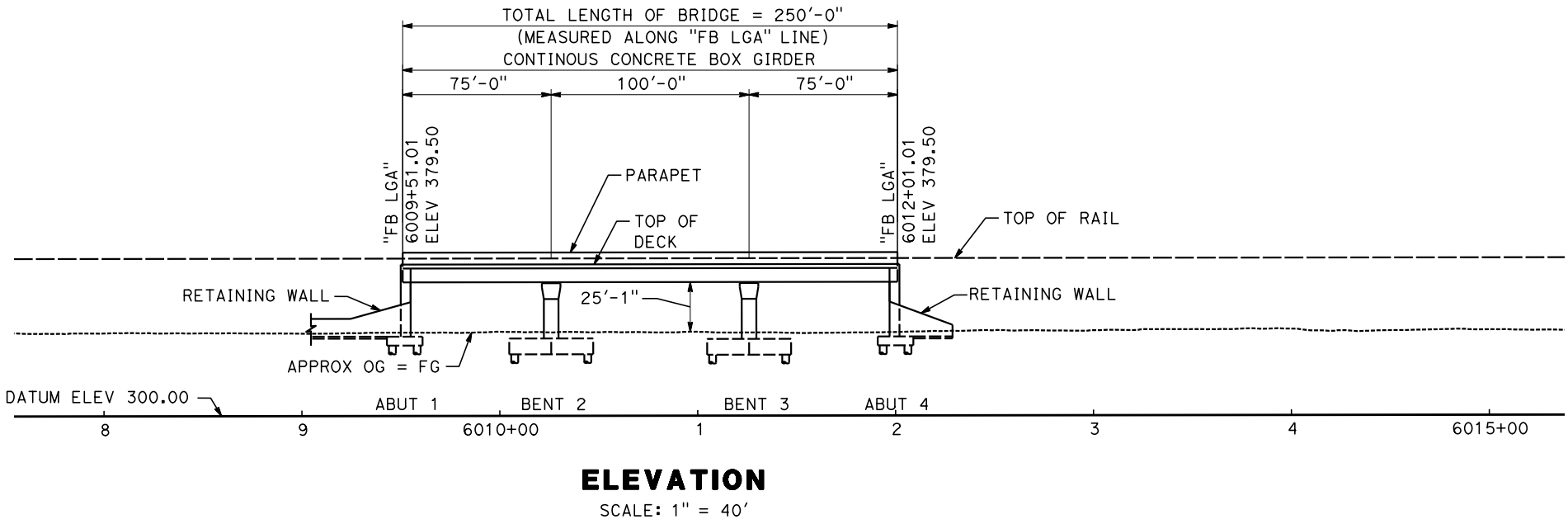
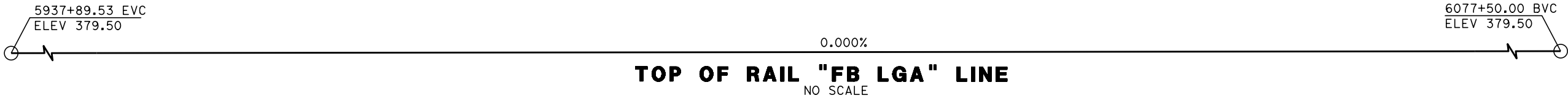


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
E. LERDO HWY HST UNDERPASS
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-K1004
SCALE AS-SHOWN
SHEET NO.

Projects\701206.N_BFSS\00_CADD\Sheet_Files\Track_Structure_Sheets\BFSSA-ST-K1005
\$PLTDRVS\$
\$PENTBLS\$
TYLIN\Kerry 10/14/2016 3:37:43 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. HEREFORD
DRAWN BY
E. HEREFORD
CHECKED BY
S. DULOR
IN CHARGE
S. DULOR
DATE
10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

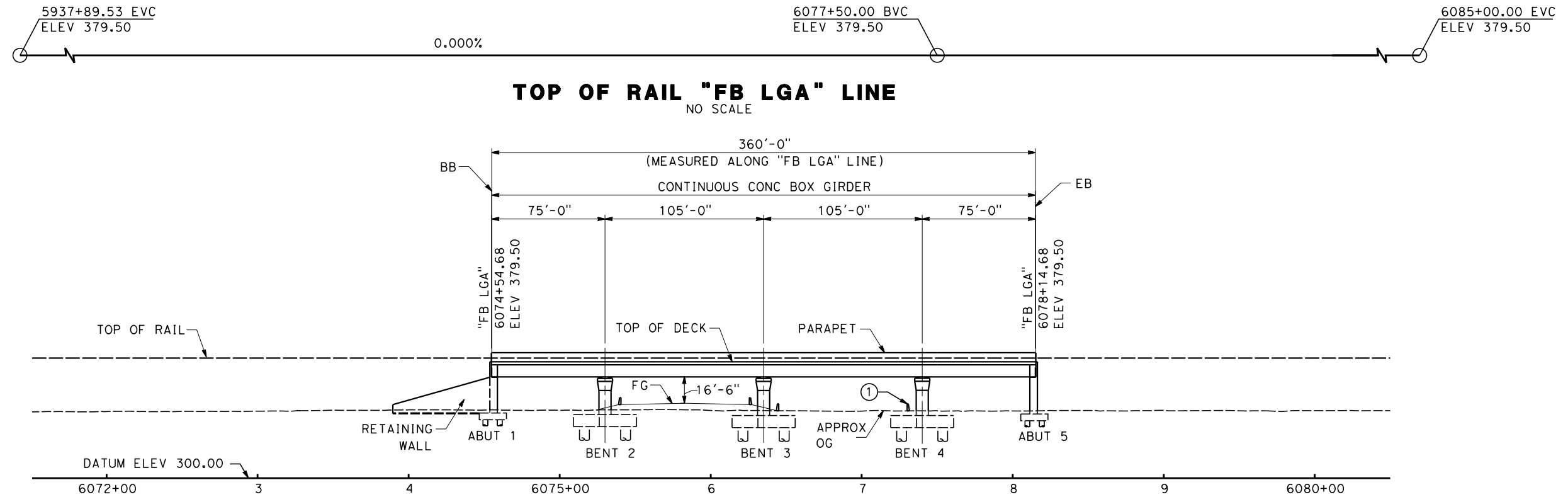
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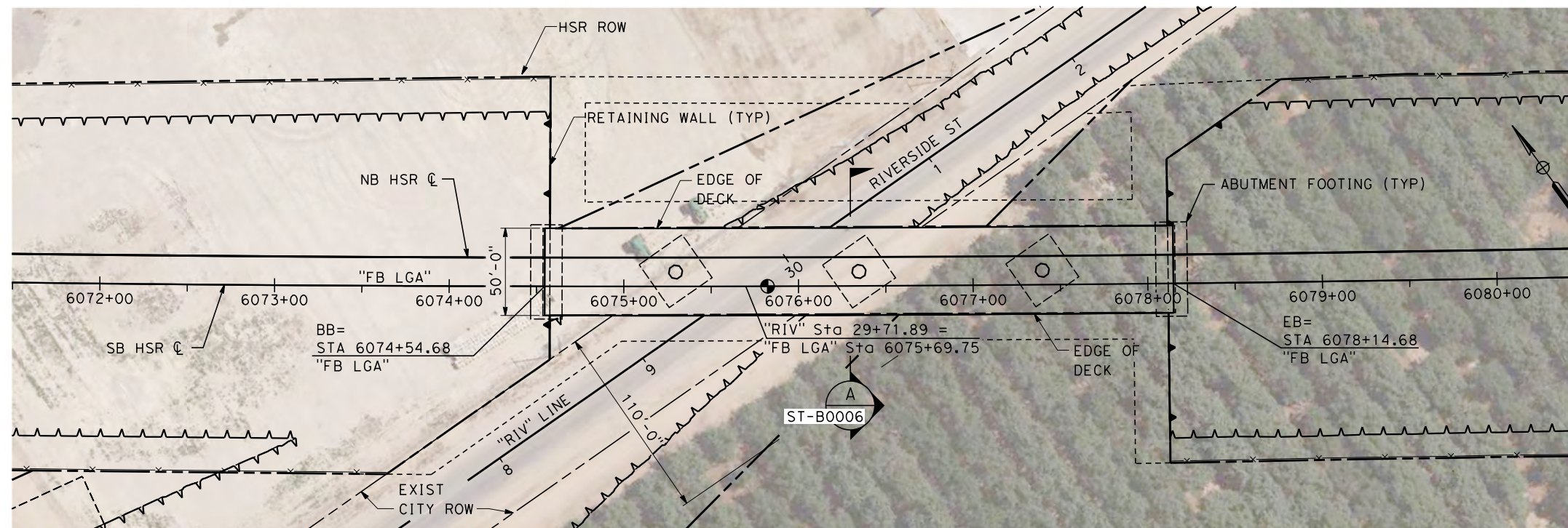
CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
RR INDUSTRY HST UNDERPASS
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44
DRAWING NO.
ST-K1005
SCALE
AS SHOWN
SHEET NO.



ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'

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REV	DATE	BY	CHK	APP	DESCRIPTION

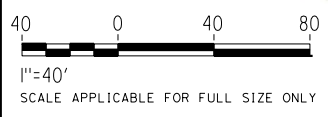
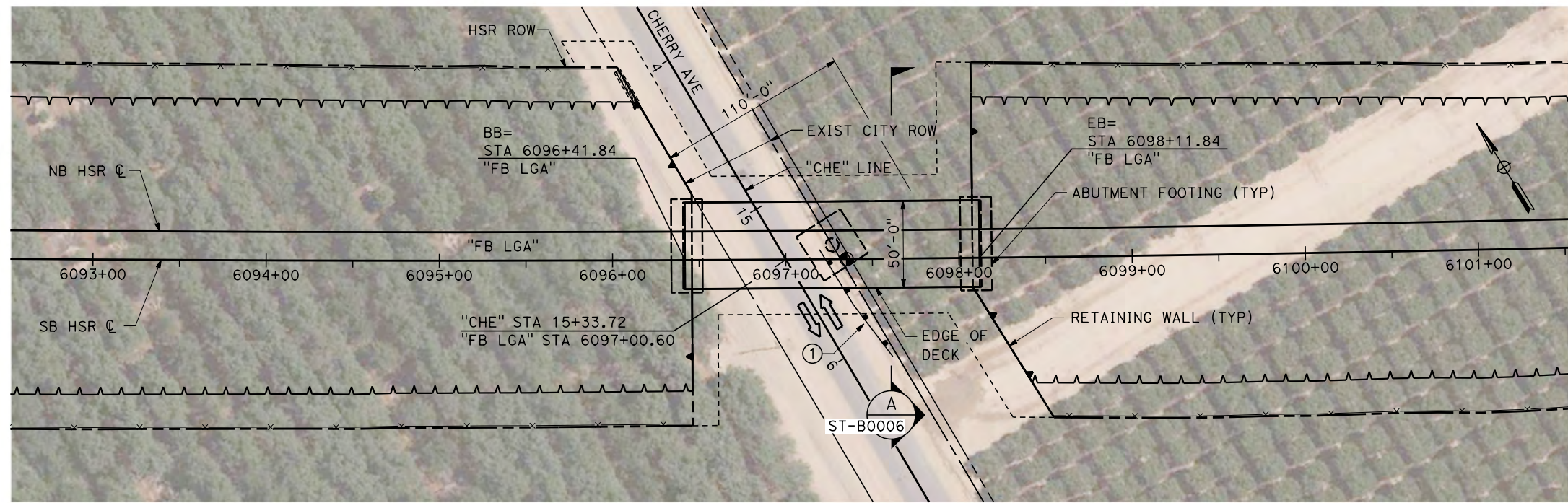
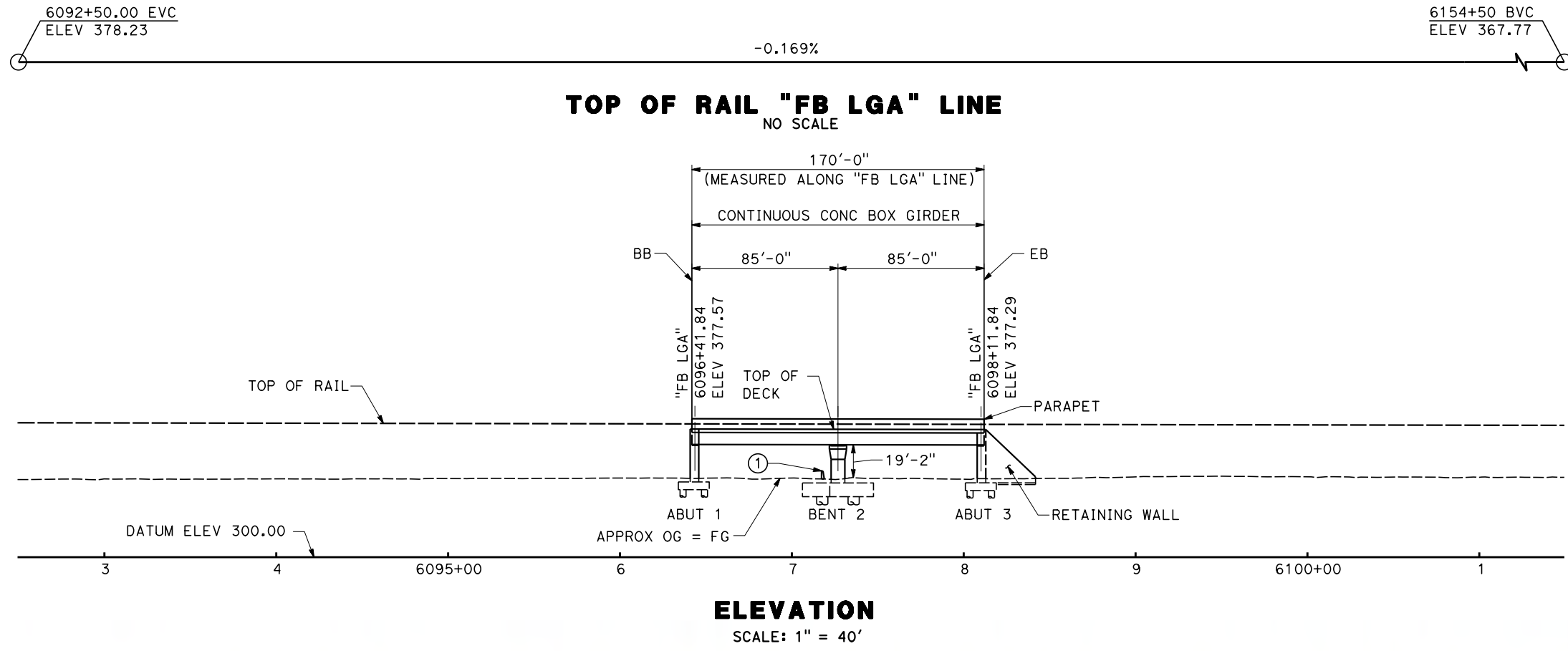
DESIGNED BY N. METWASHLA
DRAWN BY N. METWASHLA
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION



CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
RIVERSIDE STREET HST UNDERPASS
PLAN AND ELEVATION

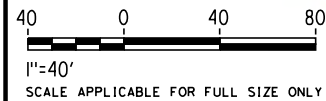
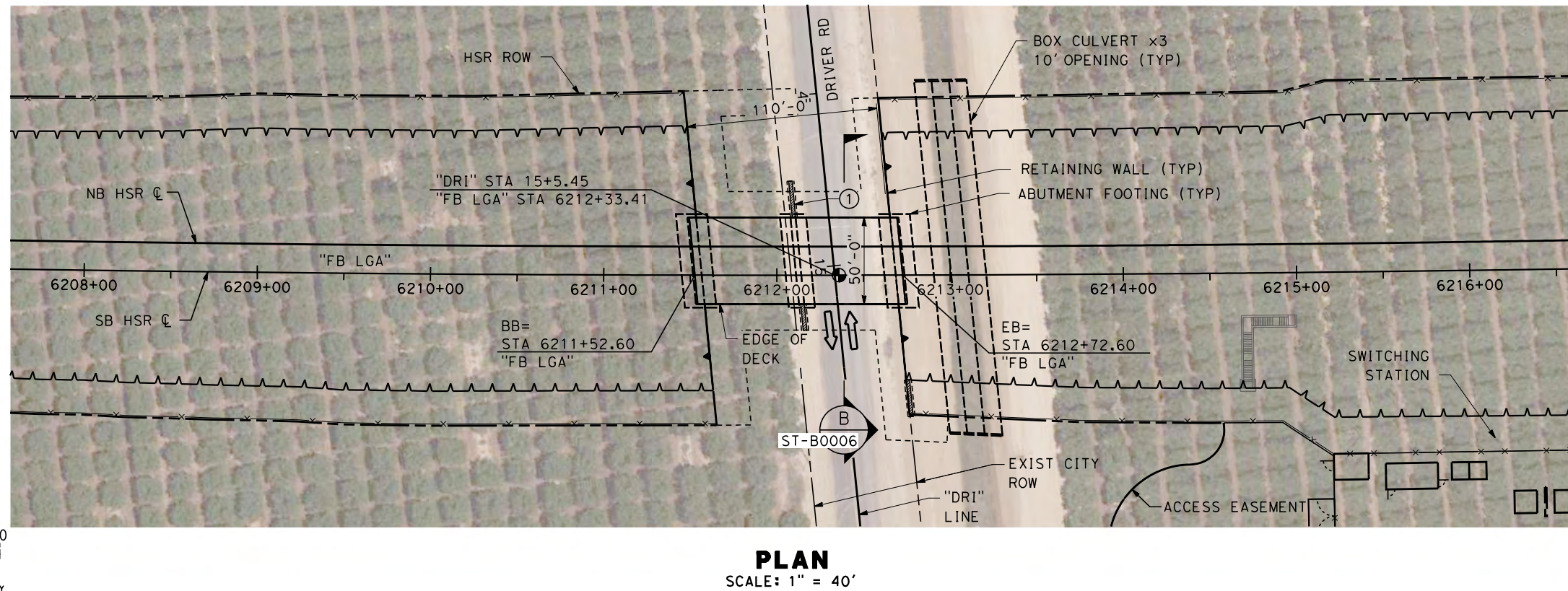
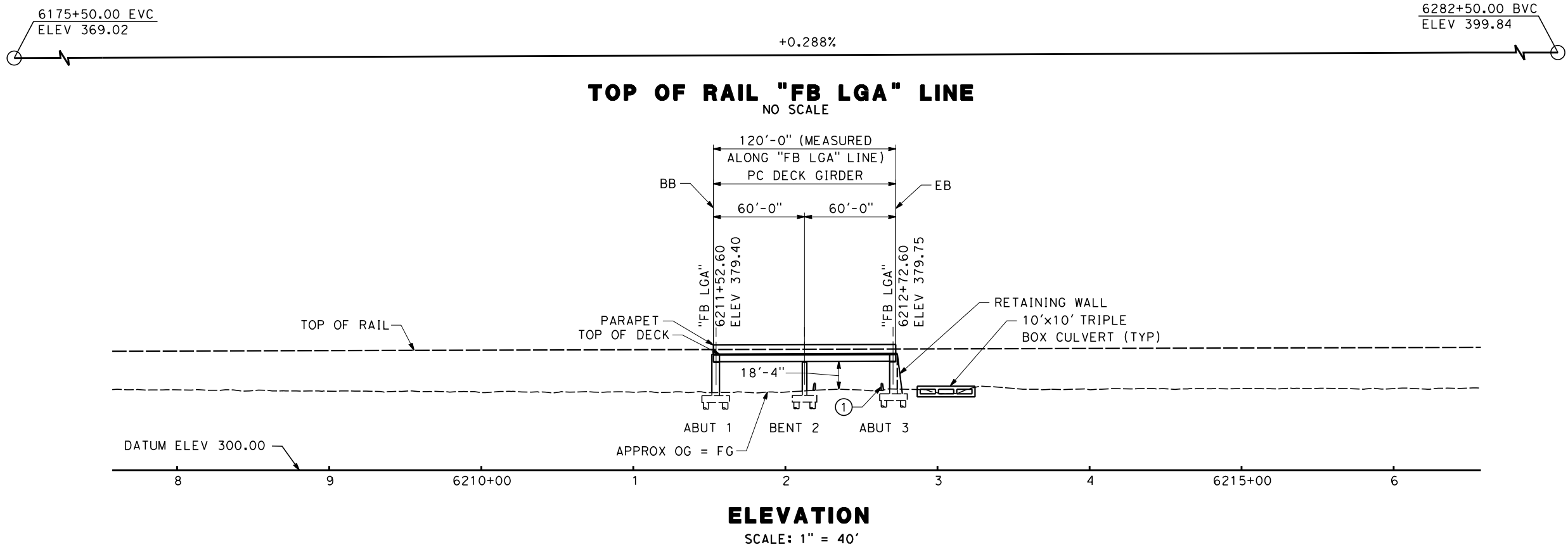
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DRAWING NO. ST-K1006
SCALE AS SHOWN
SHEET NO.



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10/24/2016 3:27:46 PM CHSR_PDF_half_black.plt c:\pwworking\tylin\dwg\st-k1008.dgn Sdulor



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY K. BERRY
DRAWN BY K. BERRY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

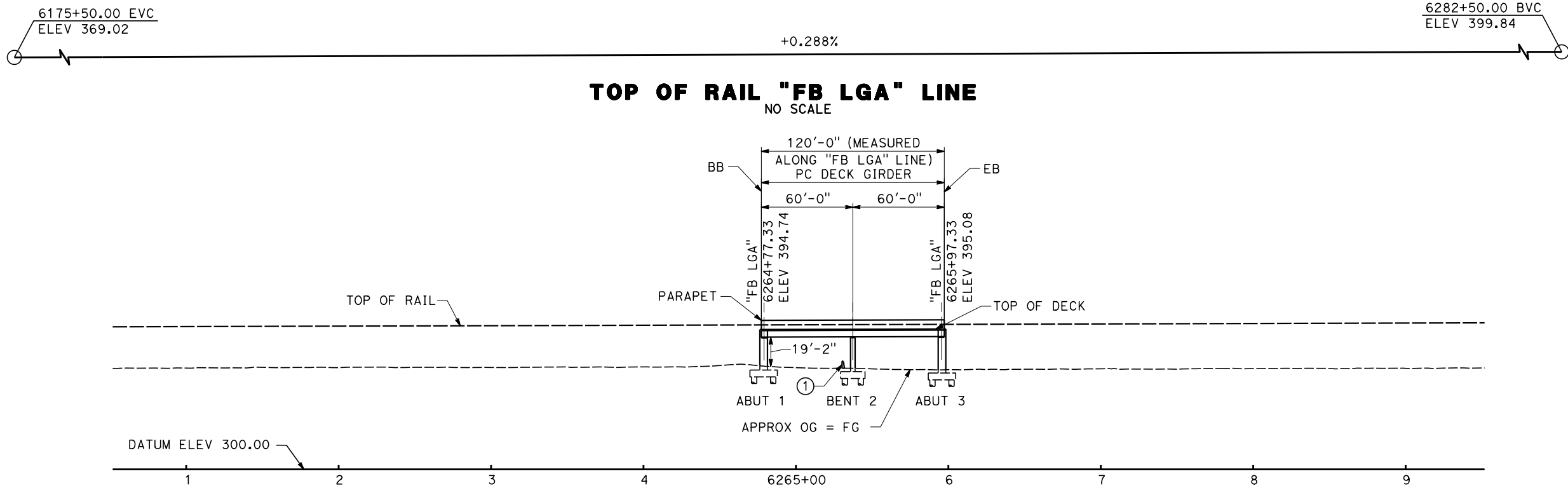
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SUBMISSION



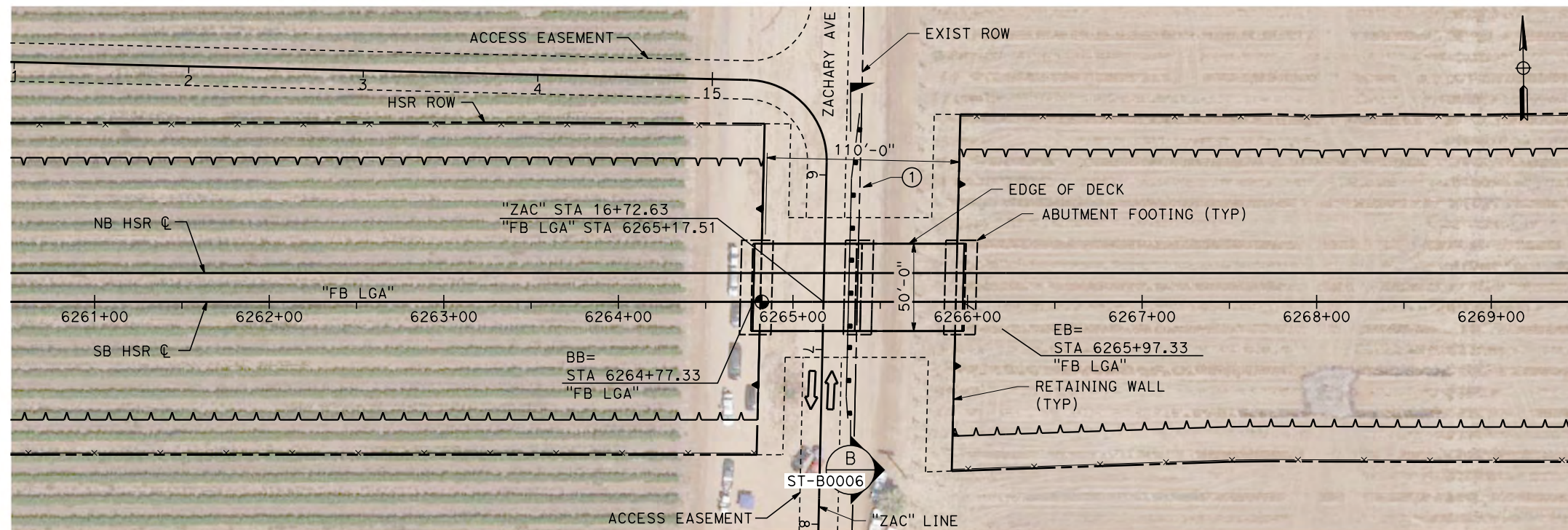
CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
DRIVER ROAD HST UNDERPASS
PLAN AND ELEVATION

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

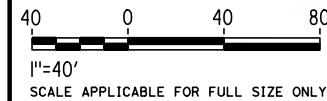
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\$PLTDRVS\$
\$PENTBLS\$
TYLIN\KBerry 10/14/2016 3:37:31 PM



ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY K. BERRY
DRAWN BY K. BERRY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL

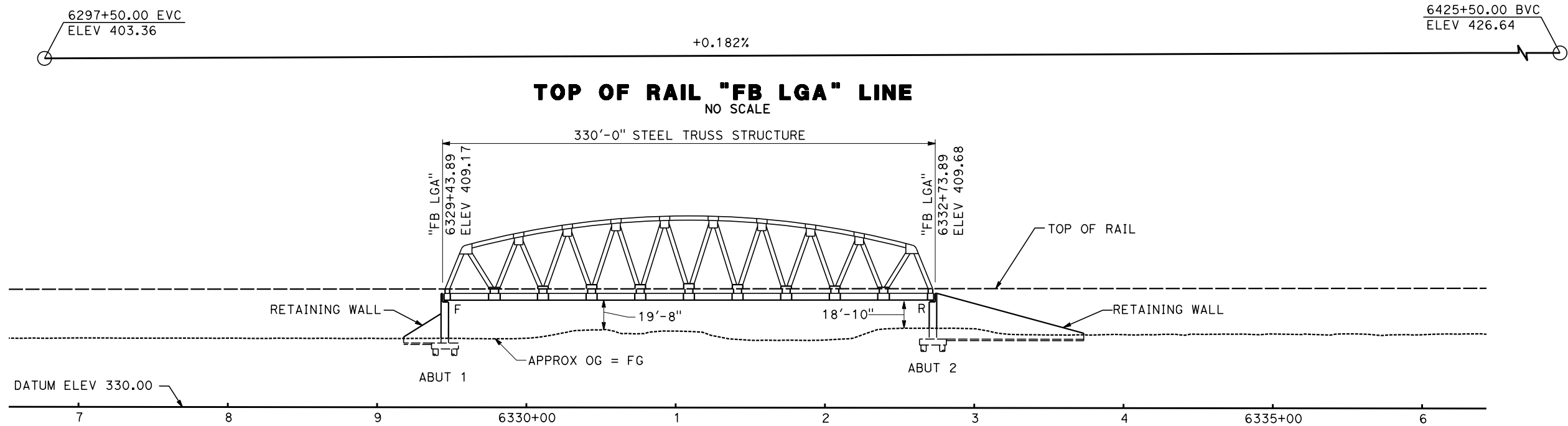


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

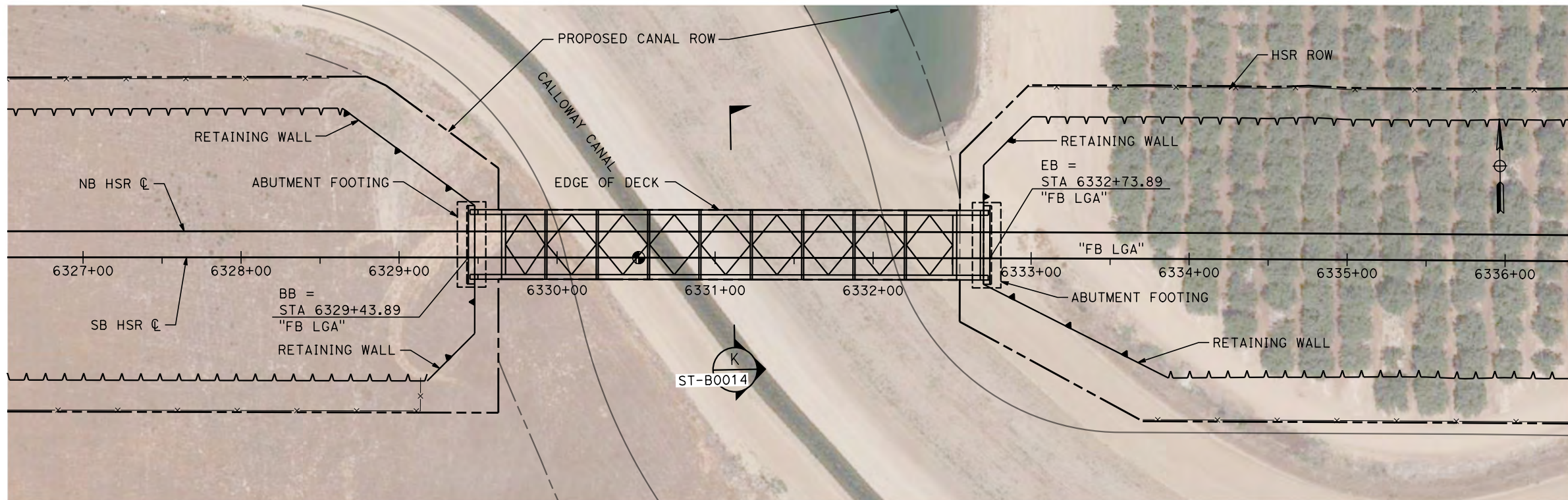
CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
ZACHARY AVENUE HST UNDERPASS
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-K1009
SCALE AS SHOWN
SHEET NO.

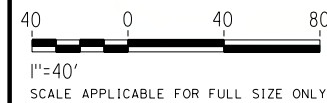
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ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY E. HEREFORD
DRAWN BY E. HEREFORD
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

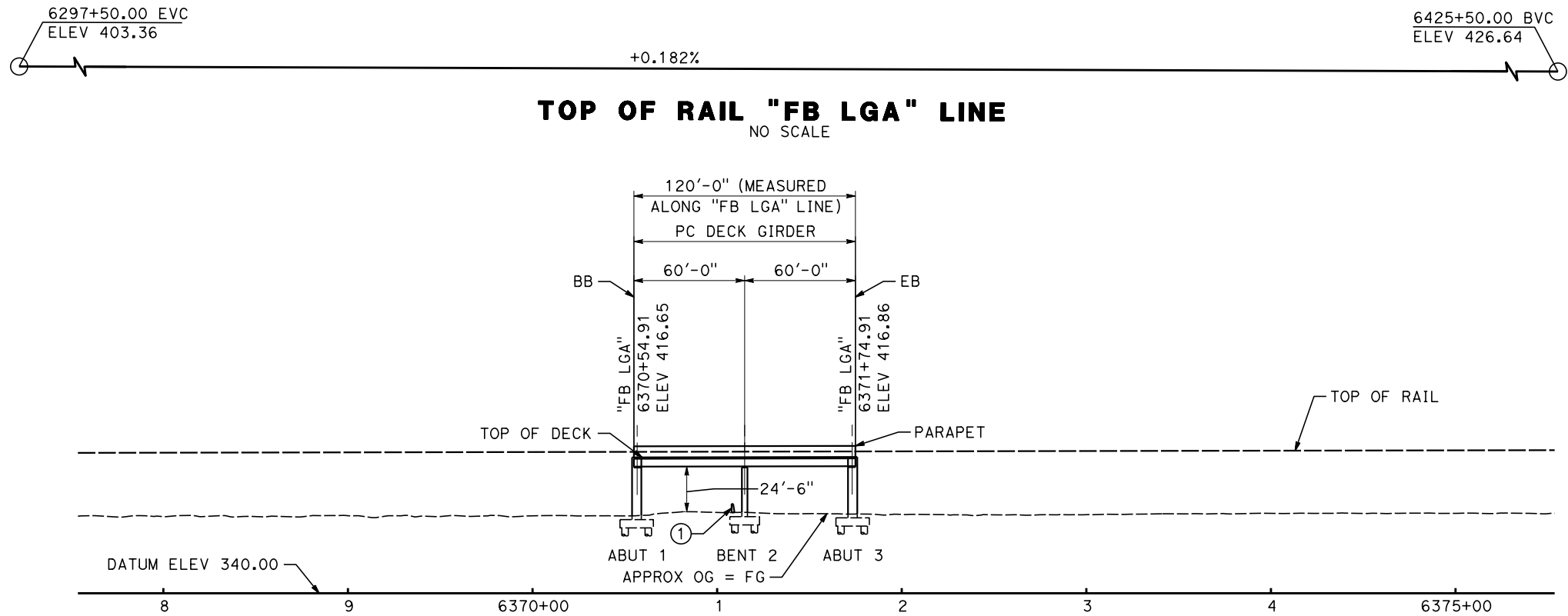
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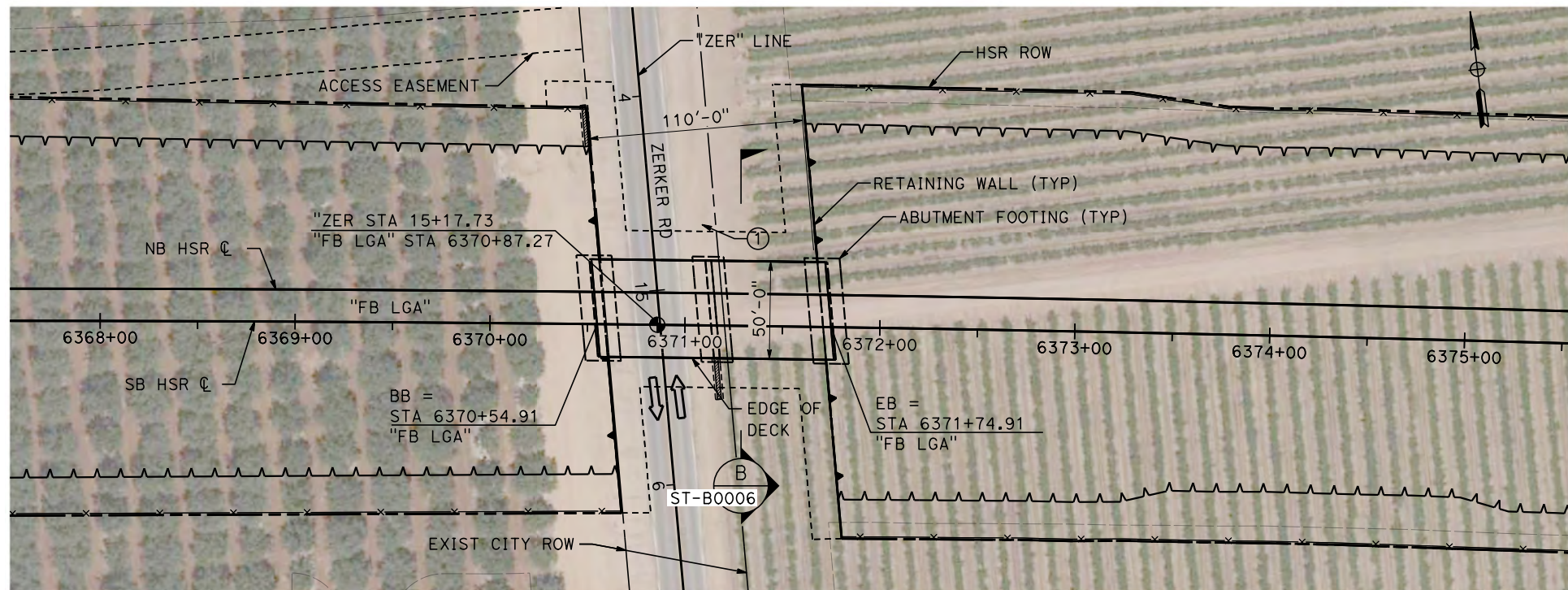
**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
CALLOWAY CANAL HST BRIDGE
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-K1010
SCALE AS SHOWN
SHEET NO.

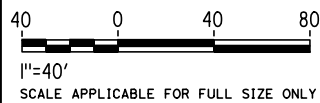
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\$PLTDRVS\$
\$PENTBLS\$
TYLIN\KBerry 10/14/2016 3:37:57 PM



ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY K.BERRY
DRAWN BY K.BERRY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

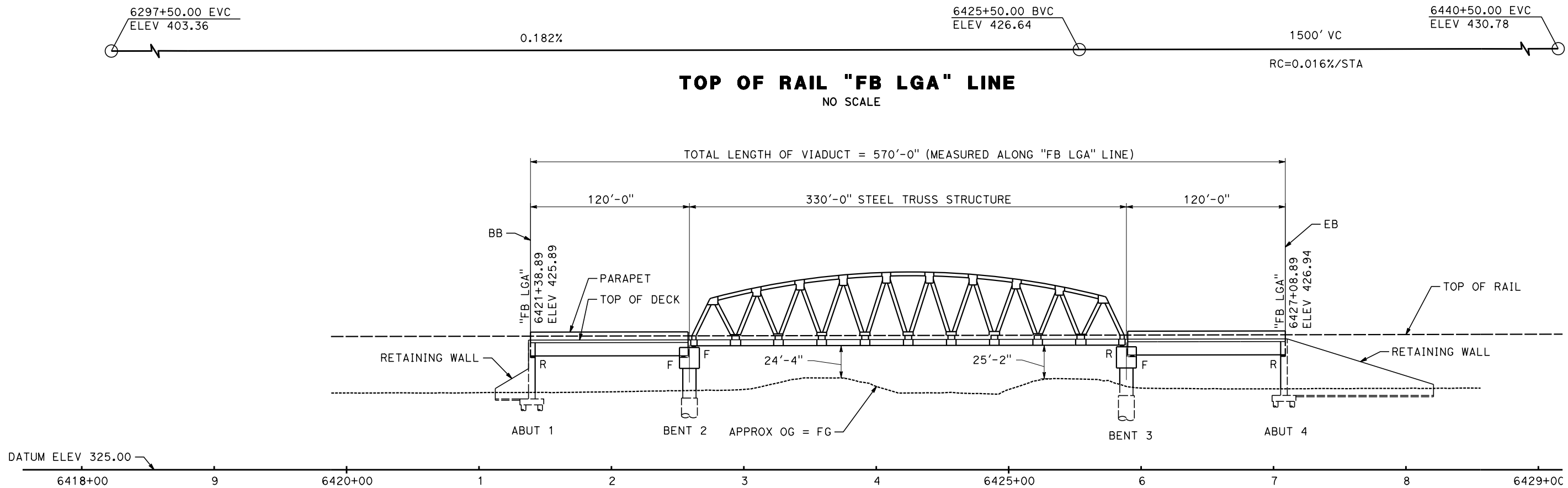
TYLININTERNATIONAL



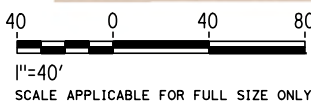
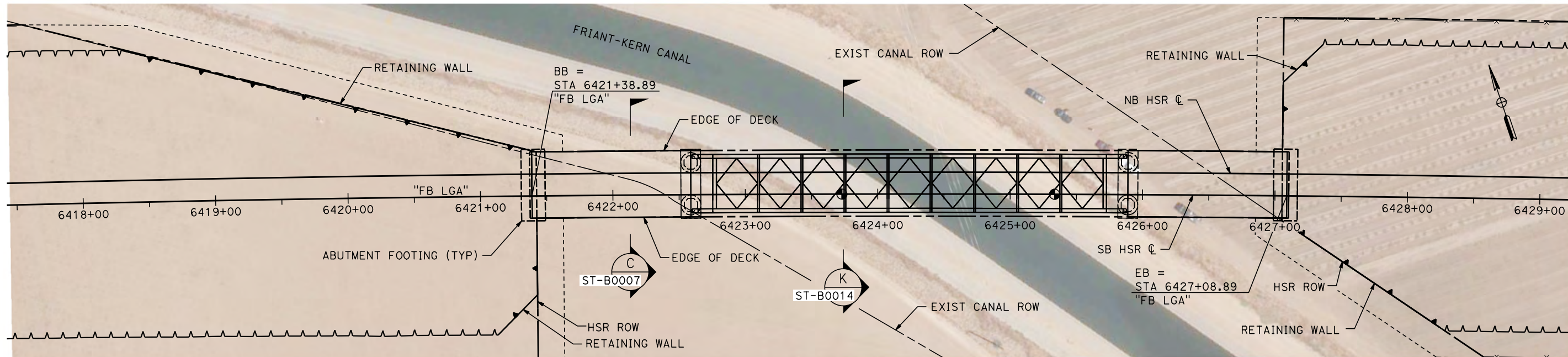
**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
ZERKER ROAD HST UNDERPASS
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-K1011
SCALE AS SHOWN
SHEET NO.

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\$PLTDRVS\$
\$PENTBLS\$
TYLIN\Kerry 10/14/2016 3:37:37 PM



ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. HEREFORD

DRAWN BY
E. HEREFORD

CHECKED BY
S. DULOR

IN CHARGE
S. DULOR

DATE
10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



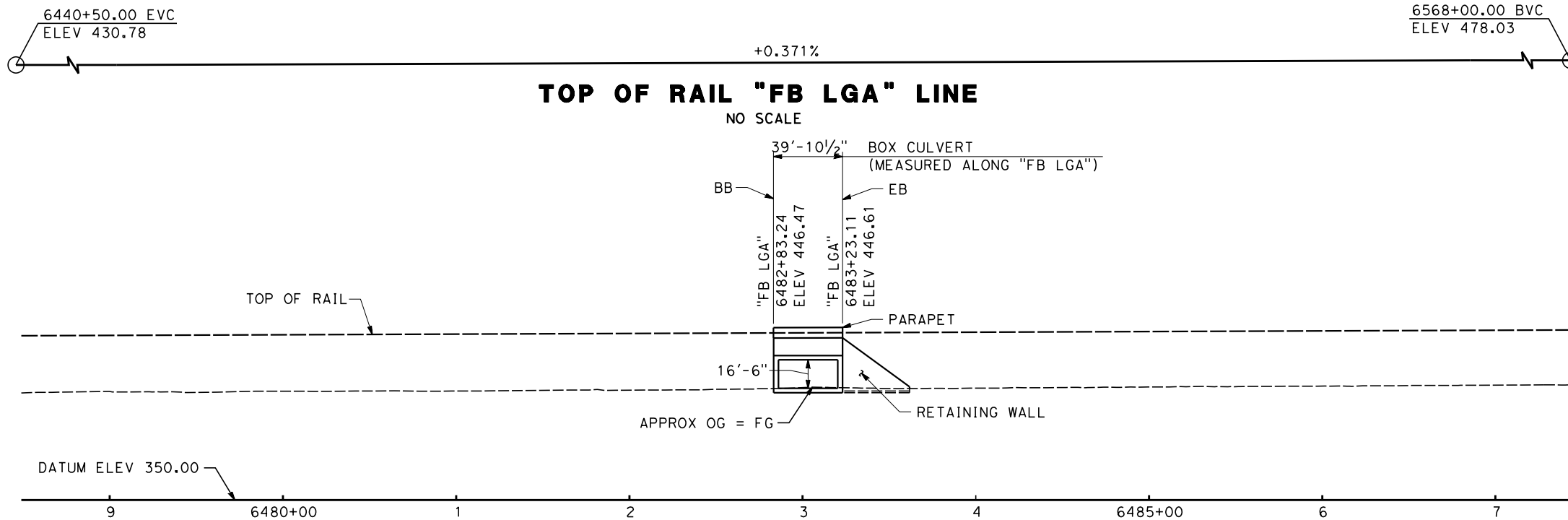
CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
FRIANT-KERN CANAL HST BRIDGE
PLAN AND ELEVATION

CONTRACT NO.
HSR13-44

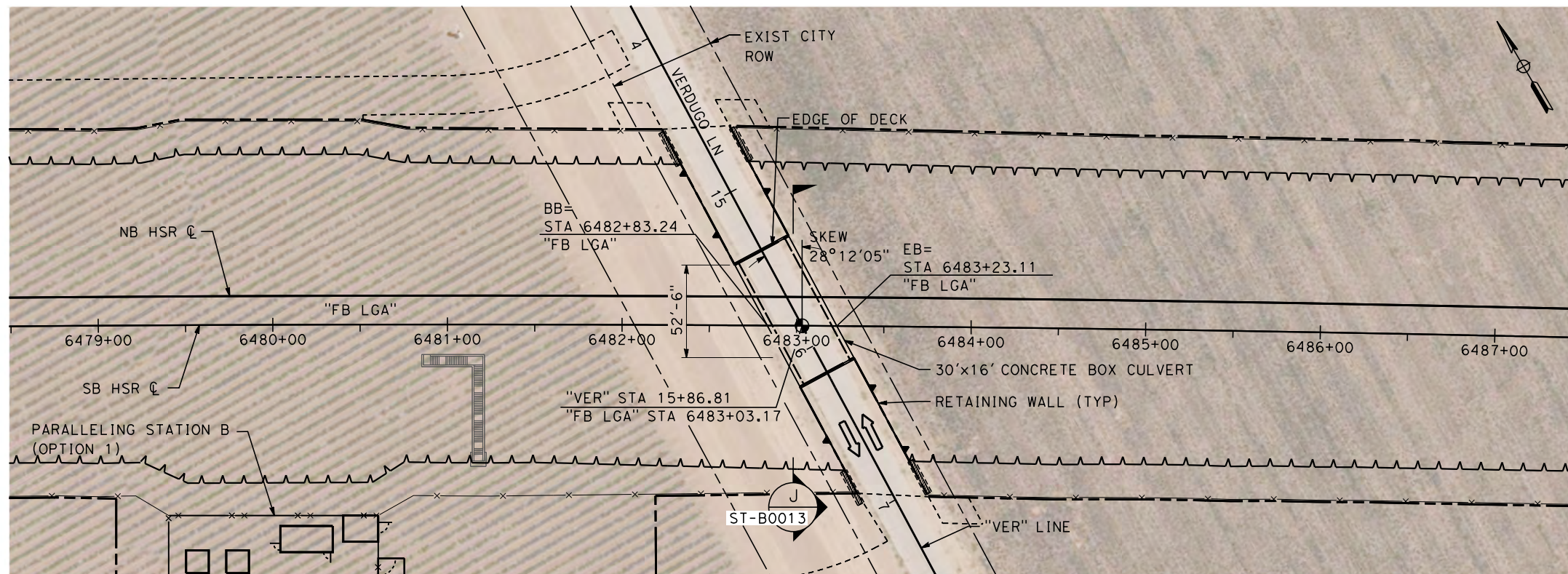
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ST-K1012

SCALE
AS SHOWN

SHEET NO.

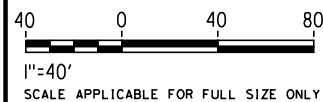


ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'

10/24/2016 10:09:34 PM CHSR_PDF_half_black.plt c:\pwworking\tylin\dwg\ssdior\dms27052\BFSSA-ST-K1013.dgn
SSDior CAHSR-fbi



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY K.BERRY
DRAWN BY K.BERRY
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

RECORD SET
PEPD DESIGN
SUBMISSION

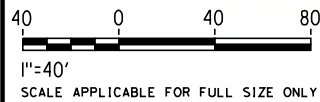
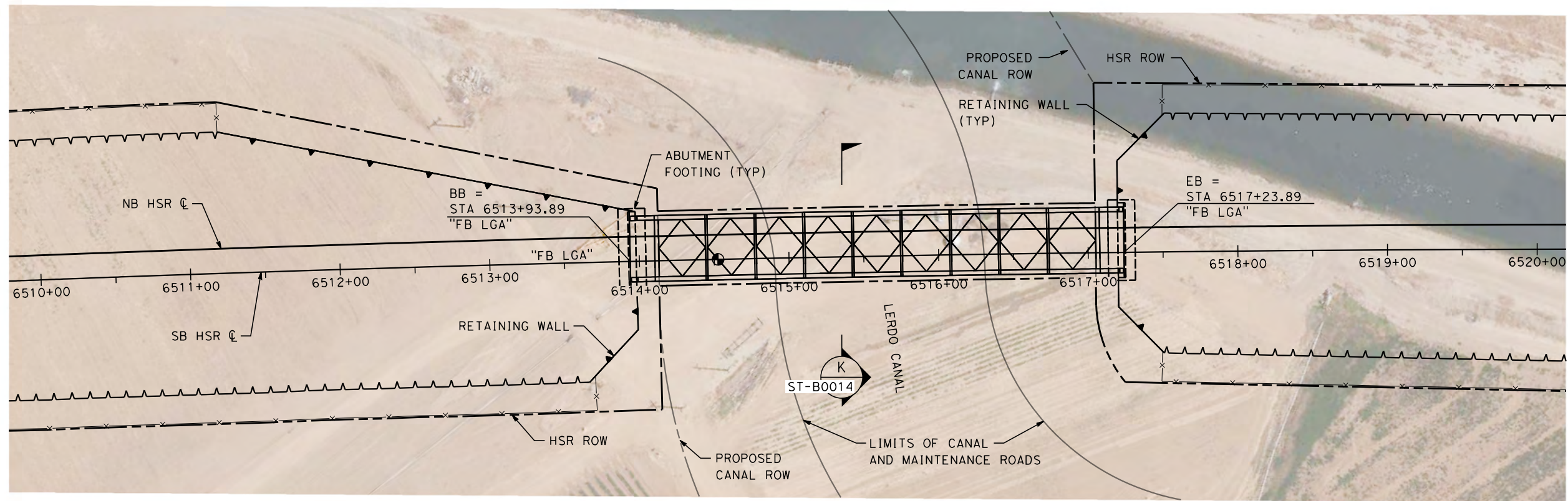
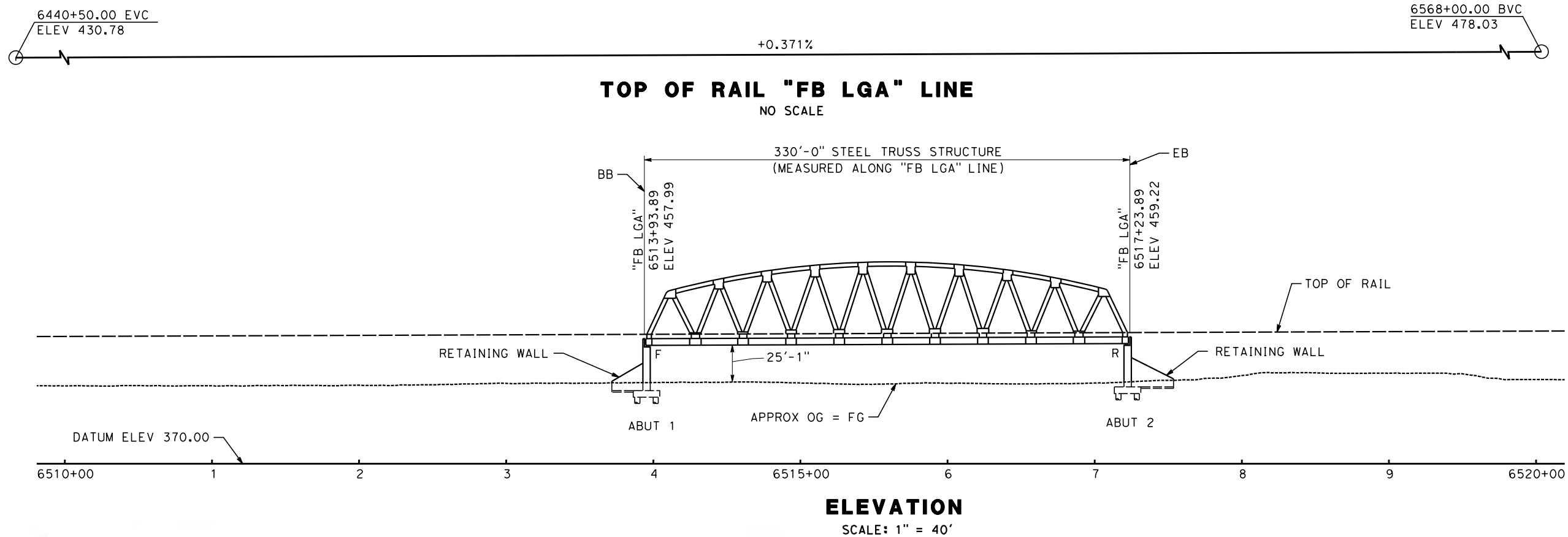
TYLININTERNATIONAL



CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
VERDUGO LANE HST UNDERPASS
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-K1013
SCALE AS SHOWN
SHEET NO.

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SDulor



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY E. HEREFORD
DRAWN BY E. HEREFORD
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/16

**RECORD SET
PEPD DESIGN
SUBMISSION**

TYLININTERNATIONAL

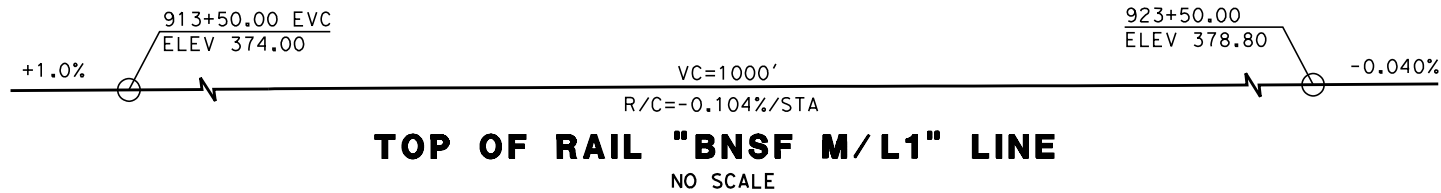


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

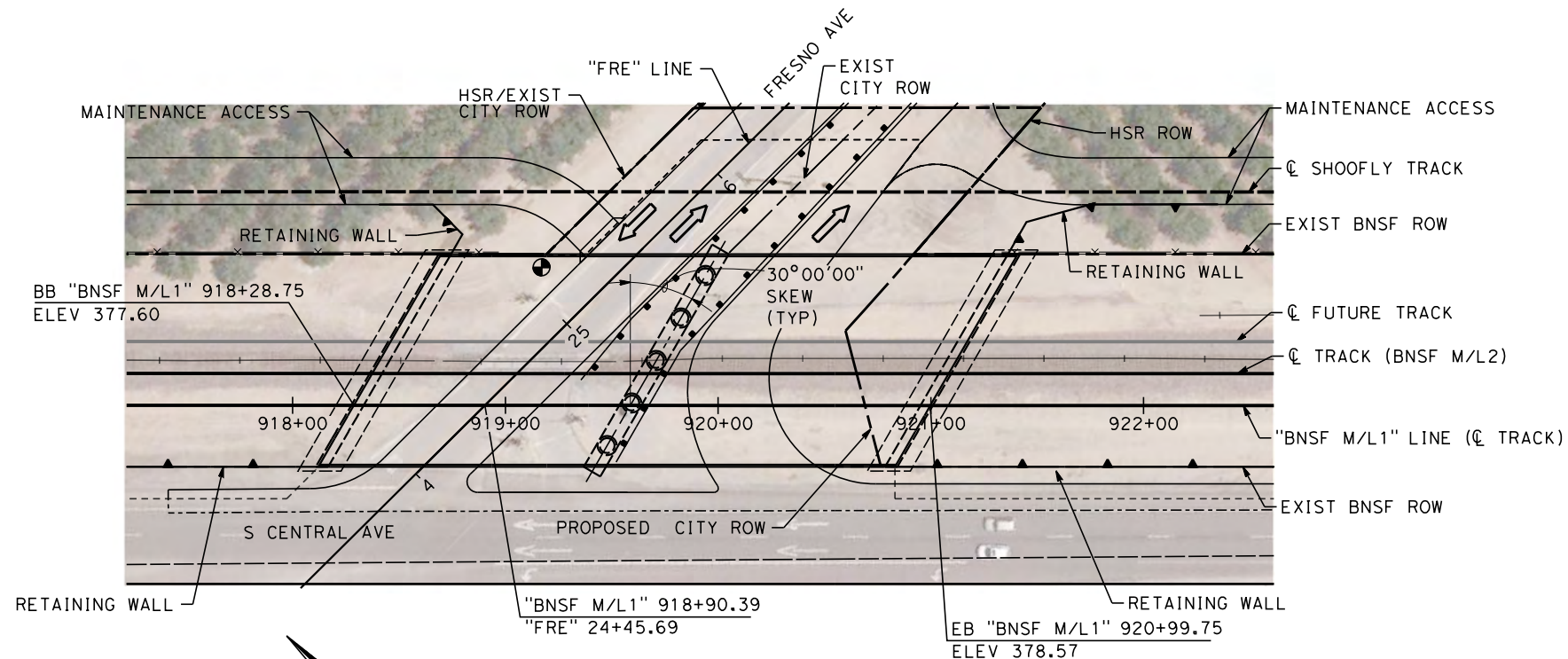
**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
LERDO CANAL HST BRIDGE
PLAN AND ELEVATION

CONTRACT NO. HSR13-44
DRAWING NO. ST-K1014
SCALE AS SHOWN
SHEET NO.

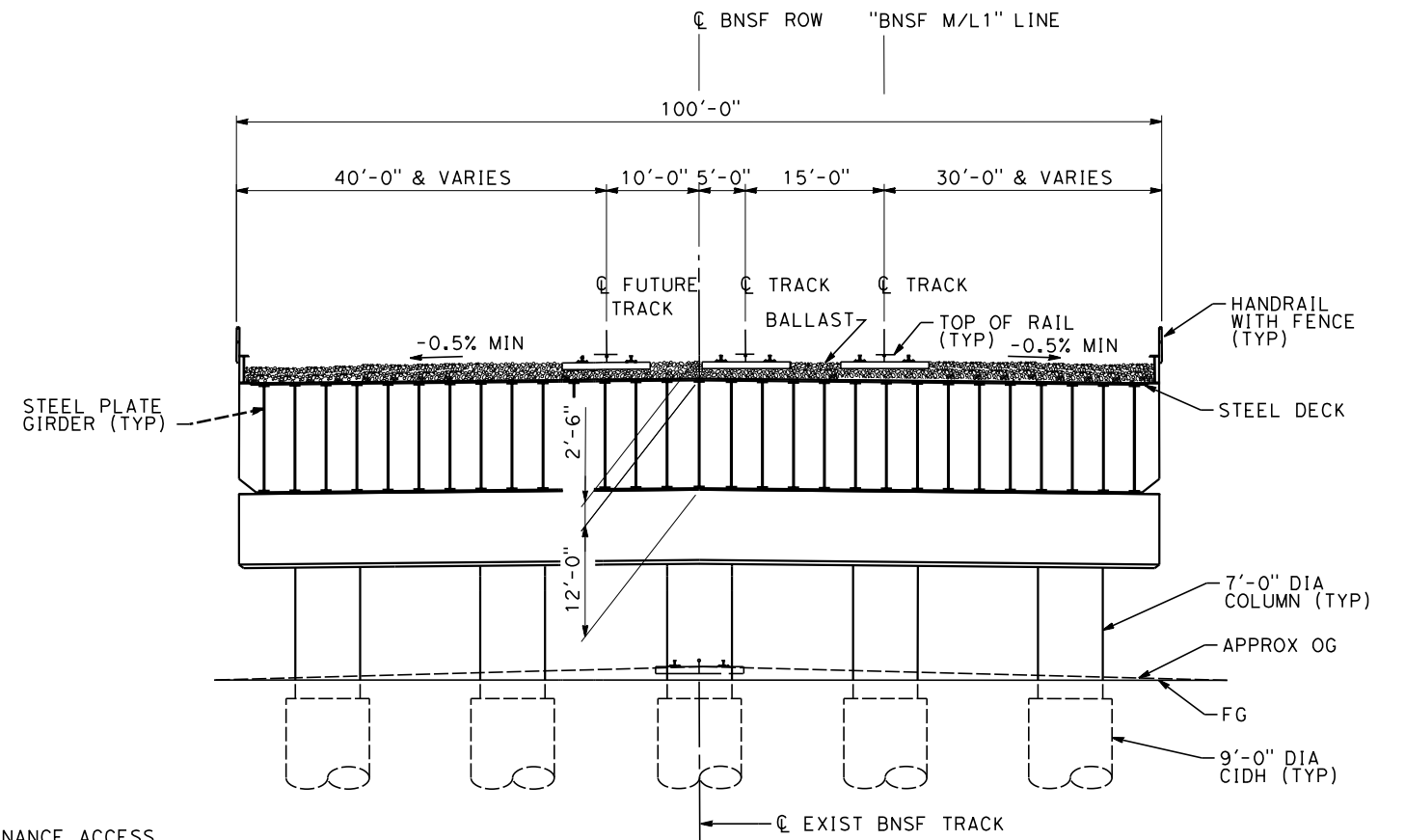
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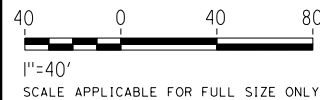
ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'



TYPICAL SECTION
SCALE: 1" = 10'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY T. KIRILOV
DRAWN BY A. TOLEDO
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/2016

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL

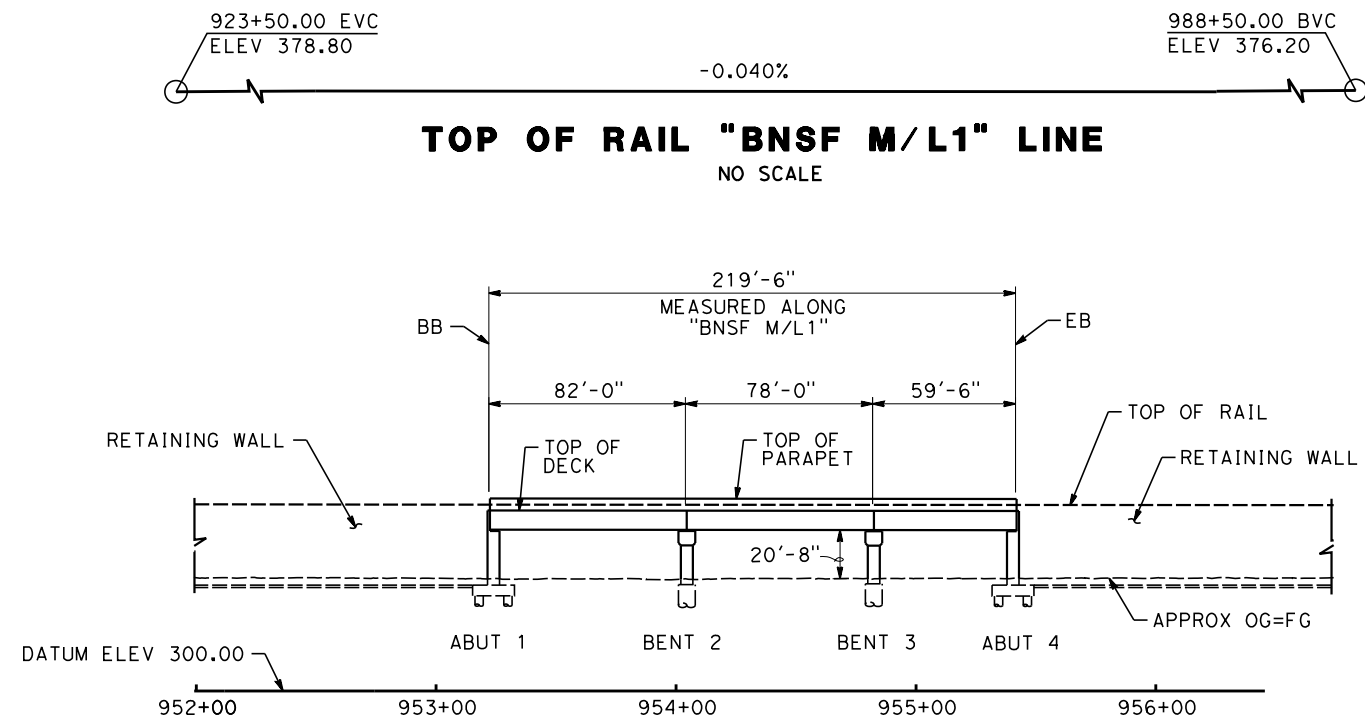


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

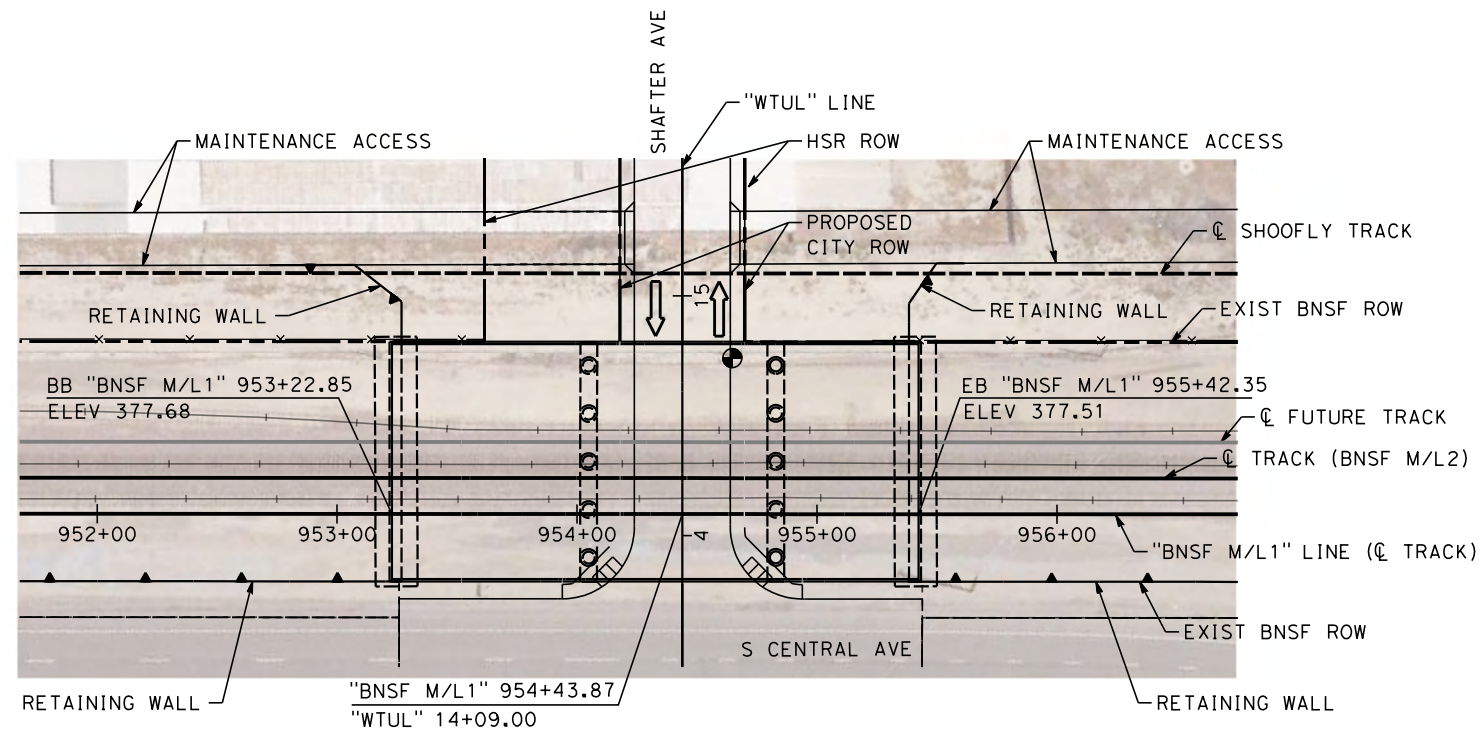
CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
FRESNO AVENUE BNSF UNDERPASS
GENERAL PLAN

CONTRACT NO. HSR13-44
DRAWING NO. ST-K7001
SCALE AS SHOWN
SHEET NO.

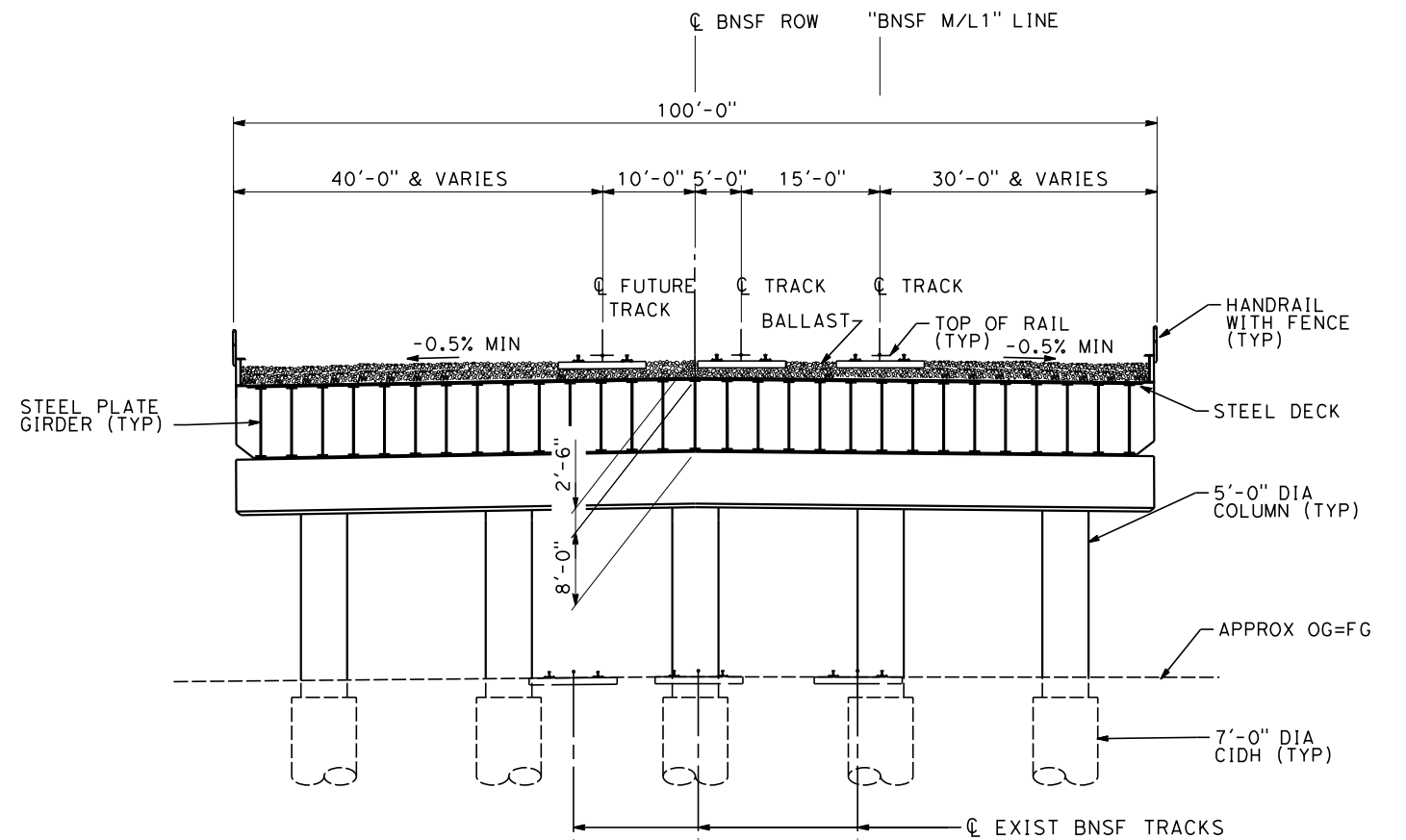
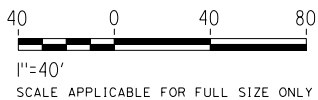
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ELEVATION
SCALE: 1" = 40'



PLAN
SCALE: 1" = 40'



TYPICAL SECTION
SCALE: 1" = 10'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY T. KIRILOV
DRAWN BY A. TOLEDO
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/2016

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL

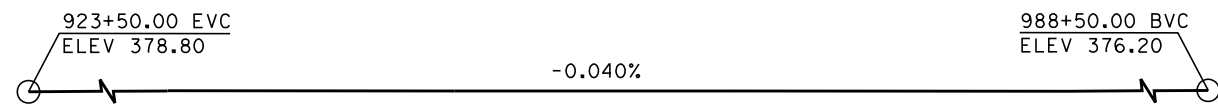


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
SHAFTER AVENUE BNSF UNDERPASS
GENERAL PLAN

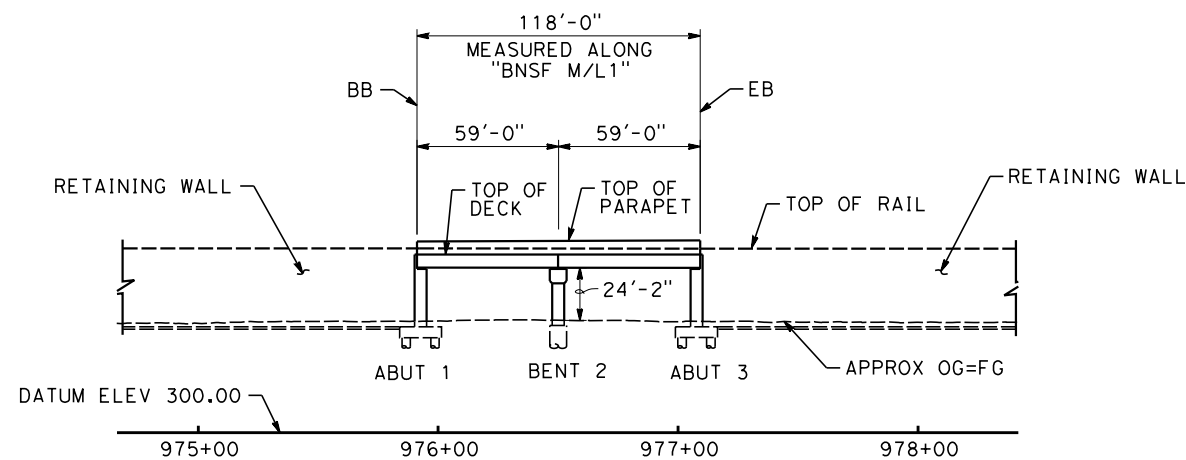
CONTRACT NO. HSR13-44
DRAWING NO. ST-K7002
SCALE AS SHOWN
SHEET NO.

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SDULOR
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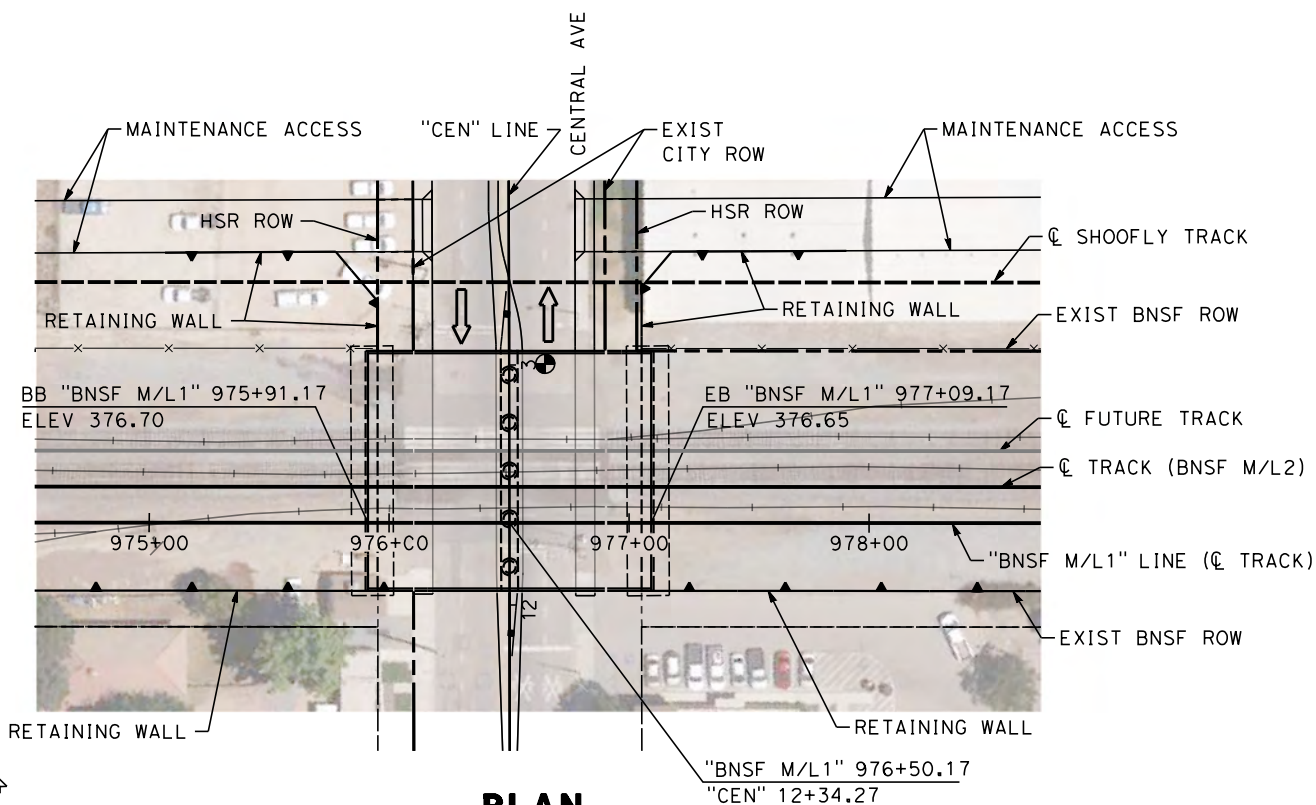
TOP OF RAIL "BNSF M/L1" LINE

NO SCALE



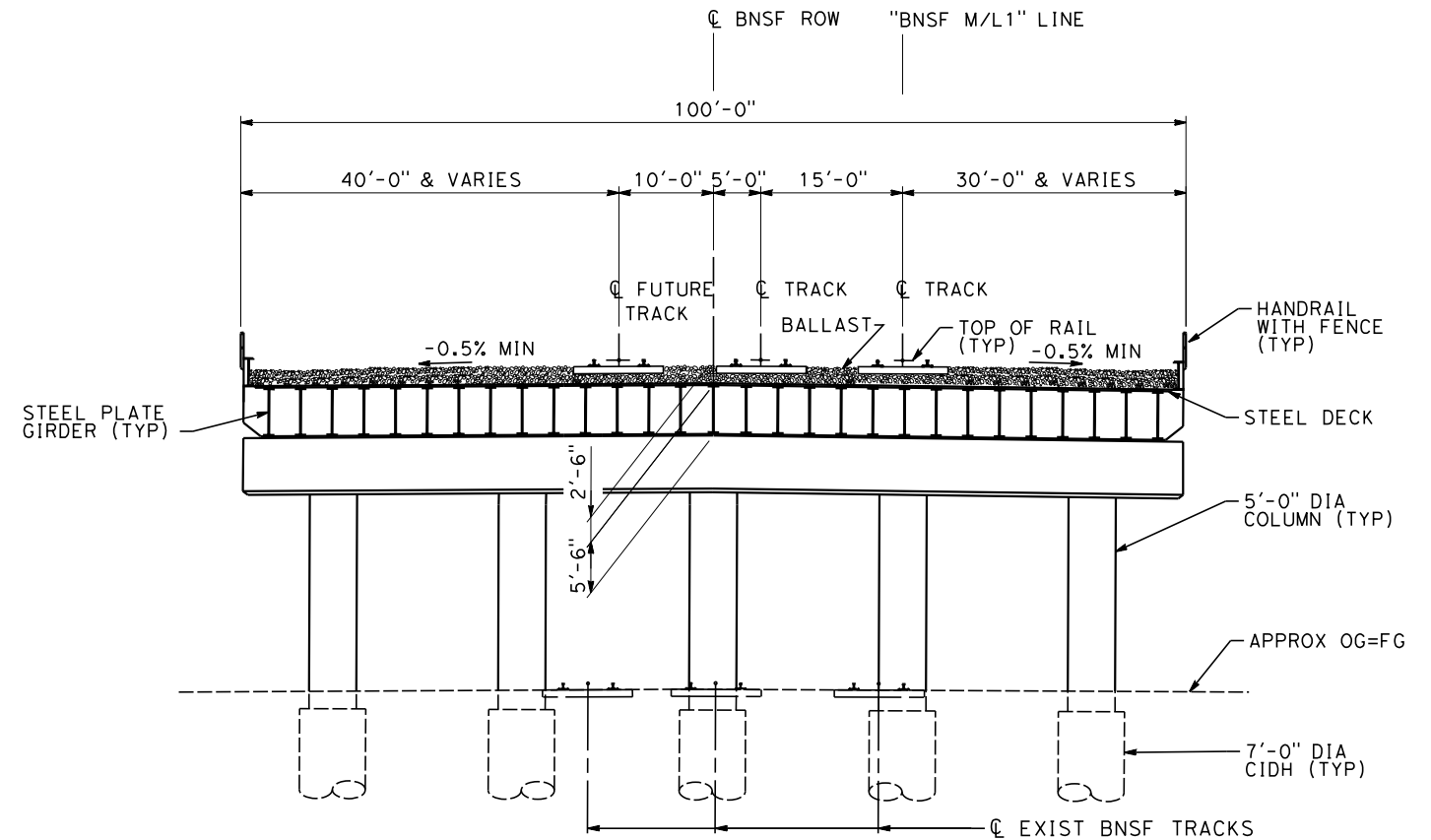
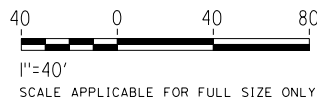
ELEVATION

SCALE: 1" = 40'



PLAN

SCALE: 1" = 40'



TYPICAL SECTION

SCALE: 1" = 10'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY T. KIRILOV
DRAWN BY A. TOLEDO
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/2016

RECORD SET
PEPD DESIGN
SUBMISSION

TYLIN INTERNATIONAL

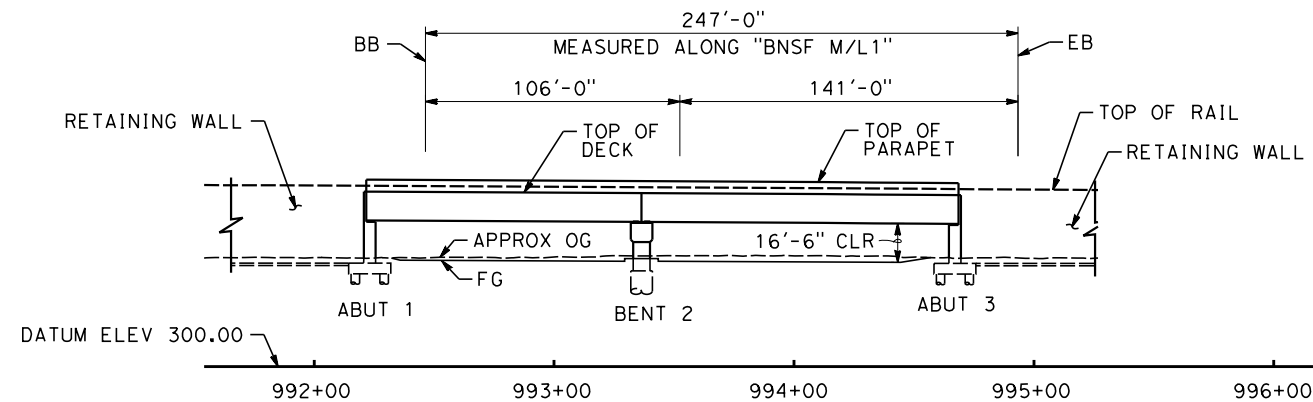
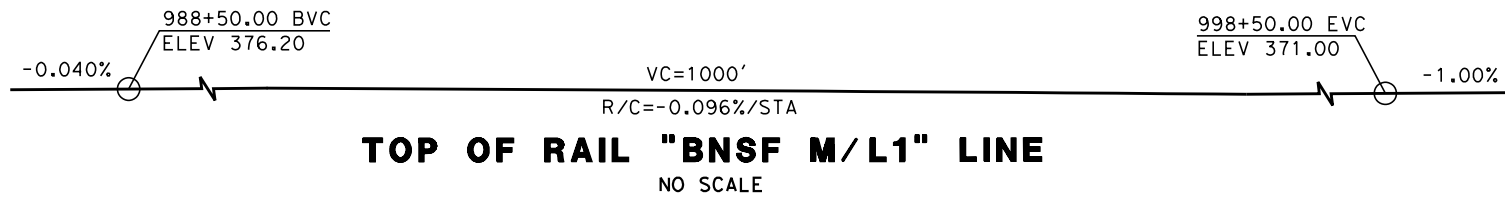


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

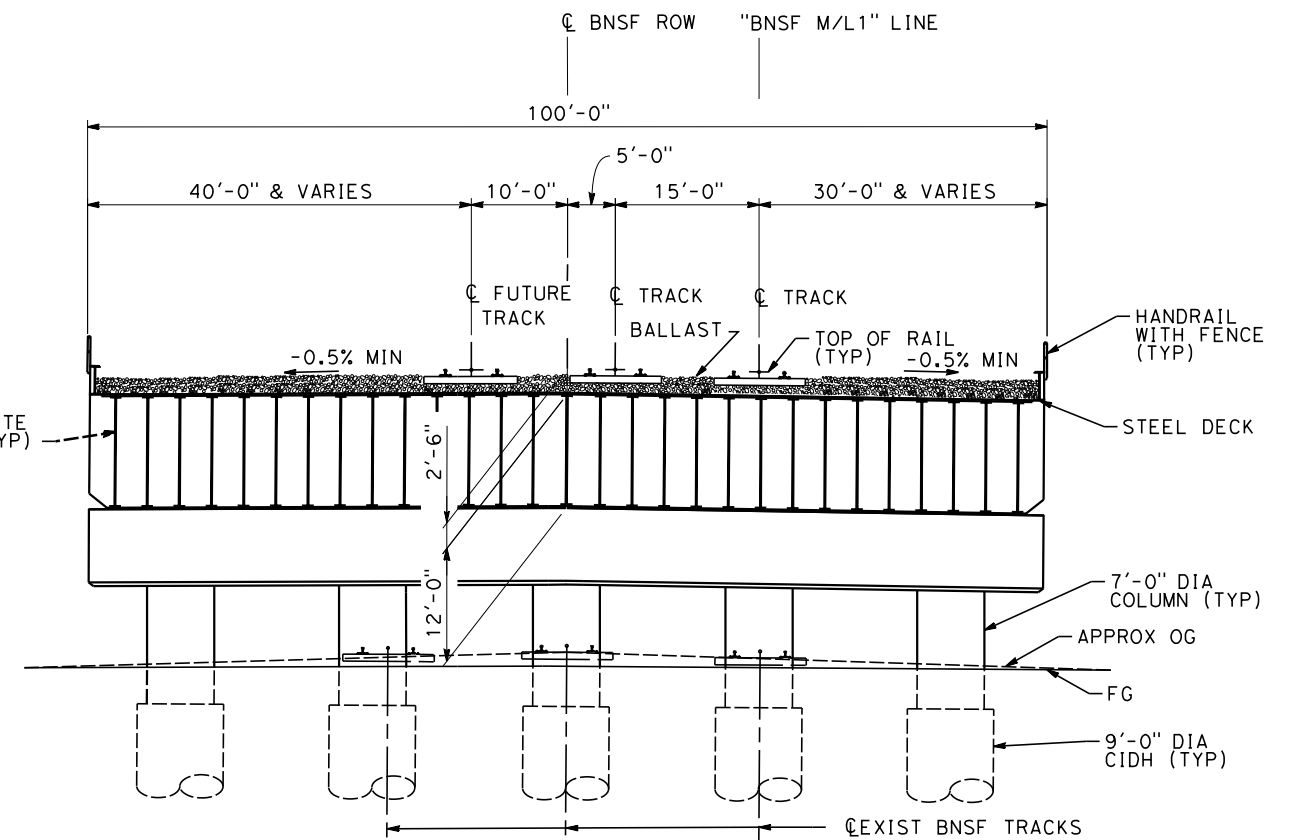
CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
CENTRAL AVENUE BNSF UNDERPASS
GENERAL PLAN

CONTRACT NO. HSR13-44
DRAWING NO. ST-K7003
SCALE AS SHOWN
SHEET NO.

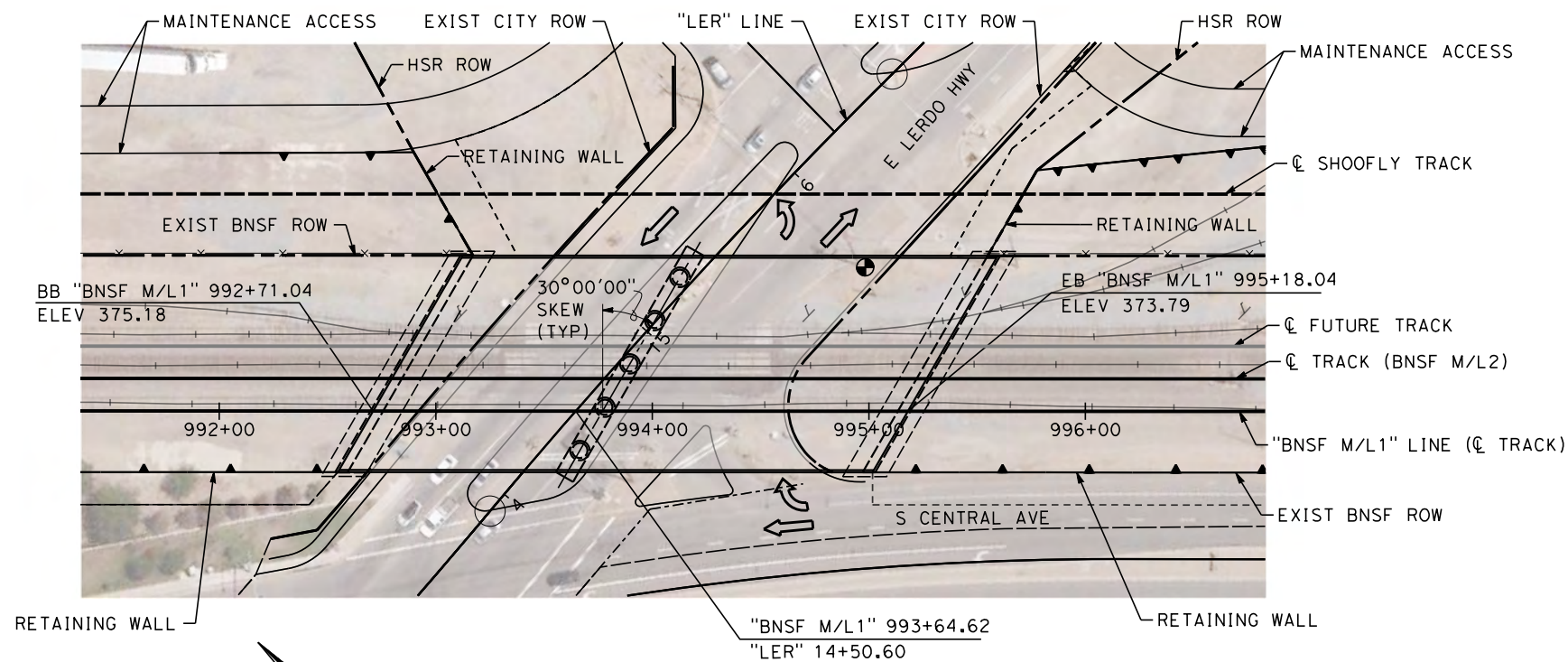
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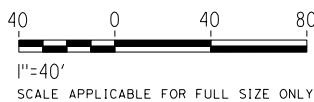
ELEVATION
SCALE: 1" = 40'



TYPICAL SECTION
SCALE: 1" = 10'



PLAN
SCALE: 1" = 40'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY T. KIRILOV
DRAWN BY A. TOLEDO
CHECKED BY S. DULOR
IN CHARGE S. DULOR
DATE 10/28/2016

RECORD SET
PEPD DESIGN
SUBMISSION

TYLININTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
E LERDO HWY BNSF UNDERPASS
GENERAL PLAN

CONTRACT NO. HSR13-44
DRAWING NO. ST-K7004
SCALE AS SHOWN
SHEET NO.

