

California High-Speed Rail Authority

Palmdale to Burbank Project Section

PEPD RECORD SET REV02

Bridges and Elevated Structures Plans

April 2024



The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being or have been carried out by the State of California pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated July 23, 2019, and executed by the Federal Railroad Administration and the State of California.

A

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

B

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

C

CAA	CABLE ANCHOR ASSEMBLY
CAP	CORRUGATED ALUMINUM PIPE
CAPA	CORRUGATED ALUMINUM PIPE ARCH
CAS	CONSTRUCTION AREA SIGN
CB	CONCRETE BARRIER
CBW	CONCRETE BLOCK WALL
C-C	CENTER TO CENTER

C CONTINUED

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

D

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

E

E	EAST, EASTING
EA	ACTUAL SUPERELEVATION
EU	UNBALANCED SUPERELEVATION

E CONTINUED

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

F

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

G

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

H

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

I

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

J

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

K

K	DISTANCE TO ACHIEVE 1% GRADE CHANGE
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L

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

M

MAINT	MAINTENANCE
MAX	MAXIMUM
MB	METAL BEAM
MBB	METAL BEAM BARRIER
MBGR	METAL BEAM GUARD RAILING
MED	MEDIAN
M-F	MERCED TO FRESNO
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MISC I & S	MISCELLANEOUS IRON AND STEEL

M CONTINUED

MKR	MARKER
M/L	MAIN LINE (RAILWAY)
MOD	MODIFIED, MODIFY
MON	MONUMENT
MP	METAL PLATE
MPGR	METAL PLATE GUARD RAILING
MPD	MODIFIED PROCTOR DENSITY
MPH	MILES PER HOUR
MR	MOVEMENT RATING
MSE	MECHANICALLY STABILIZED EARTH
MTL	MATERIAL
MSS	MOVING SCAFFOLDING SYSTEM

N

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

O

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

P

P	PAGE
PAP	PERFORATED ALUMINUM PIPE
PB	PULL BOX
PC	POINT OF CURVATURE, PRECAST
PCC	POINT OF COMPOUND CURVE, PORTLAND CEMENT CONCRETE
PCP	PERFORATED CONCRETE PIPE, PRESTRESSED CONCRETE PIPE
PCVC	POINT OF COMPOUND VERTICAL CURVE
PED	PEDESTRIAN
PED OC	PEDESTRIAN OVERCROSSING
PED UC	PEDESTRIAN UNDERCROSSING
PERM MTL	PERMEABLE MATERIAL
PG	PROFILE GRADE
PI	POINT OF INTERSECTION
PJP	PARTIAL JOINT PENETRATION
PL	PLATE
P/L	PROPERTY LINE
PM	POST MILE, TIME FROM NOON TO MIDNIGHT
PN	PAVING NOTCH
POB	POINT OF BEGINNING
POC	POINT OF HORIZONTAL CURVE
POE	POINT OF ENDING
POT	POINT OF TANGENT
POVC	POINT OF VERTICAL CURVE

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A.MOLINA
DRAWN BY J.LOPEZ
CHECKED BY J.REVOLTOS
IN CHARGE A.RELANO
DATE 04/30/2021

**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**



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

GENERAL
BRIDGES AND ELEVATED STRUCTURES
ABBREVIATIONS AND LEGEND 1 OF 2

CONTRACT NO. HSR14-42
DRAWING NO. ST-B0001
SCALE NONE
SHEET NO.

P CONTINUED

PP	PIPE PILE, PLASTIC PIPE, POWER POLE
PPL	PREFORMED PERMEABLE LINER
PPP	PERFORATED PLASTIC PIPE
PRC	POINT OF REVERSE CURVE
PRF	PAVEMENT REINFORCING FABRIC
PRVC	POINT OF REVERSE VERTICAL CURVE
PS&E	PLANS, SPECIFICATIONS AND ESTIMATES
PS, P/S	PRESTRESSED, PARALLEL STATION
PSP	PERFORATED STEEL PIPE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVP	MAINTENANCE VEHICLE PULLOUT

Q

QTY QUANTITY

R

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

S

S	SOUTH, SUPPLEMENT
SAE	STRUCTURE APPROACH EMBANKMENT
SAFZ	SAN ANDREAS FAULT ZONE
SALV	SALVAGE
SAPP	STRUCTURAL ALUMINUM PLATE PIPE
SB	SOUTHBOUND
SC	SPIRAL TO CURVE
SCSP	SLOTTED CORRUGATED STEEL PIPE
SD	STORM DRAIN
SEC	SECOND
SECT	SECTION
SEP	SEPARATION
SG	SUBGRADE
SHLD	SHOULDER
SHT	SHEET

S CONTINUED

SIM	SIMILAR
S	STATION LINE
SM	SELECTED MATERIAL
SPEC	SPECIAL, SPECIFICATIONS
SPP	SLOTTED PLASTIC PIPE
SS	SLOPE STAKE, SPIRAL TO SPIRAL
SS&M	STRAP AND SADDLE BRACKET METHOD
SSD	STRUCTURAL SECTION DRAIN
SSPA	STRUCTURAL STEEL PLATE ARCH
SSPP	STRUCTURAL STEEL PLATE PIPE
SSPPA	STRUCTURAL STEEL PLATE PIPE ARCH
SSRP	STEEL SPIRAL RIB PIPE
SR	STATE ROUTE
ST	STREET, SPIRAL TO TANGENT
STA	STATION
STBB	SINGLE THREE BEAM BARRIER
STD	STANDARD
STR	STRUCTURE
SRS	STAND ALONE RADIO SITE
SURF	SURFACING
SW	SIDEWALK, SOUND WALL
SWR	SEWER
SWS	SWITCHING STATION
SYM	SYMMETRICAL
S4S	SURFACE 4 SIDES

T

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

U

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

V

V	VALVE, DESIGN SPEED
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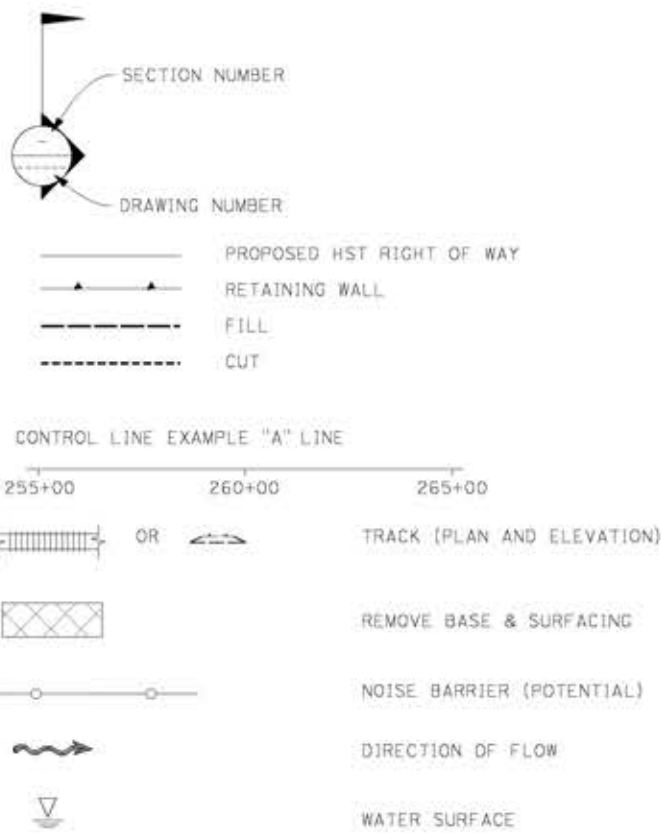
V

VAR	VARIABLE
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VIA	VIADUCT
VOL	VOLUME

W

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

LEGEND



X

X SEC XING CROSS SECTION CROSSING

Y

YR YEAR YRS YEARS

GENERAL NOTES

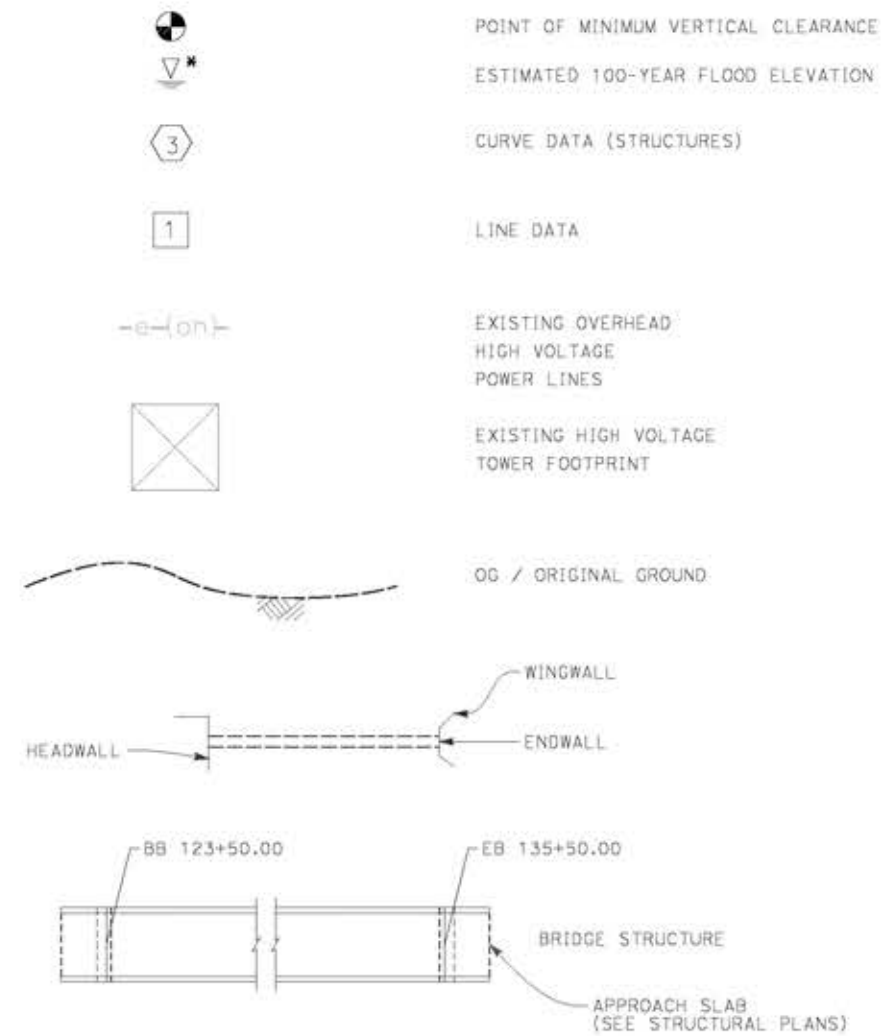
STATIONS SHOWN IN PLANS ARE REFERRED TO SOUTH BOUND PROFILE

ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

STA 296+82.67 (SPRUCE CT) IS THE NORTHERN LIMIT OF THE PALMDALE-BURBANK ENVIRONMENTAL DOCUMENT. NORTH OF THIS POINT REFERS TO BAKERSFIELD-PALMDALE ENVIRONMENTAL DOCUMENT. DESIGN FEATURES BETWEEN STA 265+00.00 AND STA 296+82.67 (SPRUCE CT) SHOWN FOR REFERENCE ONLY.

DRAWING CODES:

ST-J10XX: HSR STRUCTURES
 ST-J12XX: UPRR / SCRRRA / METROLINK STRUCTURE
 ST-J14XX: ROADWAY STRUCTURE



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK

GENERAL
 BRIDGES AND ELEVATED STRUCTURES
 ABBREVIATIONS AND LEGEND 2 OF 2

CONTRACT NO.

DRAWING NO.
ST-B0002

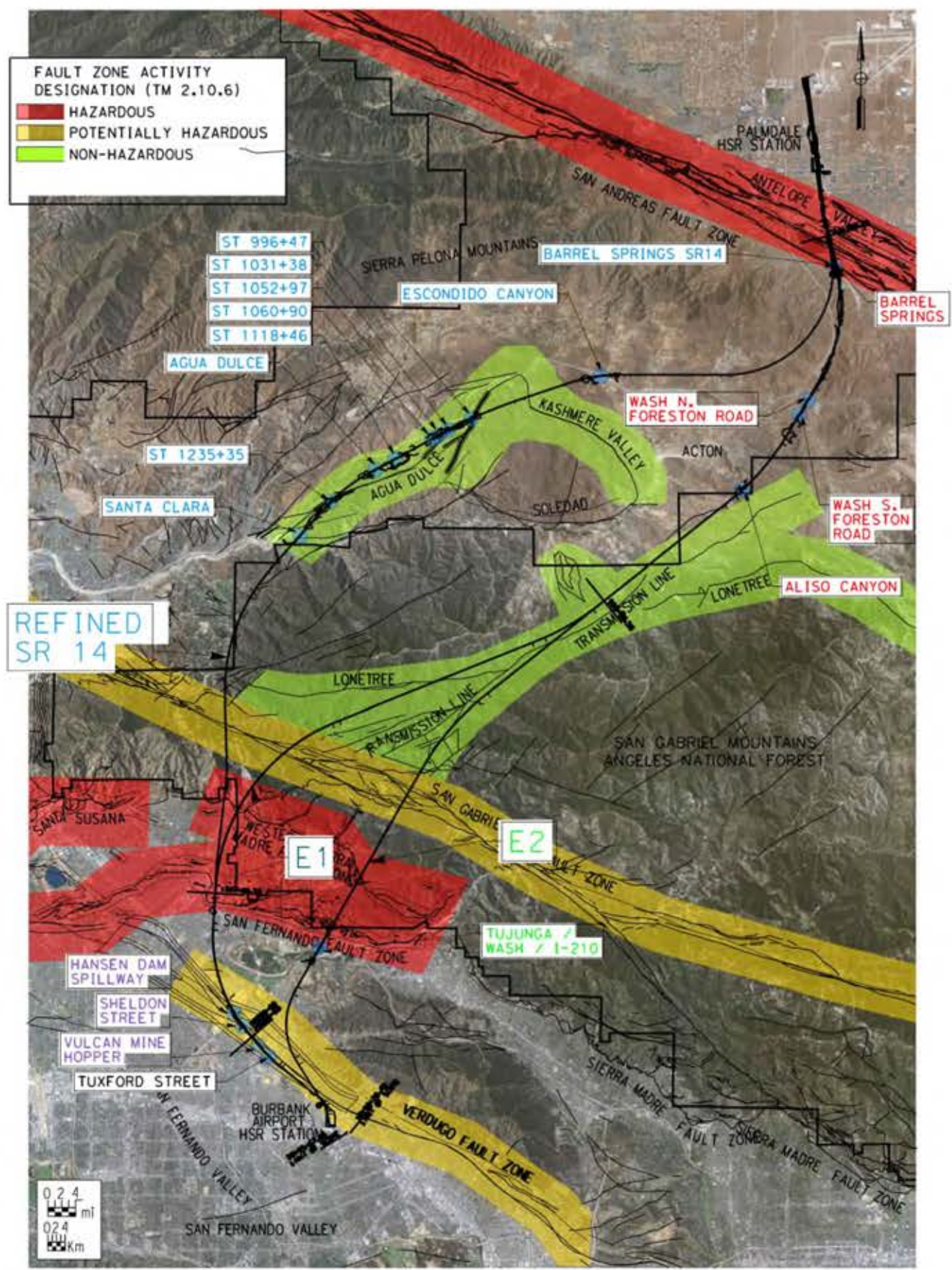
SCALE
NONE

SHEET NO.

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DRAWING NO	DESCRIPTION	BEGIN STR STATION	FAULTING	CLASSIFICATION	SUBSURFACE CONDITIONS	FOUNDATION TYPE
ST-J1008-E1	BARREL SPRINGS ROAD	ST 376+05	SAFZ (Nadeau) at/within 200 ft buffer zone, HFZ	PRIMARY / IMPORTANT / COMPLEX	Alluvium, Site Class D	Piled
ST-J1009-E1	NORTH OF FORESTON DRIVE	ST 576+58	3.0 Miles/ SAFZ, HFZ 1.8 Miles/ Unnamed, NHFZ	PRIMARY / IMPORTANT / COMPLEX	Alluvium, Site Class D-C	Piled
ST-J1010-E1	SOUTH OF FORESTON DRIVE	ST 597+80	3.4 Miles/ SAFZ, HFZ 1.7 Miles/ Unnamed, NHFZ	PRIMARY / IMPORTANT / COMPLEX	Alluvium, Site Class D-C	Piled
ST-J1012-E1	ALISO CANYON	ST 738+10	0.11 Miles/ Unnamed/ NHFZ	PRIMARY / IMPORTANT / STANDARD	Alluvium, Site Class D-C	Piled / Shallow
ST-J1008-S14	BARREL SPRINGS ROAD	ST 375+57	SAFZ (Nadeau) at/within 200 ft buffer zone, HFZ	PRIMARY / IMPORTANT / COMPLEX	Alluvium, Site Class D	Piled
ST-J1009-S14	ESCONDIDO CANYON	ST 789+51	Within 0.9-3.8 Miles of several unnamed and named faults including: Kashmere Valley 1.34 mi Little Escondido 1.9 mi Pole Canyon 3.15 mi Agua Dulce 3.6 mi Soledad Fault 3.8 mi, NHFZ	PRIMARY / IMPORTANT / COMPLEX	Alluvium, Soft Rock Site Class D-C	Piled
ST-J1012-S14	ST 996+47	ST 996+51	Little Escondido and Agua Dulce at/within 200 ft buffer zone. Elkhorn, Soledad, Pole Cyn within 1-2 mile radius, NHFZ	PRIMARY / IMPORTANT / STANDARD	Alluvium/ Soft Rock, Site Class C	Piled / Shallow
ST-J1013-S14	ST 1031+38	ST 1031+38	Agua Dulce Fault at/within 200 ft buffer zone. Elkhorn, Soledad, Pole Cyn within 1-2 mile radius, NHFZ	PRIMARY / IMPORTANT / STANDARD	Alluvium/ Soft Rock, Site Class C	Piled / Shallow
ST-J1015-S14	ST 1052+97	ST 1052+97	500-1000 ft/ Agua Dulce Fault. Several others in 1-2 mi radius, NHFZ	PRIMARY / IMPORTANT / STANDARD	Soft Rock, Site Class C	Piled / Shallow
ST-J1016-S14	ST 1060+90	ST 1061+10	500-1000 ft/ Agua Dulce Fault. Several others in 1-2 mi radius, NHFZ	PRIMARY / IMPORTANT / STANDARD	Soft Rock, Site Class C	Piled / Shallow
ST-J1017-S14	ST 1118+46	ST 1118+46	0.38 Mile Agua Dulce Fault 1.3 Mile Green Ranch Fault, NHFZ	PRIMARY / IMPORTANT / COMPLEX	Alluvium / Soft Rock Site Class D-C	Piled / Shallow
ST-J1019-S14	AGUA DULCE	ST 1143+70	0.28 Mile Agua Dulce Fault 1.15 Mile Green Ranch Fault, NHFZ	PRIMARY / IMPORTANT / COMPLEX	Alluvium / Soft Rock Site Class D-C	Piled / Shallow
ST-J1021-S14	ST 1235+35	ST 1235+55	Agua Dulce Fault at/within 200 ft buffer zone. NHFZ 1 Mile from Green Ranch Fault, NHFZ	PRIMARY / IMPORTANT / STANDARD	Alluvium / Soft Rock Site Class D-C	Piled / Shallow
ST-J1022-S14	SANTA CLARA	ST 1289+94	0.41 Mile Agua Dulce Fault 0.47 Pole Canyon Fault, NHFZ	PRIMARY / IMPORTANT / COMPLEX	Alluvium / Soft Rock Site Class D-C	Piled / Shallow
ST-J1013-E2	TUJUNGA WASH / I-210	ST 1638+00	500-1000 ft/ Sierra Madre, San Fernando Section Lakeview flt, HFZ	PRIMARY / IMPORTANT / COMPLEX	Alluvium/Artificial Fill/ Soft Rock, Site Class D-C	Piled
ST-J1025-S14	HANSEN DAM SPILLWAY	ST 0+00	Verdugo Fault Zone (VFZ) at/within 200 ft buffer zone PHFZ	PRIMARY / IMPORTANT / STANDARD	Alluvium, Site Class D	Piled
ST-J1026-S14	SHELDON STREET	ST 1949+00	500-1000 ft/ VFZ PHFZ	PRIMARY / IMPORTANT / STANDARD	Alluvium, Site Class D	Piled
ST-J1027-S14	VULCAN MINE HOPPER	ST 0+00	500-1000 ft/ VFZ PHFZ	PRIMARY / IMPORTANT / STANDARD	Alluvium, Site Class D	Piled
ST-J1028-S14	TUXFORD STREET	ST 0+00	500-1000 ft/ VFZ PHFZ	PRIMARY / IMPORTANT / STANDARD	Alluvium, Site Class D	Piled

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELAÑO
DATE
04/30/2021

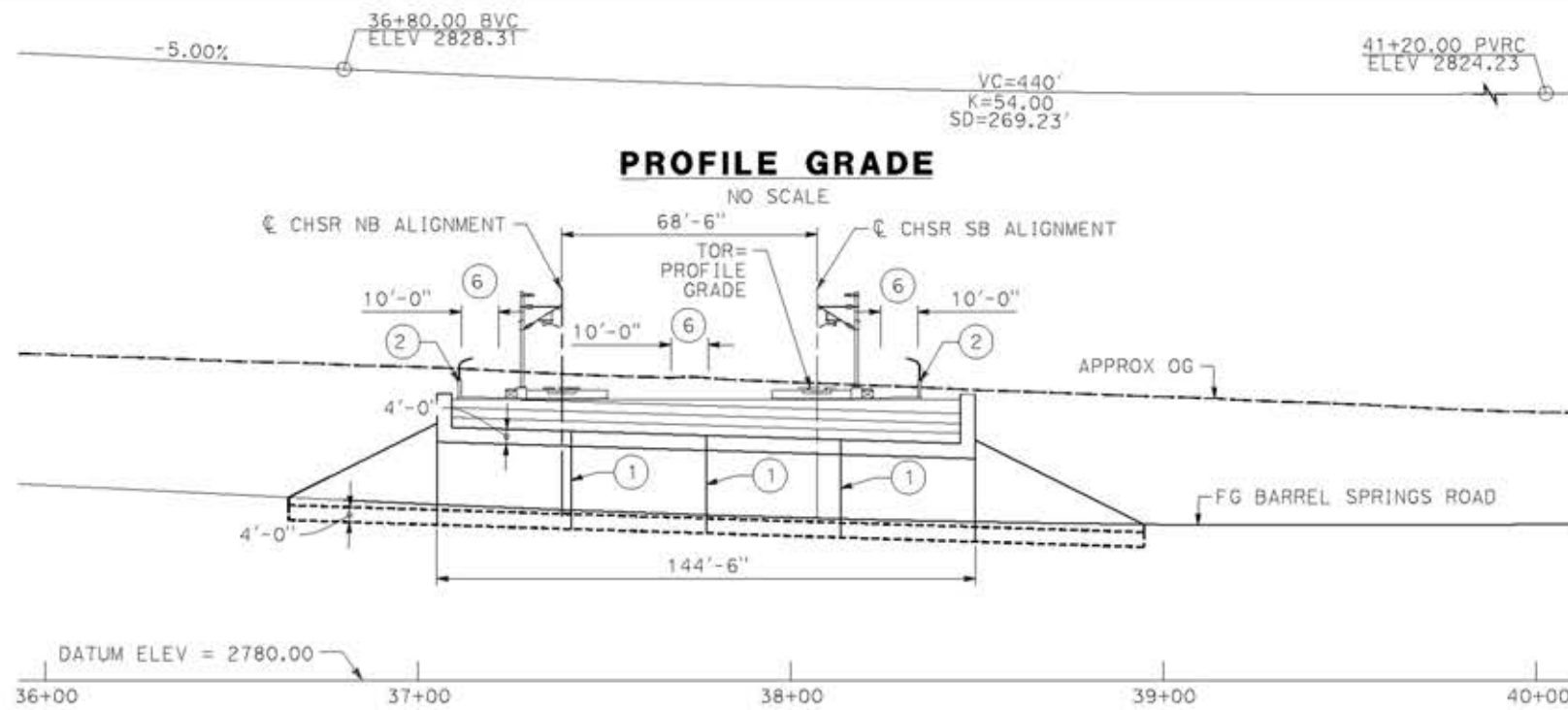
**PEPD RECORD SET
REV 02**

**NOT FOR
CONSTRUCTION**

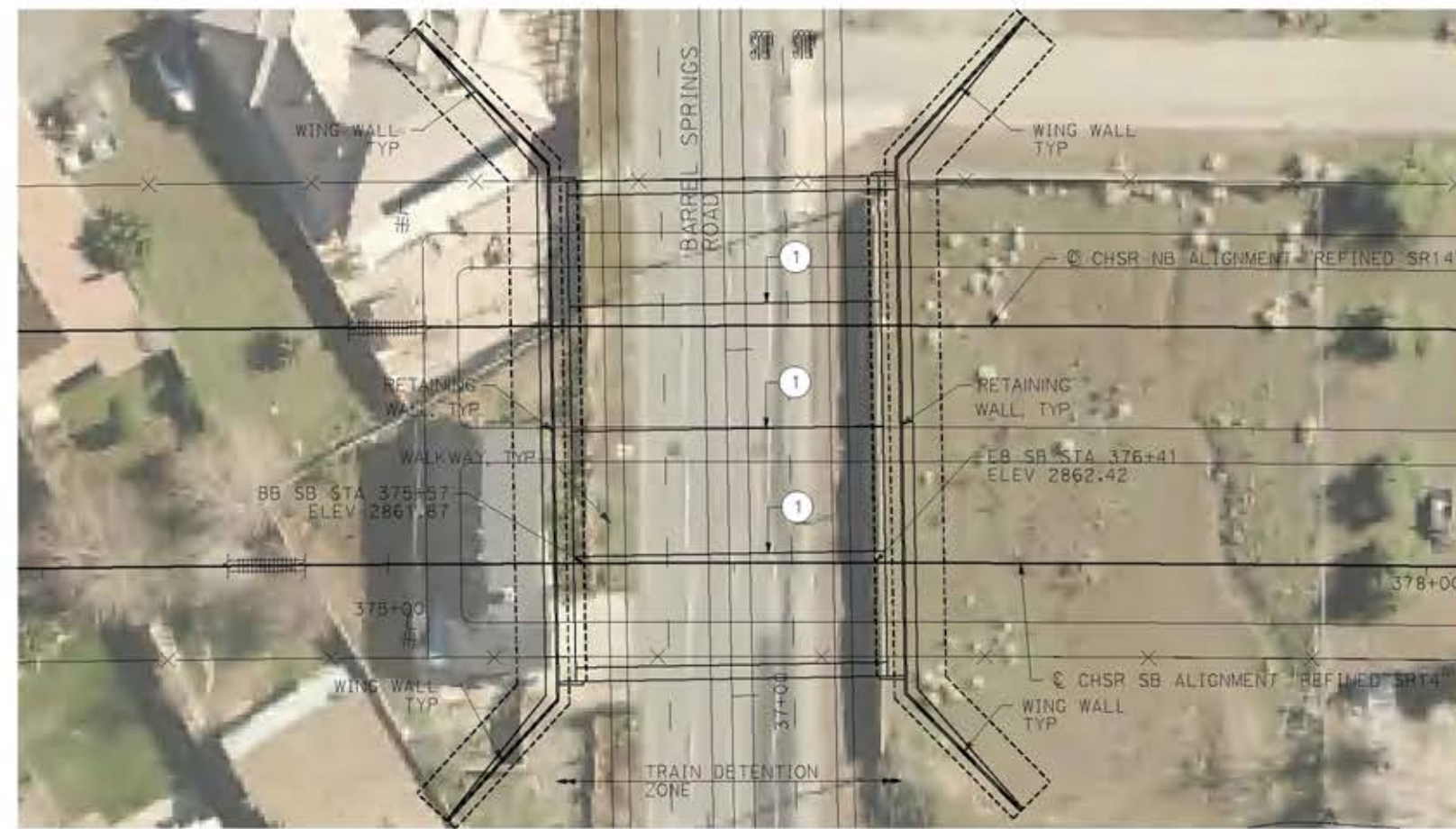


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14/E1/E2"
GENERAL
FAULT KEY MAP FOR HSR VIADUCTS

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-B0003
SCALE
1"=1000'
SHEET NO.



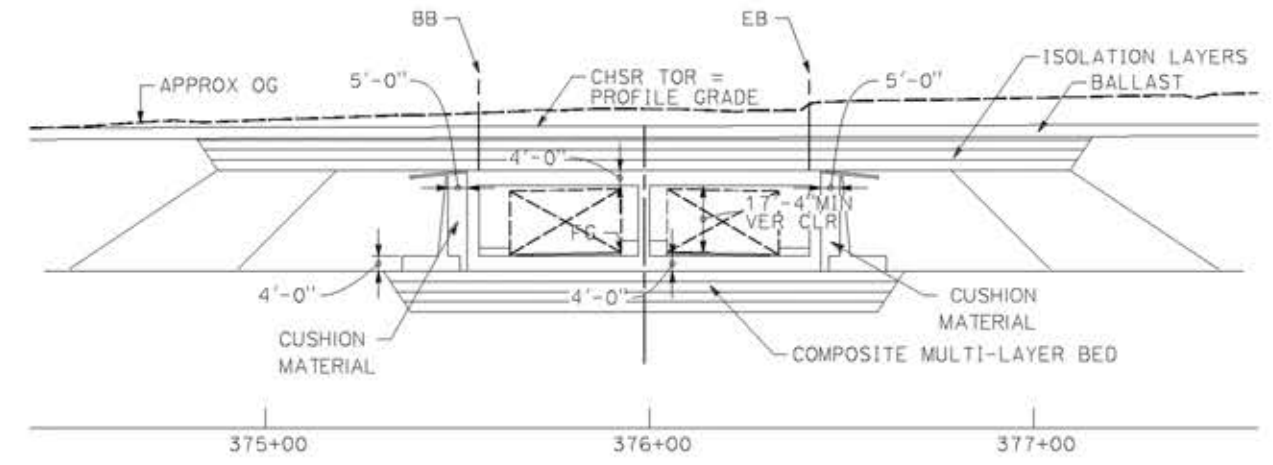
TYPICAL SECTION
SCALE: 1"=25'



PLAN
SCALE: 1"=25'

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

- LEGEND:
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER GUARDRAIL OR PIER PROTECTION WALL
 - ③ NORMALIZING SLAB
 - ④ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑤ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



LOOKING EAST
SCALE: 1"=25'



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REV	DATE	BY	CHK	APP	DESCRIPTION

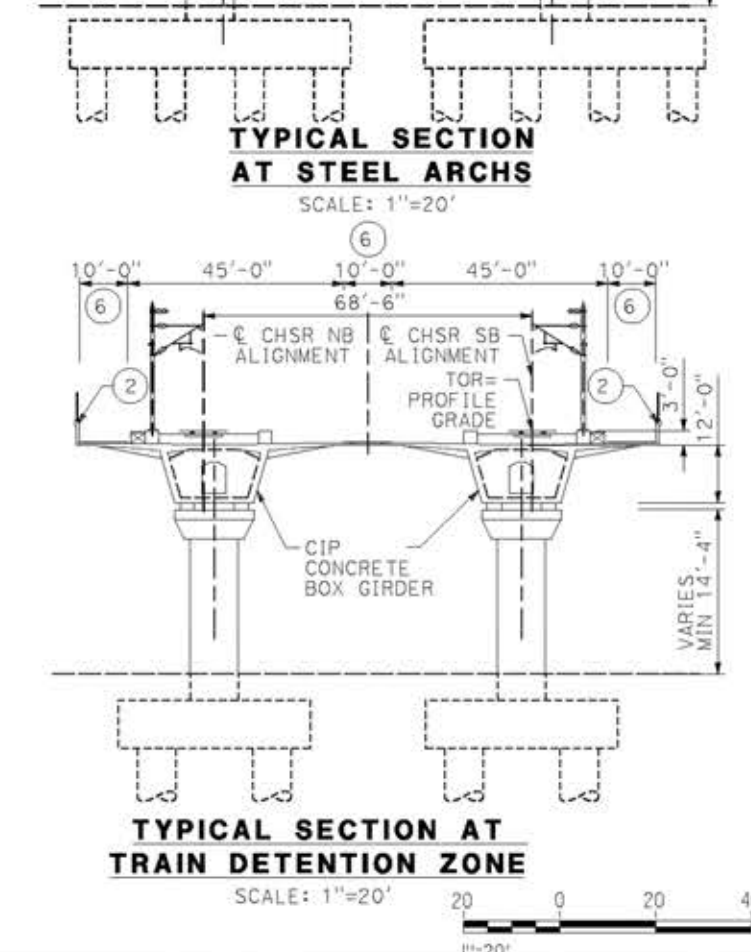
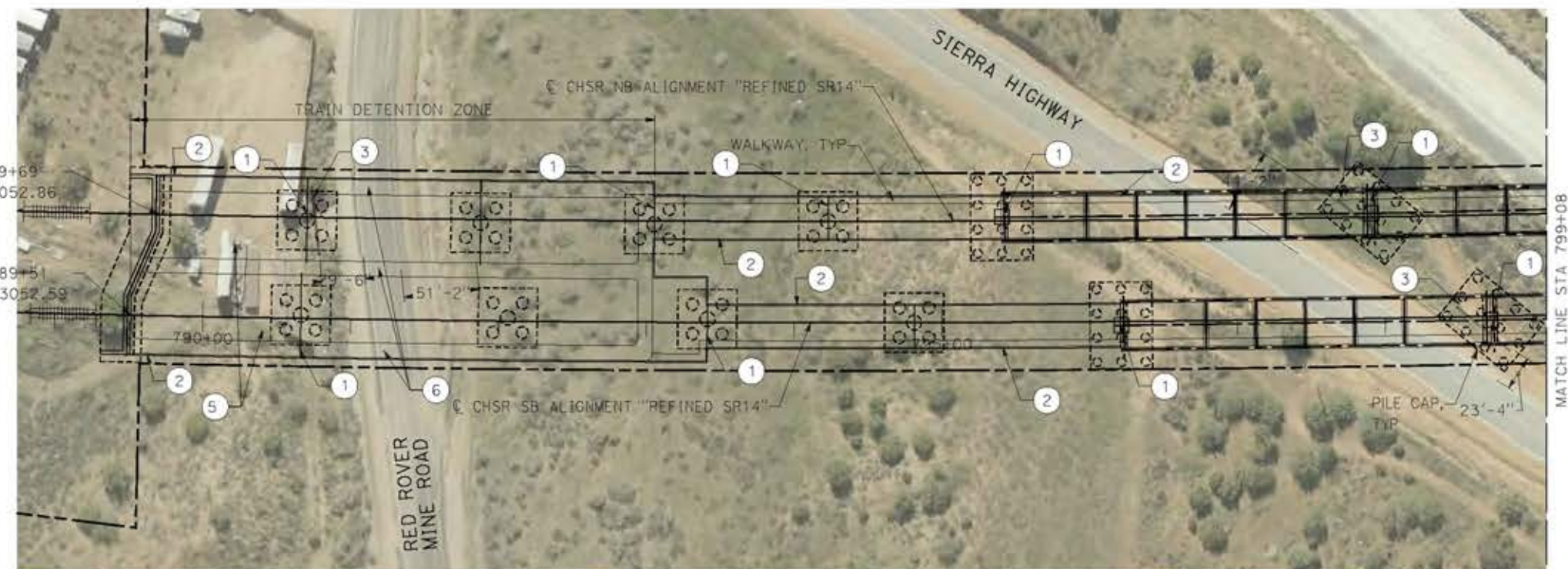
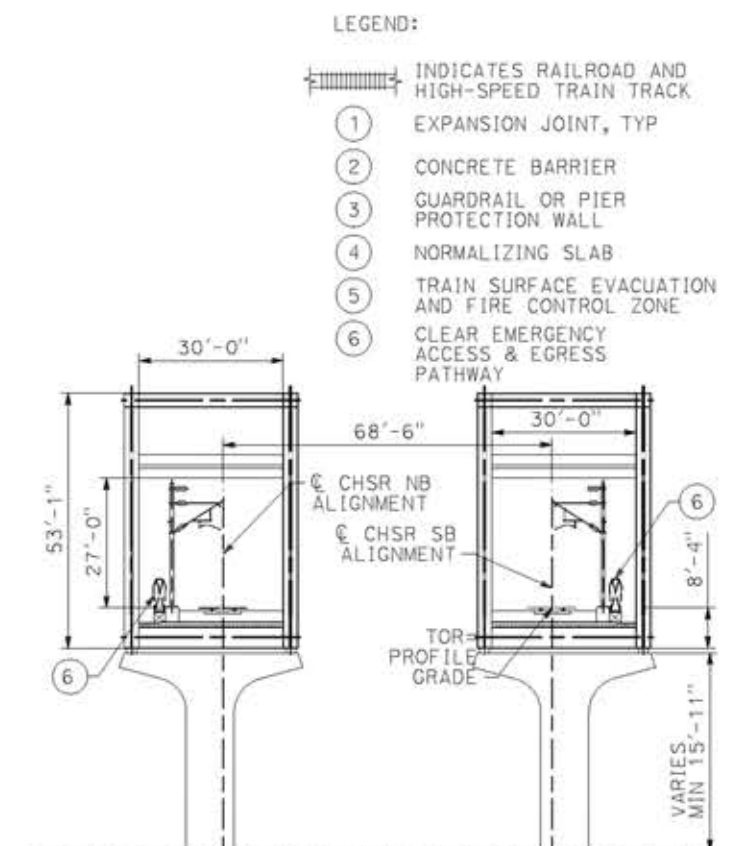
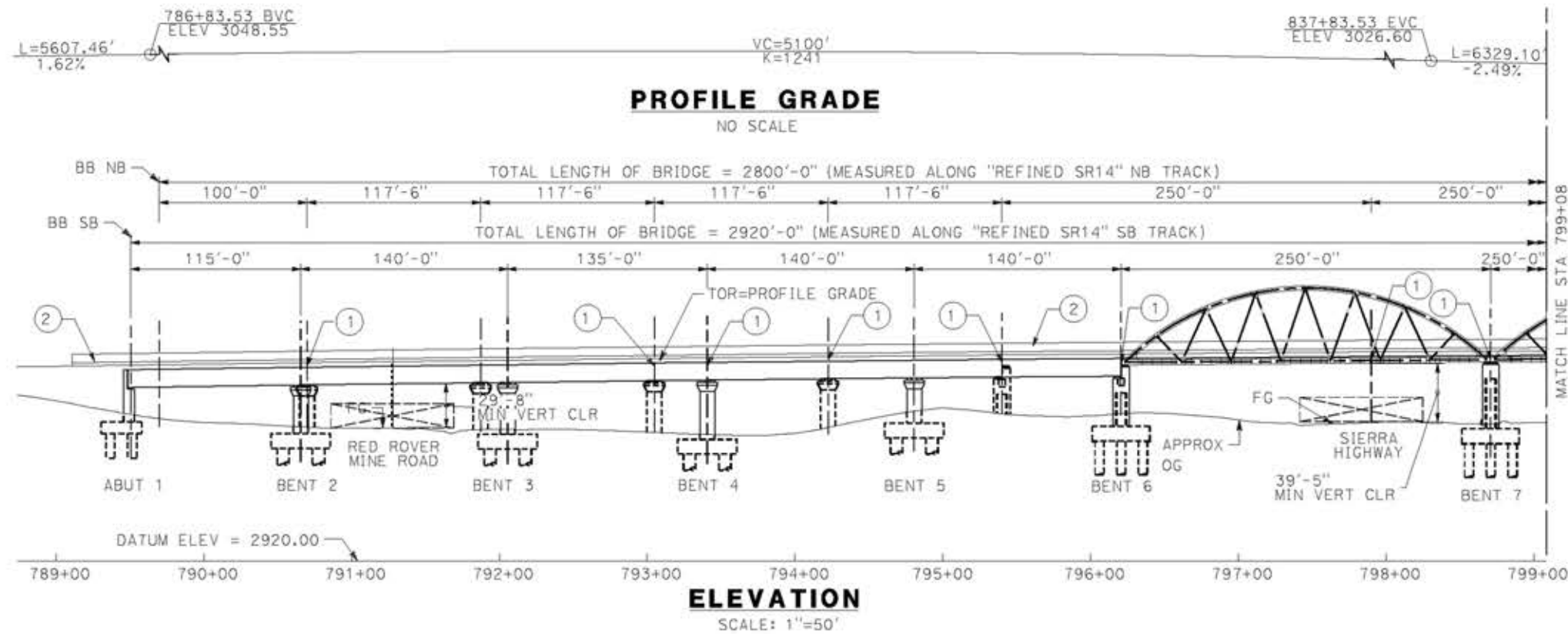
DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELAÑO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
BARREL SPRINGS ROAD UNDERPASS
GENERAL PLAN

CONTRACT NO. HSR14-42
DRAWING NO. ST-J1008-S14
SCALE AS SHOWN
SHEET NO.



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18/05/2021 17:14:18

REV	DATE	BY	CHK	APP	DESCRIPTION

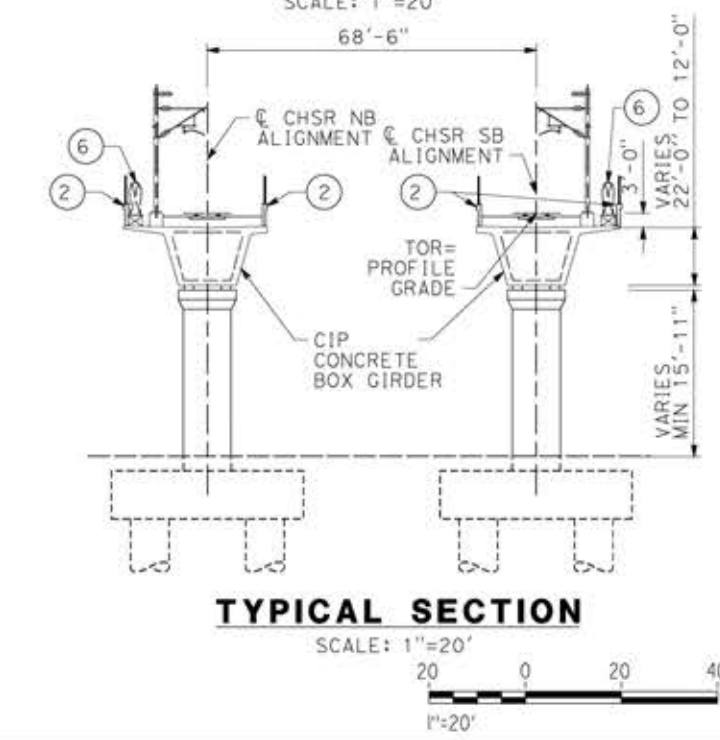
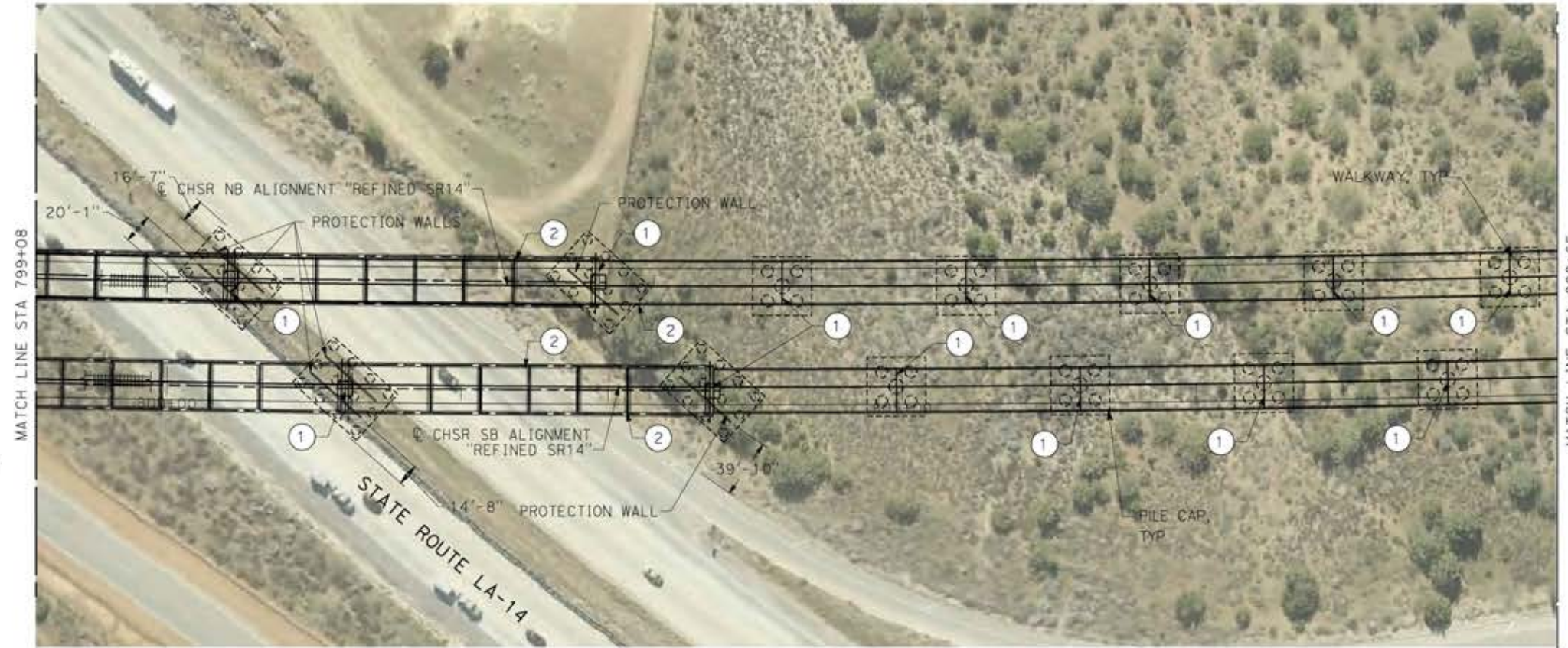
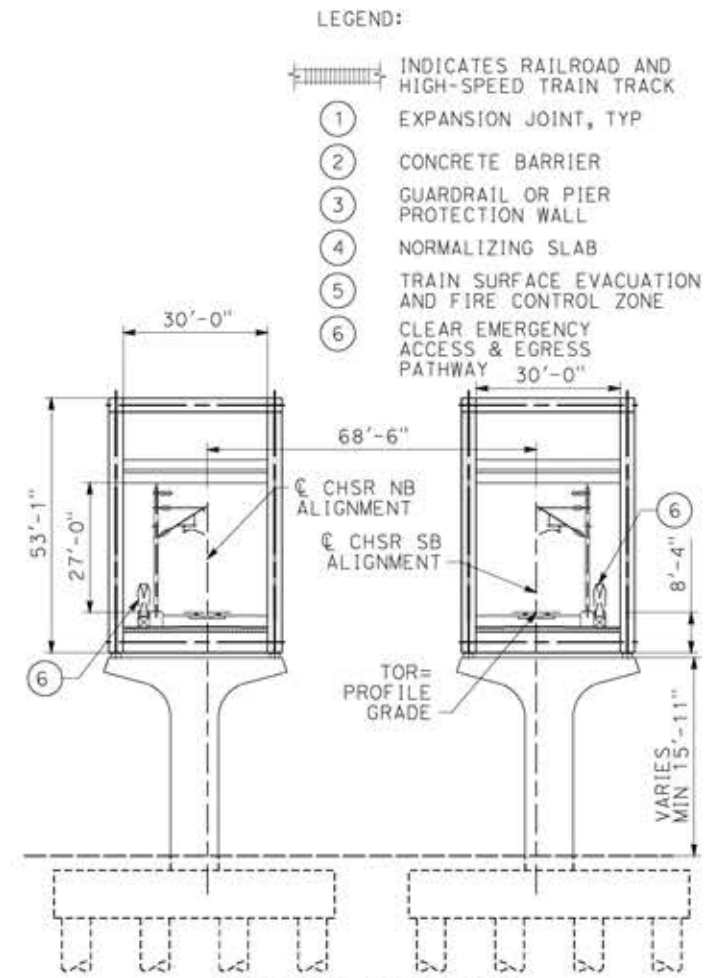
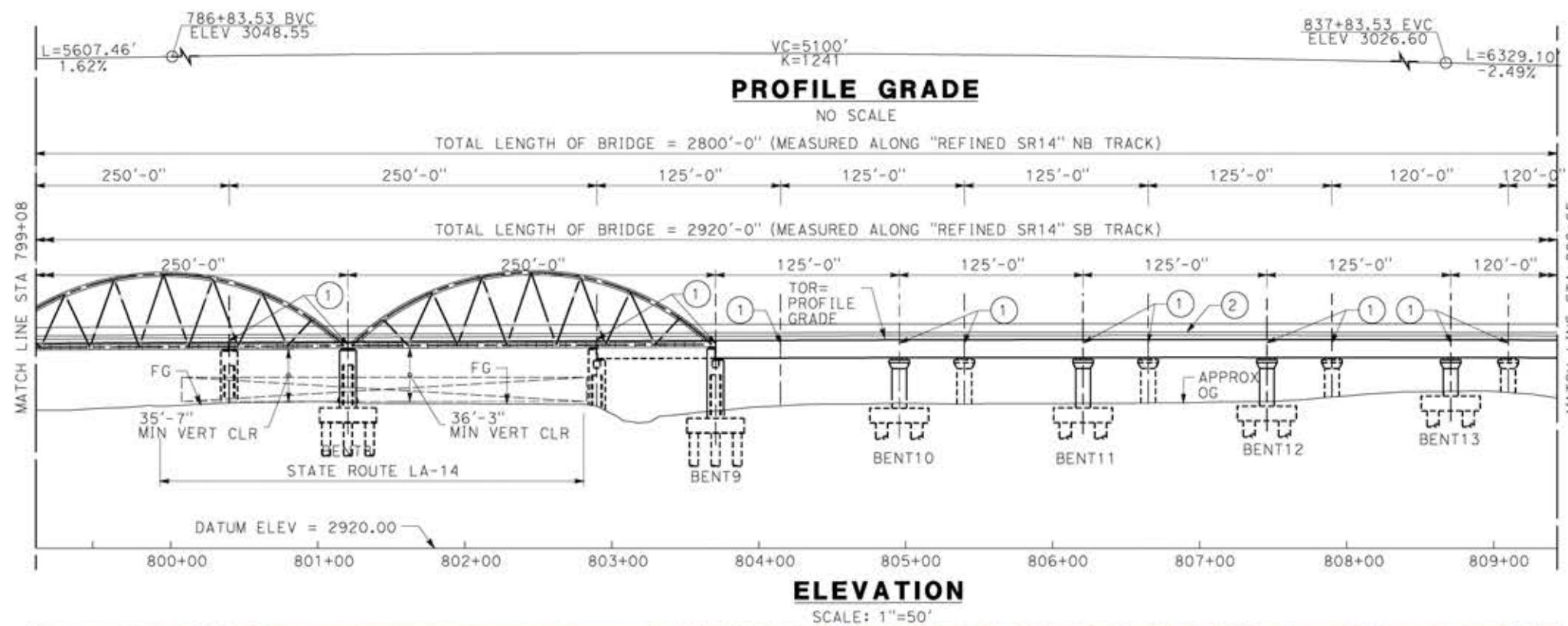
DESIGNED BY
A. MOLINA
DRAWN BY
J. LOPEZ
CHECKED BY
J. REVOLTOS
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ESCONDIDO CANYON VIADUCT
GENERAL PLAN
SHEET 1 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1009-S14
SCALE
AS SHOWN
SHEET NO.



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20/05/2021 13:38:27

REV	DATE	BY	CHK	APP	DESCRIPTION

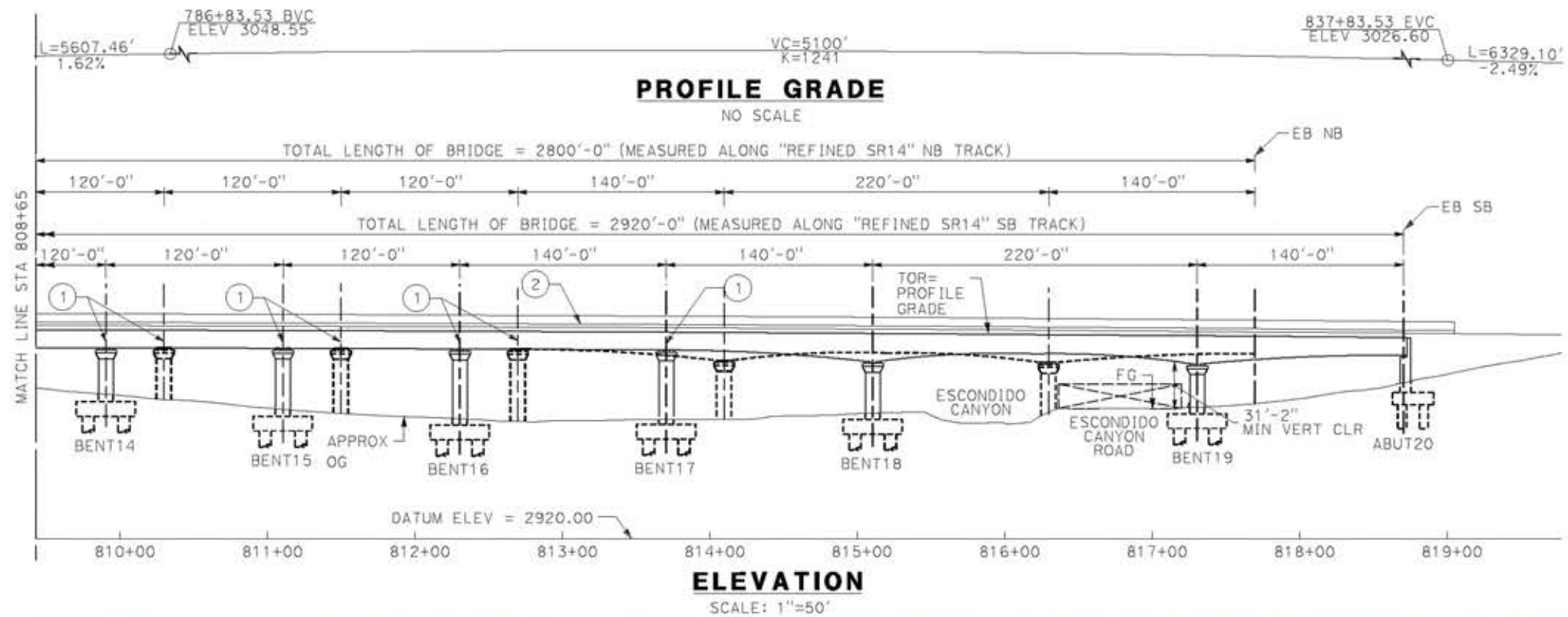
DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



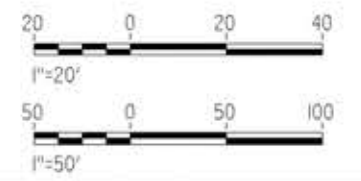
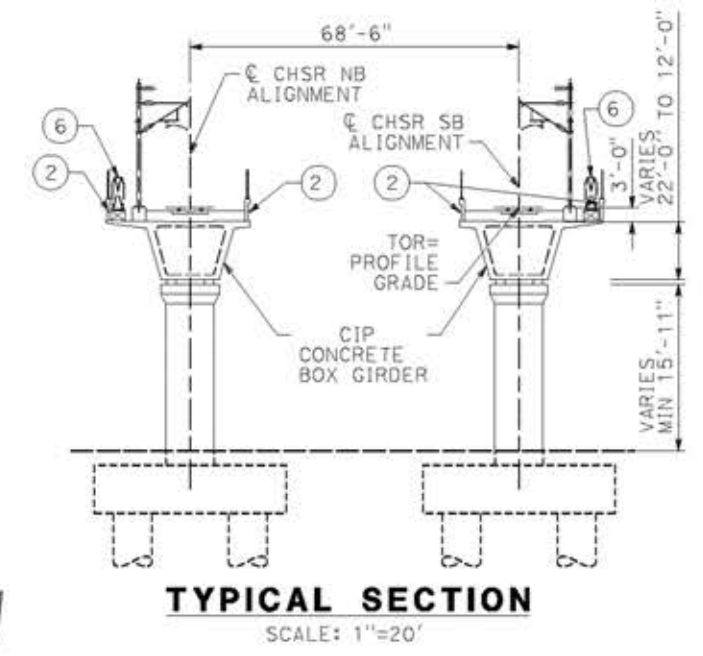
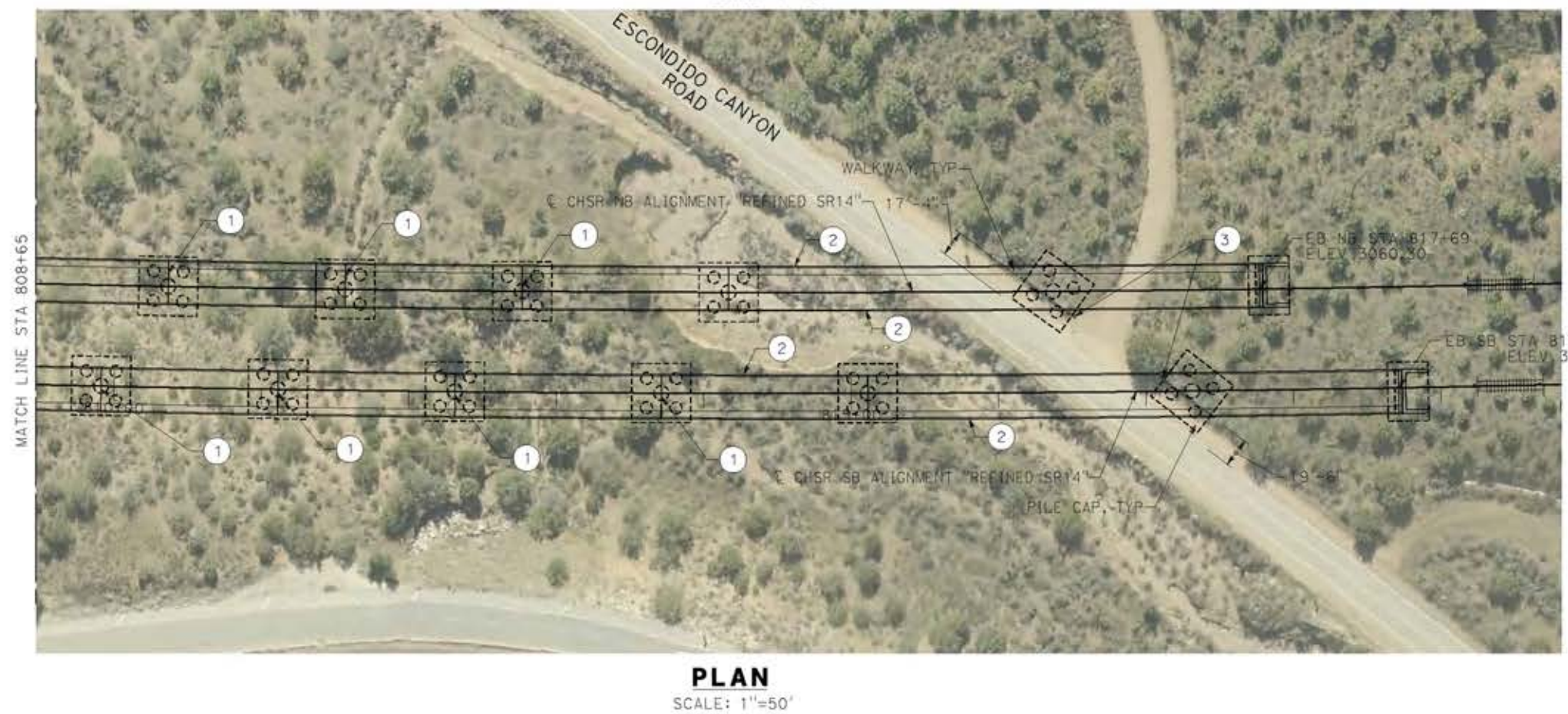
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ESCONDIDO CANYON VIADUCT
GENERAL PLAN
SHEET 2 OF 3

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1010-S14
SCALE
AS SHOWN
SHEET NO.



- LEGEND:
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



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18/05/2021 17:15:15

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. MOLINA

DRAWN BY
J. LOPEZ

CHECKED BY
J. REVOLTOS

IN CHARGE
A. RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ESCONDIDO CANYON VIADUCT
GENERAL PLAN
SHEET 3 OF 3

CONTRACT NO.
HSR14-42

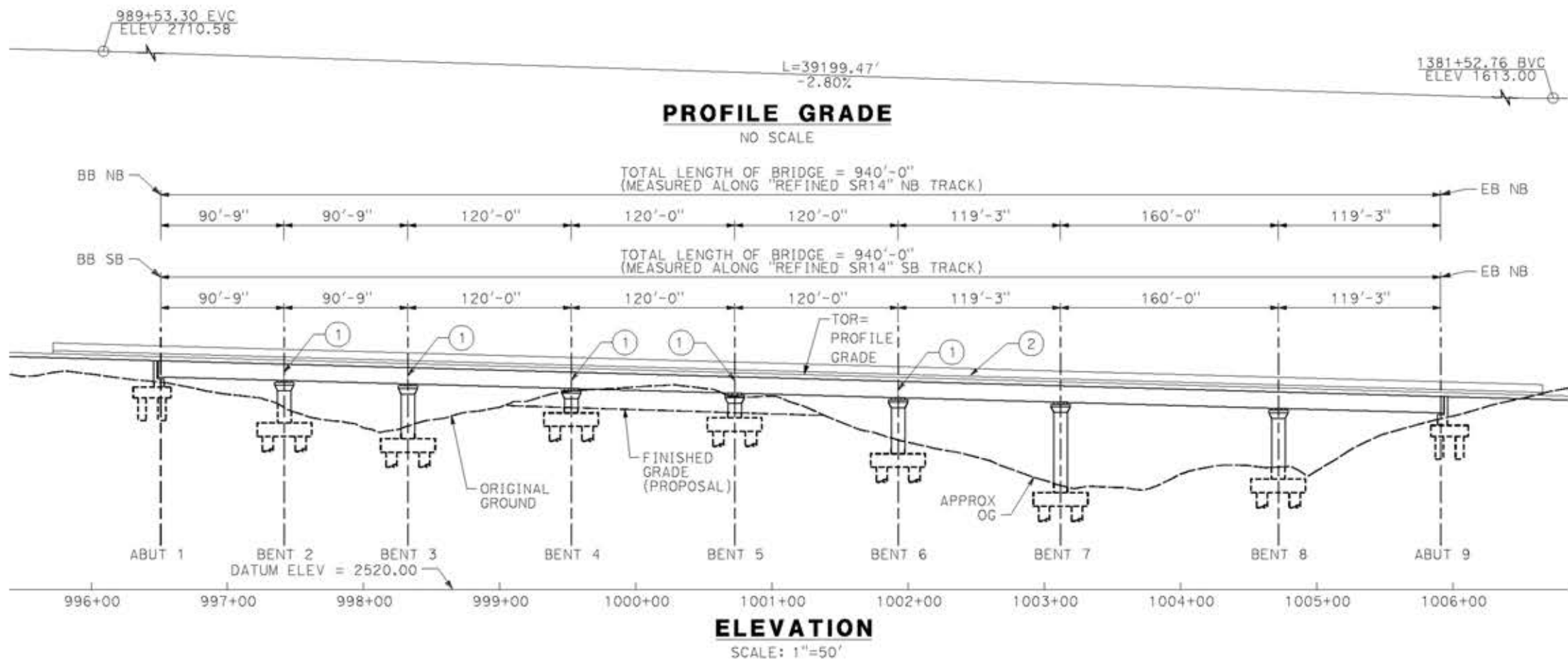
DRAWING NO.
ST-J1011-S14

SCALE
AS SHOWN

SHEET NO.

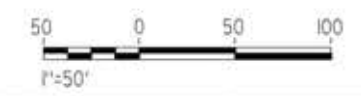
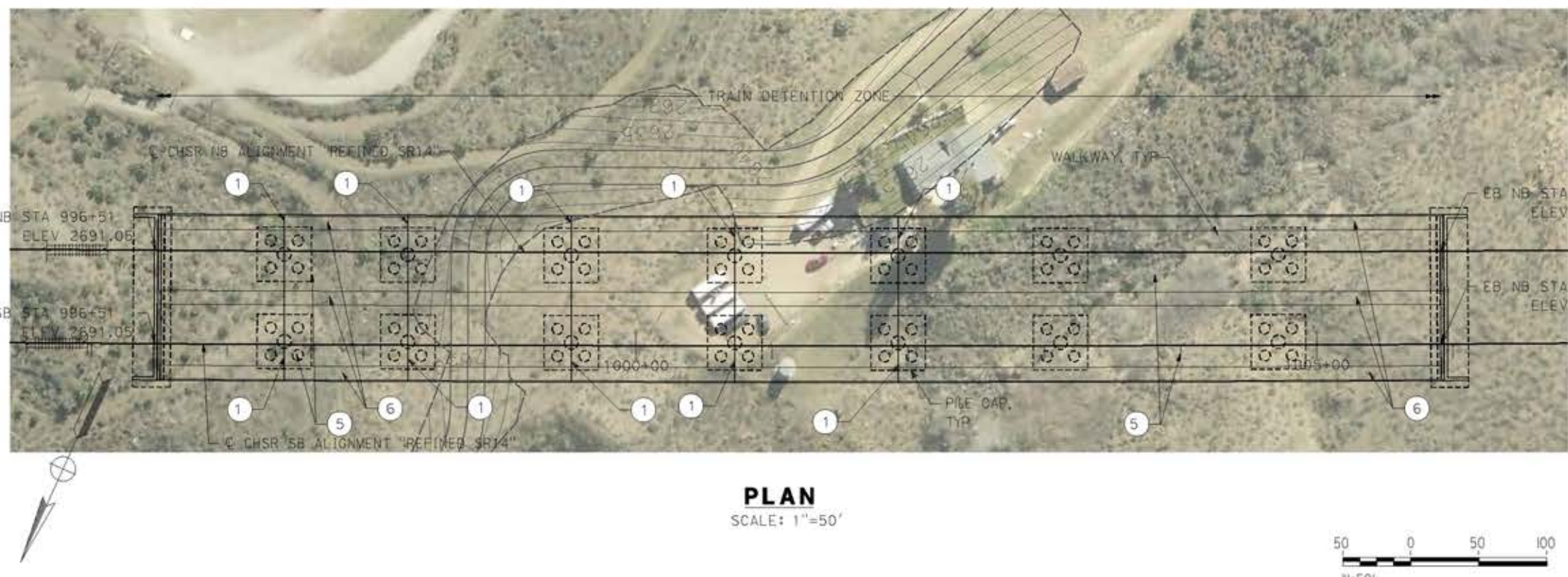
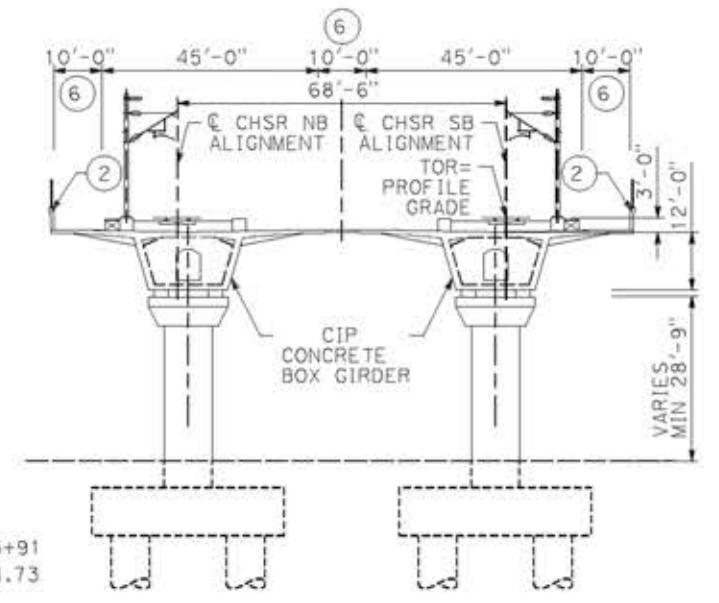
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14/05/2021 9:19:07



- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. MOLINA

DRAWN BY
J. LOPEZ

CHECKED BY
J. REVOLTOS

IN CHARGE
A. RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



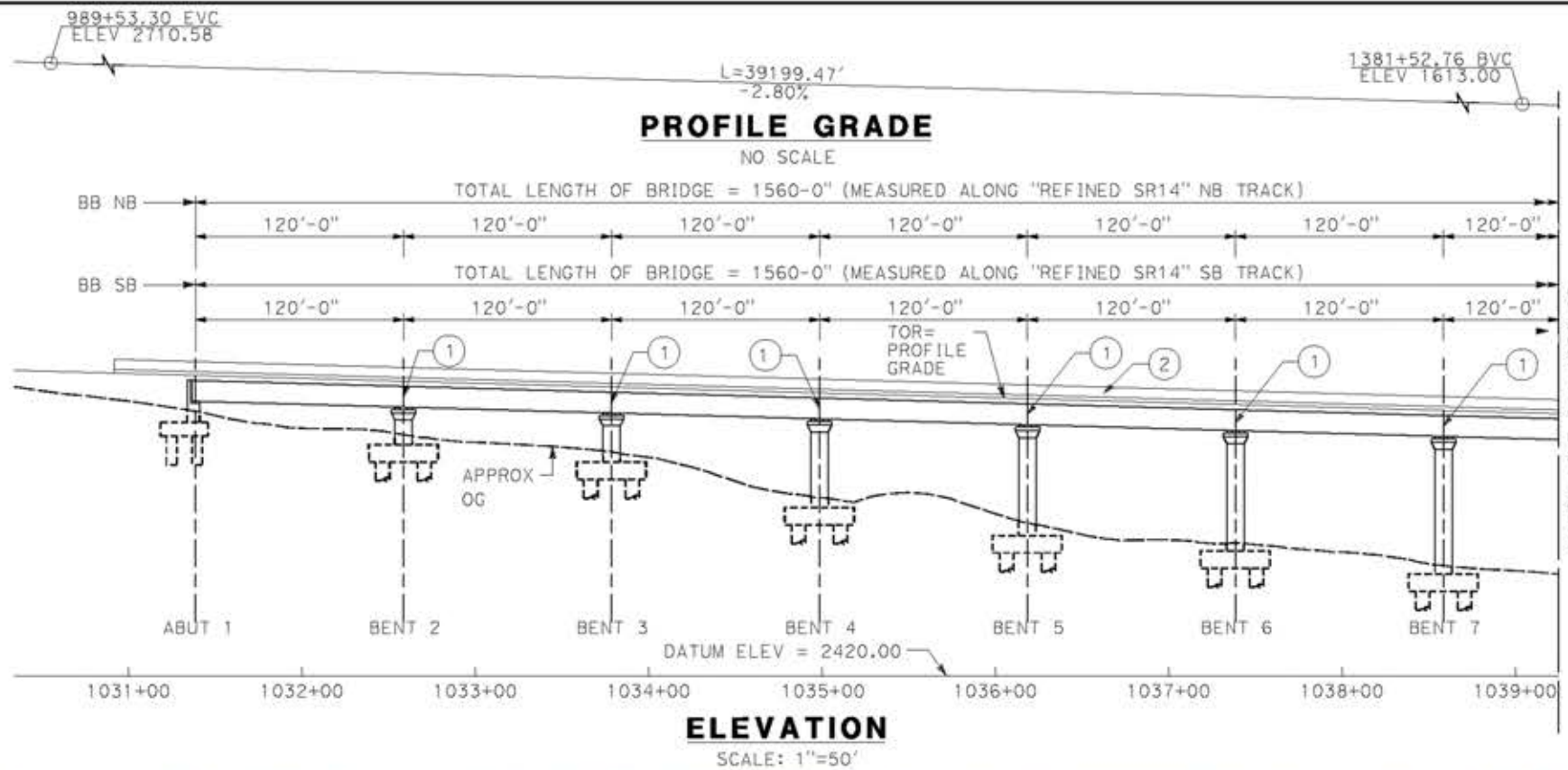
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ST 996+47 VIADUCT
GENERAL PLAN

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1012-S14

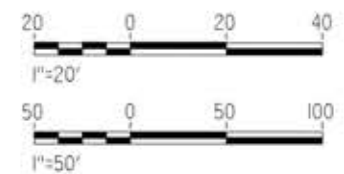
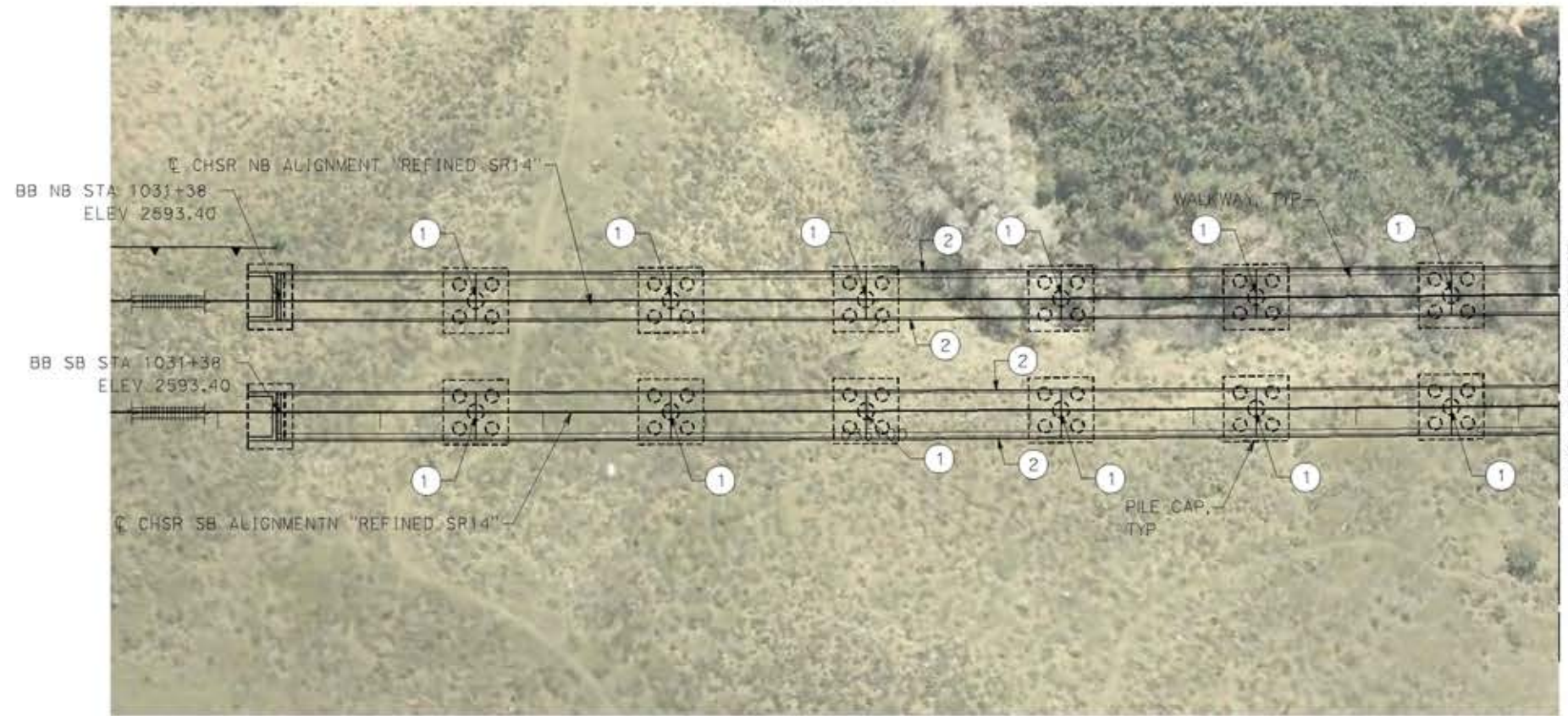
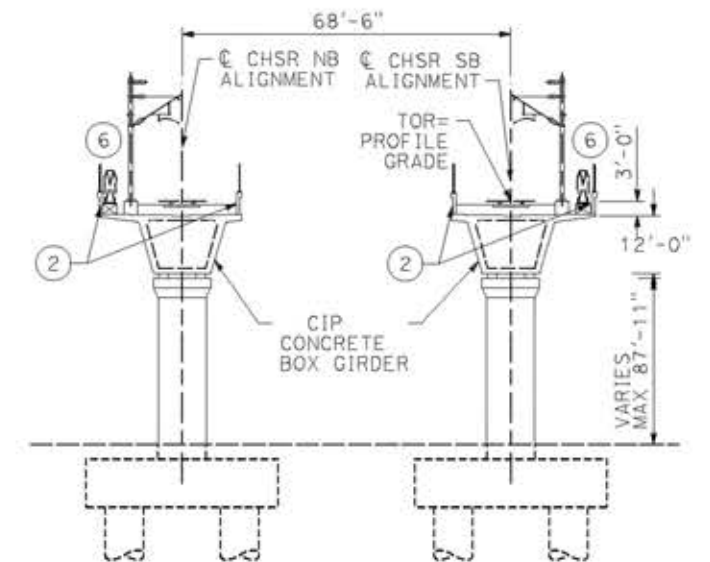
SCALE
AS SHOWN

SHEET NO.



- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

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18/05/2021 17:16:22

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. MOLINA

DRAWN BY
J. LOPEZ

CHECKED BY
J. REVOLTOS

IN CHARGE
A. RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



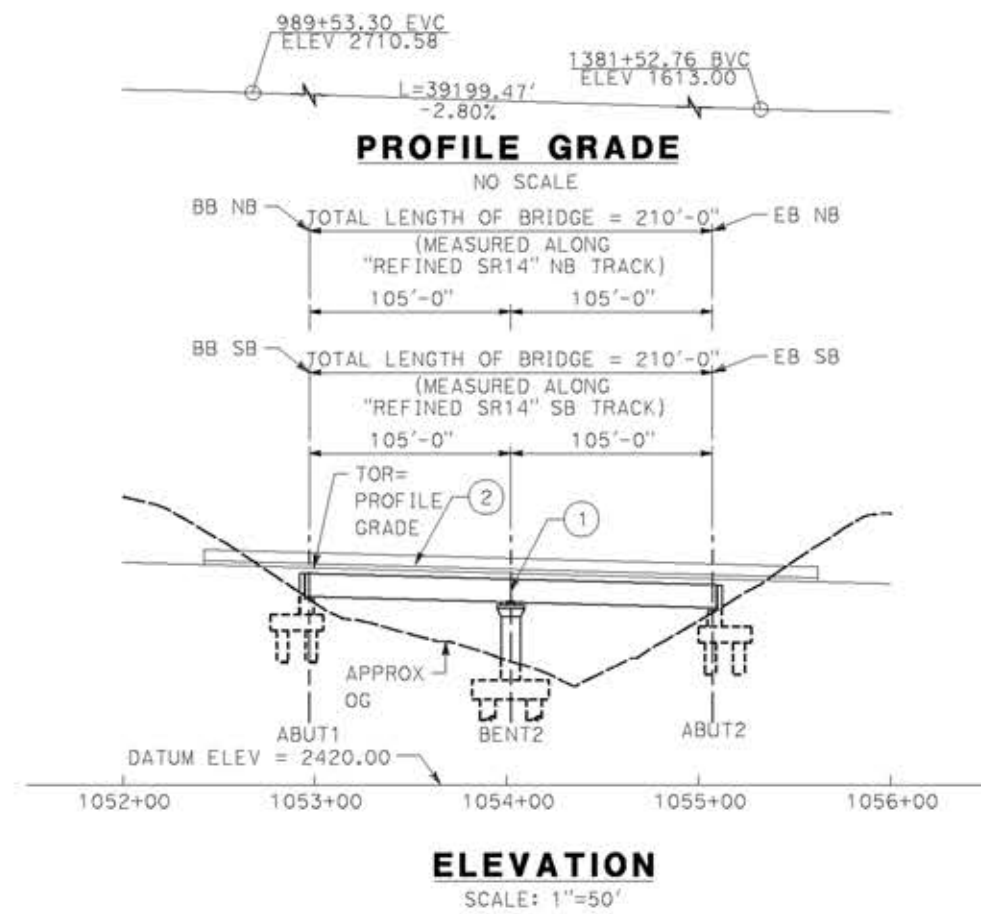
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ST 1031+38 VIADUCT
GENERAL PLAN
SHEET 1 OF 2

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1013-S14

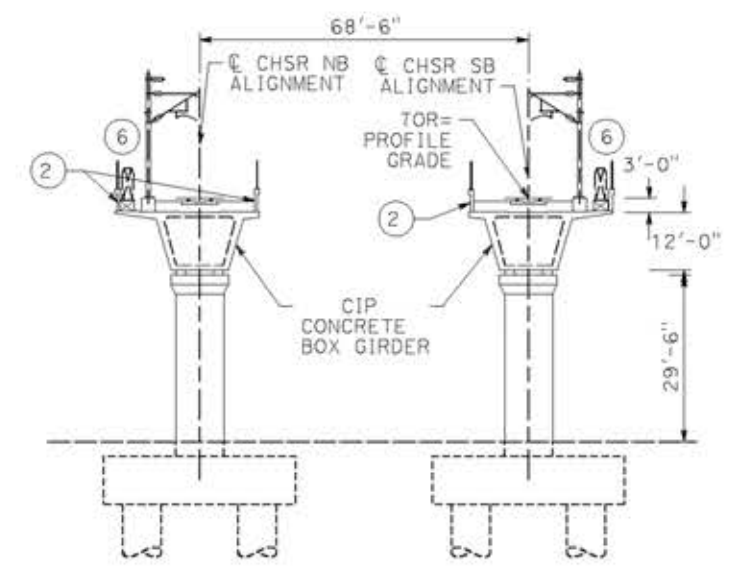
SCALE
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SHEET NO.

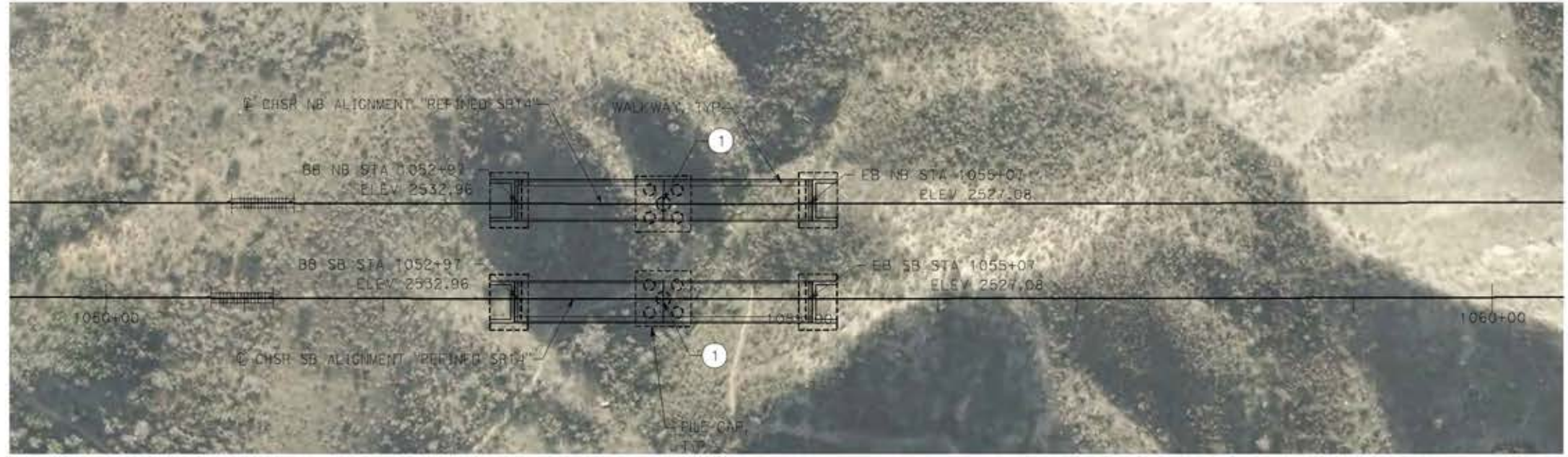


- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

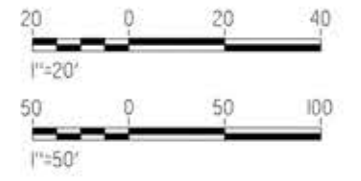
NOTE:
 ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



TYPICAL SECTION
 SCALE: 1"=20'



PLAN
 SCALE: 1"=50'



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14/05/2021 9:21:01

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELAÑO

DATE
04/30/2021

PEPD RECORD SET
 REV 02

NOT FOR CONSTRUCTION



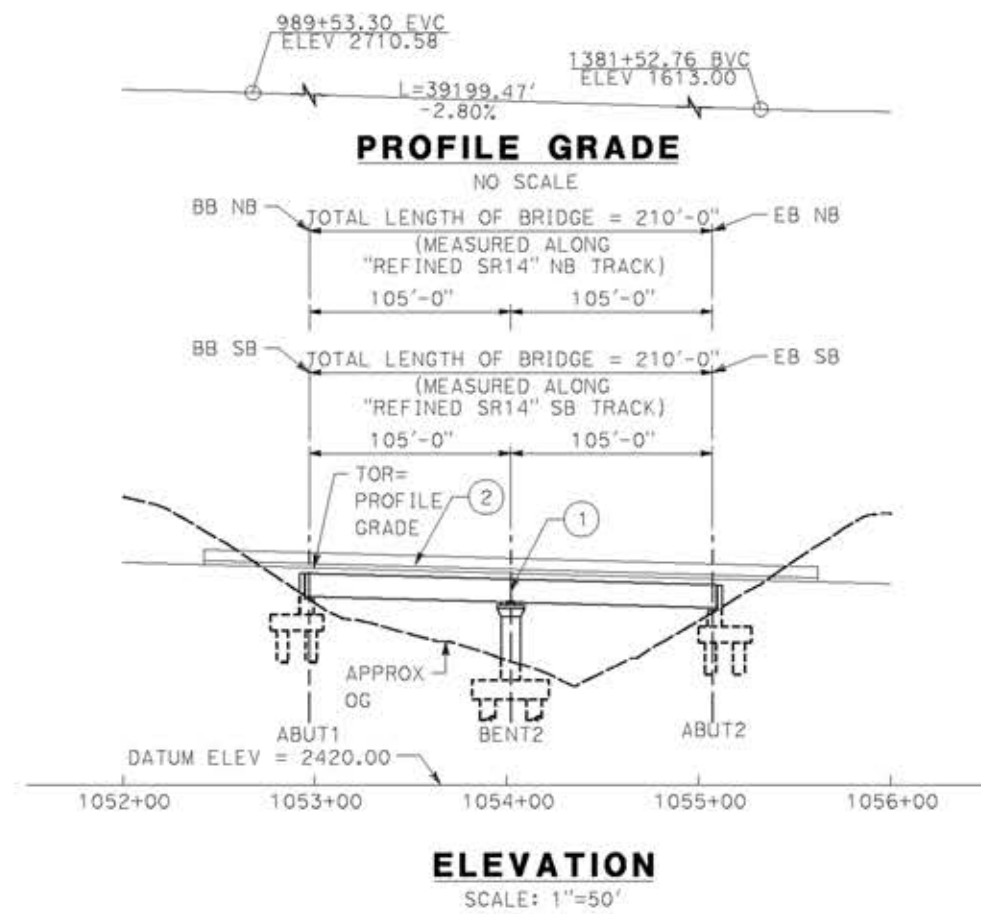
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 ST 1052+97 VIADUCT
 GENERAL PLAN

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1015-S14

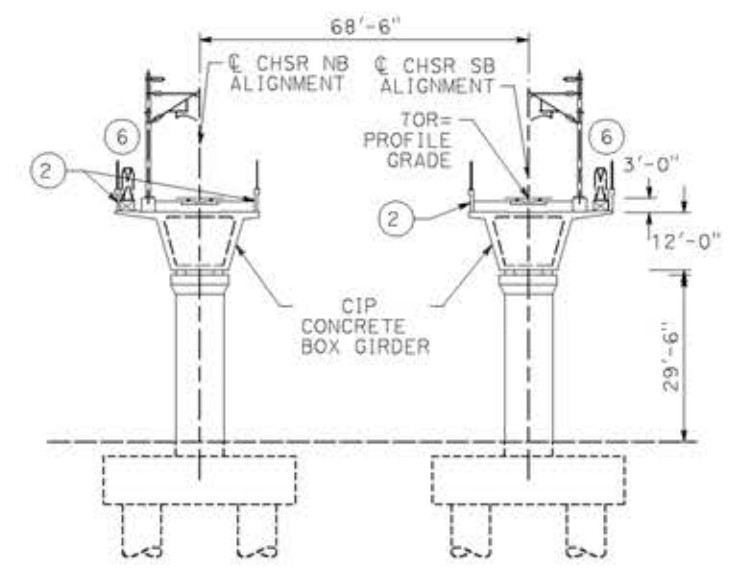
SCALE
AS SHOWN

SHEET NO.

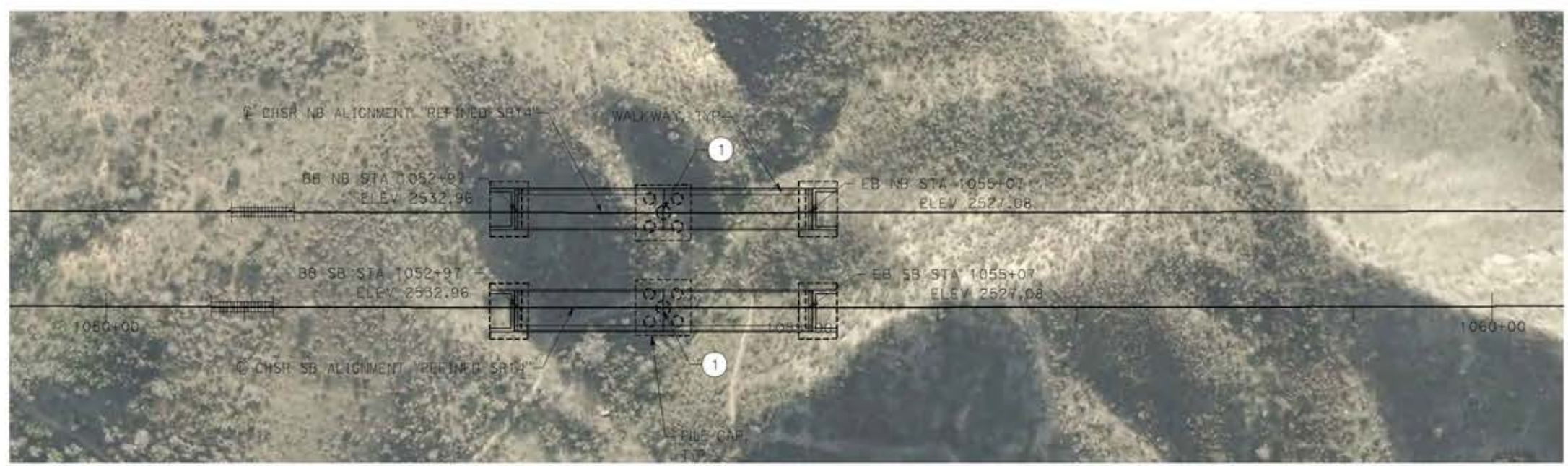


- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

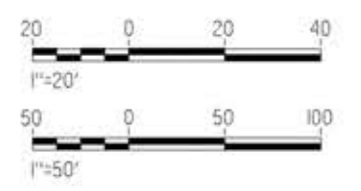
NOTE:
 ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



TYPICAL SECTION
 SCALE: 1"=20'



PLAN
 SCALE: 1"=50'



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14/05/2021 9:21:01

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELAÑO

DATE
04/30/2021

PEPD RECORD SET
 REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 ST 1052+97 VIADUCT
 GENERAL PLAN

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1015-S14

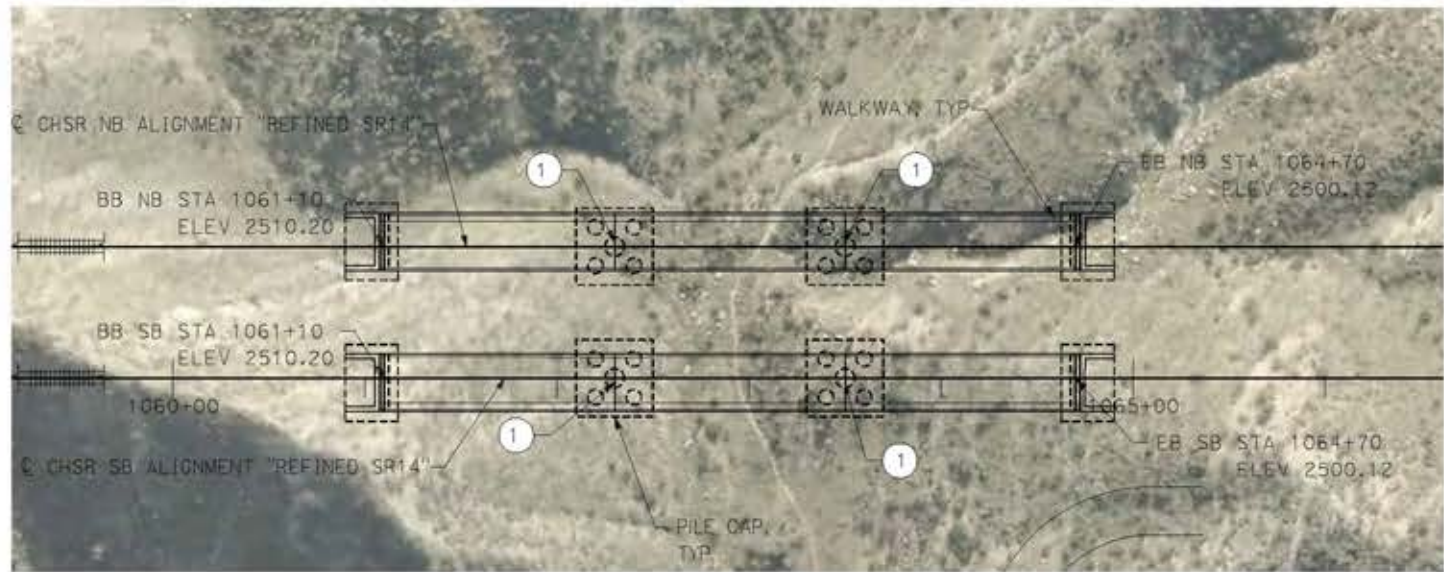
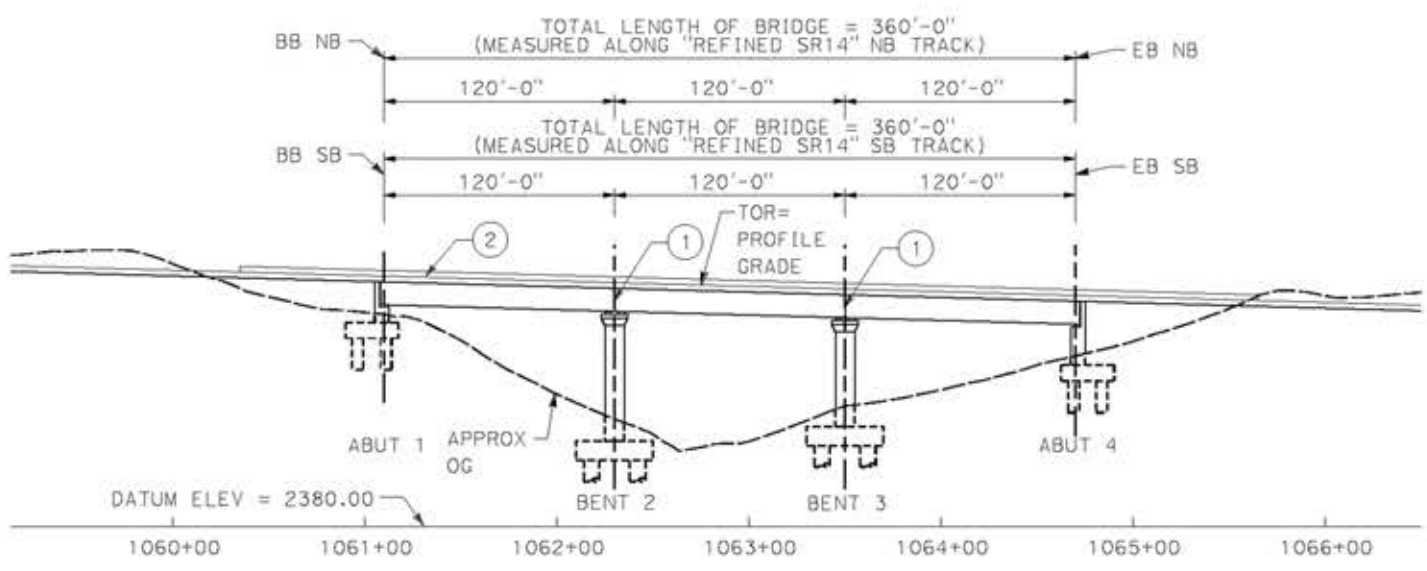
SCALE
AS SHOWN

SHEET NO.

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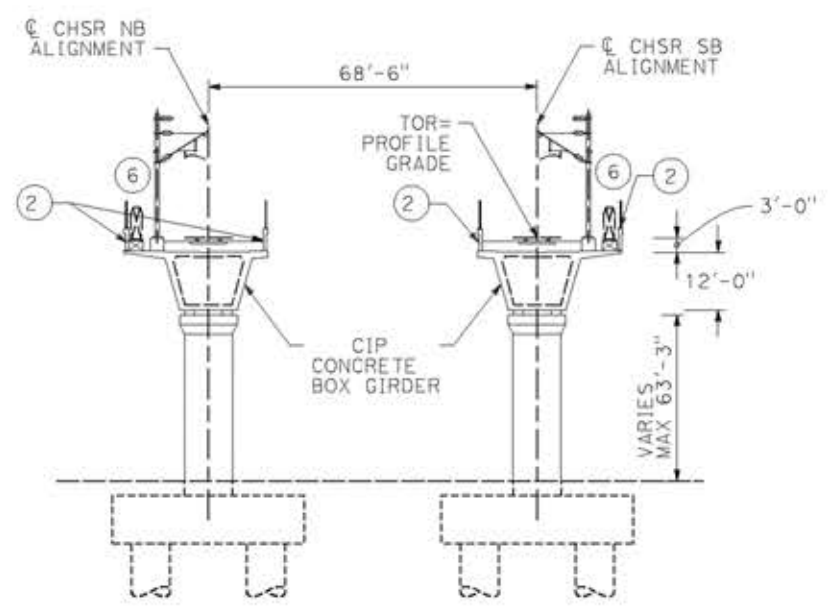
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0204814

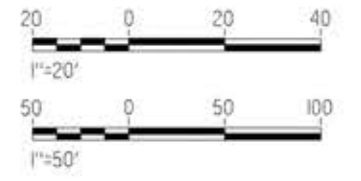


- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



TYPICAL SECTION
SCALE: 1"=20'



REV	DATE	BY	CHK	APP	DESCRIPTION

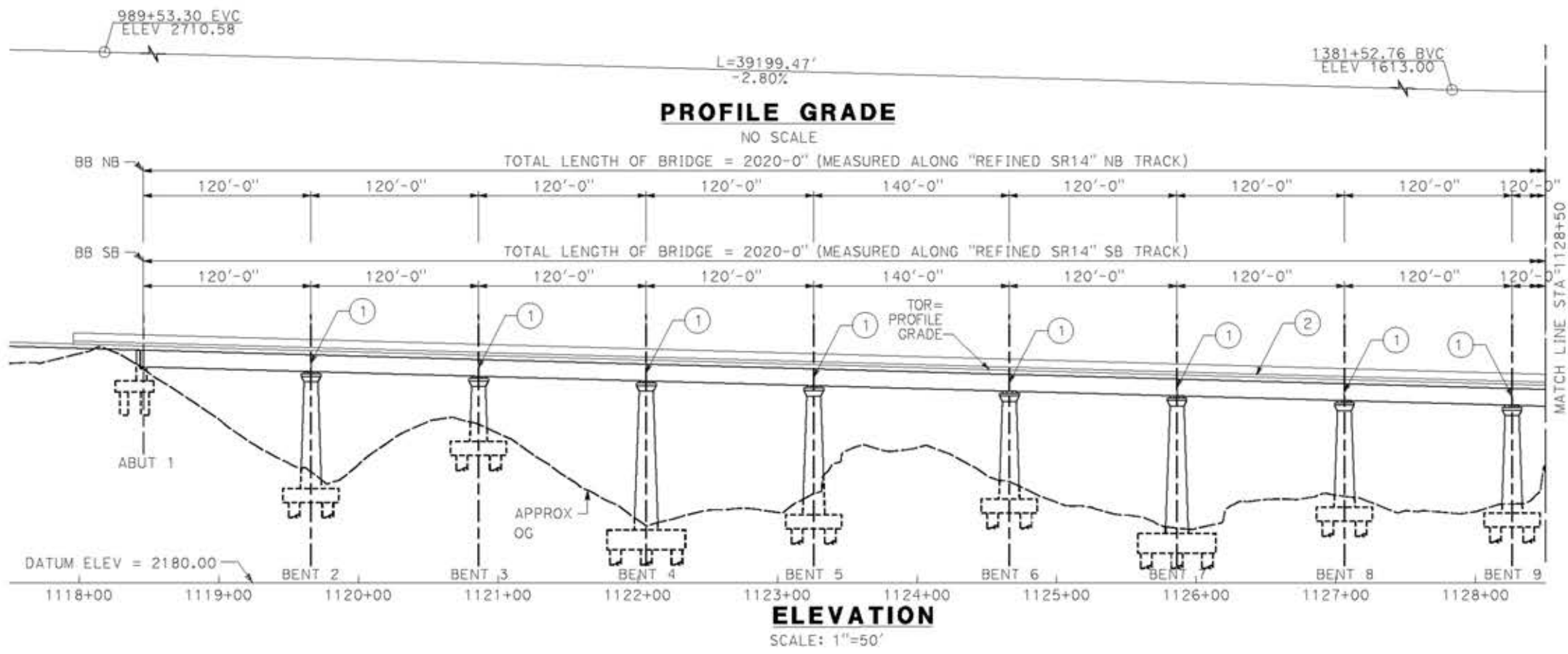
DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELAÑO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



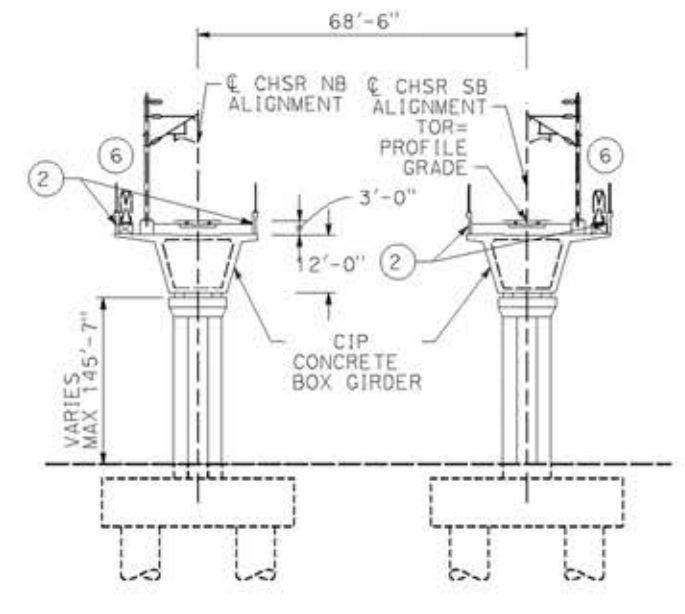
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ST 1060+90 VIADUCT
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1016-S14
SCALE
AS SHOWN
SHEET NO.

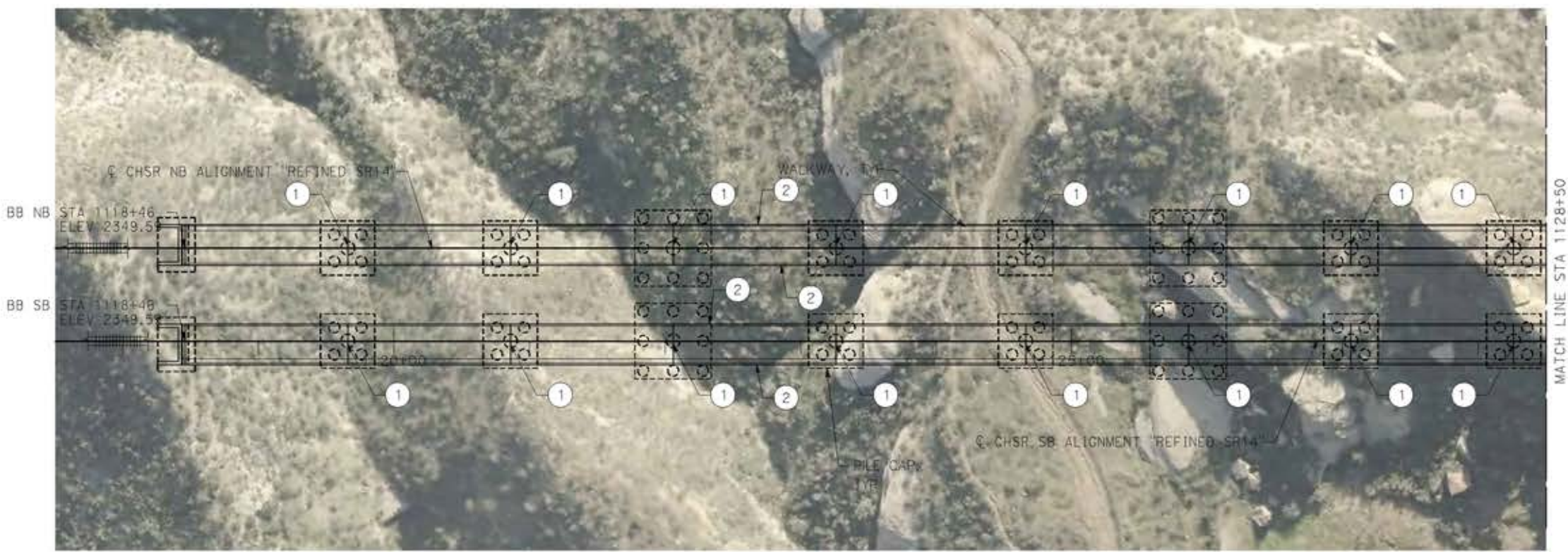


- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

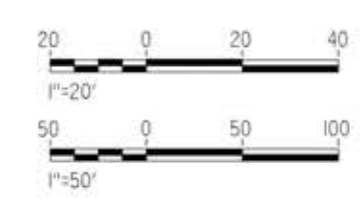
NOTE:
 ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



TYPICAL SECTION
 SCALE: 1"=20'



PLAN
 SCALE: 1"=50'



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18/05/2021 17:18:43

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELAÑO

DATE
04/30/2021

PEPD RECORD SET
 REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 ST 1118+46 VIADUCT
 GENERAL PLAN
 SHEET 1 OF 2

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1017-S14

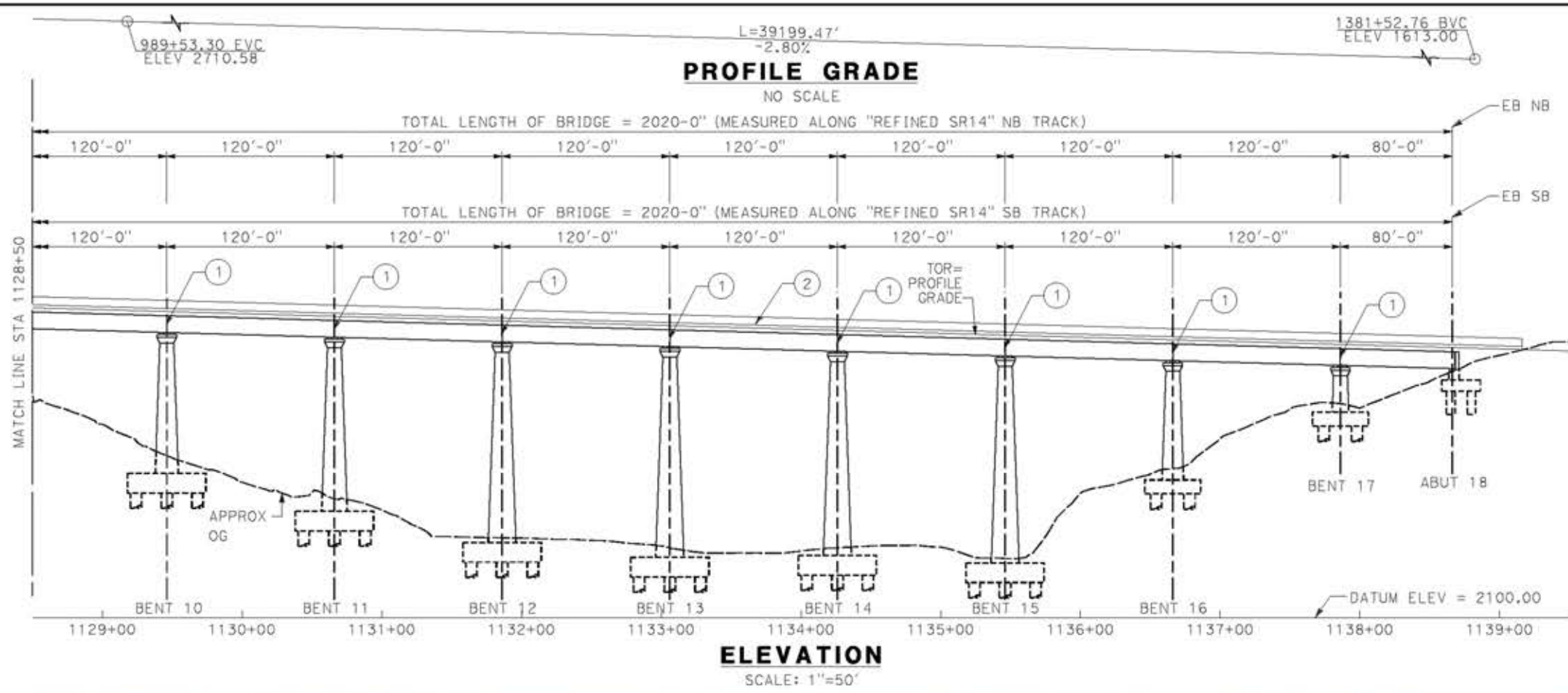
SCALE
AS SHOWN

SHEET NO.

ct:\pwork\ingdir\sener-us-pw\bentley.com_sener-us-pw-01\ignocio.vergara\dms19633\PB-ST-J1018-S14.dgn

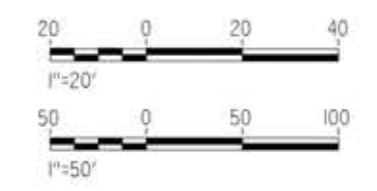
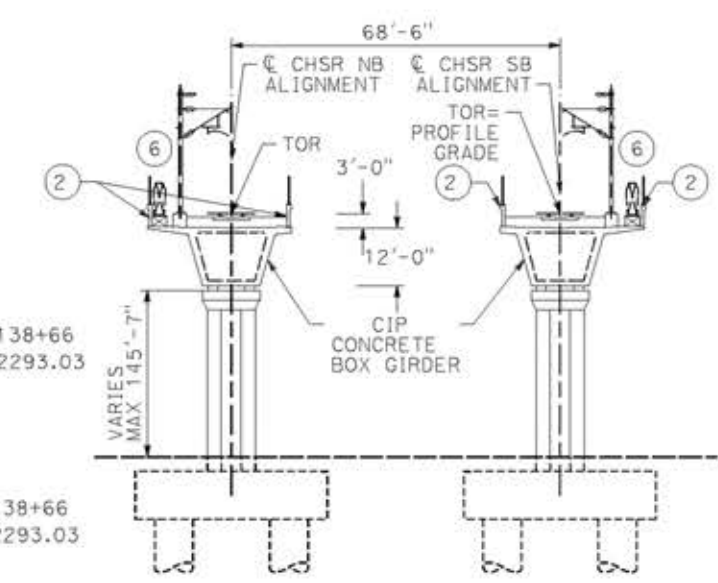
18/05/2021 17:19:15

0204814



- LEGEND:
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER GUARDRAIL OR PIER PROTECTION WALL
 - ③ NORMALIZING SLAB
 - ④ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑤ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY
 - ⑥

NOTE:
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ST 1118+46 VIADUCT
GENERAL PLAN
SHEET 2 OF 2

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1018-S14

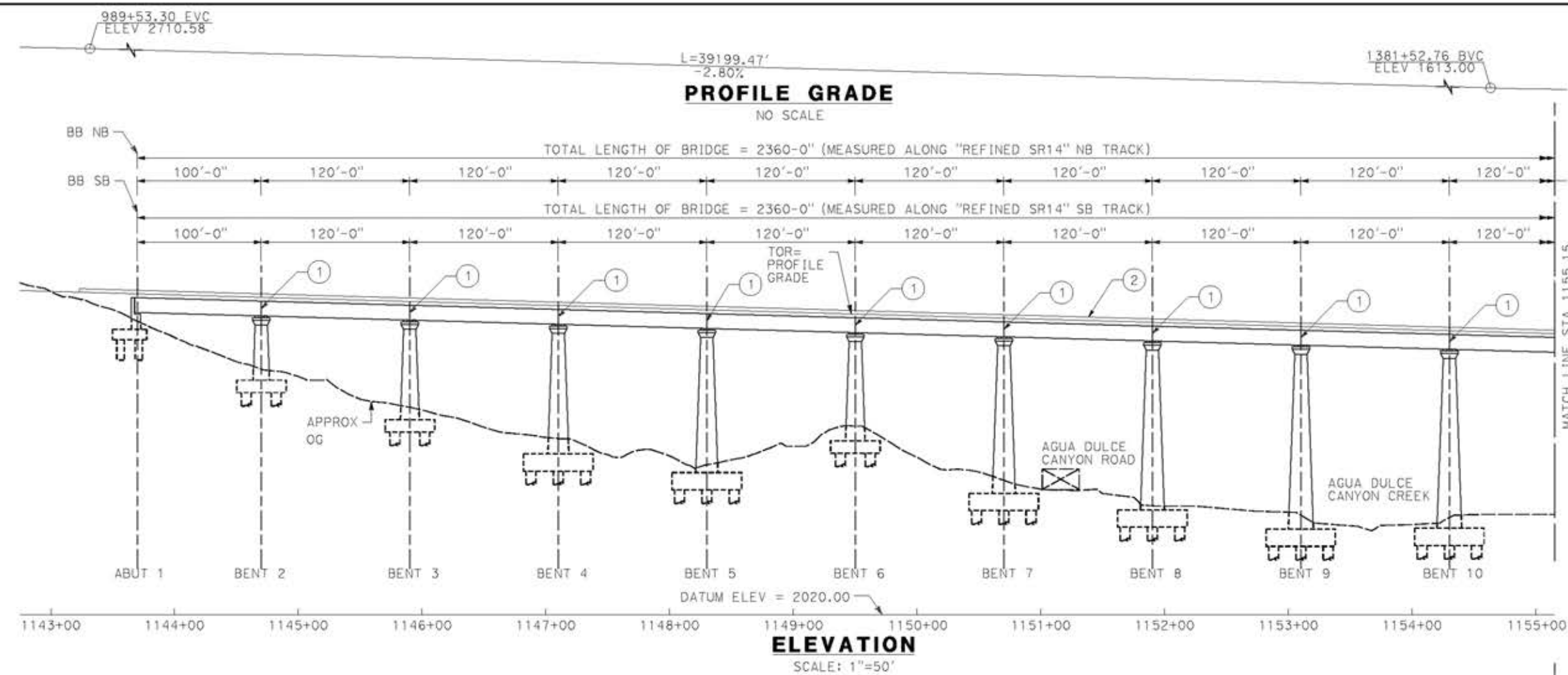
SCALE
AS SHOWN

SHEET NO.

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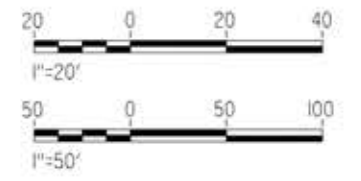
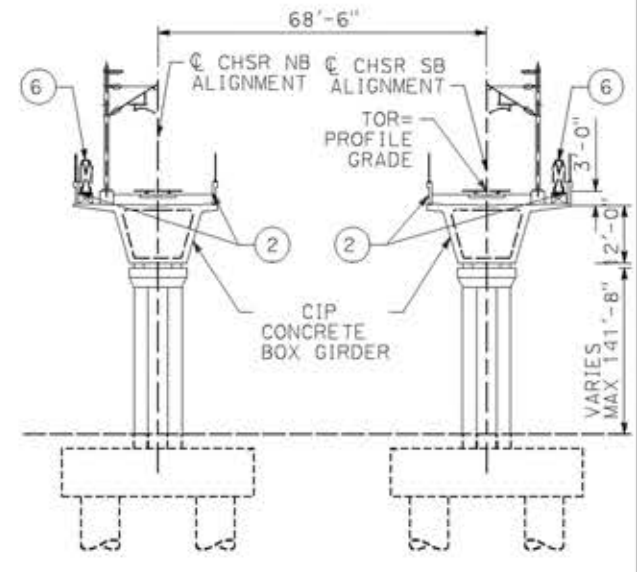
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0204814



- LEGEND:
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. MOLINA

DRAWN BY
J. LOPEZ

CHECKED BY
J. REVOLTOS

IN CHARGE
A. RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
AGUA DULCE VIADUCT
GENERAL PLAN
SHEET 1 OF 2

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1019-S14

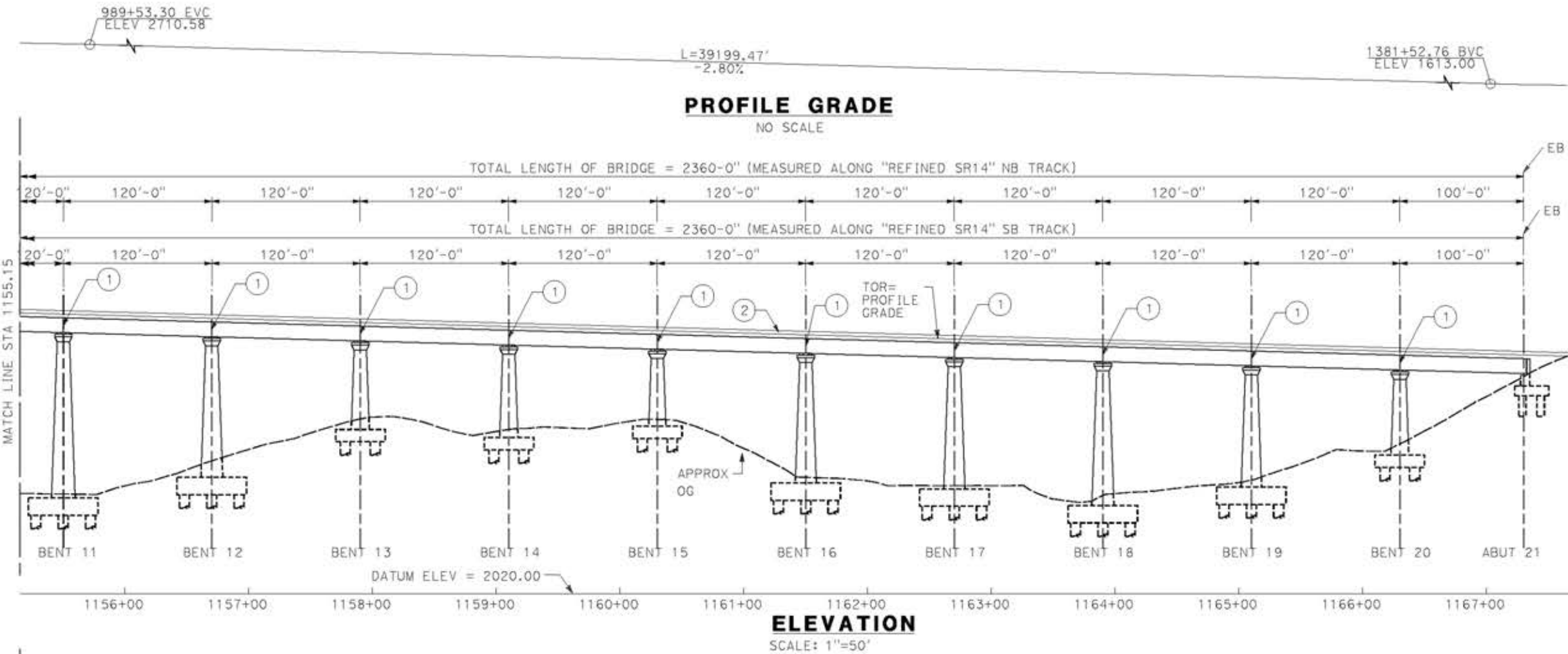
SCALE
AS SHOWN

SHEET NO.

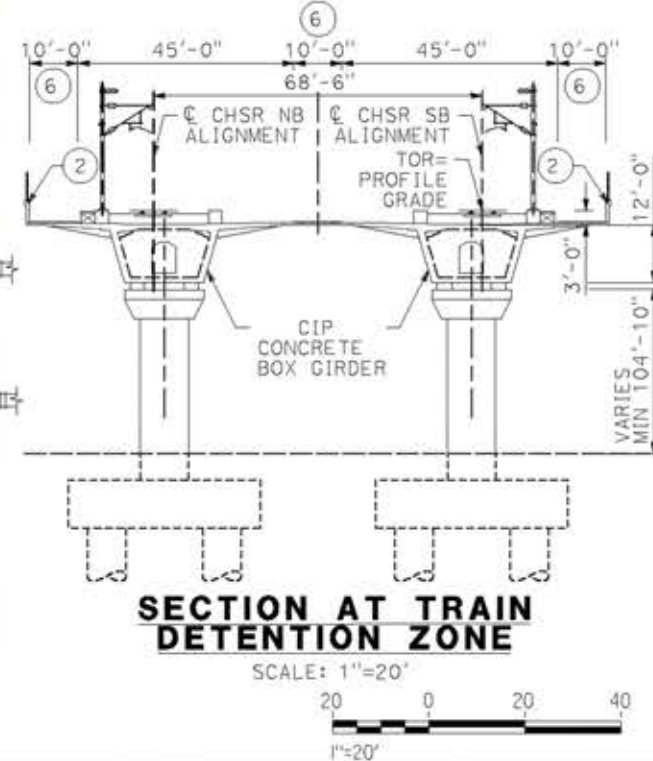
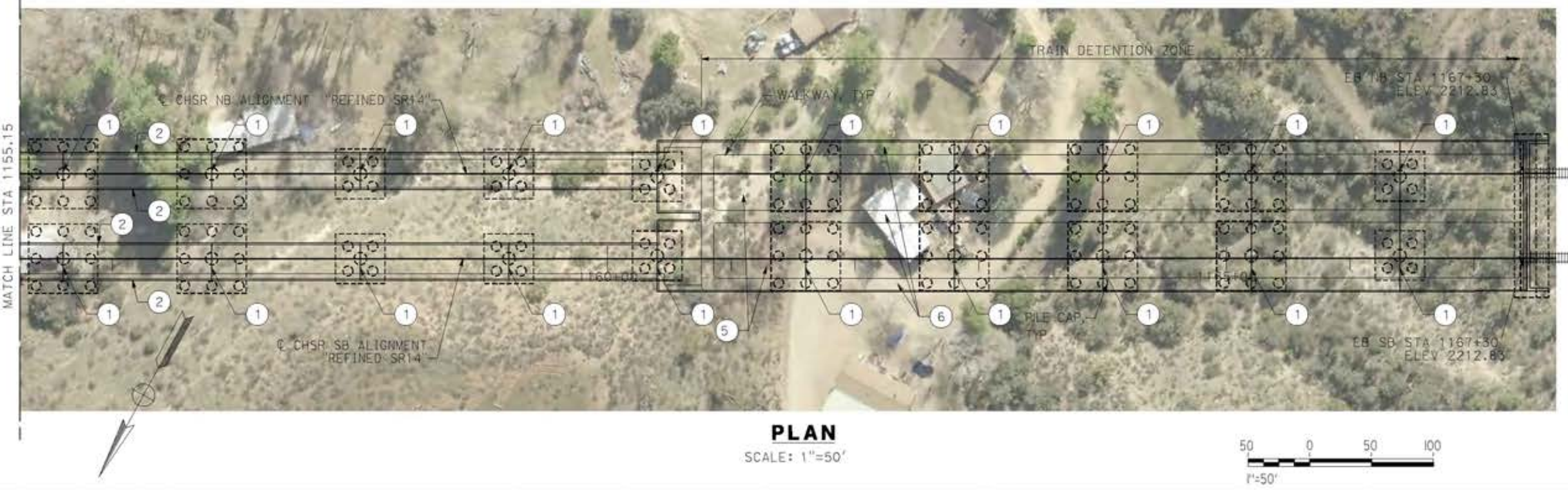
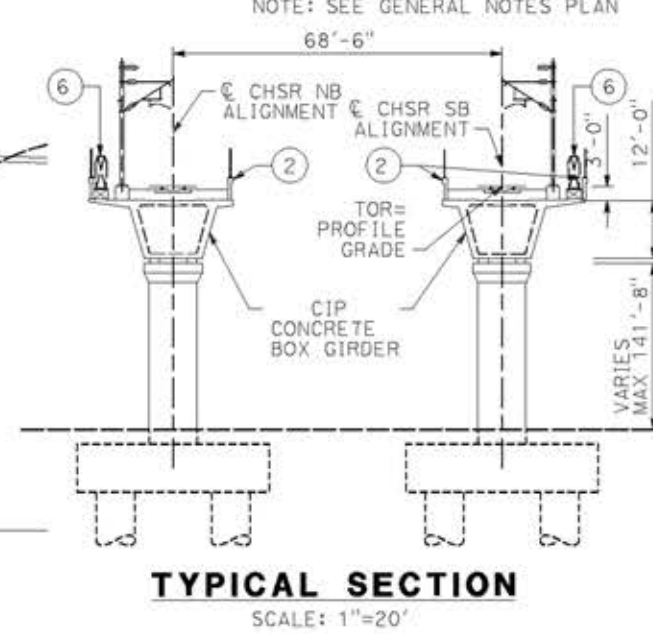
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18/05/2021 17:20:22

0204814



- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY
- NOTE: SEE GENERAL NOTES PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
AGUA DULCE VIADUCT
GENERAL PLAN
SHEET 2 OF 2

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1020-S14

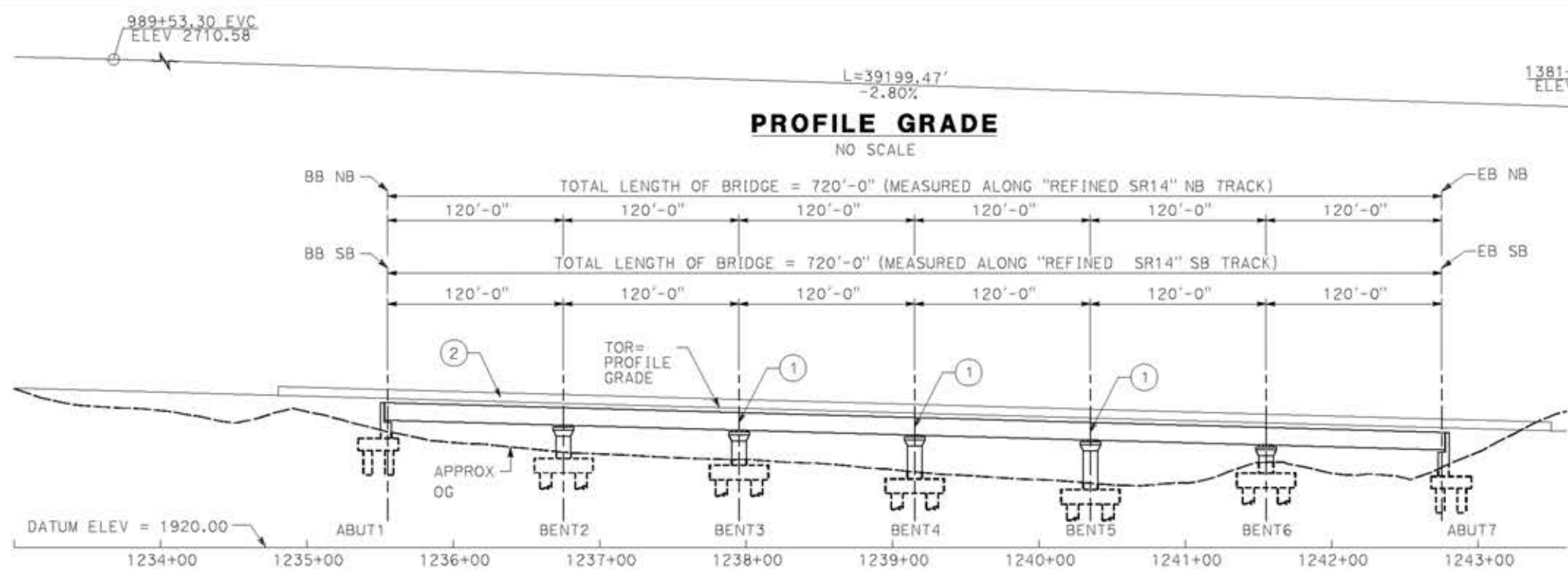
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SHEET NO.

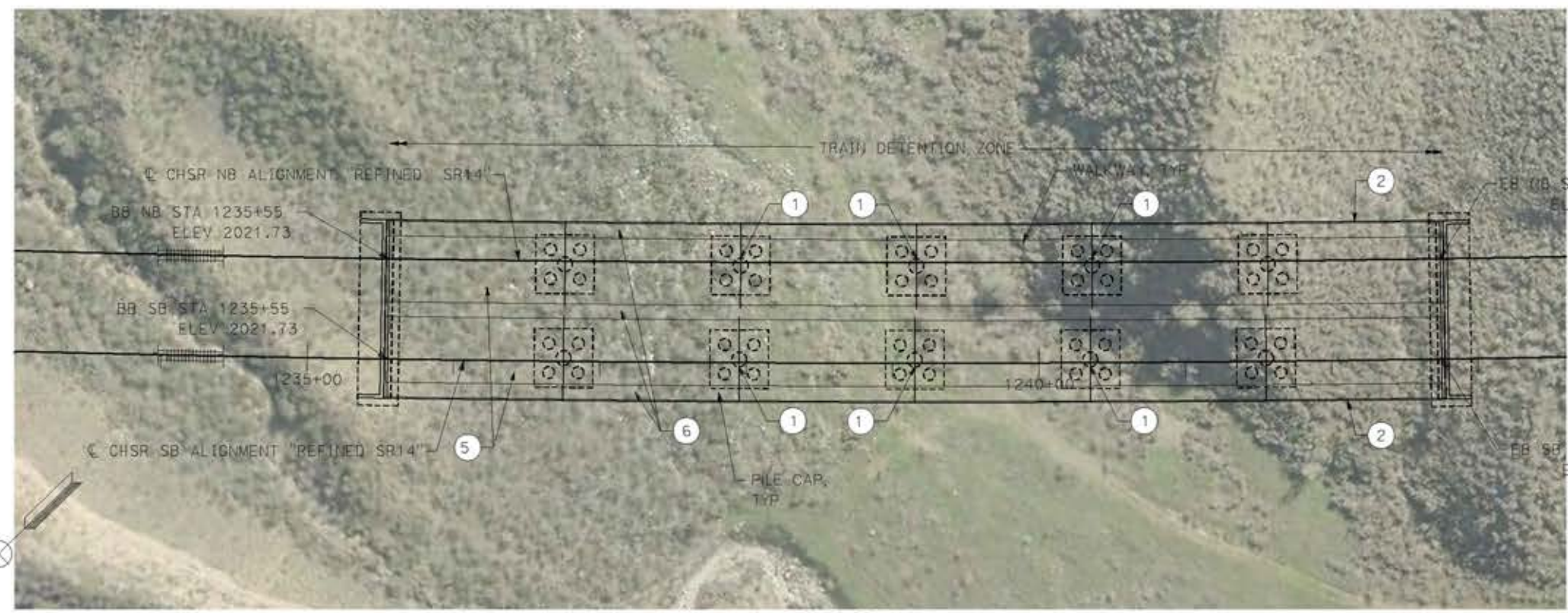
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0204814



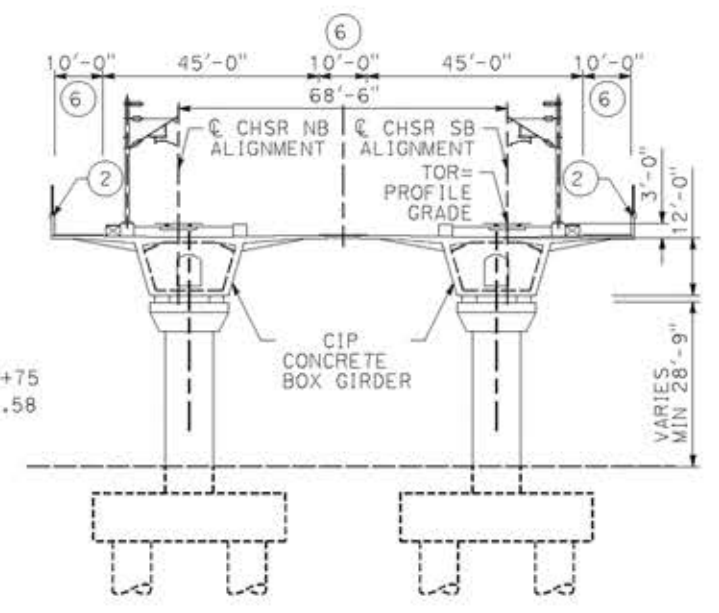
ELEVATION
SCALE: 1"=50'



PLAN
SCALE: 1"=50'

- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



TYPICAL SECTION
SCALE: 1"=20'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



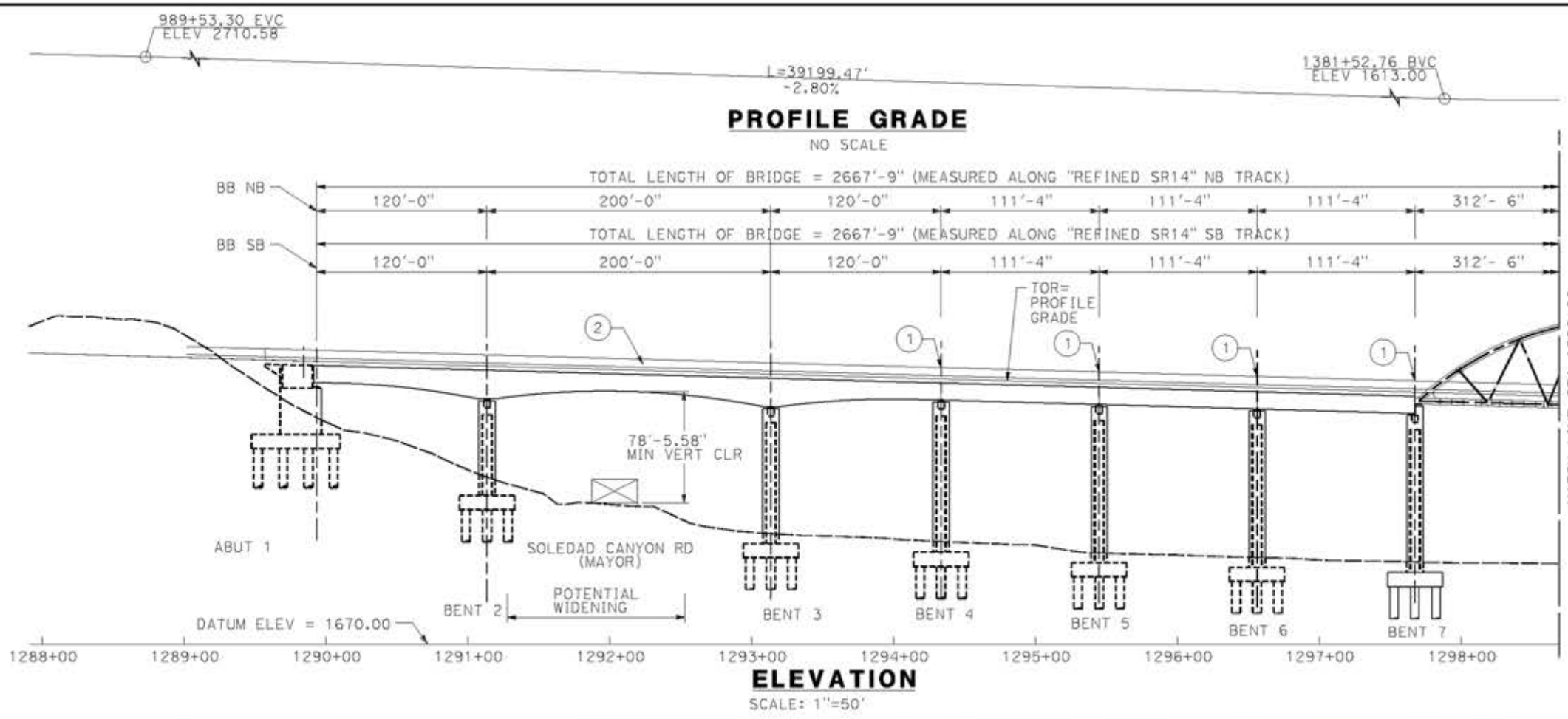
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
ST 1235+35 VIADUCT
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1021-S14
SCALE
AS SHOWN
SHEET NO.

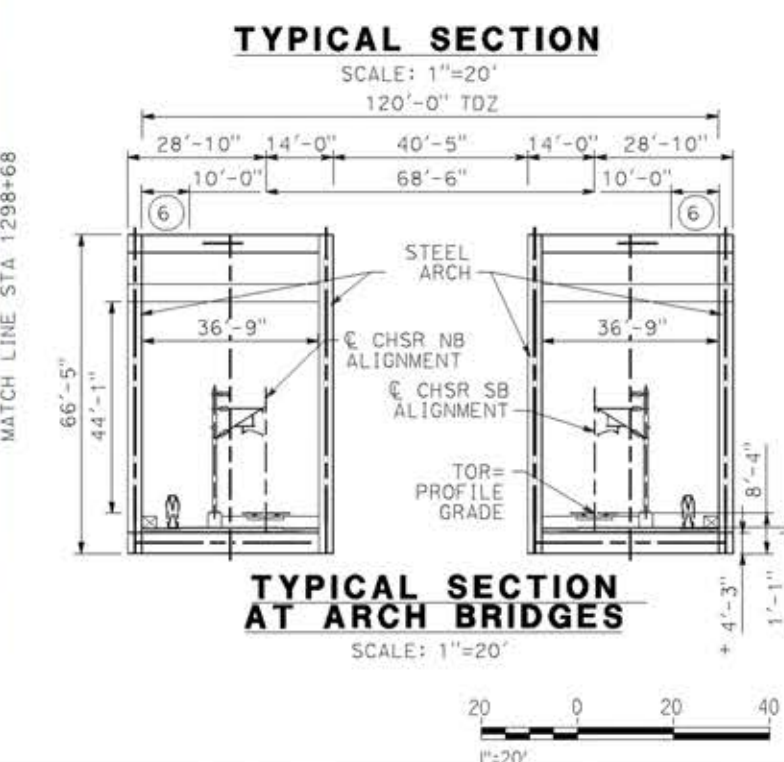
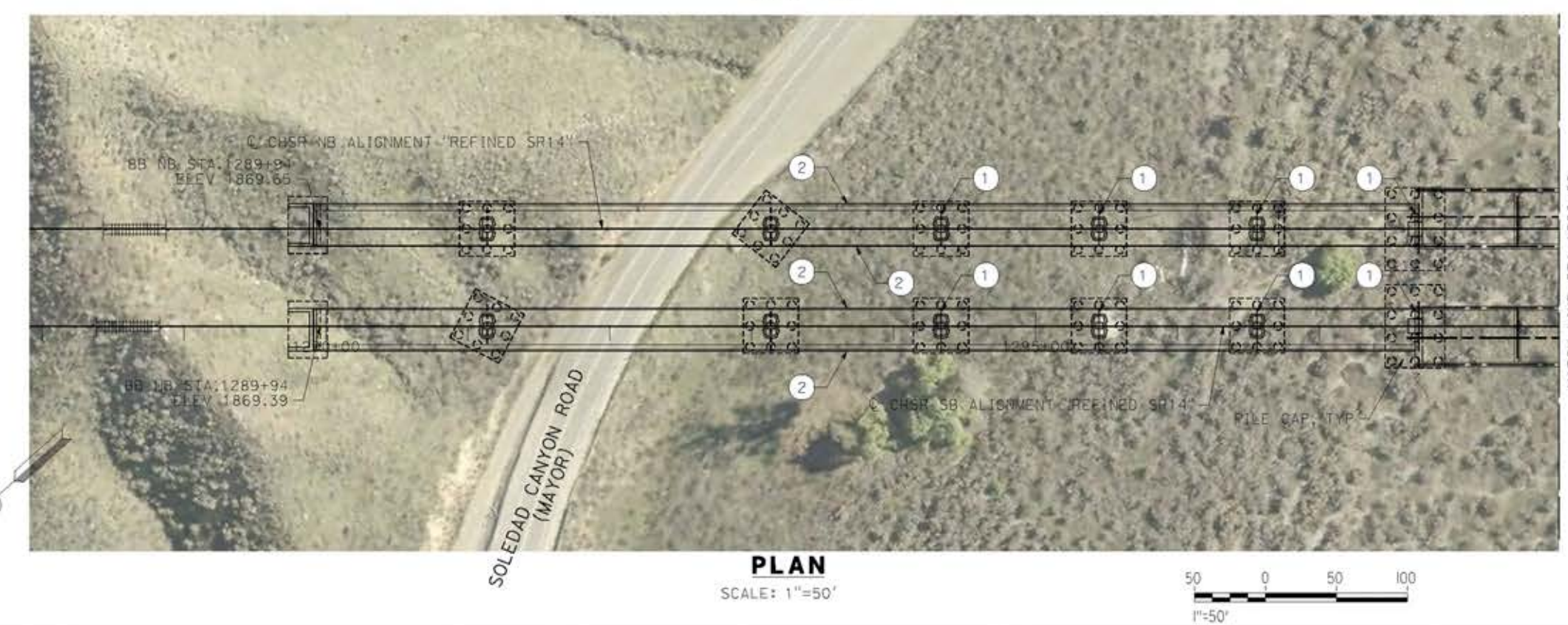
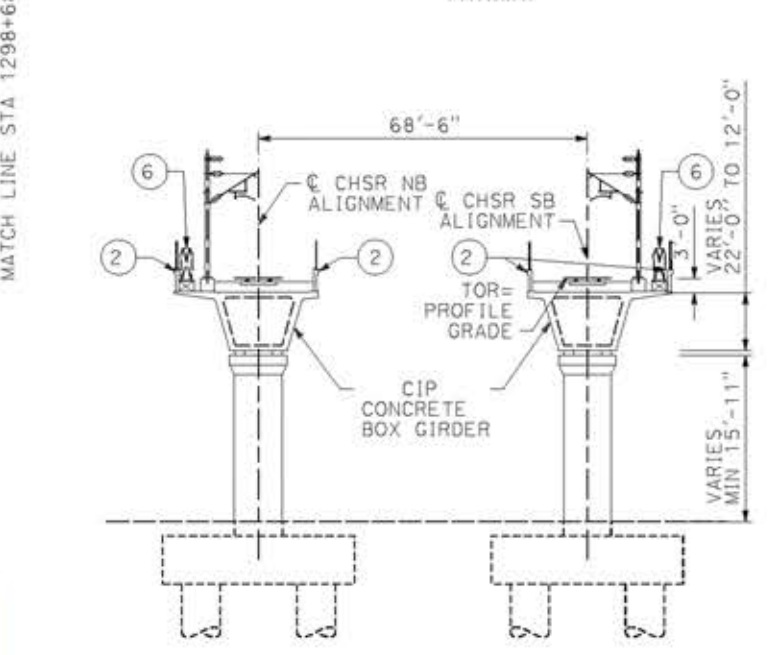
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18/05/2021 17:21:17

0204814



- LEGEND:
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER GUARDRAIL OR PIER PROTECTION WALL
 - ③ NORMALIZING SLAB
 - ④ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑤ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. MOLINA

DRAWN BY
J. LOPEZ

CHECKED BY
J. REVOLTOS

IN CHARGE
A. RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
SANTA CLARA VIADUCT
GENERAL PLAN
SHEET 1 OF 3

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1022-S14

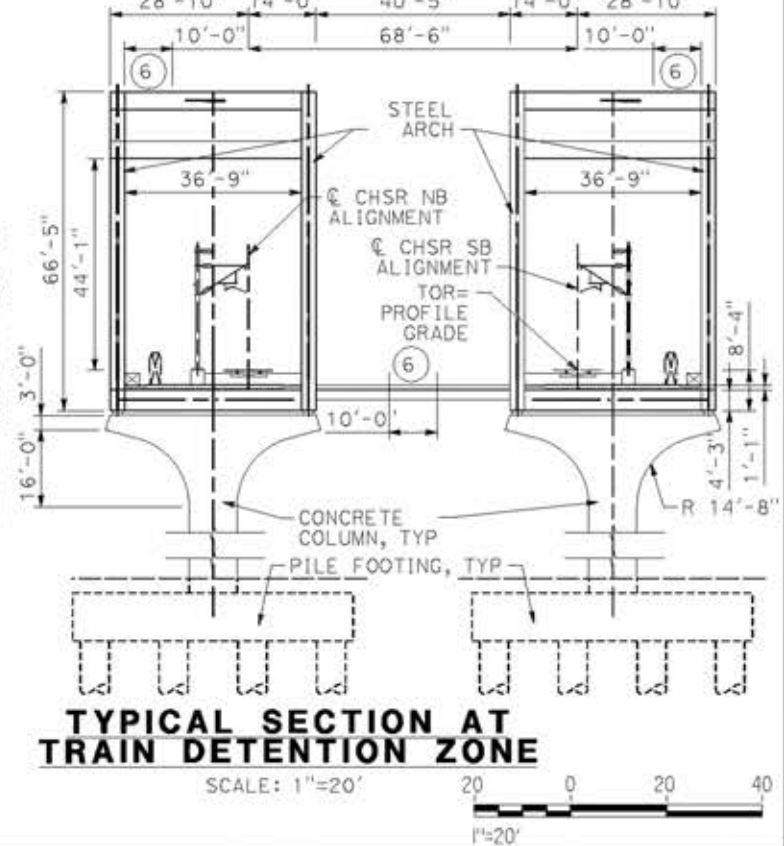
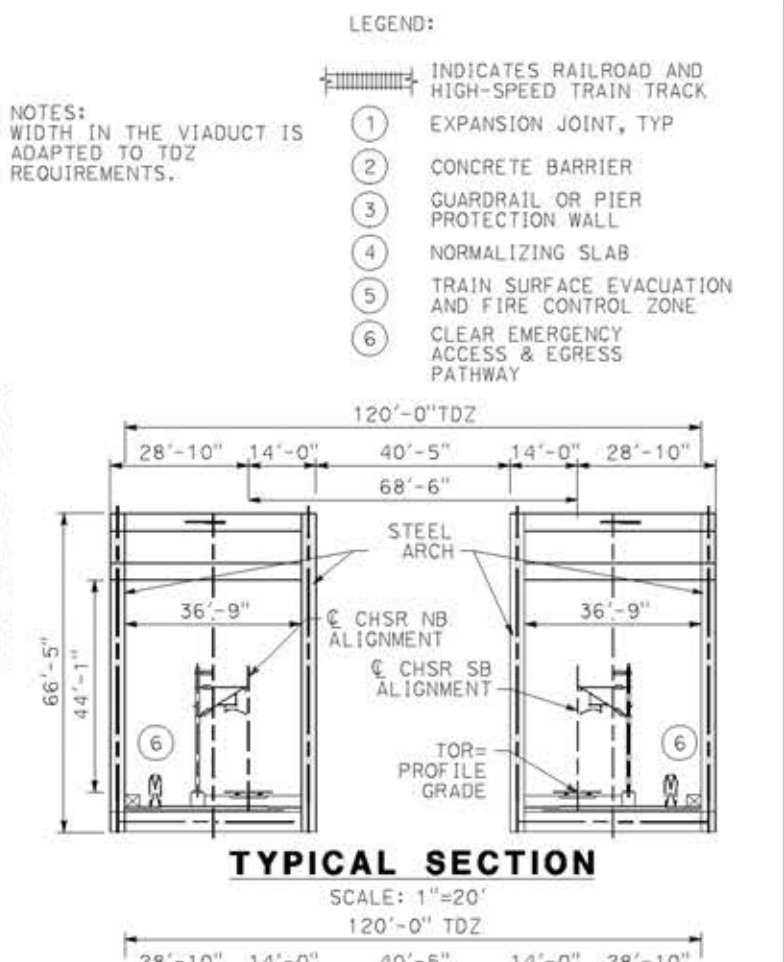
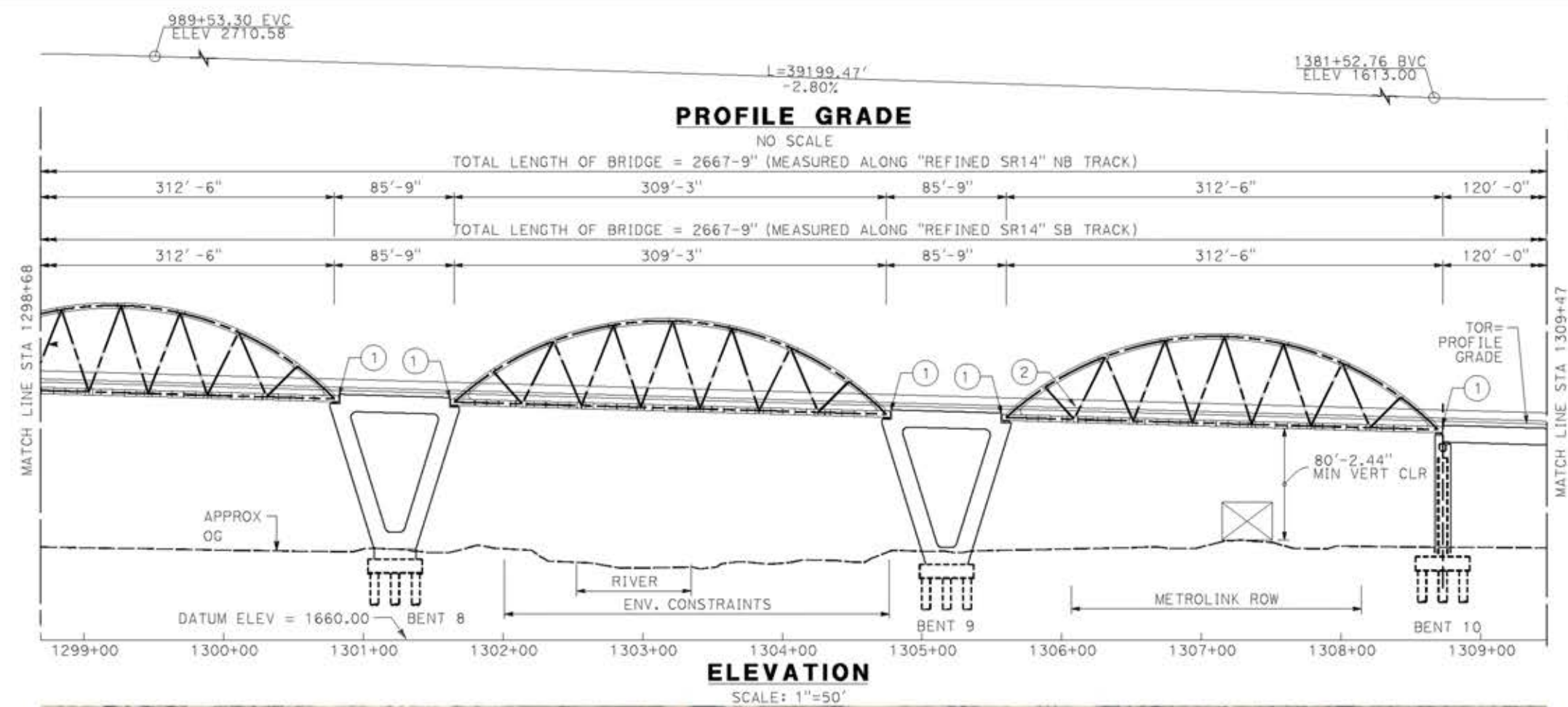
SCALE
AS SHOWN

SHEET NO.

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18/05/2021 17:25:28

0204814



- LEGEND:
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

NOTES:
WIDTH IN THE VIADUCT IS ADAPTED TO TDZ REQUIREMENTS.

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION

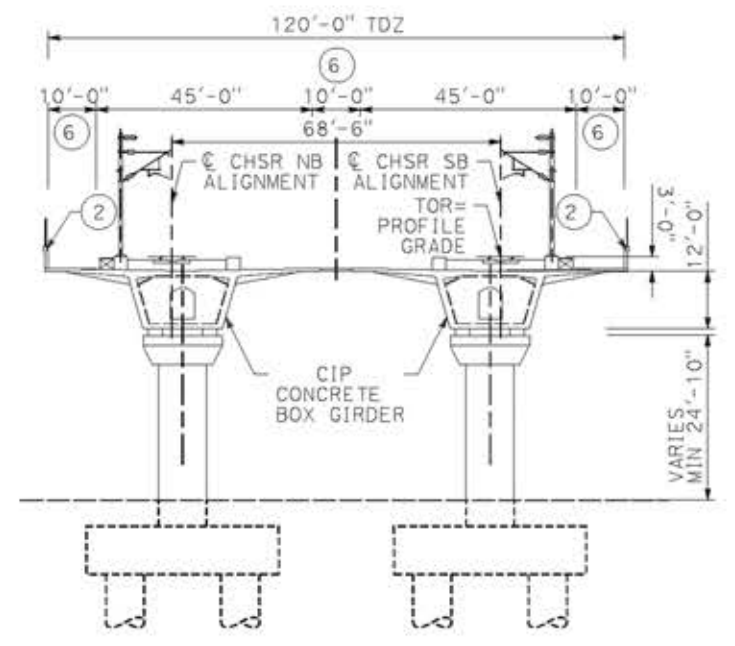
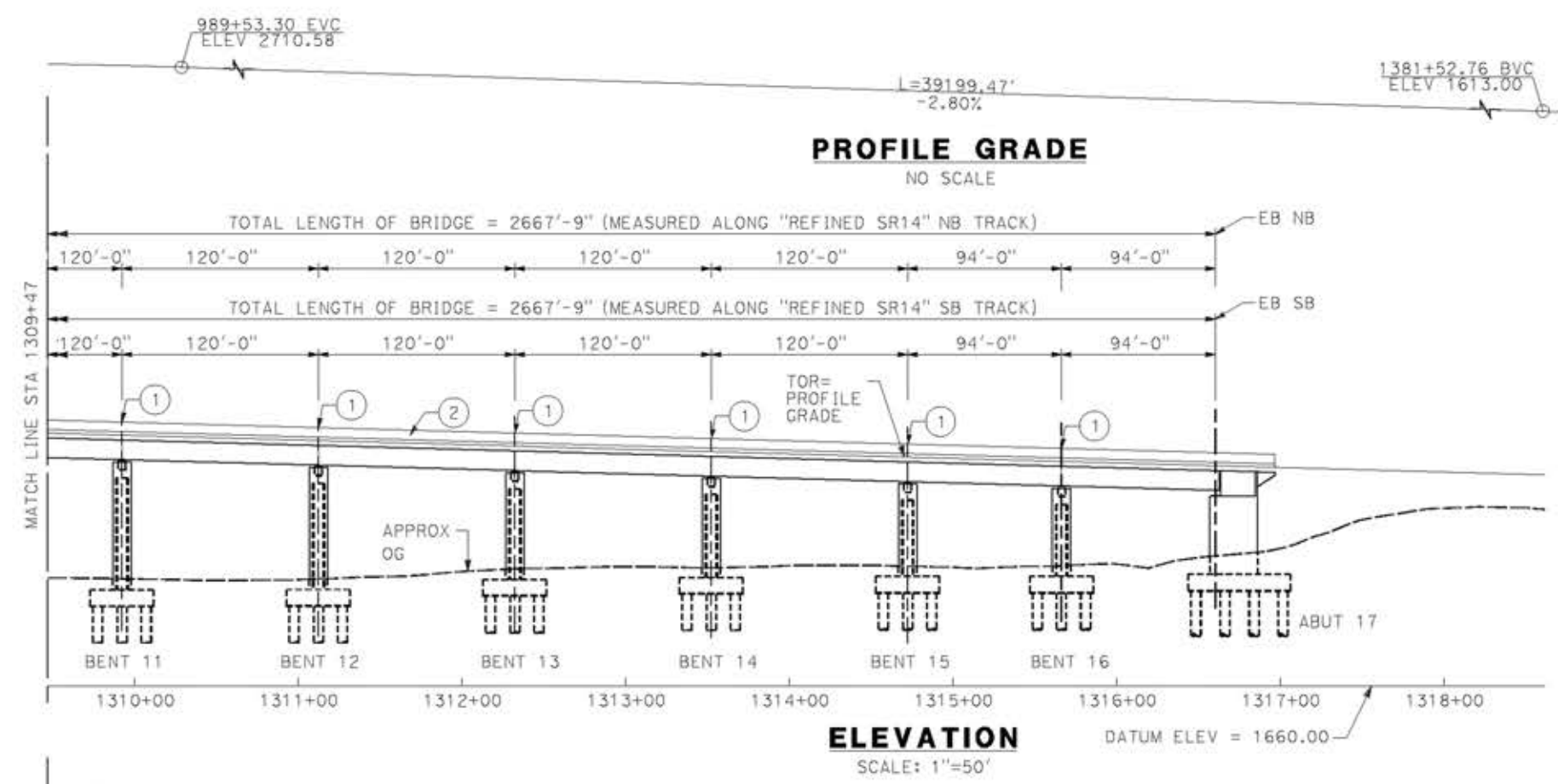


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
SANTA CLARA VIADUCT
GENERAL PLAN
SHEET 2 OF 3

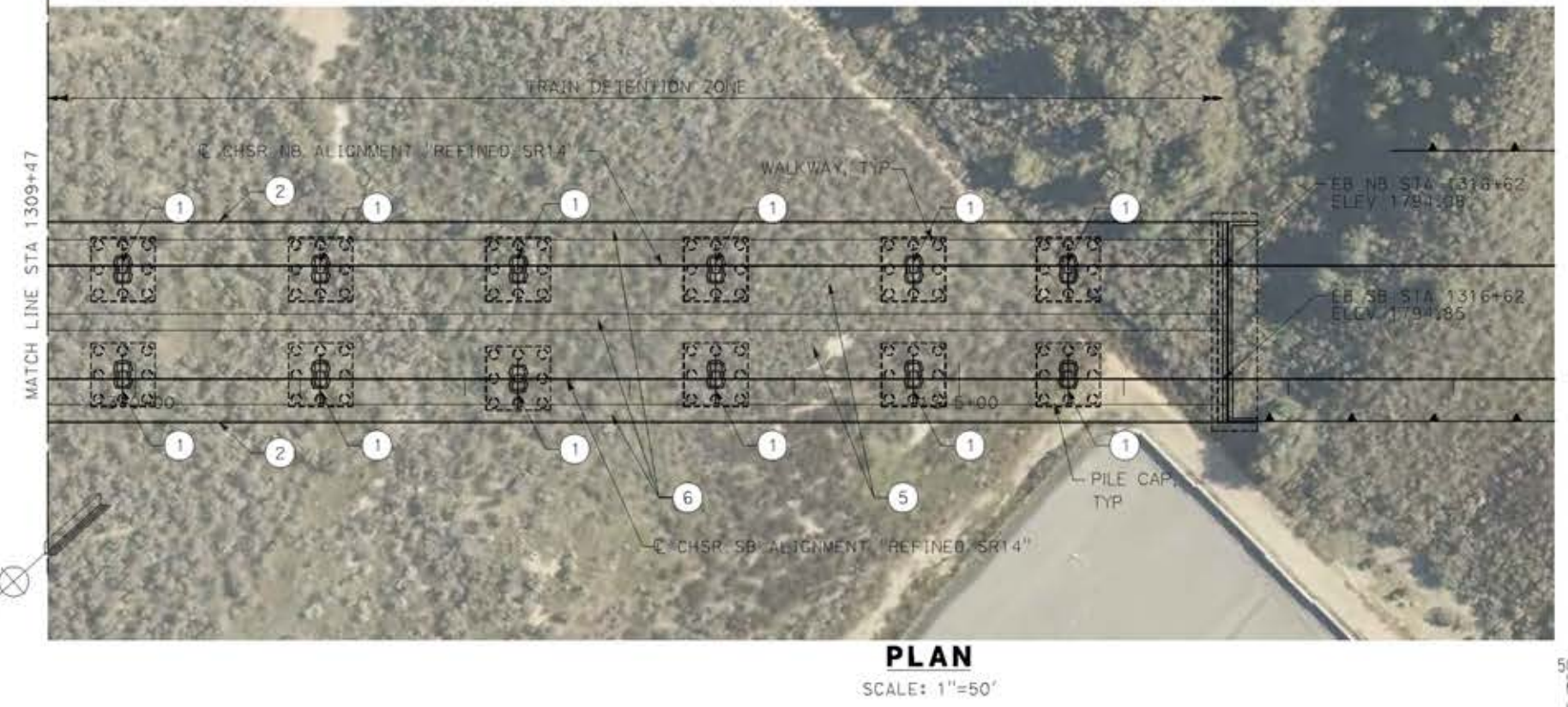
CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1023-S14
SCALE
AS SHOWN
SHEET NO.

- LEGEND:
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

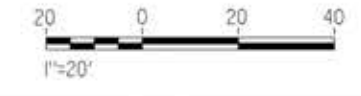
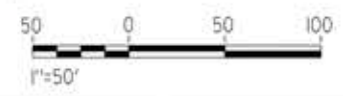
NOTES:
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 WIDTH IN THE VIADUCT IS ADAPTED TO TDZ REQUIREMENTS.



TYPICAL SECTION
 SCALE: 1"=20'



PLAN
 SCALE: 1"=50'



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REV	DATE	BY	CHK	APP	DESCRIPTION

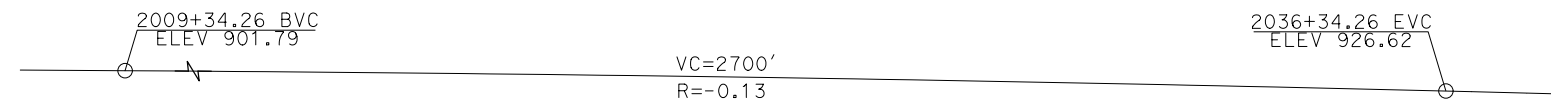
DESIGNED BY
A.MOLINA
 DRAWN BY
J.LOPEZ
 CHECKED BY
J.REVOLTOS
 IN CHARGE
A.RELAÑO
 DATE
04/30/2021

PEPD RECORD SET
 REV 02
 NOT FOR
 CONSTRUCTION



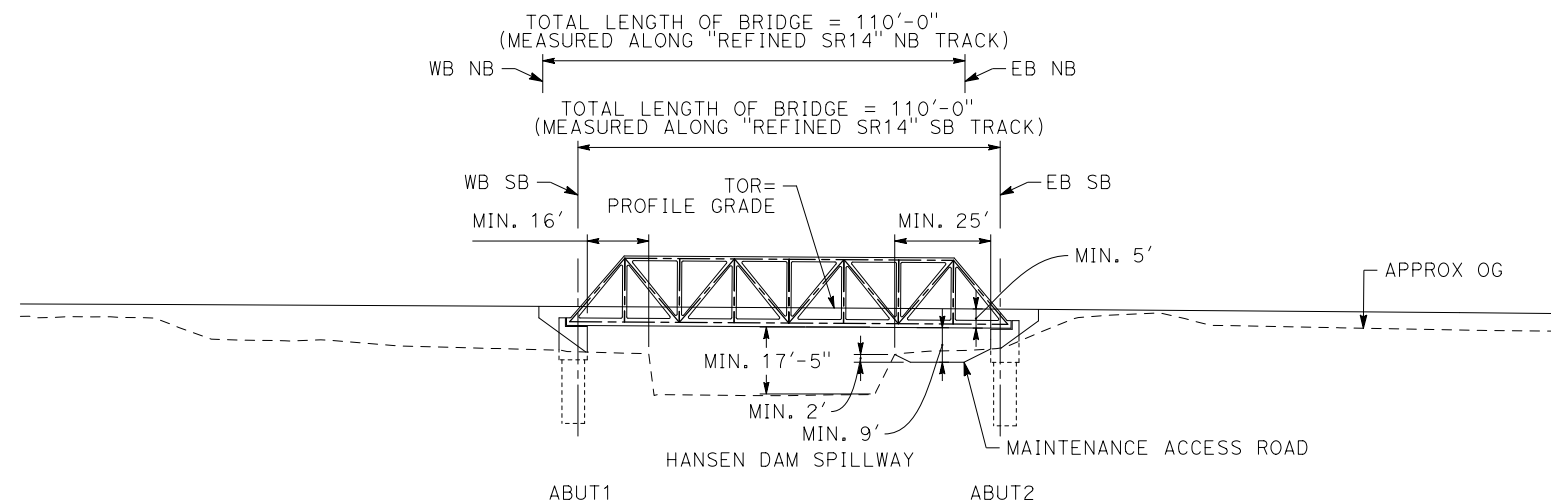
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "REFINED SR14"
 SANTA CLARA VIADUCT
 GENERAL PLAN
 SHEET 3 OF 3

CONTRACT NO. HSR14-42
DRAWING NO. ST-J1024-S14
SCALE AS SHOWN
SHEET NO.



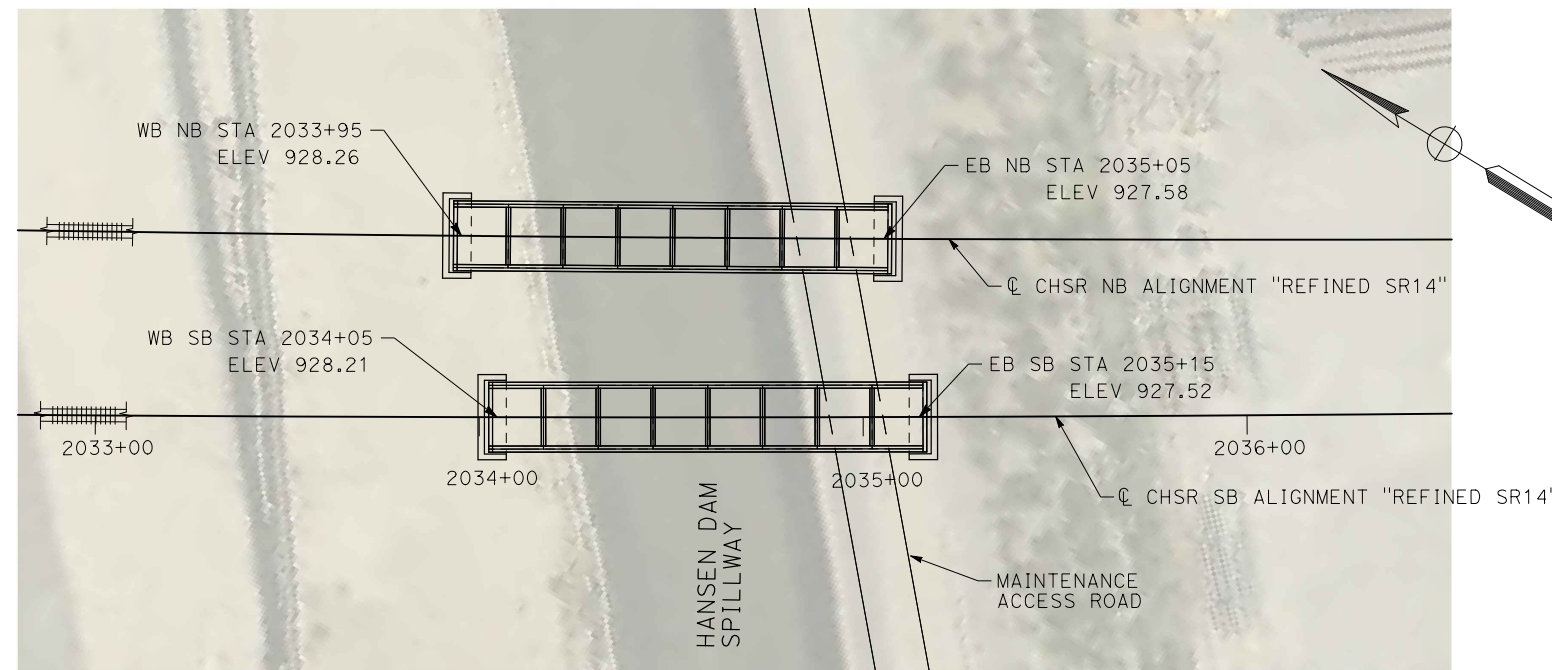
PROFILE GRADE

NO SCALE



ELEVATION

SCALE: 1"=25'



PLAN

SCALE: 1"=25'

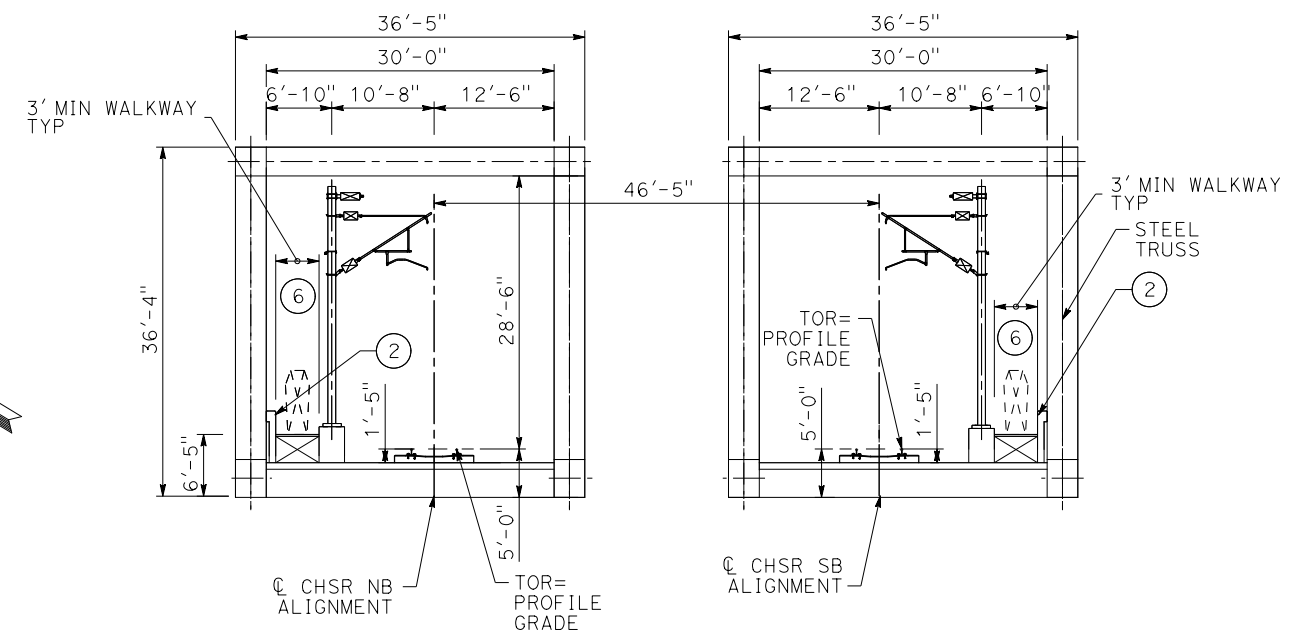
NOTES:

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STRUCTURE INTERSECTS HANSEN DAM SPILLWAY AT APPROXIMATELY STA 443+72.77 OF THE CHANNEL BASED ON USACE UPPER LOS ANGELES AND TUJUNGA WASH HEC-RAS HYDRAULIC MODELS FINAL REPORT DATED JULY 2005.

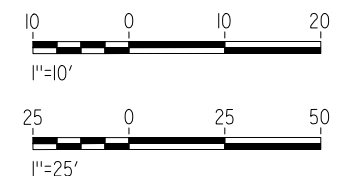
LEGEND:

- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
- ① EXPANSION JOINT, TYP
- ② CONCRETE BARRIER
- ③ GUARDRAIL OR PIER PROTECTION WALL
- ④ NORMALIZING SLAB
- ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
- ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



TYPICAL SECTION

SCALE: 1"=10'



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0400091

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.A.VEDIA

CHECKED BY
I.LAQUIDAIN

IN CHARGE
A.RELANO

DATE
12/21/2023

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



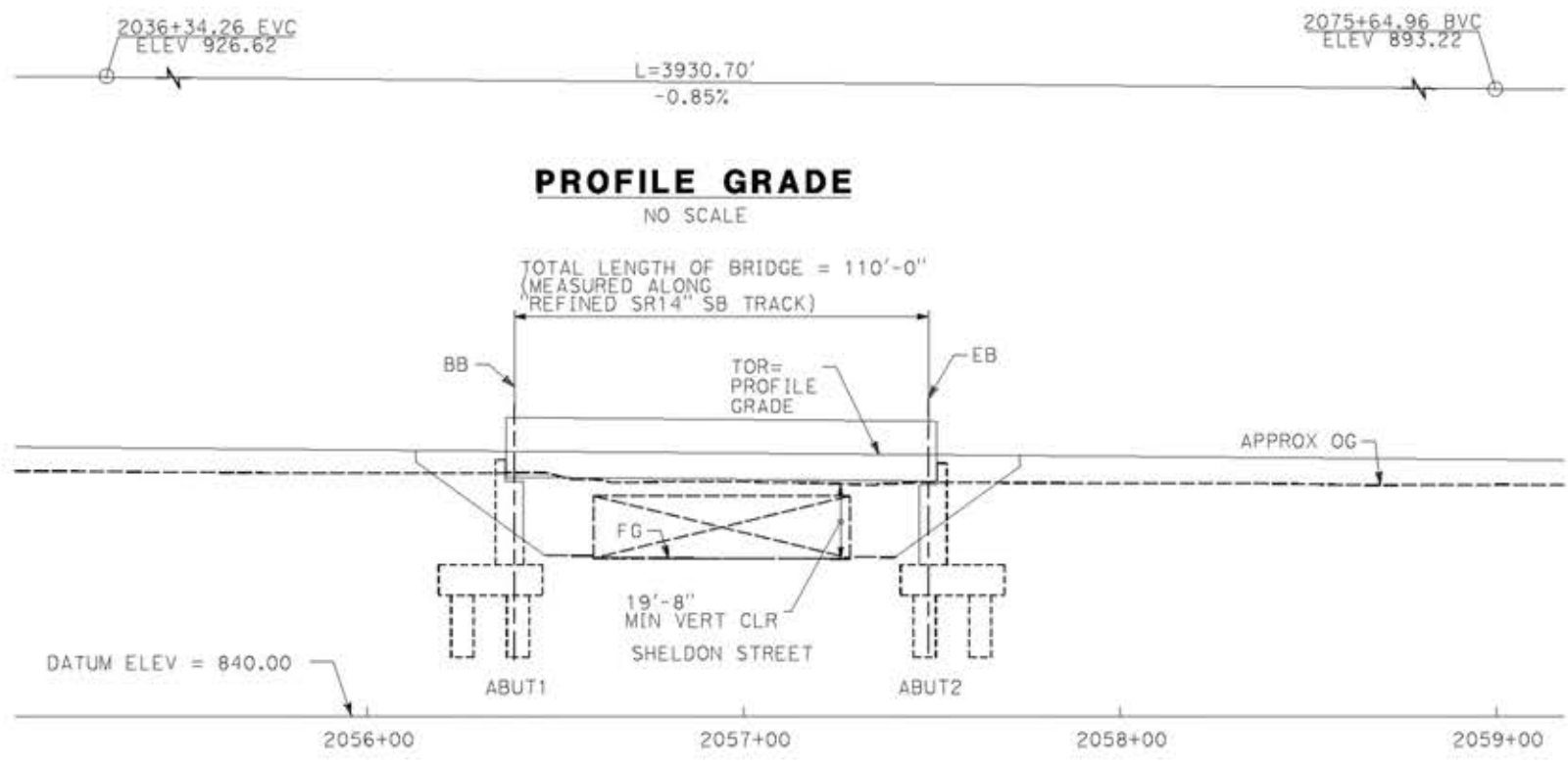
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
HANSEN DAM SPILLWAY VIADUCT
GENERAL PLAN

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1025-S14

SCALE
AS SHOWN

SHEET NO.



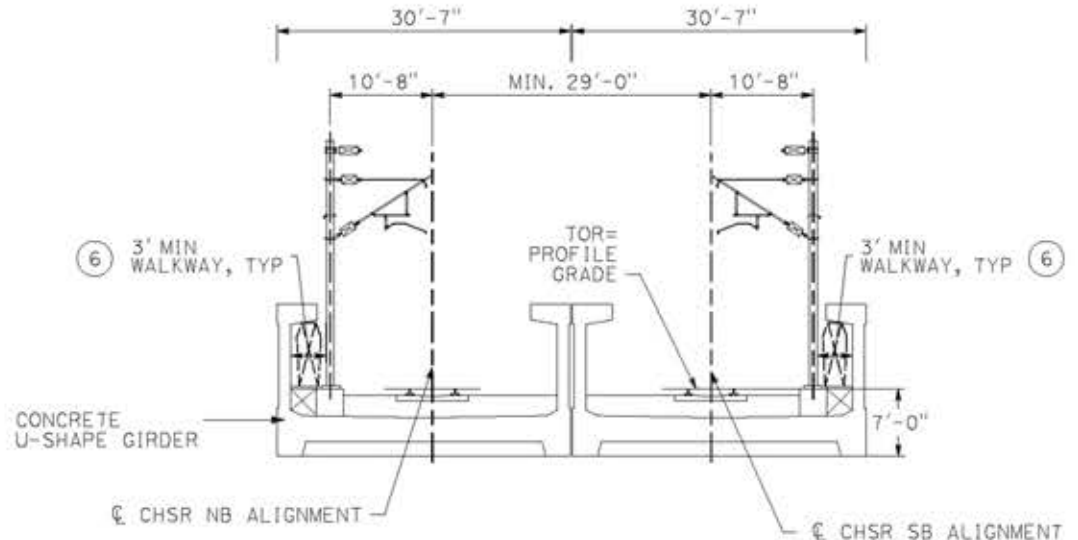
PROFILE GRADE
NO SCALE

TOTAL LENGTH OF BRIDGE = 110'-0"
(MEASURED ALONG
"REFINED SR14" SB TRACK)

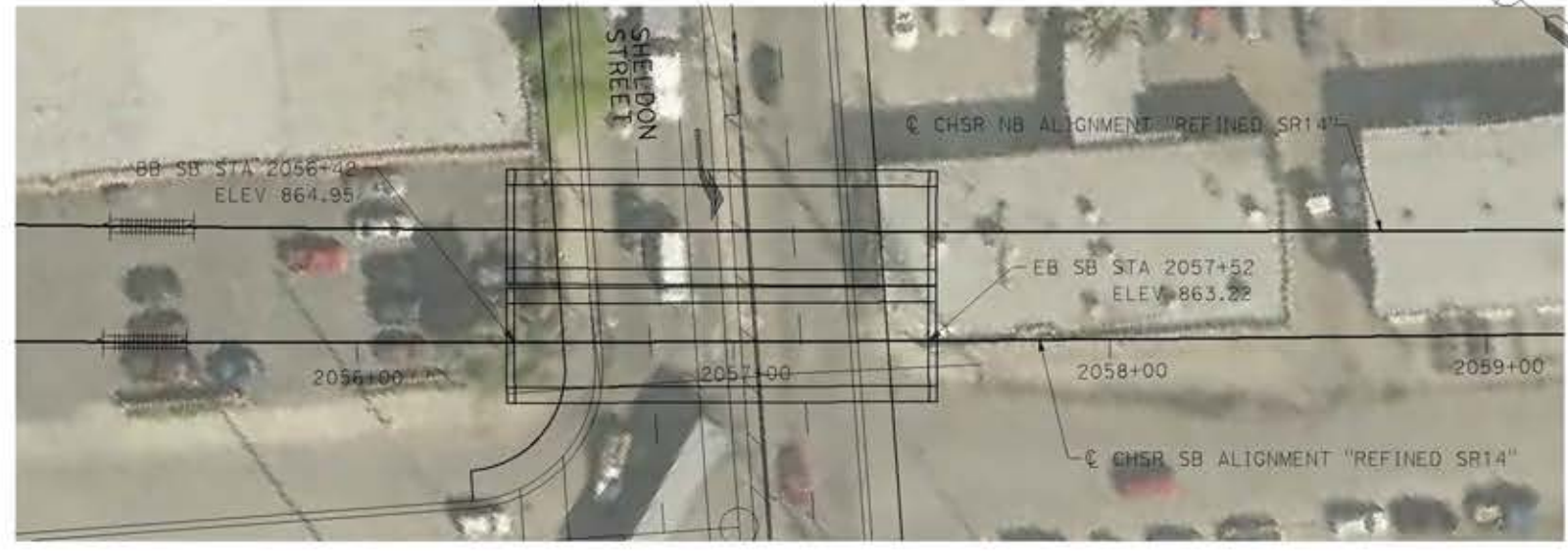
ELEVATION
SCALE: 1"=25'

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

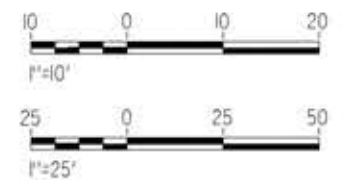
- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER GUARDRAIL OR PIER PROTECTION WALL
 - ③ NORMALIZING SLAB
 - ④ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑤ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY
 - ⑥



TYPICAL SECTION
SCALE: 1"=10'



PLAN
SCALE: 1"=25'



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14/05/2021 9:26:21

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION

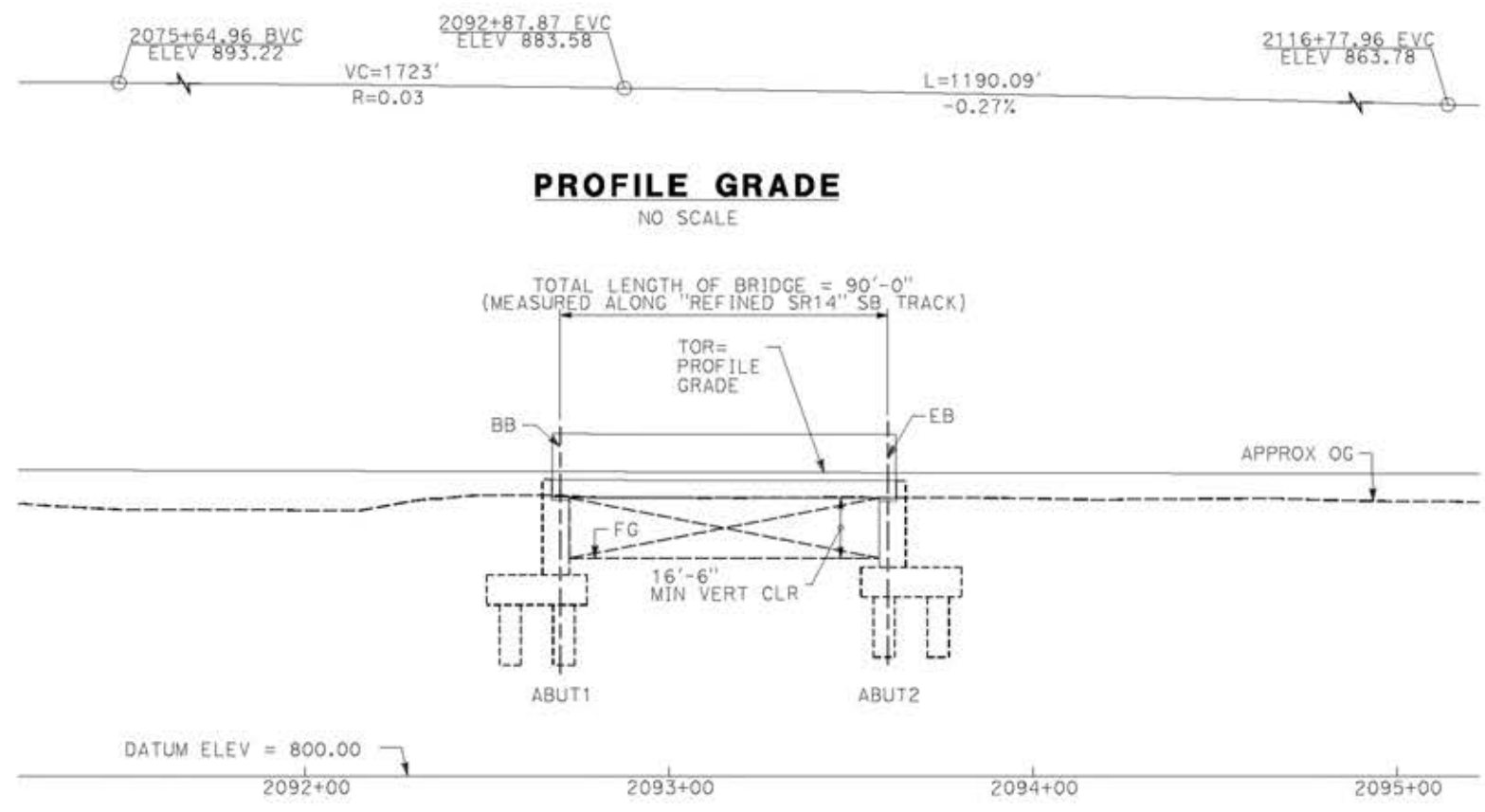


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
SHELDON STREET VIADUCT
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1026-S14
SCALE
AS SHOWN
SHEET NO.

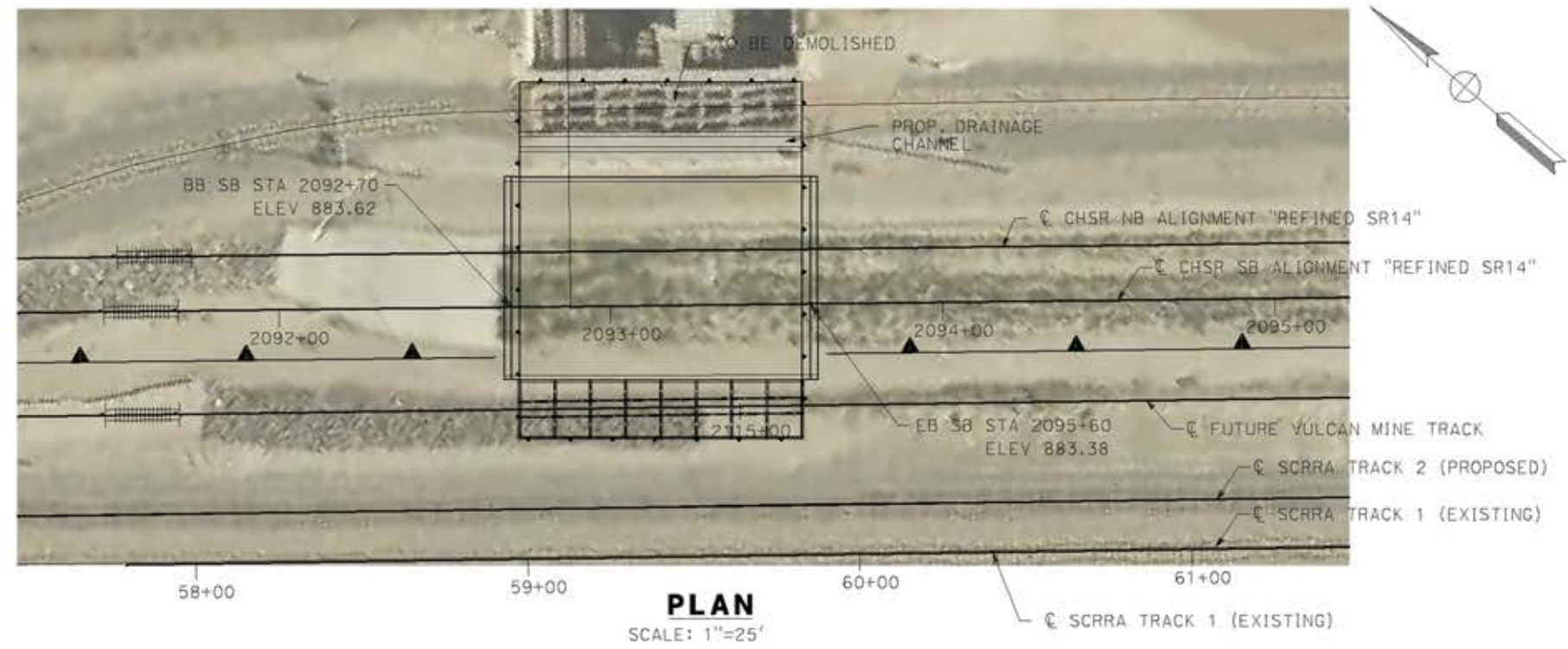
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PROFILE GRADE
NO SCALE

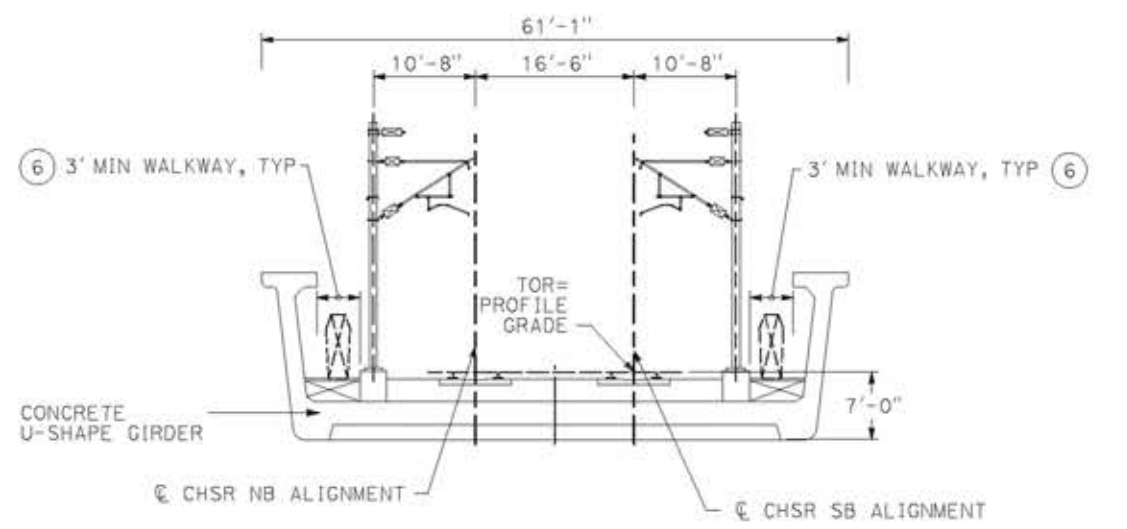
ELEVATION
SCALE: 1"=25'



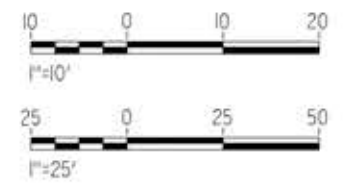
PLAN
SCALE: 1"=25'

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER GUARDRAIL OR PIER PROTECTION WALL
 - ③ NORMALIZING SLAB
 - ④ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑤ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY
 - ⑥



TYPICAL SECTION
SCALE: 1"=10'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELARO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION

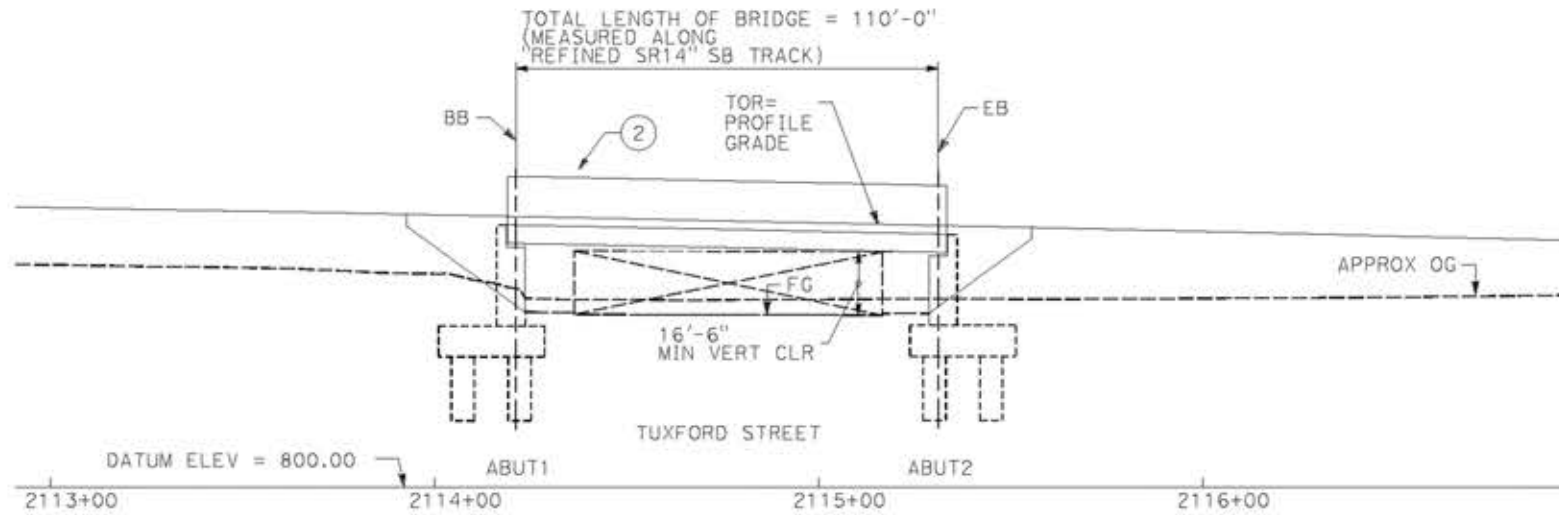


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
VULCAN MINE HOPPER VIADUCT
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1027-S14
SCALE
AS SHOWN
SHEET NO.



PROFILE GRADE
NO SCALE



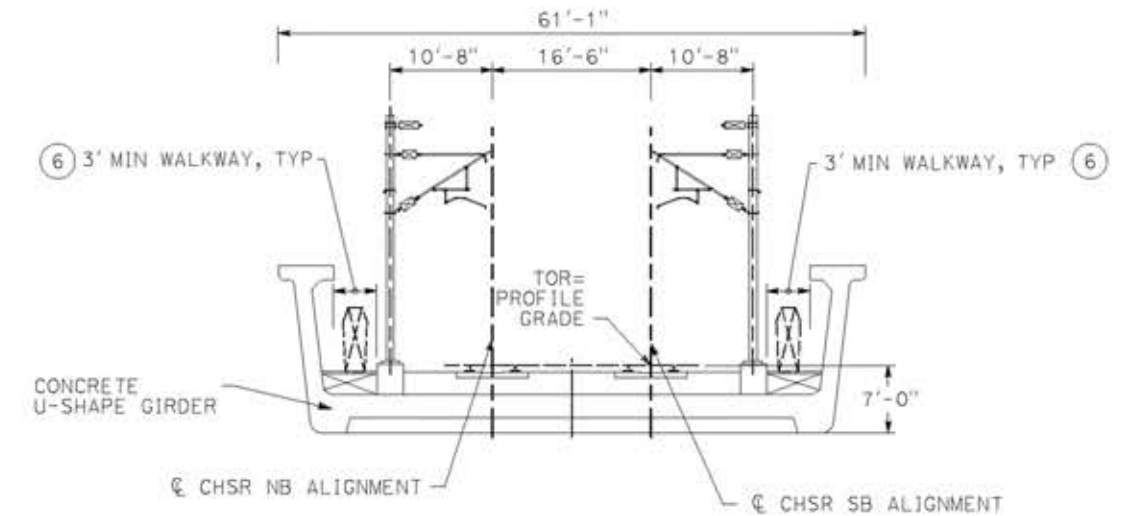
ELEVATION
SCALE: 1"=25'



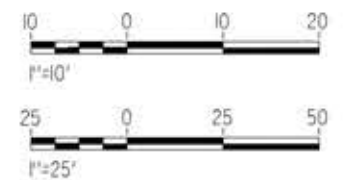
PLAN
SCALE: 1"=25'

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER GUARDRAIL OR PIER PROTECTION WALL
 - ③ NORMALIZING SLAB
 - ④ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑤ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY
 - ⑥



TYPICAL SECTION
SCALE: 1"=10'



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14/05/2021 9:27:06

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELAÑO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



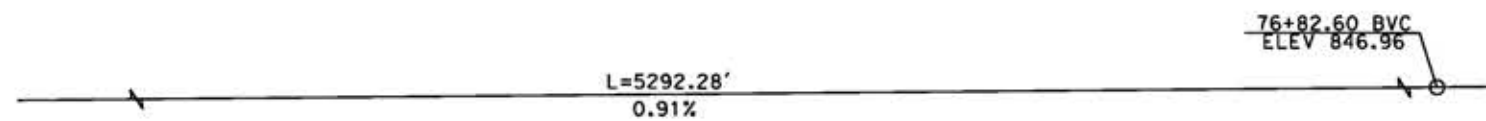
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
TUXFORD STREET VIADUCT
GENERAL PLAN

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1028-S14

SCALE
AS SHOWN

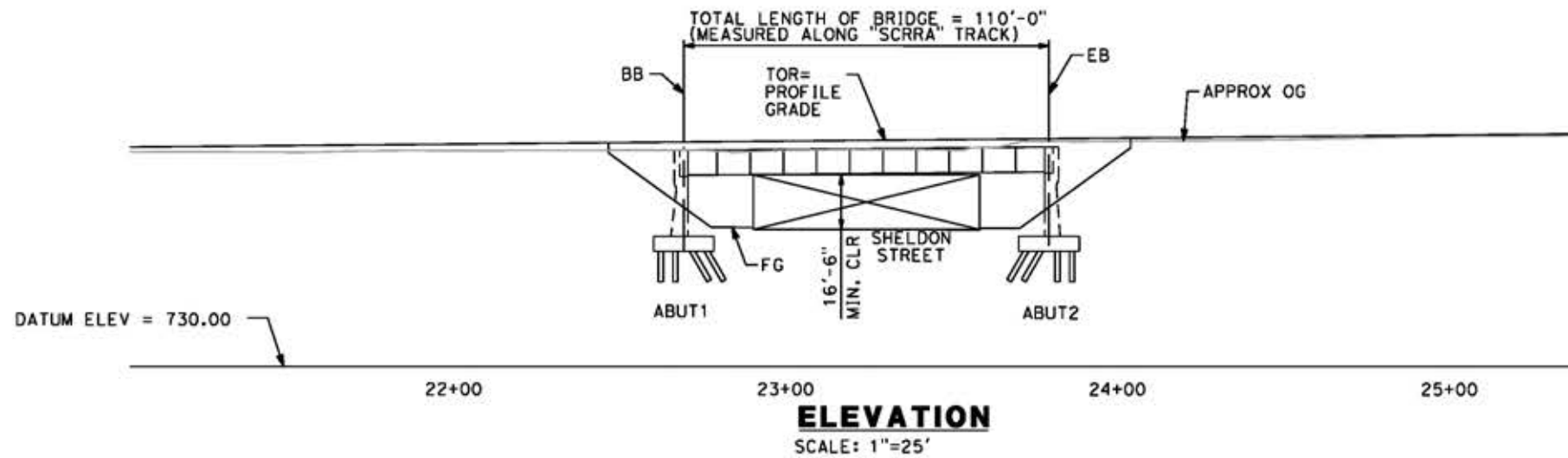
SHEET NO.



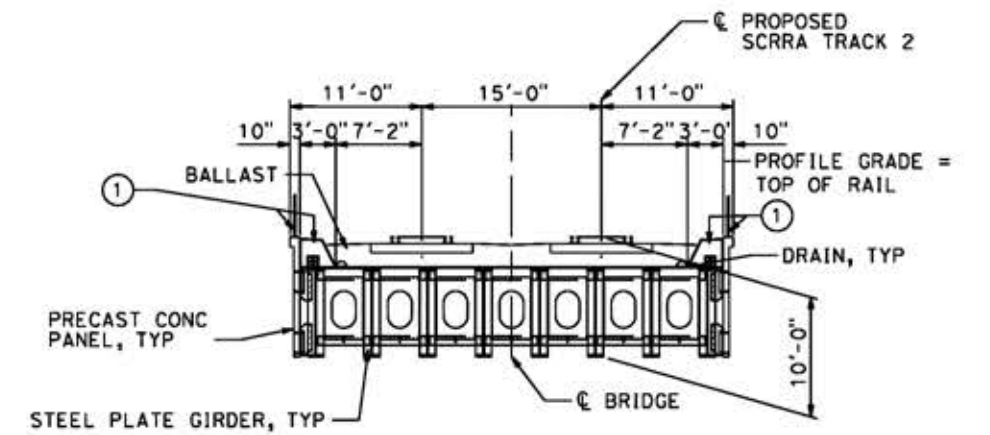
PROFILE GRADE
NO SCALE

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

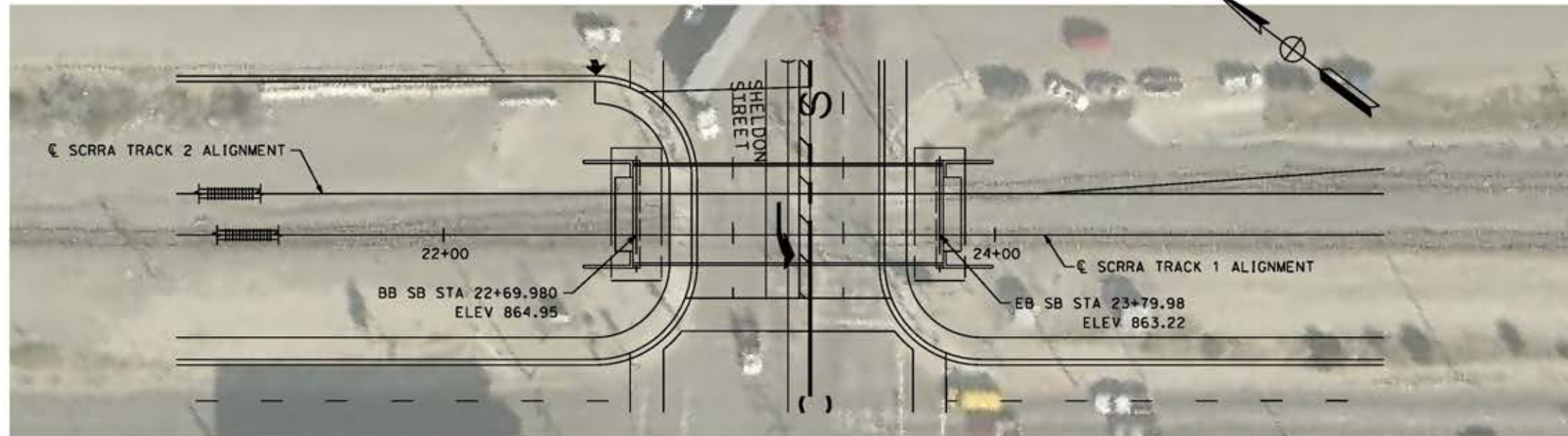
- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



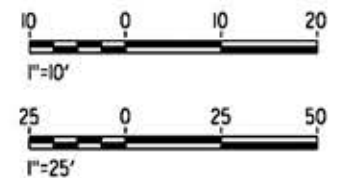
ELEVATION
SCALE: 1"=25'



TYPICAL SECTION
SCALE: 1"=10'



PLAN
SCALE: 1"=25'



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cordo

REV	DATE	BY	CHK	APP	DESCRIPTION

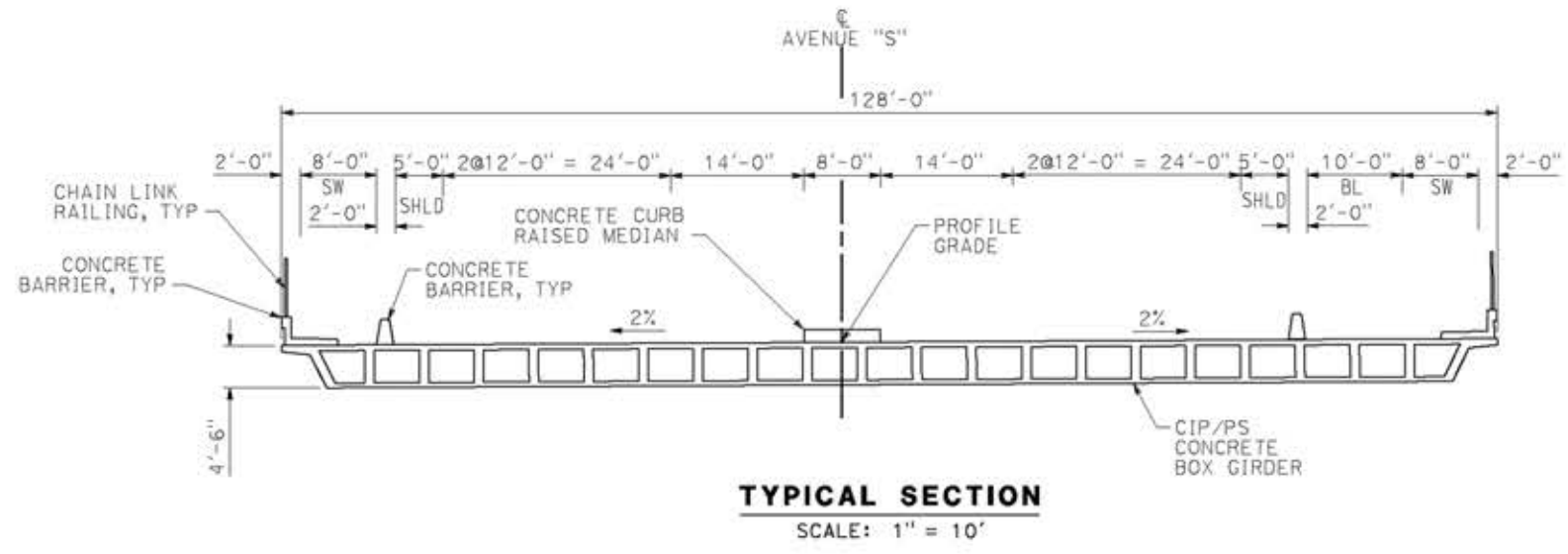
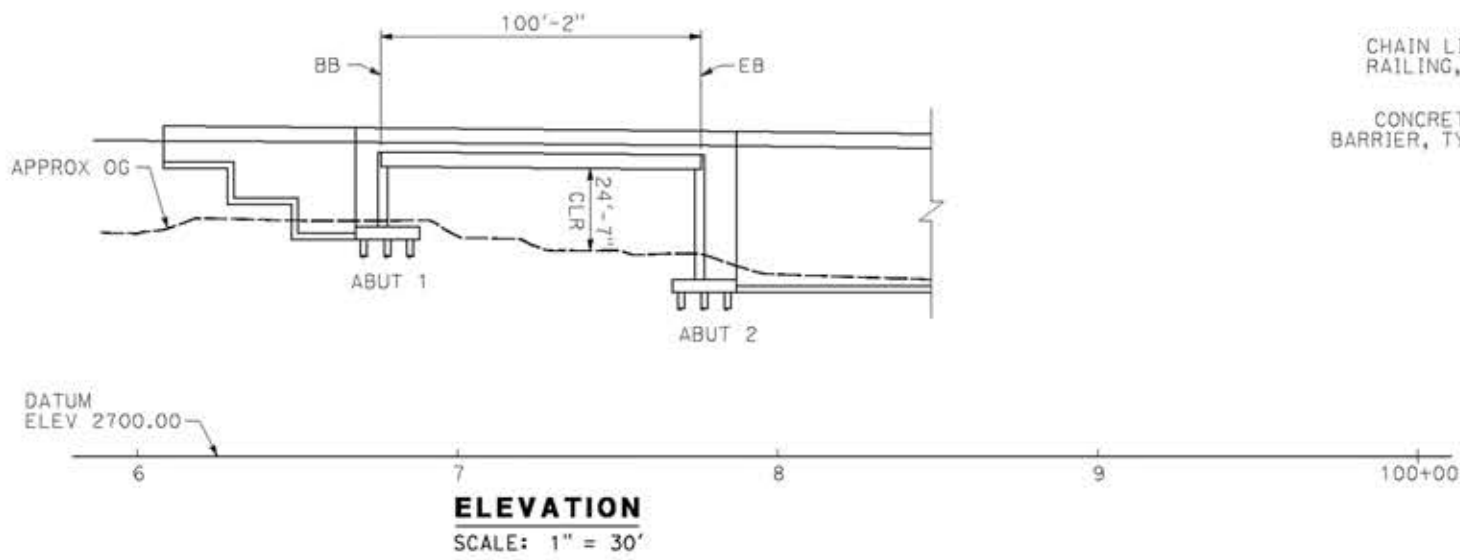
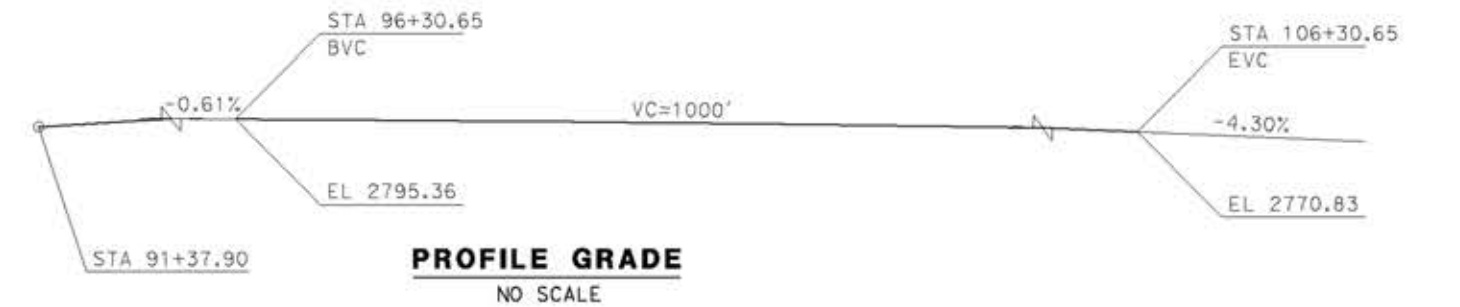
DESIGNED BY A.MOLINA
DRAWN BY J.LOPEZ
CHECKED BY J.REVOLTOS
IN CHARGE A.RELARO
DATE 04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION

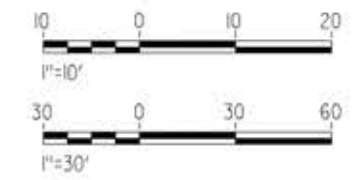


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
SHELDON STREET UNDERPASS (SCRR TRACKS 1 & 2)
GENERAL PLAN

CONTRACT NO. HSR14-42
DRAWING NO. ST-J1206-S14
SCALE AS SHOWN
SHEET NO.



- LEGEND:**
- INDICATES BRIDGE REMOVAL PORTION
 - STRUCTURE APPROACH SLAB TYPE N(30S)
 - INDICATES NEW CONSTRUCTION
 - INDICATES FOUNDATION OR HIDDEN LINES
 - MINIMUM VERTICAL CLEARANCE
 - INDICATES DIRECTION OF TRAFFIC
- NOTES:**
SEE GENERAL NOTES PLAN



14/05/2021 9:28:33 c:\pwork\ingdir\sener-us-pw\ben\ley.com_sener-us-pw-01\ignocio.vergara\dms19633\p9-51-J1404-S14.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

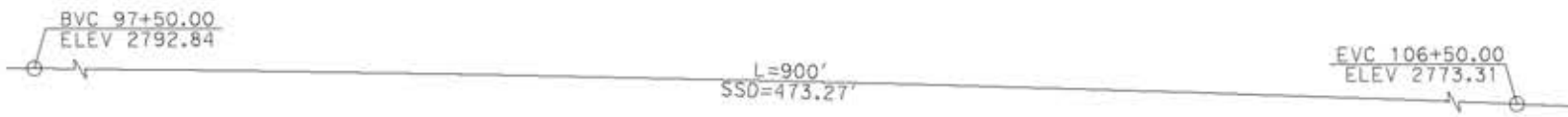
DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELAÑO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION

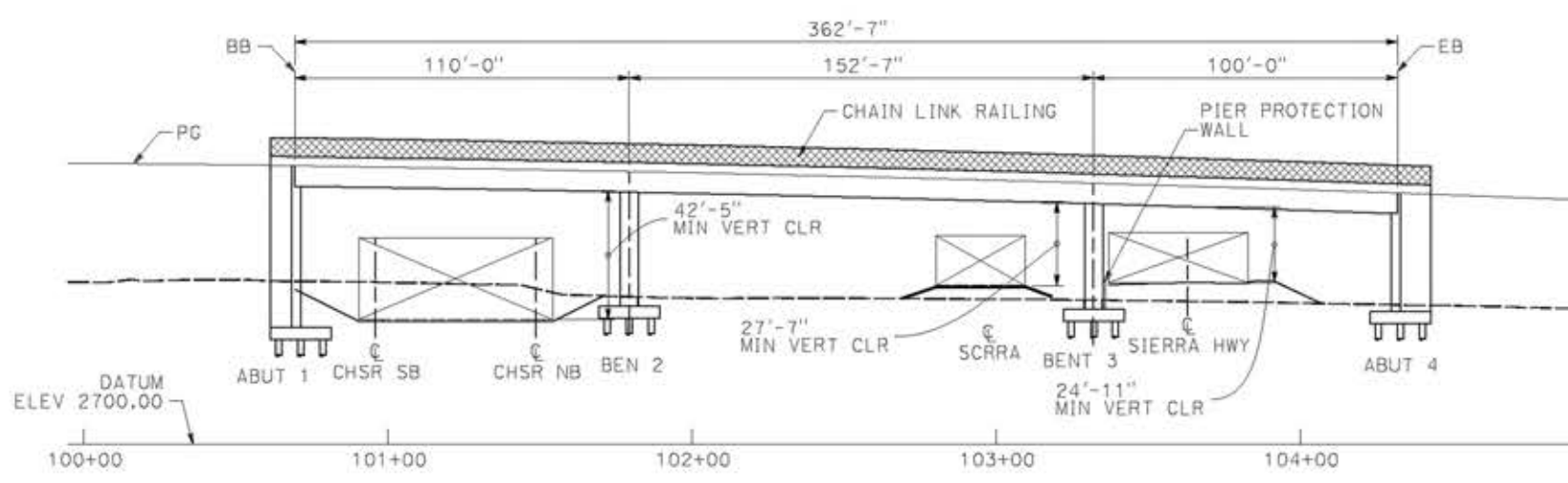


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
AVENUE S OVERCROSSING
GENERAL PLAN

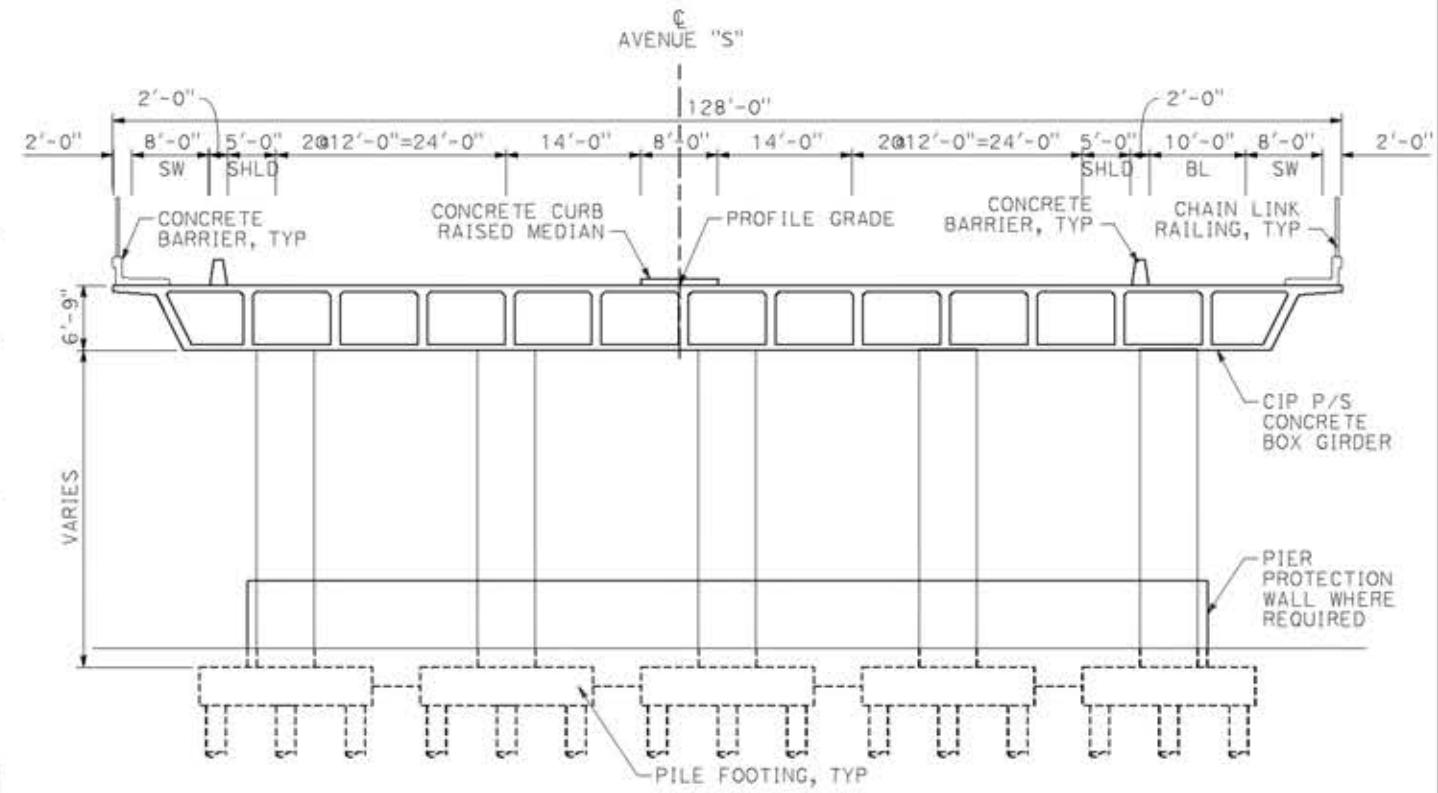
CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1404-S14
SCALE
AS SHOWN
SHEET NO.



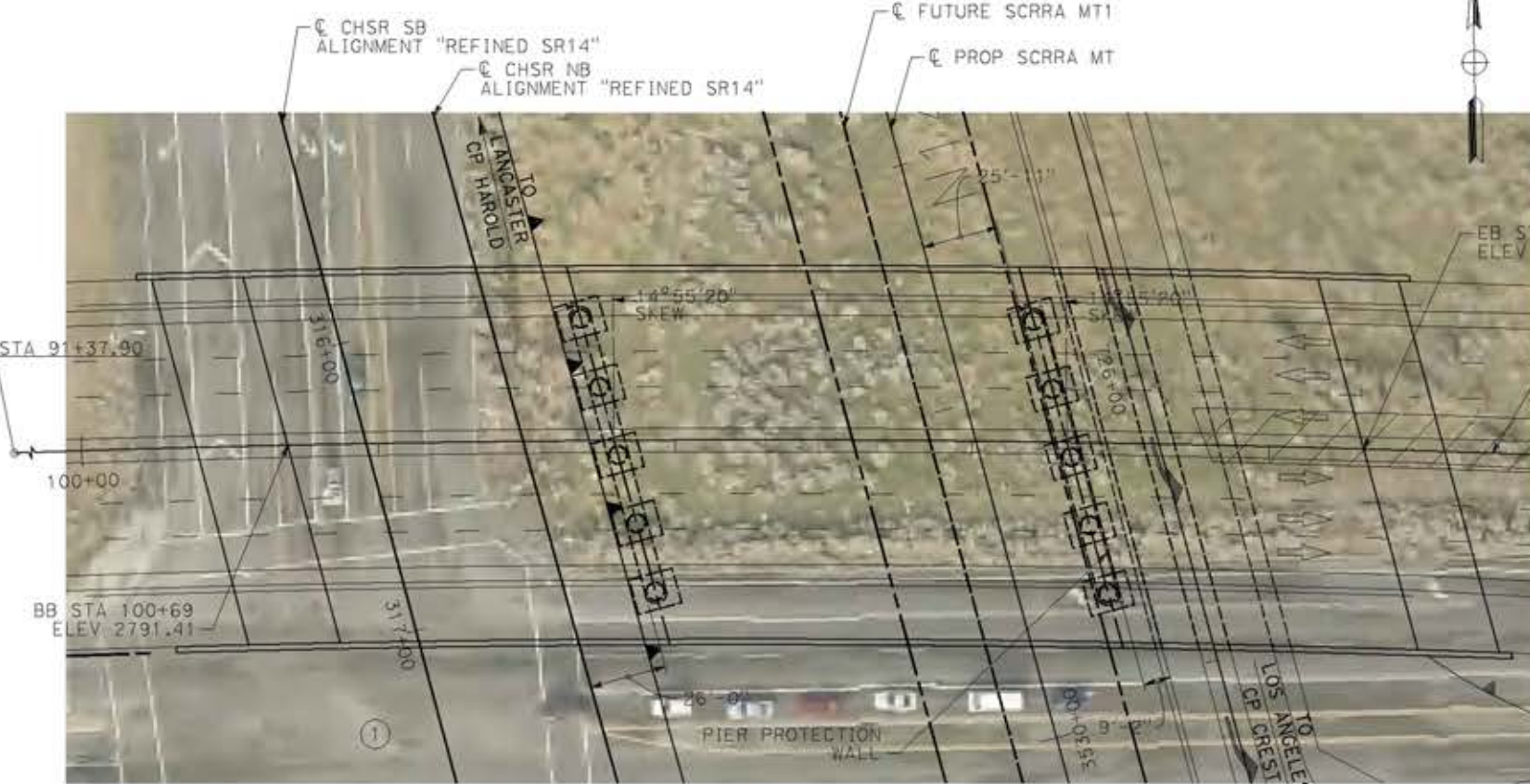
PROFILE GRADE
NO SCALE



ELEVATION
SCALE: 1" = 30'



TYPICAL SECTION
SCALE: 1" = 10'



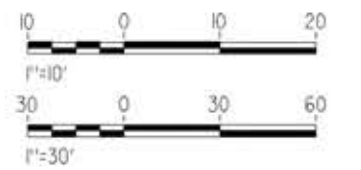
PLAN
SCALE: 1" = 30'

LEGEND:

- INDICATES BRIDGE REMOVAL PORTION
- STRUCTURE APPROACH SLAB TYPE N(30S)
- INDICATES NEW CONSTRUCTION
- INDICATES FOUNDATION OR HIDDEN LINES
- MINIMUM VERTICAL CLEARANCE
- INDICATES DIRECTION OF TRAFFIC

NOTES:

SEE GENERAL NOTES PLAN



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14/05/2021 9:29:09

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELAÑO

DATE
04/30/2021

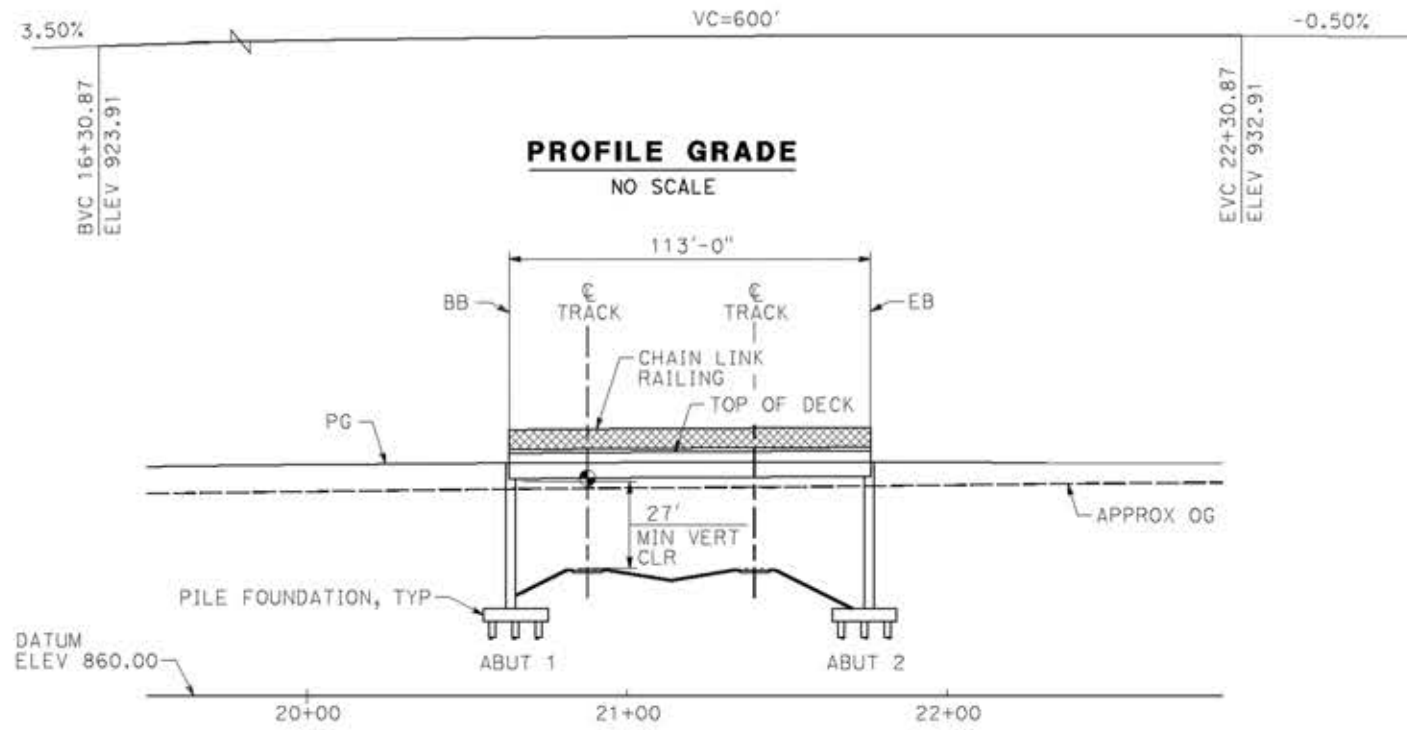
PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION

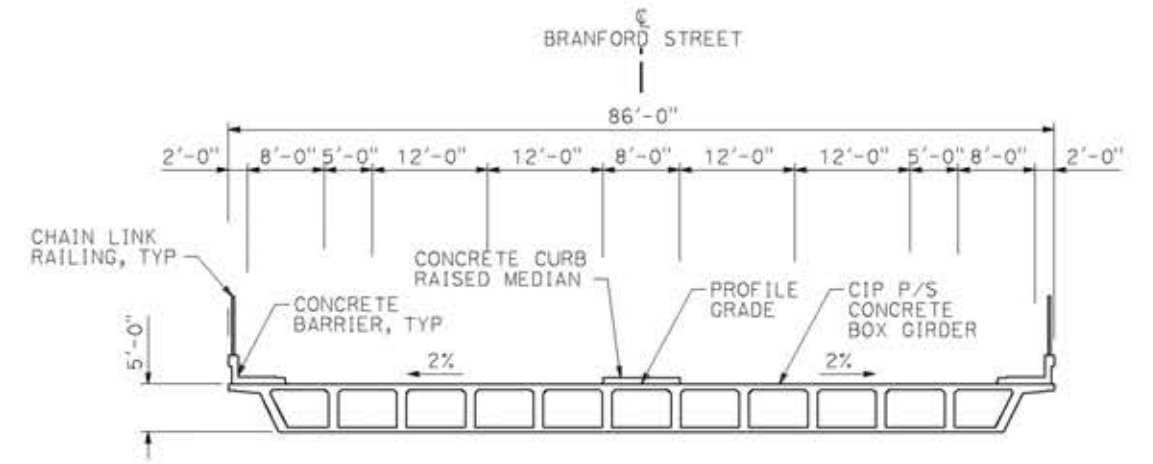


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
AVENUE S OVERHEAD
GENERAL PLAN

CONTRACT NO. HSR14-42
DRAWING NO. ST-J1405-S14
SCALE AS SHOWN
SHEET NO.



ELEVATION
SCALE: 1" = 30'



TYPICAL SECTION
SCALE: 1" = 10'



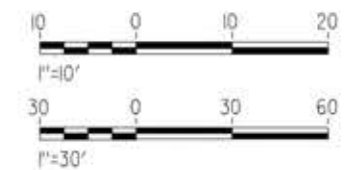
PLAN
SCALE: 1" = 30'

LEGEND:

- INDICATES BRIDGE REMOVAL PORTION
- STRUCTURE APPROACH SLAB TYPE N(30S)
- INDICATES NEW CONSTRUCTION
- INDICATES FOUNDATION OR HIDDEN LINES
- MINIMUM VERTICAL CLEARANCE
- INDICATES DIRECTION OF TRAFFIC

NOTE:

SEE GENERAL NOTES PLAN



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14/05/2021 9:32:53

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELAÑO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



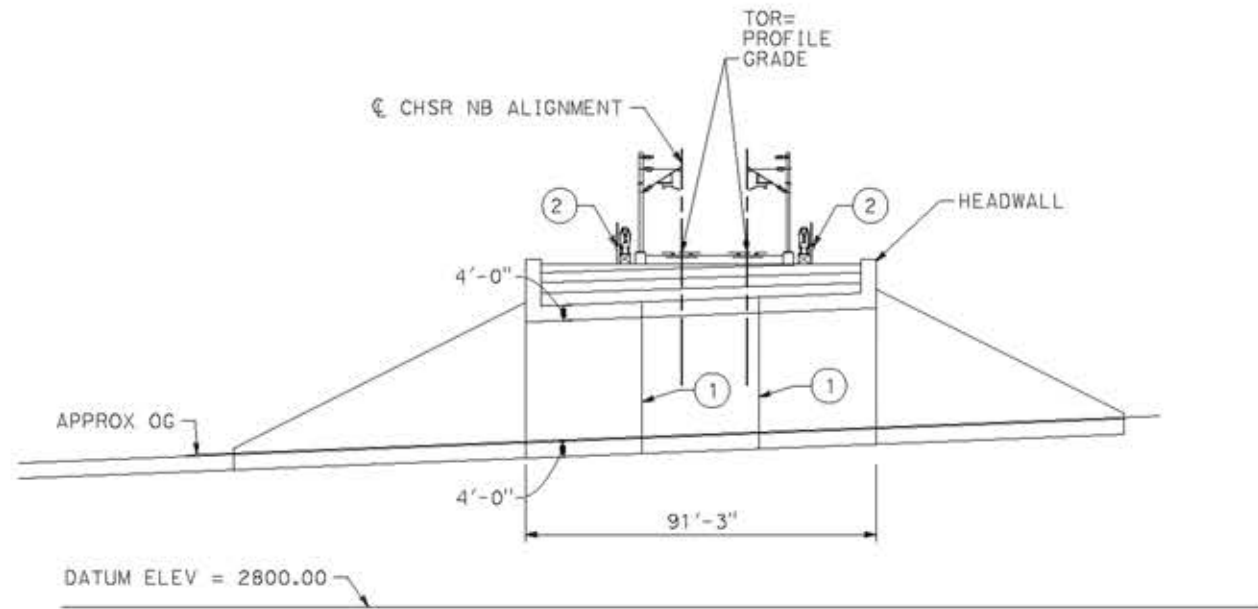
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "REFINED SR14"
BRANFORD STREET OVERHEAD
GENERAL PLAN

CONTRACT NO.
HSR14-42

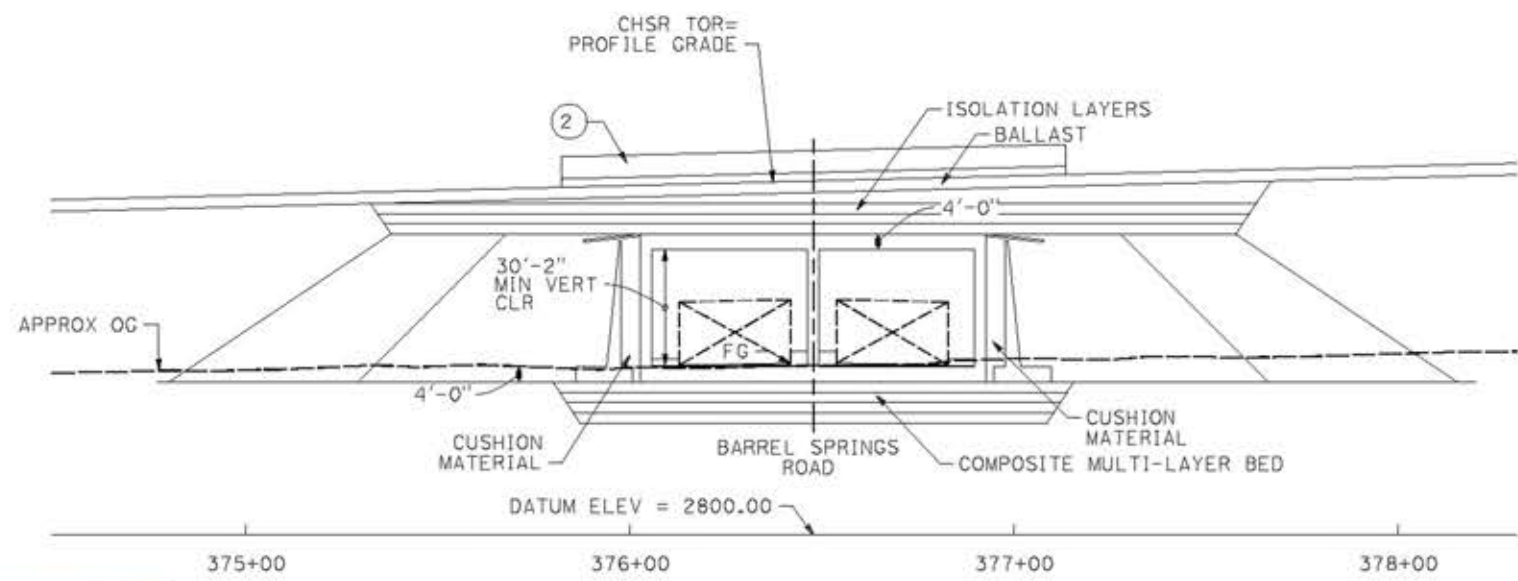
DRAWING NO.
ST-J1406-S14

SCALE
AS SHOWN

SHEET NO.



TYPICAL SECTION
SCALE: 1"=25'



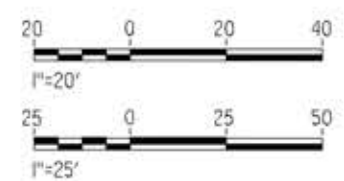
LOOKING EAST
SCALE: 1"=25'



PLAN
SCALE: 1"=25'

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



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14/05/2021 9:48:03

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLOTOS
IN CHARGE
A.RELAÑO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION

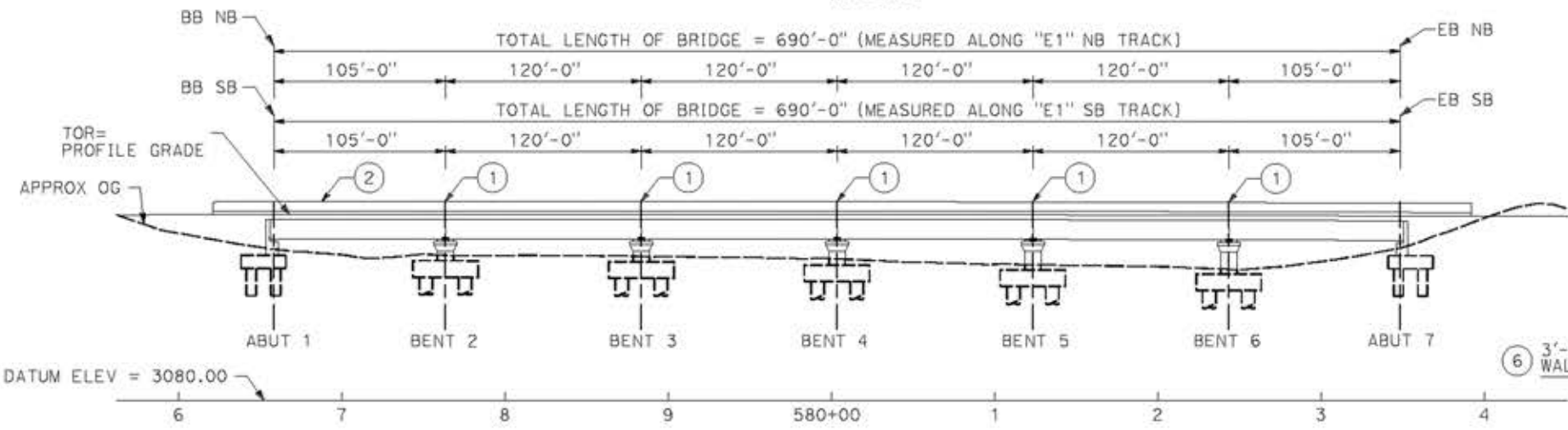


CALIFORNIA HIGH-SPEED RAIL PROJECT		CONTRACT NO. HSR14-42
PALMDALE TO BURBANK		DRAWING NO. ST-J1008-E1
ALIGNMENT "E1"		SCALE AS SHOWN
BARREL SPRINGS ROAD UNDERPASS		SHEET NO.
GENERAL PLAN		



PROFILE GRADE

NO SCALE



ELEVATION

SCALE: 1"=50'

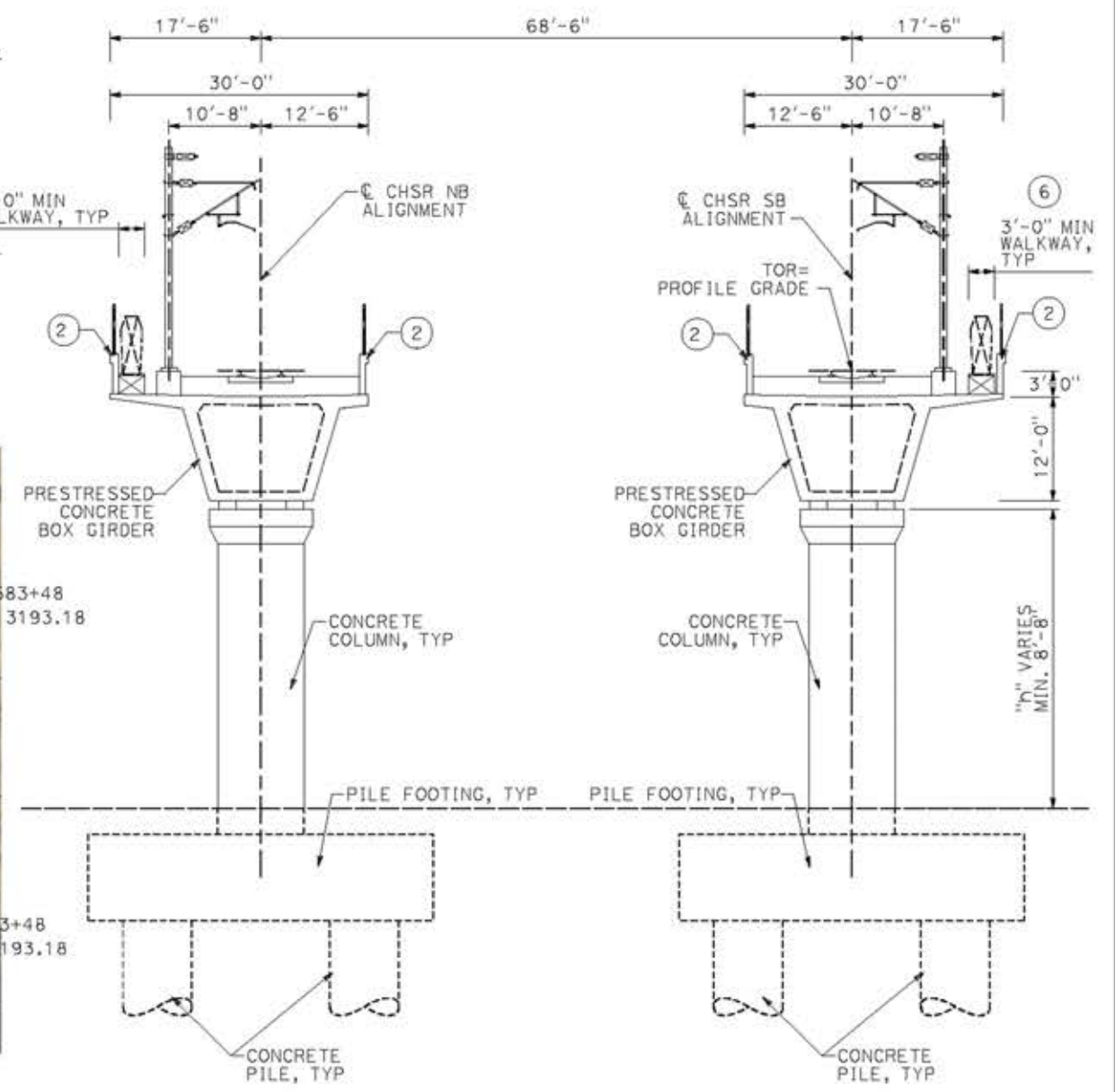


PLAN

SCALE: 1"=50'

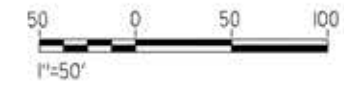
NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

- LEGEND:
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



TYPICAL SECTION

SCALE: 1"=10'



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0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELAÑO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
NORTH OF FORESTON DRIVE VIADUCT
GENERAL PLAN

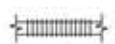
CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1009-E1

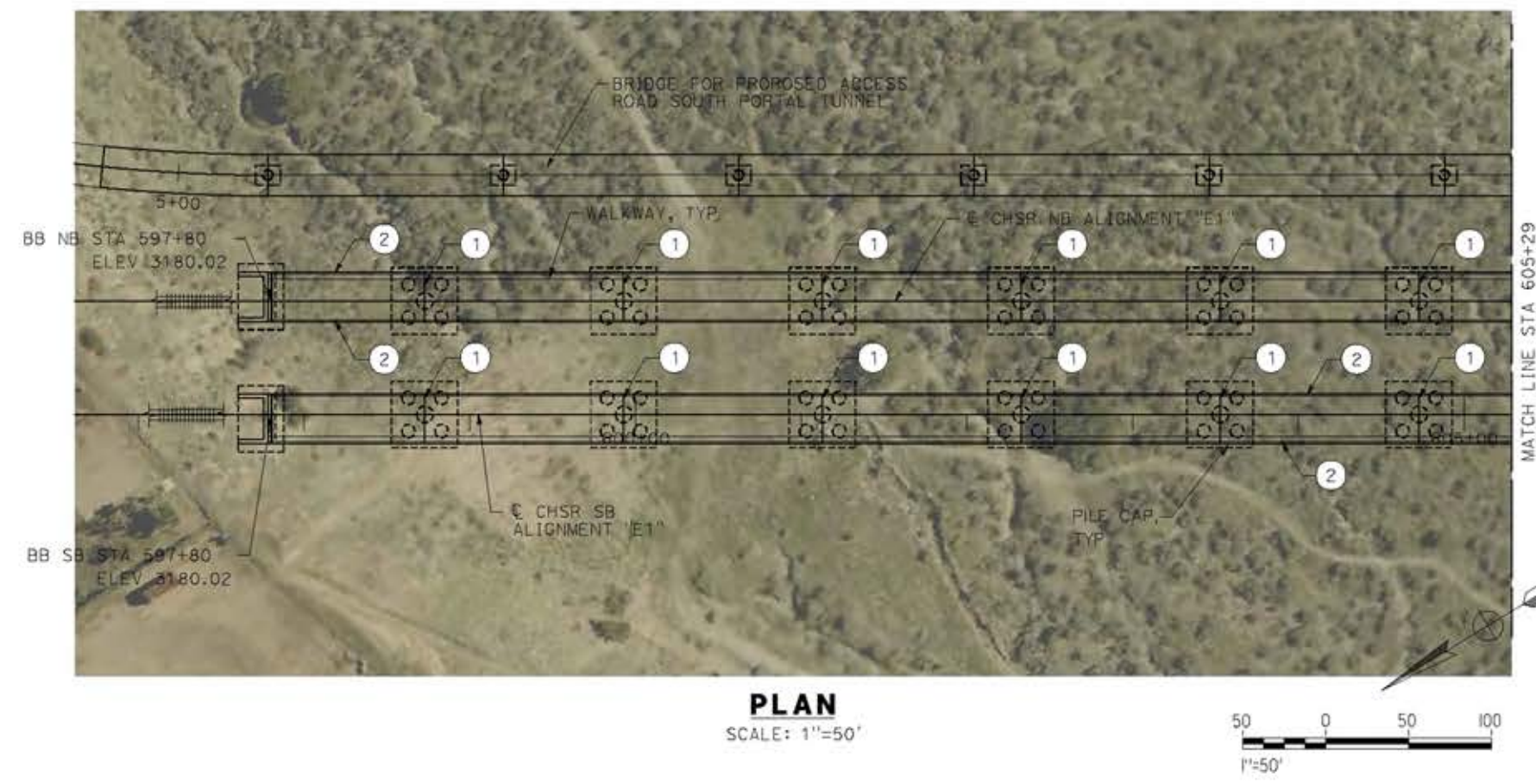
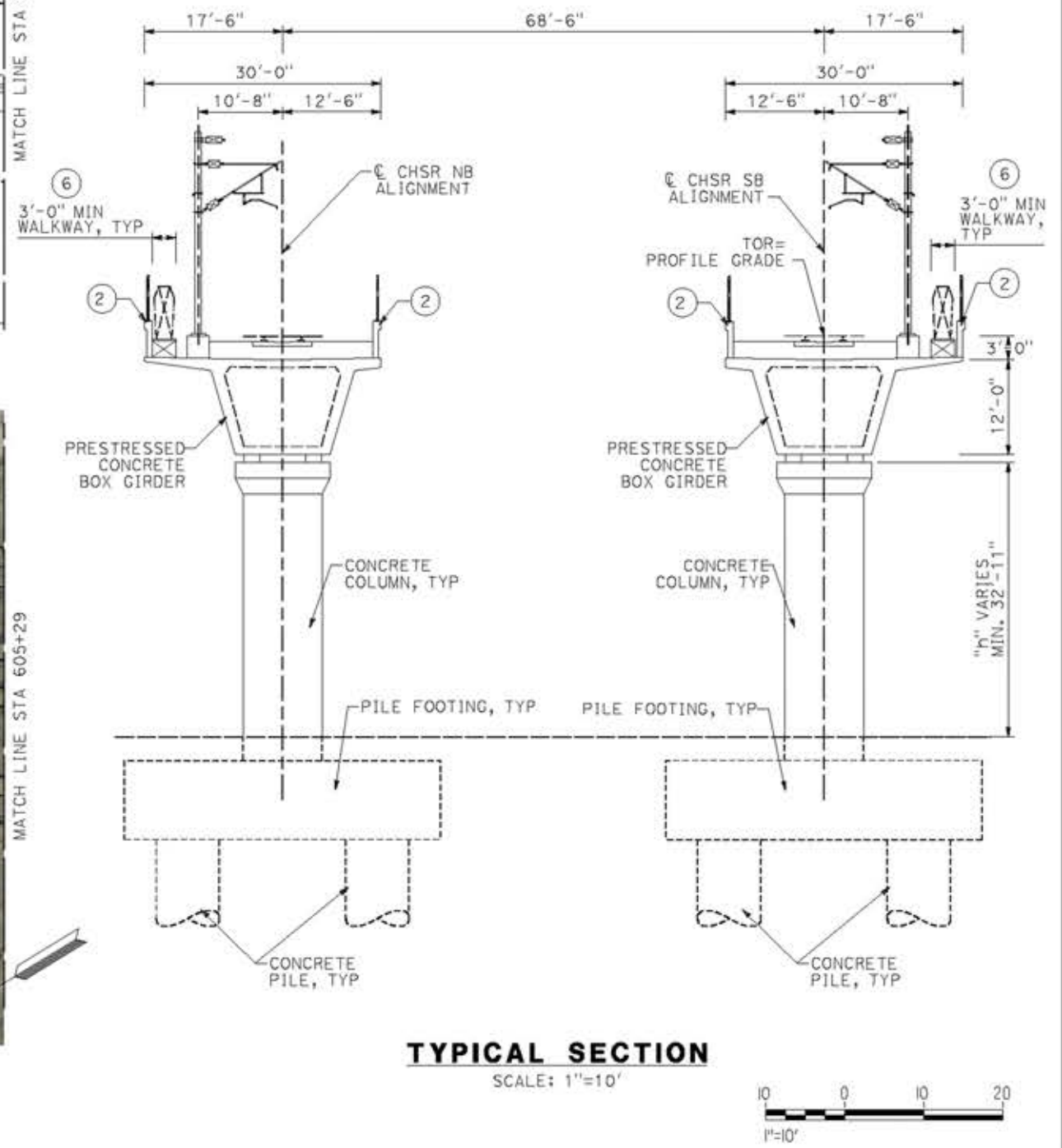
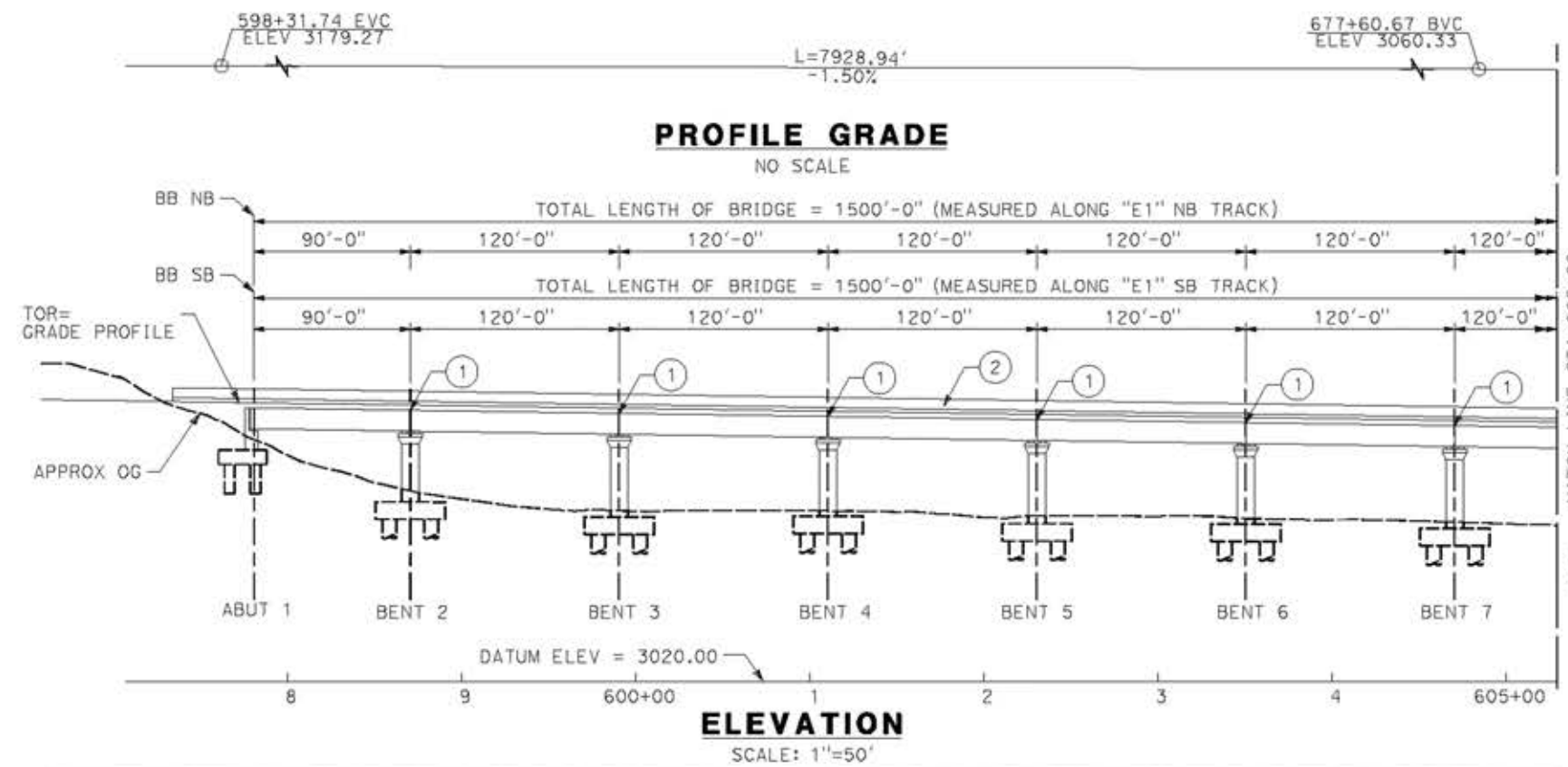
SCALE
AS SHOWN

SHEET NO.

LEGEND:

-  INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
- ① EXPANSION JOINT, TYP
- ② CONCRETE BARRIER
- ③ GUARDRAIL OR PIER PROTECTION WALL
- ④ NORMALIZING SLAB
- ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
- ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

NOTE:
 ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



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18/05/2021 23:02:38

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELAÑO

DATE
04/30/2021

PEPD RECORD SET
 REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 SOUTH OF FORESTON DRIVE VIADUCT
 GENERAL PLAN
 SHEET 1 OF 2

CONTRACT NO.
HSR14-42

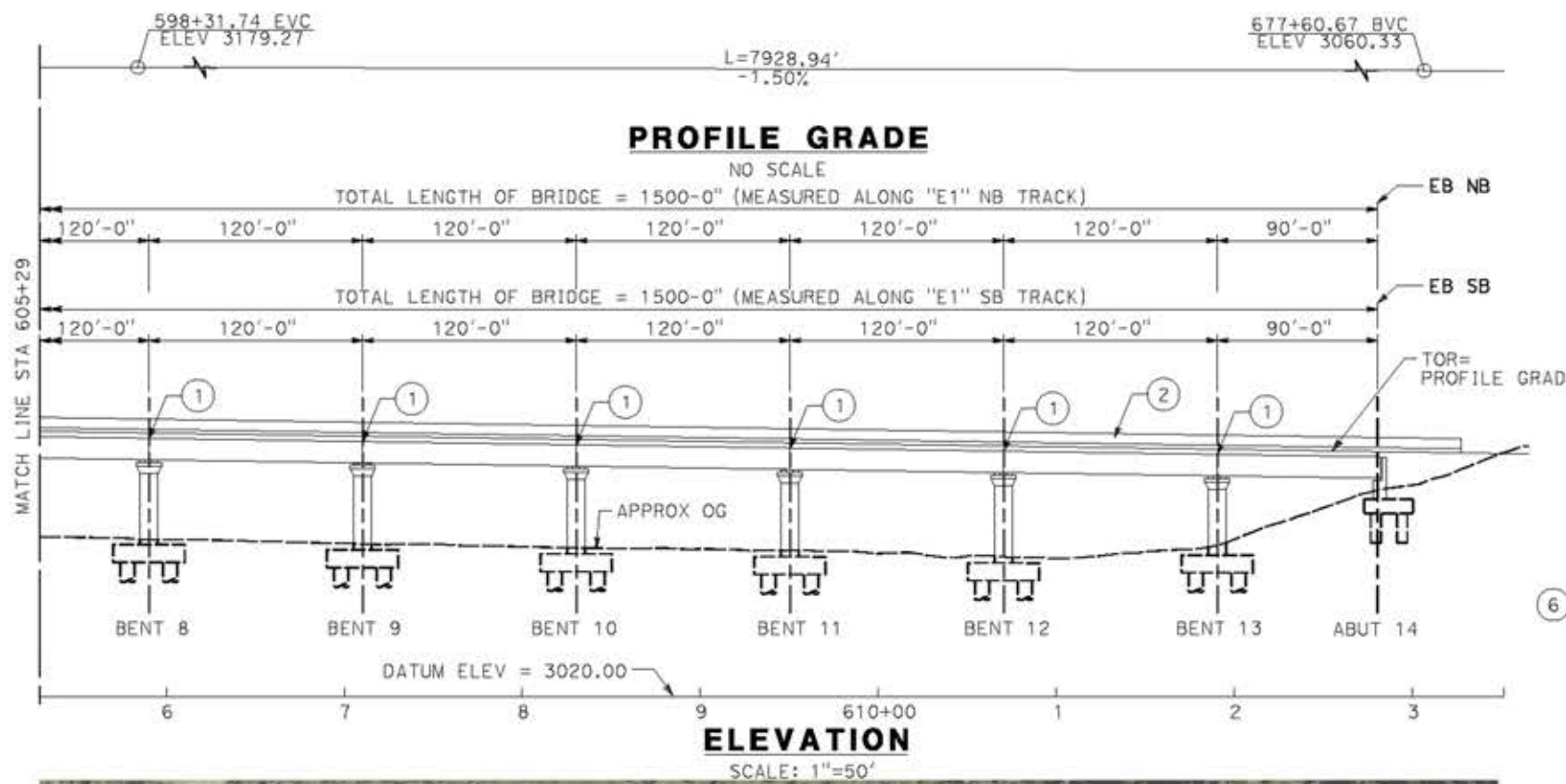
DRAWING NO.
ST-J1010-E1

SCALE
AS SHOWN

SHEET NO.

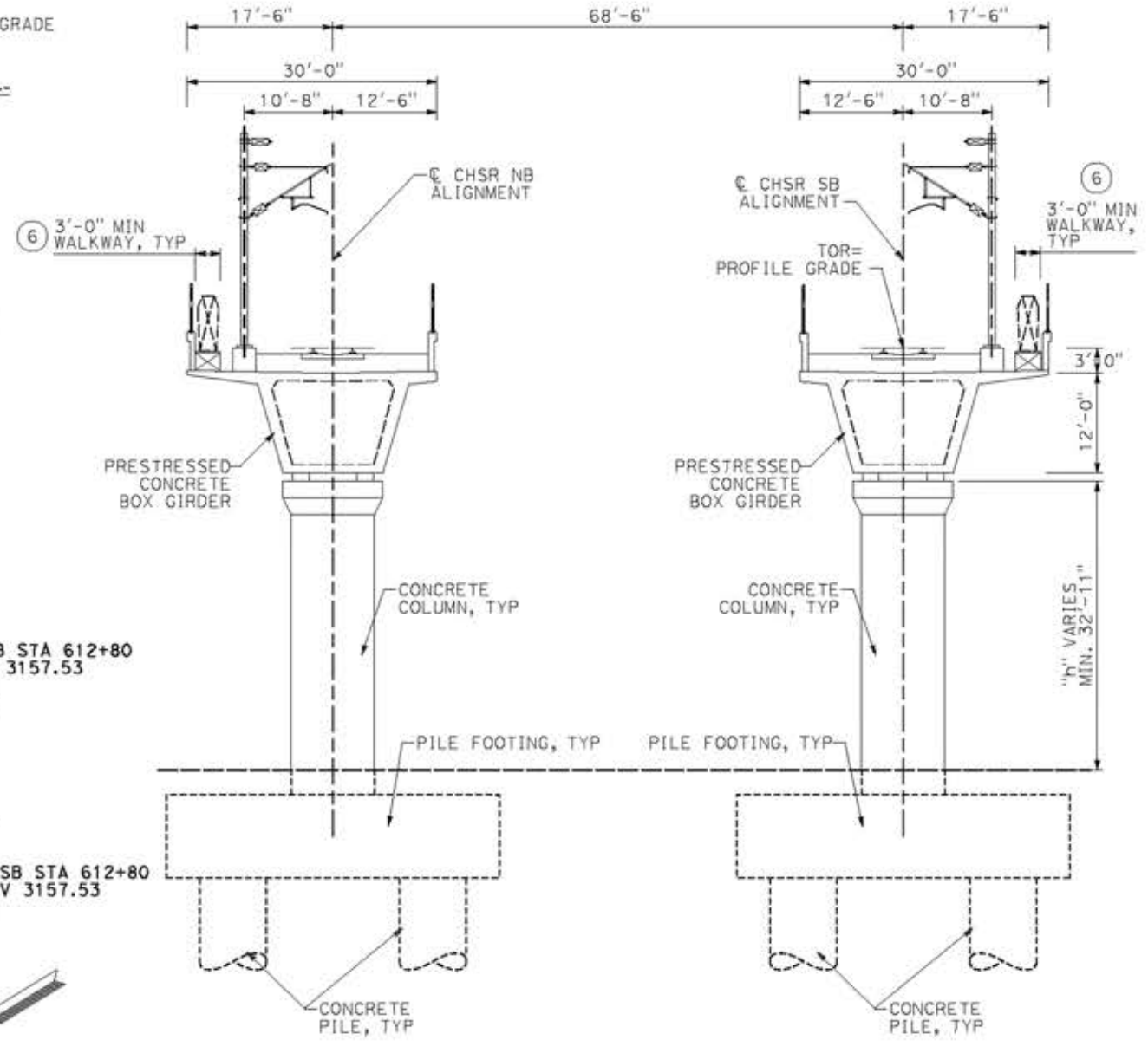
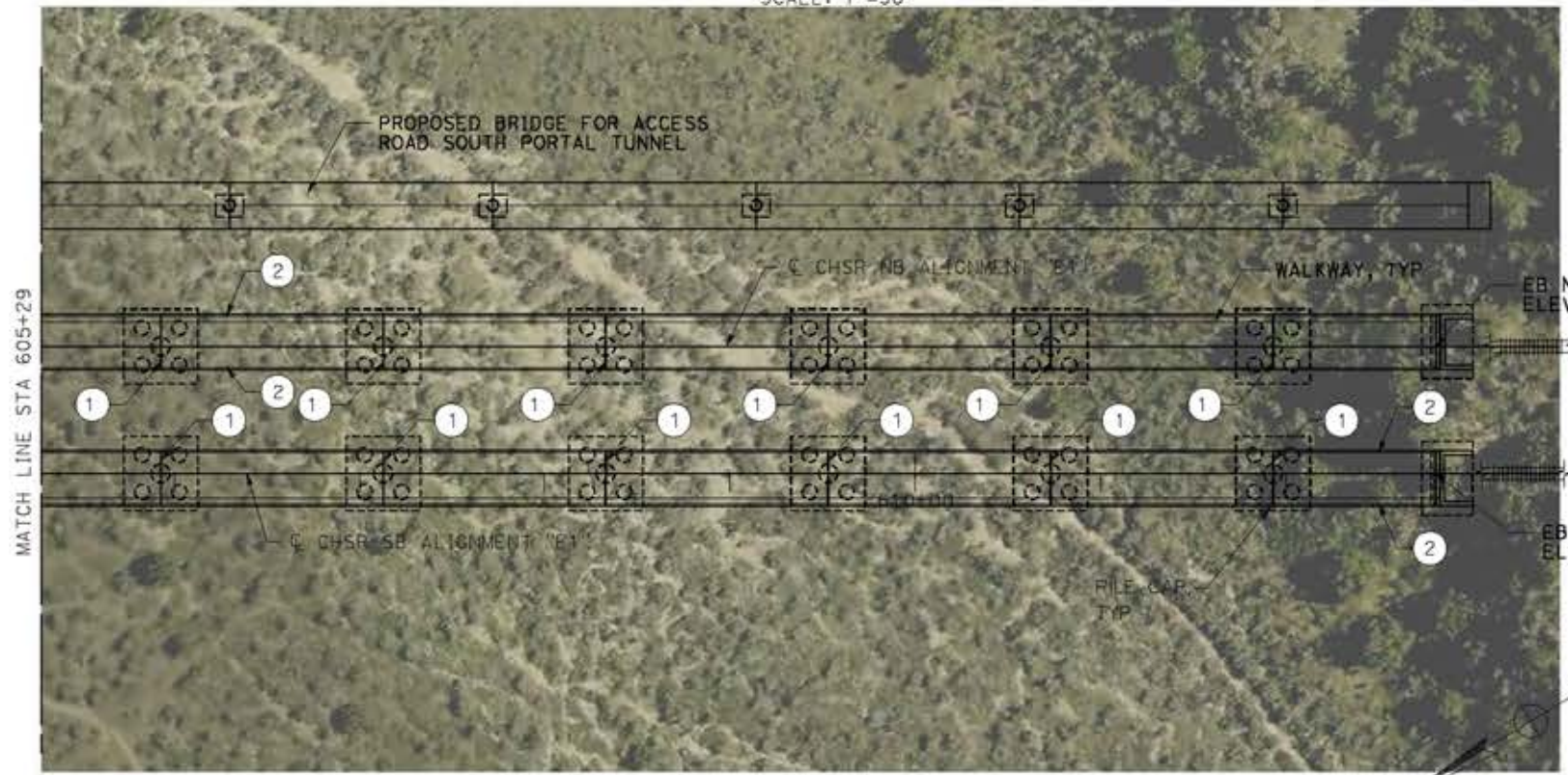
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18/05/2021 23:02:56



NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. MOLINA

DRAWN BY
J. LOPEZ

CHECKED BY
J. REVOLTOS

IN CHARGE
A. RELAÑO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK

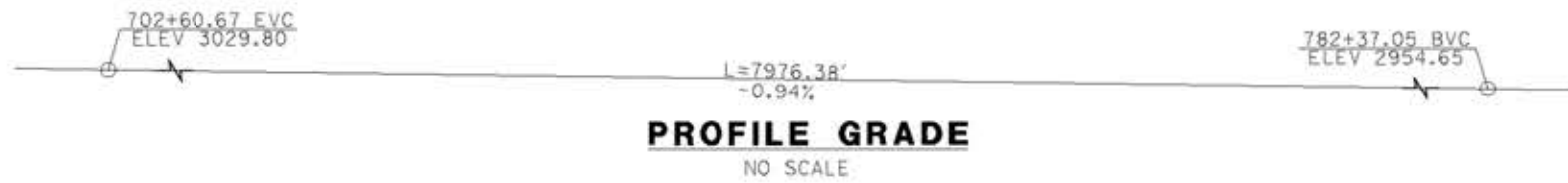
ALIGNMENT "E1"
SOUTH OF FORESTON DRIVE VIADUCT
GENERAL PLAN
SHEET 2 OF 2

CONTRACT NO.
HSR14-42

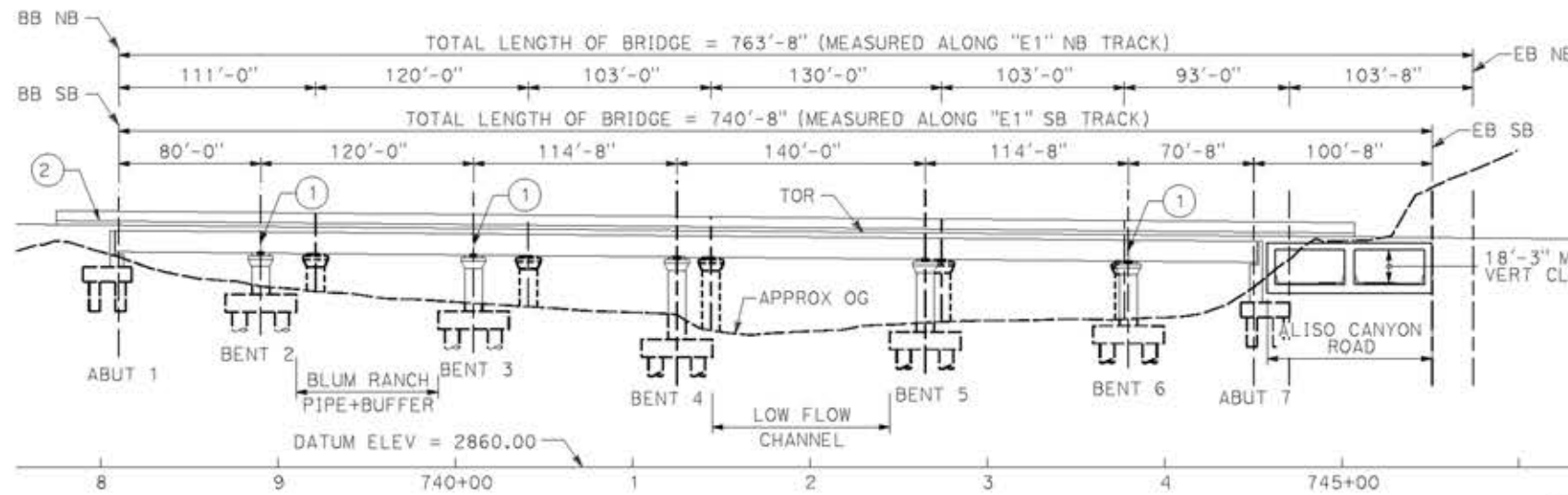
DRAWING NO.
ST-J1011-E1

SCALE
AS SHOWN

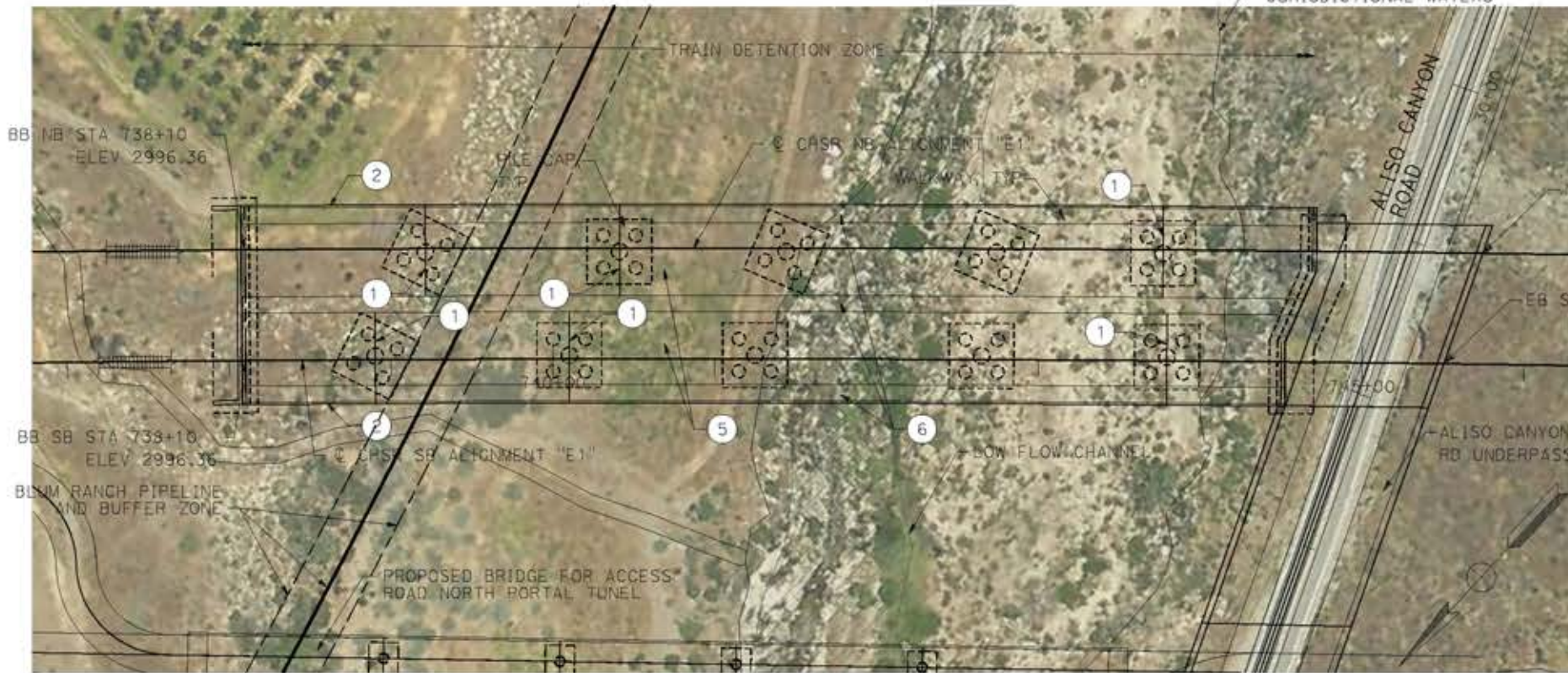
SHEET NO.



PROFILE GRADE
NO SCALE

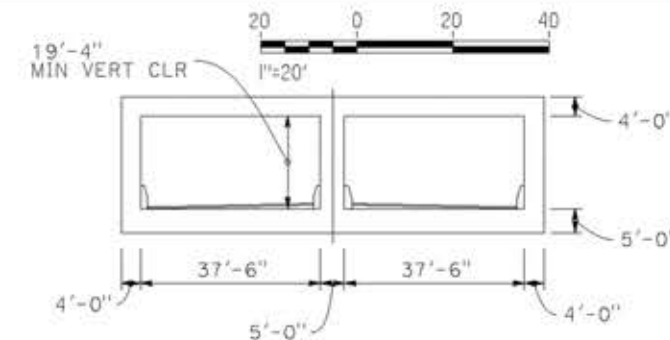


ELEVATION
SCALE: 1"=50'



PLAN

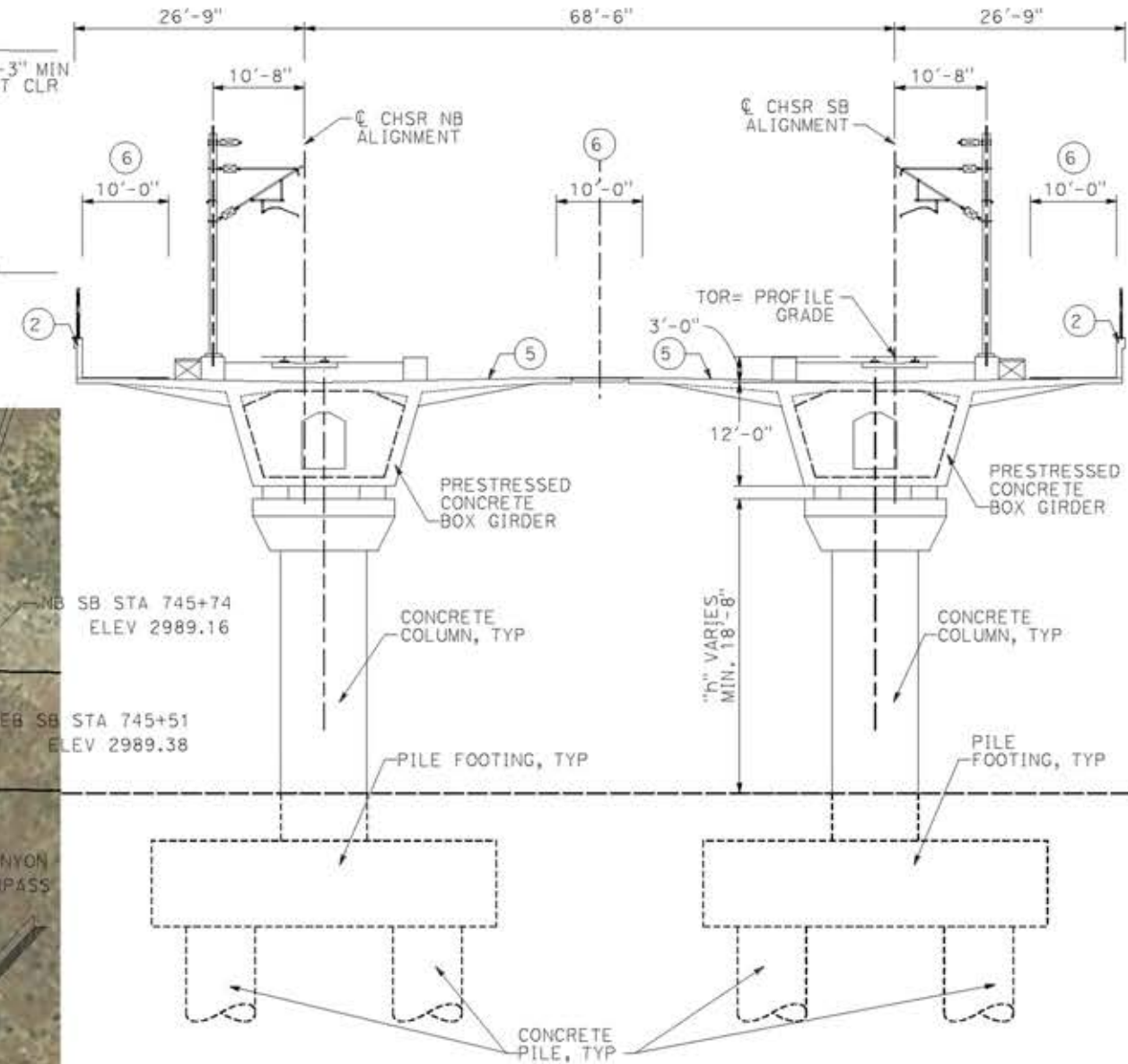
SCALE: 1"=50'



TYPICAL SECTION UNDERPASS

SCALE: 1"=20'

- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



TYPICAL SECTION

SCALE: 1"=10'

NOTE: SEE GENERAL NOTES PLAN

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14/05/2021 9:51:16

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. MOLINA

DRAWN BY
J. LOPEZ

CHECKED BY
J. REVOLTOS

IN CHARGE
A. RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



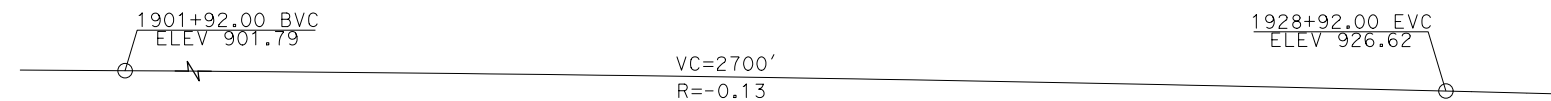
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ALISO CANYON VIADUCT
GENERAL PLAN

CONTRACT NO.
HSR14-42

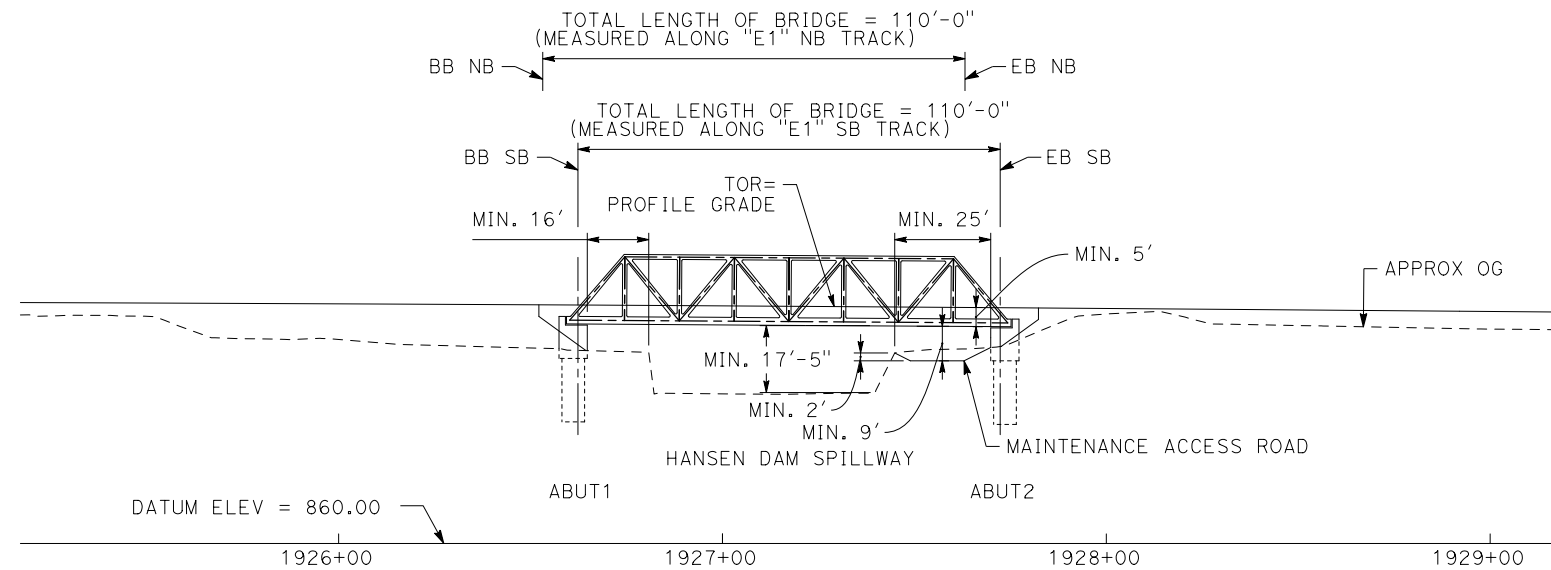
DRAWING NO.
ST-J1012-E1

SCALE
AS SHOWN

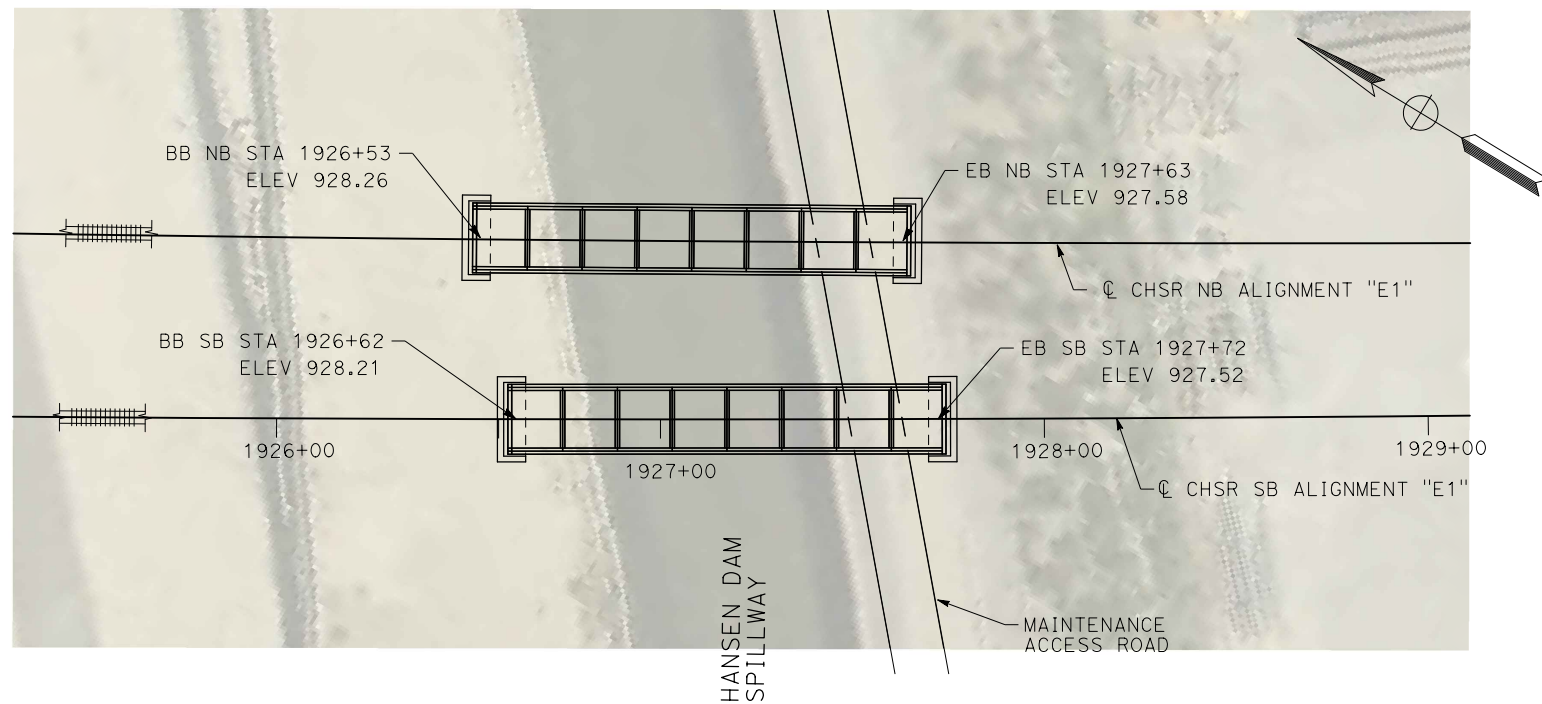
SHEET NO.



PROFILE GRADE
NO SCALE



ELEVATION
SCALE: 1"=25'



PLAN
SCALE: 1"=25'

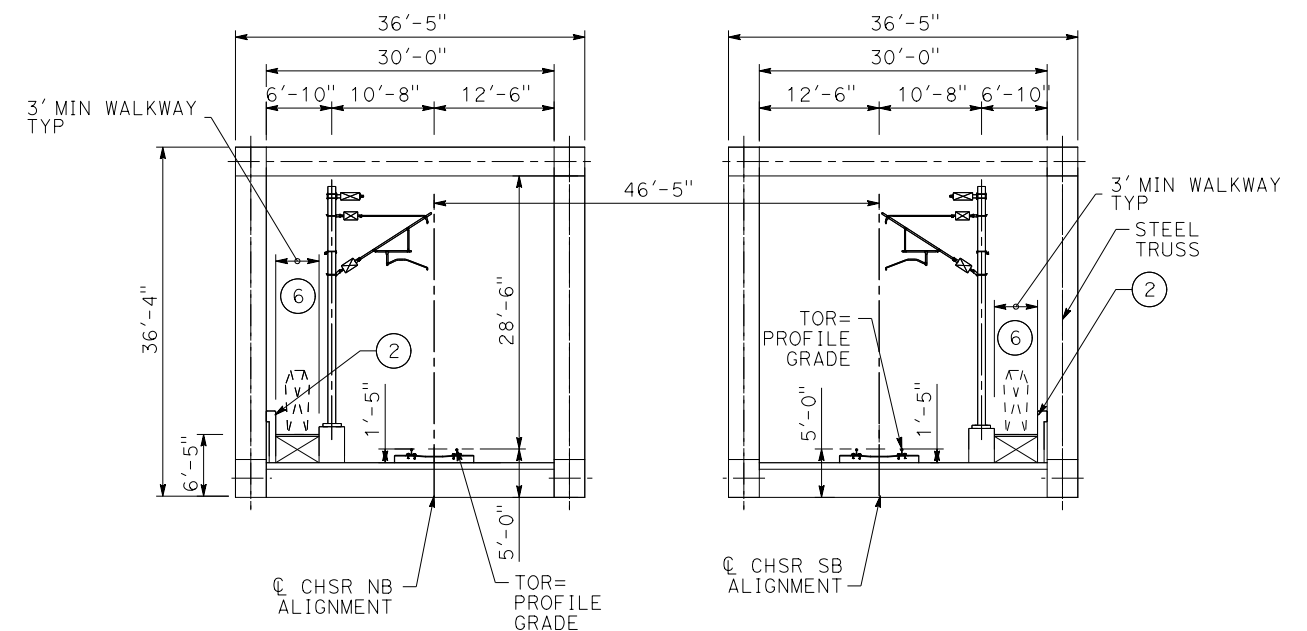
NOTES:

ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT. ALL STATIONS ARE REFERRED TO SOUTHBOUND (SB) TRACK SLAB TRACK ON THE VIADUCT.

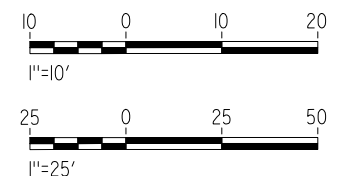
STRUCTURE INTERSECTS HANSEN DAM SPILLWAY AT APPROXIMATELY STA 443+72.77 OF THE CHANNEL BASED ON USACE UPPER LOS ANGELES AND TUJUNGA WASH HEC-RAS HYDRAULIC MODELS FINAL REPORT DATED JULY 2005.

LEGEND:

- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
- ① EXPANSION JOINT, TYP
- ② CONCRETE BARRIER
- ③ GUARDRAIL OR PIER PROTECTION WALL
- ④ NORMALIZING SLAB
- ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
- ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



TYPICAL SECTION
SCALE: 1"=10'



c:\pwworking\chsr\dms19616\pb-st-j1013-e1.dgn

12/22/2023 1:58:24 PM

0400091

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. MOLINA
DRAWN BY J. LOPEZ
CHECKED BY I. LAQUIDAIN
IN CHARGE A. RELANO
DATE 12/22/2023

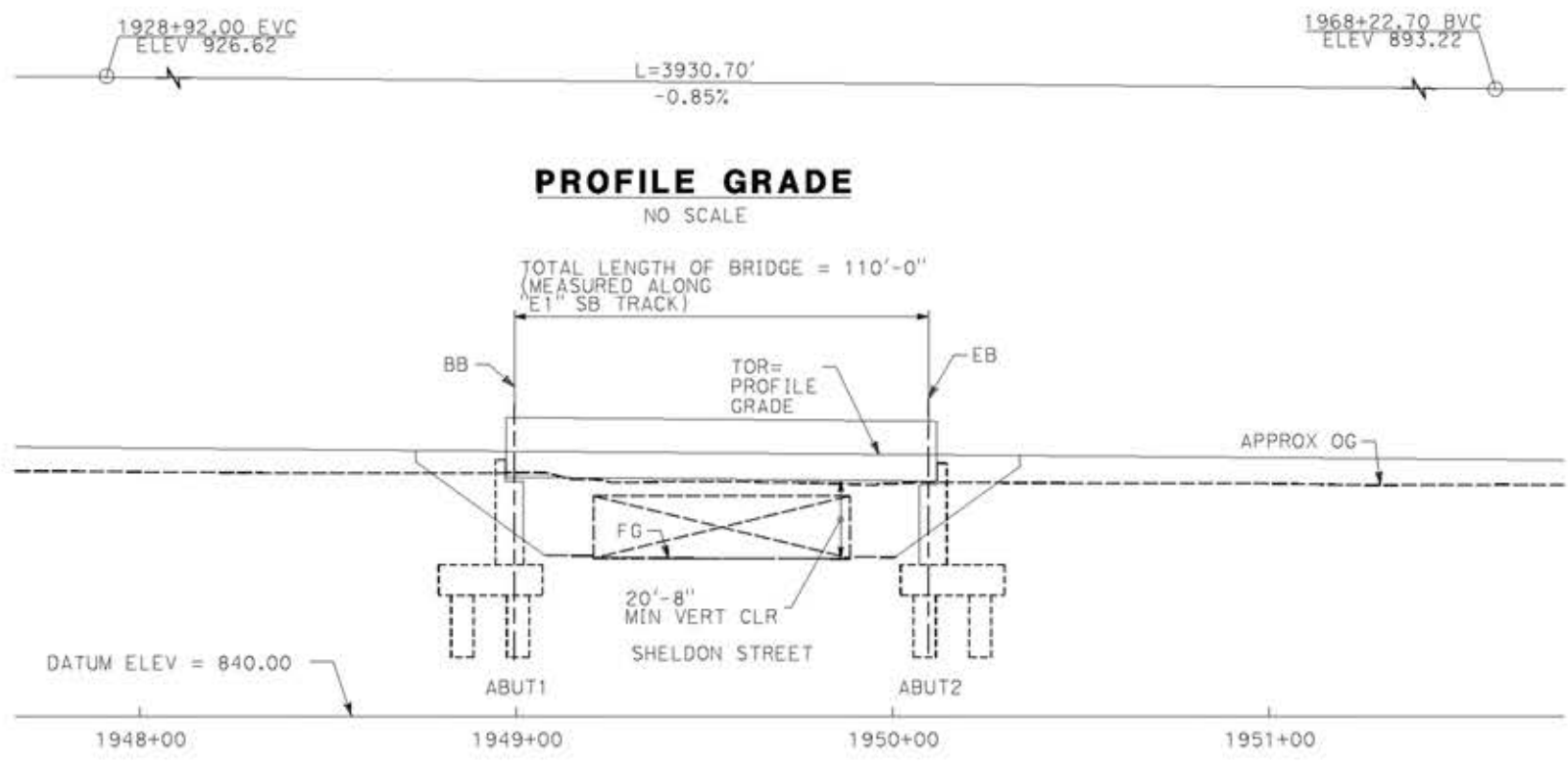
PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
HANSEN DAM SPILLWAY VIADUCT
GENERAL PLAN

CONTRACT NO. HSR14-42
DRAWING NO. ST-J1013-E1
SCALE AS SHOWN
SHEET NO.

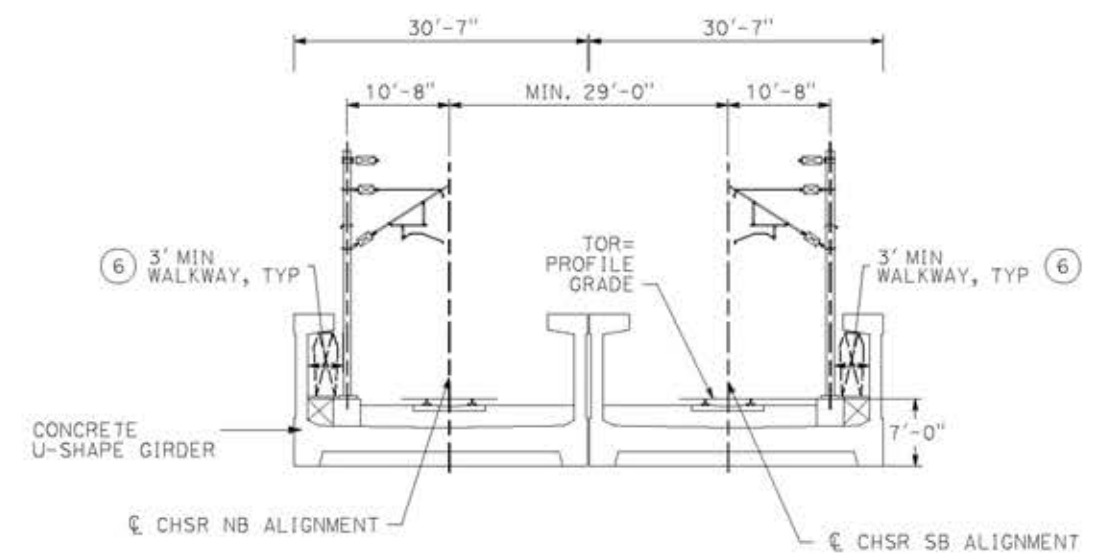


PROFILE GRADE
NO SCALE

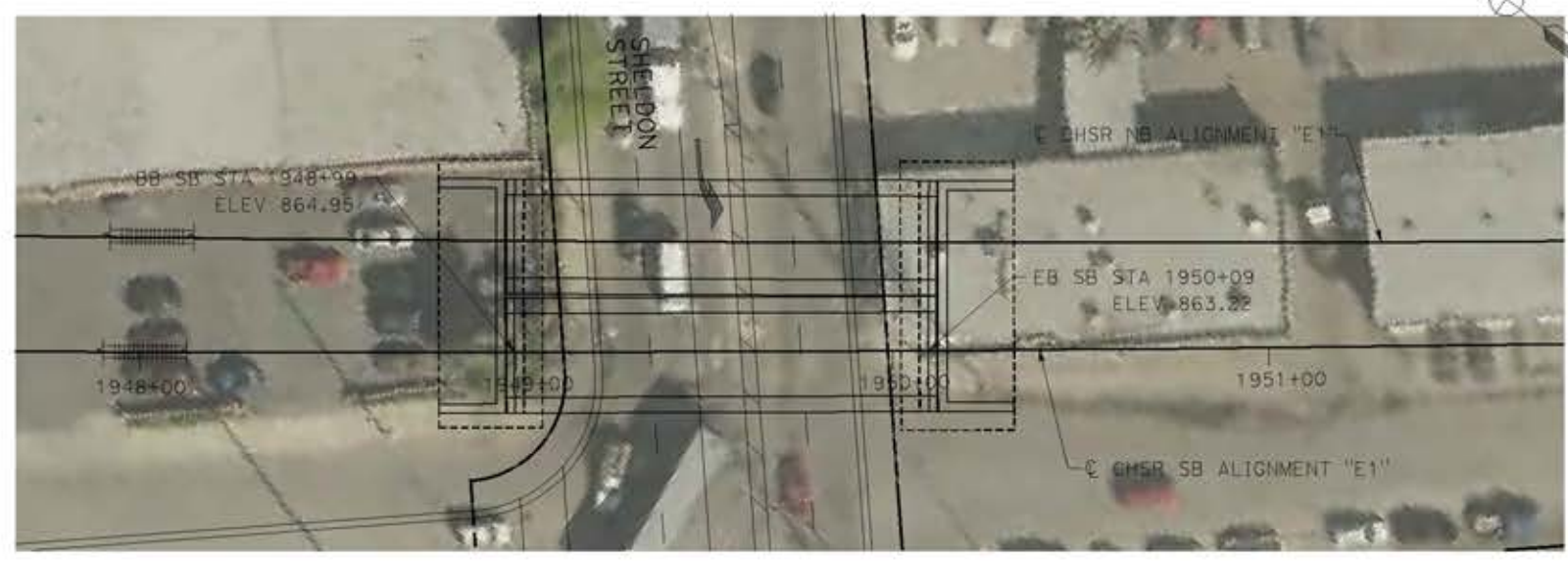
ELEVATION
SCALE: 1"=25'

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

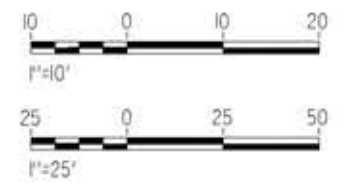
- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER GUARDRAIL OR PIER PROTECTION WALL
 - ③ NORMALIZING SLAB
 - ④ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑤ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



TYPICAL SECTION
SCALE: 1"=10'



PLAN
SCALE: 1"=25'



c:\pwork\ingdir\sener-us-pw\ent\ey.com_sener-us-pw-01\ignocio.vergara\dms19616\pb-51-J1014-E1.dgn

14/05/2021 9:51:58

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION

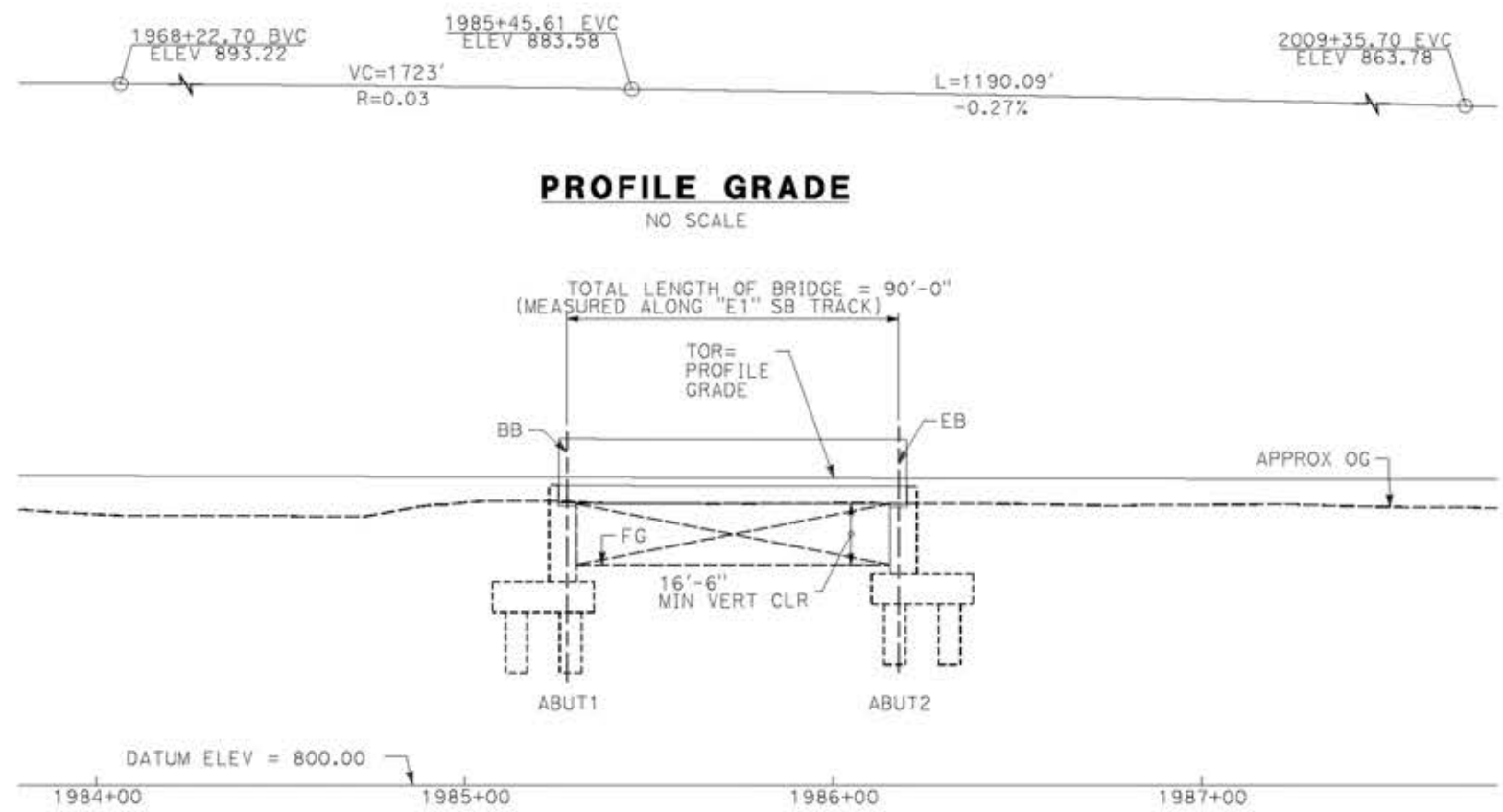


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
SHELDON STREET VIADUCT
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1014-E1
SCALE
AS SHOWN
SHEET NO.

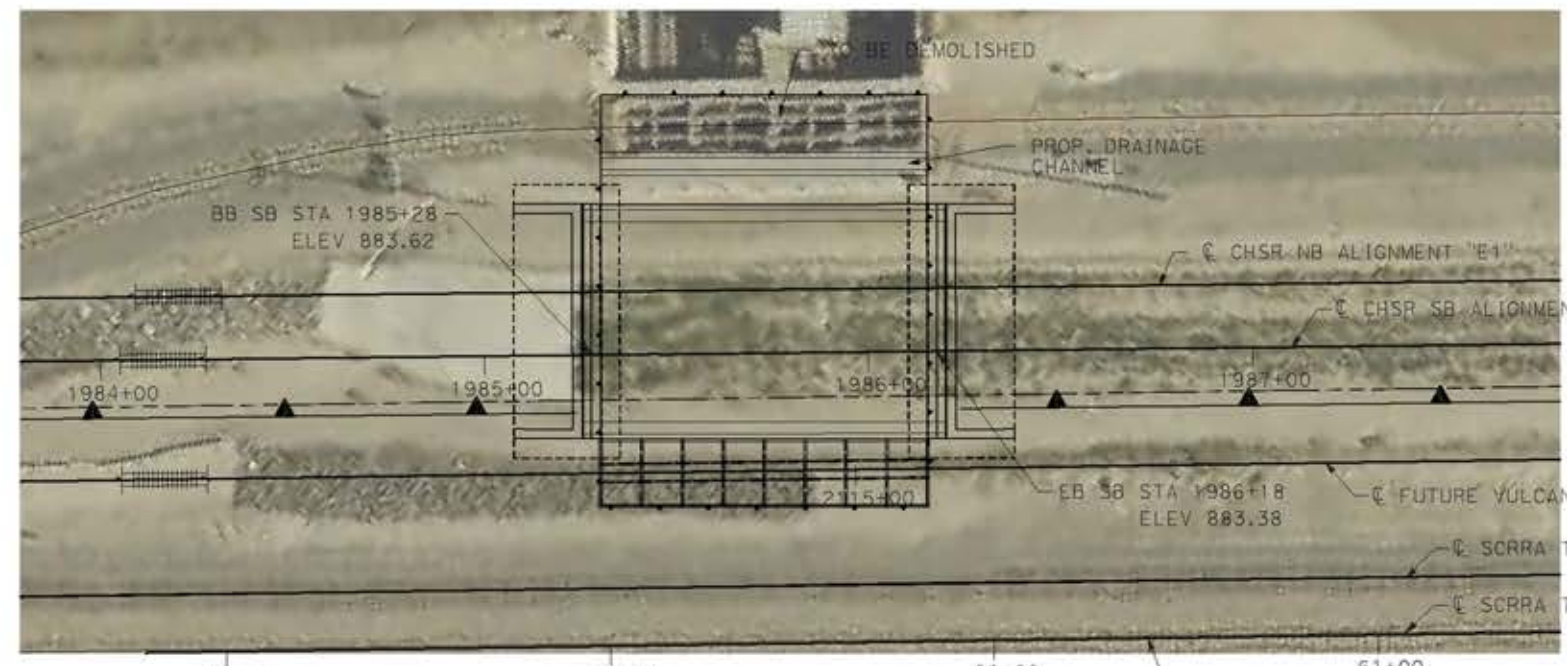
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14/05/2021 9:52:15
0204814



PROFILE GRADE
NO SCALE

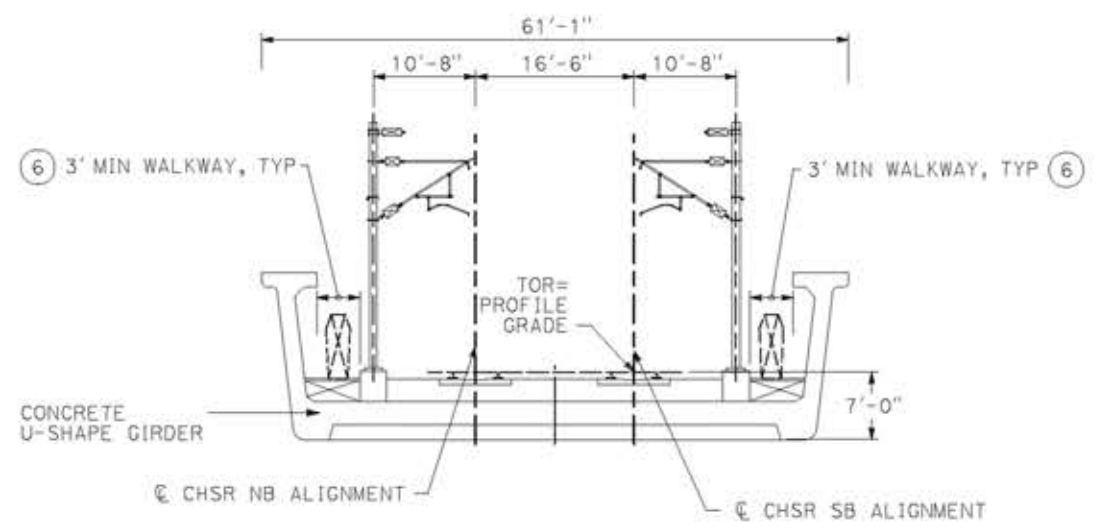
ELEVATION
SCALE: 1"=25'



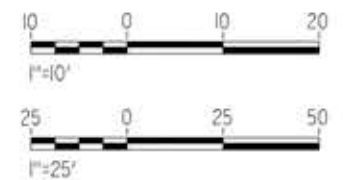
PLAN
SCALE: 1"=25'

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER GUARDRAIL OR PIER PROTECTION WALL
 - ③ NORMALIZING SLAB
 - ④ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑤ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



TYPICAL SECTION
SCALE: 1"=10'



REV	DATE	BY	CHK	APP	DESCRIPTION

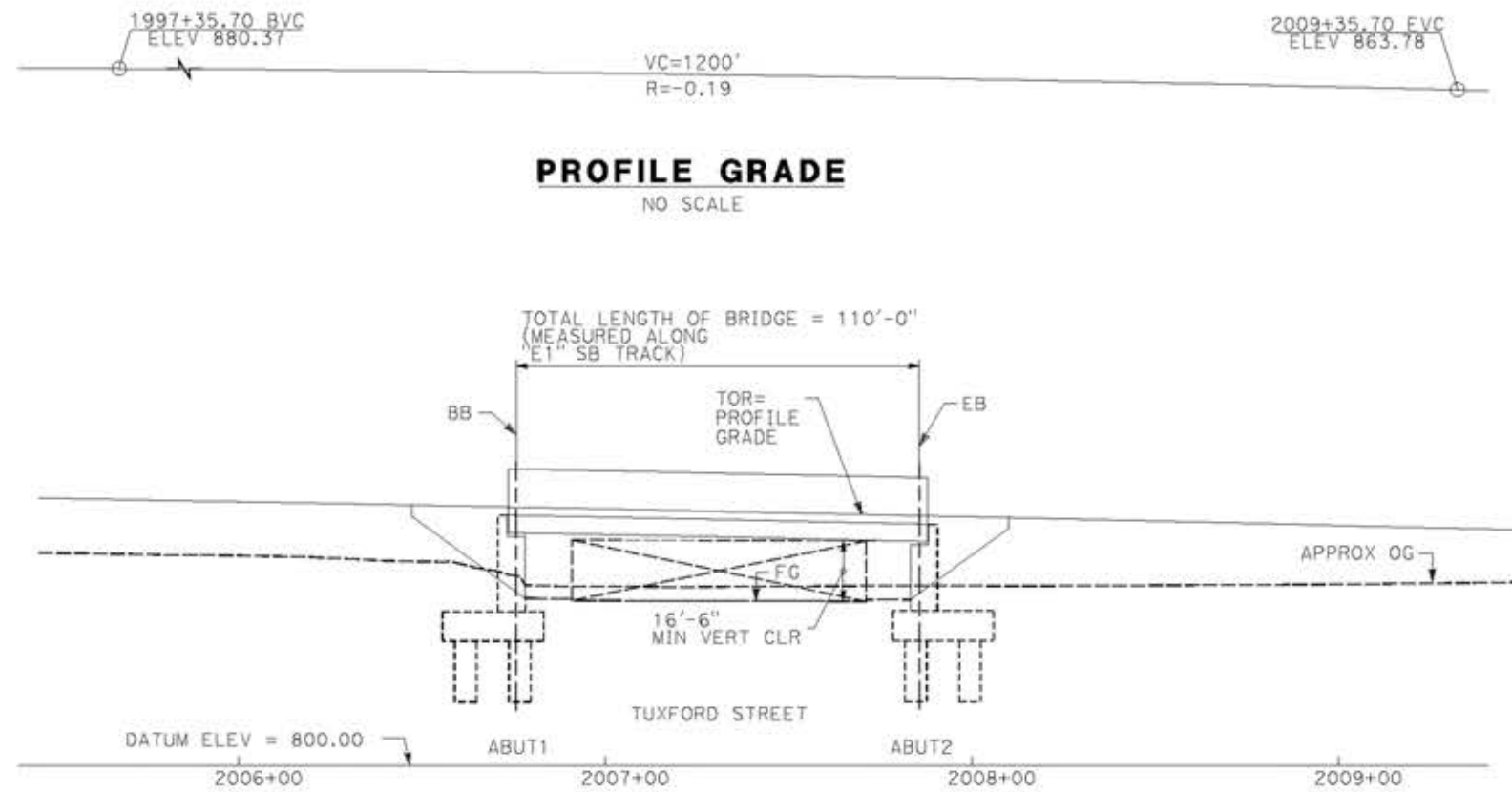
DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELARO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
VULCAN MINE HOPPER VIADUCT
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1015-E1
SCALE
AS SHOWN
SHEET NO.

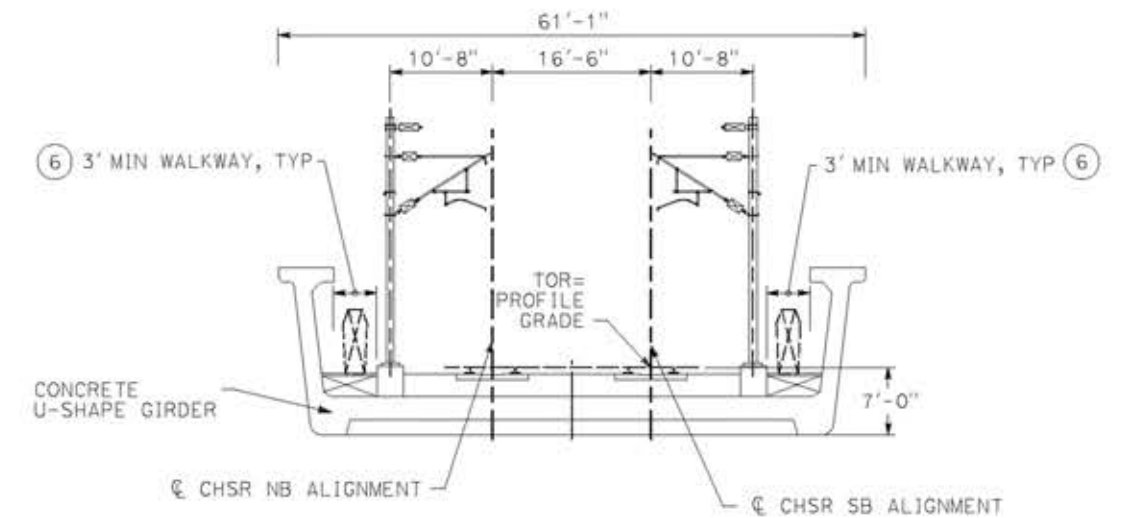


PROFILE GRADE
NO SCALE

ELEVATION
SCALE: 1"=25'

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

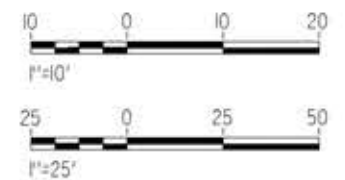
- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER GUARDRAIL OR PIER PROTECTION WALL
 - ③ NORMALIZING SLAB
 - ④ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑤ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY
 - ⑥



TYPICAL SECTION
SCALE: 1"=10'



PLAN
SCALE: 1"=25'



c:\pwork\ingdir\sener-us-pw\ben\ley.com_sener-us-pw-01\ignocio\vergara\dms19616\pg-51-J1016-E1.dgn

14/05/2021 9:52:34

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



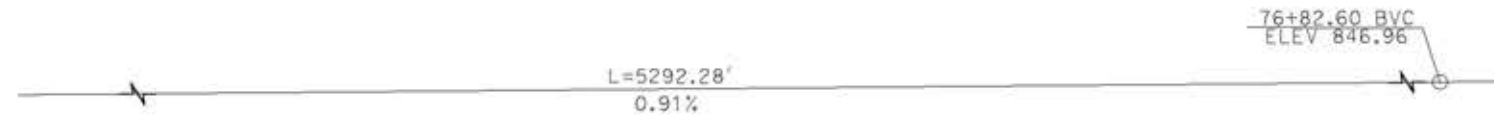
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
TUXFORD STREET VIADUCT
GENERAL PLAN

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1016-E1

SCALE
AS SHOWN

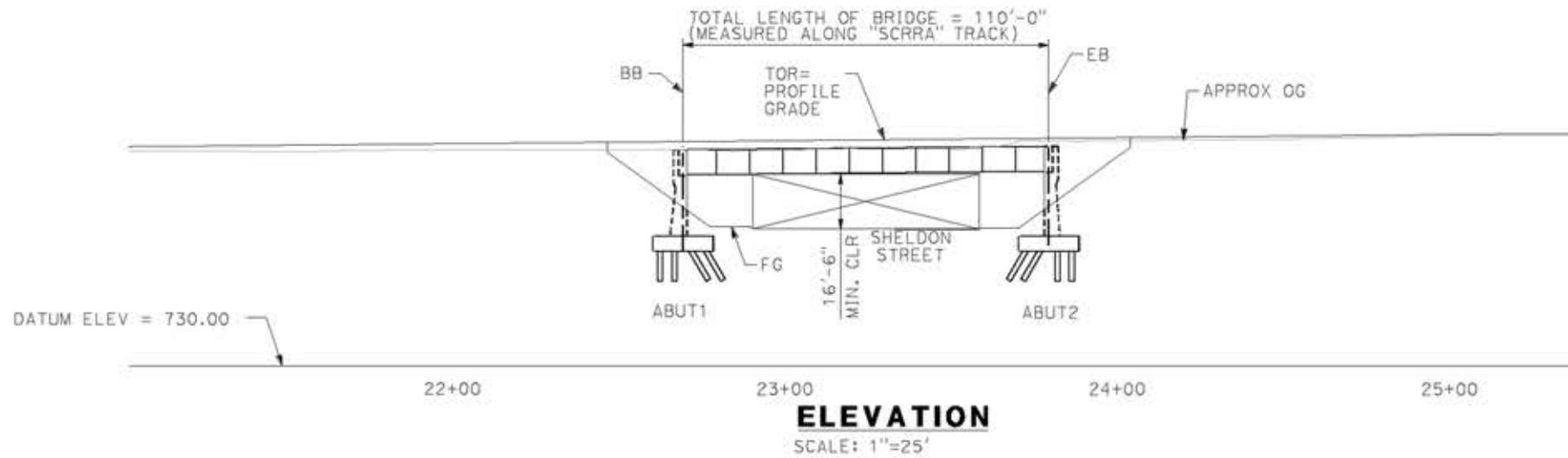
SHEET NO.



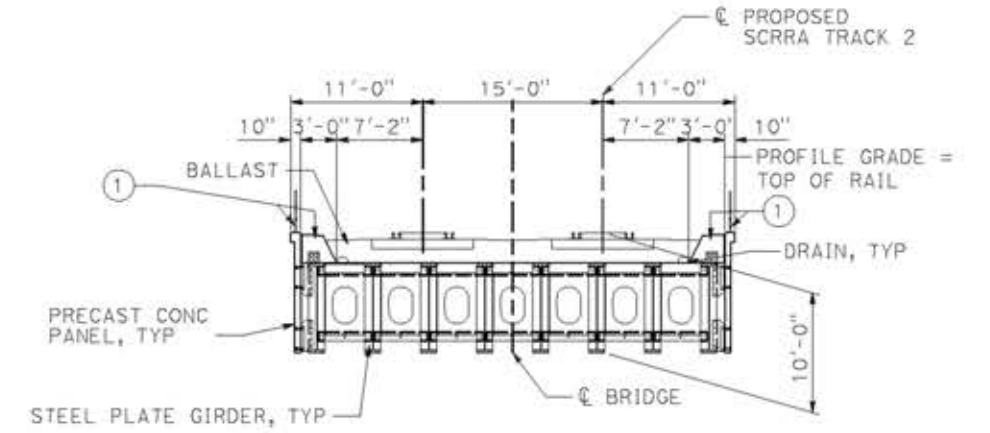
PROFILE GRADE
NO SCALE

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

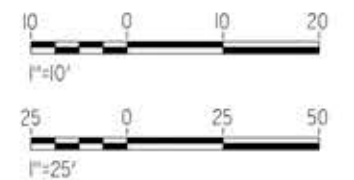
- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



ELEVATION
SCALE: 1"=25'



PLAN
SCALE: 1"=25'



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14/05/2021 9:52:55

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



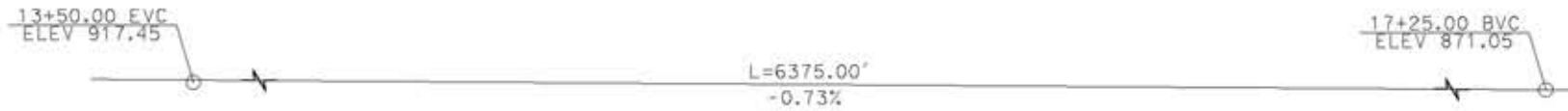
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
SHELDON STREET UNDERPASS (SCRRRA TRACKS 1 & 2)
GENERAL PLAN

CONTRACT NO.
HSR14-42

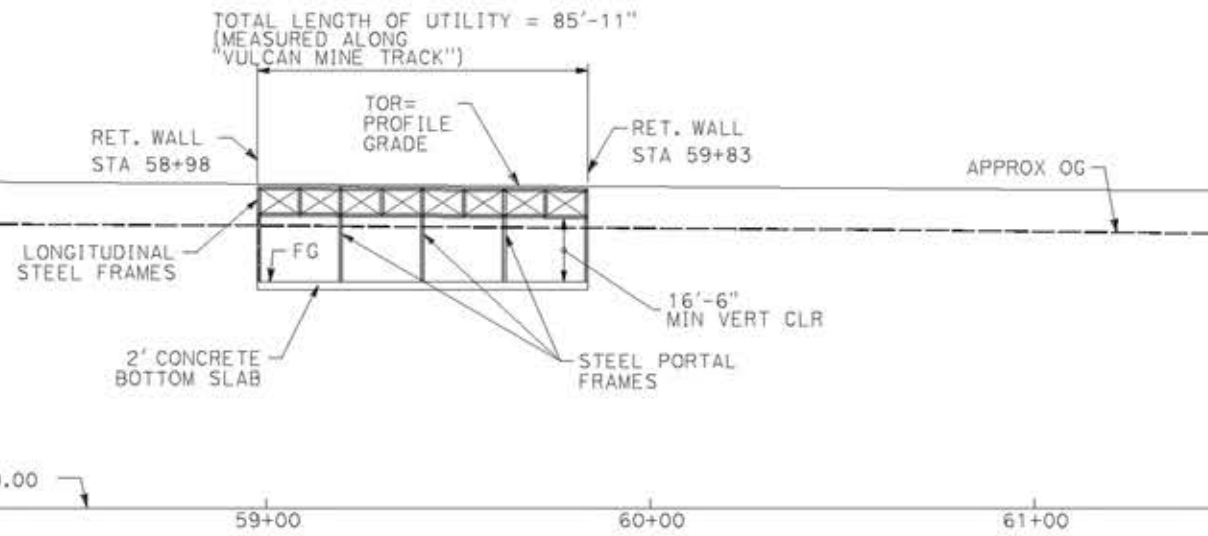
DRAWING NO.
ST-J1206-E1

SCALE
AS SHOWN

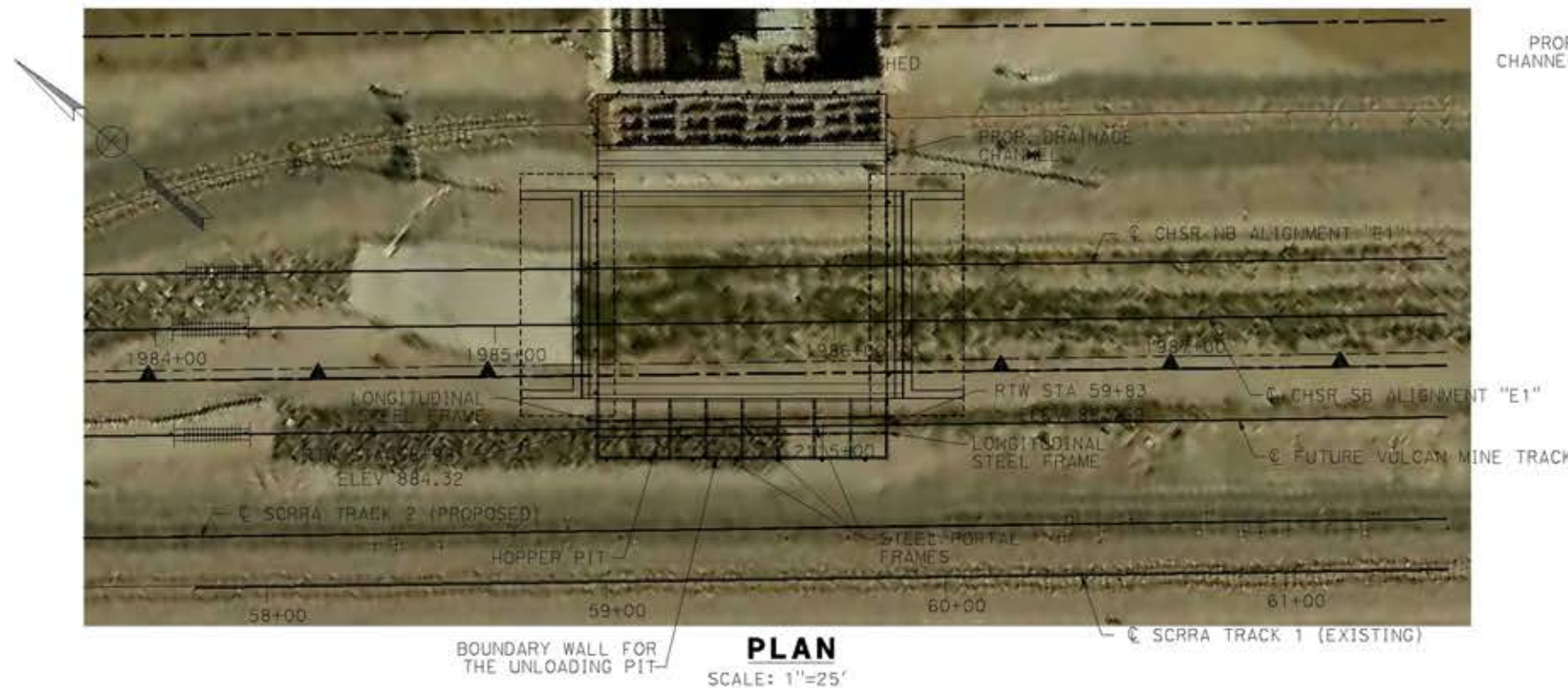
SHEET NO.



PROFILE GRADE
NO SCALE



ELEVATION
SCALE: 1"=25'

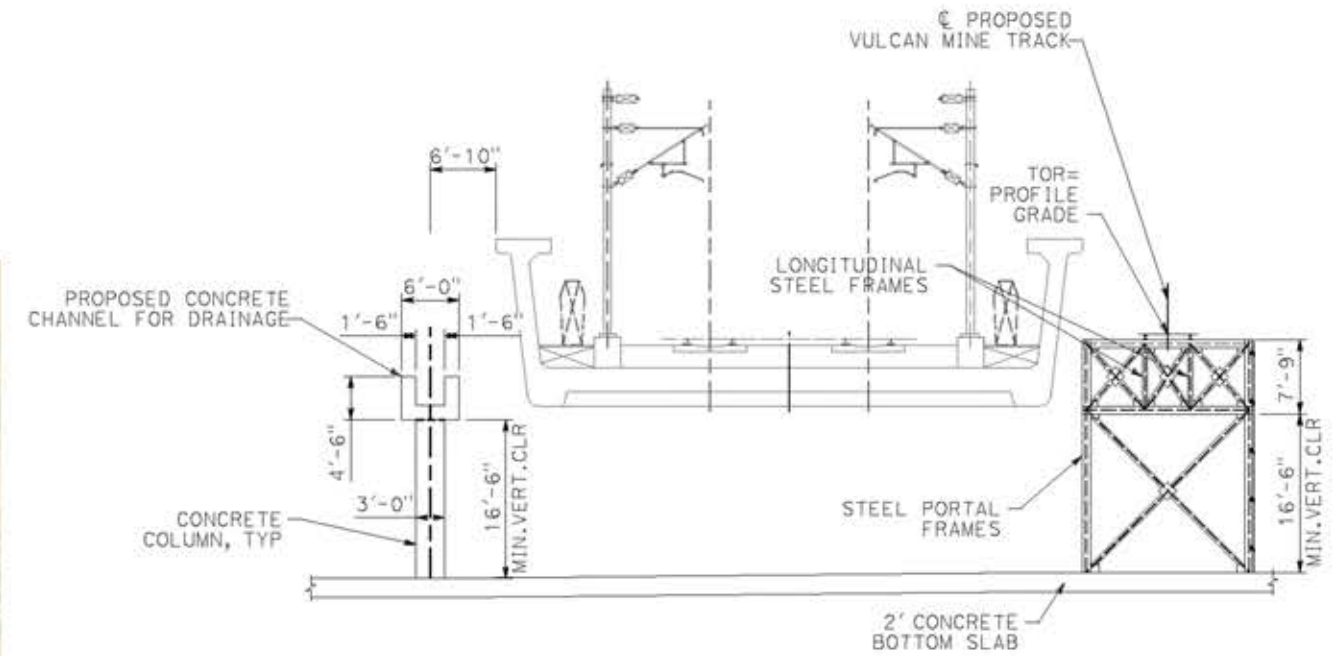


PLAN
SCALE: 1"=25'

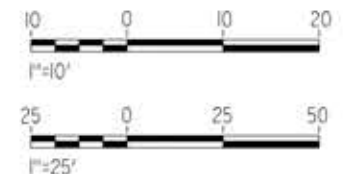
NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT. FOR FURTHER DIMENSIONS DETAILS RELATED TO HSR STRUCTURE SEE DRAWING No ST-J1015-E1.

LEGEND:

- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
- ① EXPANSION JOINT, TYP
- ② CONCRETE BARRIER GUARDRAIL OR PIER PROTECTION WALL
- ③ NORMALIZING SLAB
- ④ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
- ⑤ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



TYPICAL SECTION
SCALE: 1"=10'



c:\pwworking\ngdir\sener-us-pw-bentley.com_sener-us-pw-01\ignocio\vergara\dms19616\p9-51-J1207-E1.dgn

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REV	DATE	BY	CHK	APP	DESCRIPTION

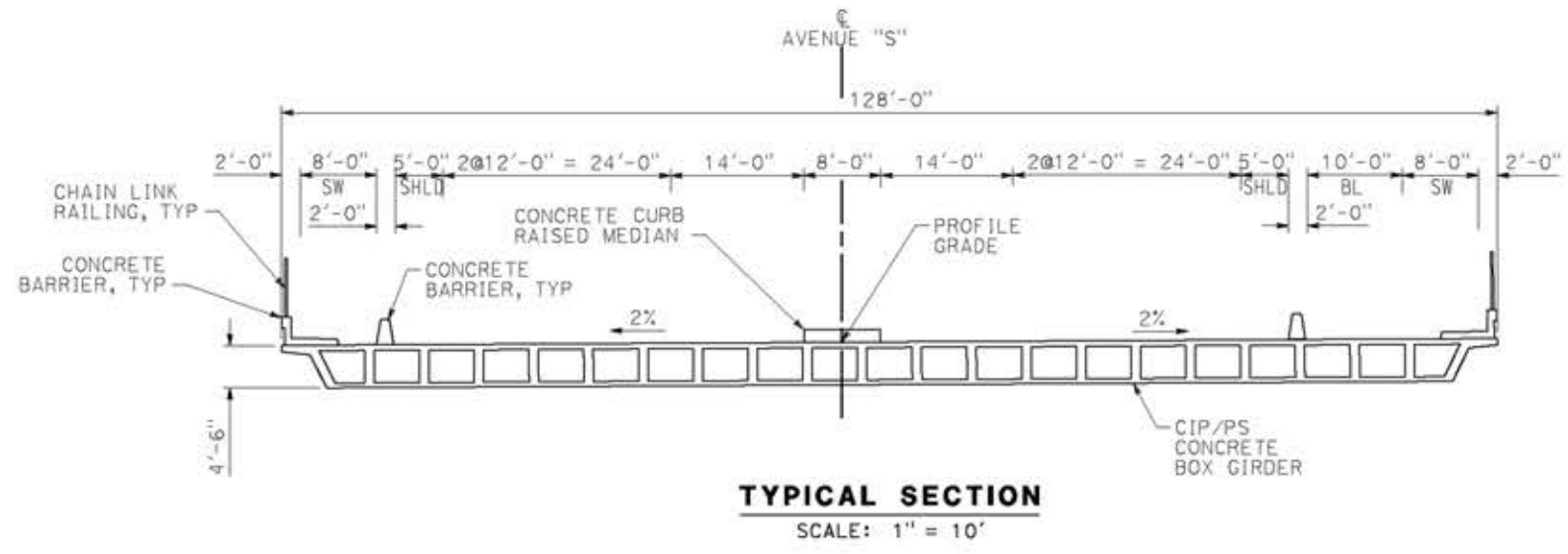
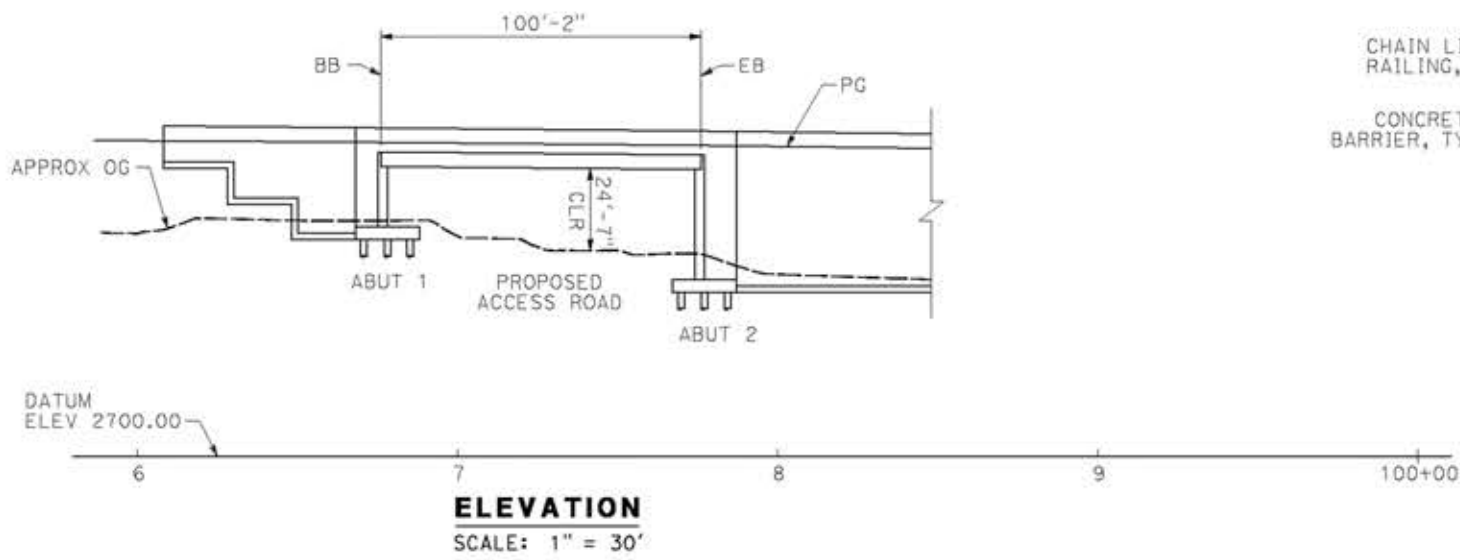
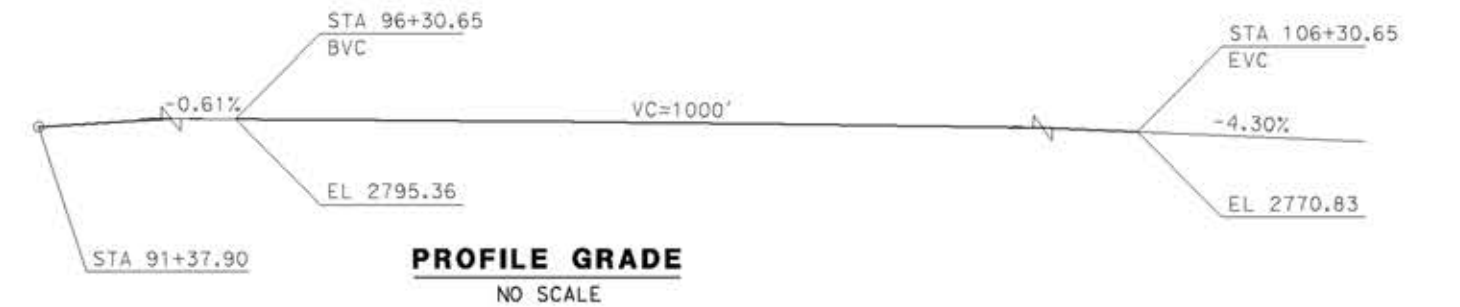
DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



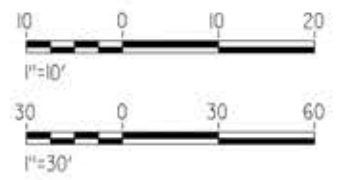
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
VULCAN MINE HOPPER FACILITY
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1207-E1
SCALE
AS SHOWN
SHEET NO.



- LEGEND:**
- INDICATES BRIDGE REMOVAL PORTION
 - STRUCTURE APPROACH SLAB TYPE N(30S)
 - INDICATES NEW CONSTRUCTION
 - INDICATES FOUNDATION OR HIDDEN LINES
 - MINIMUM VERTICAL CLEARANCE
 - INDICATES DIRECTION OF TRAFFIC

NOTES:
SEE GENERAL NOTES PLAN



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0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

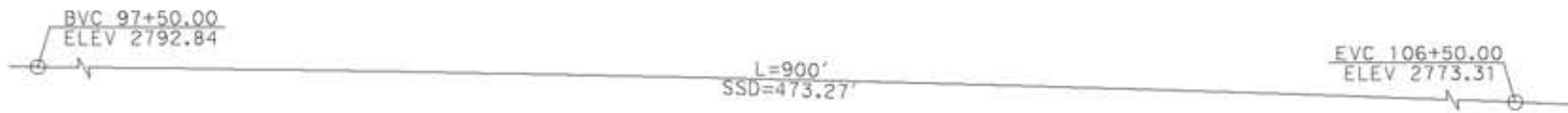
DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELAÑO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION

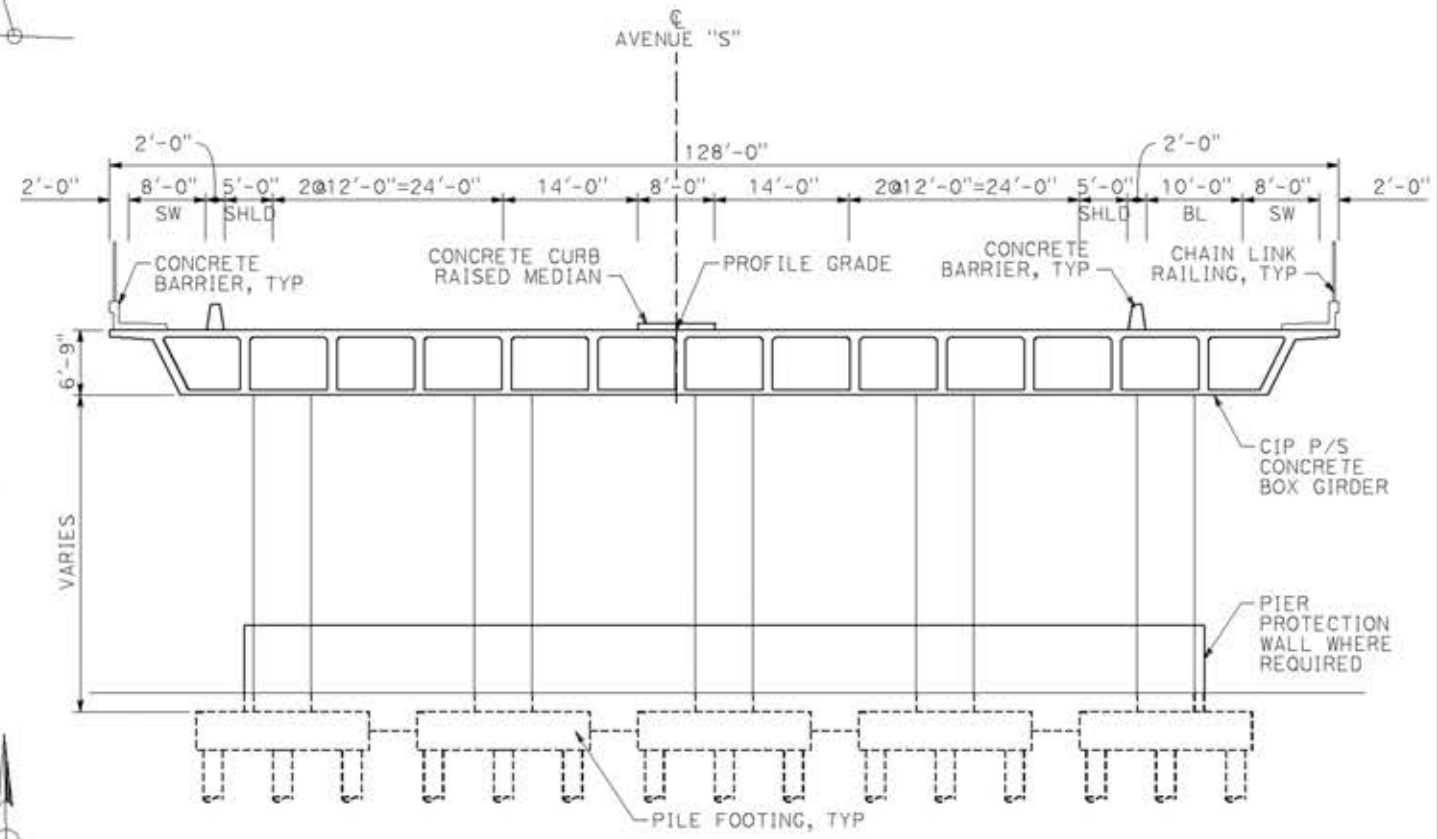
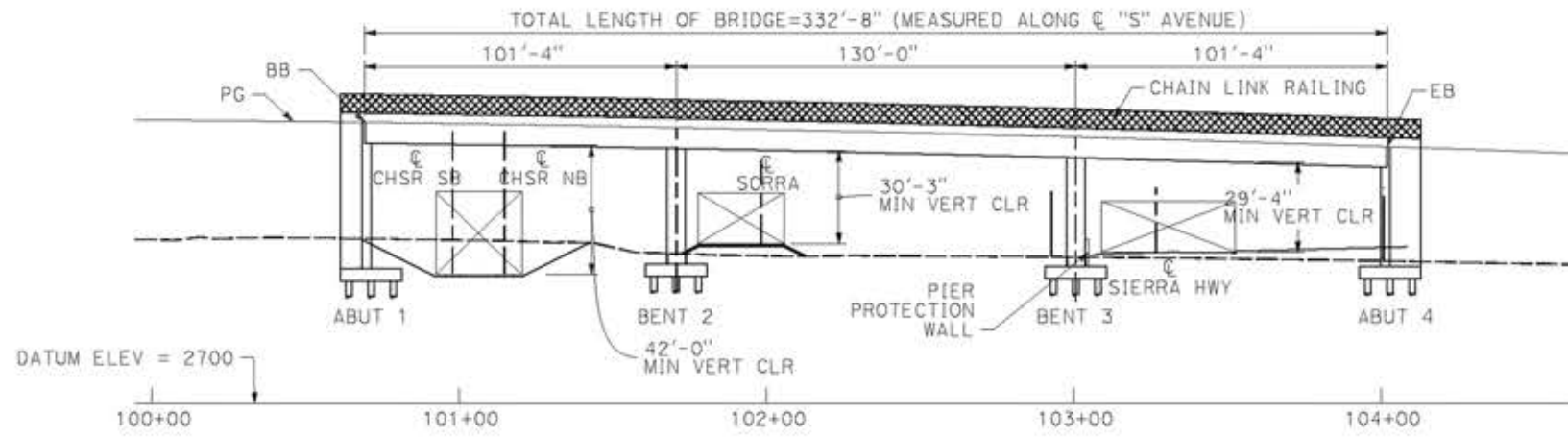


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
AVENUE S OVERCROSSING
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1404-E1
SCALE
AS SHOWN
SHEET NO.



PROFILE GRADE
NO SCALE



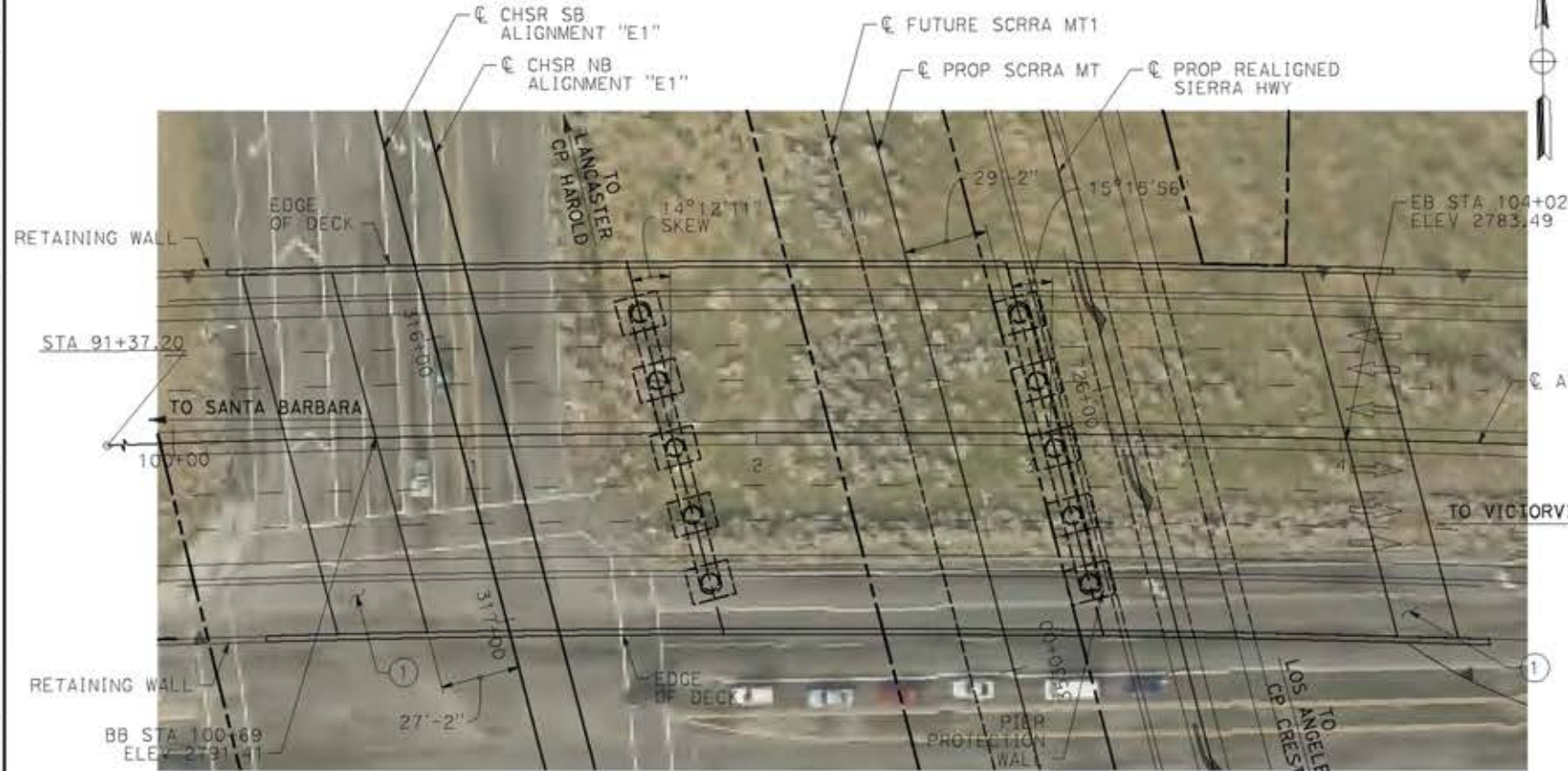
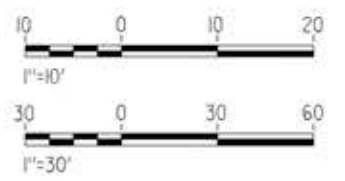
TYPICAL SECTION
SCALE: 1" = 10'

LEGEND:

- INDICATES BRIDGE REMOVAL PORTION
- STRUCTURE APPROACH SLAB TYPE N(30S)
- INDICATES NEW CONSTRUCTION
- INDICATES FOUNDATION OR HIDDEN LINES
- MINIMUM VERTICAL CLEARANCE
- INDICATES DIRECTION OF TRAFFIC

NOTES:

SEE GENERAL NOTES PLAN



PLAN
SCALE: 1" = 30'

DESIGNED BY
A. MOLINA
DRAWN BY
J. LOPEZ
CHECKED BY
J. REVOLTOS
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



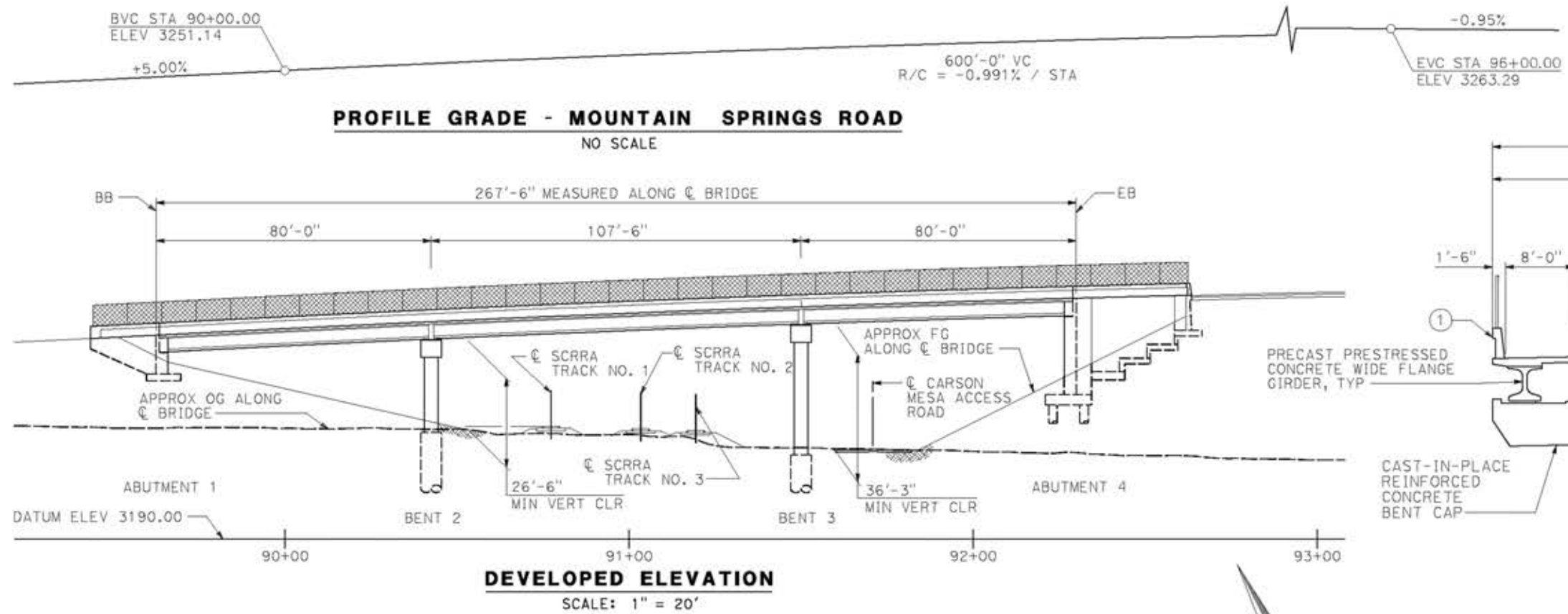
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
AVENUE S OVERHEAD
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1405-E1
SCALE
AS SHOWN
SHEET NO.

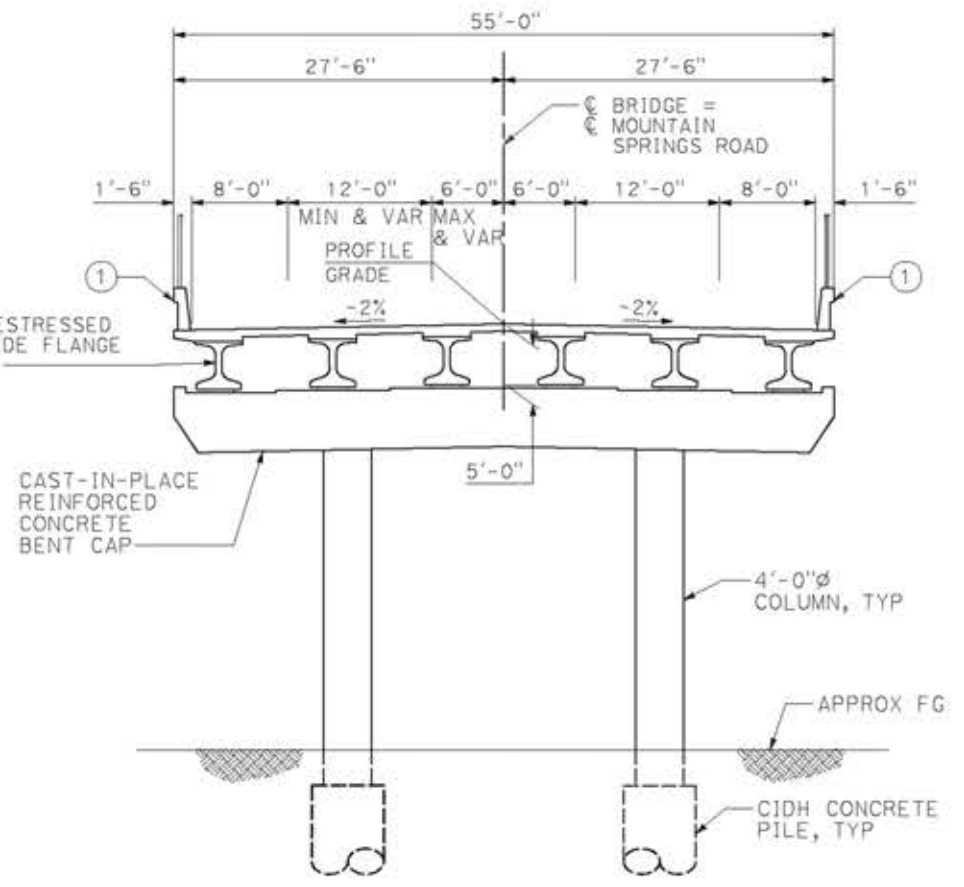
14/05/2021 9:53:50 c:\pwork\ingdir\sener-us-pw\ent\ey.com_sener-us-pw-01\ignocio\vergara\dms19616\pb-51-J1405-E1.dgn

0204814

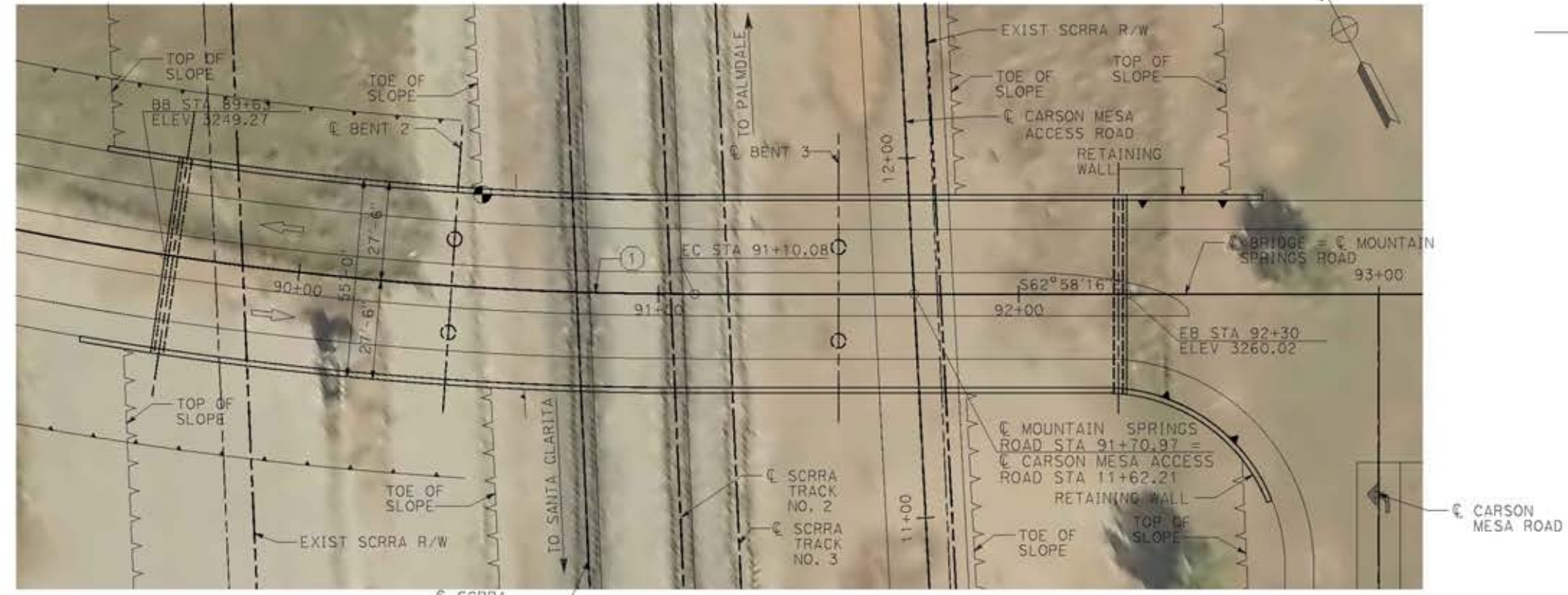
REV	DATE	BY	CHK	APP	DESCRIPTION



DEVELOPED ELEVATION
SCALE: 1" = 20'



TYPICAL SECTION
SCALE: 1/8" = 1'-0"



PLAN
SCALE: 1" = 20'

LEGEND:

- ① TYPE 742 BARRIER WITH TYPE 7 CHAIN LINK FENCE
- INDICATES NEW CONSTRUCTION
- - - INDICATES FOUNDATION OR PROPOSED STRUCTURE
- ← INDICATES DIRECTION OF TRAFFIC
- INDICATES POINT OF MINIMUM VERTICAL CLEARANCE

CURVE DATA			
R	Δ	T	L
① 1000.00'	17°17'39"	152.08'	301.84'



ct:\pwork\ingdir\sener-us-pw\bent1\ey.com_sener-us-pw-01\ignocio\vergero\dms19616\p9-5T-J1406-E1.dgn

14/05/2021 9:54:08

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. MOLINA
DRAWN BY
J. LOPEZ
CHECKED BY
J. REVOLTOS
IN CHARGE
A. RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



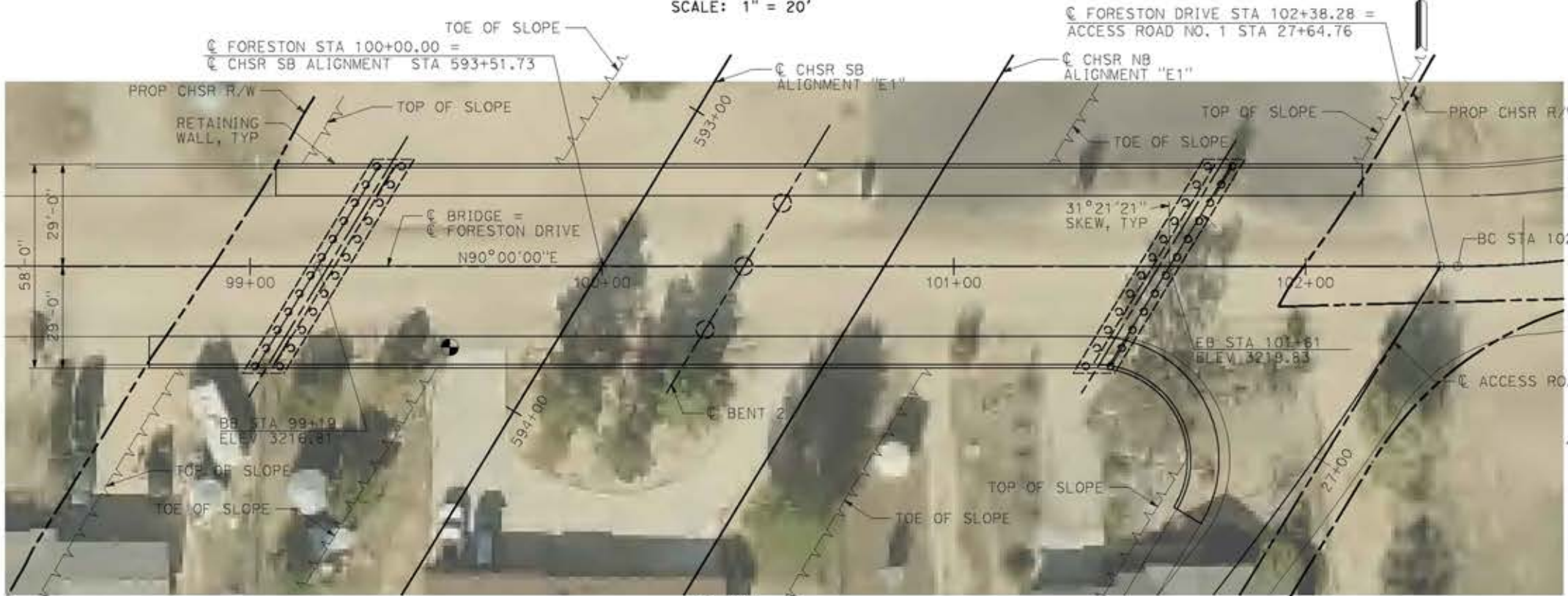
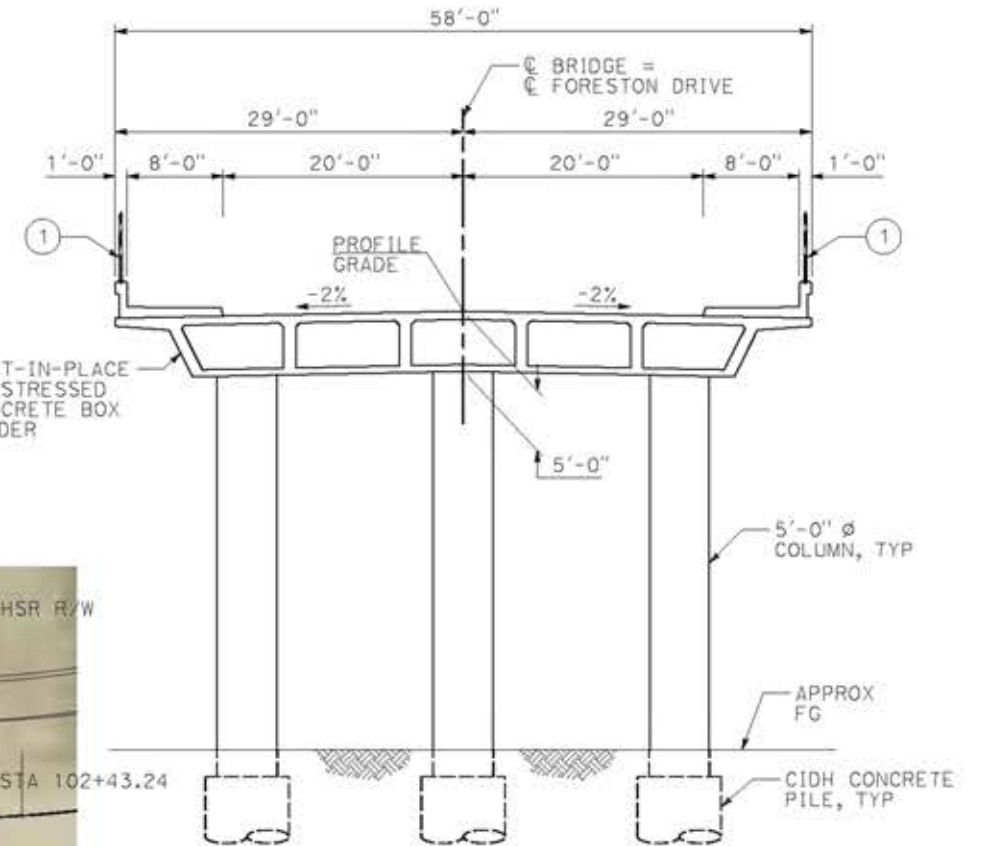
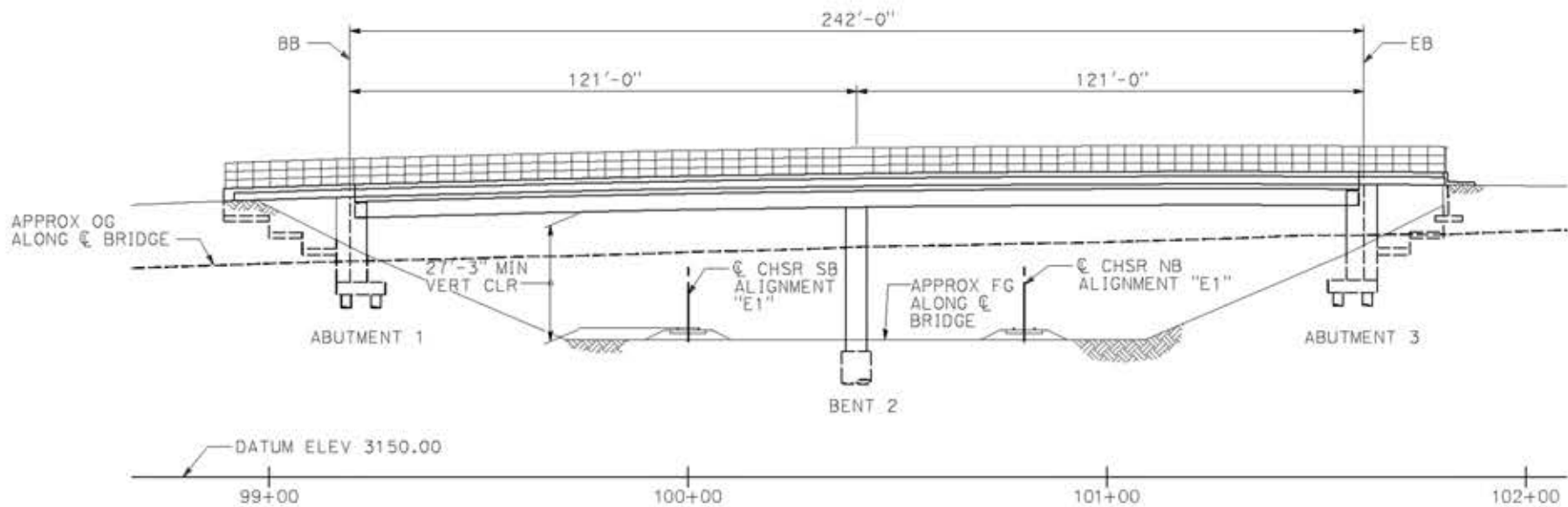
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
MOUNTAIN SPRINGS ROAD WEST OVERHEAD
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1406-E1
SCALE
AS SHOWN
SHEET NO.

ct:\pwork\ingdir\sener-us-pw\bent1\ey.com_sener-us-pw-01\ignocio.vergara\dms19616\p9-51-J1407-E1.dgn

14/05/2021 9:54:28

0204814



ELEVATION
SCALE: 1" = 20'

TYPICAL SECTION
1/8" = 1'-0"

PLAN
SCALE: 1" = 20'

LEGEND:

- ① TYPE 26 (MOD) BARRIER WITH SOLID PROTECTIVE BARRIER
- INDICATES NEW CONSTRUCTION
- - - INDICATES FOUNDATION OR PROPOSED STRUCTURE
- ➔ INDICATES DIRECTION OF TRAFFIC
- INDICATES POINT OF MINIMUM VERTICAL CLEARANCE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELAÑO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



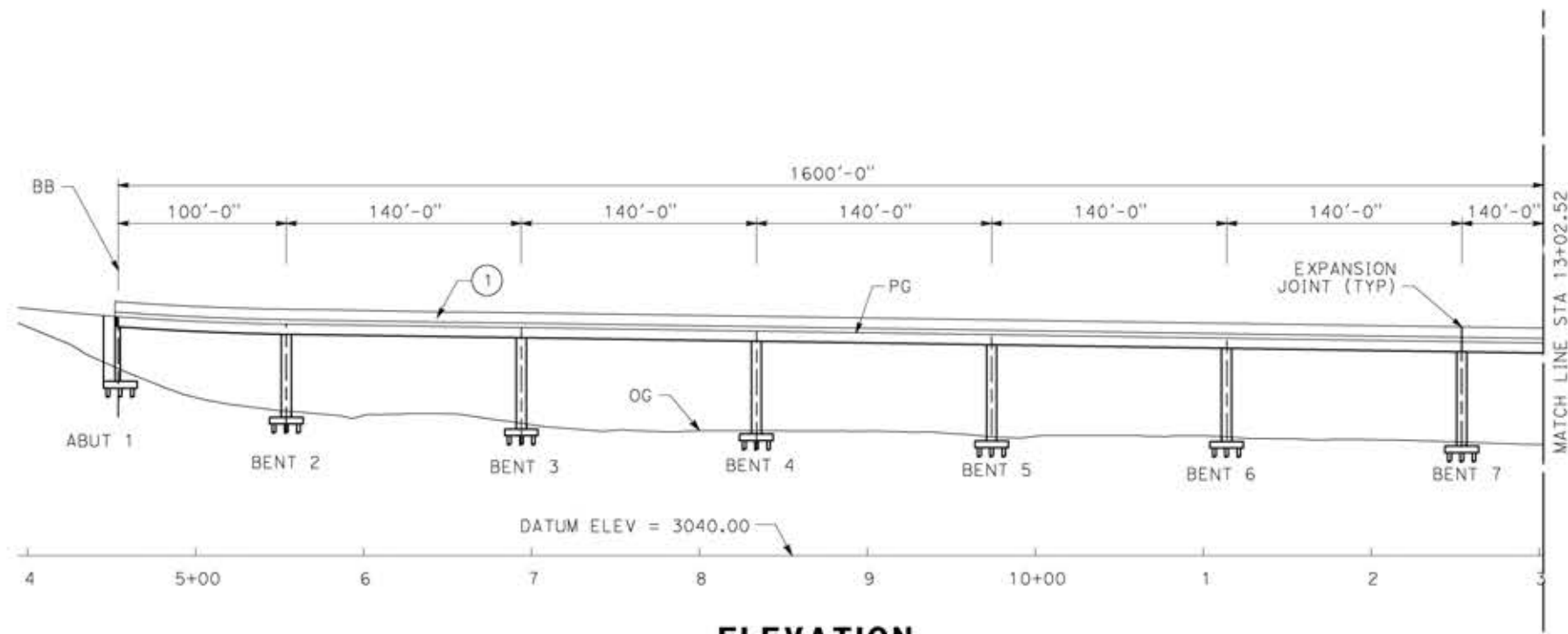
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
FORESTON DRIVE OVERHEAD
GENERAL PLAN

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1407-E1

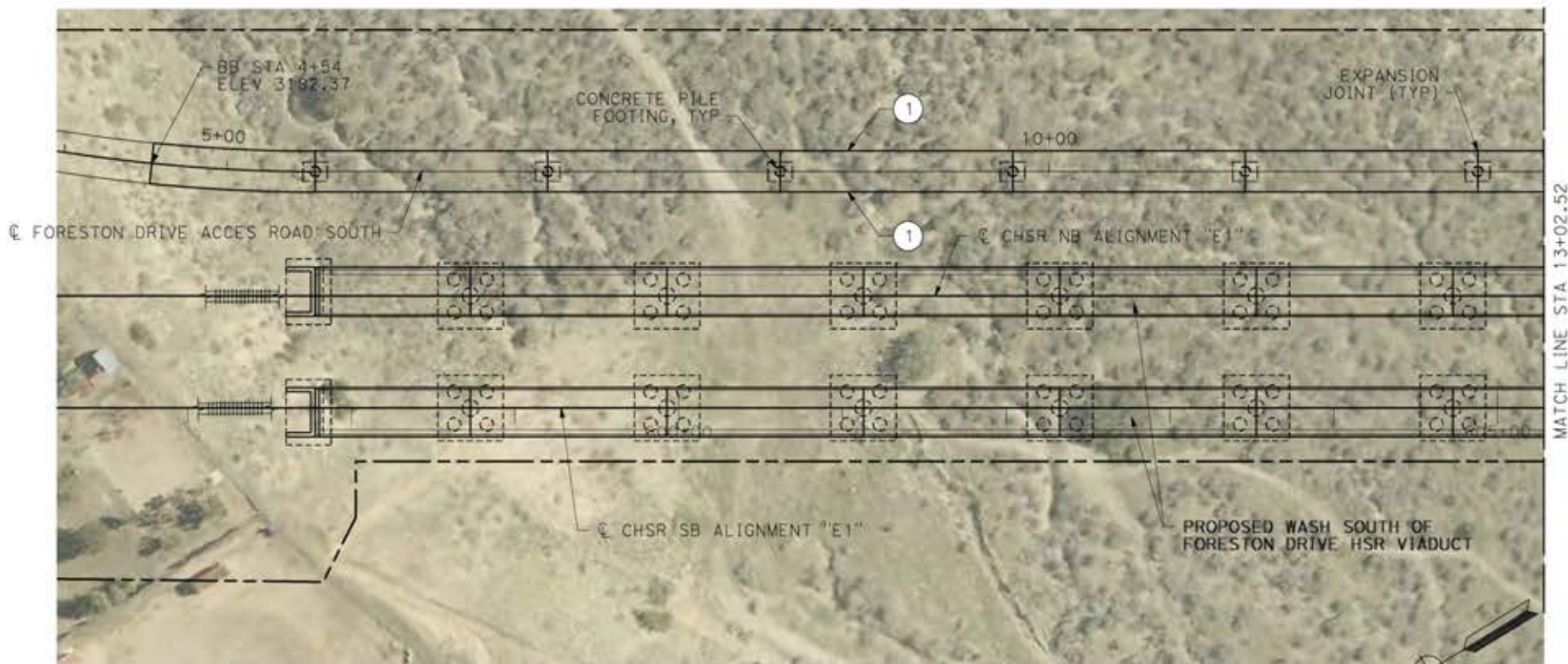
SCALE
AS SHOWN

SHEET NO.



ELEVATION

SCALE: 1"=50'



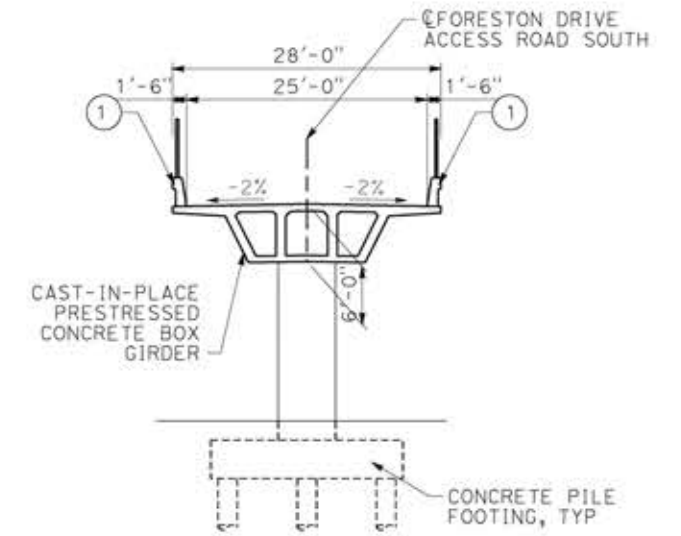
PLAN

SCALE: 1"=50'

LEGEND:

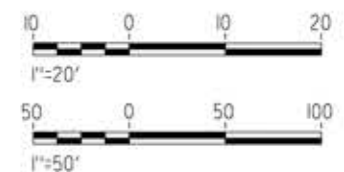
- ① PARAPET
- INDICATES NEW CONSTRUCTION

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



TYPICAL SECTION

SCALE: 1"=10'



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18/05/2021 14:16:06

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
FORESTON SOUTH ACCESS ROAD
GENERAL PLAN
SHEET 1 OF 2

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1408-E1

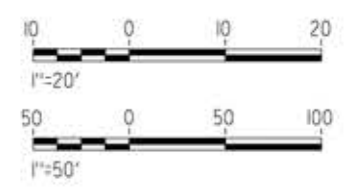
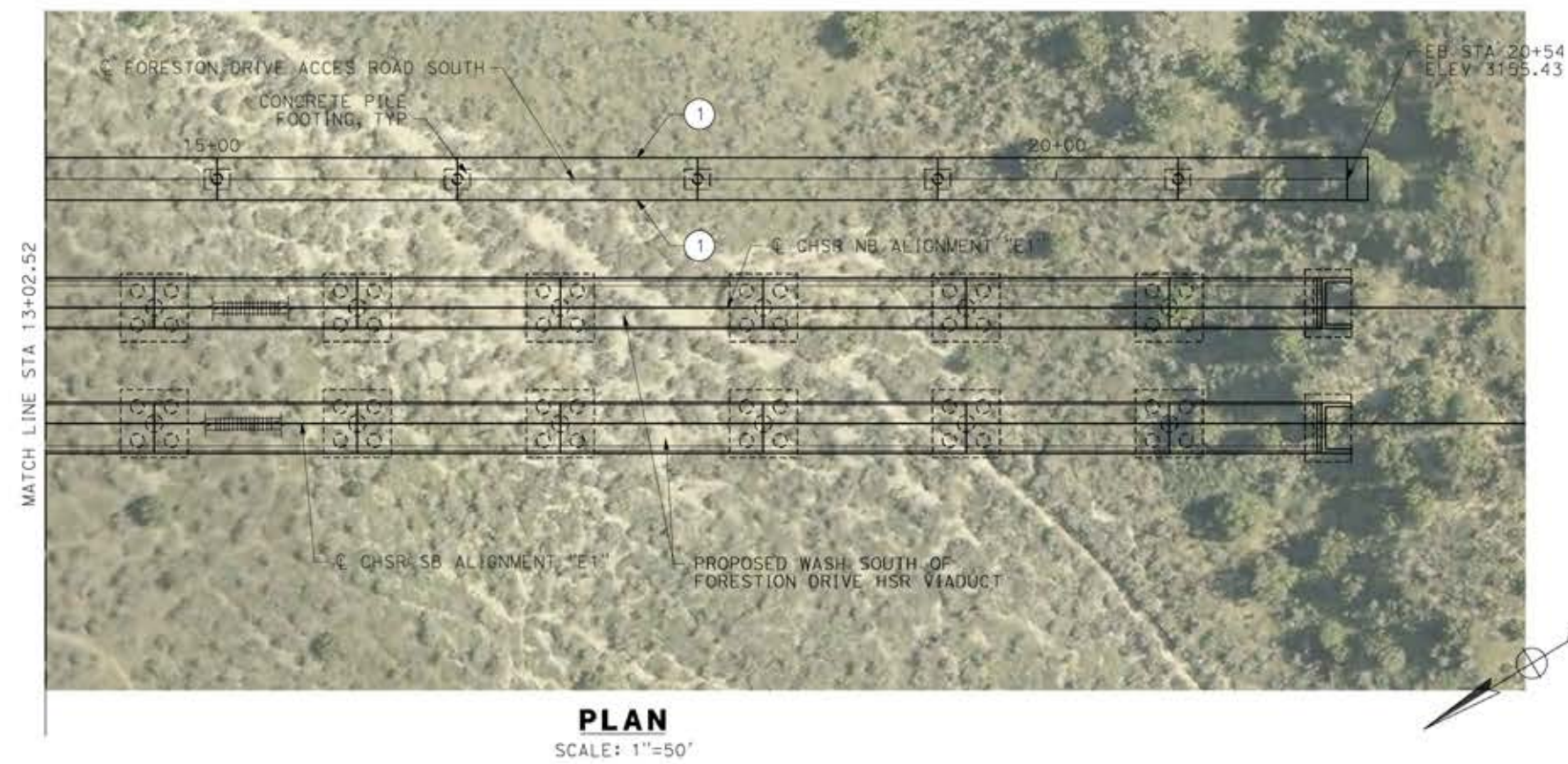
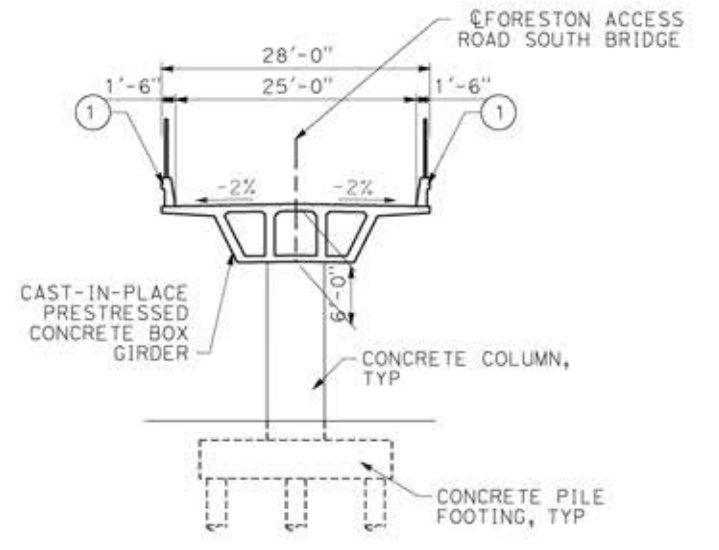
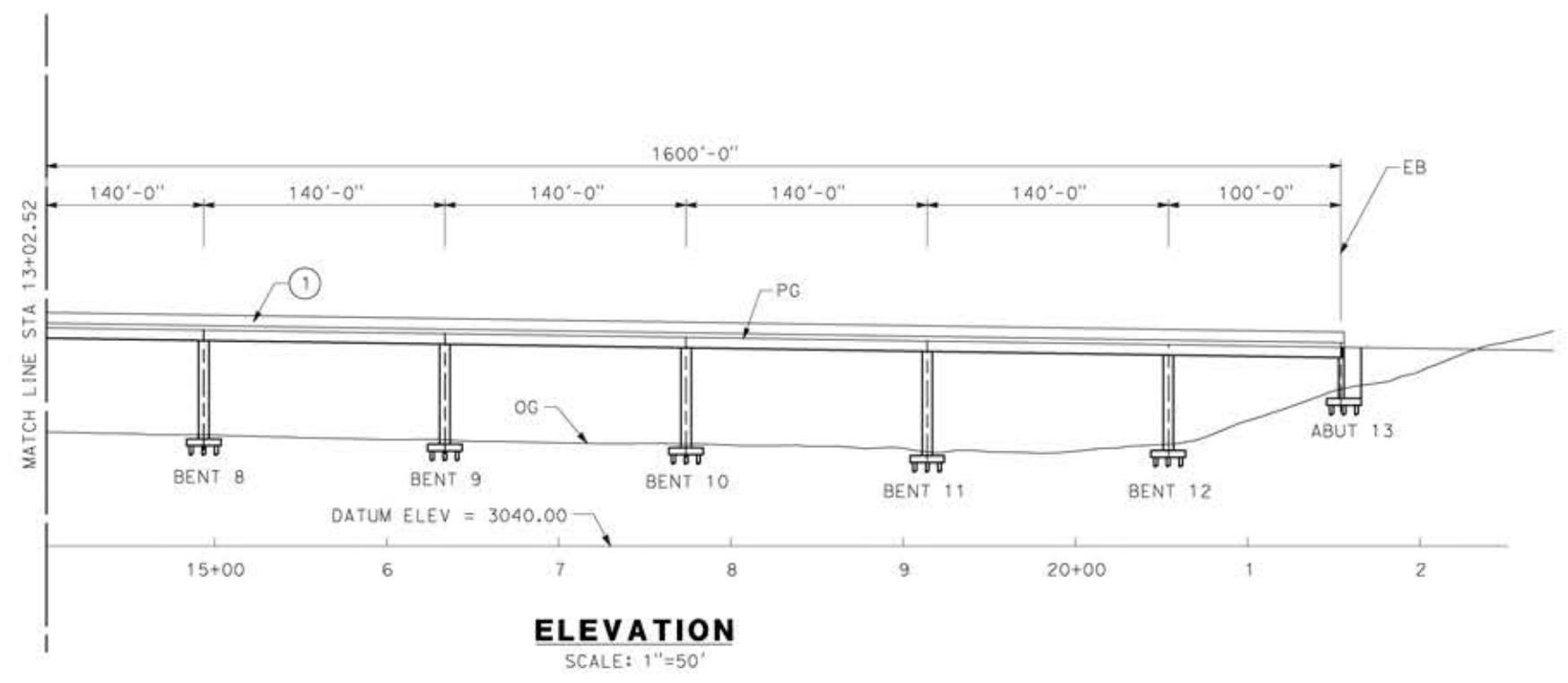
SCALE
AS SHOWN

SHEET NO.

LEGEND:

- ① PARAPET
- INDICATES NEW CONSTRUCTION

NOTE:
 ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



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18/05/2021 14:18:34

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
 REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 FORESTON SOUTH ACCESS ROAD
 GENERAL PLAN
 SHEET 2 OF 2

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1409-E1

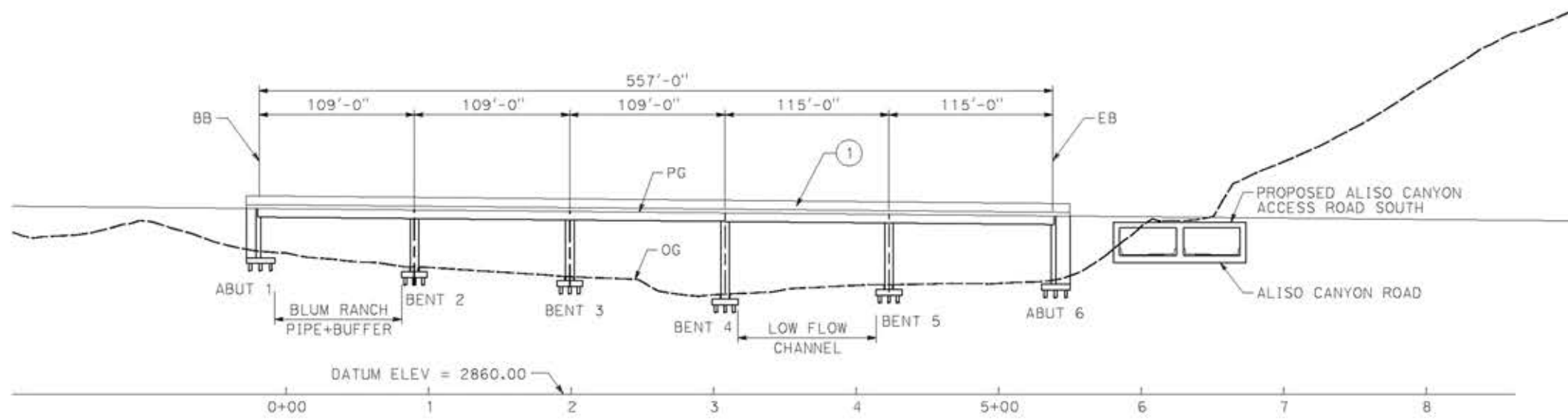
SCALE
AS SHOWN

SHEET NO.

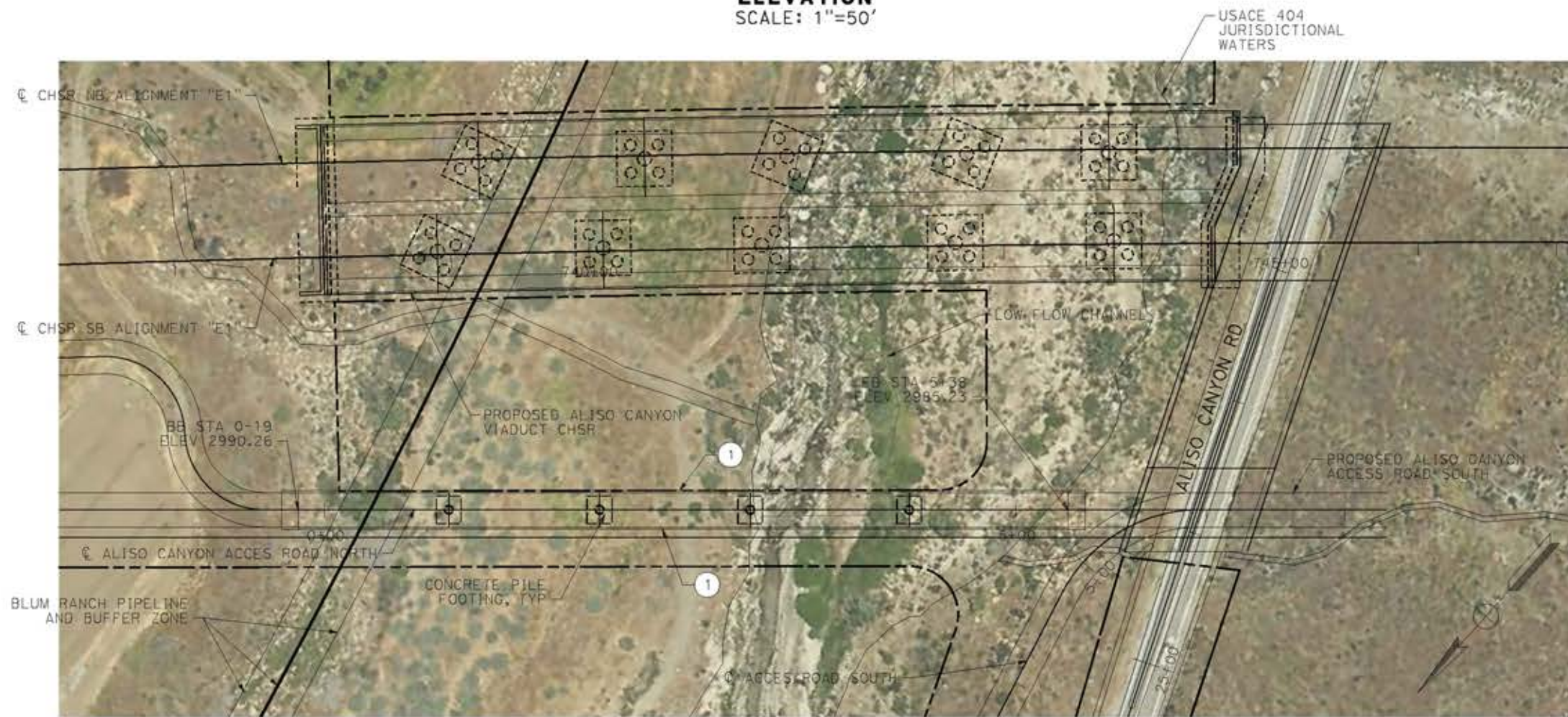
LEGEND:

- ① PARAPET
- INDICATES NEW CONSTRUCTION

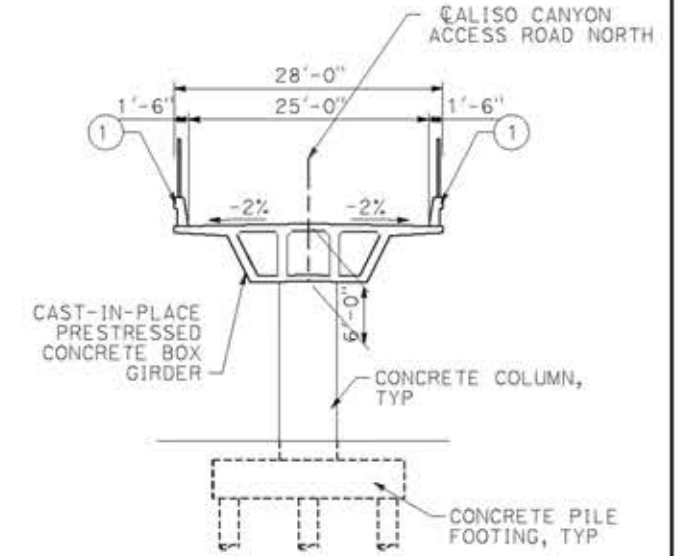
NOTE:
 ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



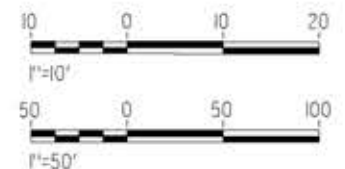
ELEVATION
 SCALE: 1"=50'



PLAN
 SCALE: 1"=50'



TYPICAL SECTION
 SCALE: 1"=10'



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0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

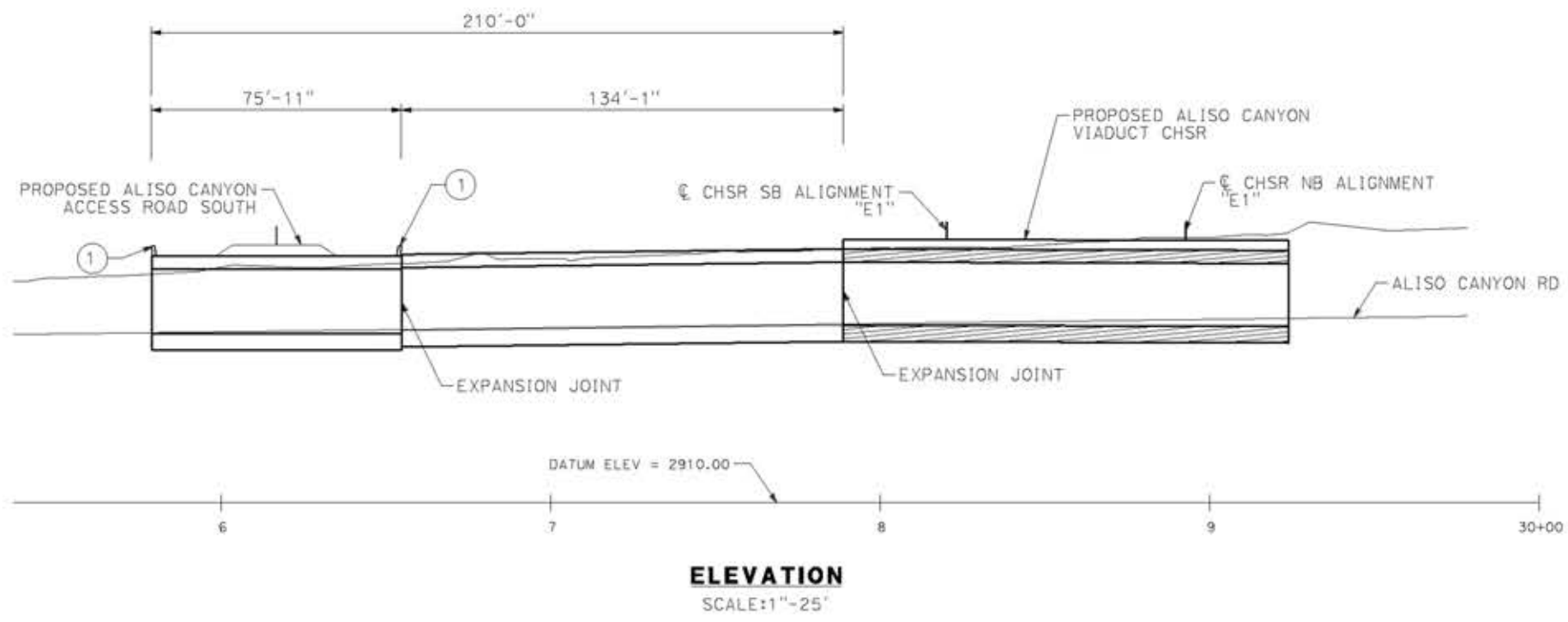
DESIGNED BY
A.MOLINA
 DRAWN BY
J.LOPEZ
 CHECKED BY
J.REVOLTOS
 IN CHARGE
A.RELAÑO
 DATE
04/30/2021

PEPD RECORD SET
 REV 02
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 ALISO CANYON ACCESS ROAD NORTH
 GENERAL PLAN

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 ST-J1410-E1
 SCALE
 AS SHOWN
 SHEET NO.

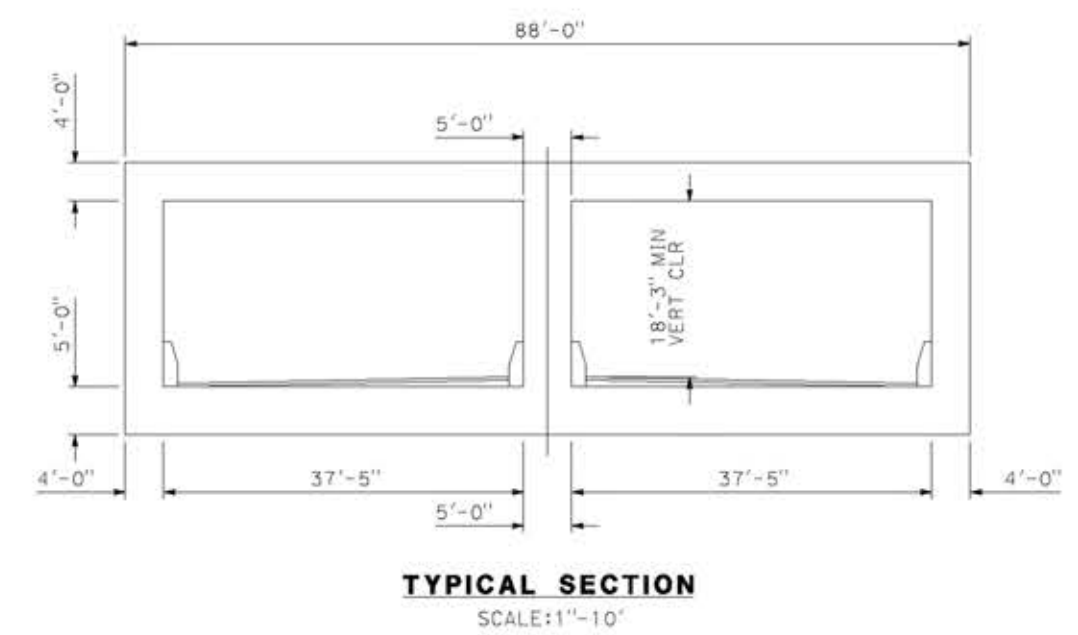


LEGEND:

① PARAPET

— INDICATES NEW CONSTRUCTION

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



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14/05/2021 10:00:58

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELAÑO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



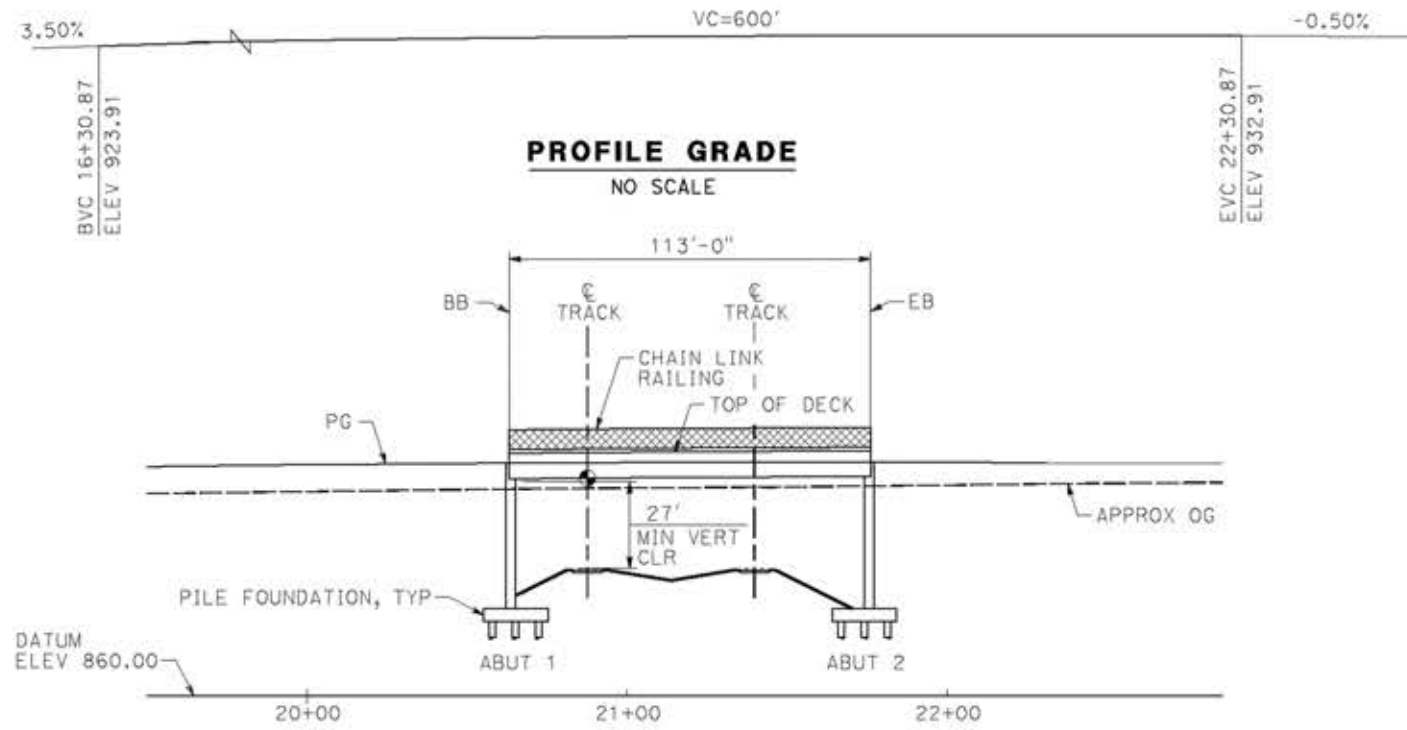
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
ALISO CANYON ACCESS ROAD SOUTH
GENERAL PLAN

CONTRACT NO.
HSR14-42

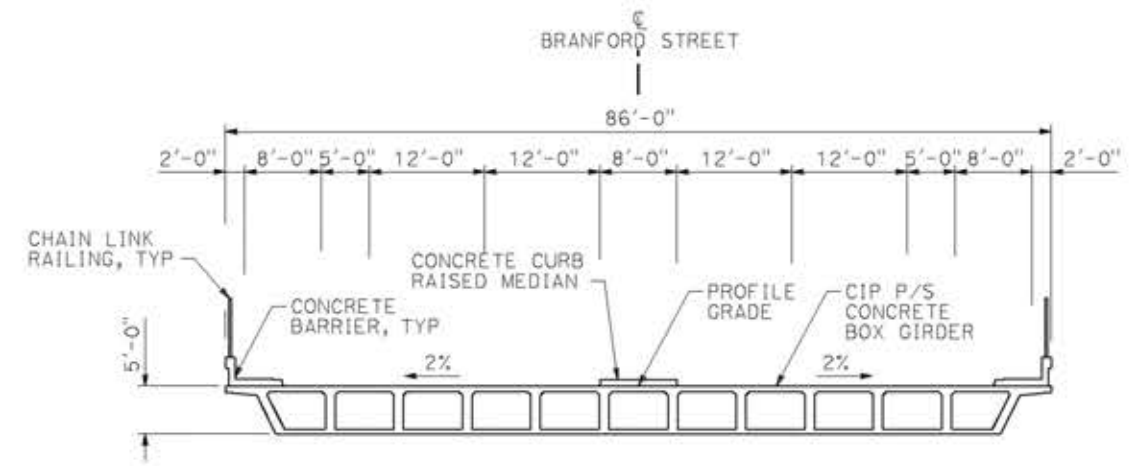
DRAWING NO.
ST-J1411-E1

SCALE
AS SHOWN

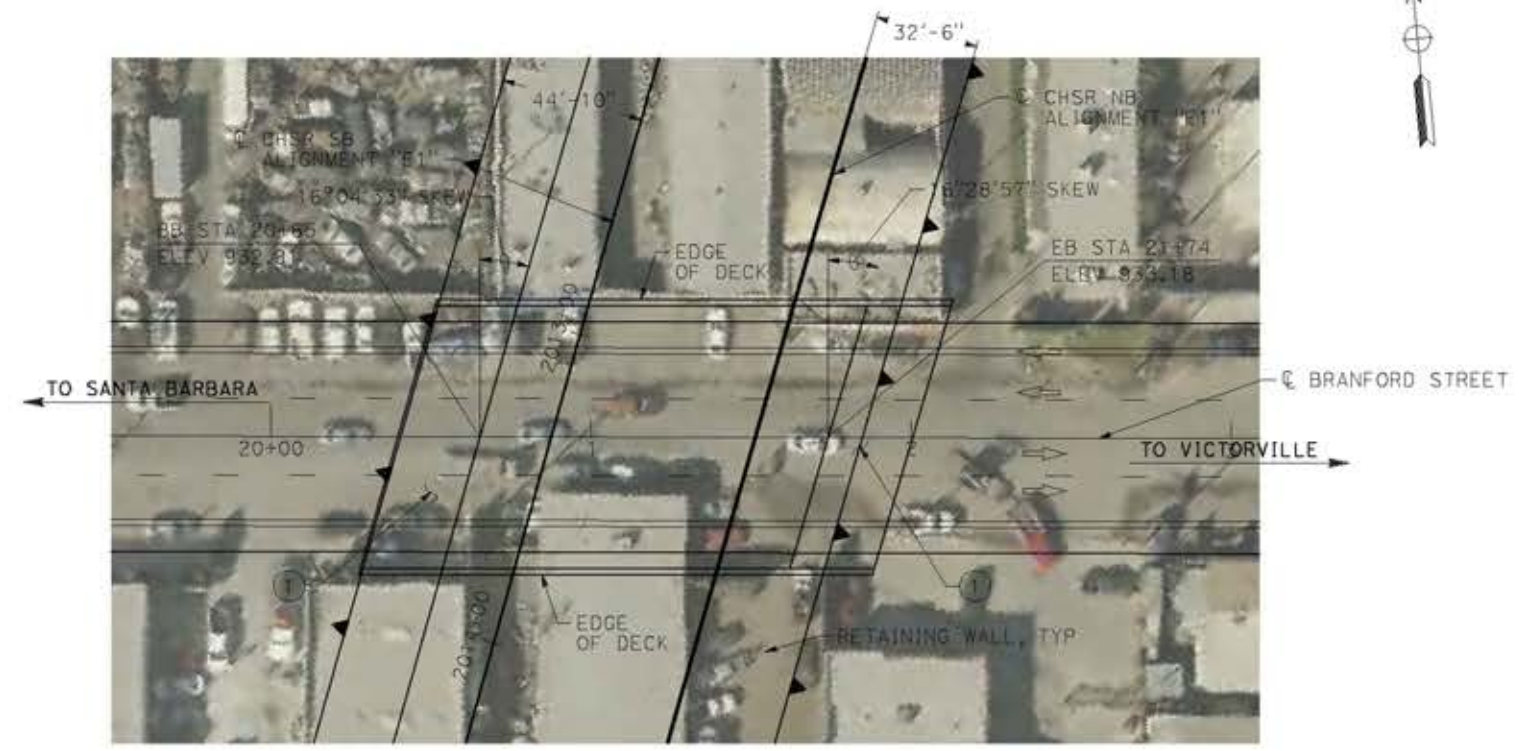
SHEET NO.



ELEVATION
SCALE: 1" = 30'



TYPICAL SECTION
SCALE: 1" = 10'



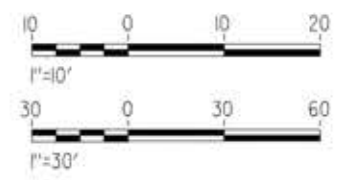
PLAN
SCALE: 1" = 30'

LEGEND:

- INDICATES BRIDGE REMOVAL PORTION
- STRUCTURE APPROACH SLAB TYPE N(30S)
- INDICATES NEW CONSTRUCTION
- INDICATES FOUNDATION OR HIDDEN LINES
- MINIMUM VERTICAL CLEARANCE
- INDICATES DIRECTION OF TRAFFIC

NOTE:

SEE GENERAL NOTES PLAN



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14/05/2021 10:01:15

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELAÑO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



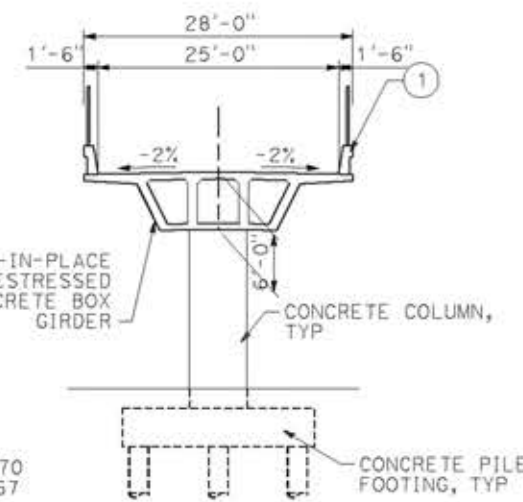
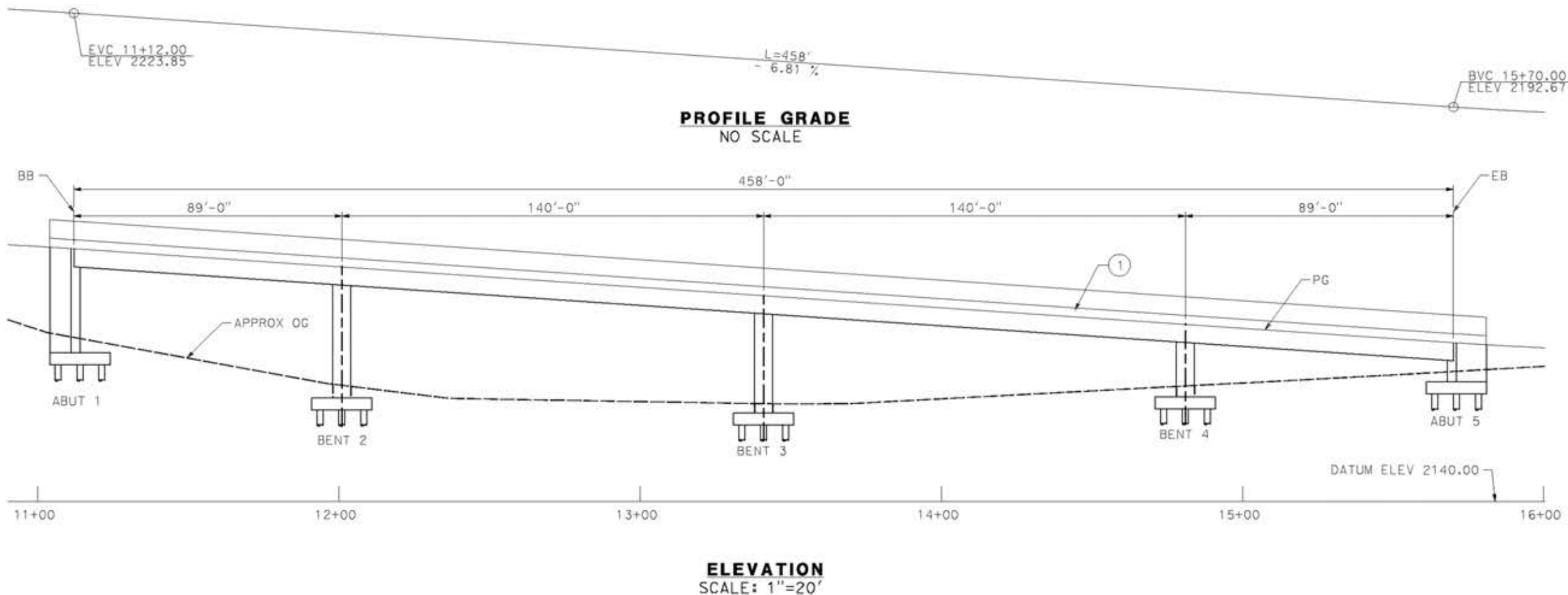
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E1"
BRANFORD STREET OVERHEAD
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1412-E1
SCALE
AS SHOWN
SHEET NO.

LEGEND:

- ① PARAPET
- INDICATES NEW CONSTRUCTION

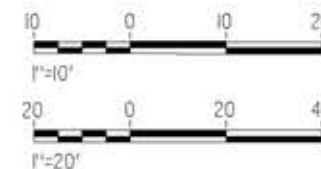
NOTE:
 ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



TYPICAL SECTION
 SCALE: 1"=10'



PLAN
 SCALE: 1"=20'



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14/05/2021 10:01:34

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
 DRAWN BY
J.LOPEZ
 CHECKED BY
J.REVOLTOS
 IN CHARGE
A.RELARO
 DATE
04/30/2021

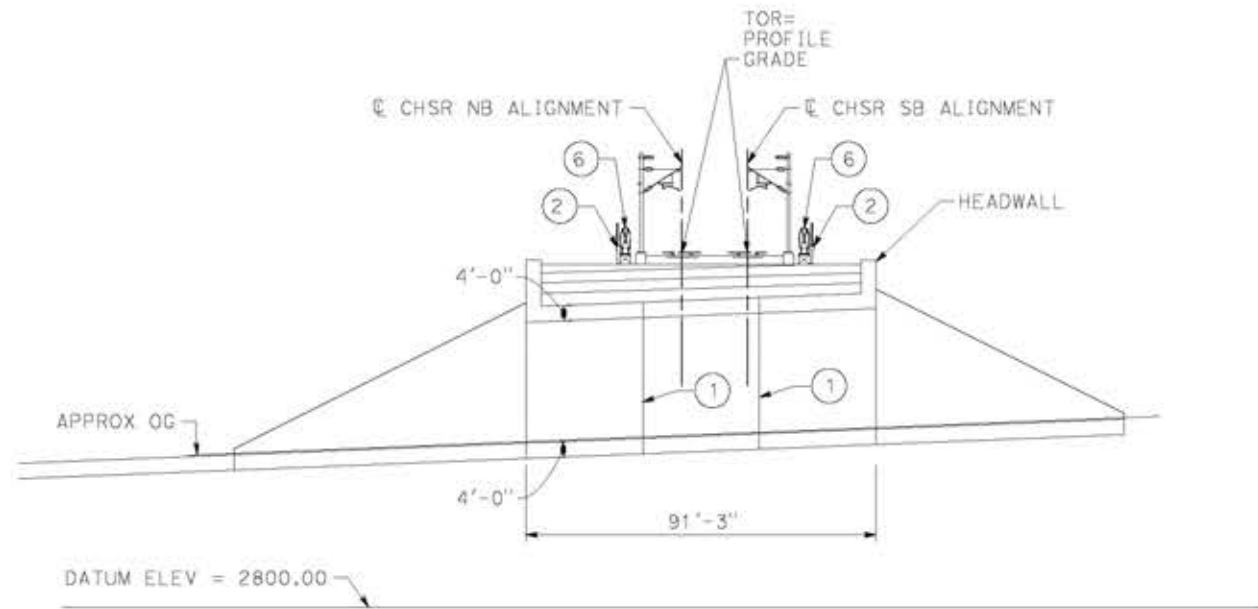
PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION

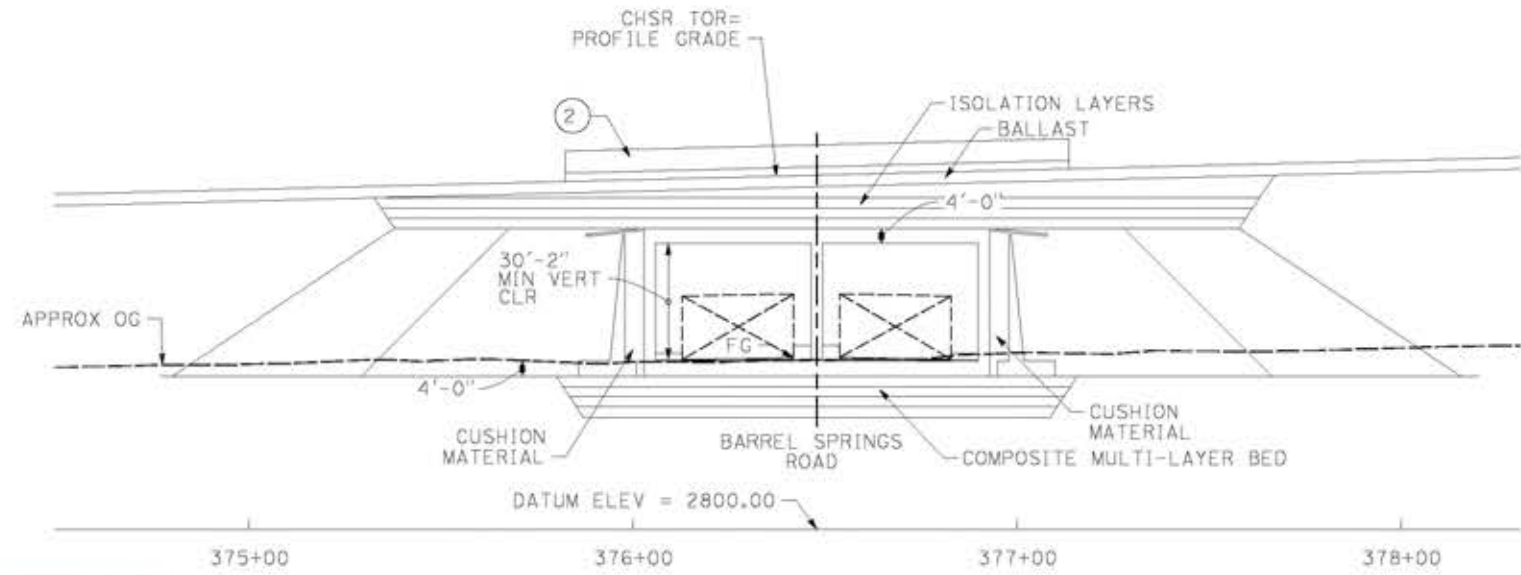


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E1"
 ADIT ACCESS ROAD E1 STA 1485
 GENERAL PLAN

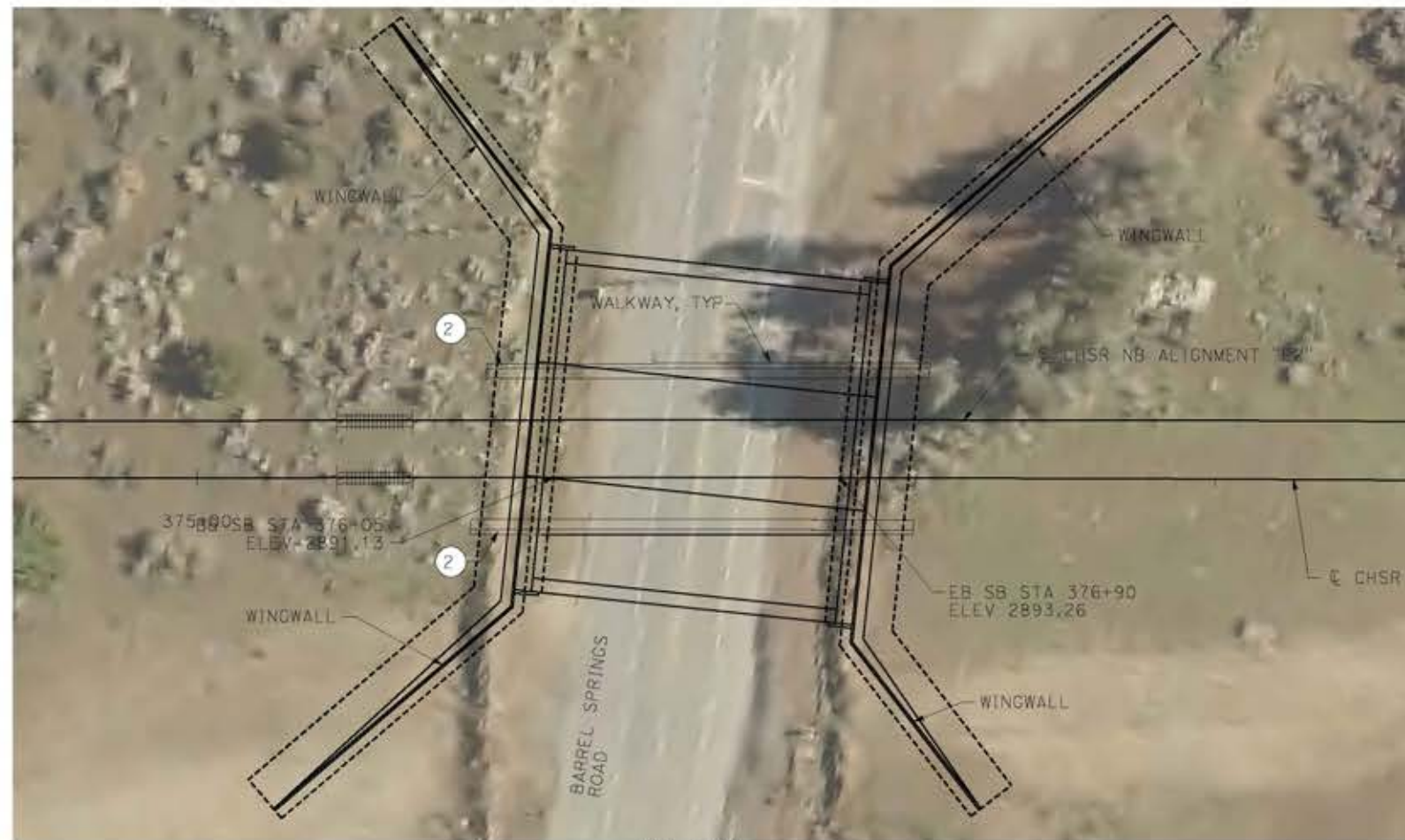
CONTRACT NO.
HSR14-42
 DRAWING NO.
ST-J1413-E1
 SCALE
AS SHOWN
 SHEET NO.



TYPICAL SECTION
SCALE: 1"=25'



LOOKING EAST
SCALE: 1"=25'

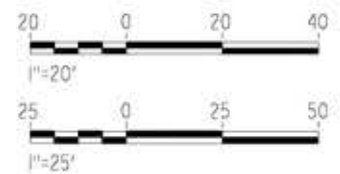


PLAN
SCALE: 1"=25'

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

LEGEND:

- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
- ① EXPANSION JOINT, TYP
- ② CONCRETE BARRIER
- ③ GUARDRAIL OR PIER PROTECTION WALL
- ④ NORMALIZING SLAB
- ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
- ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



ct:\pwworking\ngdir\asener-us-pw-bentley.com_sener-us-pw-01\ignocio.vergara\dms19632.pb-st-j1008-e2.dgn

14/05/2021 11:20:11

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021


PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



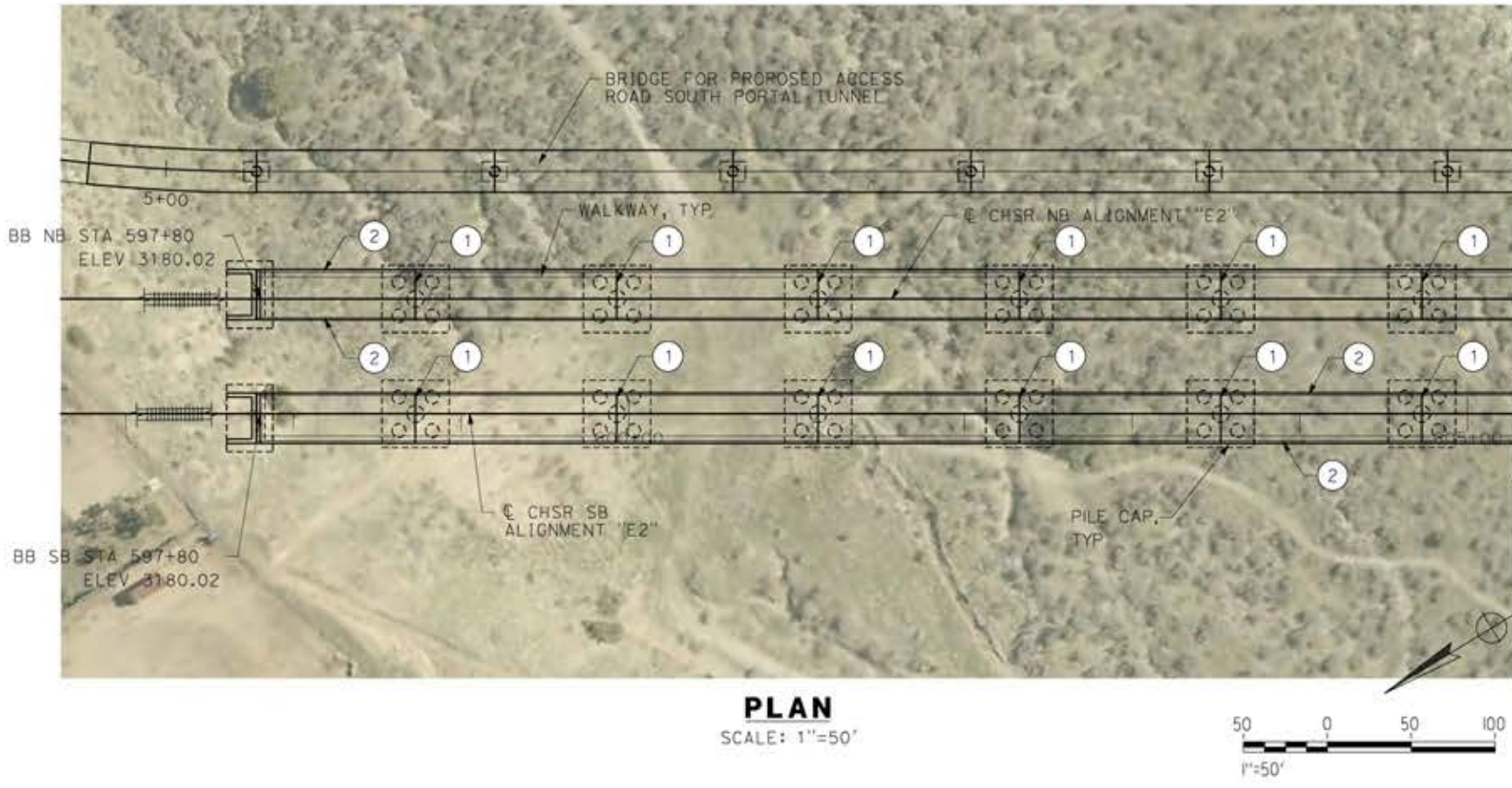
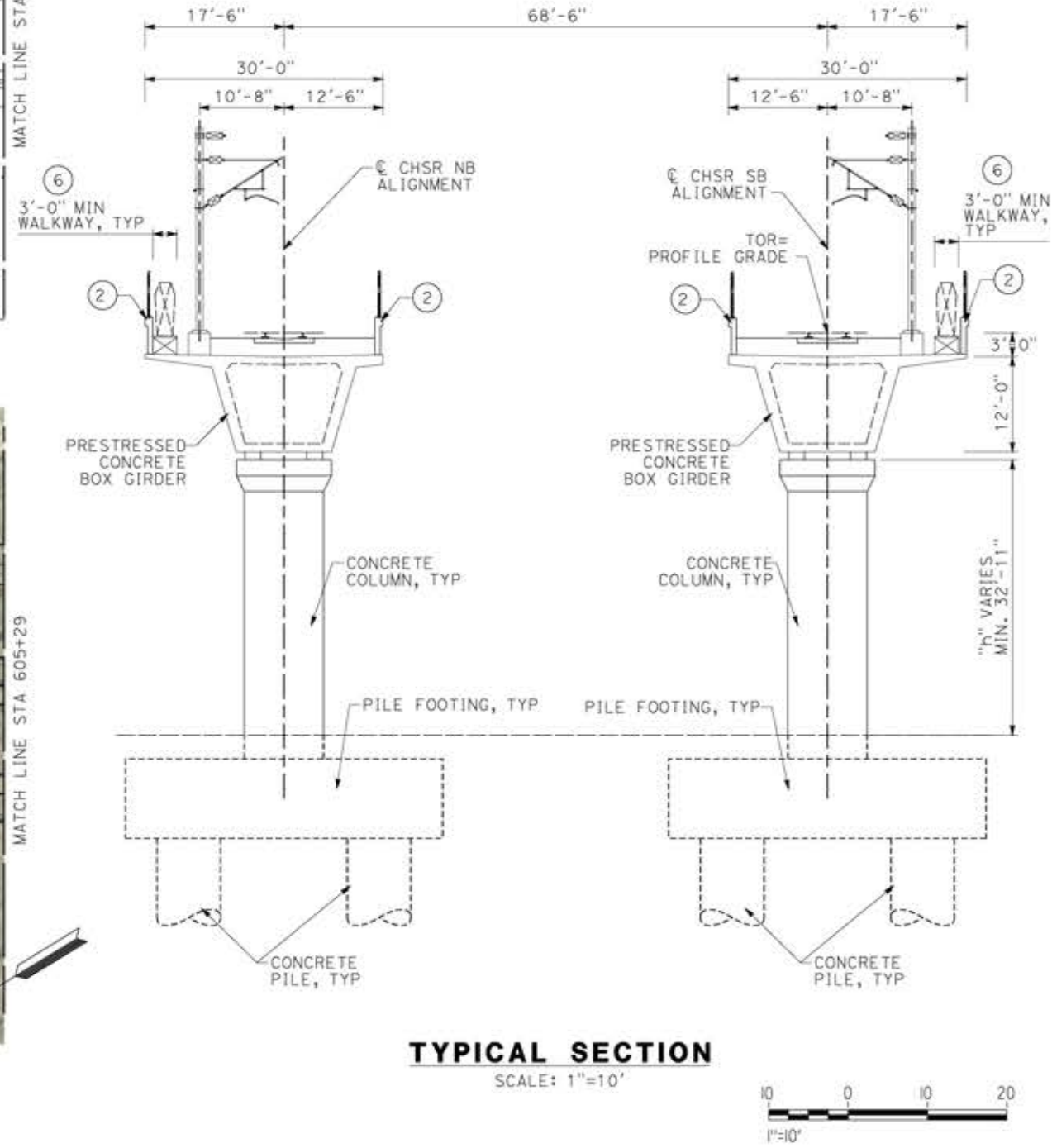
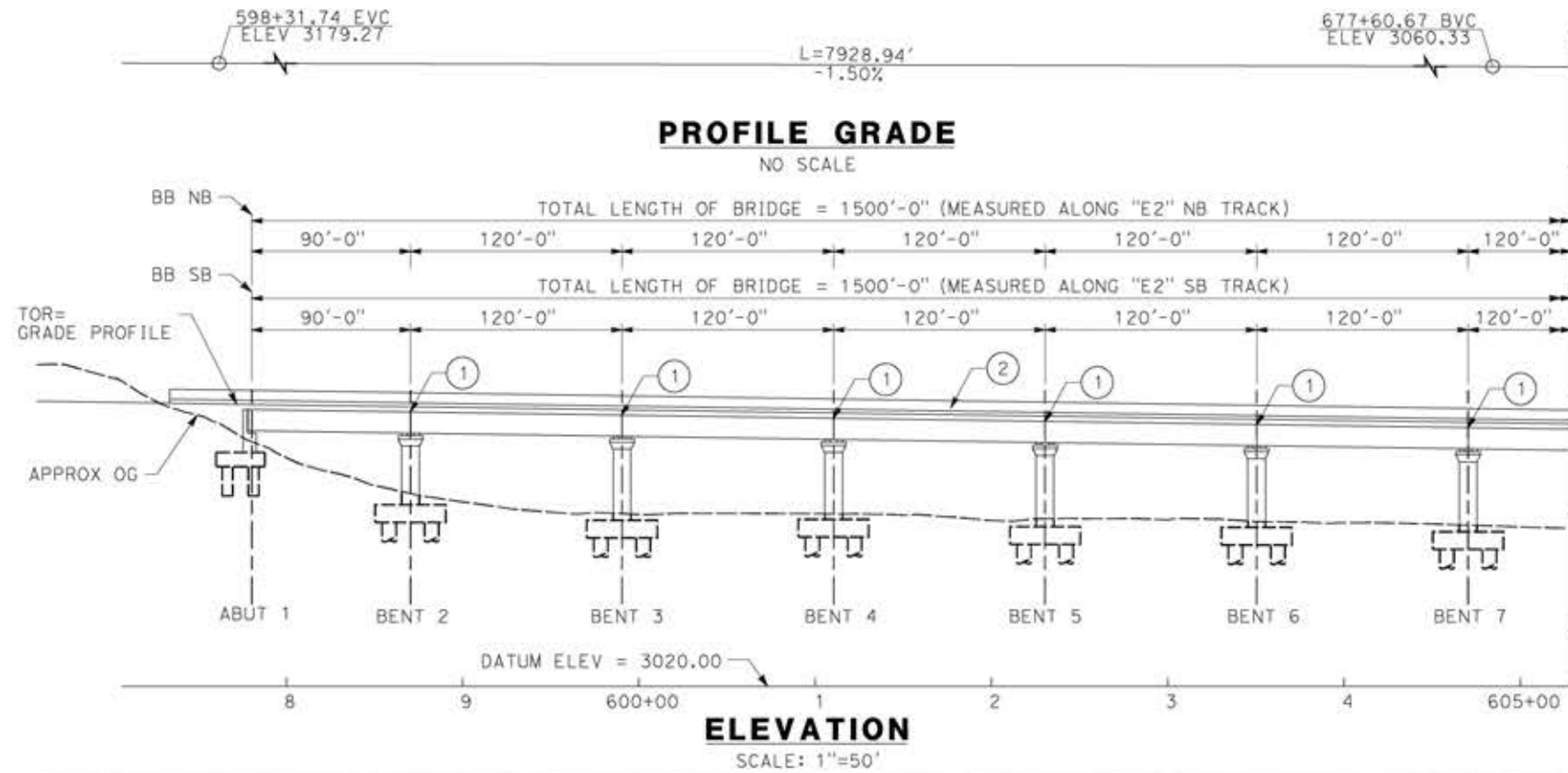
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
BARREL SPRINGS ROAD UNDERPASS
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1008-E2
SCALE
AS SHOWN
SHEET NO.

LEGEND:

-  INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
- ① EXPANSION JOINT, TYP
- ② CONCRETE BARRIER
- ③ GUARDRAIL OR PIER PROTECTION WALL
- ④ NORMALIZING SLAB
- ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
- ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



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20/05/2021 13:34:59

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION

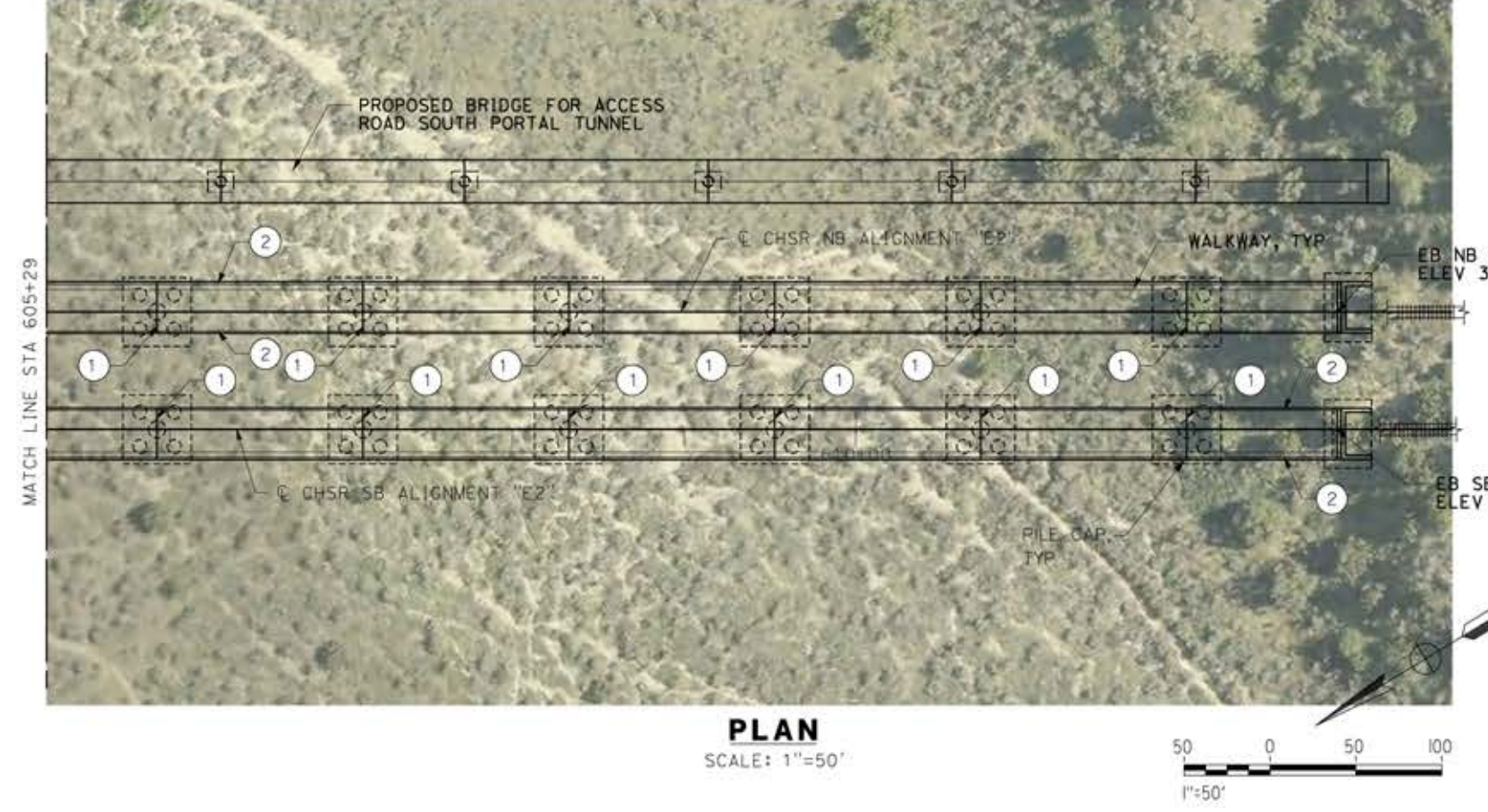
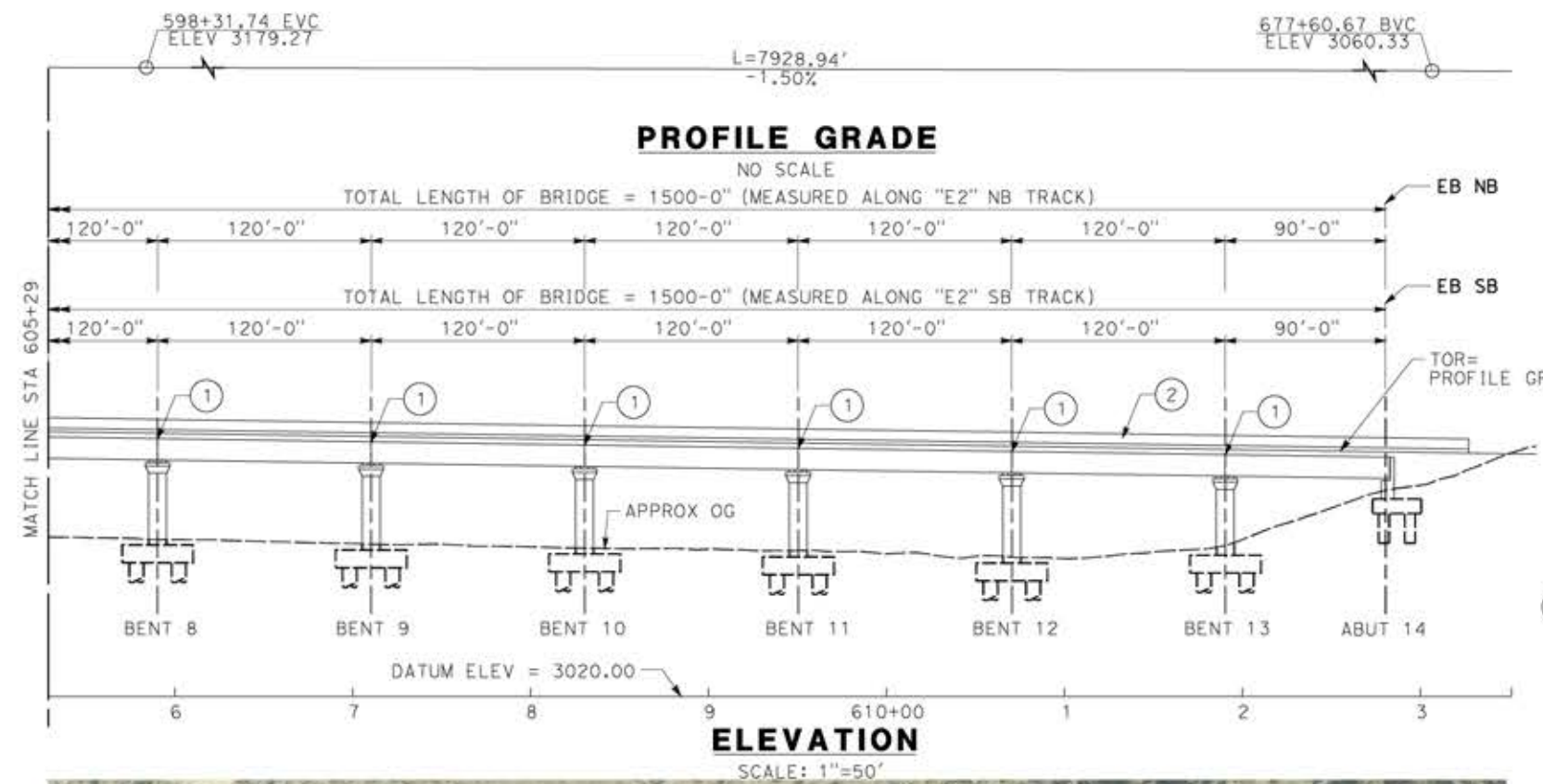


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
SOUTH OF FORESTON DRIVE VIADUCT
GENERAL PLAN
SHEET 1 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1010-E2
SCALE
AS SHOWN
SHEET NO.

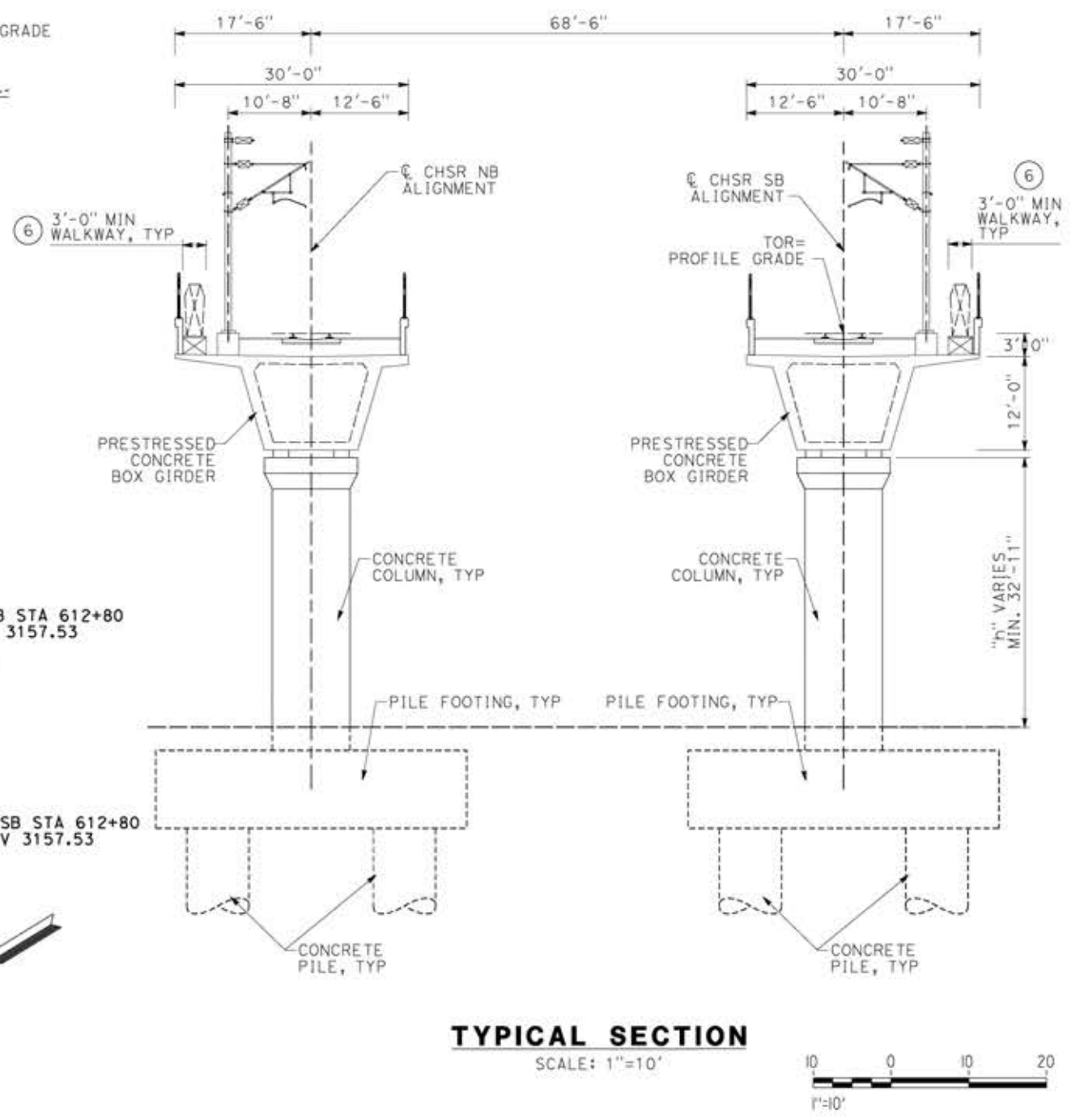
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20/05/2021 13:28:37



NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY



REV	DATE	BY	CHK	APP	DESCRIPTION

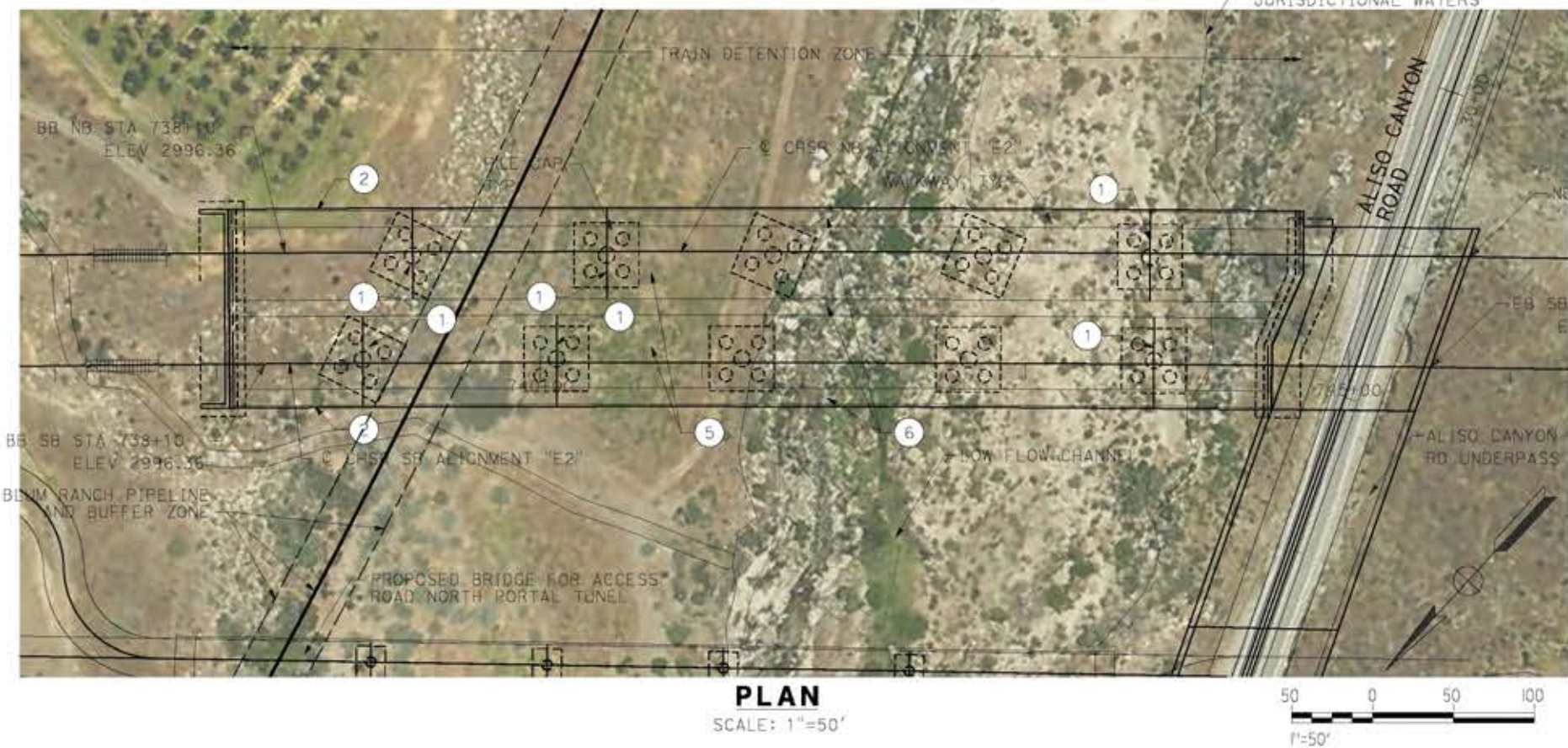
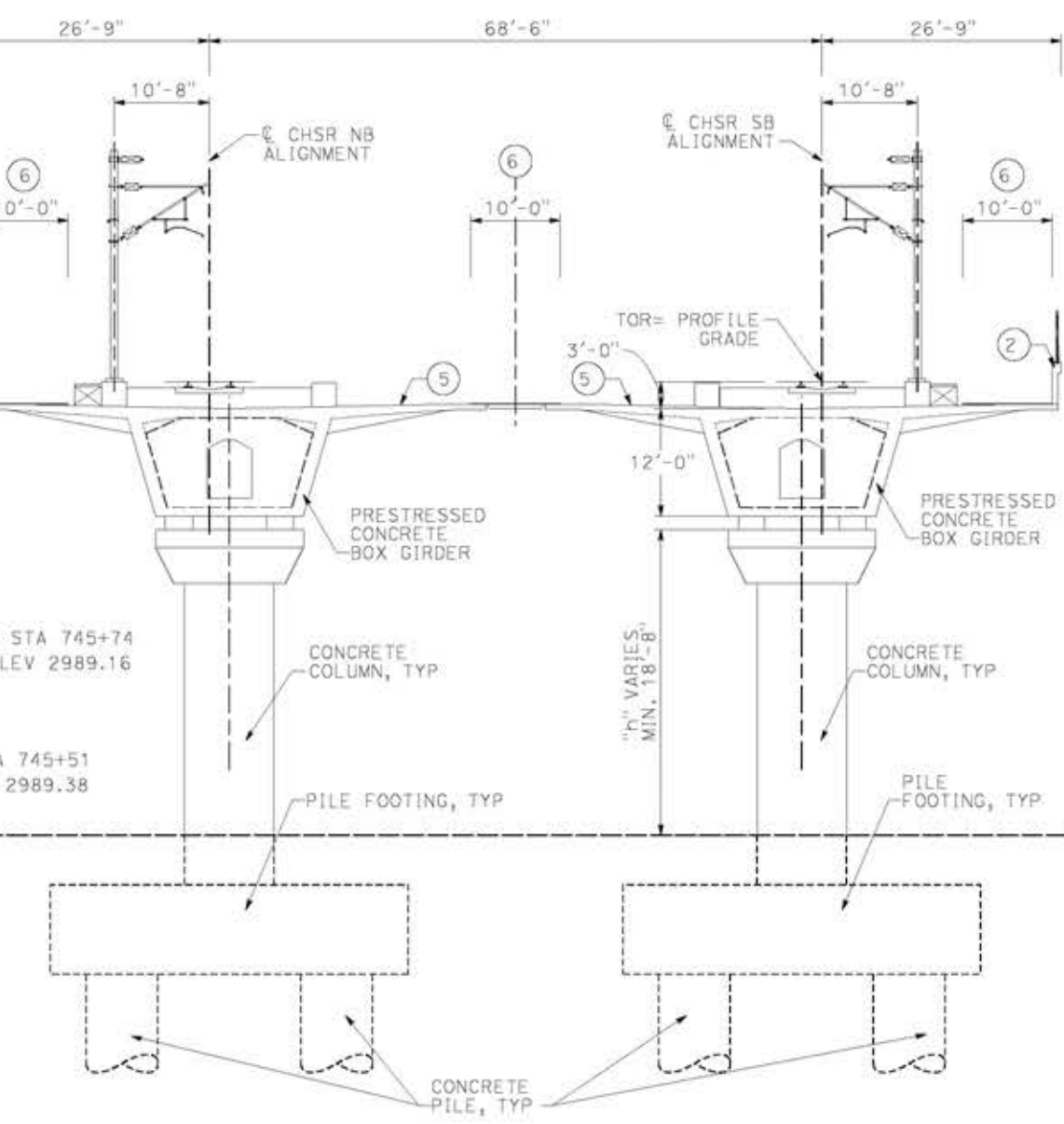
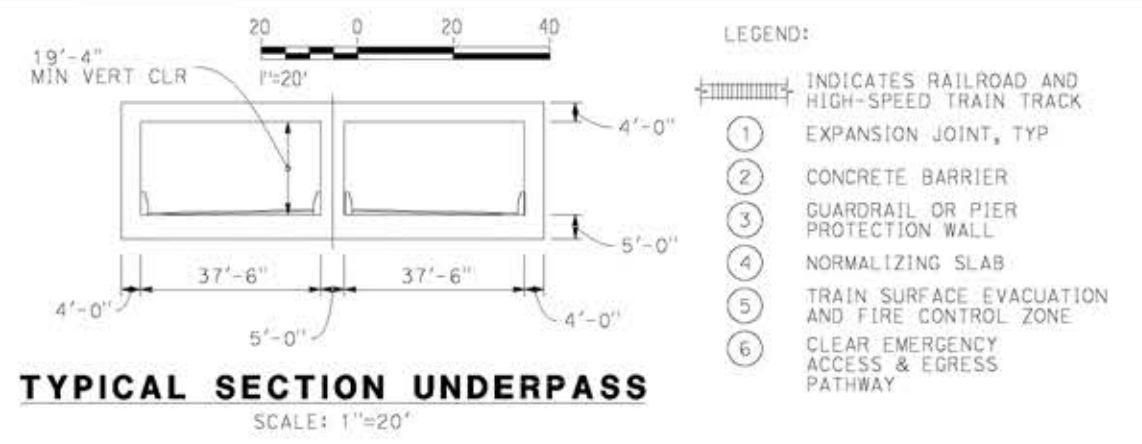
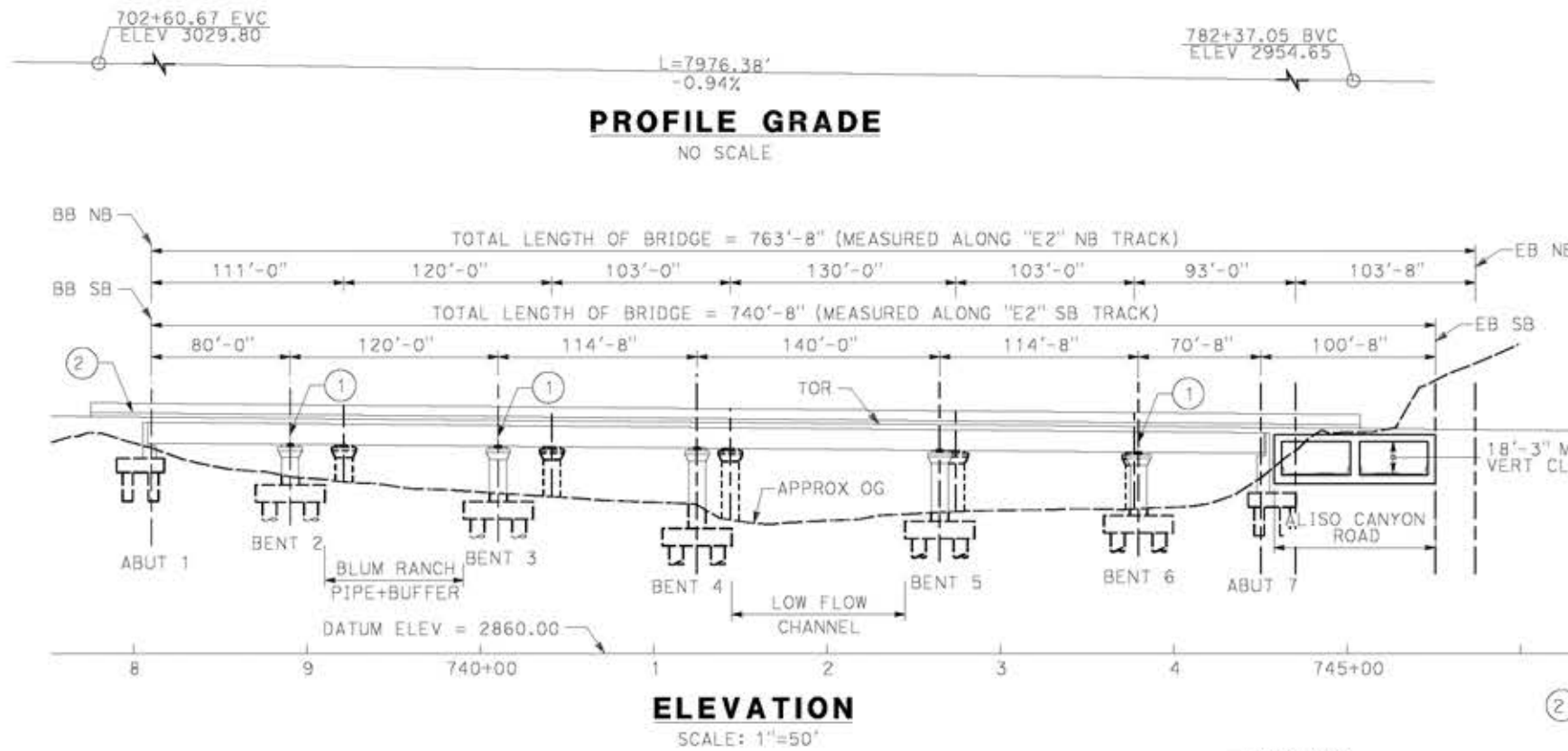
DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
SOUTH OF FORESTON DRIVE VIADUCT
GENERAL PLAN
SHEET 2 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1011-E2
SCALE
AS SHOWN
SHEET NO.



- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

14/05/2021 11:23:19
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REV	DATE	BY	CHK	APP	DESCRIPTION

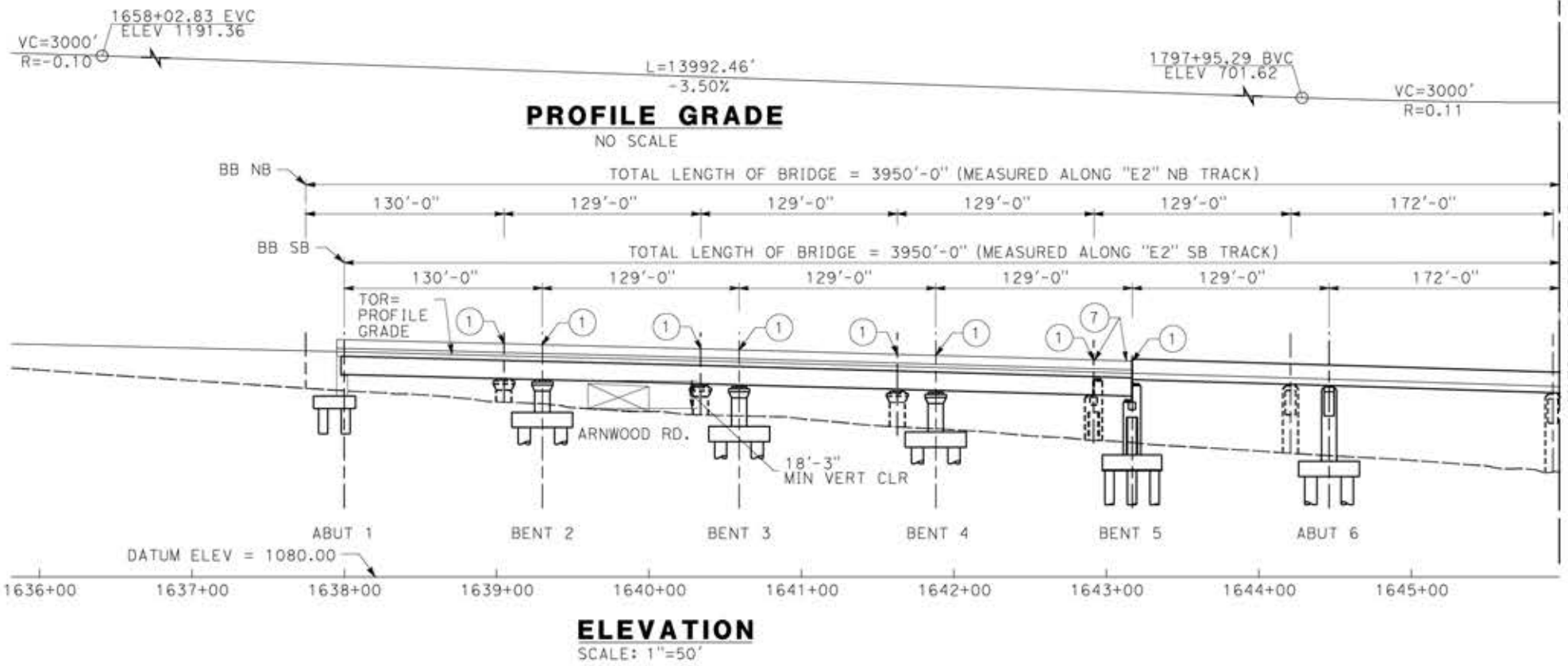
DESIGNED BY
A. MOLINA
 DRAWN BY
J. LOPEZ
 CHECKED BY
J. REVOLTOS
 IN CHARGE
A. RELANO
 DATE
04/30/2021

PEPD RECORD SET
 REV 02
NOT FOR CONSTRUCTION



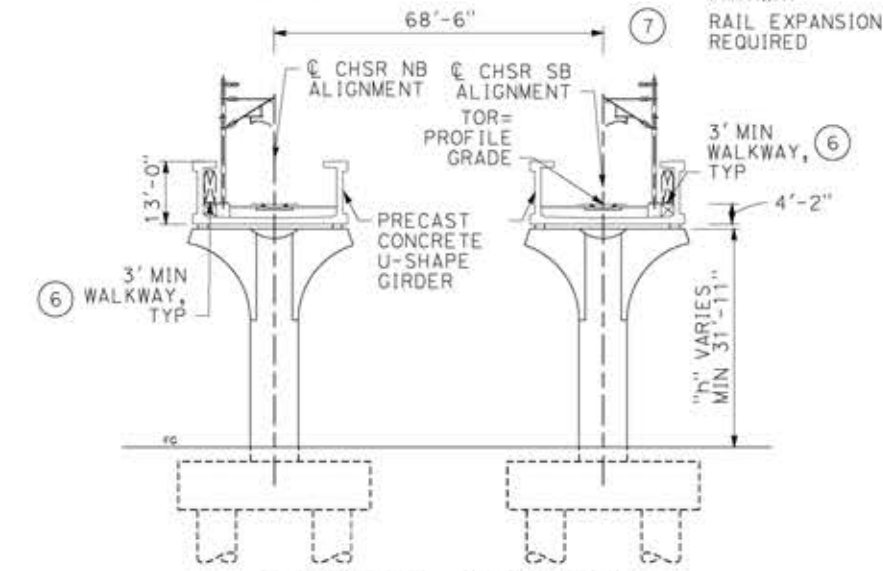
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 ALISO CANYON VIADUCT
 GENERAL PLAN

CONTRACT NO.
 HSR14-42
 DRAWING NO.
 ST-J1012-E2
 SCALE
 AS SHOWN
 SHEET NO.

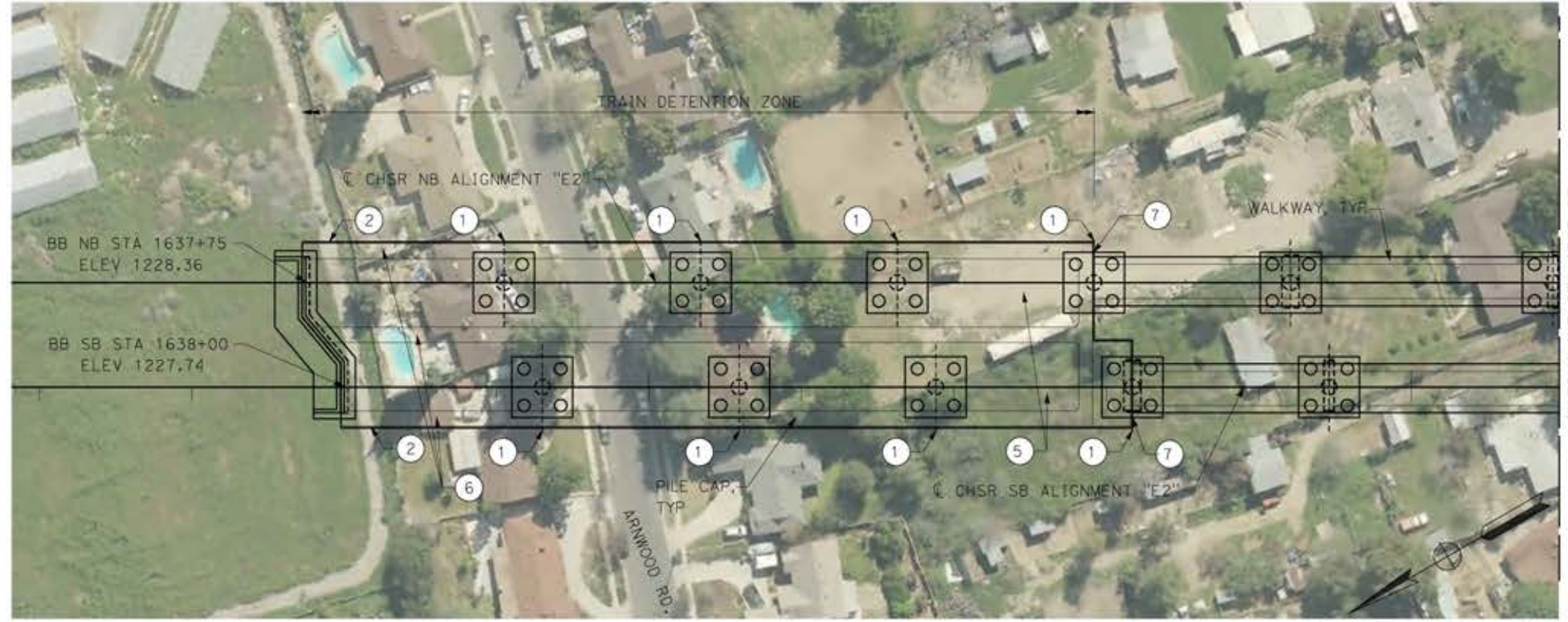


NOTE:
 ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PECD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

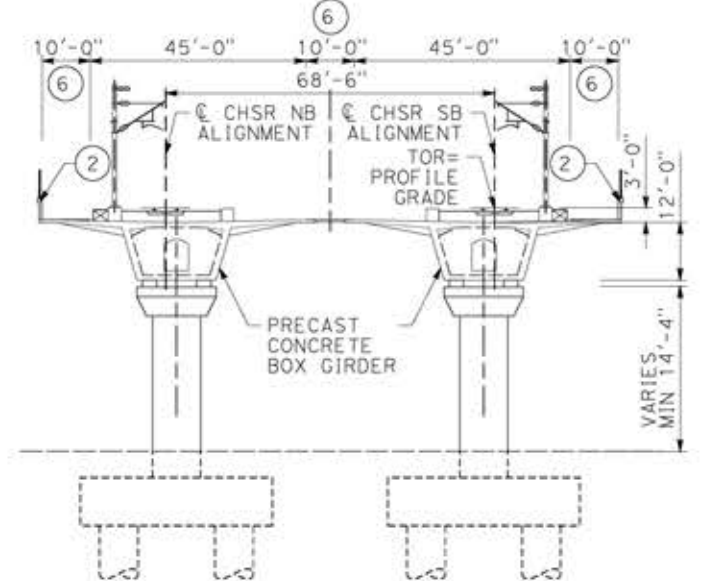
- LEGEND:
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY
 - ⑦ RAIL EXPANSION JOINT REQUIRED



TYPICAL SECTION
 SCALE: 1"=20'



PLAN
 SCALE: 1"=50'



TYPICAL SECTION AT TRAIN DETENTION ZONE
 SCALE: 1"=20'

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18/05/2021 14:09:25

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PECD RECORD SET
 REV 02

NOT FOR CONSTRUCTION



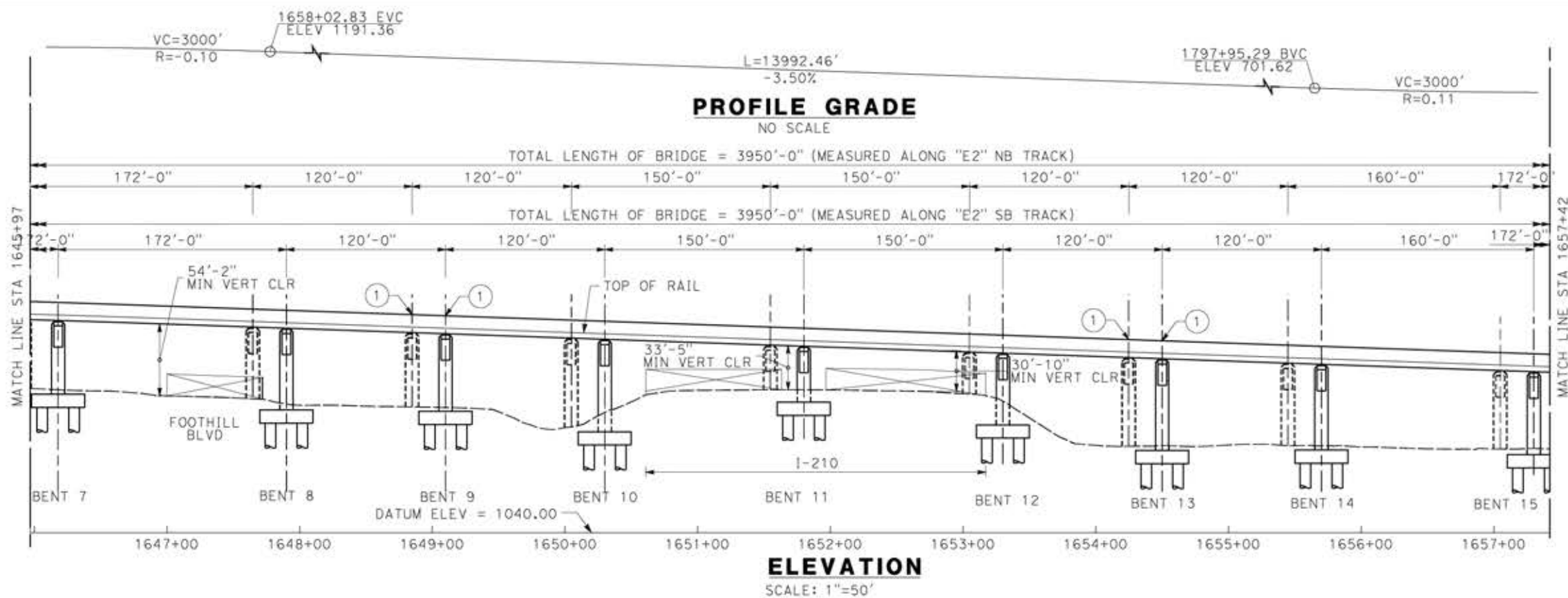
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TUJUNGA WASH / I-210 VIADUCT
 GENERAL PLAN
 SHEET 1 OF 4

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1013-E2

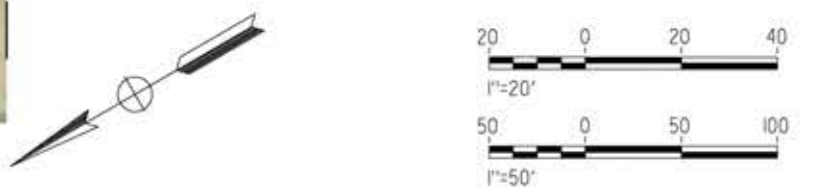
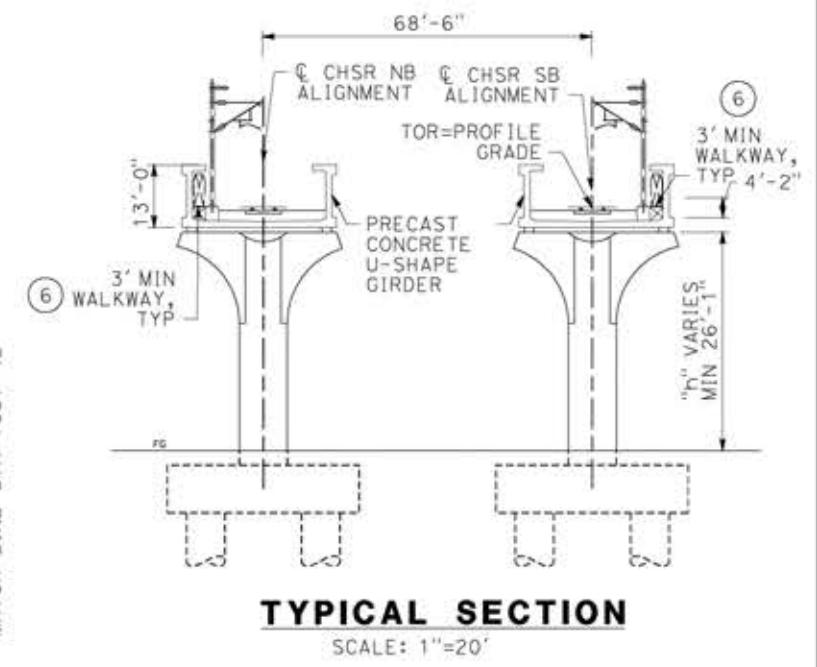
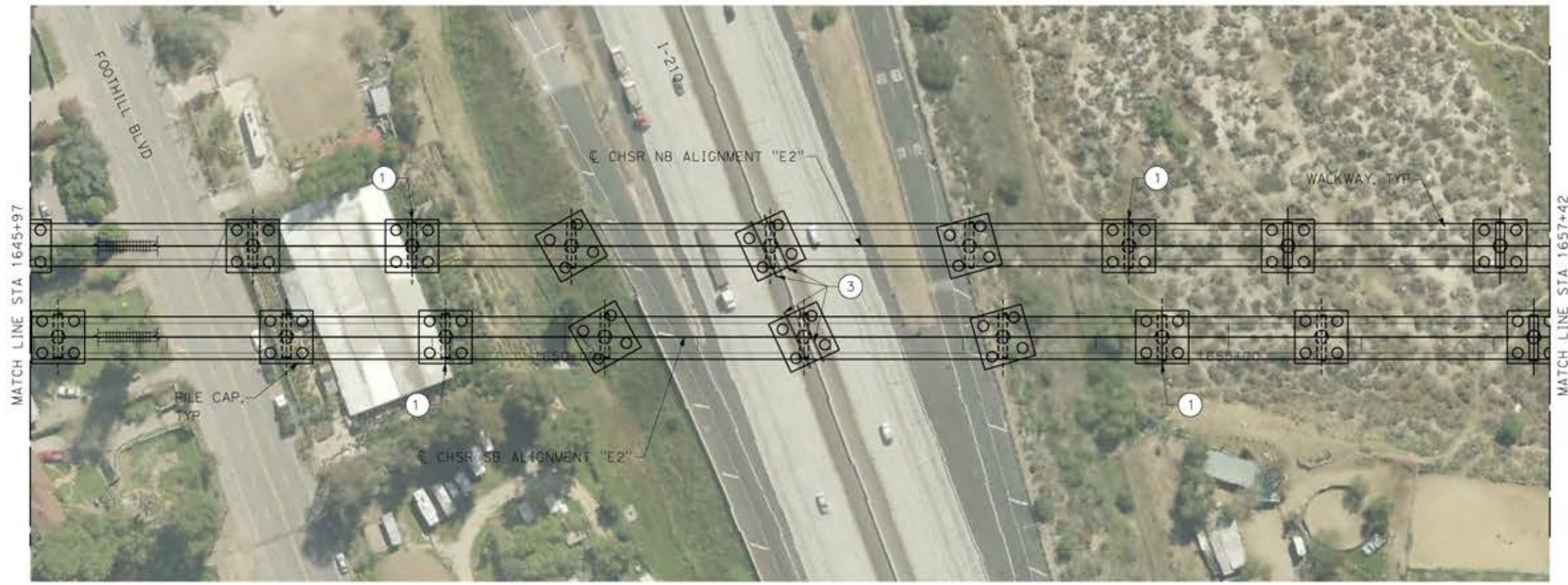
SCALE
AS SHOWN

SHEET NO.



- LEGEND:
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - ① EXPANSION JOINT, TYP
 - ② CONCRETE BARRIER
 - ③ GUARDRAIL OR PIER PROTECTION WALL
 - ④ NORMALIZING SLAB
 - ⑤ TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - ⑥ CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

NOTE:
 ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



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18/05/2021 14:11:11

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR
CONSTRUCTION



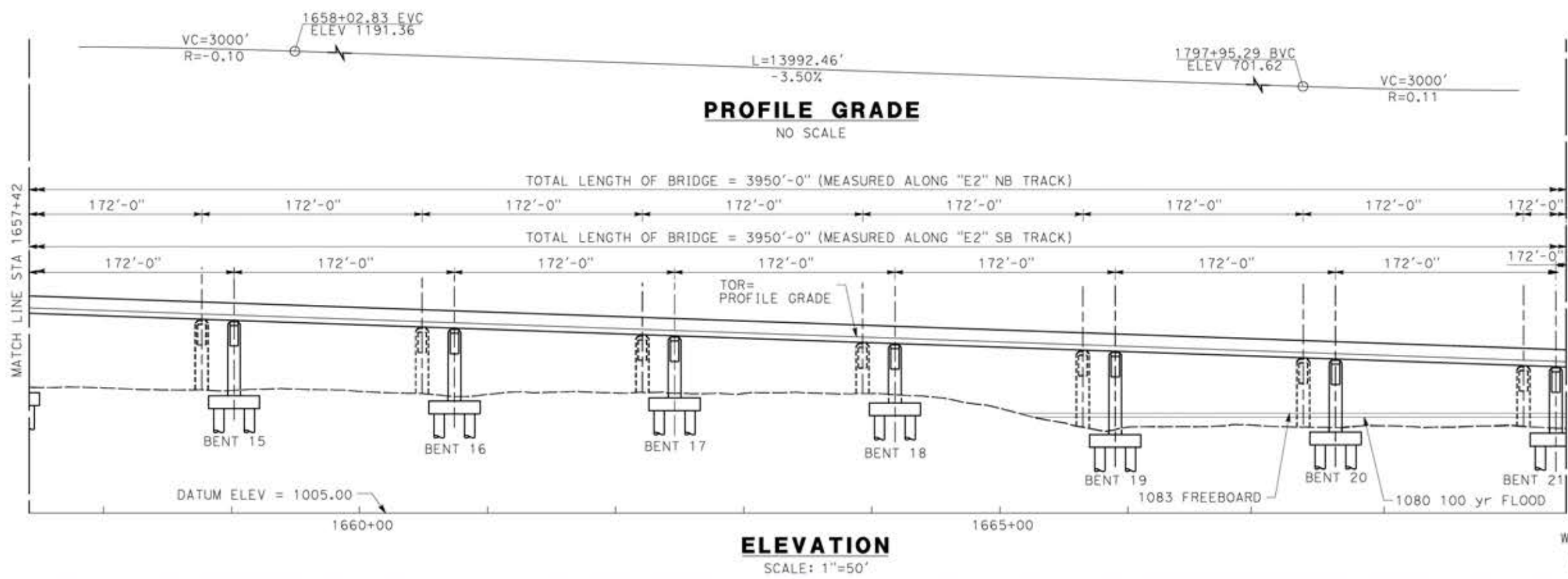
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 TUJUNGA WASH / I-210 VIADUCT
 GENERAL PLAN
 SHEET 2 OF 4

CONTRACT NO.
HSR14-42

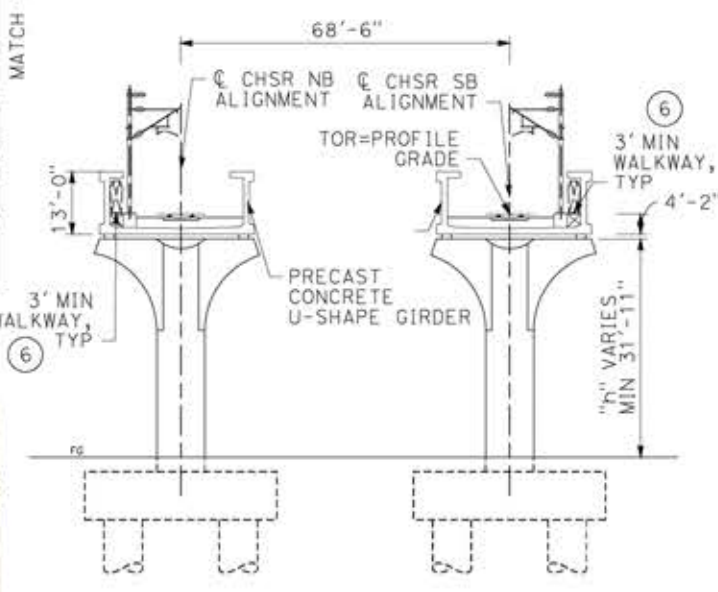
DRAWING NO.
ST-J1014-E2

SCALE
AS SHOWN

SHEET NO.



- LEGEND:**
- INDICATES RAILROAD AND HIGH-SPEED TRAIN TRACK
 - 1 EXPANSION JOINT, TYP
 - 2 CONCRETE BARRIER
 - 3 GUARDRAIL OR PIER PROTECTION WALL
 - 4 NORMALIZING SLAB
 - 5 TRAIN SURFACE EVACUATION AND FIRE CONTROL ZONE
 - 6 CLEAR EMERGENCY ACCESS & EGRESS PATHWAY

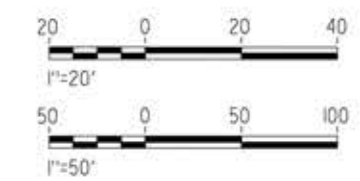


TYPICAL SECTION
SCALE: 1"=20'

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



PLAN
SCALE: 1"=50'



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18/05/2021 14:12:52

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK

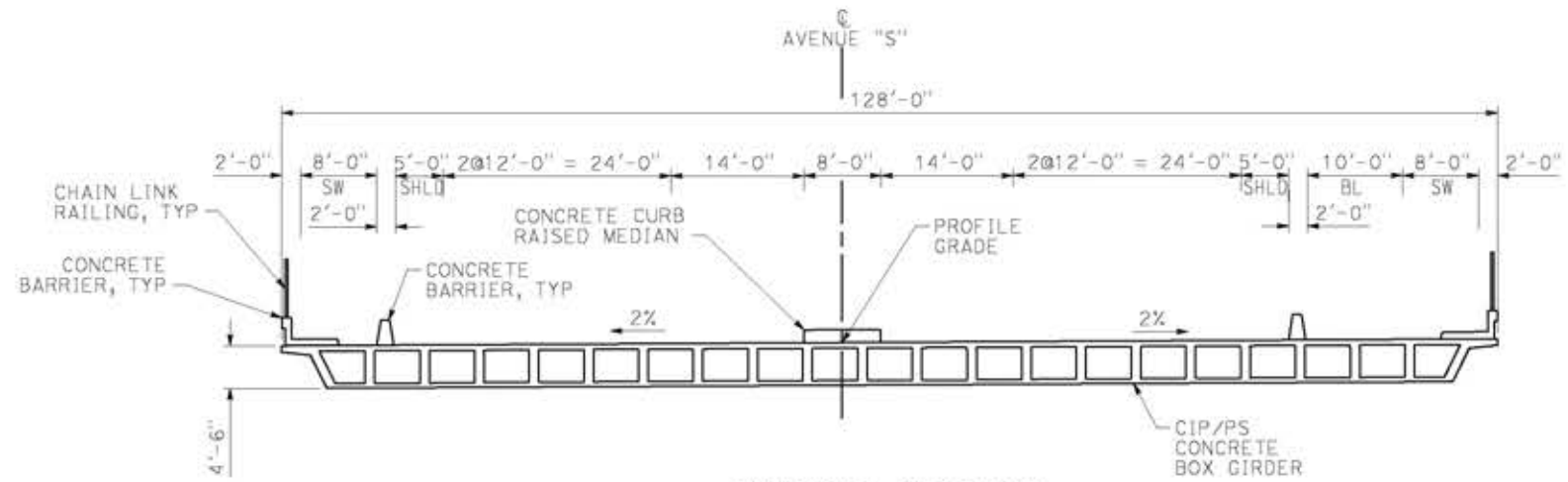
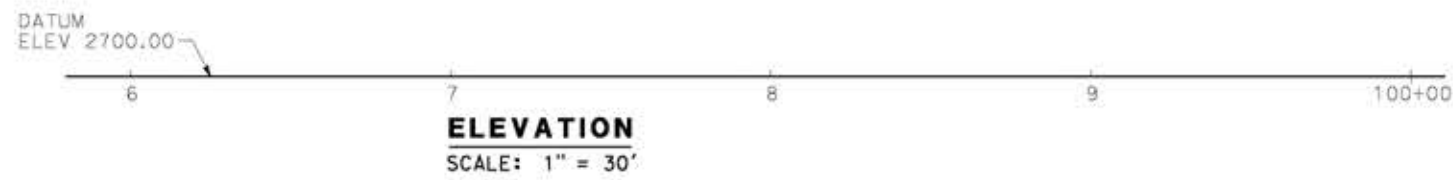
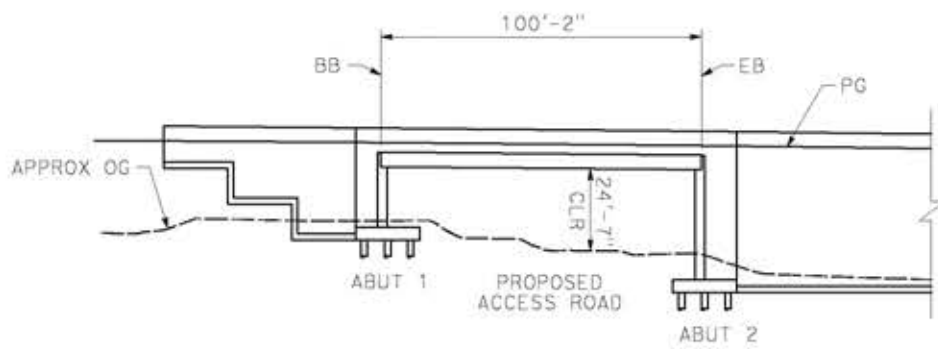
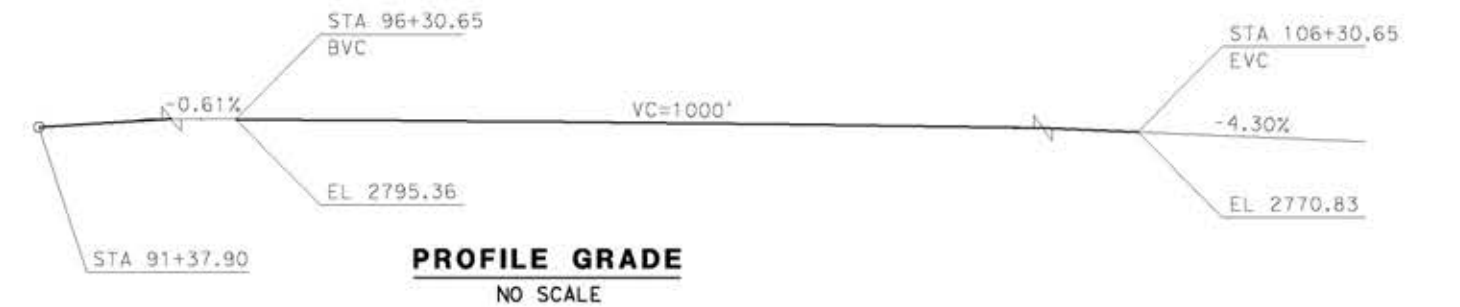
ALIGNMENT "E2"
TUJUNGA WASH / I-210 VIADUCT
GENERAL PLAN
SHEET 3 OF 4

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1015-E2

SCALE
AS SHOWN

SHEET NO.

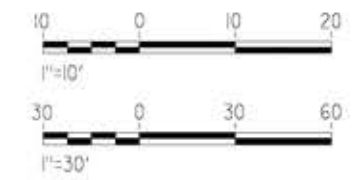


TYPICAL SECTION
SCALE: 1" = 10'



- LEGEND:**
- INDICATES BRIDGE REMOVAL PORTION
 - STRUCTURE APPROACH SLAB TYPE N(30S)
 - INDICATES NEW CONSTRUCTION
 - INDICATES FOUNDATION OR HIDDEN LINES
 - MINIMUM VERTICAL CLEARANCE
 - INDICATES DIRECTION OF TRAFFIC

NOTES:
SEE GENERAL NOTES PLAN



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14/05/2021 11:27:13

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

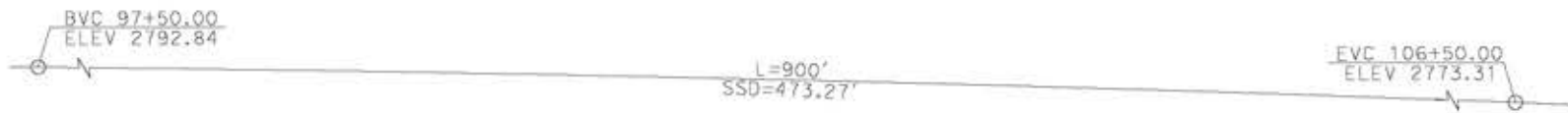
DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION

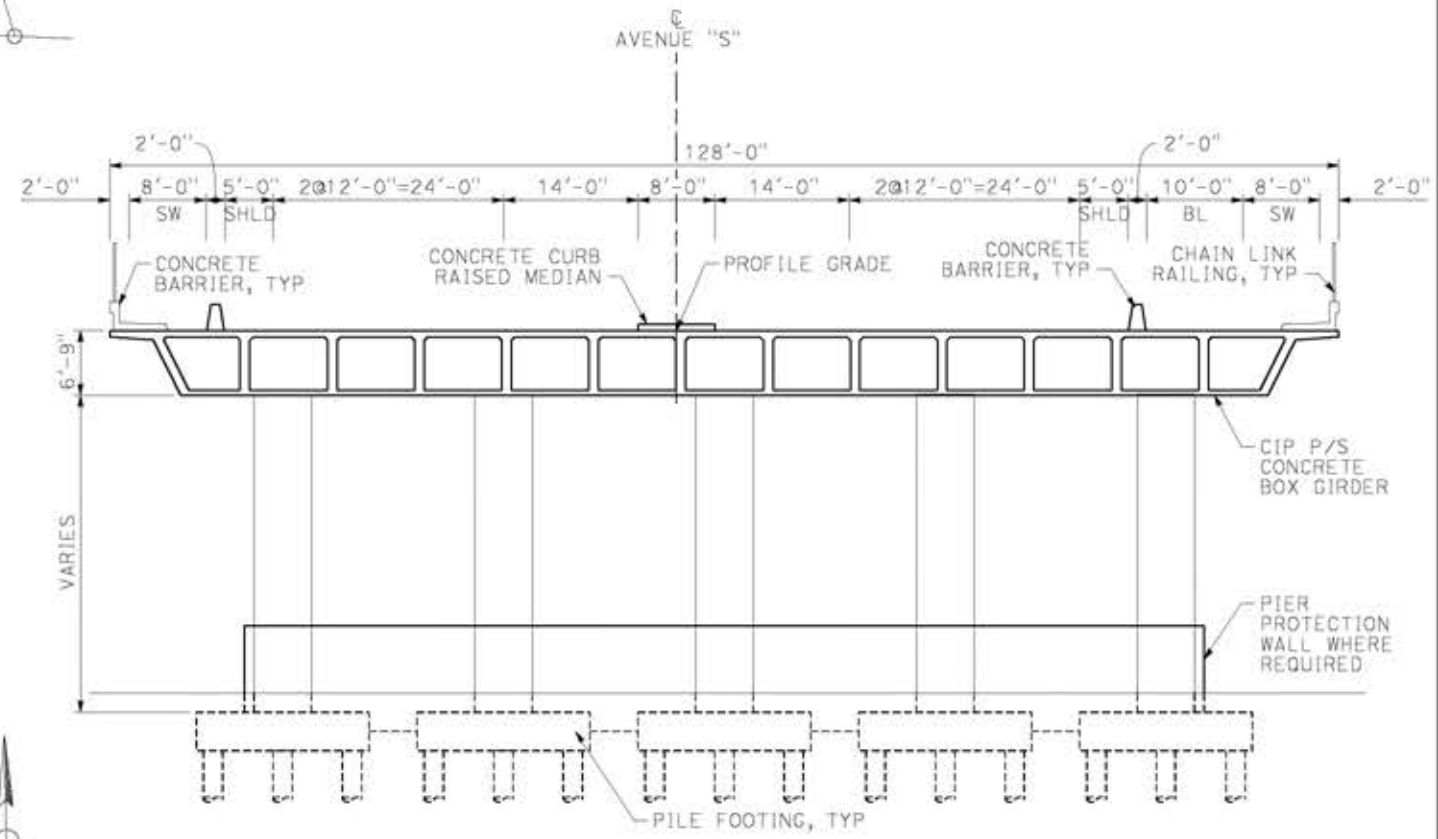
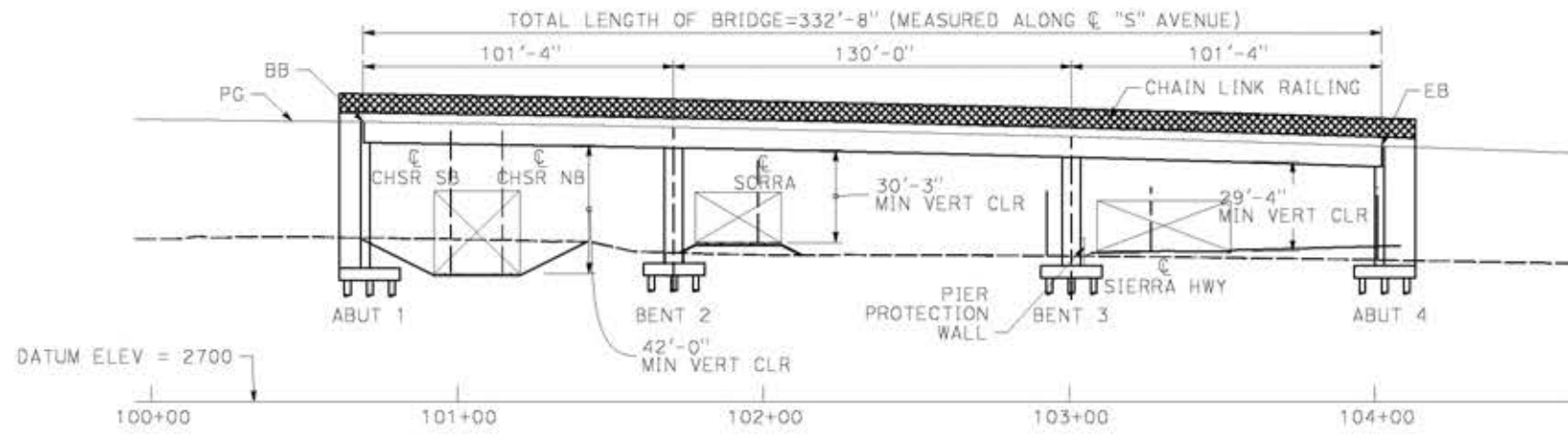


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
AVENUE S OVERCROSSING
GENERAL PLAN

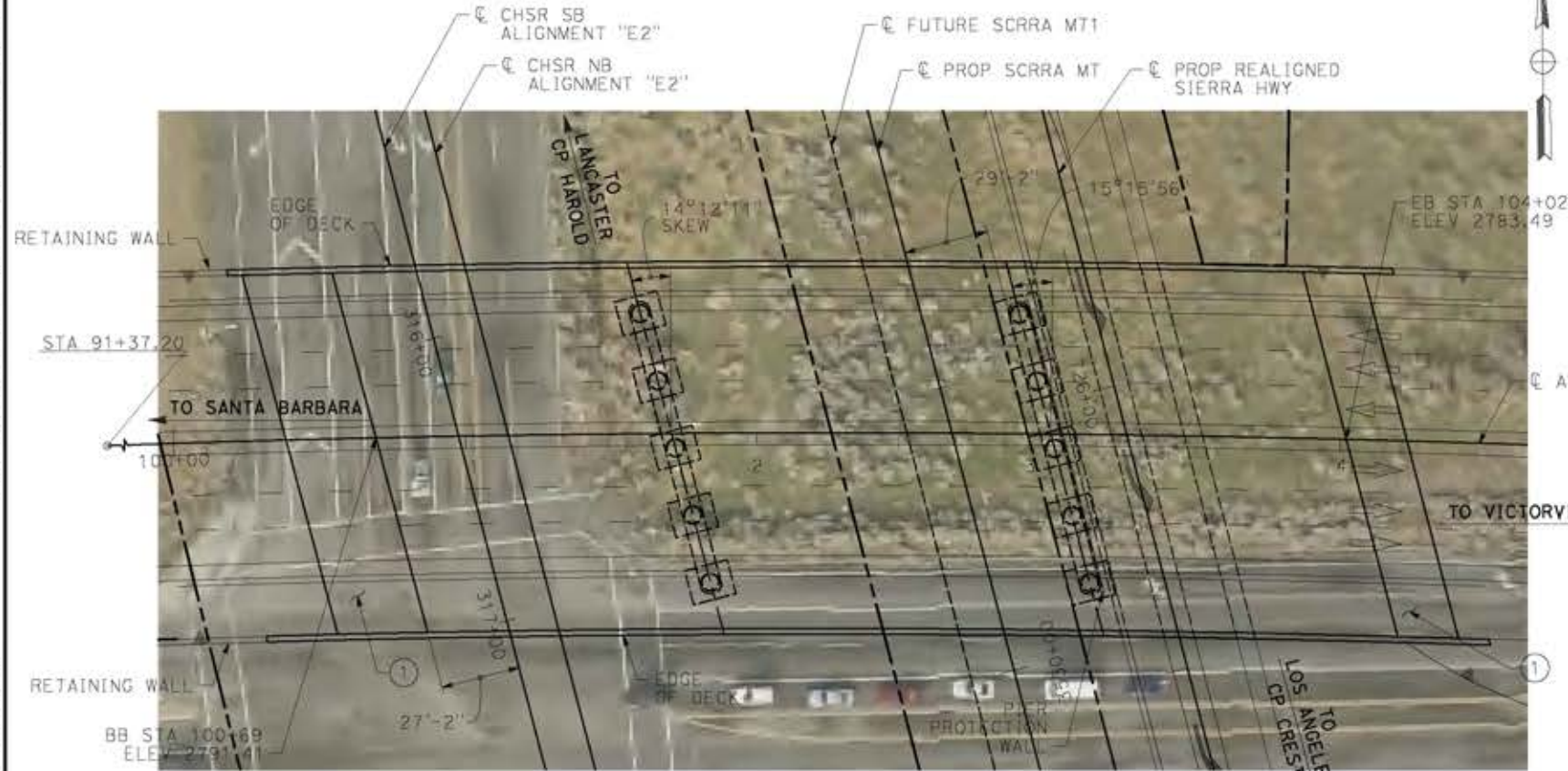
CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1404-E2
SCALE
AS SHOWN
SHEET NO.



PROFILE GRADE
NO SCALE



TYPICAL SECTION
SCALE: 1" = 10'



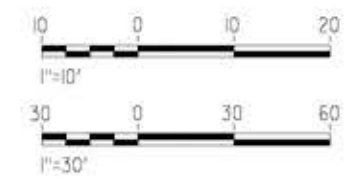
PLAN
SCALE: 1" = 30'

LEGEND:

- INDICATES BRIDGE REMOVAL PORTION
- STRUCTURE APPROACH SLAB TYPE N(30S)
- INDICATES NEW CONSTRUCTION
- INDICATES FOUNDATION OR HIDDEN LINES
- MINIMUM VERTICAL CLEARANCE
- INDICATES DIRECTION OF TRAFFIC

NOTES:

SEE GENERAL NOTES PLAN



14/05/2021 11:27:57
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



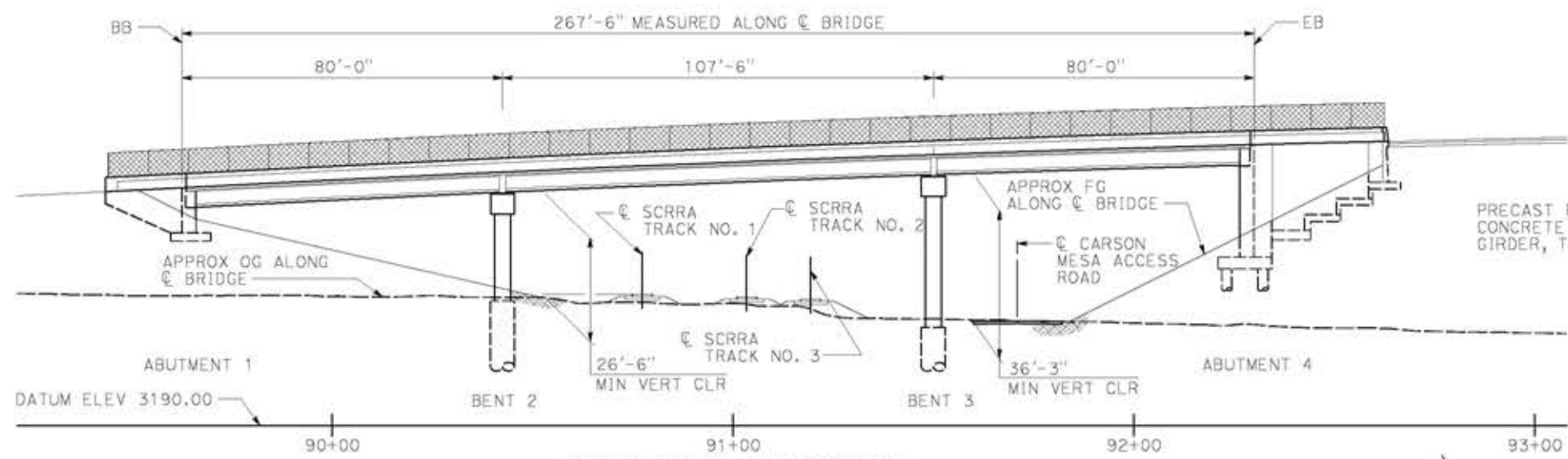
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
AVENUE S OVERHEAD
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1405-E2
SCALE
AS SHOWN
SHEET NO.



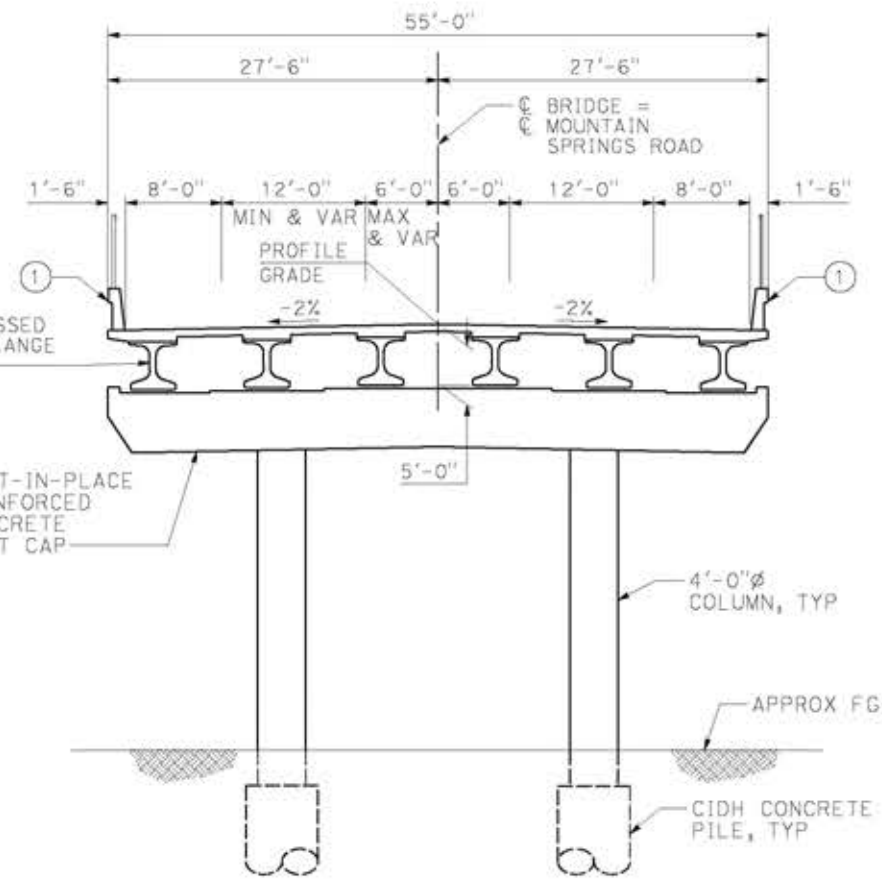
PROFILE GRADE - MOUNTAIN SPRINGS ROAD

NO SCALE



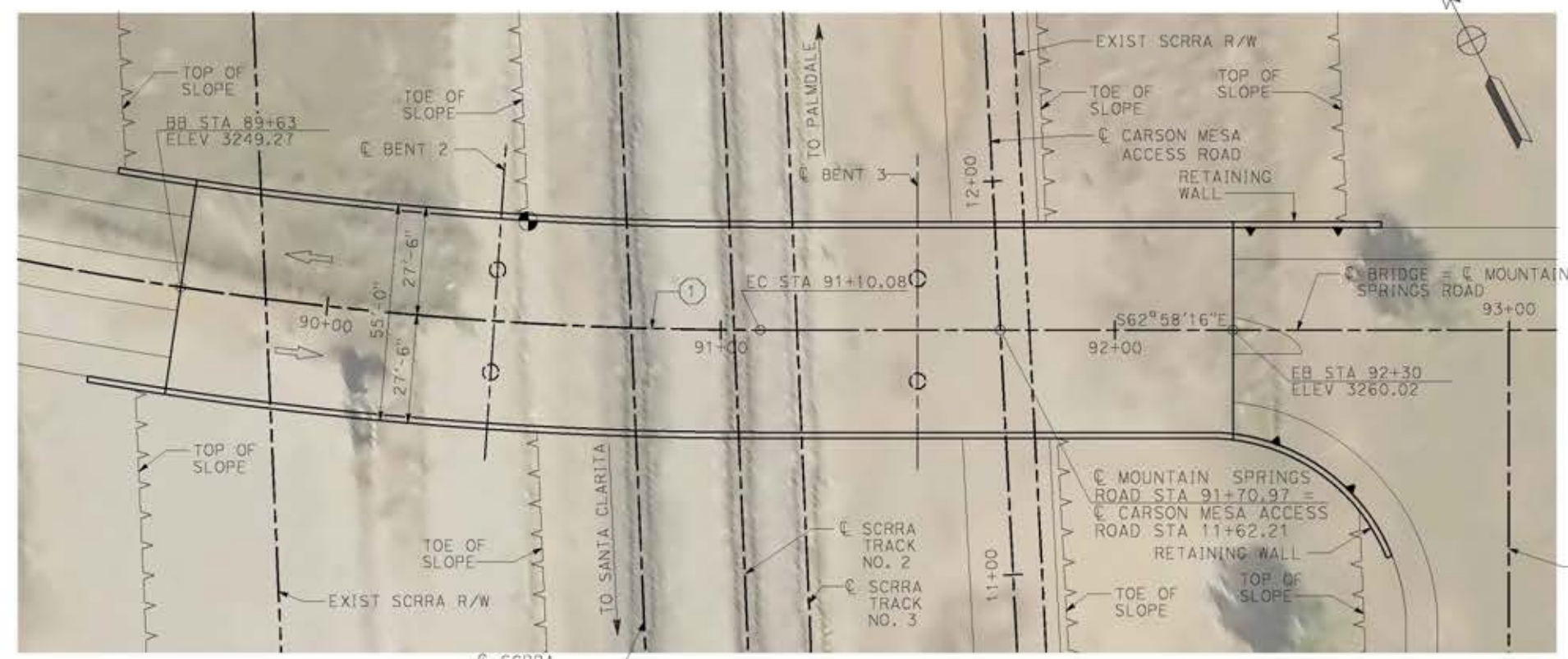
DEVELOPED ELEVATION

SCALE: 1" = 20'



TYPICAL SECTION

SCALE: 1/8" = 1'-0"



PLAN

SCALE: 1" = 20'

LEGEND:

- ① TYPE 742 BARRIER WITH TYPE 7 CHAIN LINK FENCE
- INDICATES NEW CONSTRUCTION
- - - INDICATES FOUNDATION OR PROPOSED STRUCTURE
- ← INDICATES DIRECTION OF TRAFFIC
- ⊙ INDICATES POINT OF MINIMUM VERTICAL CLEARANCE

CURVE DATA				
	R	Δ	T	L
①	1000.00'	17° 17' 39"	152.08'	301.84'



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14/05/2021 11:28:31

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



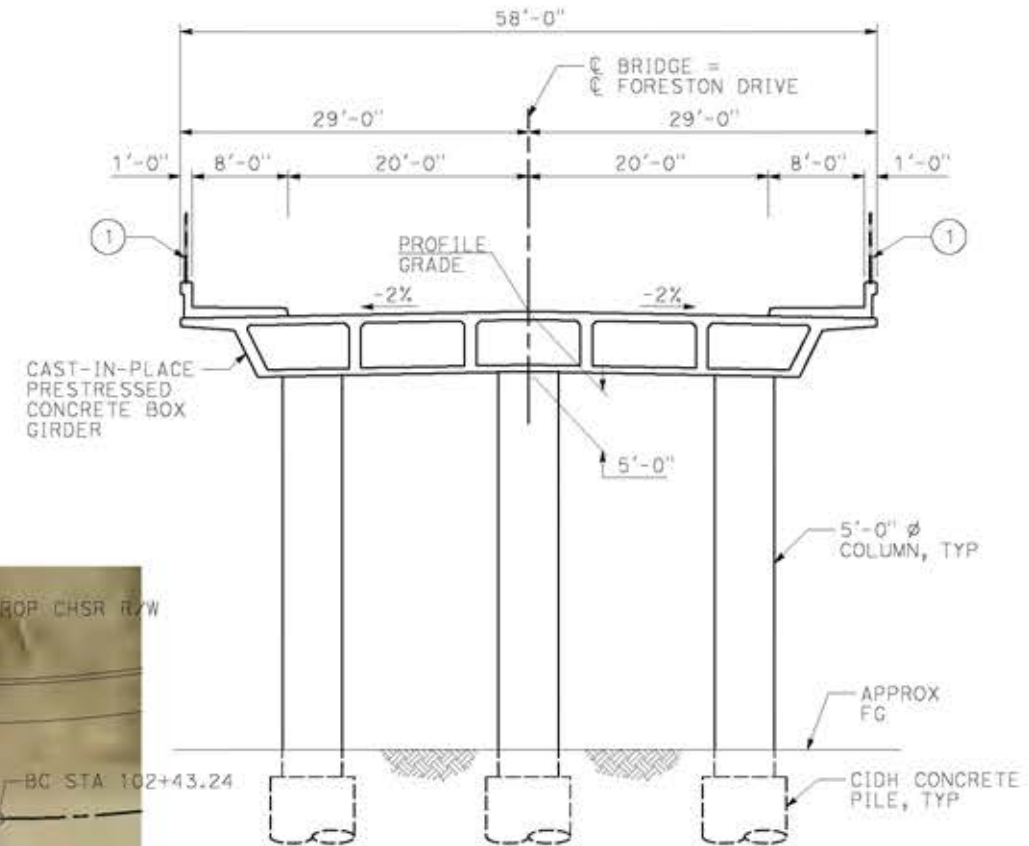
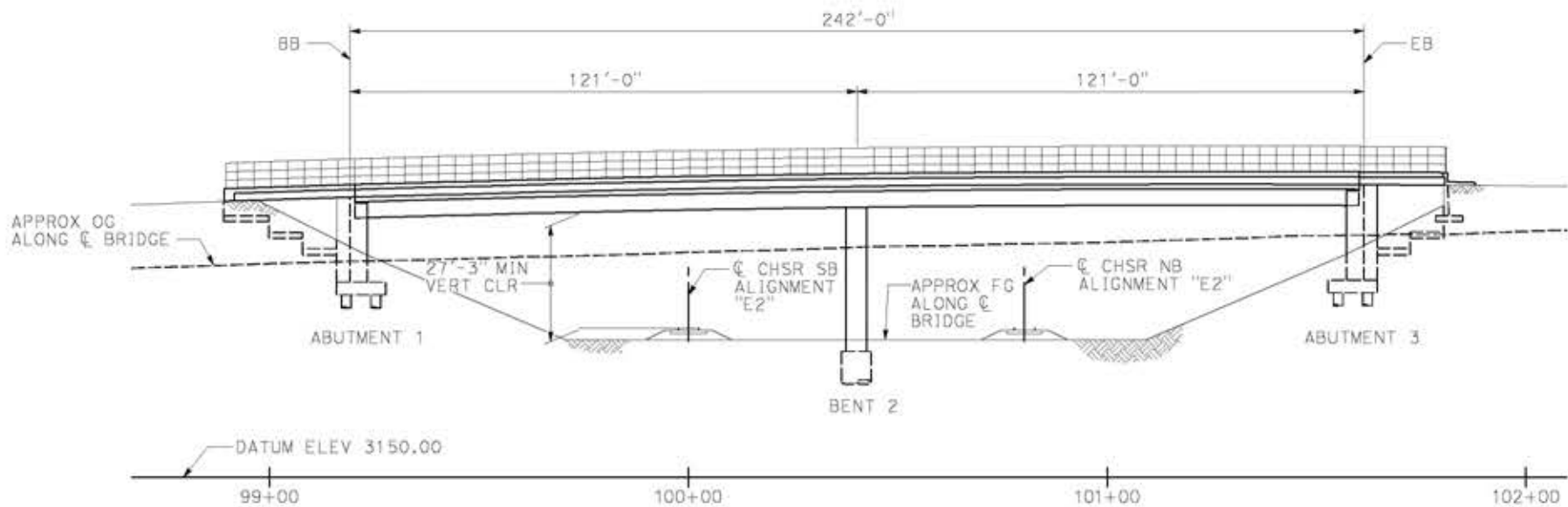
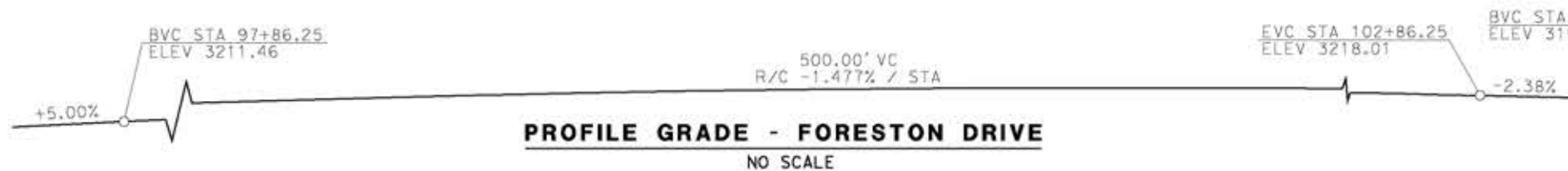
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
MOUNTAIN SPRINGS ROAD WEST OVERHEAD
GENERAL PLAN

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1406-E2

SCALE
AS SHOWN

SHEET NO.



- LEGEND:**
- ① TYPE 26 (MOD) BARRIER WITH SOLID PROTECTIVE BARRIER
 - INDICATES NEW CONSTRUCTION
 - - - INDICATES FOUNDATION OR PROPOSED STRUCTURE
 - ➔ INDICATES DIRECTION OF TRAFFIC
 - ⊙ INDICATES POINT OF MINIMUM VERTICAL CLEARANCE



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14/05/2021 11:29:05

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



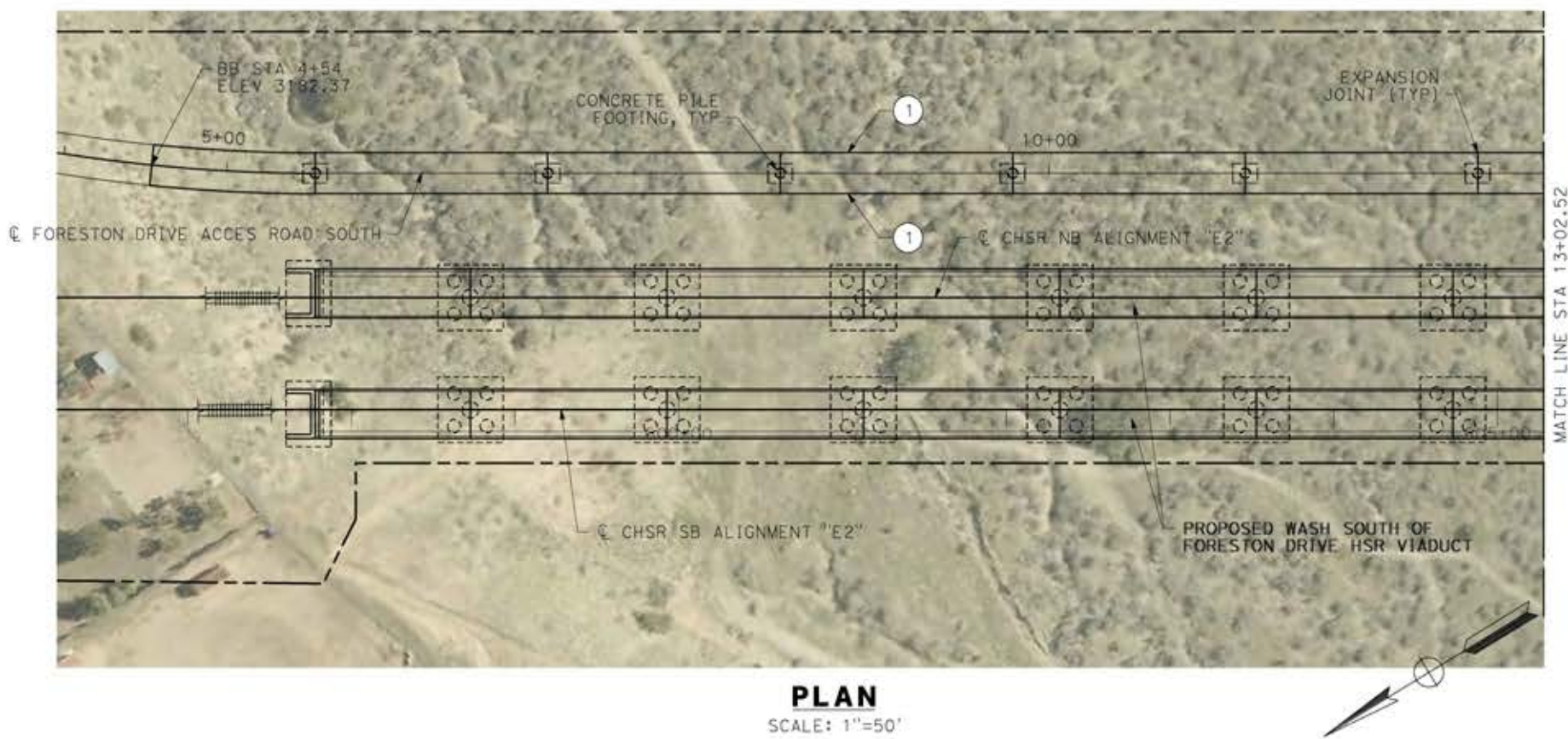
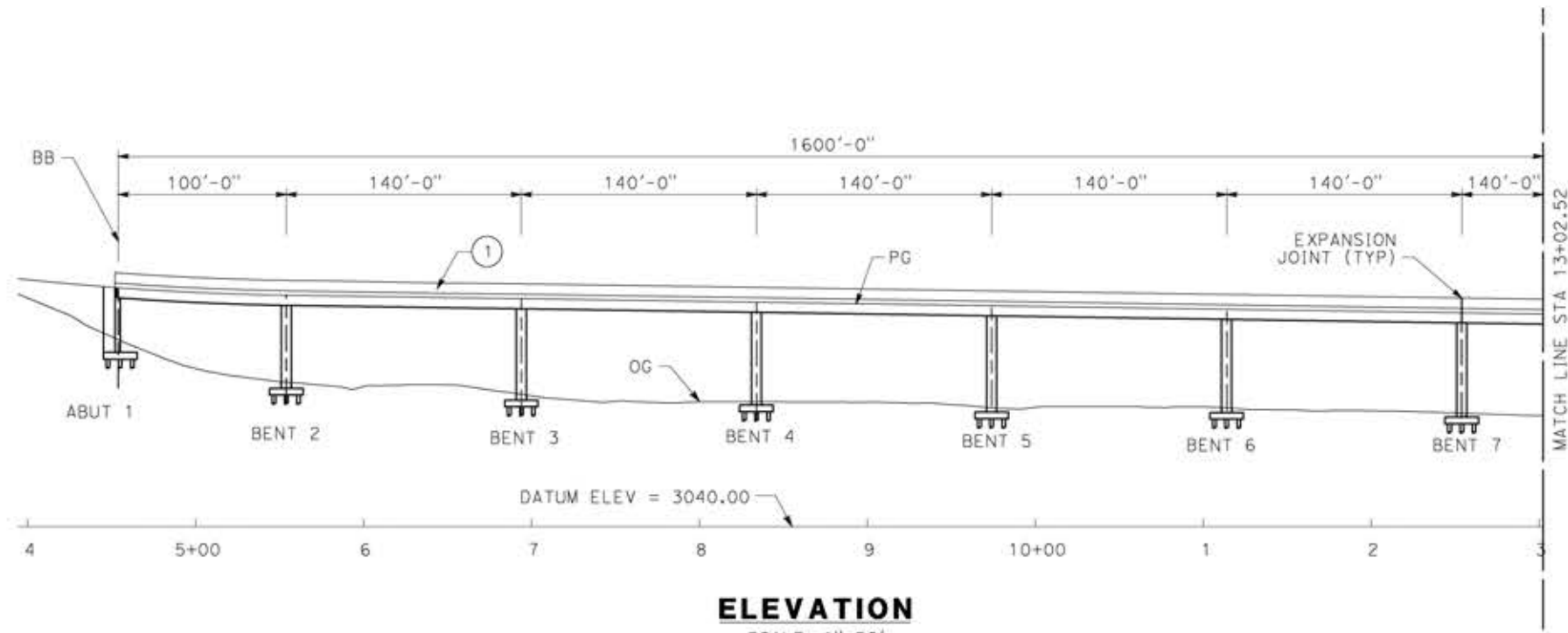
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
FORESTON DRIVE OVERHEAD
GENERAL PLAN

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1407-E2

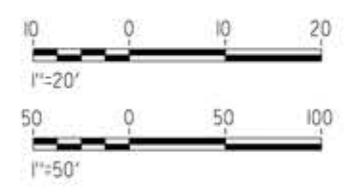
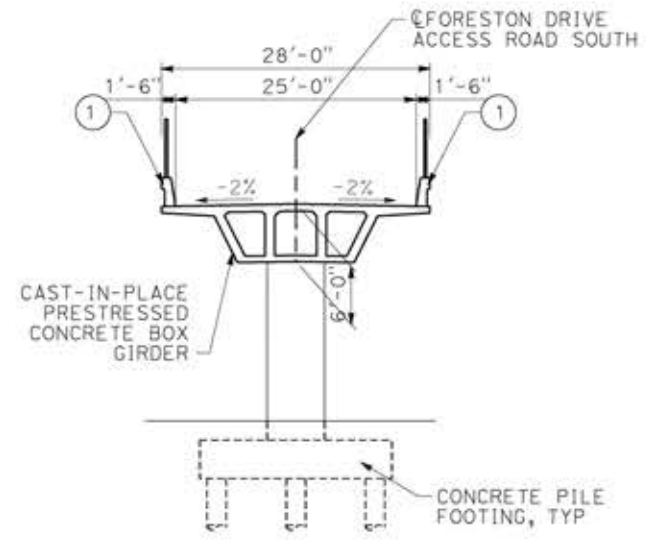
SCALE
AS SHOWN

SHEET NO.



- LEGEND:**
- ① PARAPET
 - INDICATES NEW CONSTRUCTION

NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



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18/05/2021 23:34:14

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
FORESTON SOUTH ACCESS ROAD
GENERAL PLAN
SHEET 1 OF 2

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1408-E2

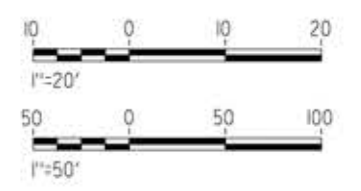
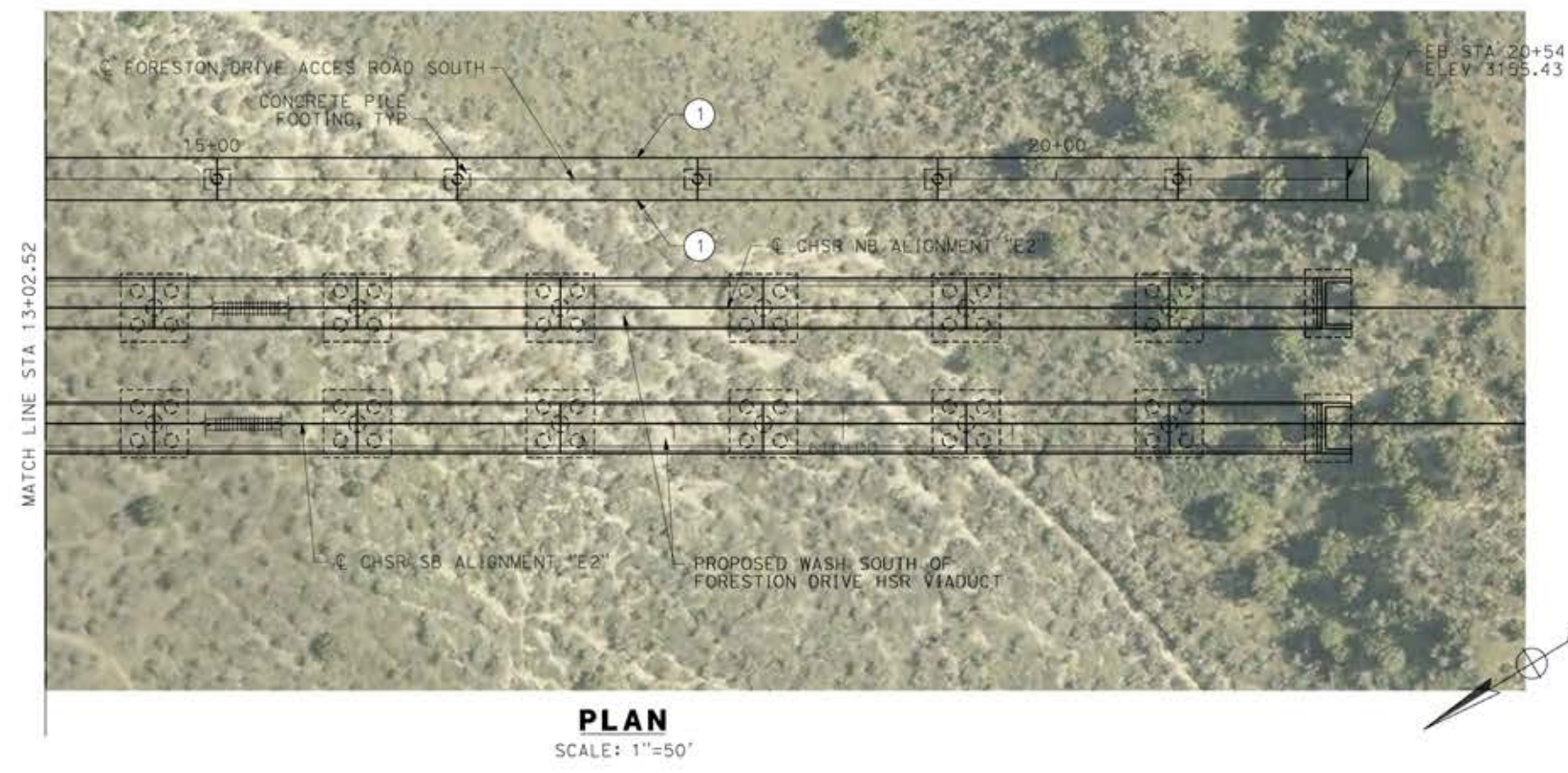
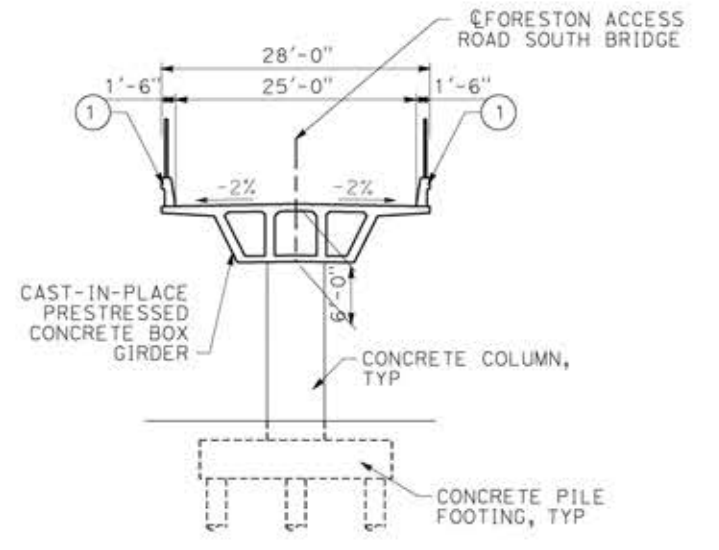
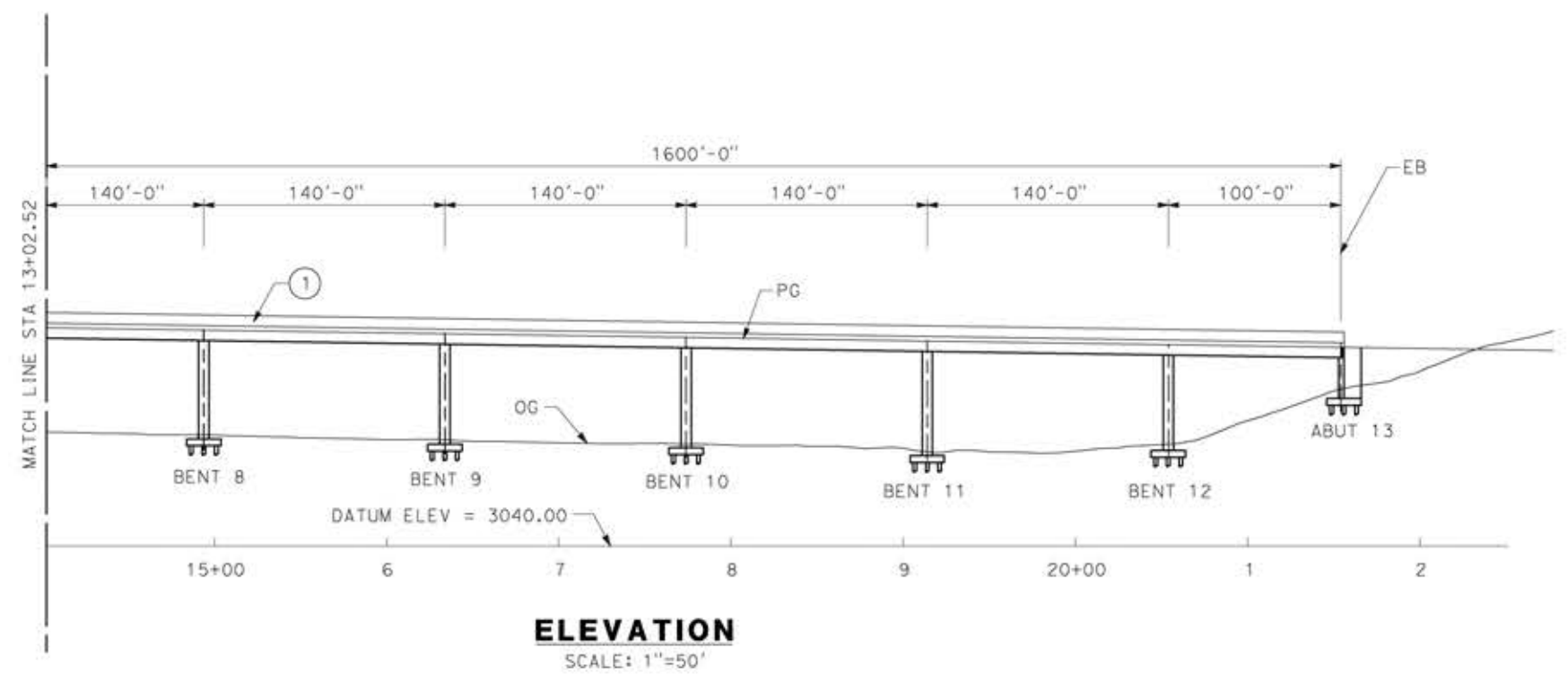
SCALE
AS SHOWN

SHEET NO.

LEGEND:

- ① PARAPET
- INDICATES NEW CONSTRUCTION

NOTE:
 ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



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18/05/2021 2:31:50

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
 REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 FORESTON SOUTH ACCESS ROAD
 GENERAL PLAN
 SHEET 2 OF 2

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1409-E2

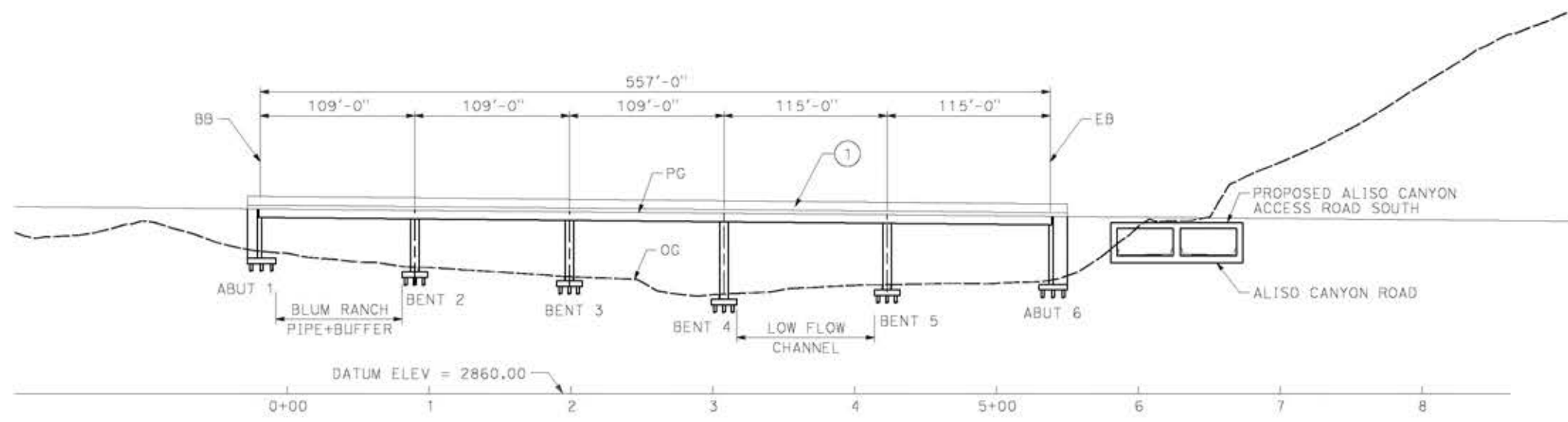
SCALE
AS SHOWN

SHEET NO.

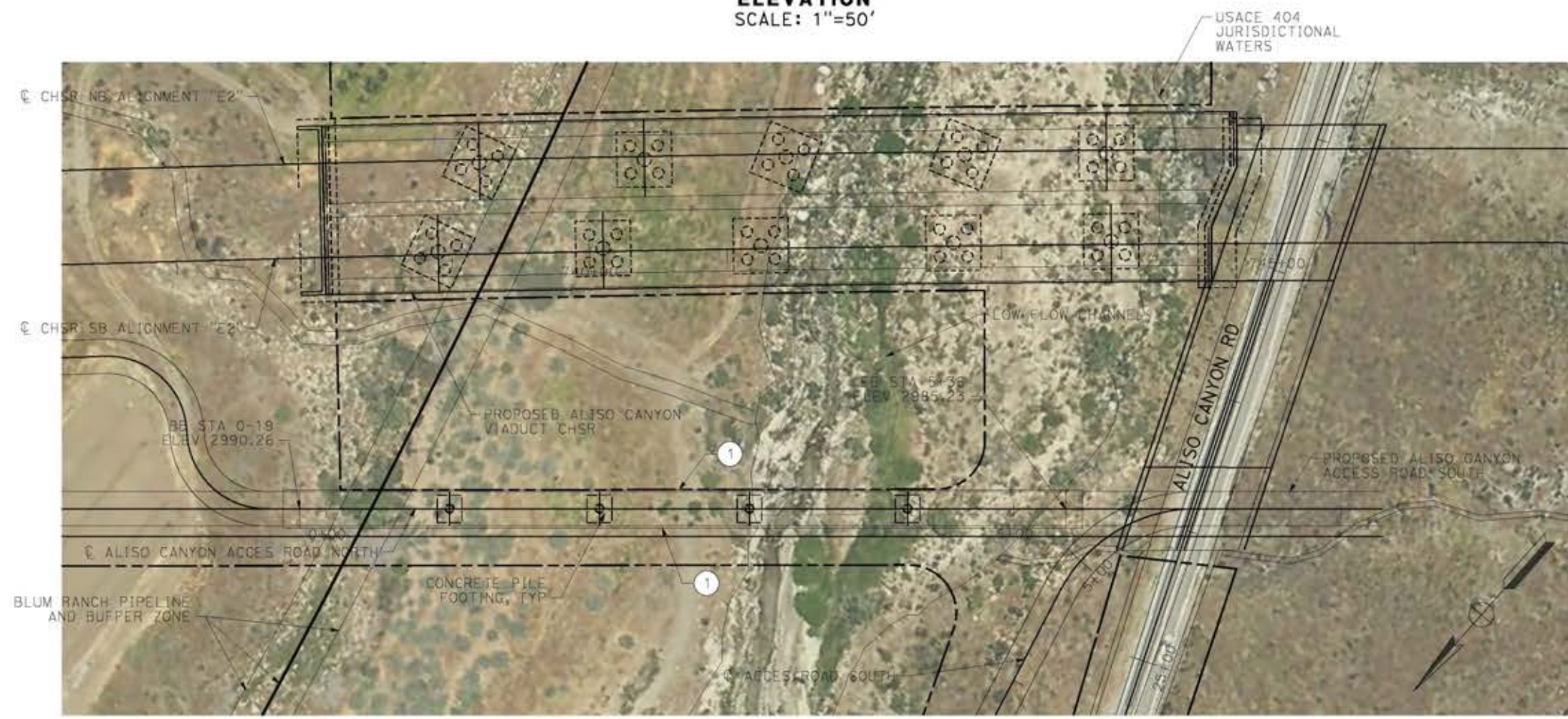
LEGEND:

- ① PARAPET
- INDICATES NEW CONSTRUCTION

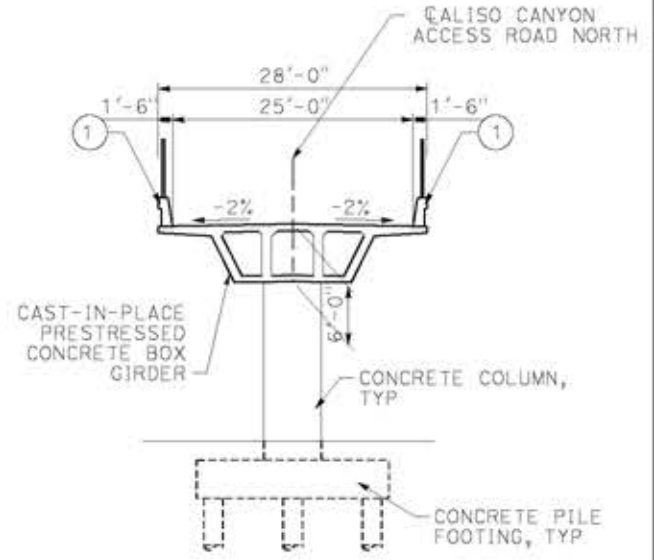
NOTE:
 ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



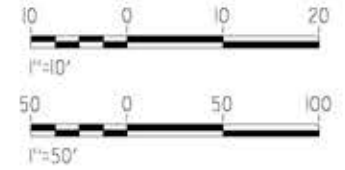
ELEVATION
 SCALE: 1"=50'



PLAN
 SCALE: 1"=50'



TYPICAL SECTION
 SCALE: 1"=10'



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14/05/2021 11:31:25

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

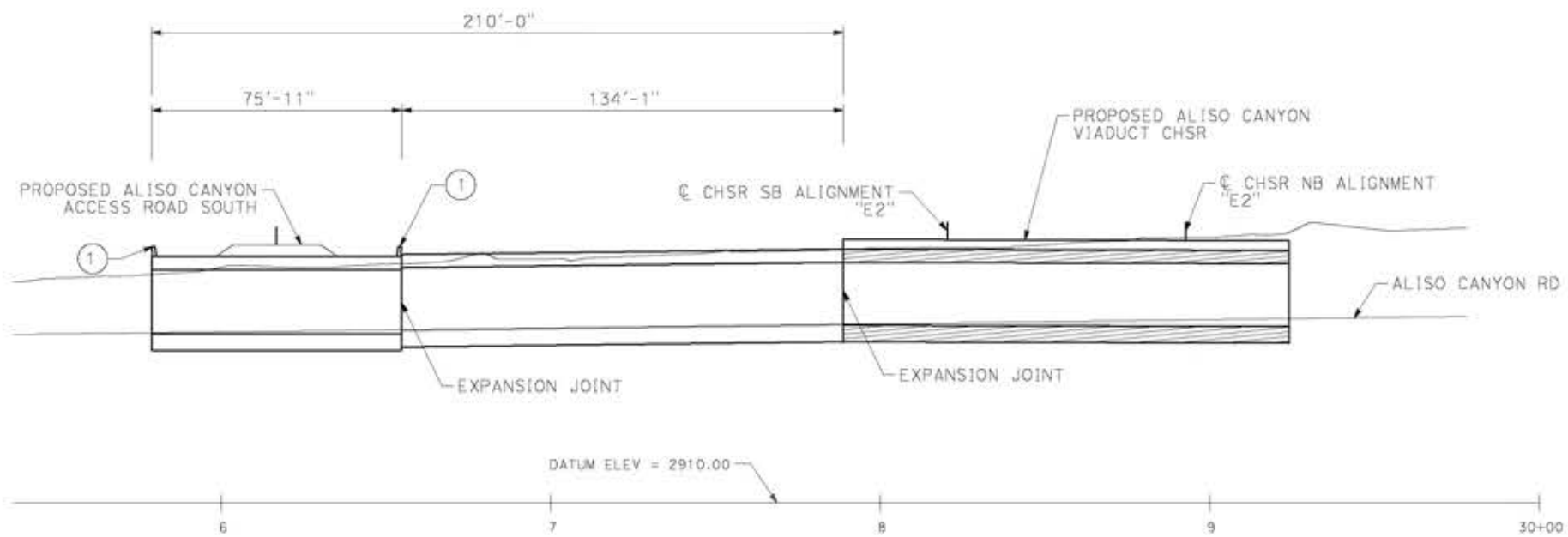
DESIGNED BY
A.MOLINA
 DRAWN BY
J.LOPEZ
 CHECKED BY
J.REVOLTOS
 IN CHARGE
A.RELANO
 DATE
04/30/2021

PEPD RECORD SET
 REV 02
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 ALISO CANYON ACCESS ROAD NORTH
 GENERAL PLAN

CONTRACT NO.
HSR14-42
 DRAWING NO.
ST-J1410-E2
 SCALE
AS SHOWN
 SHEET NO.



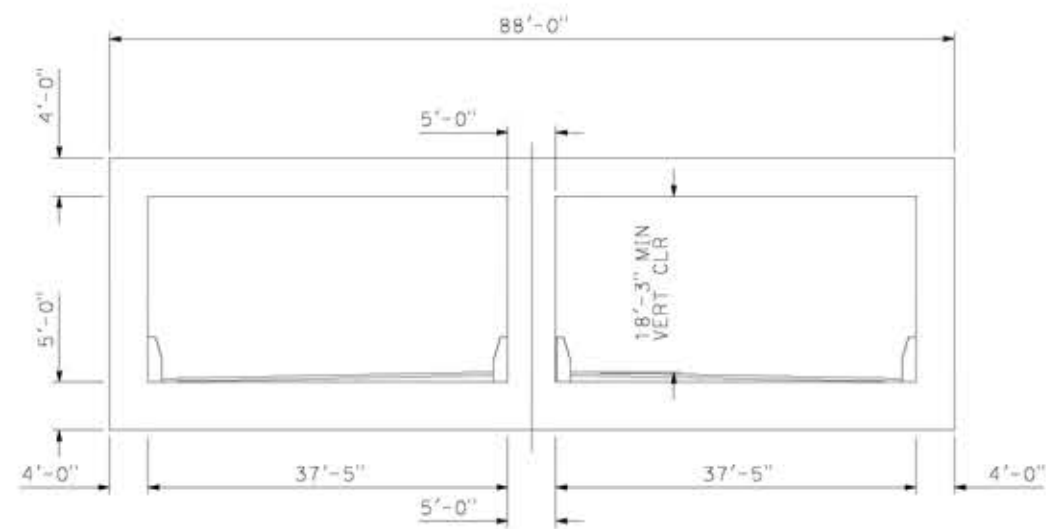
ELEVATION
SCALE: 1"=25'

LEGEND:
 (1) PARAPET
 — INDICATES NEW CONSTRUCTION

NOTE:
 ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



PLAN
SCALE: 1"=25'



TYPICAL SECTION
SCALE: 1"=10'

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14/05/2021 11:35:49

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
 DRAWN BY
J.LOPEZ
 CHECKED BY
J.REVOLTOS
 IN CHARGE
A.RELANO
 DATE
04/30/2021

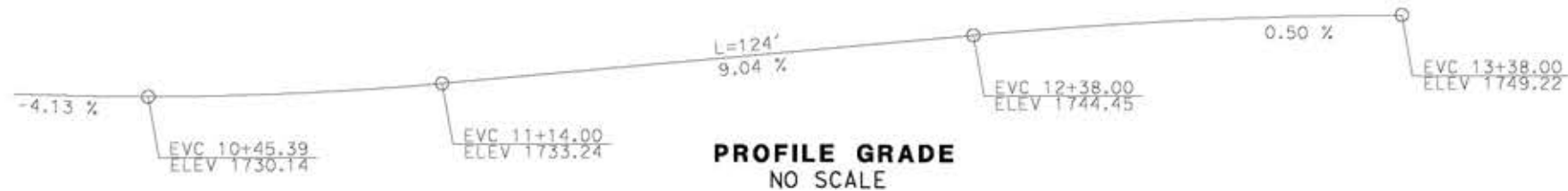
PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION

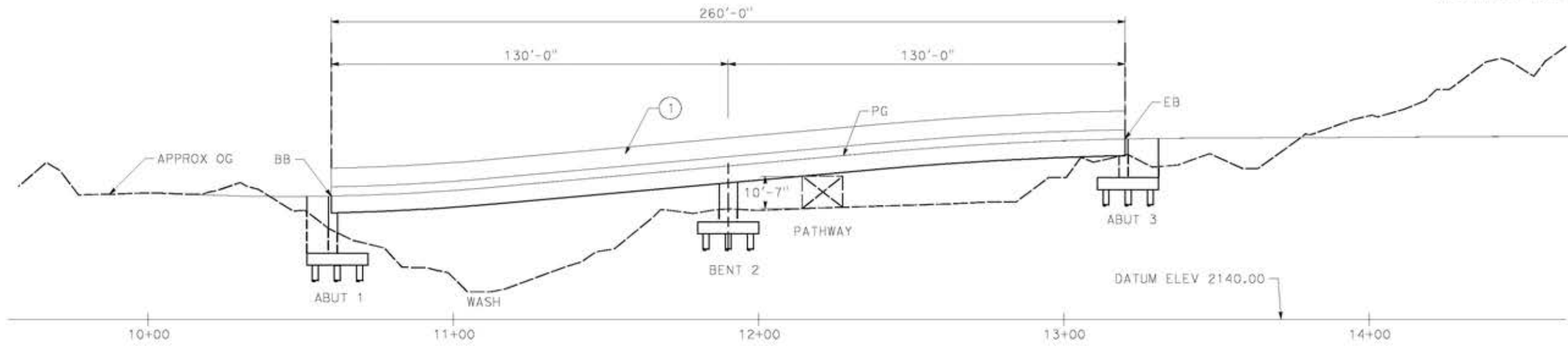


CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 ALIGNMENT "E2"
 ALISO CANYON ACCESS ROAD SOUTH
 GENERAL PLAN

CONTRACT NO.
HSR14-42
 DRAWING NO.
ST-J1411-E2
 SCALE
AS SHOWN
 SHEET NO.

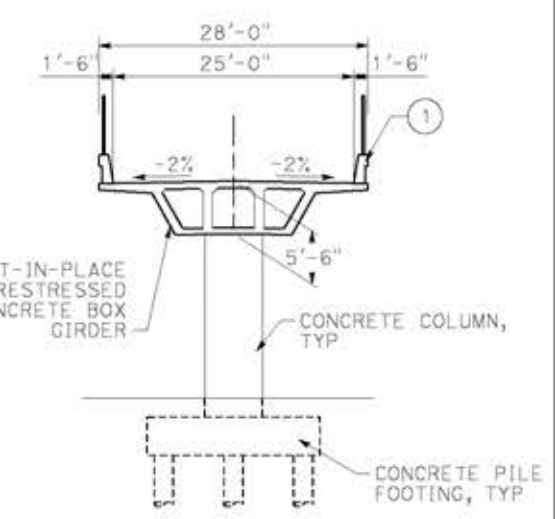


NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.



ELEVATION
SCALE: 1"=20'

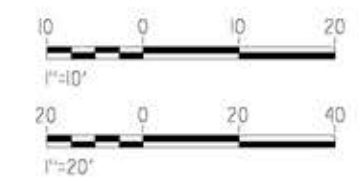
LEGEND:
① PARAPET
— INDICATES NEW CONSTRUCTION



TYPICAL SECTION
SCALE: 1"=10'



PLAN
SCALE: 1"=20'



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14/05/2021 11:36:27

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



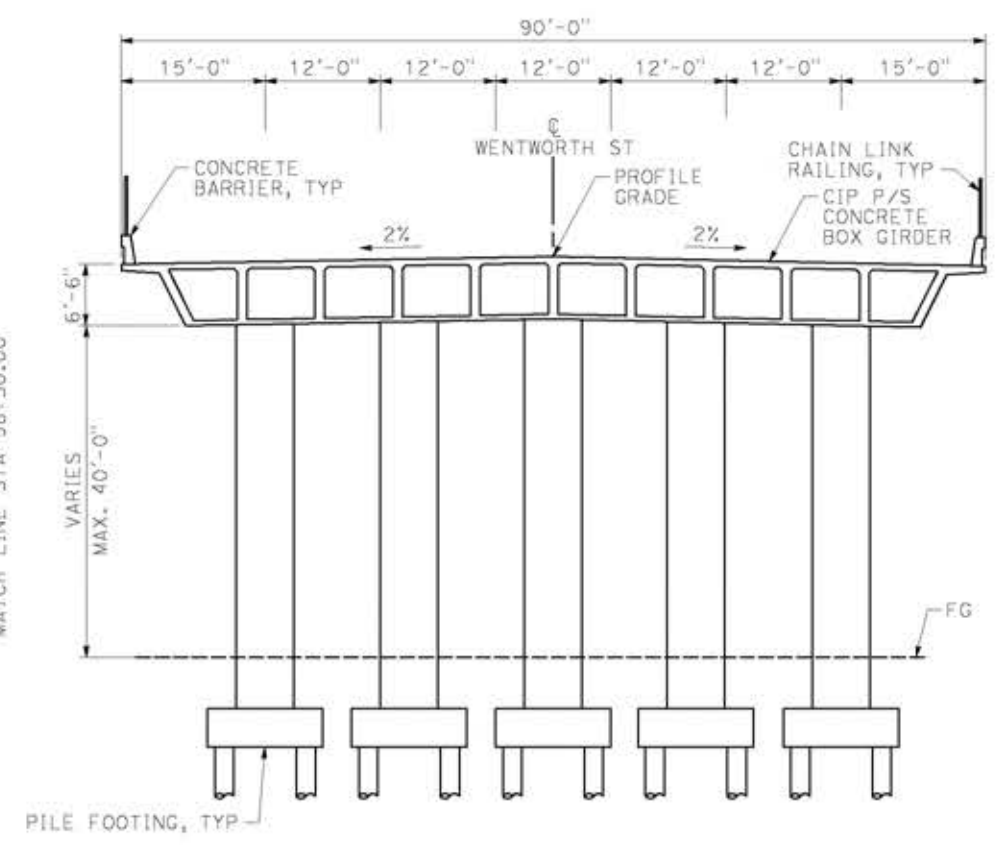
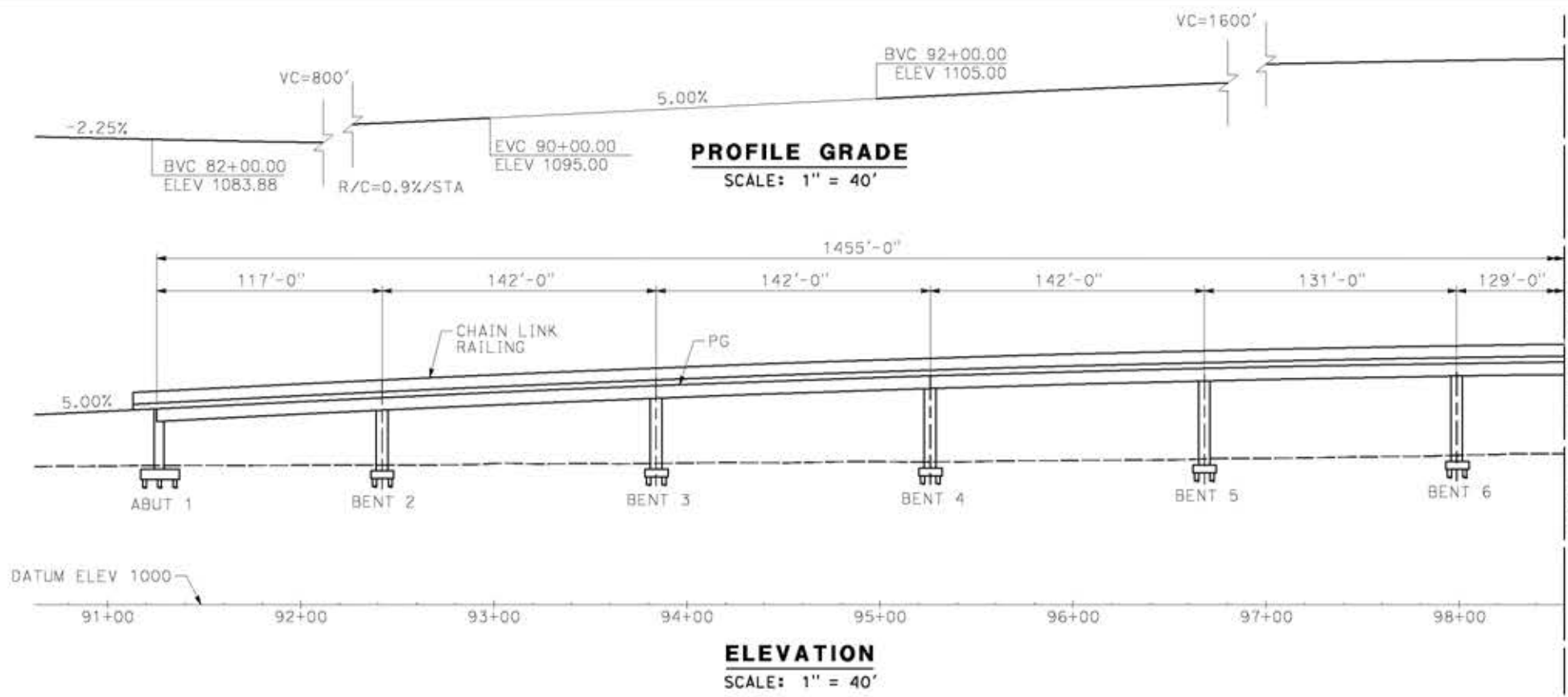
CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
ADIT ACCESS ROAD E2 STA 1460
GENERAL PLAN

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1412-E2
SCALE
AS SHOWN
SHEET NO.

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14/05/2021 11:37:04

0204814



NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

- LEGEND:**
- INDICATES BRIDGE REMOVAL PORTION
 - STRUCTURE APPROACH SLAB TYPE N(30S)
 - INDICATES NEW CONSTRUCTION
 - INDICATES FOUNDATION OR HIDDEN LINES
 - MINIMUM VERTICAL CLEARANCE
 - INDICATES DIRECTION OF TRAFFIC

NOTE:
SEE GENERAL NOTES PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

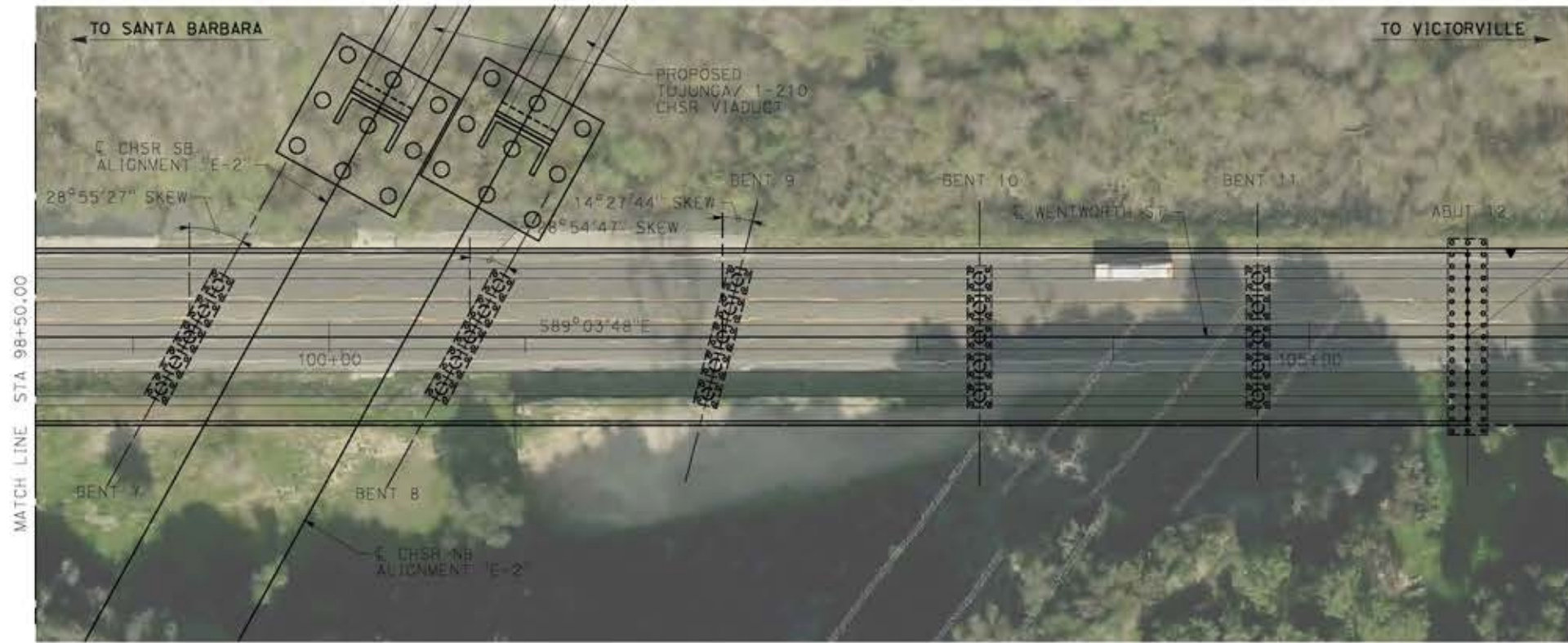
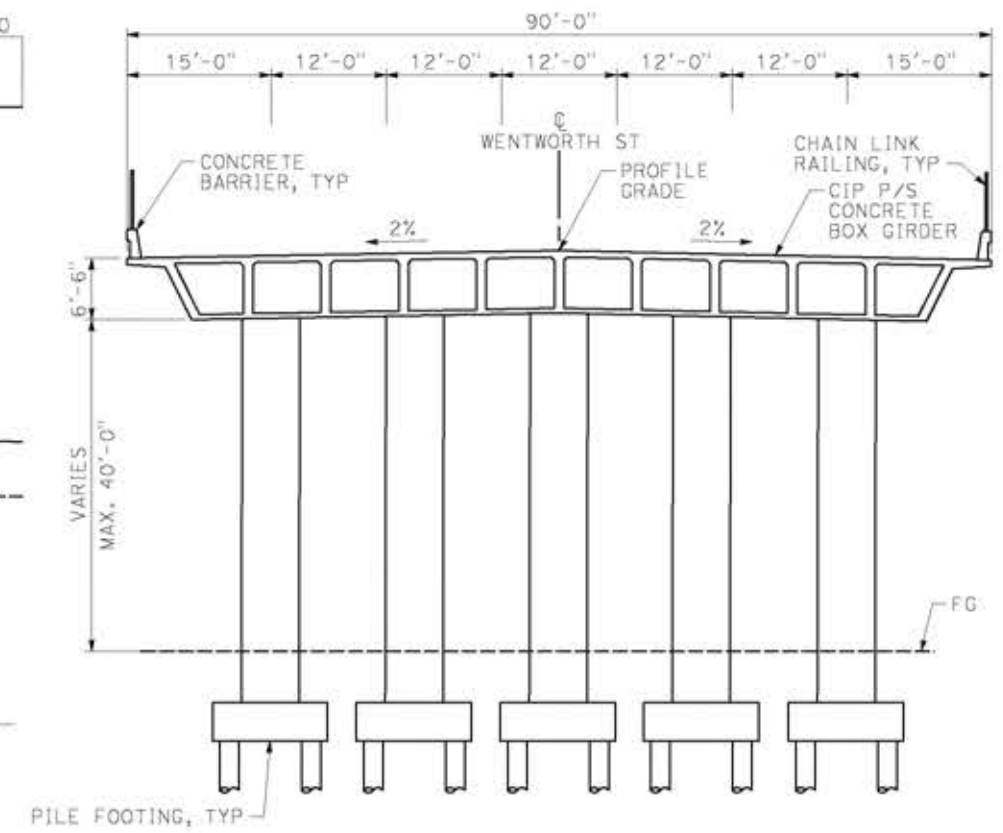
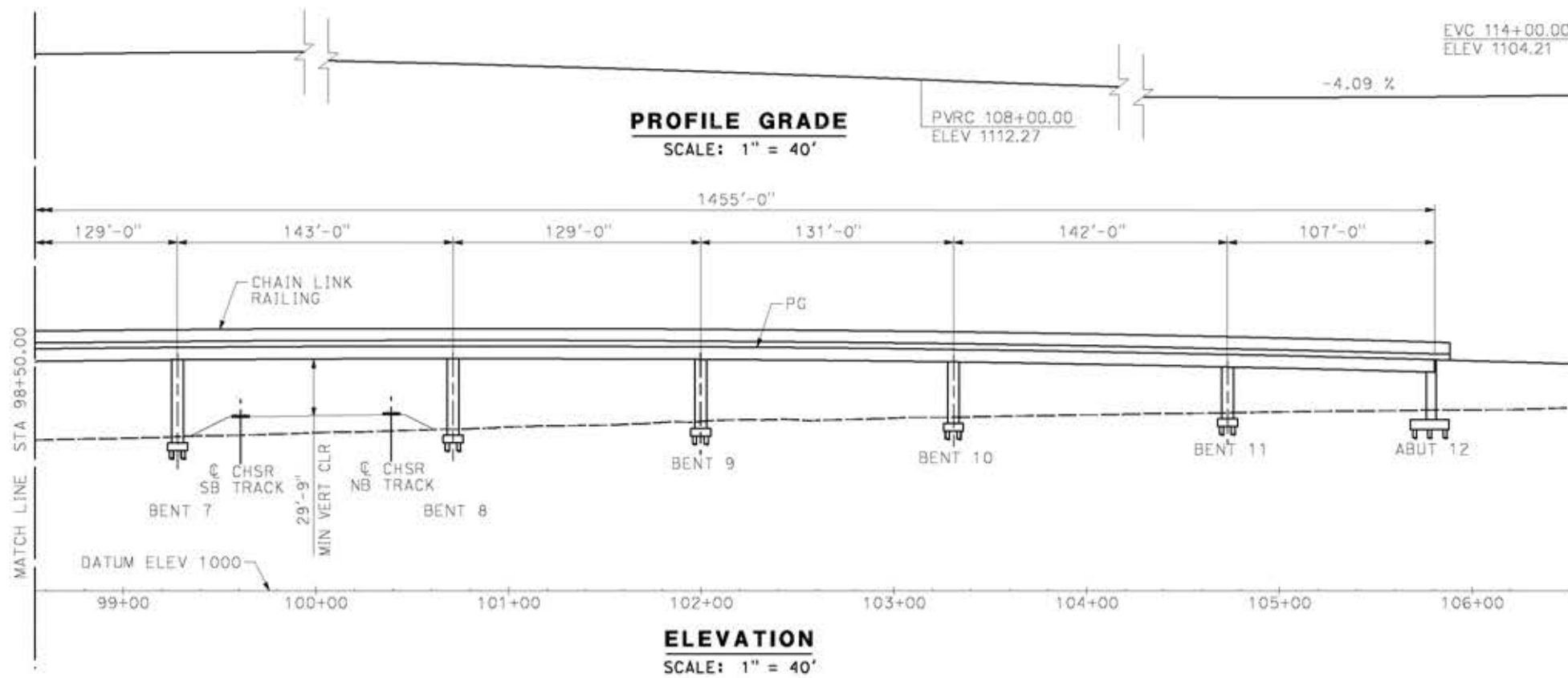
DESIGNED BY
A.MOLINA
DRAWN BY
J.LOPEZ
CHECKED BY
J.REVOLTOS
IN CHARGE
A.RELANO
DATE
04/30/2021

PEPD RECORD SET
REV 02
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
WENTWORTH STREET OVERCROSSING
GENERAL PLAN
SHEET 1 OF 2

CONTRACT NO.
HSR14-42
DRAWING NO.
ST-J1413-E2
SCALE
AS SHOWN
SHEET NO.



NOTE:
ALL DIMENSIONS AND SIZE OF THE ELEMENTS AT PEPD DESIGN LEVEL ARE BASED ON EXPERIENCE FOR SIMILAR STRUCTURES AND ARE CONSERVATIVE WITH RESPECT TO THE CONSIDERED FOOTPRINT. ANY FURTHER DESIGN WILL BE CARRIED OUT AS MORE DETAILED INFORMATION IS AVAILABLE. ALL RECOMMENDATIONS REGARDING THE FOUNDATION TYPE ARE BASED ON PRELIMINARY GEOTECHNICAL INFORMATION AND WILL BE INCLUDED IN THE APS REPORT.

EB STA 105+80
ELEV 1119.861

- LEGEND:**
- INDICATES BRIDGE REMOVAL PORTION
 - STRUCTURE APPROACH SLAB TYPE N(30S)
 - INDICATES NEW CONSTRUCTION
 - INDICATES FOUNDATION OR HIDDEN LINES
 - MINIMUM VERTICAL CLEARANCE
 - INDICATES DIRECTION OF TRAFFIC

NOTE:
SEE GENERAL NOTES PLAN

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14/05/2021 11:37:37

0204814

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A.MOLINA

DRAWN BY
J.LOPEZ

CHECKED BY
J.REVOLTOS

IN CHARGE
A.RELANO

DATE
04/30/2021

PEPD RECORD SET
REV 02

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
ALIGNMENT "E2"
WENTWORTH STREET OVERCROSSING
GENERAL PLAN
SHEET 2 OF 2

CONTRACT NO.
HSR14-42

DRAWING NO.
ST-J1414-E2

SCALE
AS SHOWN

SHEET NO.