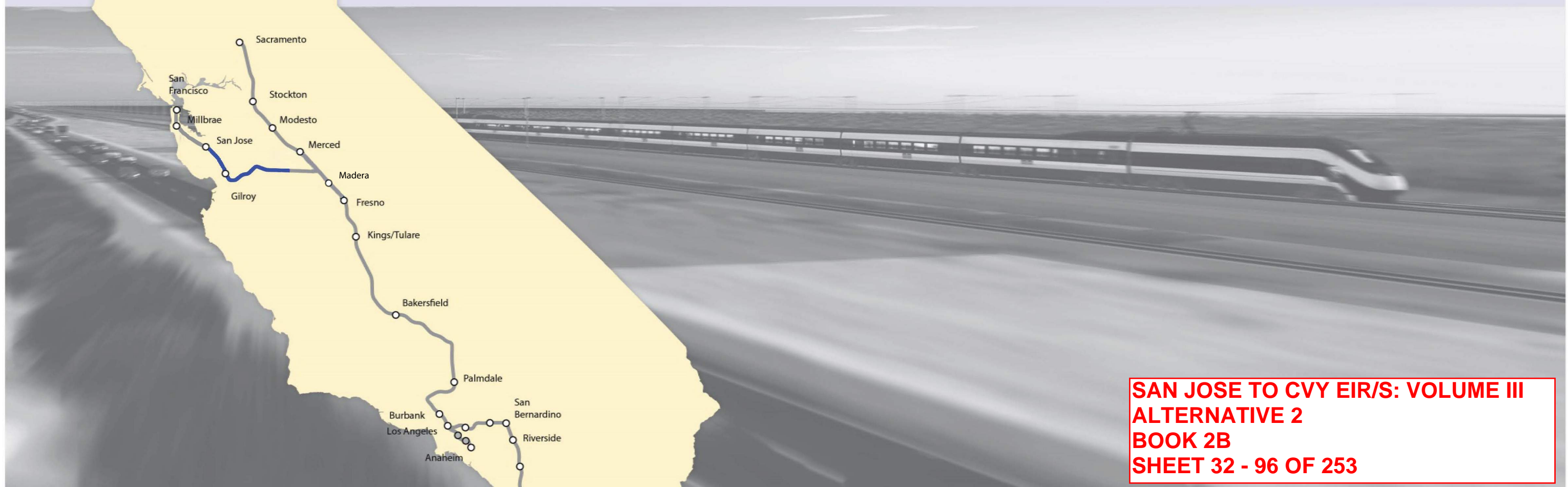
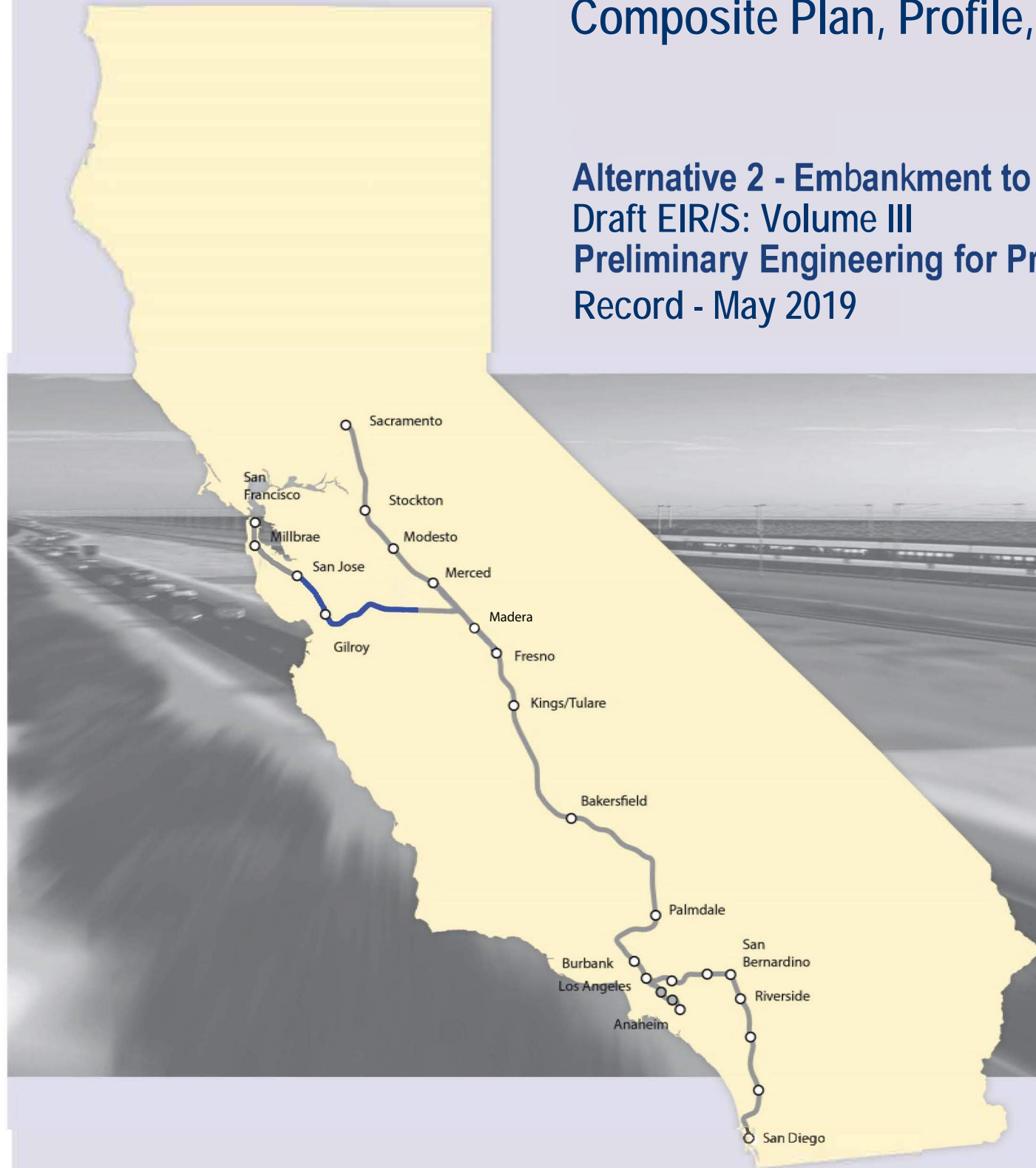


California High-Speed Rail Authority

San Jose to Merced Section: San Jose to Central Valley Wye

Composite Plan, Profile, and Cross Section; Stations; Structures

Alternative 2 - Embankment to Downtown Gilroy
Draft EIR/S: Volume III
Preliminary Engineering for Project Definition
Record - May 2019



**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 32 - 96 OF 253**

ALTERNATIVE 2 - EMBANKMENT TO DOWNTOWN GILROY

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
COVER, INDEX OF DRAWING AND KEY MAPS							
BOOK 2B	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 2	EMABNKMENT TO DOWNTOWN GILROY
BOOK 2B	B	GE-A0202	PACHECO PASS, SAN JOAQUIN VALLEY; SAN JOSE DIRIDON STATION APPROACH, MORGAN HILL AND GILROY	SR 152 TO CARLUCCI ROAD, STATIONS	INDEX OF DRAWING	SHEET 2 OF 8	
BOOK 2B	C	GE-A0203	ENTIRE ALTERNATIVE	STATIONS, COMPLEX STRUCTURES	INDEX OF DRAWING	SHEET 3 OF 8	
BOOK 2B	D	GE-D0201	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 2B	E	GE-D0202	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

COMPOSITE PLANS

PACHECO PASS

BOOK 2B	32	TT-D1401	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2362+00 TO B3205+00
BOOK 2B	33	TT-D1402	PACHECO PASS	SERVICE ROAD 1	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3205+00 TO B3295+00
BOOK 2B	34	TT-D1403	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3295+00 TO B3385+00
BOOK 2B	35	TT-D1404	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3385+00 TO B3475+00
BOOK 2B	36	TT-D1405	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3475+00 TO B3565+00
BOOK 2B	37	TT-D1406	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3565+00 TO B3655+00
BOOK 2B	38	TT-D1407	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3655+00 TO B3745+00
BOOK 2B	39	TT-D1408	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3745+00 TO B3835+00
BOOK 2B	40	TT-D1409	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3835+00 TO B3923+00
BOOK 2B	41	TT-D1410	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3923+00 TO B4014+00
BOOK 2B	42	TT-D1411	PACHECO PASS	MCCABE RD	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4014+00 TO B4105+00
BOOK 2B	43	TT-D1412	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4105+00 TO B4196+00
BOOK 2B	44	TT-D1413	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4196+00 TO B4287+00
BOOK 2B	45	TT-D1414	PACHECO PASS	ROMERO RD N, SR 33	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4287+00 TO B4372+00

SAN JOAQUIN VALLEY

BOOK 2B	46	TT-D1601	SAN JOAQUIN VALLEY	FAHEY RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4377+00 TO B4445+00
BOOK 2B	47	TT-D1602	SAN JOAQUIN VALLEY	CCID MAIN CANAL	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4445+00 TO B4533+00
BOOK 2B	48	TT-D1603	SAN JOAQUIN VALLEY	INGOMAR GRADE RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4533+00 TO B4614+00
BOOK 2B	49	TT-D1604	SAN JOAQUIN VALLEY	VOLTA RD TO HENRY MILLER RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4614+00 TO B4686+00
BOOK 2B	50	TT-D1605	SAN JOAQUIN VALLEY	MONROE AVE	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4686+00 TO B4758+00
BOOK 2B	51	TT-D1606	SAN JOAQUIN VALLEY	BADGER FLAT RD TO NANTES AVE	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4758+00 TO B4846+00
BOOK 2B	52	TT-D1607	SAN JOAQUIN VALLEY	SR 165 TO SANTA FE GRDE	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4846+00 TO B4932+00
BOOK 2B	53	TT-D1608	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4932+00 TO B5020+00
BOOK 2B	54	TT-D1609	SAN JOAQUIN VALLEY	BAKER RD TO DELTA RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5020+00 TO B5109+00
BOOK 2B	55	TT-D1610	SAN JOAQUIN VALLEY	MIDWAY RD TO BOX CAR RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5109+00 TO B5193+00
BOOK 2B	56	TT-D1611	SAN JOAQUIN VALLEY	TURNER ISLAND RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5193+00 TO B5282+00
BOOK 2B	57	TT-D1612	SAN JOAQUIN VALLEY	CARLUCCI RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5282+00 TO 5337+28.93

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET B**

\$USER \$DATE \$TIME \$ \$PLTDRVS \$ \$PENTBL \$ \$FILE \$

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	

**RECORD PEPD
SUBMITTAL**

MAY 3, 2019

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9th Floor
Oakland, CA 94607



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED

ALTERNATIVE 2
INDEX OF DRAWING
SHEET 2 OF 8

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0202
SCALE	NONE
SHEET NO.	

ALTERNATIVE 2 - EMBANKMENT TO DOWNTOWN GILROY

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
STATIONS							
BOOK 2B	58	AR-C0101	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	CONCEPTUAL SITE PLAN
BOOK 2B	59	AR-C0102	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	DETAILED SITE PLAN
BOOK 2B	60	AR-F0101	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	CONCOURSE PLAN
BOOK 2B	61	AR-Y0101	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	CROSS SECTION
BOOK 2B	62	AR-Y0102	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	MASSING DIAGRAM
BOOK 2B	63	AR-Y0103	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	MASSING DIAGRAM
BOOK 2B	64	AR-Y0104	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 2B	65	AR-Y0105	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 2B	66	AR-Y0106	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 2B	67	AR-Y0107	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 2B	68	AR-C1001	MORGAN HILL AND GILROY	W 7TH ST TO E 10TH ST	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	GENERAL SITE PLAN
BOOK 2B	69	AR-C1002	MORGAN HILL AND GILROY	W 7TH ST TO E 10TH ST	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	DETAILED SITE PLAN
BOOK 2B	70	AR-F1001	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	CONCOURSE PLAN
BOOK 2B	71	AR-Y1001	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	SECTION
BOOK 2B	72	AR-Y1002	MORGAN HILL AND GILROY	W 7TH ST TO E 10TH ST	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	MASSING DIAGRAM 1
BOOK 2B	73	AR-Y1003	MORGAN HILL AND GILROY	W 7TH ST TO E 10TH ST	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	MASSING DIAGRAM 2
BOOK 2B	74	AR-Y1004	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
BOOK 2B	75	AR-Y1005	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
BOOK 2B	76	AR-Y1006	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
BOOK 2B	77	AR-Y1007	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
STRUCTURES							
BOOK 2B	78	ST-V0251	SAN JOSE DIRIDON STATION APPROACH	LAFAYETTE ST	VIADUCT TO SCOTT BLVD	COMPLEX STRUCTURES	GENERAL PLAN 1 OF 5
BOOK 2B	79	ST-V0252	SAN JOSE DIRIDON STATION APPROACH	DE LA CRUZ BLVD	VIADUCT TO SCOTT BLVD	COMPLEX STRUCTURES	GENERAL PLAN 2 OF 5
BOOK 2B	80	ST-V0253	SAN JOSE DIRIDON STATION APPROACH	ENTON ST, I 880	VIADUCT TO SCOTT BLVD	COMPLEX STRUCTURES	GENERAL PLAN 3 OF 5
BOOK 2B	81	ST-V0254	SAN JOSE DIRIDON STATION APPROACH	W TAYLOR ST	VIADUCT TO SCOTT BLVD	COMPLEX STRUCTURES	GENERAL PLAN 4 OF 5
BOOK 2B	82	ST-V0255	SAN JOSE DIRIDON STATION APPROACH	W SANTA CLARA ST	VIADUCT TO SCOTT BLVD	COMPLEX STRUCTURES	GENERAL PLAN 5 OF 5
BOOK 2B	83	ST-T0251	SAN JOSE DIRIDON STATION APPROACH	DE LA CRUZ BLVD	VIADUCT TO SCOTT BLVD	OVERPASSES AND UNDERPASSES	DE LA CRUZ BLVD
BOOK 2B	84	ST-T0252	SAN JOSE DIRIDON STATION APPROACH	STOCKTON AVE, UPRR	VIADUCT TO SCOTT BLVD	OVERPASSES AND UNDERPASSES	WEST HEDDING STREET
BOOK 2B	85	ST-T0401	MONTEREY CORRIDOR	ALMADEN EXPY, CURTNER AVE	VIADUCT/AT-GRADE	OVERPASSES AND UNDERPASSES	GENERAL PLAN
BOOK 2B	86	ST-V0501	MONTEREY CORRIDOR	ST HWY 82	AT-GRADE	COMPLEX STRUCTURES	GENERAL PLAN
BOOK 2B	87	ST-T0501	MONTEREY CORRIDOR	SKYWAY DR, CHYNOWETH AVE	AT-GRADE	UNDERPASSES	GENERAL PLAN
BOOK 2B	88	ST-T0502	MONTEREY CORRIDOR	CAPITOL EXPY, BLOSSOM HILL RD	AT-GRADE	MODIFY EXISTING BRIDGES	GENERAL PLAN 1 OF 2
BOOK 2B	89	ST-T0503	MONTEREY CORRIDOR	SR 85, BAILEY AVE	AT-GRADE	MODIFY EXISTING BRIDGES	GENERAL PLAN 2 OF 2
BOOK 2B	90	ST-T0801	MORGAN HILL AND GILROY	MADRONE PKWY, DUNNE AVE	EMBANKMENT TO DOWNTOWN GILROY	UNDERPASSES	GENERAL PLAN 1 OF 2
BOOK 2B	91	ST-T0802	MORGAN HILL AND GILROY	SAN PEDRO AVE, SAN MARTIN AVE	EMBANKMENT TO DOWNTOWN GILROY	UNDERPASSES	GENERAL PLAN 2 OF 2
BOOK 2B	92	ST-T1001	MORGAN HILL AND GILROY	MASTEN AVE, LAS ANIMAS AVE	EMBANKMENT TO DOWNTOWN GILROY	UNDERPASSES	GENERAL PLAN 1 OF 3
BOOK 2B	93	ST-T1002	MORGAN HILL AND GILROY	LEAVESLEY RD, CASEY LN	EMBANKMENT TO DOWNTOWN GILROY	UNDERPASSES	GENERAL PLAN 2 OF 3
BOOK 2B	94	ST-T1003	MORGAN HILL AND GILROY	OLD GILROY ST, E 10TH ST	EMBANKMENT TO DOWNTOWN GILROY	UNDERPASSES	GENERAL PLAN 3 OF 3
BOOK 2B	95	ST-V1401	PACHECO PASS	CALIFORNIA AQUEDUCT, CCID OUTSIDE CANAL	TUNNEL	COMPLEX STRUCTURES	GENERAL PLAN
BOOK 2B	96	ST-V1601	SAN JOAQUIN VALLEY	SAN LUIS WASTEWAY, LOS BANOS CREEK	HENRY MILLER ROAD	COMPLEX STRUCTURES	GENERAL PLAN

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET C**

\$USER \$ DATE \$ TIME \$ \$PLTDRVS \$ \$PENTBL \$ \$ FILE \$

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	
DRAWN BY	
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IN CHARGE	
DATE	

**RECORD PEPD
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MAY 3, 2019

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1111 Broadway
9th Floor
Oakland, CA 94607



CALIFORNIA
High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT

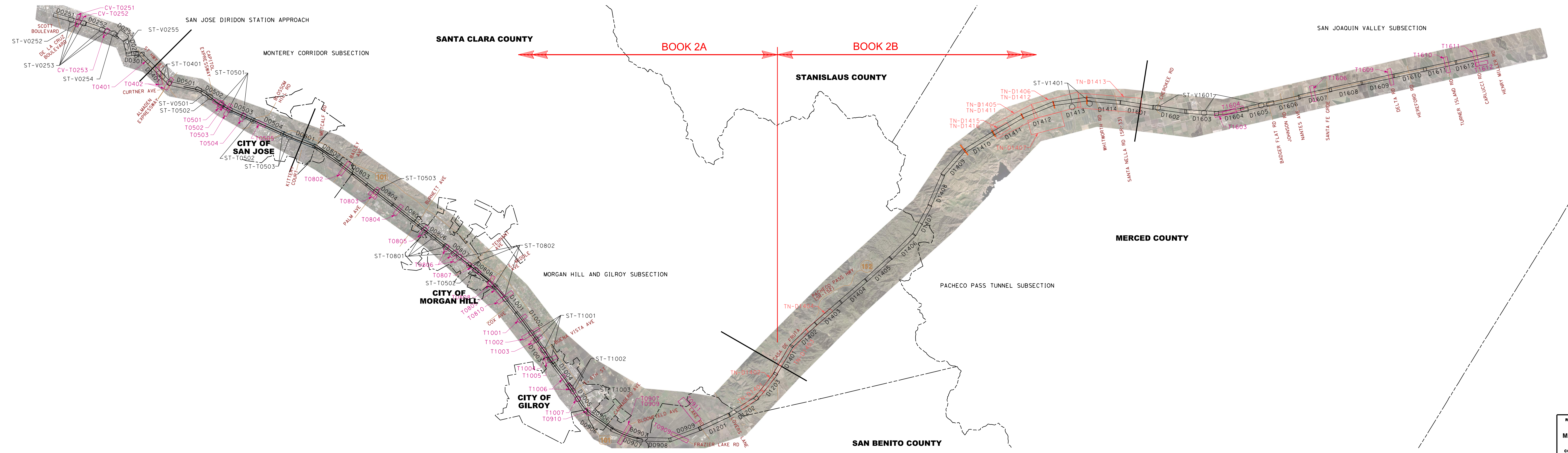
SAN JOSE TO MERCED

ALTERNATIVE 2
INDEX OF DRAWING
SHEET 3 OF 8

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0203
SCALE	NONE
SHEET NO.	

ALTERNATIVE 2 BOOK INDEX

- BOOK 2A:** COMPOSITE PLAN, PROFILE AND CROSS SECTIONS
- BOOK 2B:** COMPOSITE PLAN, PROFILE AND CROSS SECTIONS, STATIONS, STRUCTURES
- BOOK 2C:** ROADWAY
- BOOK 2D:** ROADWAY, MAINTENANCE OF WAY, TUNNELS - PACHECO PASS
- BOOK 2E:** CONSTRUCTION STAGING, ALIGNMENT DATA TABLES



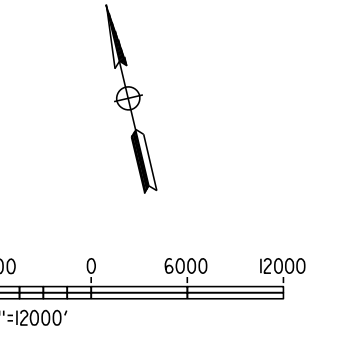
NOTE:
ALTERNATIVE KEY MAP SHOWN SIDE BY SIDE FOR CLARITY.

LEGEND

KEY MAP LEGEND

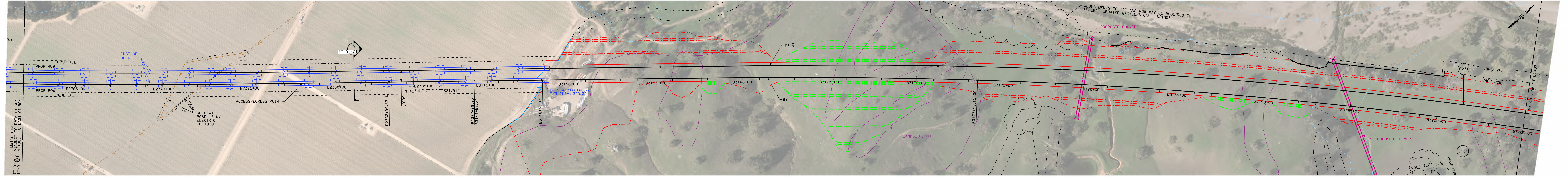
	AERIAL ORTHO-PHOTO
	COMPOSITE ROLL PLOTS
	GRADE SEPARATION ROLL PLOTS
	TUNNEL ROLL PLOTS
	STRUCTURES ROLL PLOTS
	SECTION BREAK
	CITY LIMITS
	COUNTY LINE
	EXISTING ROAD

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET D

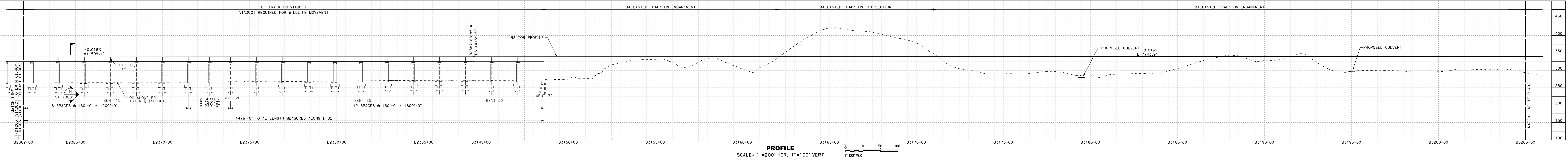


RECORD PEPP SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED ALTERNATIVE 2 KEY MAP COMPOSITE PLAN	CONTRACT NO. HSR15-34 DRAWING NO. GE-D0201 SCALE AS SHOWN SHEET NO.
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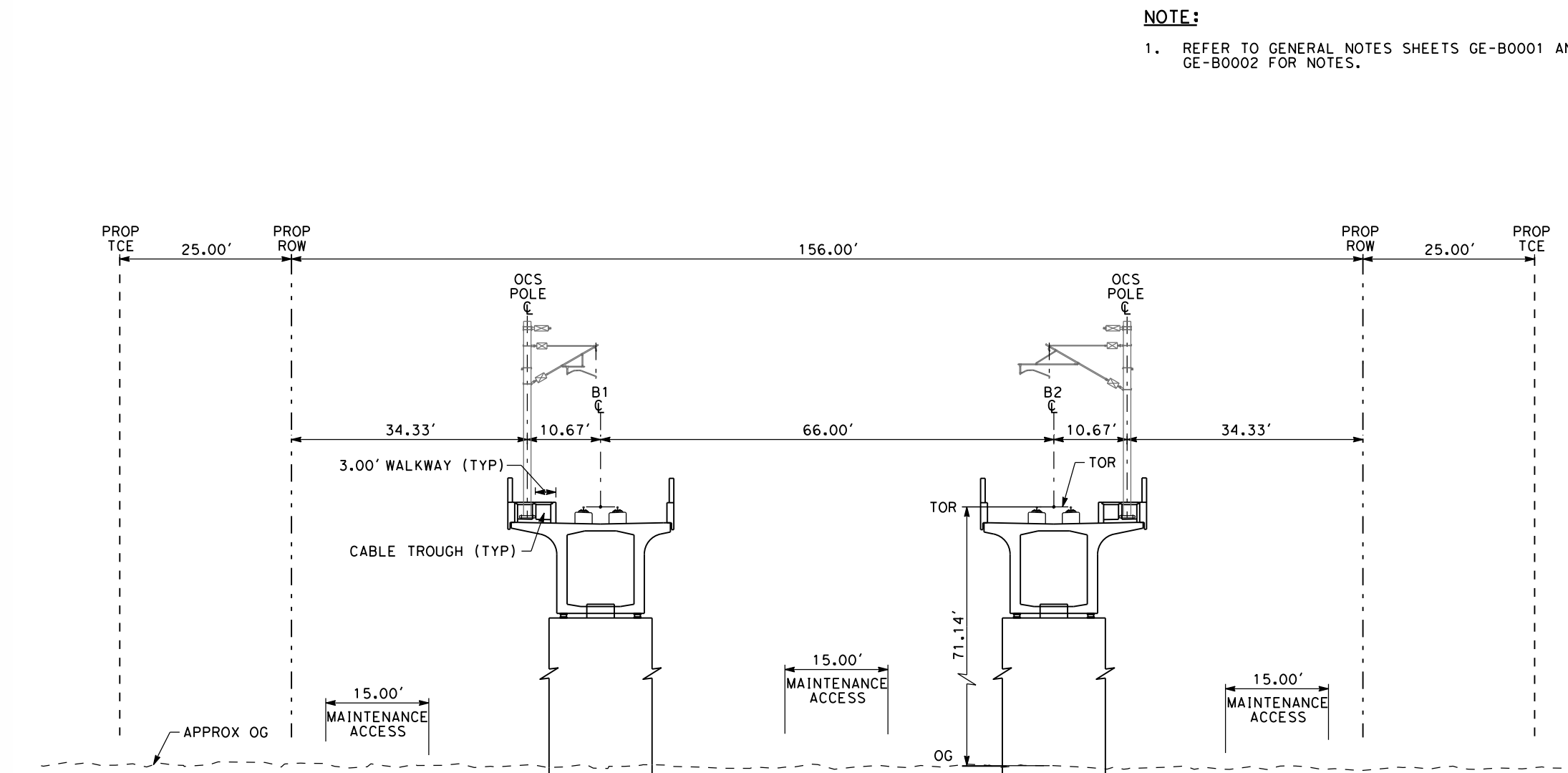
SANTA CLARA COUNTY



PLAN
SCALE: 1"=200'
1"=200' HOR



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT

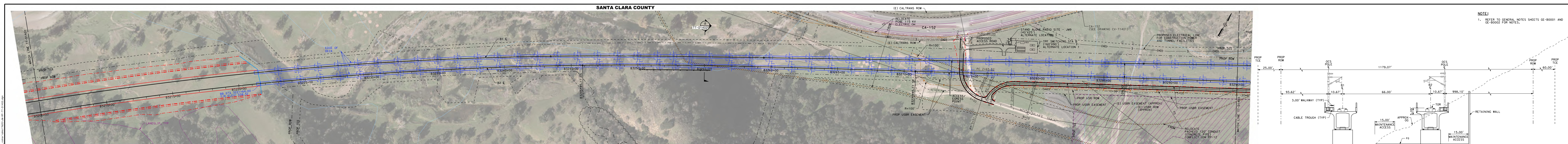


SECTION A
SCALE: 1"=20'
"B" 2381+00

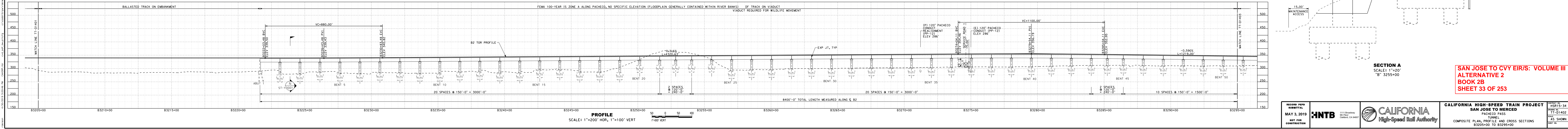
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 32 OF 253

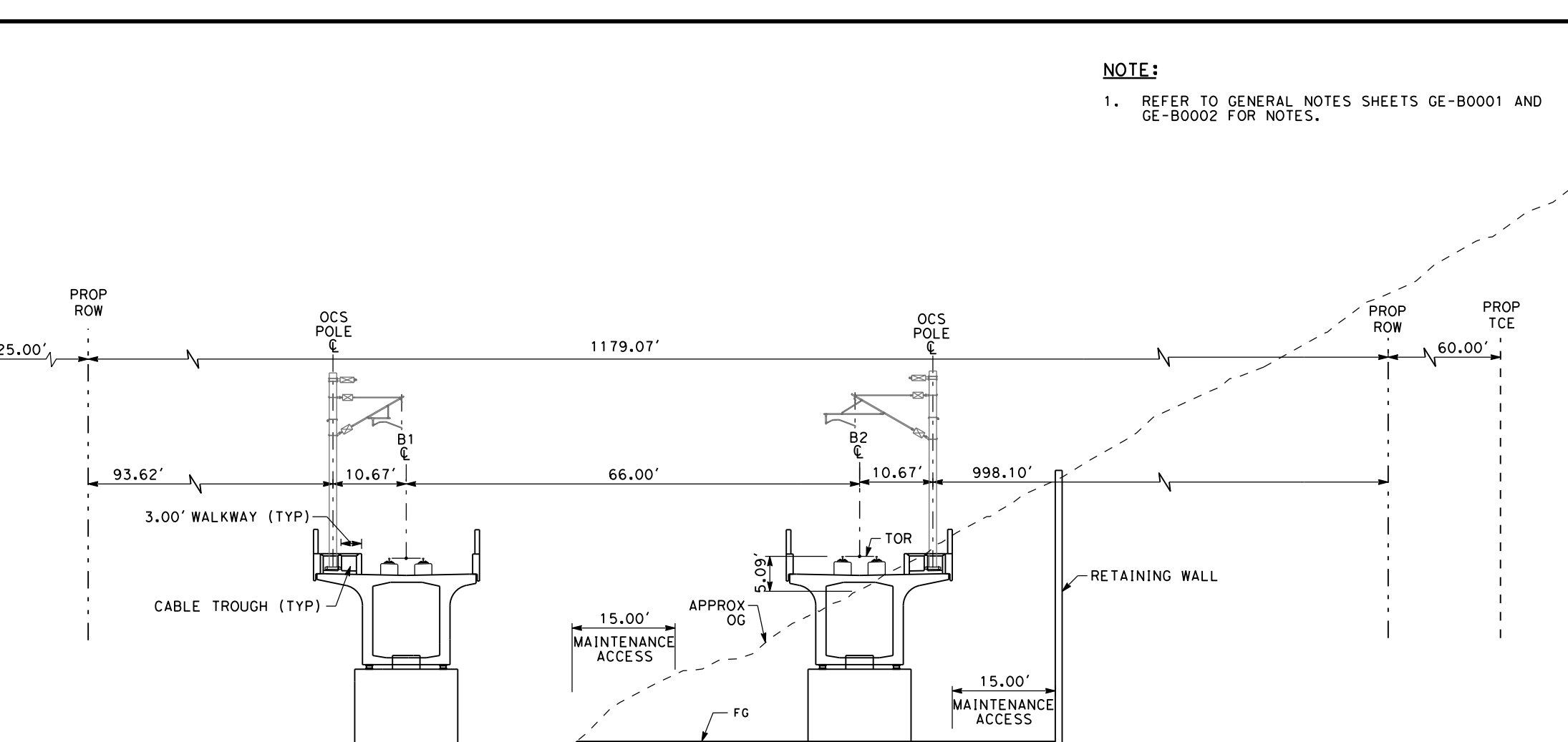
RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B2362+00 TO B3205+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1401 SCALE: AS SHOWN SHEET NO.
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PLAN
SCALE: 1"=200'
1"=200' HOR



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT

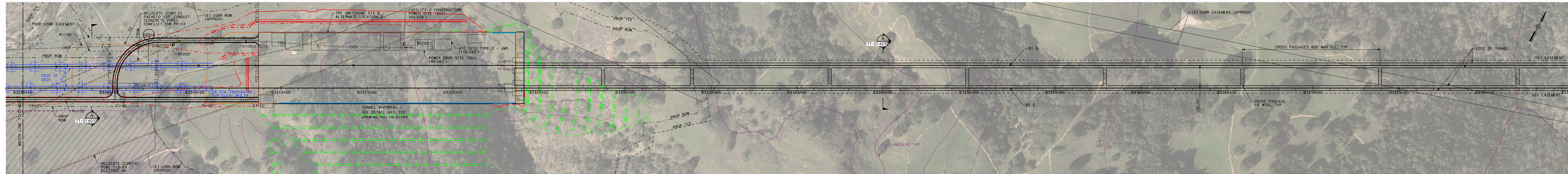


SECTION A
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"B" 3255+00

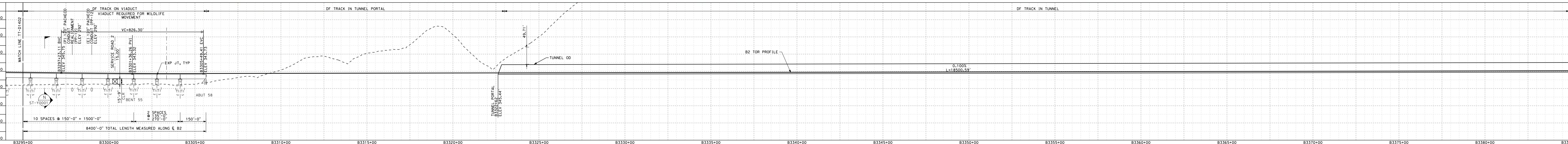
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 33 OF 253**

<p>RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION</p>	<p>HNTB 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B3205+00 TO B3295+00</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D1402 SCALE AS SHOWN SHEET NO.</p>
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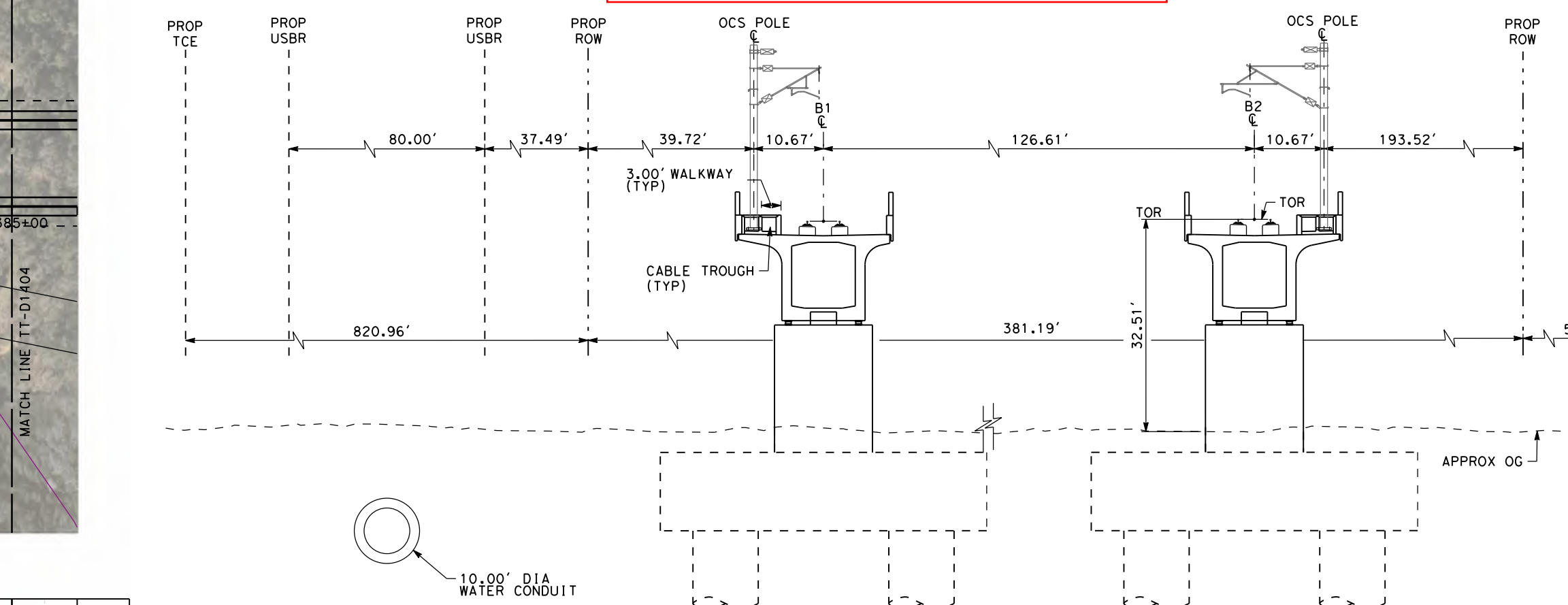
PLAN
SCALE: 1"=200'
1"=200' HOR



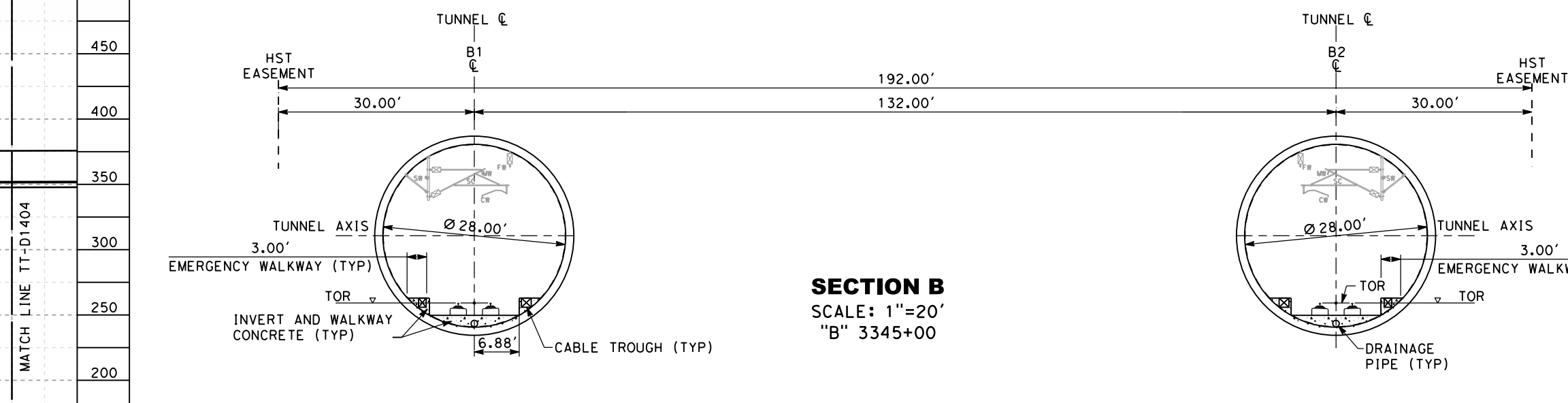
PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATE 2
BOOK 2B
SHEET 34 OF 253

NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



SECTION A
SCALE: 1"=20'
"B" 3299+00

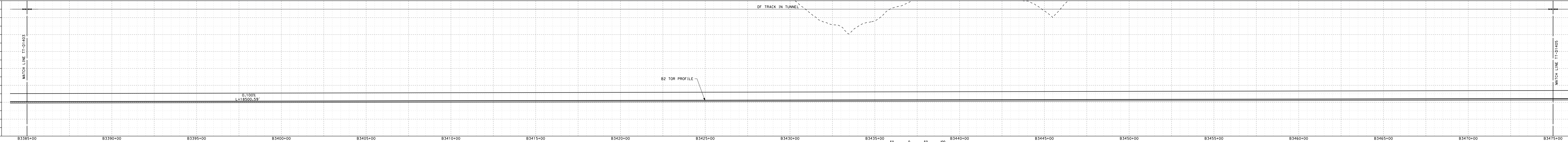


SECTION B
SCALE: 1"=20'
"B" 3345+00

<p>RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION</p>	<p>HNTB 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B3295+00 TO B3385+00</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D1403 SCALE AS SHOWN SHEET NO.</p>
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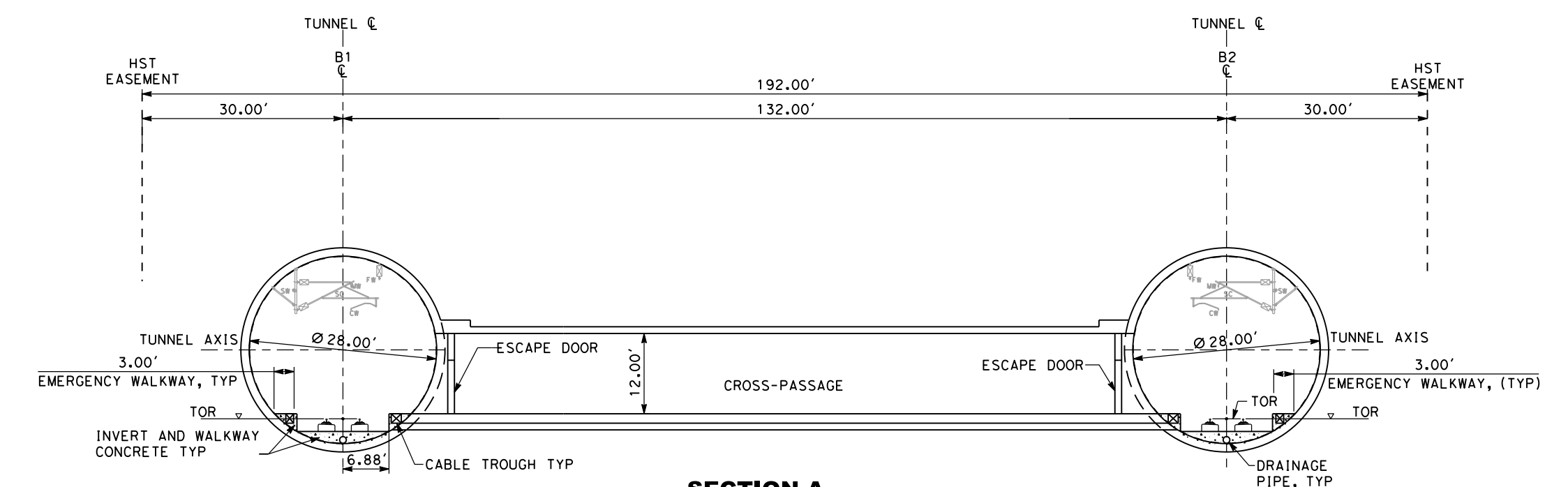


PLAN
SCALE: 1"=200'
1"=200' HOR

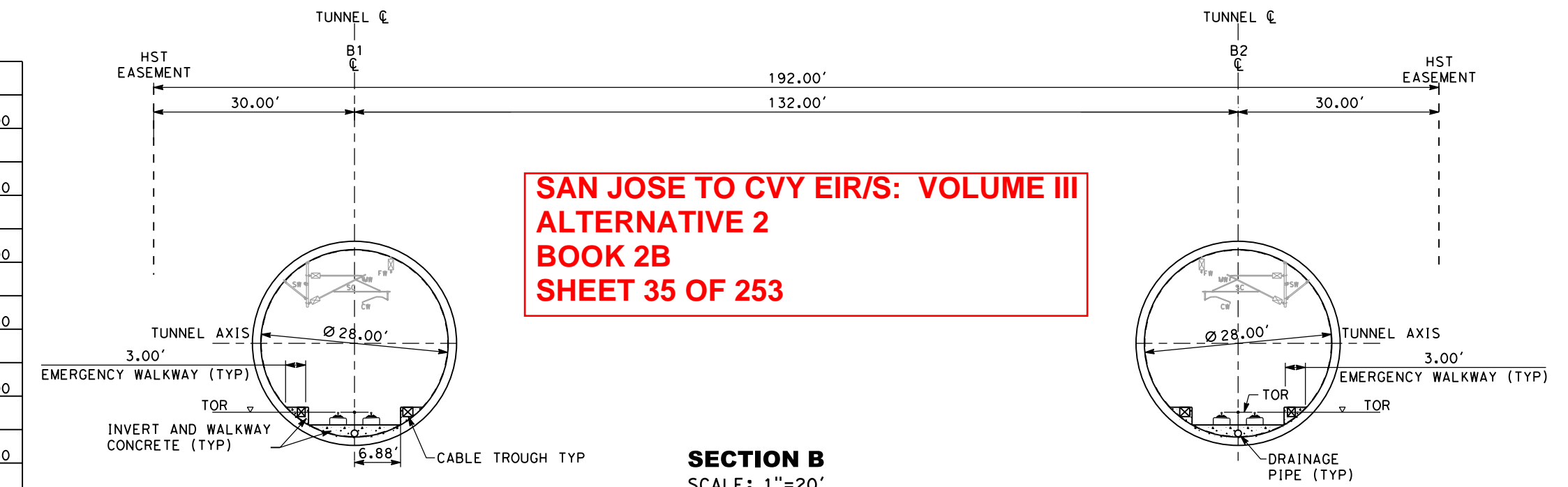


PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT

NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



SECTION A
SCALE: 1"=20'
"B" 3413+90



SECTION B
SCALE: 1"=20'
"B" 3430+00

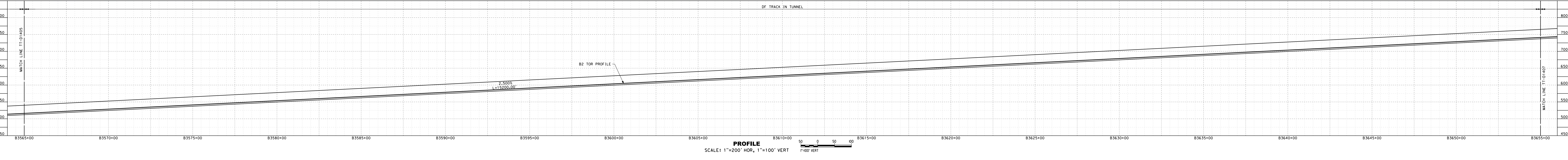
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 35 OF 253

RECORD PERP SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B3385+00 TO B3475+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1404 SCALE AS SHOWN SHEET NO.
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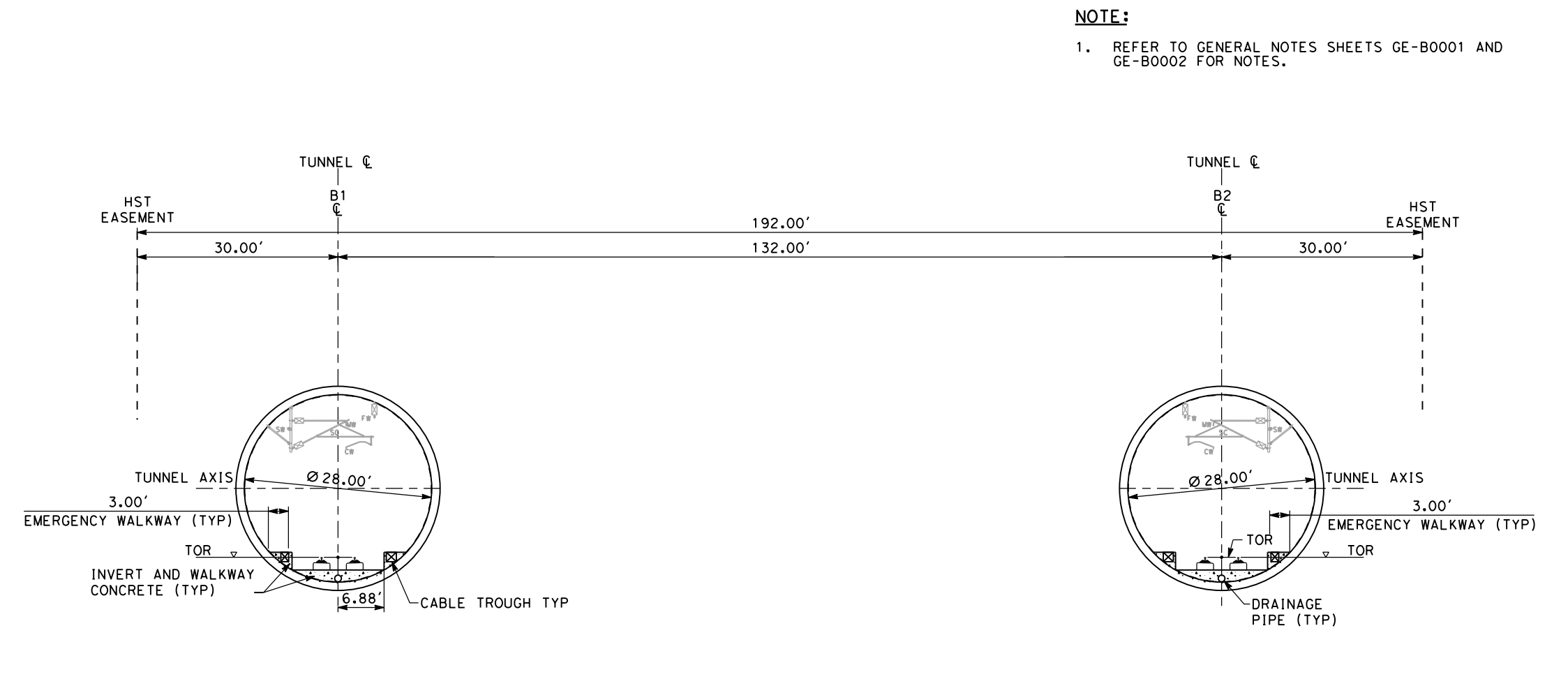
SANTA CLARA COUNTY



PLAN
SCALE: 1"=200'
1"=200' HOR



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT

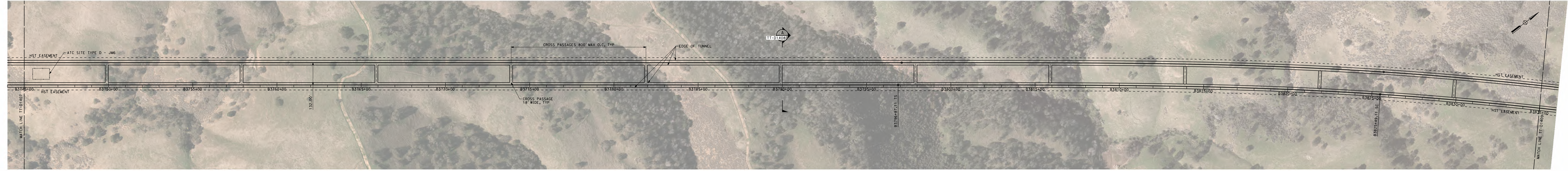


SECTION A
SCALE: 1"=20'
"B" 3620+00

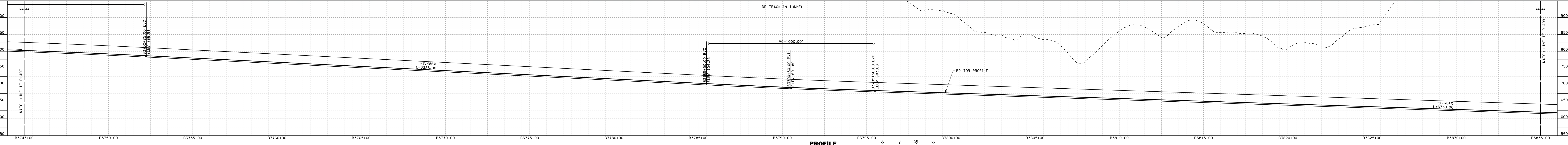
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 37 OF 253

RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED TUNNEL PACHECO PASS COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B3565+00 TO B3655+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1406 SCALE AS SHOWN SHEET NO.
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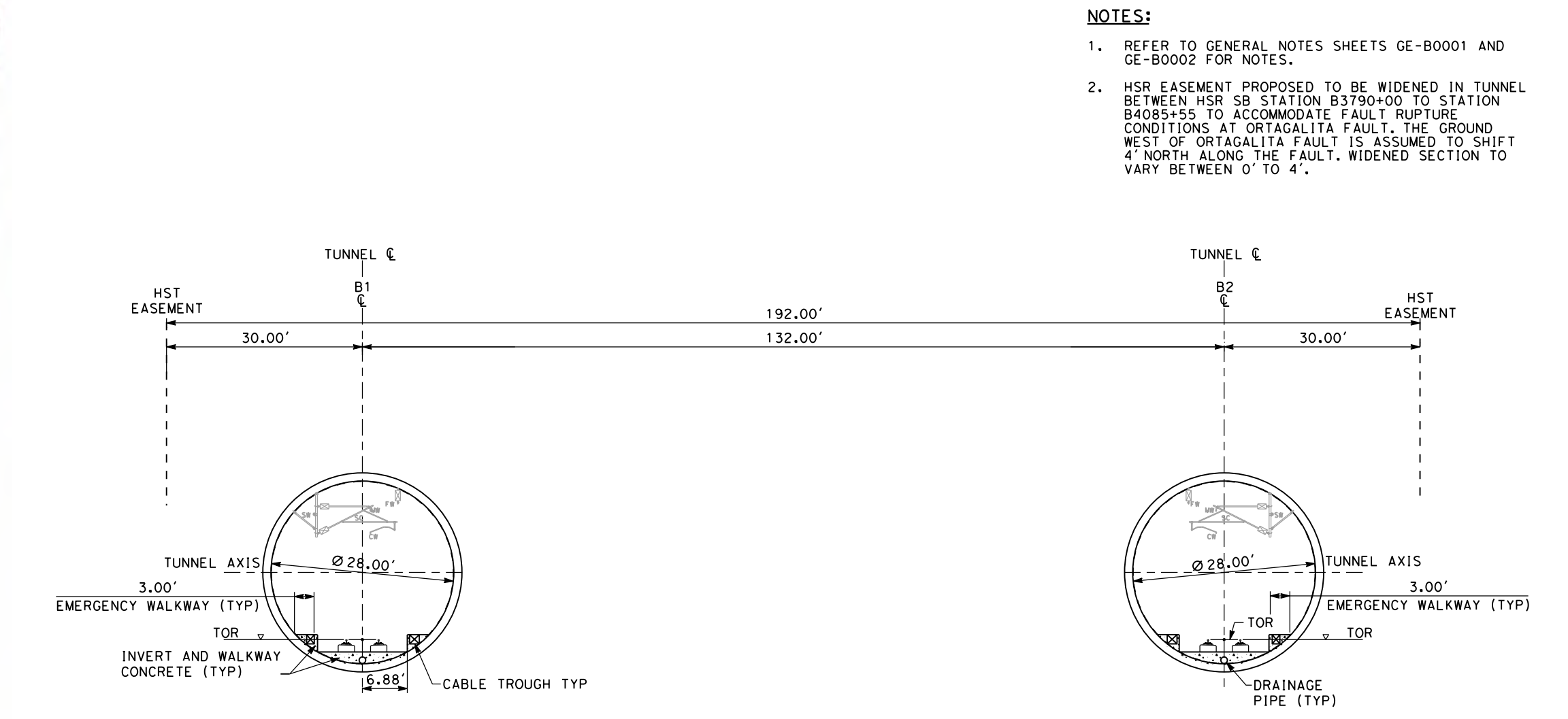
MERCED COUNTY



PLAN
SCALE: 1"=200'
1"=200' HOR



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT



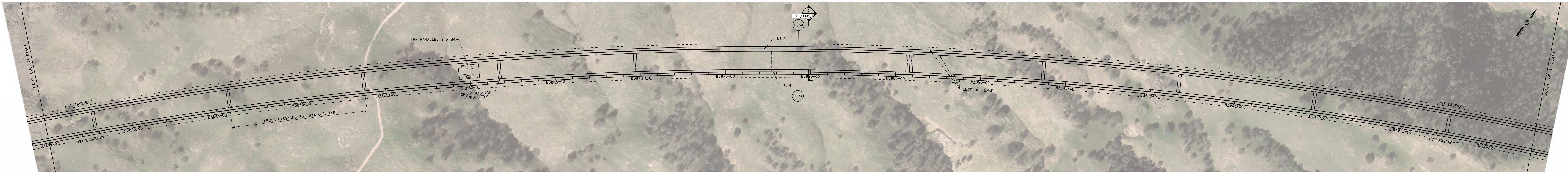
SECTION A
SCALE: 1"=20'
"B" 3790+00

- NOTES:**
- REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.
 - HSR EASEMENT PROPOSED TO BE WIDENED IN TUNNEL BETWEEN HSR SB STATION B3790+00 TO STATION B4085+55 TO ACCOMMODATE FAULT RUPTURE CONDITIONS AT ORTICALITA FAULT. THE GROUND WEST OF ORTICALITA FAULT IS ASSUMED TO SHIFT 4' NORTH ALONG THE FAULT. WIDENED SECTION TO VARY BETWEEN 0' TO 4'.

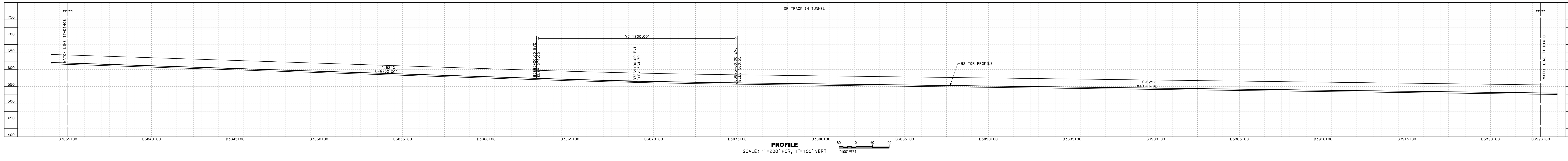
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 39 OF 253

RECORD PERP SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B3745+00 TO B3835+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1408 SCALE AS SHOWN SHEET NO.
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MERCED COUNTY

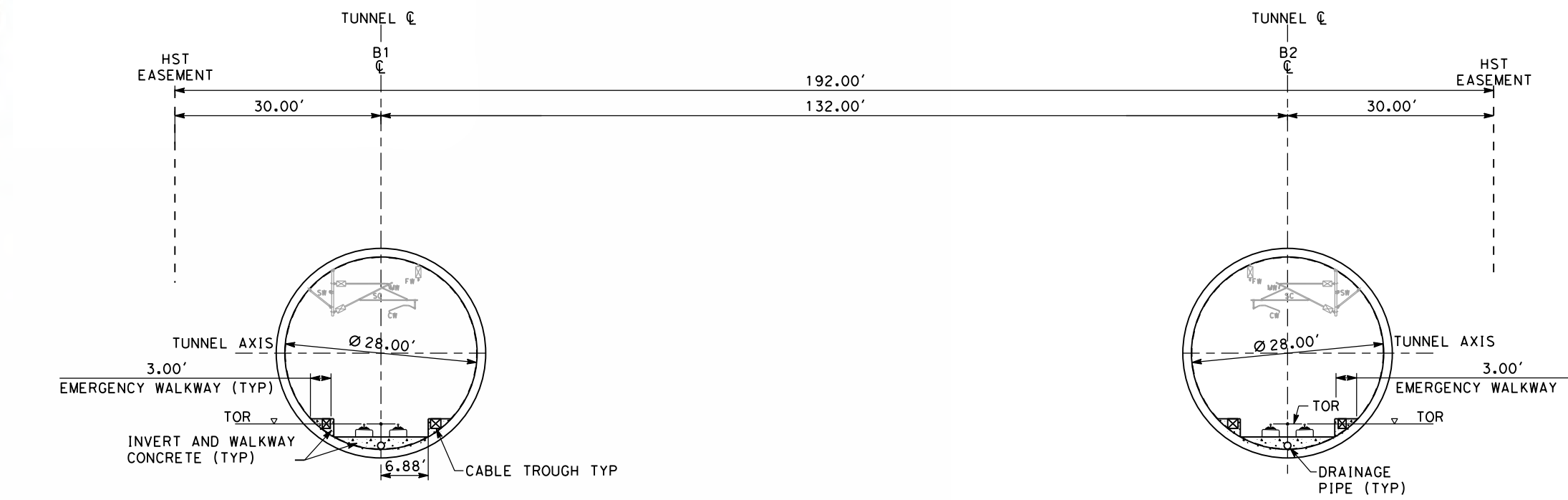


PLAN
SCALE: 1"=200'
1"=200' HOR



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT

- NOTES:**
- REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.
 - HSR EASEMENT PROPOSED TO BE WIDENED IN TUNNEL BETWEEN HSR SB STATION B3790+00 TO STATION B4085+55 TO ACCOMMODATE FAULT RUPTURE CONDITIONS AT ORTIGALITA FAULT. THE GROUND WEST OF ORTIGALITA FAULT IS ASSUMED TO SHIFT 4' NORTH ALONG THE FAULT. WIDENED SECTION TO VARY BETWEEN 0' TO 4'.



SECTION A
SCALE: 1"=20'
"B" 3879+87.70

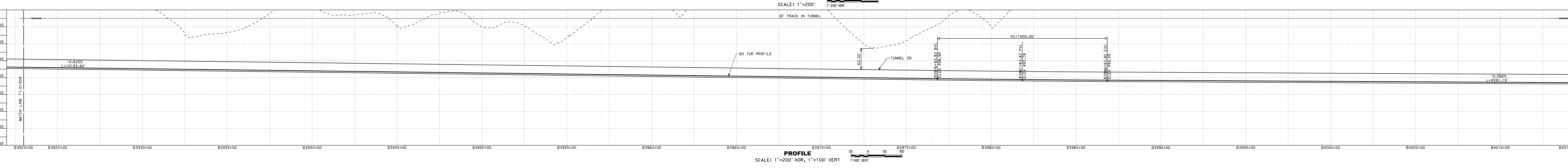
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 40 OF 253

<p>RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION</p>	<p>HNTB 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B3835+00 TO B3923+00</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D1409 SCALE: AS SHOWN SHEET NO.</p>
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MERCED COUNTY

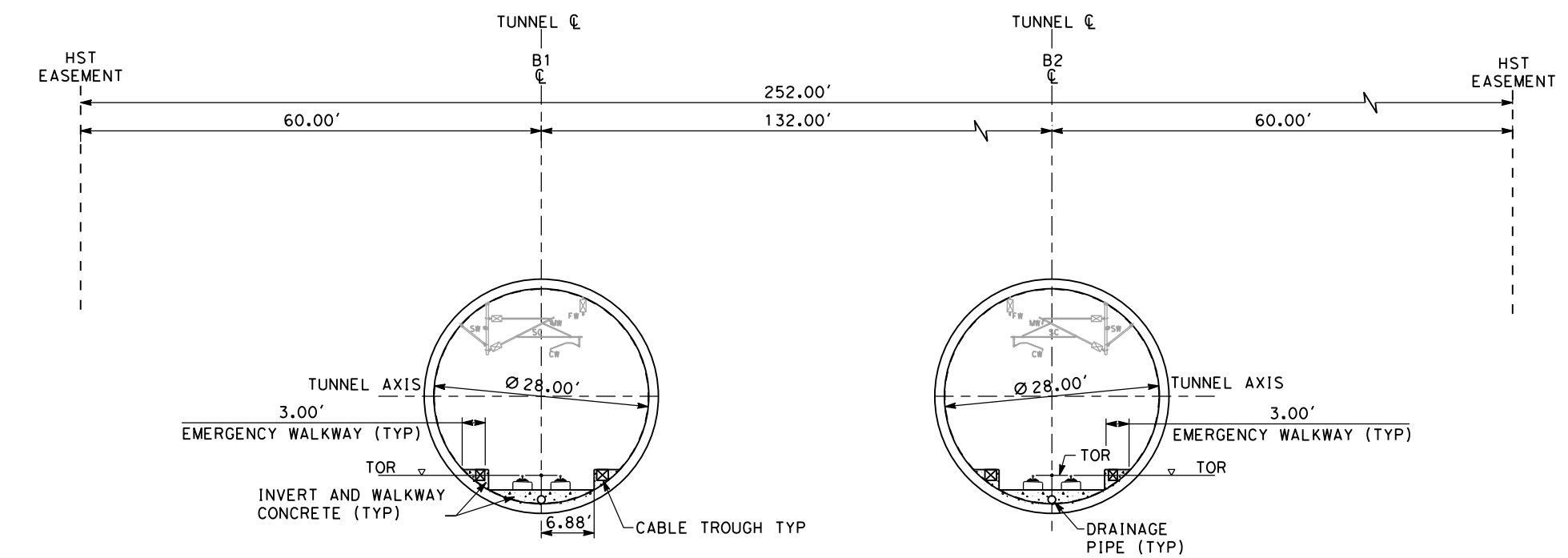


PLAN
SCALE: 1"=200'



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT

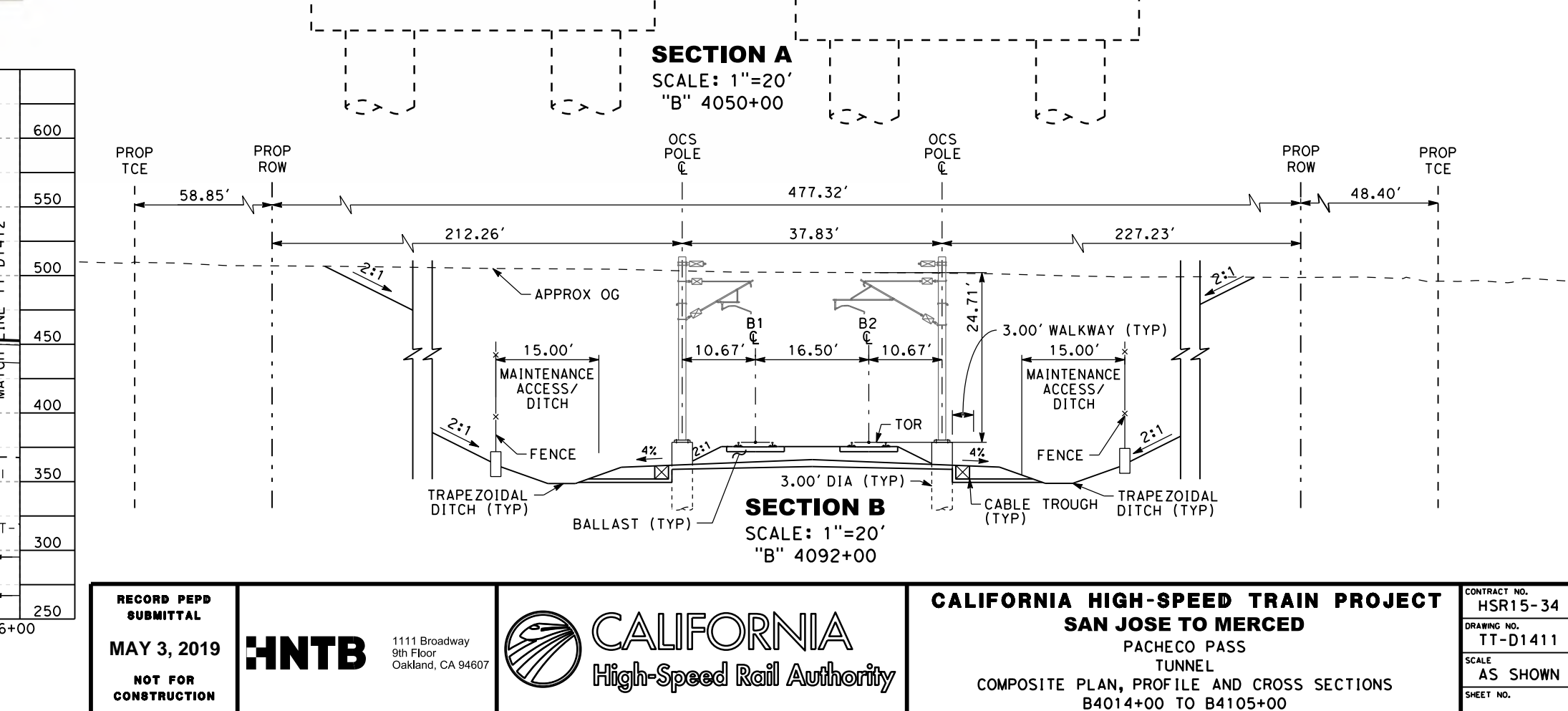
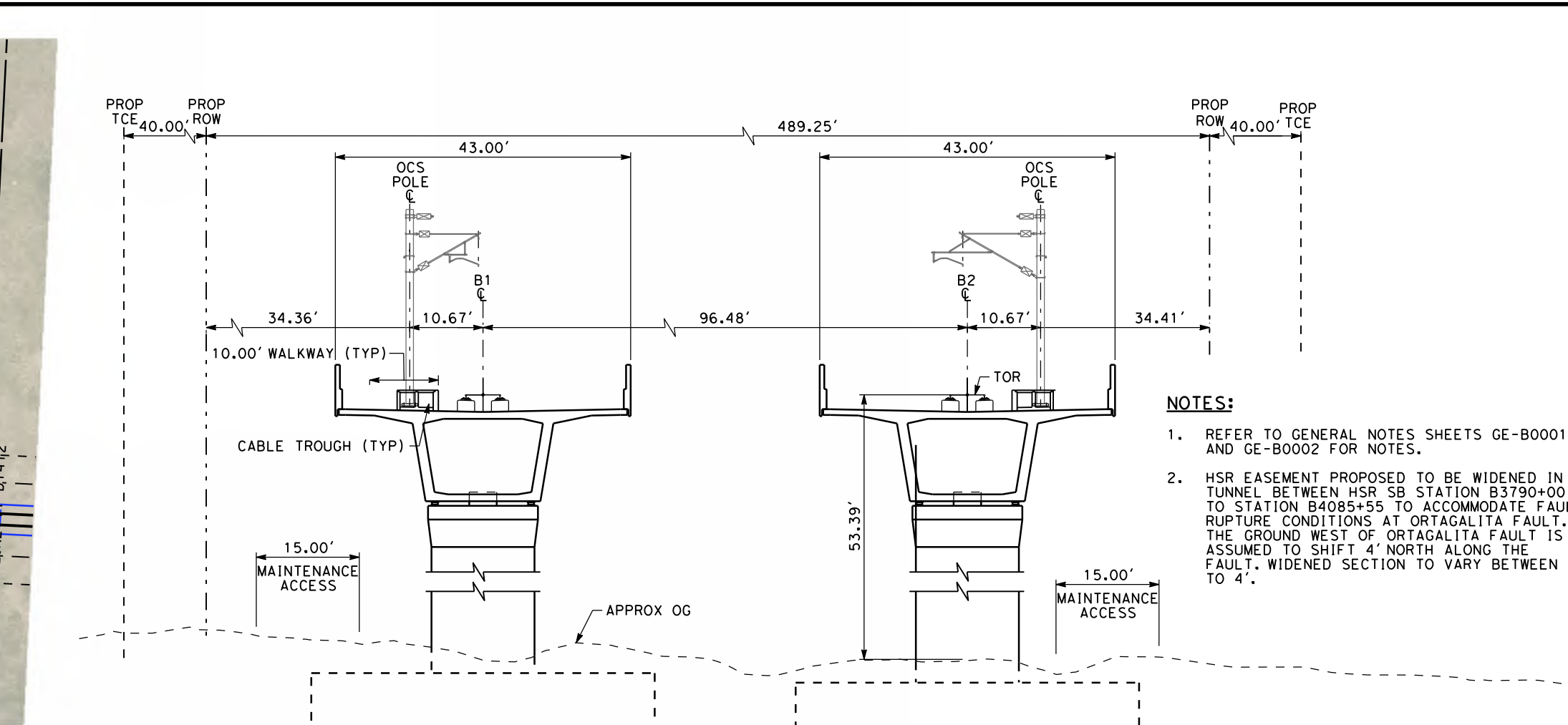
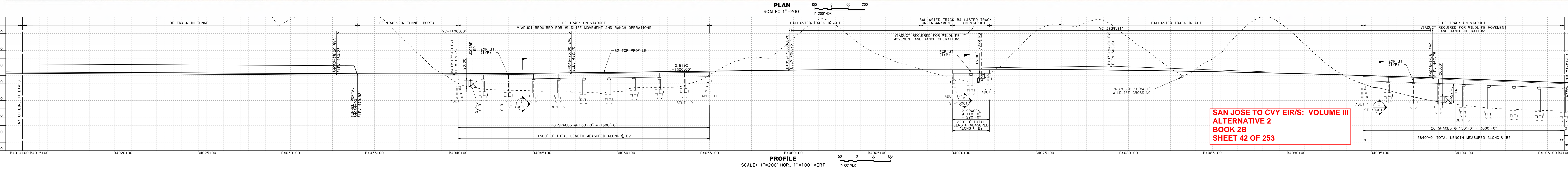
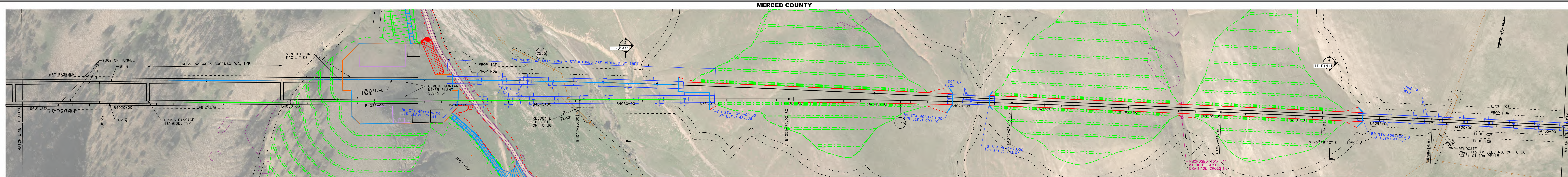
- NOTES:
- REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0004 FOR NOTES.
 - HSR EASEMENT PROPOSED TO BE WIDENED IN TUNNEL BETWEEN HSR SB STATION B3790+00 TO STATION B4085+55 TO ACCOMMODATE FAULT RUPTURE CONDITIONS AT ORTIGALITA FAULT. THE GROUND WEST OF ORTIGALITA FAULT IS ASSUMED TO SHIFT 4' NORTH ALONG THE FAULT. WIDENED SECTION TO VARY BETWEEN 0' TO 4'.



SECTION A
SCALE: 1"=20'
"B" 3995+00

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 41 OF 253**

RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B3923+00 TO B4014+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1410 SCALE AS SHOWN SHEET NO.
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- NOTES:**
1. REFER TO GENERAL NOTES SHEETS GE-0001 AND GE-0002 FOR NOTES.
 2. HSR EASEMENT PROPOSED TO BE WIDENED IN TUNNEL BETWEEN HSR SB STATION 83700+00 TO STATION B4085+55 TO ACCOMMODATE FAULT RUPTURE CONDITIONS AT ORTIGALITA FAULT. THE GROUND WEST OF ORTIGALITA FAULT IS ASSUMED TO SHIFT 4' NORTH ALONG THE FAULT. WIDENED SECTION TO VARY BETWEEN 0' TO 4'.

RECORD PERP SUBMITTAL
MAY 3, 2019
NOT FOR CONSTRUCTION

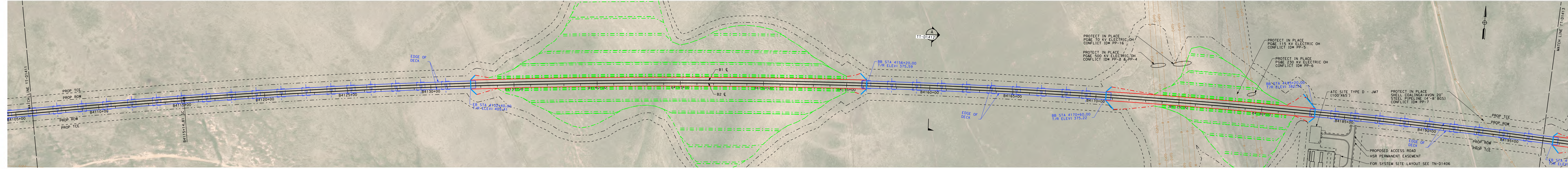
HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

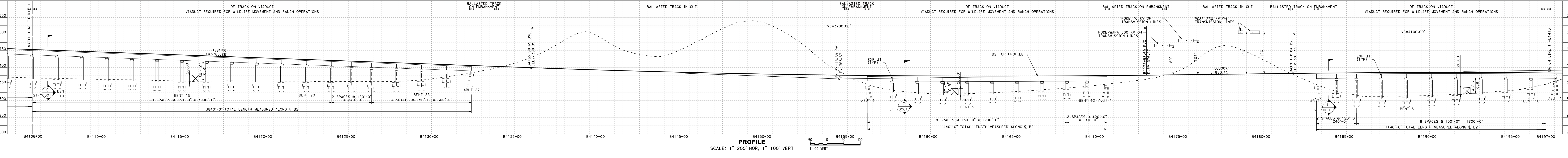
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
PACHECO PASS
TUNNEL
COMPOSITE PLAN, PROFILE AND CROSS SECTIONS
B4014+00 TO B4105+00

CONTRACT NO. HSR15-34
DRAWING NO. TT-D1411
SCALE: AS SHOWN
SHEET NO.

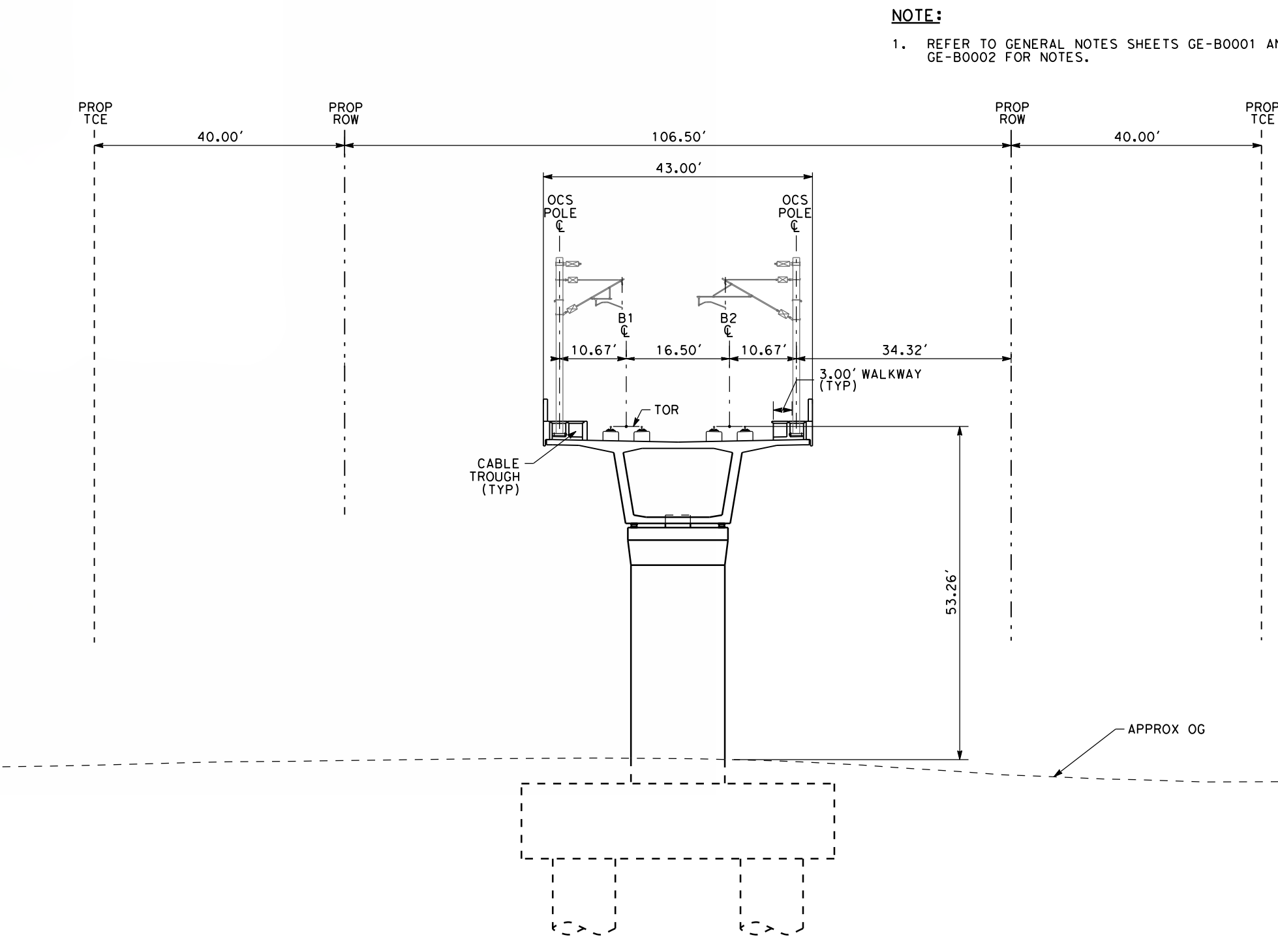
MERCED COUNTY



PLAN
SCALE: 1"=200'
1"=200' HOR



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT



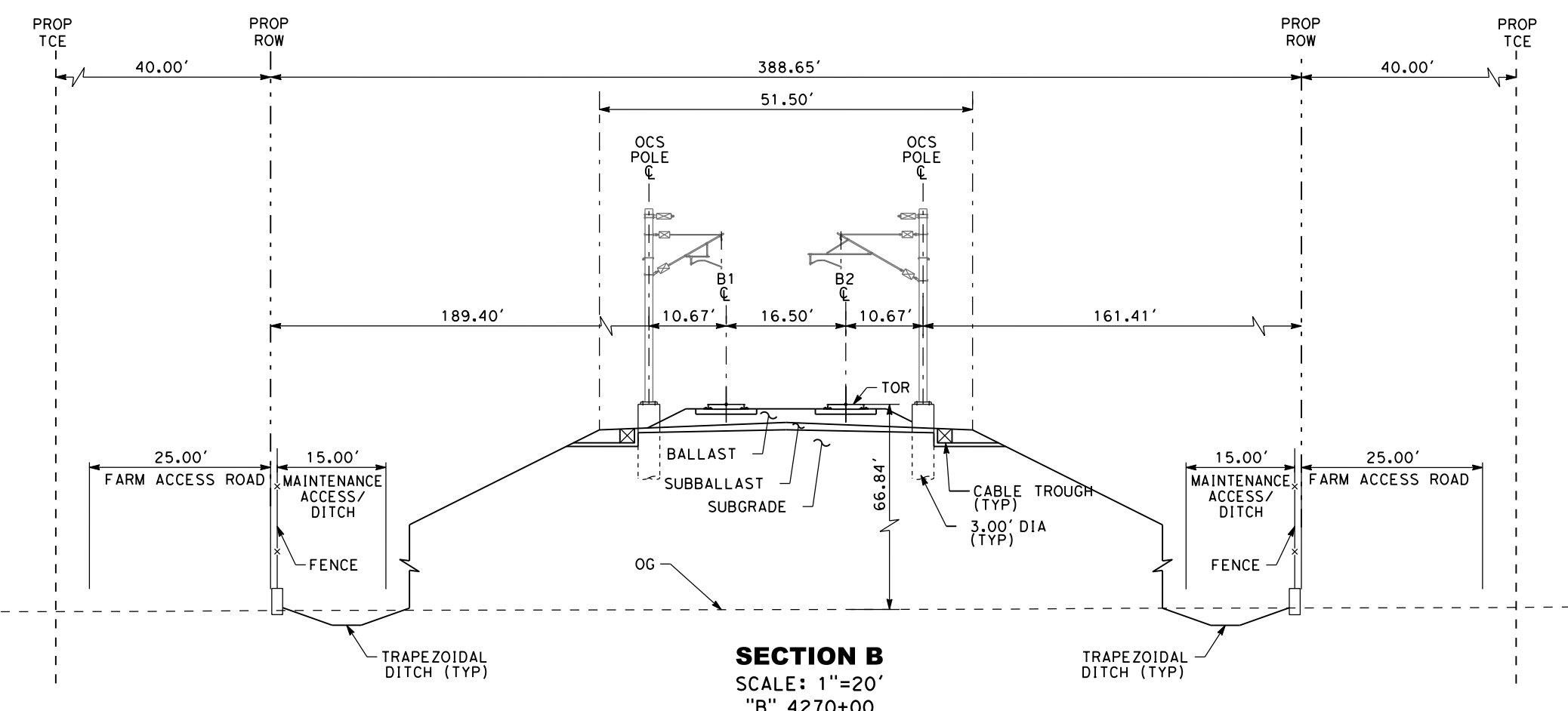
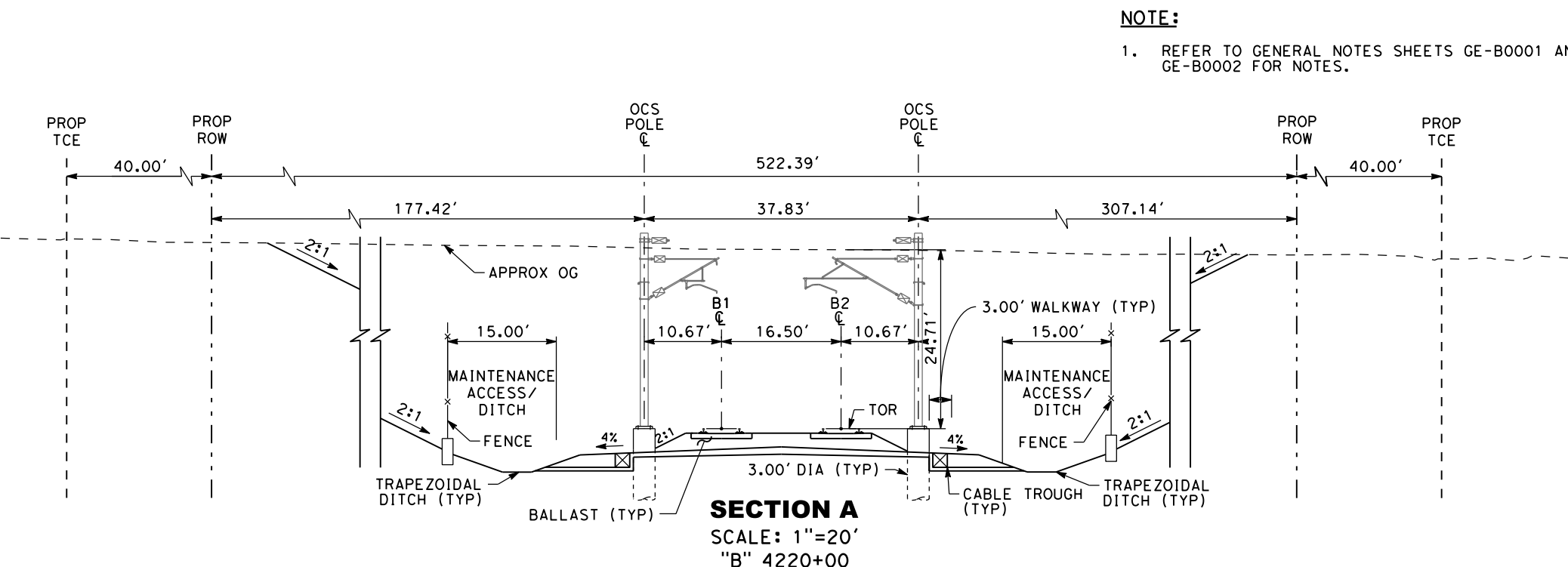
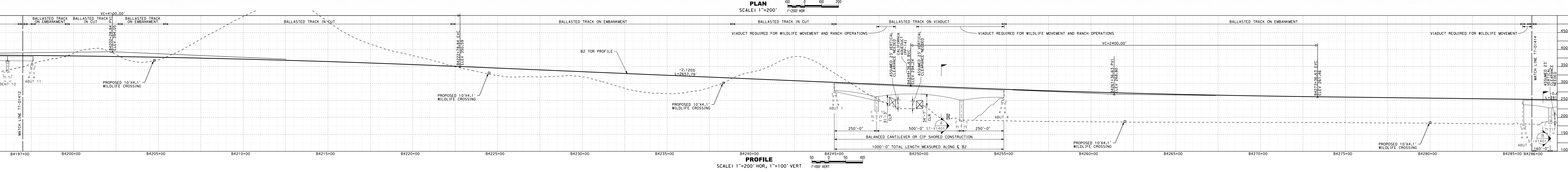
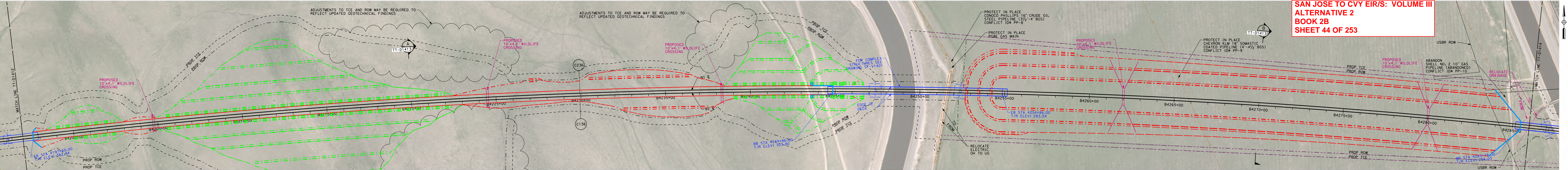
SECTION A
SCALE: 1"=20'
"B" 4160+00

NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 43 OF 253

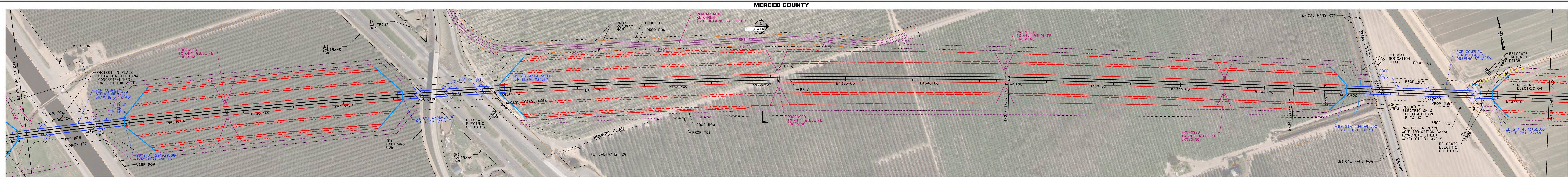
RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B4105+00 TO B4196+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1412 SCALE: AS SHOWN SHEET NO.
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**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 44 OF 253**

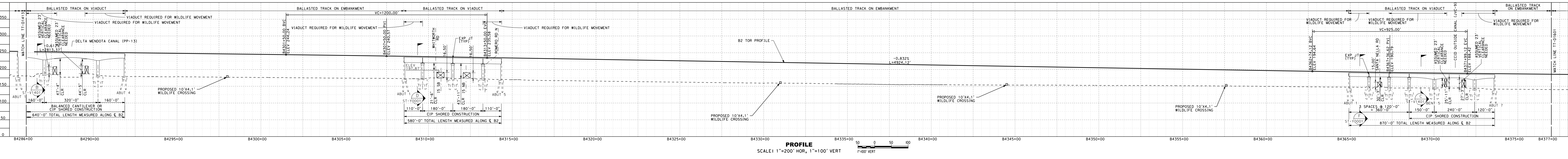


NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

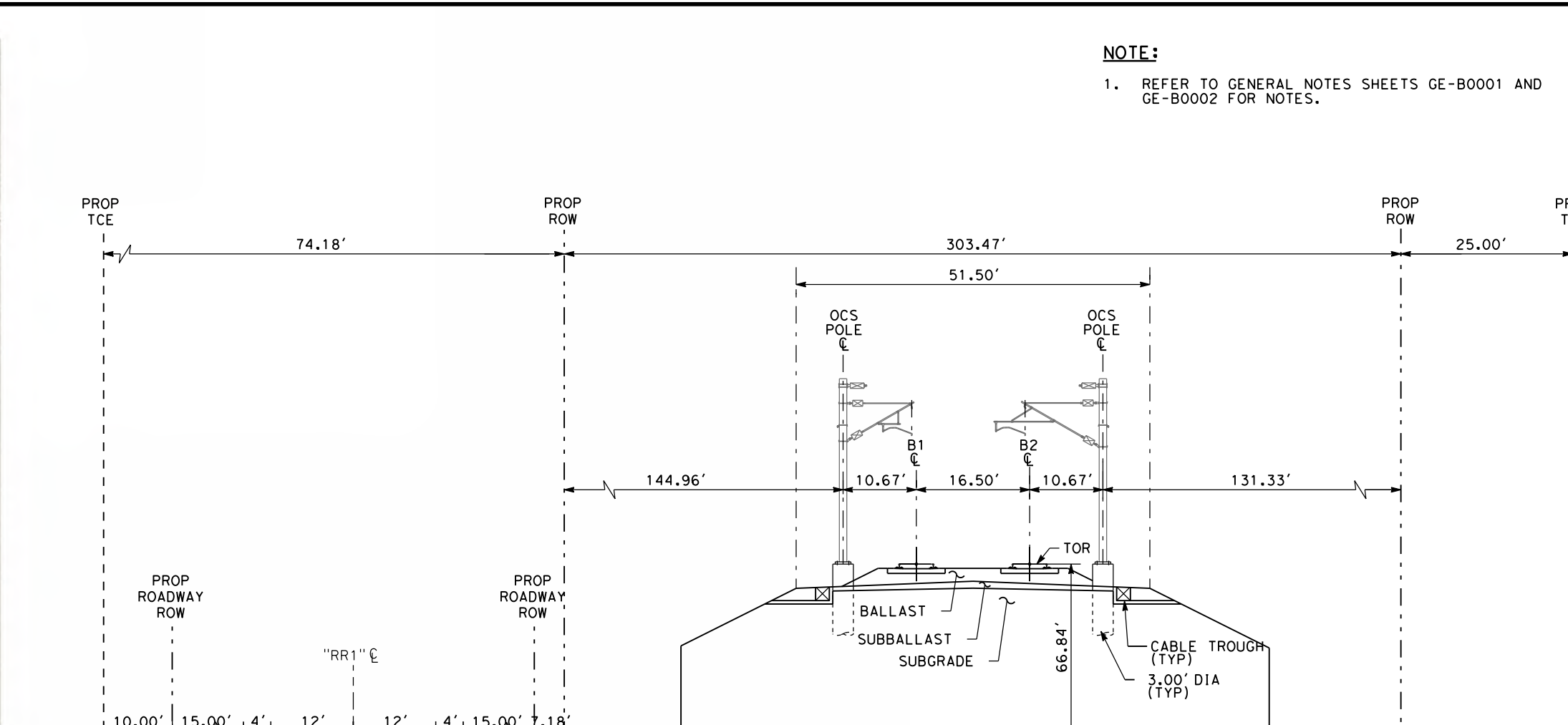
<p>RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION</p>	<p>HNTB 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B4196+00 TO B4287+00</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D1413 SCALE AS SHOWN SHEET NO.</p>
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PLAN
SCALE: 1"=200'
1"=200' HOR



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT

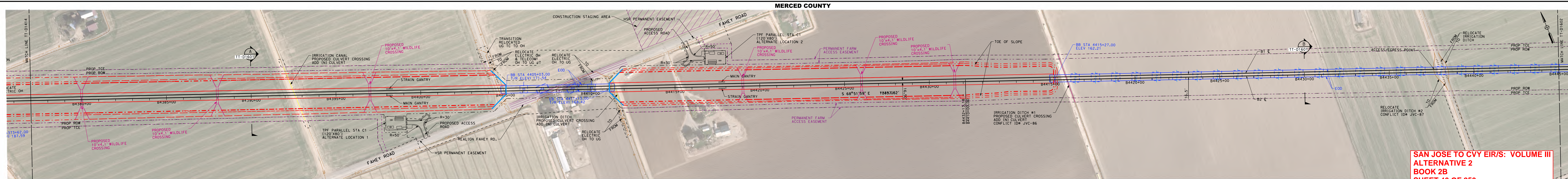


SECTION A
SCALE: 1"=20'
"B" 4330+00

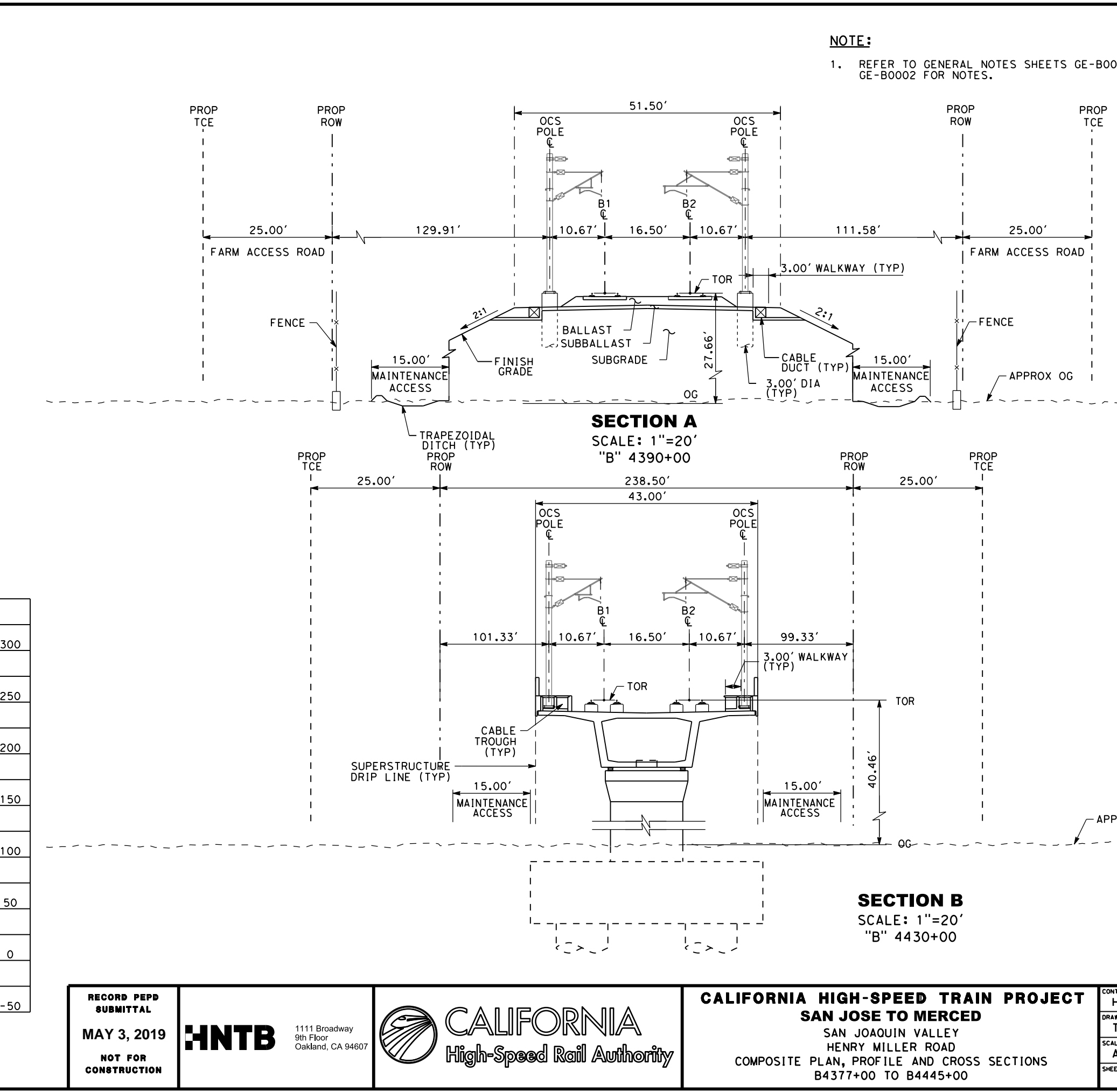
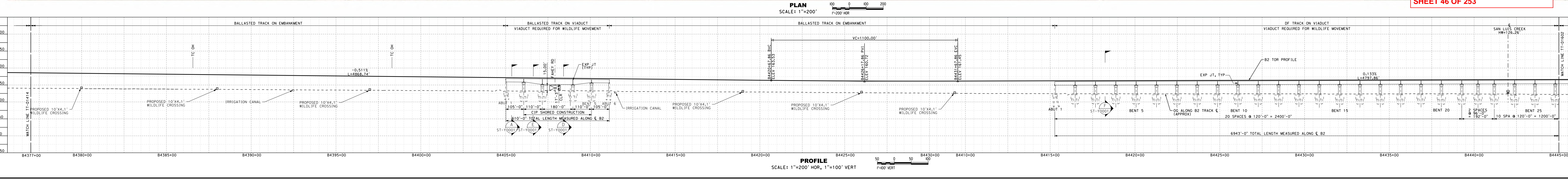
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 45 OF 253**

<p>RECORD PERP SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION</p>	<p>HNTB 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B4287+00 TO B4372+00</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D1414 SCALE AS SHOWN SHEET NO.</p>
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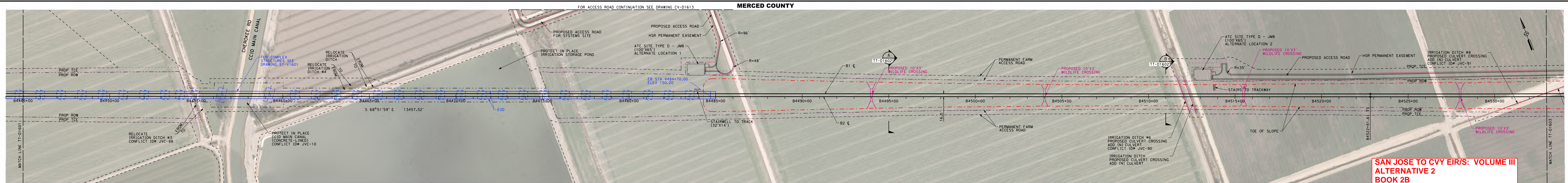


**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 46 OF 253**

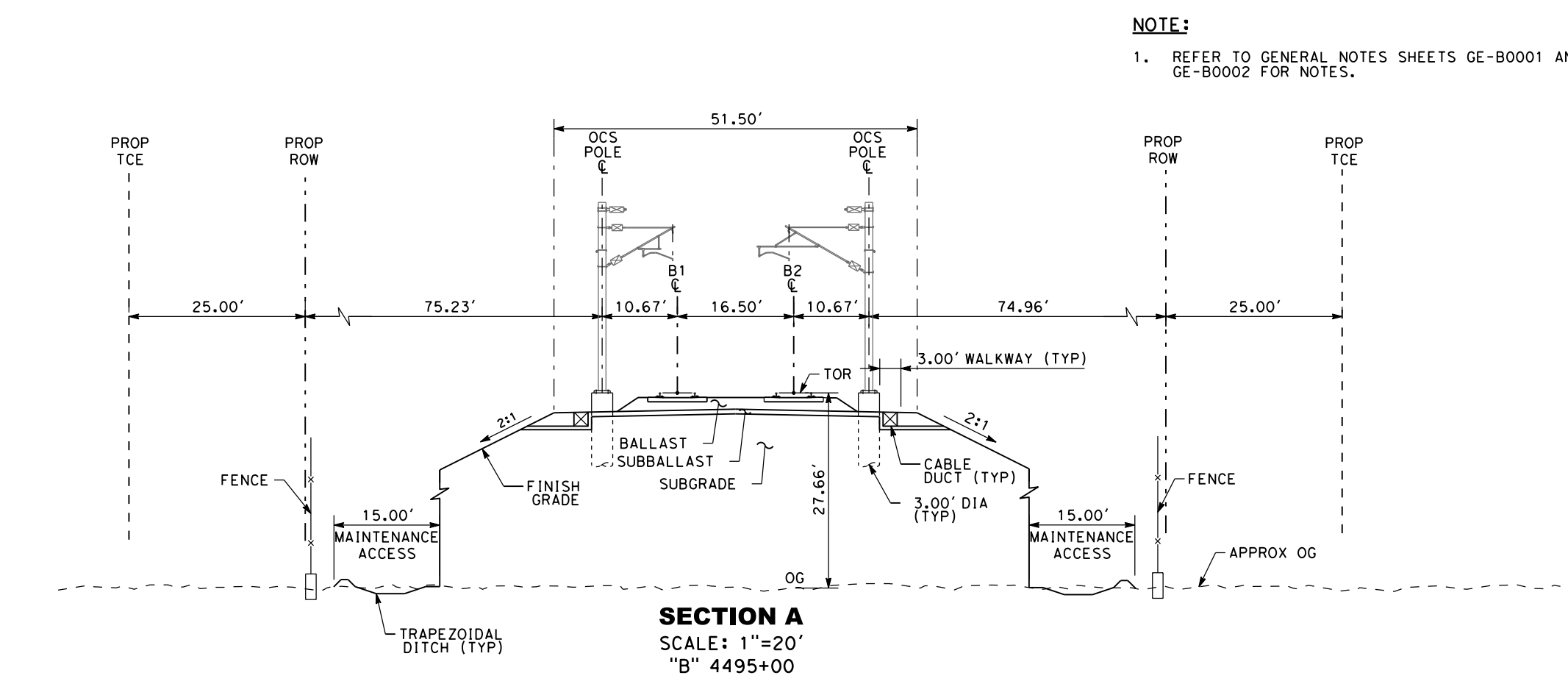
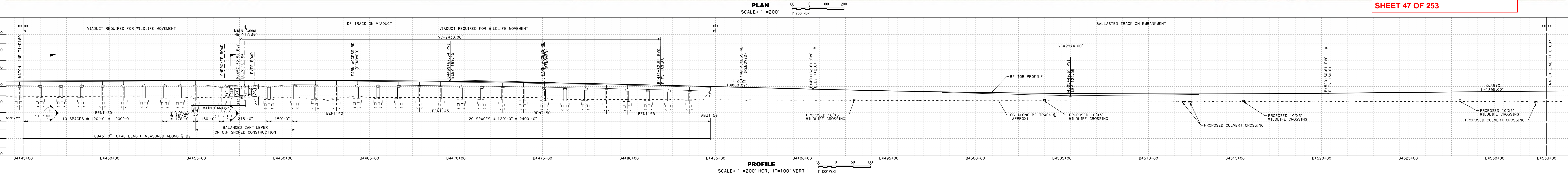


NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

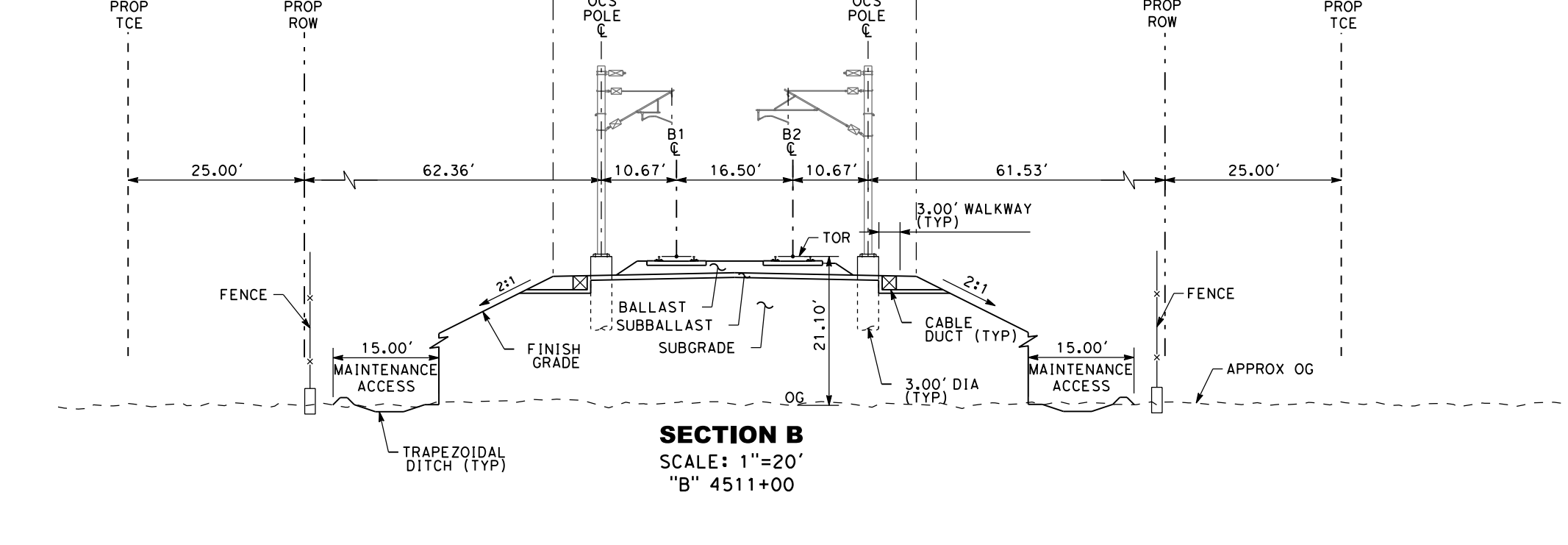
RECORD PERP SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B4377+00 TO B4445+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1601 SCALE: AS SHOWN SHEET NO.
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**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 47 OF 253**



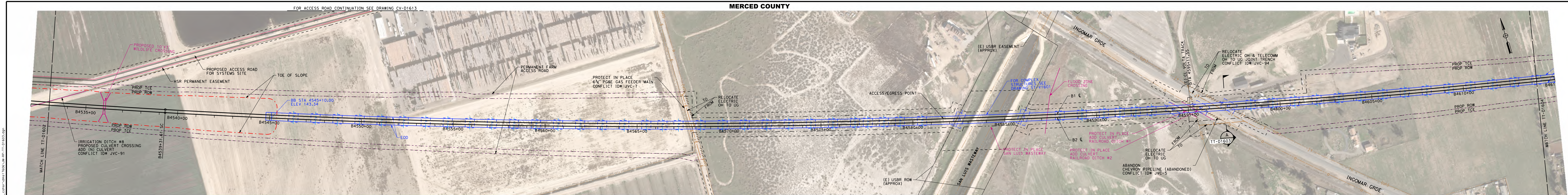
**SECTION A
SCALE: 1"=20'
"B" 4495+00**



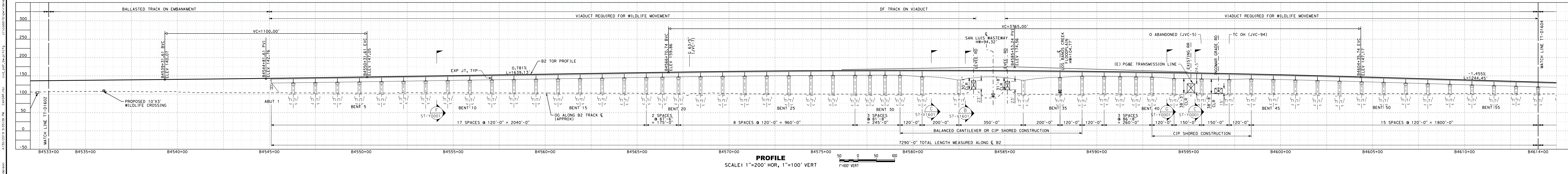
**SECTION B
SCALE: 1"=20'
"B" 4511+00**

NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

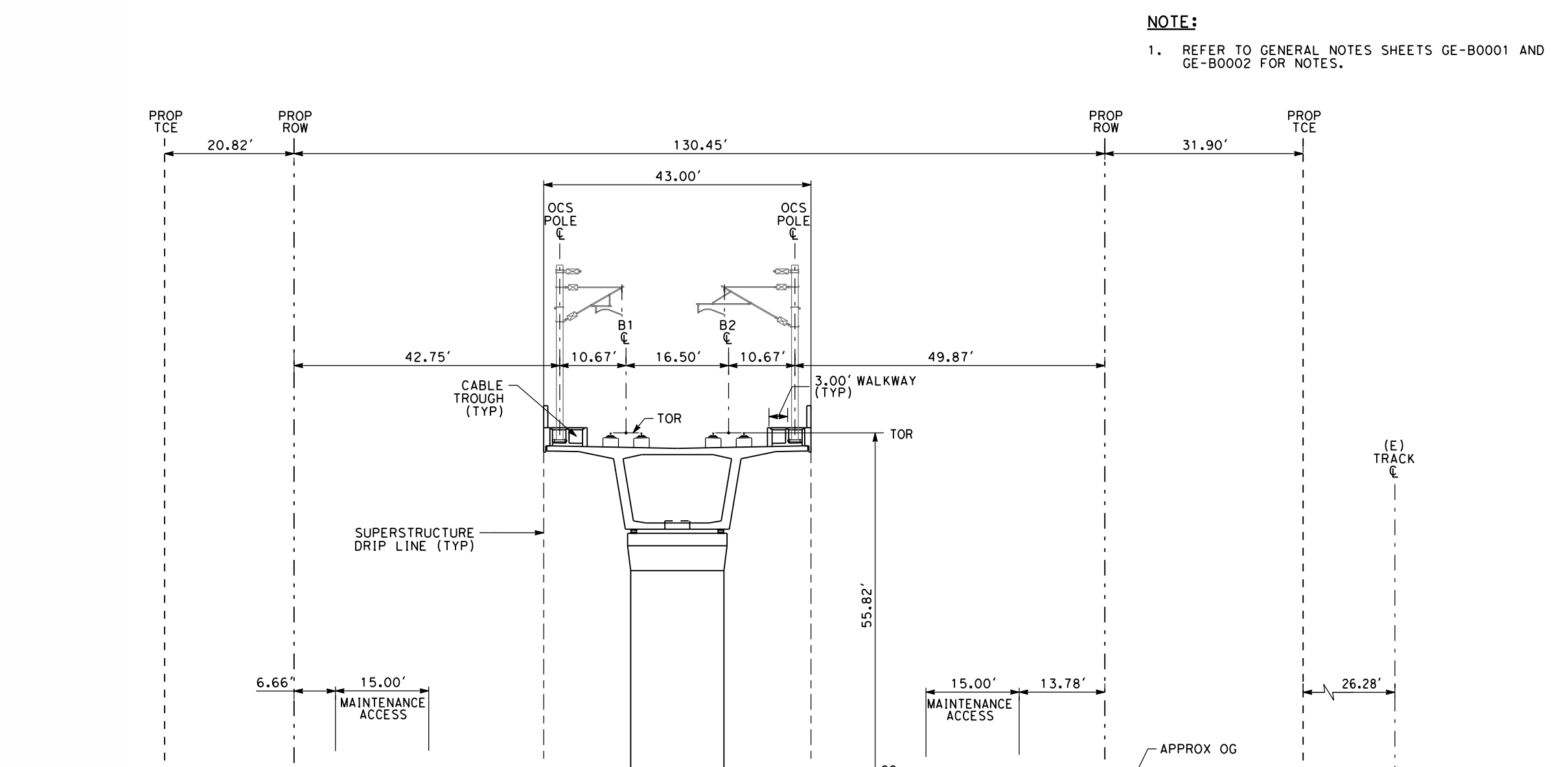
RECORD PERP SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B4445+00 TO B4533+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1602 SCALE AS SHOWN SHEET NO.
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PLAN
SCALE: 1"=200'
1"=200' HOR



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT



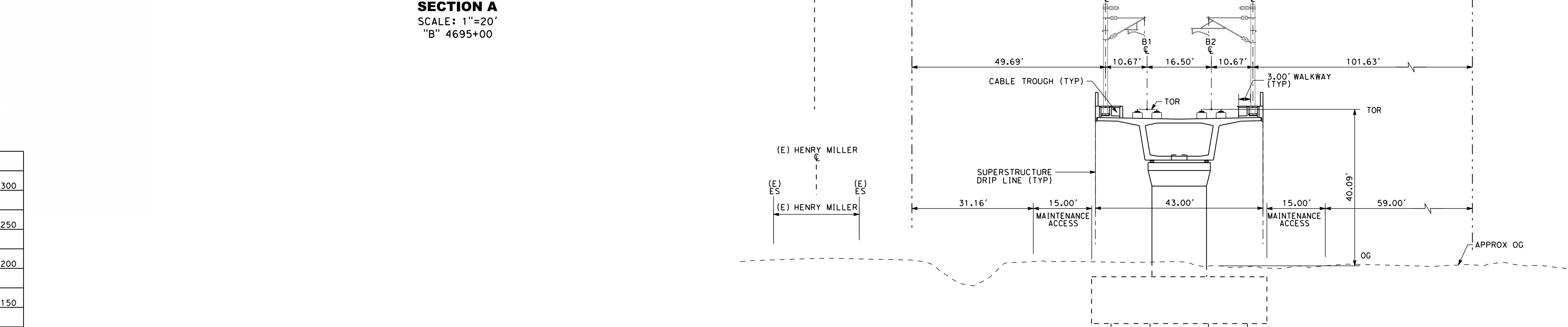
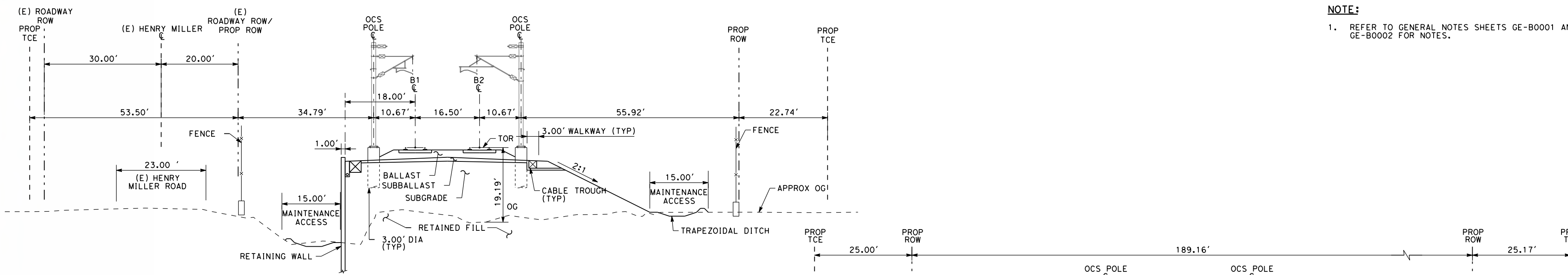
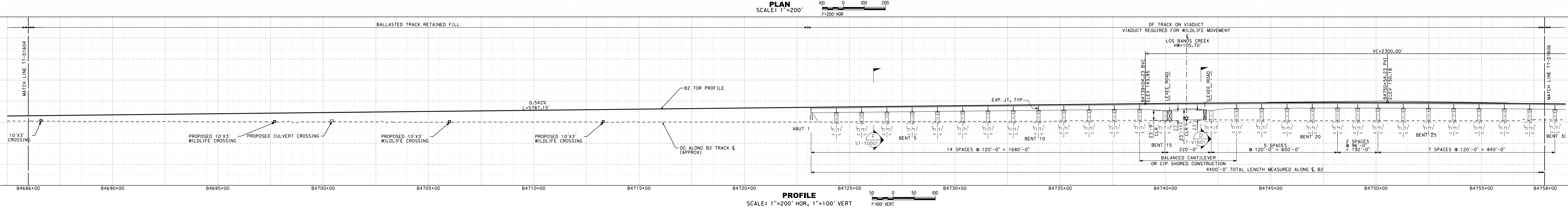
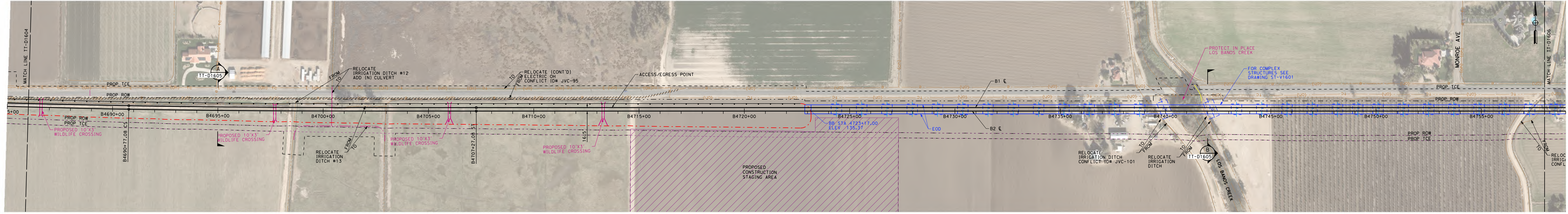
SECTION A
SCALE: 1"=20'
"B" 4597+00

NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B001 AND GE-B002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 48 OF 253

RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B4533+00 TO B4614+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1603 SCALE AS SHOWN SHEET NO.
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MERCED COUNTY

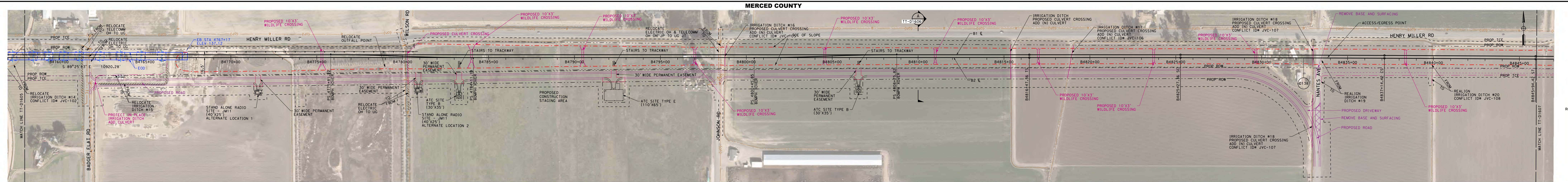


NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

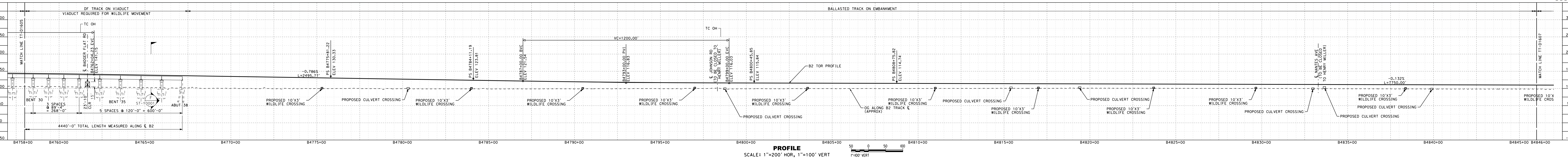
**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 50 OF 253**

<p>RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION</p>	<p>HNTB 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B4686+00 TO B4758+00</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D1605 SCALE AS SHOWN SHEET NO.</p>
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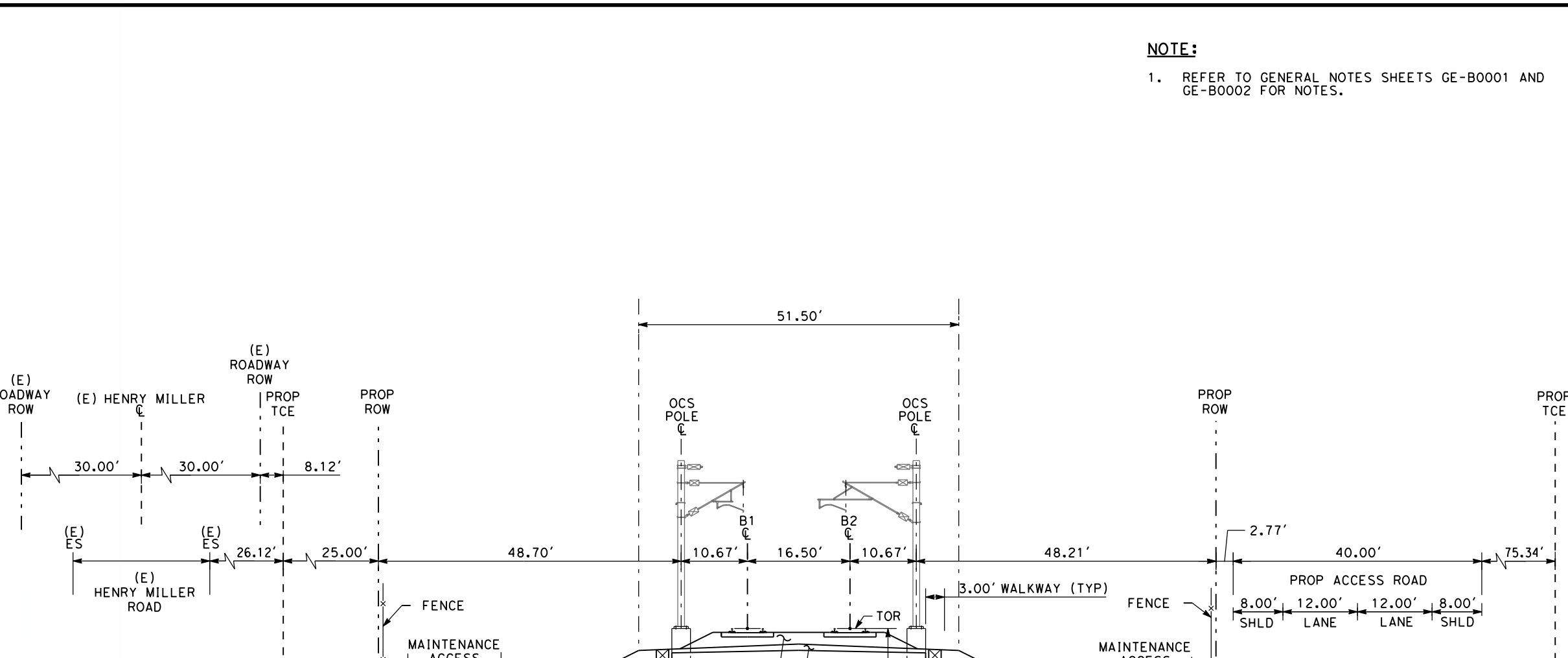
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PLAN
SCALE: 1"=200'



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT



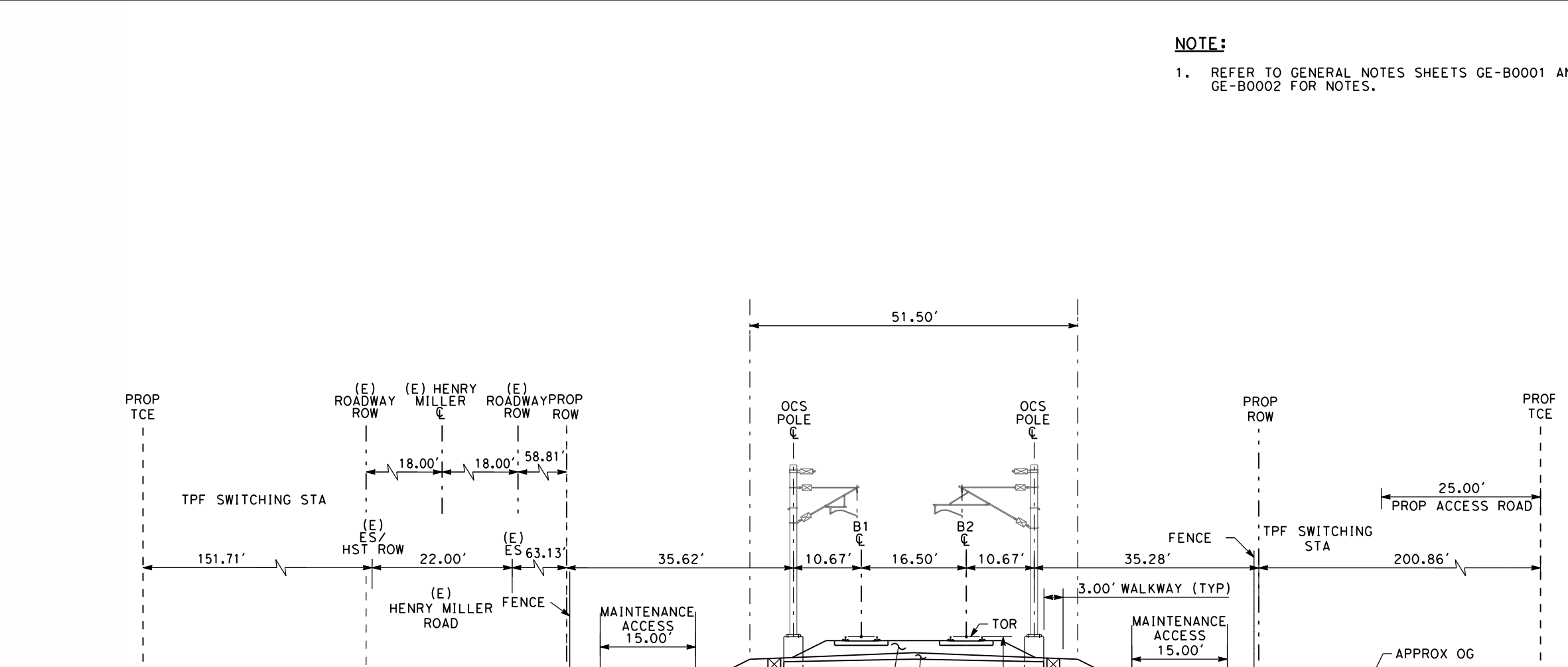
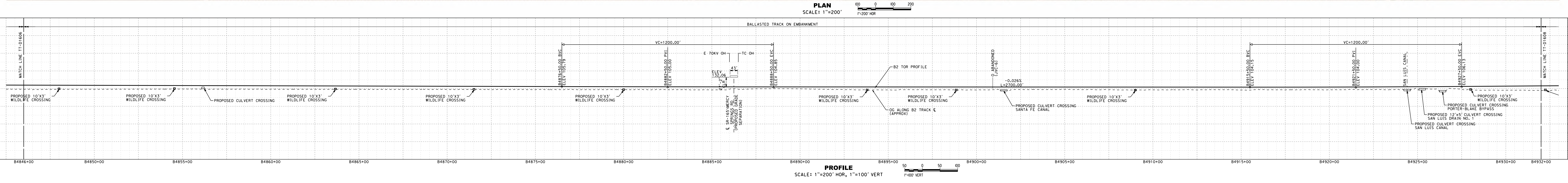
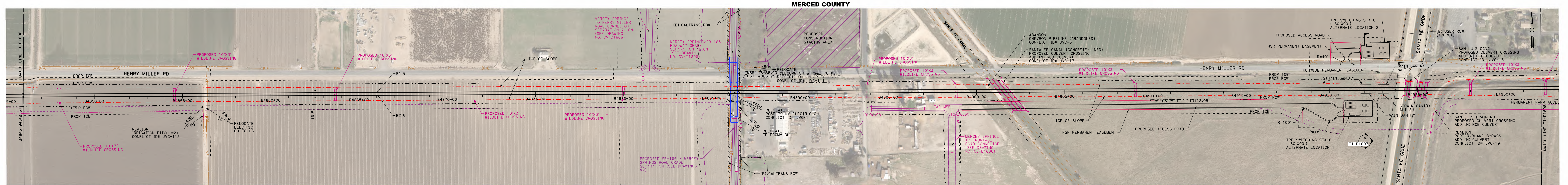
SECTION A
SCALE: 1"=20'
"B" 4810+00

NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
 ALTERNATIVE 2
 BOOK 2B
 SHEET 51 OF 253

RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B4758+00 TO B4846+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1606 SCALE AS SHOWN SHEET NO.
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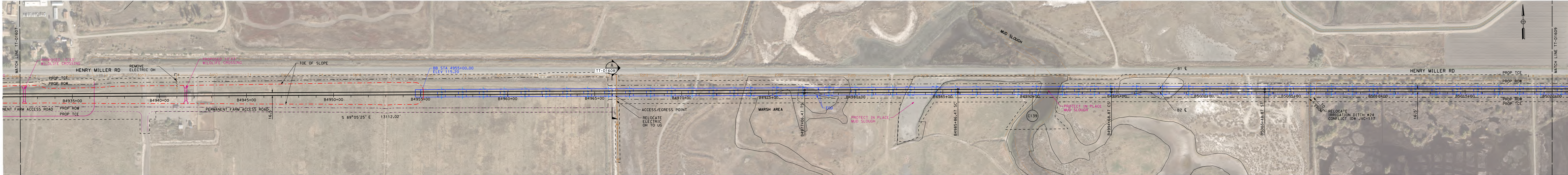


NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

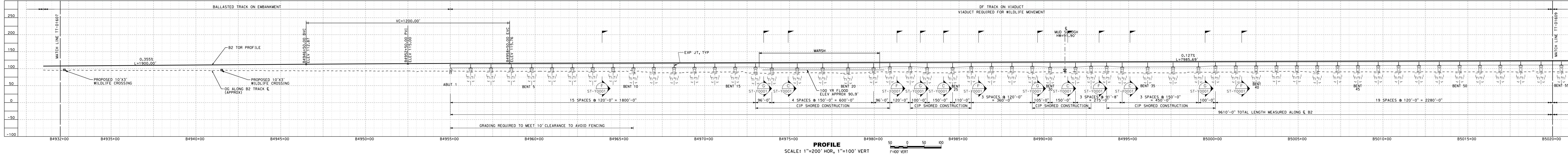
SAN JOSE TO CVY EIR/S: VOLUME III
 ALTERNATIVE 2
 BOOK 2B
 SHEET 52 OF 253

RECORD PERP SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B4846+00 TO B4932+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1607 SCALE AS SHOWN SHEET NO.
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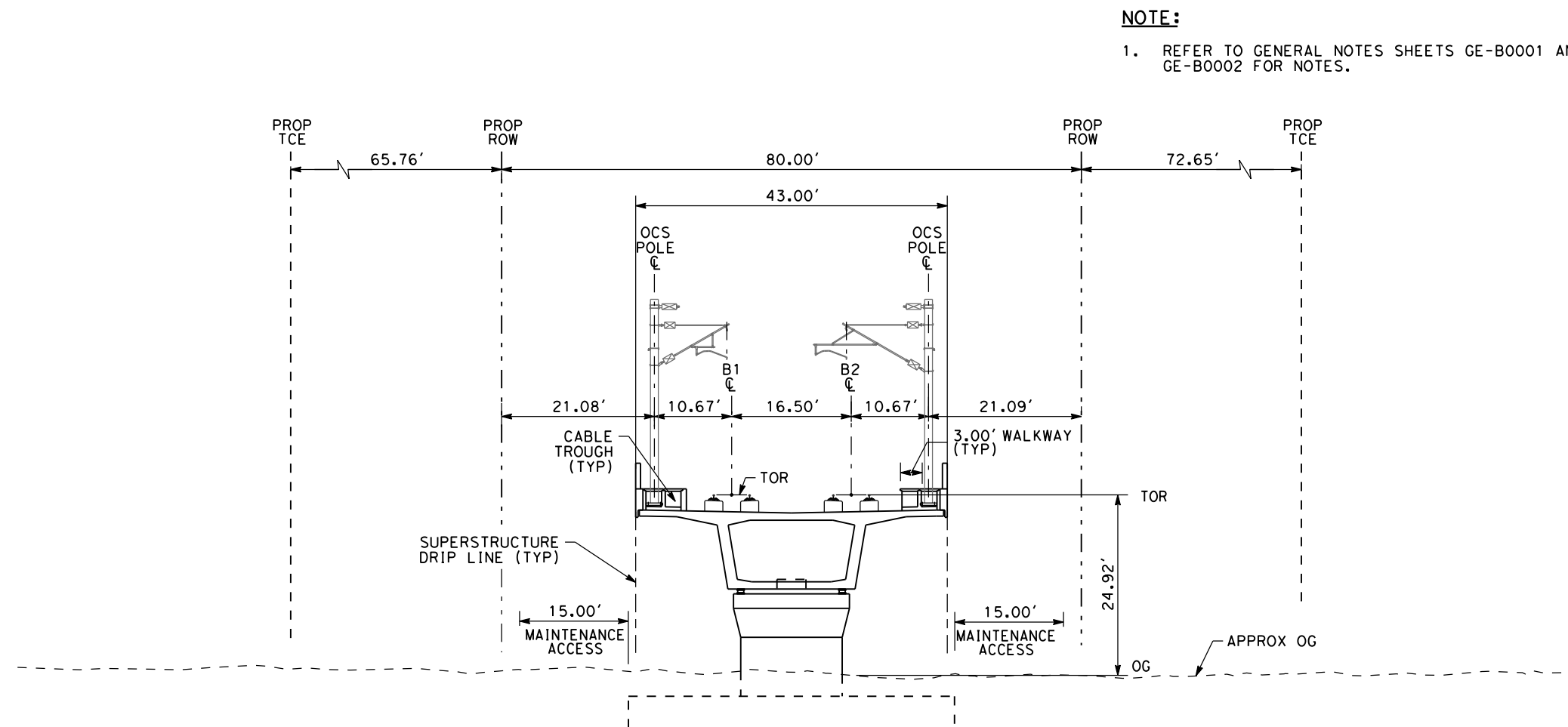
MERCED COUNTY



PLAN
SCALE: 1"=200'



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT



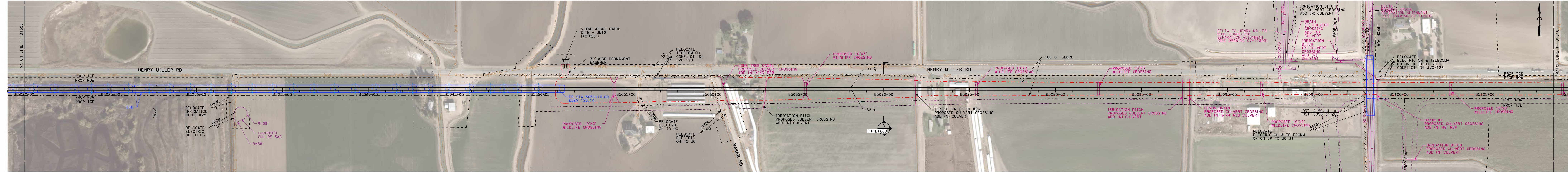
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"B" 4966+00

NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

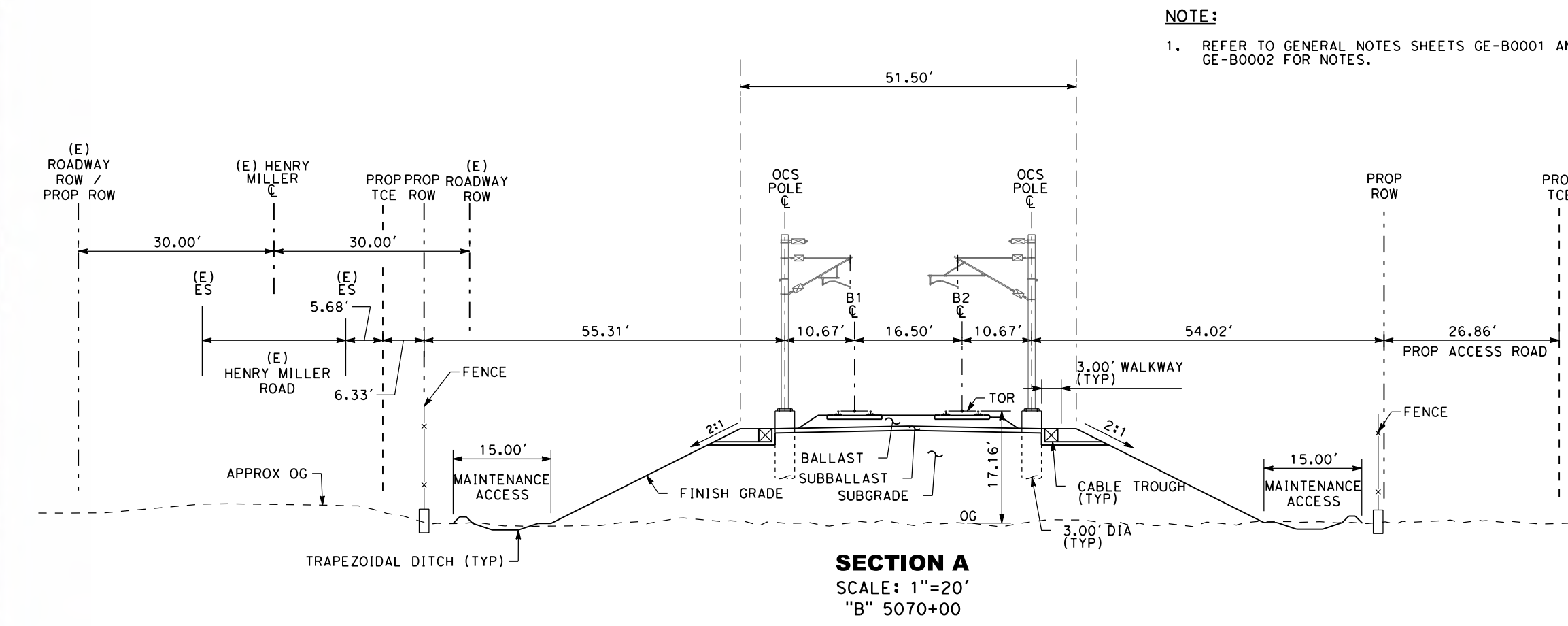
**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 53 OF 253**

<p>RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION</p>	<p>HNTB 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B4932+00 TO B5020+00</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D1608 SCALE AS SHOWN SHEET NO.</p>
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MERCED COUNTY

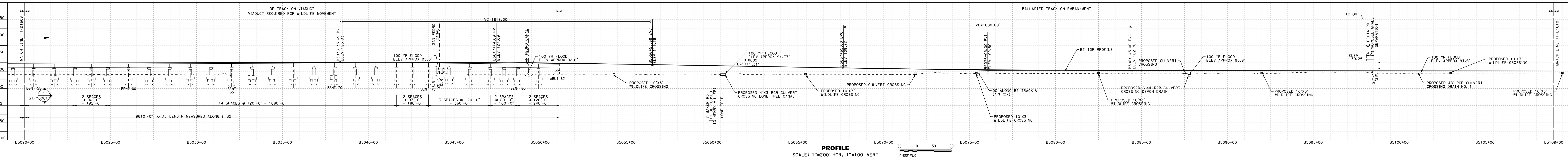


PLAN
SCALE: 1"=200'
1"=200' HOR



SECTION A
SCALE: 1"=20'
"B" 5070+00

NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

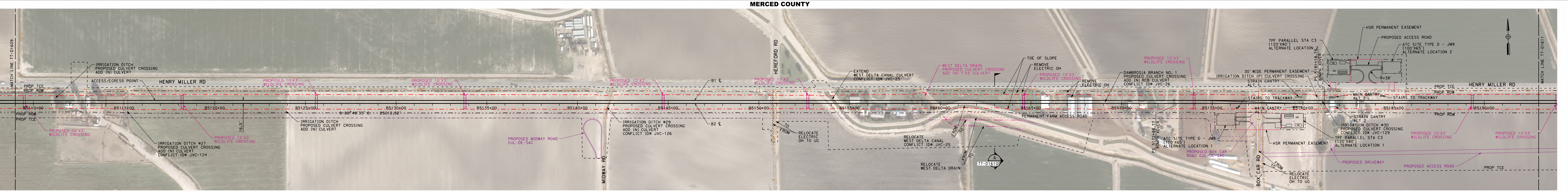


PROFILE
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1"=100' VERT

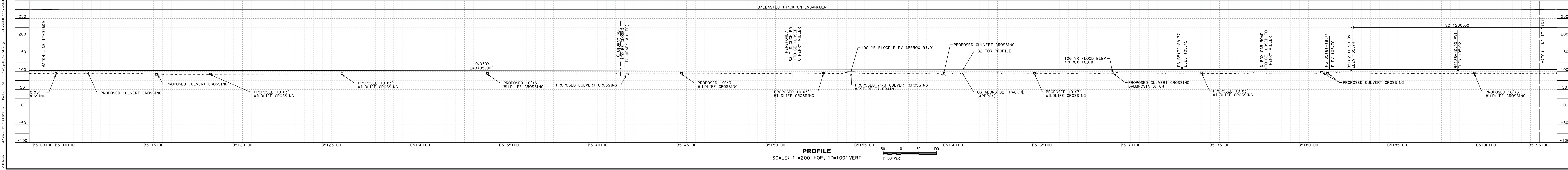
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 54 OF 253

RECORD PERP SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B5020+00 TO B5109+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1609 SCALE AS SHOWN SHEET NO.
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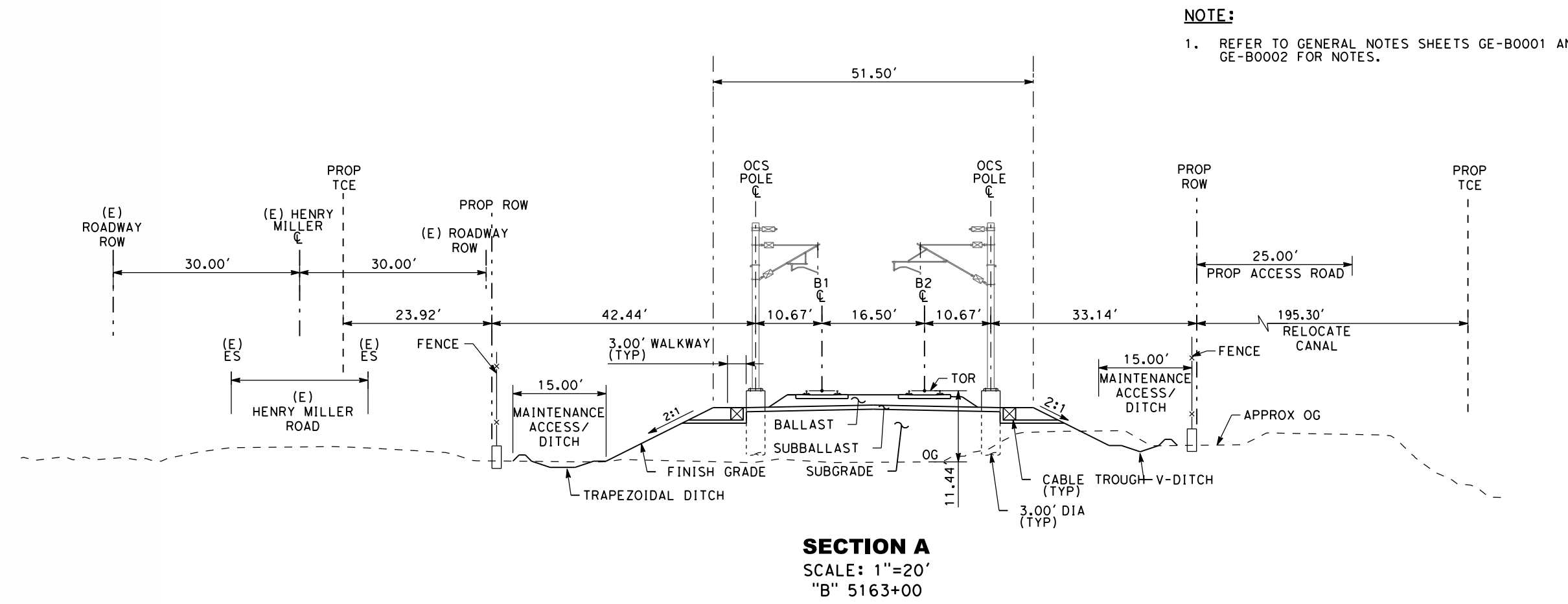
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PLAN
SCALE: 1"=200'
1"=200' HOR



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT

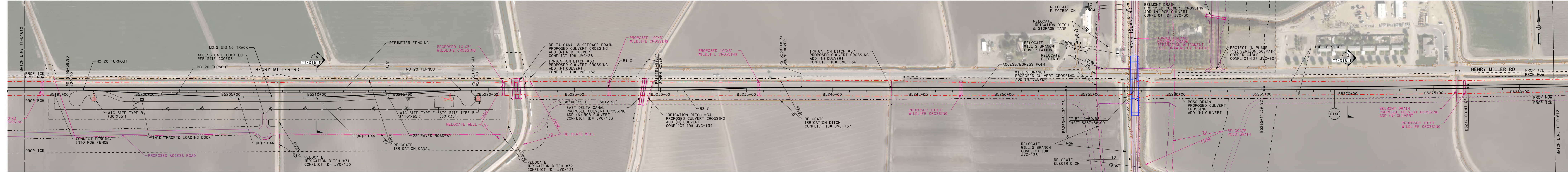


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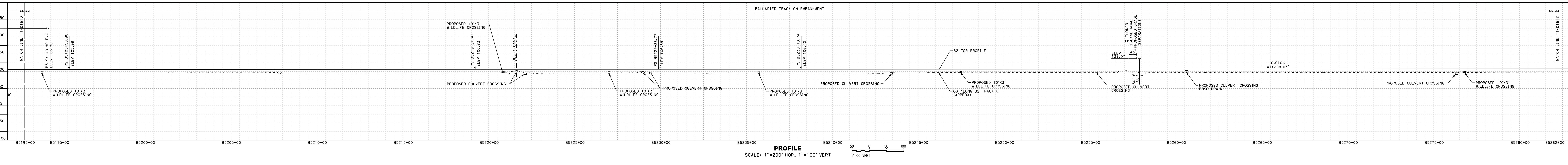
SAN JOSE TO CVY EIR/S: VOLUME III
 ALTERNATIVE 2
 BOOK 2B
 SHEET 55 OF 253

RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B5109+00 TO B5193+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1610 SCALE AS SHOWN SHEET NO.
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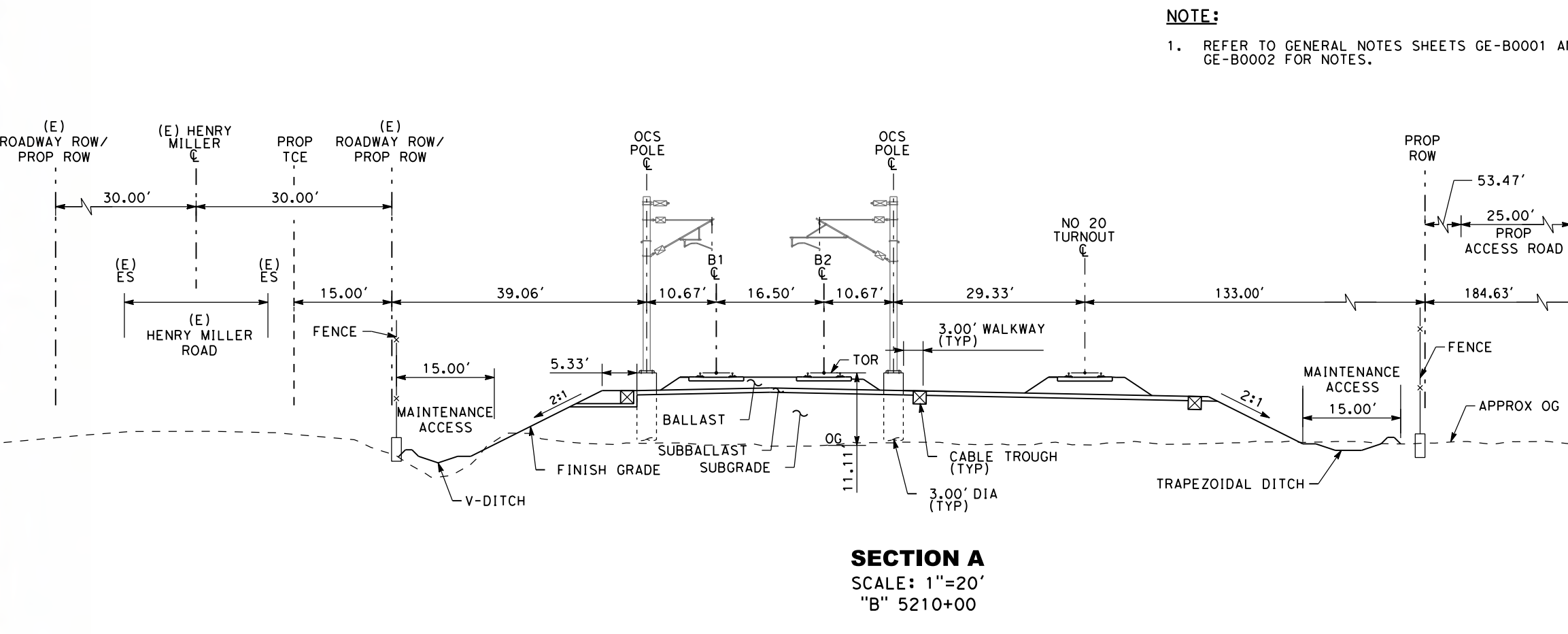
MERCED COUNTY



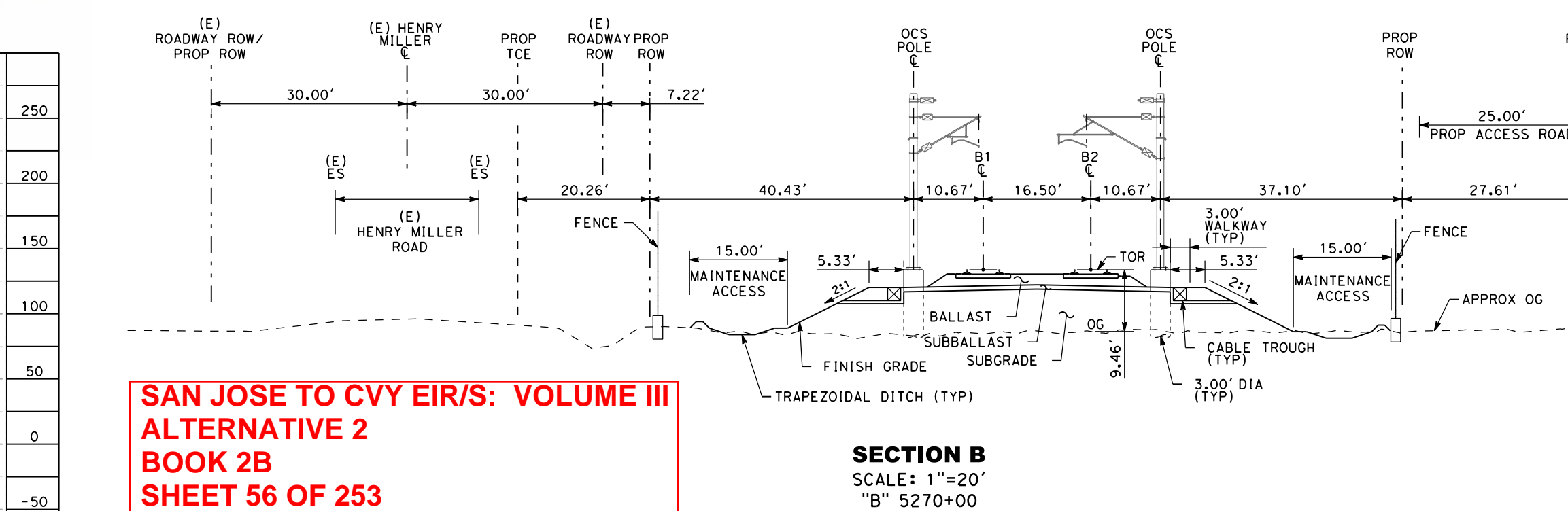
PLAN
SCALE: 1"=200'



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT



SECTION A
SCALE: 1"=20'
"B" 5210+00



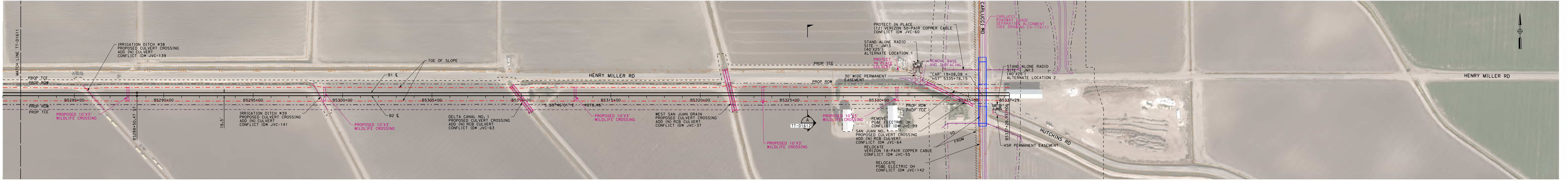
SECTION B
SCALE: 1"=20'
"B" 5270+00

NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

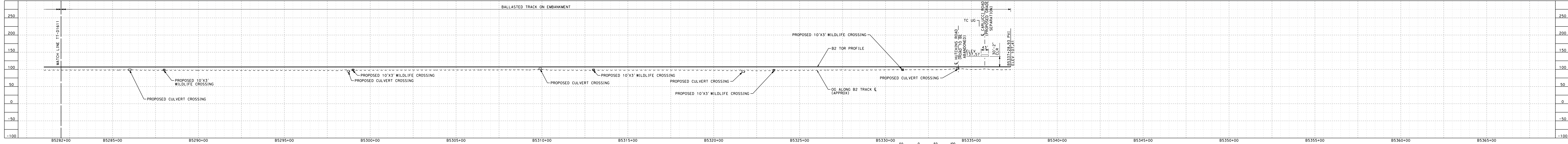
**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 56 OF 253**

RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B5193+00 TO B5282+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1611 SCALE: AS SHOWN SHEET NO.
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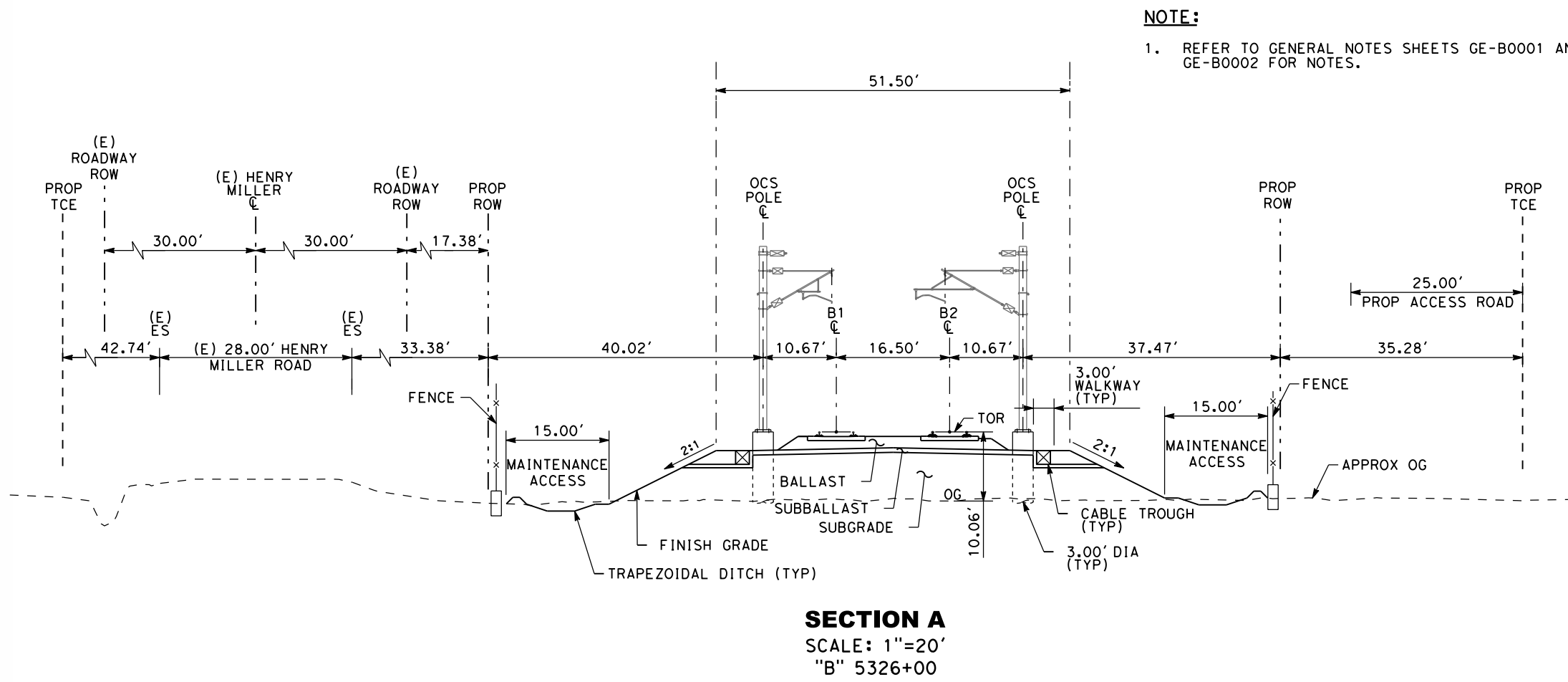
MERCED COUNTY



PLAN
SCALE: 1"=200'
1"=200' HOR



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT



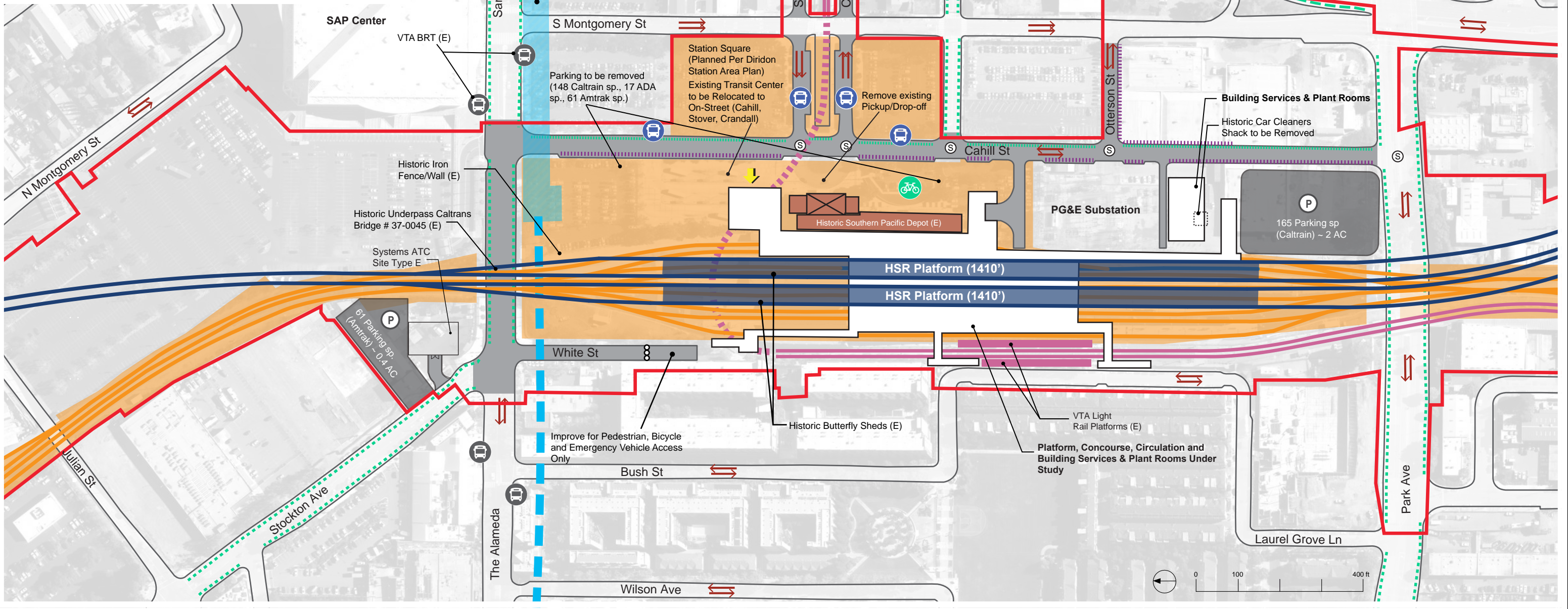
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"B" 5326+00

NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 57 OF 253

RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B5282+00 TO B5337+28.93	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1612 SCALE AS SHOWN SHEET NO.
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- LEGEND**
- Environmental Footprint
 - New Station Facilities
 - HSR Tracks and Platform (Viaduct)
 - Caltrain/ACE/Amtrak Tracks & Platforms (At Grade)
 - JPB ROW
 - VTA Light Rail Tracks (At Grade)
 - VTA Light Rail Tracks (Below Grade)
 - BART (Planned)
 - Historic Station
 - Vehicular Road (Proposed)
 - P Proposed Surface Parking Facility, Total Parking Provided Includes Access Roads, Sidewalks, Landscaping = 226 spaces (~2 AC)
Amtrak: 61 sp.**
Caltrain: 165 sp.**
**Replacement Parking
 - ↔ Street Directional Arrows
 - ➔ Station Entrance
 - Pickup / Drop-off Area
 - Class I Bike Trail (Existing)
 - Class I Bike Trail (Proposed by Others)
 - Class I Bike Trail (Proposed by HSR)
 - Class II Bike Lane (Existing)
 - Class III Bike Route (Proposed by Others)
 - ⊙ Bike Parking (Proposed)
 - B Bus Stop (Existing)
 - B Bus Stop (12-15 Proposed)
 - S New Signalized Intersection
 - (E) Existing
 - (P) Proposed
 - Bollards



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
DRAWN BY
CHECKED BY
IN CHARGE
DATE

**RECORD PEPP
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MAY 3, 2019
**NOT FOR
CONSTRUCTION**

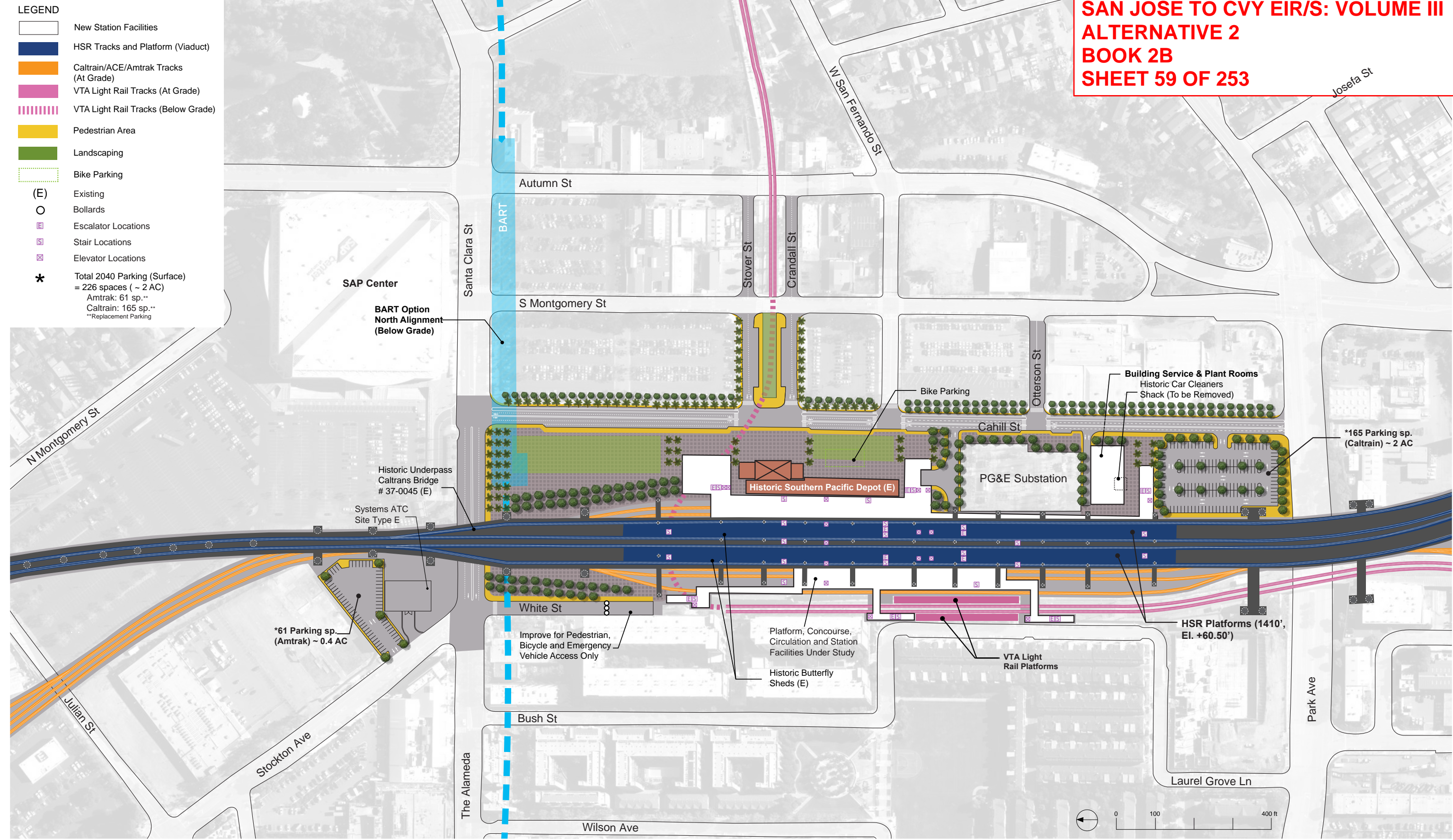
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1111 Broadway
9th Floor
Oakland, CA 94607



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOSE DIRIDON STATION APPROACH
VIADUCT TO I-880
SAN JOSE DIRIDON STATION
GENERAL SITE PLAN

CONTRACT NO.
HSR15-34
DRAWING NO.
AR-C0101
SCALE
AS SHOWN
SHEET NO.

- LEGEND**
- New Station Facilities
 - HSR Tracks and Platform (Viaduct)
 - Caltrain/ACE/Amtrak Tracks (At Grade)
 - VTA Light Rail Tracks (At Grade)
 - VTA Light Rail Tracks (Below Grade)
 - Pedestrian Area
 - Landscaping
 - Bike Parking
 - (E) Existing
 - Bollards
 - Escalator Locations
 - Stair Locations
 - Elevator Locations
 - * Total 2040 Parking (Surface)
= 226 spaces (~ 2 AC)
Amtrak: 61 sp.-
Caltrain: 165 sp.-
**Replacement Parking



REV	DATE	BY	CHK	APP	DESCRIPTION

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IN CHARGE	
DATE	

**RECORD PEPP
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MAY 3, 2019

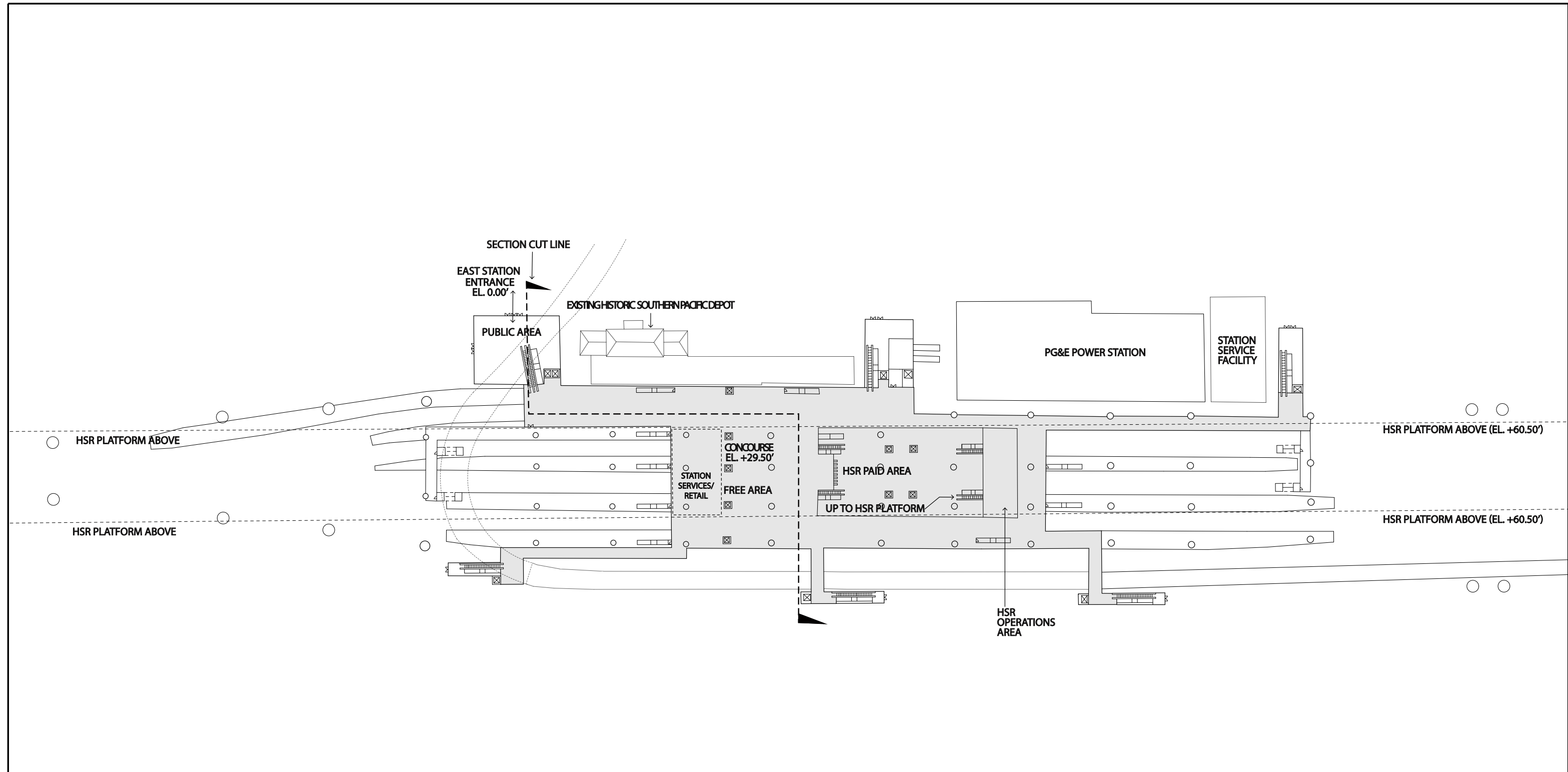
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Oakland, CA 94607

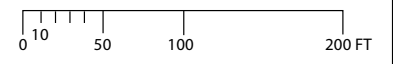


CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOSE DIRIDON STATION APPROACH
VIADUCT TO I-880
SAN JOSE DIRIDON STATION
DETAILED SITE PLAN

CONTRACT NO.	HSR15-34
DRAWING NO.	AR-C0102
SCALE	AS SHOWN
SHEET NO.	



SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 60 OF 253



REV	D-TE	BY	CHK	-PP	DESCRIPTION

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RECORD P&D
SUBMITTAL

MAY 3, 2019

NOT FOR
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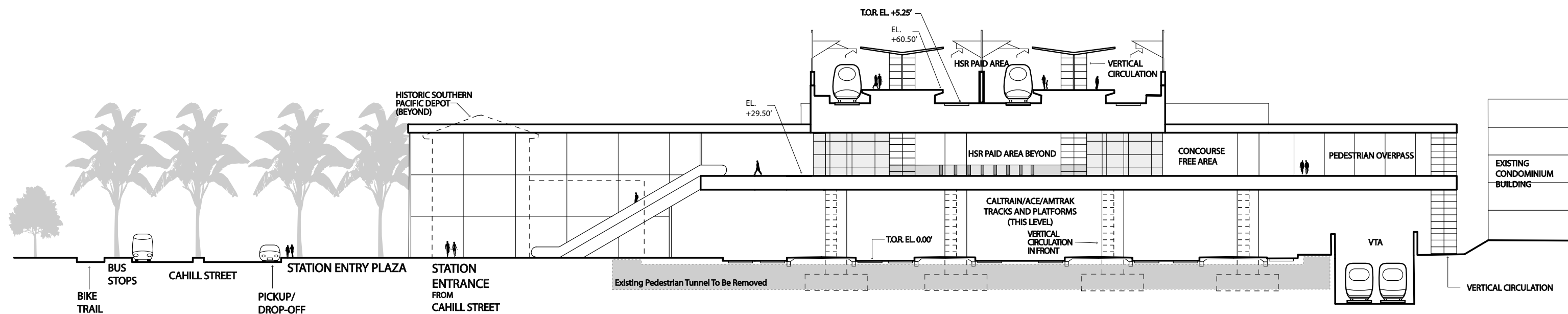
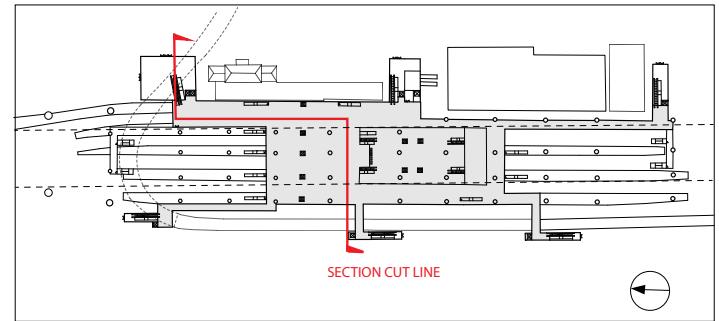
1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA

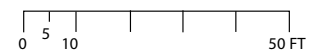
High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOSE DIRIDON STATION APPROACH
 VIADUCT TO I-880
 SAN JOSE DIRIDON STATION
 CONCOURSE PLAN

CONTRACT NO.	HSR15-34
DRAWING NO.	AR-F0101
SCALE	AS SHOWN
SHEET NO.	



SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 61 OF 253



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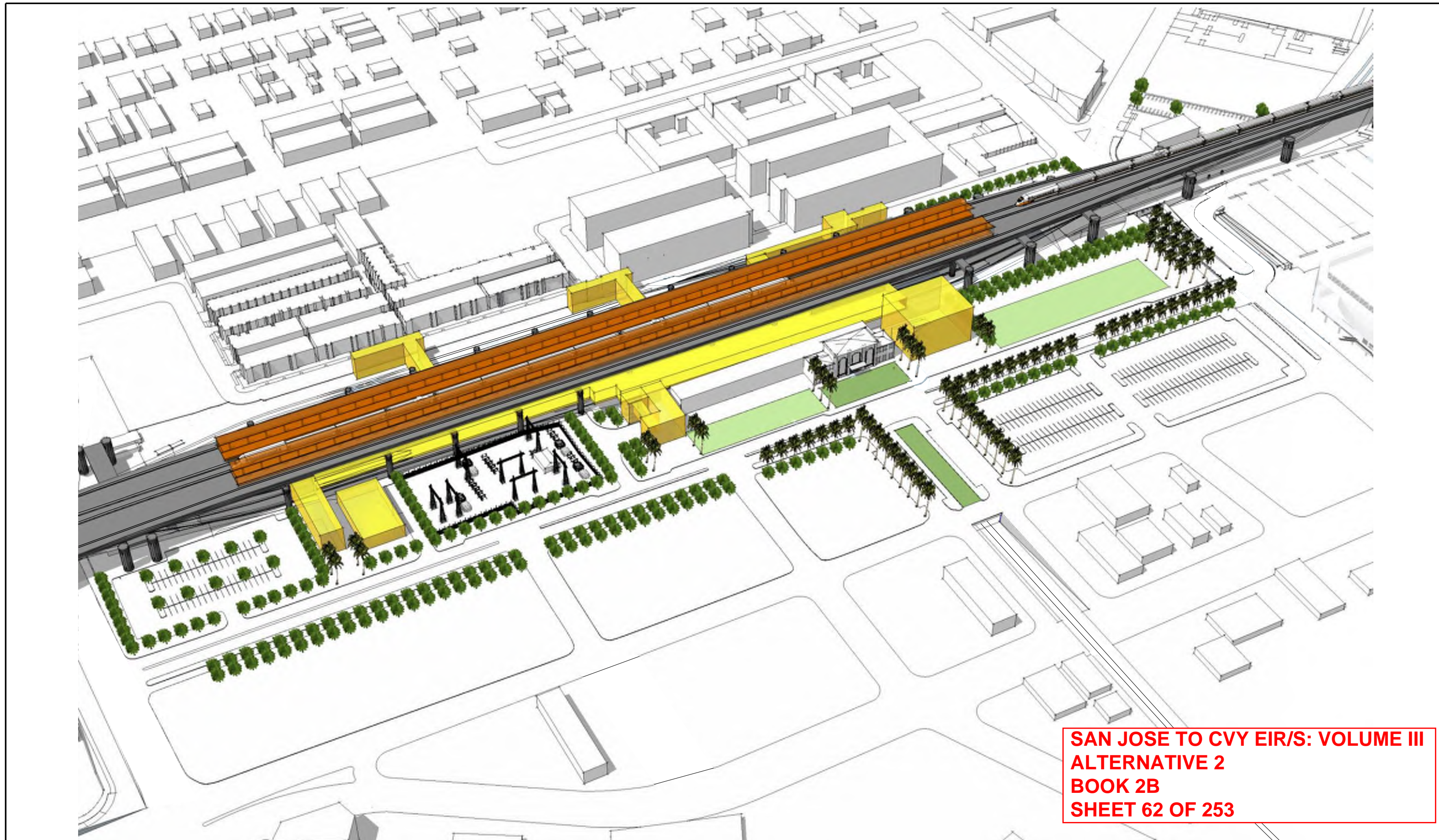
RECORD P&E-D
SUBMITTAL
MAY 3, 2019
NOT FOR
CONSTRUCTION

HNTB
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOSE DIRIDON STATION APPROACH
 VIADUCT TO I-880
 SAN JOSE DIRIDON STATION
 SECTION

CONTRACT NO.	HSR15-34
DRAWING NO.	AR-Y0101
SCALE	AS SHOWN
SHEET NO.	



**SAN JOSE TO CVY EIR/S: VOLUME III
 ALTERNATIVE 2
 BOOK 2B
 SHEET 62 OF 253**

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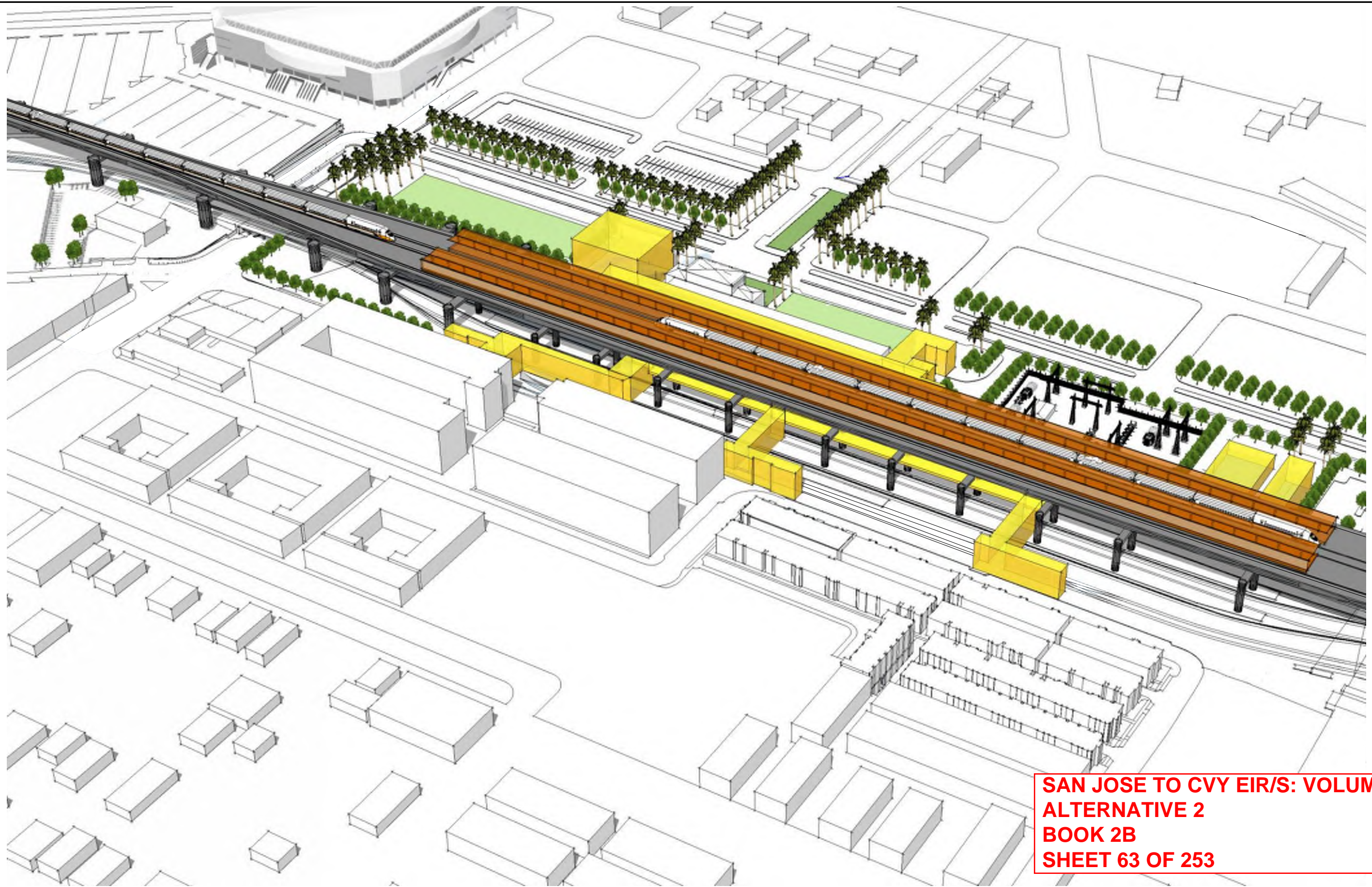
**RECORD P&ID
 SUBMITTAL
 MAY 3, 2019
 NOT FOR
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HNTB 1111 Broadway
 9th Floor
 Oakland, CA 94607



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 SAN JOSE TO MERCED**
 SAN JOSE DIRIDON STATION APPROACH
 VIADUCT TO I-880
 SAN JOSE DIRIDON STATION
 MASSING DIAGRAM 1

CONTRACT NO.
 HSR15-34
 DRAWING NO.
 AR-Y0102
 SCALE
 AS SHOWN
 SHEET NO.



**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 63 OF 253**

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MAY 3, 2019
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1111 Broadway
9th Floor
Oakland, CA 94607



CALIFORNIA
High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
SAN JOSE DIRIDON STATION APPROACH
VIADUCT TO I-880
SAN JOSE DIRIDON STATION
MASSING DIAGRAM 2

CONTRACT NO.
HSR15-34
DRAWING NO.
AR-Y0103
SCALE
AS SHOWN
SHEET NO.



Diridon Station Facility Sizing Table

Projected Daily Ridership (2040) 15,430, based on CHSR Planning Memorandum Station Boardings, Access, Egress and Parking

STATION TYPE: Intermediate, Full-Service, Small: based on Chapter 14 Stations Design Criteria, Table 14-3

	Function Name	Area (SF)	EF	Required Area (SF)	Formula	Chapter 14: Stations	Comments
Concourse Public Free Areas	Station Concourse (Free Area - Main Hall)	35,984	1.2	29,987	P15 x 30 SF /person 389 x 30	14.3.5.3	P15 = P15 B + P15 A = 389 Using Memorandum dated May 10, 2016, Attachment E Facility Sizing Table Example
	Entrances					14.3.5.2	# TBD, 15 ft width at least one entrance
	Mezzanine						Included with the concourse Area
	Passenger Waiting Area	11,275	1.2	9,396	((P15B x 1.1)+(P15Ax0.1)) x 14 SF	14.3.5.3.B.C Table 14-3	California HSTP Design Criteria, Chapter 14-Stations, March 2016, Rev. 2, Table 14-1 Passenger Ridership Assumptions, Table 14-3 Concourse Circulation and Waiting Areas
	Ticket Vending Machines (TVM)	188	1.2	6	P60B/280, 1765/280	Table 14-5	Includes queuing space
	Baggage Storage (Concessionaire)	TBD					TBD
	Retail (Concessionaire)	10,800	1.2	9,000		Table 14-7	More than 15,000 daily boardings
	Restaurant (Concessionaire)	0				Table 14-7	Included in the 9,000 SF
	Food Service (Concessionaire)	0				Table 14-7	Included in the 9,000 SF
	Business Lounge	720	1.2	600		14.3.5.7.C	Without restrooms
	Public Restrooms	2,448	1.2	2040	CBC 2016, CPC 2016 (P15B + P15A)/2	14.3.5.4	A-3 assembly occupancy, 502 male, 502 female, 2 unisex Female: 7 water closets, 5 lavatories Male: 3 water closets, 4 urinal, 5 lavatories 2 drinking fountains
	Janitor Closets	288	1.2	240	60 x 4	14.3.7.1.D	Located in concourse free area, platform, and each restroom.
Standard Areas	Ticket Window Counters	879	2	150	Window Counter 5F min. 75 SF/window (2 windows) P60B/600, 1,765/600	14.3.5.6.B 14.3.5.7A	
	Station Patron Information Booth	100	1	100	Standard Unit (Kiosk)	14.3.5.7.B	
	Red "Cap" Booth						TBD
Security	Police Office	1,000	2	500		14.3.6.2.A	
	Police Restrooms + Lockers			TBD	CBC 2016, CPC 2016		
	Janitor Closets	120	2	60		14.3.7.1.D	
	Security Guard Office	288	2	144		14.3.6.2.B	

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 65 OF 253**

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Diridon Station Facility Sizing Table

Projected Daily Ridership (2040) 15,430, based on CHSR Planning Memorandum Station Boardings, Access, Egress and Parking

STATION TYPE: Intermediate, Full-Service, Small: based on Chapter 14 Stations Design Criteria, Table 14-3

	Function Name	Area (SF)	EF	Required Area (SF)	Formula	Chapter 14: Stations	Comments
Non-Public Station Staff Only	Ticket Administration, Handling & Storage	520	2	260		14.3.5.6.B 14.3.5.7 14.3.6.2.C-D	Ticket Administration Office 75 SF /window
	Lost & Found & First Aid Room	400	2	200	100 SF x (2)	14.3.6.1.E-F	
	Station Control Room (SCR)	2,200	2	1,100		14.3.6.2.E	
	Main Station Computer Room	1,000	2	500		14.3.6.2.F	
	Temporary Incident Command Post (CP)	600	2	300		14.3.6.2.G	
	Station Operation Room (SOR)	2,200	2	1,100		14.3.6.2.H	
	SOR Dedicated Computer Room, SOR Workroom	1,000	2	500		14.3.6.2.F-H	
	Main OCC Computer Room	1,000	2	500		14.6.3.2.F	
	Staff Lockers, Showers, Restrooms	TBD	2		CBC 2016	14.3.6.1.I	Will need number of staff projection to determine SF required.
	Janitor Closets	120	2	60		14.3.7.1.C	
	Staff Breakroom & Meeting Rooms	800	2	400	200 SF x (2)	14.3.6.1.G-H	200 SF min or as req to provide 25 SF /staff
	Station Manager Office	288	2	144		14.3.6.1.A	
	Facility Manager's Office	288	2	144		14.3.6.1.C	
	Administration Office Space	600	2	300		14.3.6.1.B	
	Facilities Maintenance Office	660	2	330		14.3.6.1.C	
	Station General Storage Rooms	400	2	200		14.3.7.1.E	Add 60 SF for miscellaneous storage if required.
	Platform Area Op. Mgt. Booth	100	1	100	Standard Unit	14.3.6.2.I	One OMB to be provided on each platform.
	Train Control /Communications Room	3,830	2	1,915		14.3.7.2	Table 14-8, for the train control and communications equipment.
	Entrance Facility Room	480	2	240		14.3.7.2	Table 14-8, for entry of service cabling into the building. May be co-located with the TCC room.
	3rd Party Telecom Room	240	2	120		14.3.7.2	Table 14-8, for local telephone company.
Communications Closets	260	2	130	130 SF each	14.3.7.2	Table 14-8, number TBD. Locate close to center of each 10,000 SF of station floor area.	
Renewable Energy/Stormwater			TBD				
Building Services & Plant Rooms	Mech., Elec. & Plumbing Rooms			TBD	Gross Factor	14.3.7.2	
	Battery Room	800	2	400	200 SF x (2)	14.3.7.4.B	Two rooms required, including one room at each end of station for low voltage (LV) batteries.
	UPS Room	3,600	2	1,800	900 SF x (2)	14.3.7.4.C	Two rooms required, one at each end of station for LV distribution, transforming, EP
	Fire Detection & Protection Rooms			TBD	Gross Factor	14.3.7.6	
Maint. Support Areas	Main Station Recycling/Refuse	300	2	150	150 SF min.	14.3.7.1.A	
	Secondary Station Recycling	120	2	60		14.3.7.1.C	
	Landscape Maintenance Room	200	2	100		14.3.7.1.F	
	Loading Dock			TBD		14.3.7.1.H	
TOTAL AREA - WEST ENTRANCE & CONCOURSE:		86,096		SF			

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 66 OF 253**

REV	D-TE	BY	CHK	-PP	DESCRIPTION

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOSE DIRIDON STATION APPROACH
VIADUCT TO I-880
SAN JOSE DIRIDON STATION
FACILITY SIZING TABLE

CONTRACT NO.	HSR15-34
DRAWING NO.	AR-Y0106
SCALE	AS SHOWN
SHEET NO.	

Diridon Station Facility Sizing Table

Projected Daily Ridership (2040) 15,430, based on CHSR Planning Memorandum Station Boardings, Access, Egress and Parking

STATION TYPE: Intermediate, Full-Service, Small: based on Chapter 14 Stations Design Criteria, Table 14-3

	Function Name	Area (SF)	EF	Required Area (SF)	Formula	Chapter 14: Stations	Comments
Concourse Public Free Areas West Station	Concourse (Free Area)	8,996.09	1.2	7,497	P15 x 30 SF /person, 251x30	14.3.5.3	P15 = P15 B + P15 A. Using Memorandum dated May 10, 2016, Attachment E Facility Sizing Table Example 20% - 25% of the P15 of the Main Station North Entrance, about 97 passengers.
	Entrances					14.3.5.2	# TBD, 15 ft width at least one entrance
	Passenger Waiting Area	2,818.77	1.2	2349	(((P15B x1.1) + (P15Ax0.1))x25%) x 14 SF	14.3.5.3.B.C Table 14-3	California HSTP Design Criteria, Chapter 14-Stations, March 2016, Rev. 2 and October 2015, Working Draft, Rev. 2 Table 14-1 Passenger Ridership Assumptions, Table 14-3 Concourse Circulation and Waiting Areas 20% - 25% of 15B (Main Station) = 56; 20% - 25% of 15A (Main Station)
	Ticket Vending Machines (TVM)	82.00		2	P60B/280, 683x25%/280	Table 14-5	Includes queuing space; 20% -25% of P60 B (Main Station) 170
	Public Restrooms	1,224.00	1.2	1020	CBC 2016, CPC 2016 (P15B + P15A)/2	14.3.5.4	A-3 assembly occupancy, 250 male, 250 female, 2 unisex Female: 4 water closets, 2 lavatories Male: 2 water closets, 2 urinal, 2 lavatories 2 drinking fountains
	Janitor Closet	72	1.2	60		14.3.7.1.D	

TOTAL AREA - EAST ENTRANCE: 13,193 SF

	Platform Area (800'x30')x2	48,000					
	Bus Bays						Included in Cahill transit street improvement
	Parking Area						No parking for HSR provided
	Pickup and Drop-off						Included in Cahill transit street improvement

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 67 OF 253**

REV	D-TE	BY	CHK	-PP	DESCRIPTION

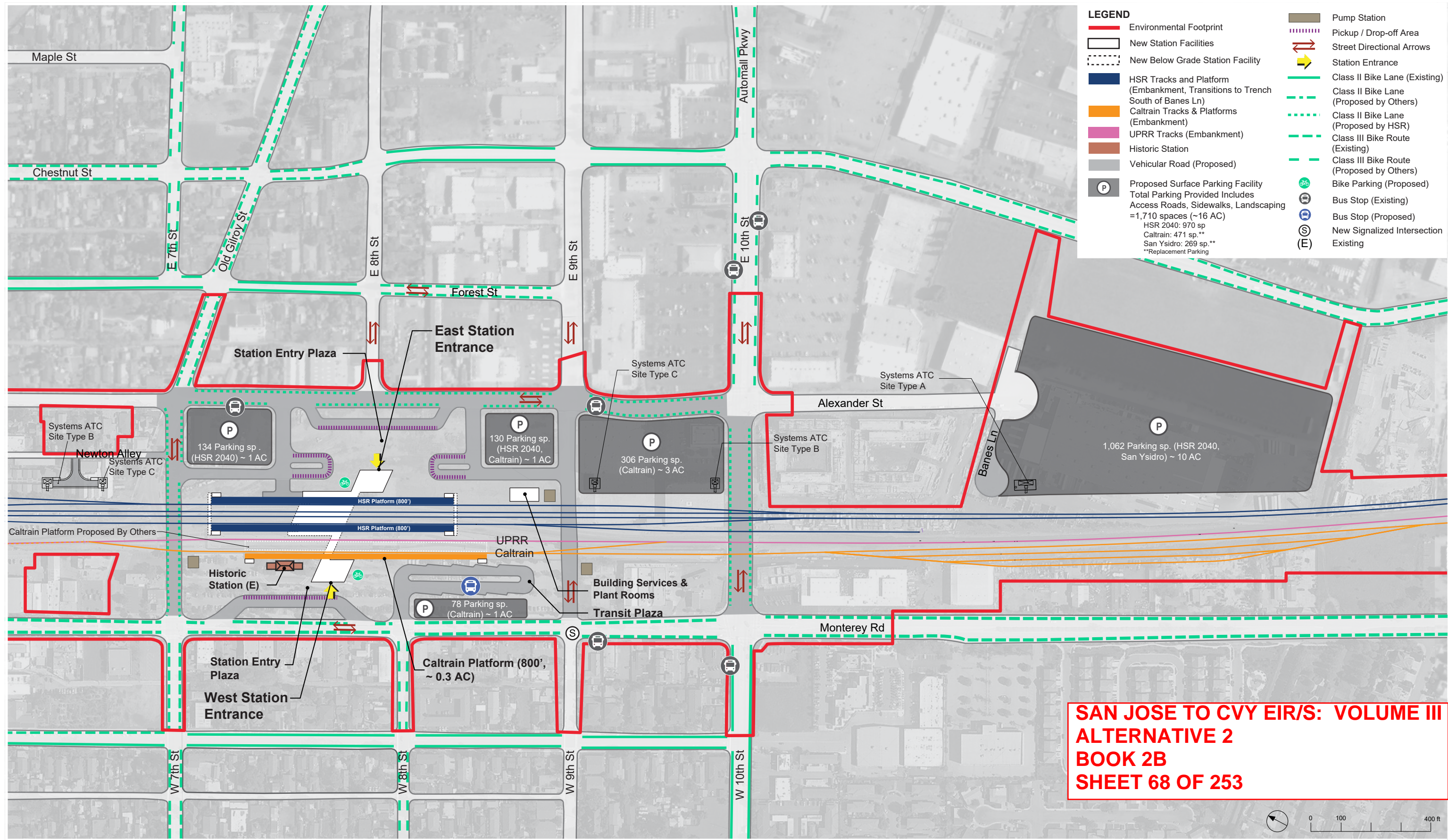
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
SAN JOSE DIRIDON STATION APPROACH
VIADUCT TO I-880
SAN JOSE DIRIDON STATION
FACILITY SIZING TABLE

CONTRACT NO. HSR15-34
DRAWING NO. AR-Y0107
SCALE AS SHOWN
SHEET NO.



**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 68 OF 253**

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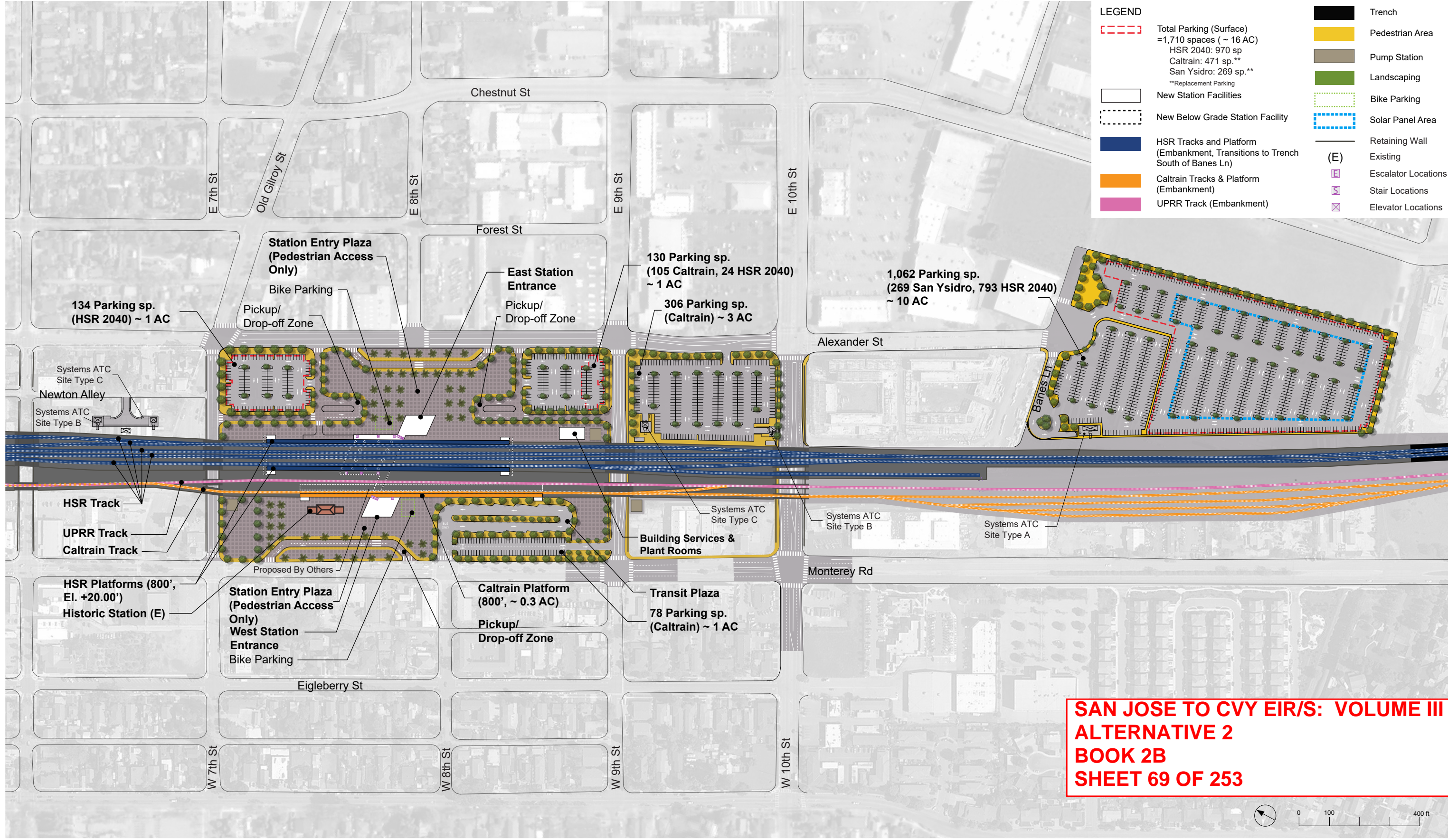
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9th Floor
Oakland, CA 94607



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
DOWNTOWN GILROY STATION
GENERAL SITE PLAN

CONTRACT NO.
HSR15-34
DRAWING NO.
AR-C1001
SCALE
AS SHOWN
SHEET NO.



LEGEND

- Total Parking (Surface) =1,710 spaces (~ 16 AC)
 HSR 2040: 970 sp
 Caltrain: 471 sp.**
 San Ysidro: 269 sp.**
 **Replacement Parking
- New Station Facilities
- New Below Grade Station Facility
- HSR Tracks and Platform (Embankment, Transitions to Trench South of Banes Ln)
- Caltrain Tracks & Platform (Embankment)
- UPRR Track (Embankment)
- Trench
- Pedestrian Area
- Pump Station
- Landscaping
- Bike Parking
- Solar Panel Area
- Retaining Wall
- (E) Existing
- E Escalator Locations
- S Stair Locations
- X Elevator Locations

SAN JOSE TO CVY EIR/S: VOLUME III
 ALTERNATIVE 2
 BOOK 2B
 SHEET 69 OF 253



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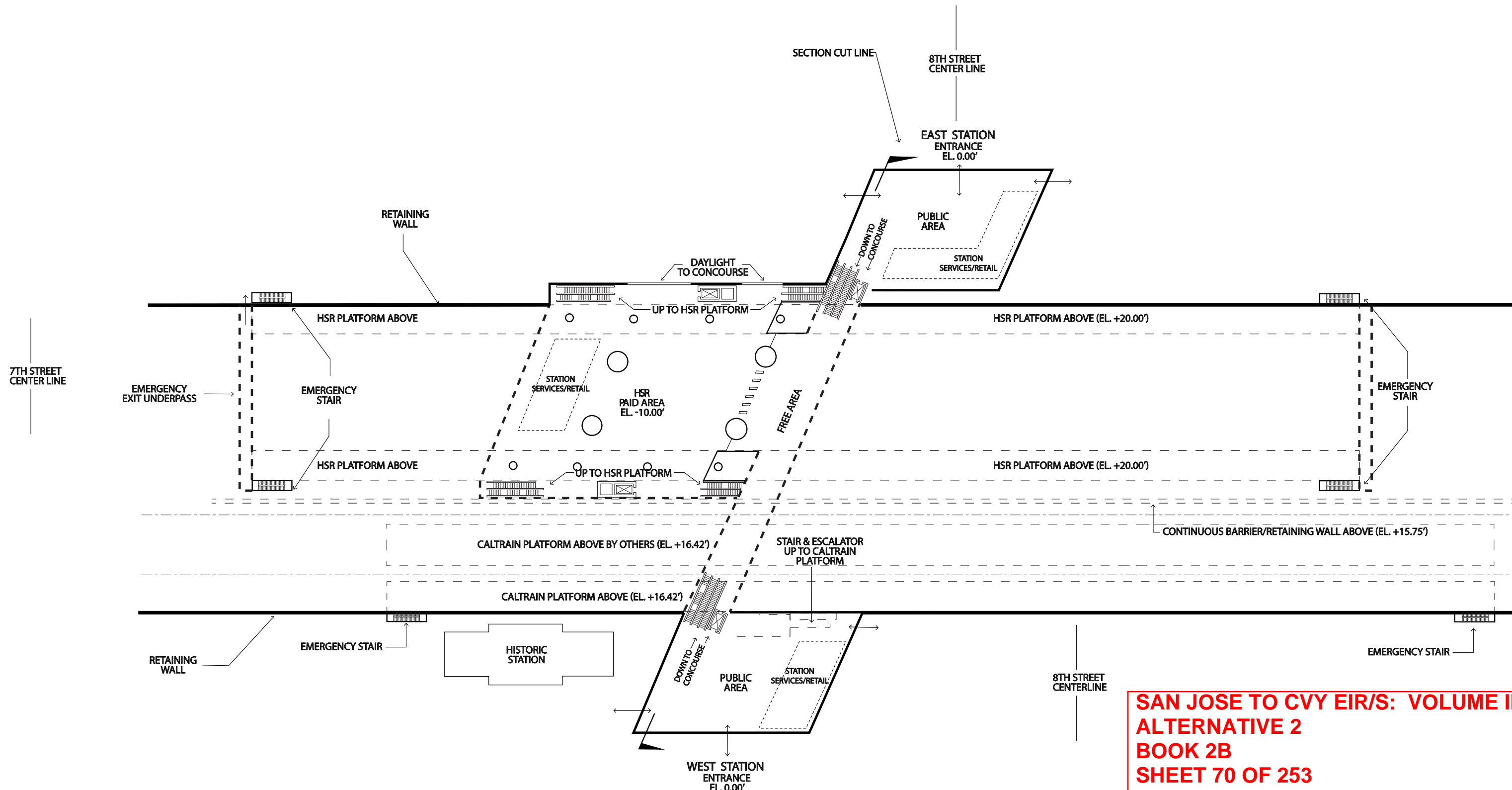
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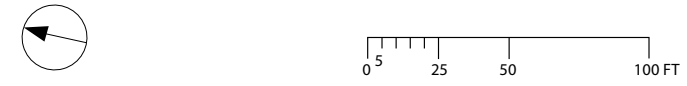


CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 MORGAN HILL AND GILROY
 EMBANKMENT TO DOWNTOWN GILROY
 DOWNTOWN GILROY STATION
 DETAILED SITE PLAN

CONTRACT NO.	HSR15-34
DRAWING NO.	AR-C1002
SCALE	AS SHOWN
SHEET NO.	



**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 70 OF 253**



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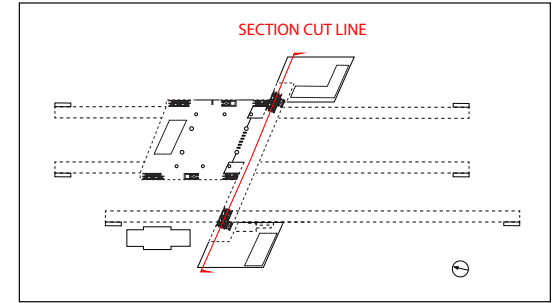
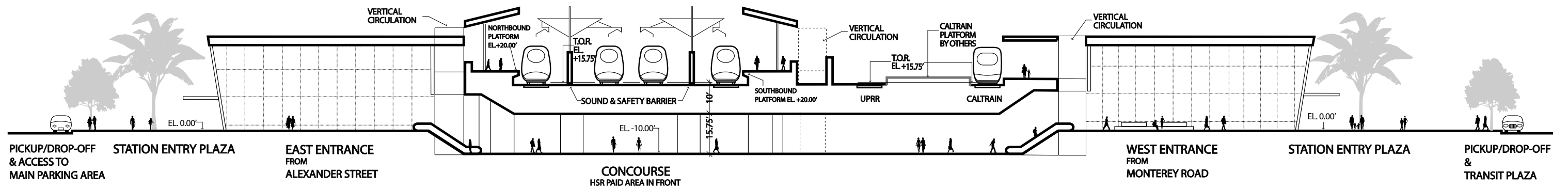
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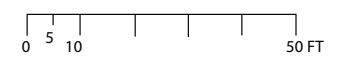


CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
DOWNTOWN GILROY STATION
CONCOURSE PLAN

CONTRACT NO.
HSR15-34
DRAWING NO.
AR-F1001
SCALE
AS SHOWN
SHEET NO.



**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 71 OF 253**



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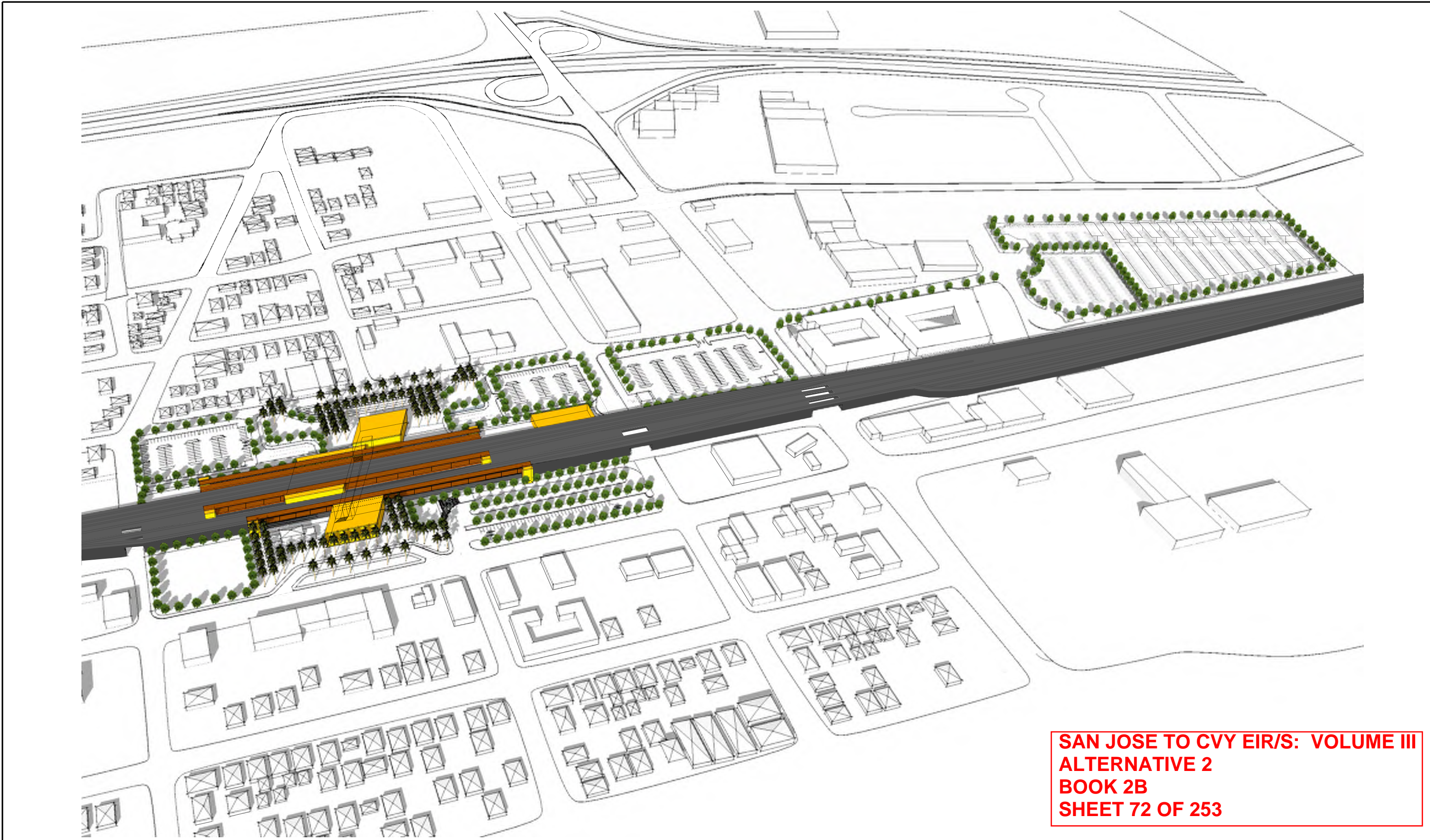
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
DOWNTOWN GILROY STATION
SECTION

CONTRACT NO.	HSR15-34
DRAWING NO.	AR-Y1001
SCALE	AS SHOWN
SHEET NO.	



**SAN JOSE TO CVY EIR/S: VOLUME III
 ALTERNATIVE 2
 BOOK 2B
 SHEET 72 OF 253**

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MAY 3, 2019

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1111 Broadway
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CALIFORNIA
 High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 MORGAN HILL AND GILROY
 EMBANKMENT TO DOWNTOWN GILROY
 DOWNTOWN GILROY STATION
 MASSING DIAGRAM 1

CONTRACT NO.
 HSR15-34
 DRAWING NO.
 AR-Y1002
 SCALE
 AS SHOWN
 SHEET NO.



**SAN JOSE TO CVY EIR/S: VOLUME III
 ALTERNATIVE 2
 BOOK 2B
 SHEET 73 OF 253**

REV	D-TE	BY	CHK	-PP	DESCRIPTION

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 MORGAN HILL AND GILROY
 EMBANKMENT TO DOWNTOWN GILROY
 DOWNTOWN GILROY STATION
 MASSING DIAGRAM 2

CONTRACT NO.
 HSR15-34
 DRAWING NO.
 AR-Y1003
 SCALE
 AS SHOWN
 SHEET NO.

Downtown Gilroy Station - Embankment Programming & Area Requirements Table				
Category	Description	Formula	Requirement Area / Unit	Comments
Daily Peak Ridership Boardings 2040	Long Distance	6,210	6,210	Planning Memorandum Station Boardings, Access, Egress and Parking INST-PLAN-05
P360B	Highest Daily Boardings x Conversion Factor for Boardings = 6 Hour Boardings	Highest Daily Boardings x 0.67=P360B 6,000 x 0.67	4,161	California HSTP Design Criteria, Chapter 14-Stations, Oct 2015, Working Draft, Rev. 2 Table 14-1 Passenger Ridership Assumptions Table 14-3 Concourse Circulation and Waiting Areas
P360A	Peak 6 Hour Boardings x Conversion Factor for Alightings = 6 Hour Alightings	P360B x 0.75=P360A 4,020 x 0.75	3,121	
P60B	Peak 6 Hour Boardings x Peak Hour Conversion Factor for Boardings = Peak Hour Boardings	P360B x 0.17=P60B 4,020 X 0.17	707	
P60A	Peak Hour Boardings x Peak Hour Conversion Factor for Alightings = Peak Hour Alightings	P60B x 0.75=P60A 683 x 0.75	530	
P30B	Peak Hour Boardings /2 x Surge Factor = Peak 30 Minute Boardings	(P60B /2) x 1.2=P30B (683/2) x 1.2	424	
P30A	Peak 30 Minute Boardings x Conversion Factor = Peak 30 Minute Alightings	P30B x 0.075=P30A 410 x 0.75	318	
P15B	Peak Hour Boardings /4 x Surge Factor = Peak 15 Minute Boardings	(P60B /4) x 1.3=P15B (683 /4) x 1.3	230	
P15A	Peak 15 Minute Boardings x Conversion Factor = Peak 15 Minute Alightings	P15B x 0.75=P15A 222 x 0.75	172	
P5B	Peak Hour Boardings /12 x Surge Factor = Peak 5 Minute Boardings	(P60B /12) x 1.4=P5B (683 /12) x 1.4	83	
P5A	Peak 5 Minute Boardings x Conversion Factor = Peak 5 Minute Alightings	P5B x 0.75=P5A 80 x 0.75	62	
P1B	Peak Hour Boardings /60 x Surge Factor = Peak 1 Minute Boardings	(P60B /60) x 1.5=P1B (863/60) x 1.5	18	
P1A	Peak 1 Minute Boardings x Conversion Factor for Alightings = Peak 1 Minute Alightings	P1Bx0.75 17x0.75	13	
Cf	Unobstructed Net Concourse Free Public Area Circulation Width	(P15B+P15A)/(15x10 people/ft/min) or 16 ft min. (222+167)/(15x10 people/ft/min)	16	
Wf	Net Waiting Area in Concourse Free Public Area	((P15Bx1.1) + (P15Ax0.1))x 14 SF ((222x1.1) + (167x0.1)) x 14	3,782	
Public Restrooms	Women + Men + Unisex Accessible Restroom for Each Group	(P15B+P15A) /2 (222+167) /2	201	
Passenger Amenity Space Allocation	Station Design Target Year Daily Boardings	6,000	6000 SF	California HSTP Design Criteria, Chapter 14 - Stations, March Rev. 2 14.3.5.5 Station Public Amenity (Commercial) Spaces, Table 14-7
Ticket Windows	Station Quantity	P60B/600 683/600	2	
Ticket Vending Machines		P60B/280 683/280	3	14.3.5.6
Value Added Machines	2 Per Each Fare Paid Area		3	14.3.5.6
Fare Gates		P15A /50 ppm 167/50 One additional gate to be provided if under 10	3	14.3.5.6 D
Emergency Gates			2	14.3.3.6
Side Platform Station	Peak Hour Boarding and Fully Occupied Train Alighting	P60B + 900 p	1,607	14.3.6.2
Sr	Seating at Concourse Fare Free Waiting Area	((P15B x 1.1) + (P15A x 0.1)) x 0.25	636	Table 14-22: Station Seating

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 74 OF 253**

					DESIGNED BY	RECORD P&D SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	 1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY DOWNTOWN GILROY STATION FACILITY SIZING TABLE			CONTRACT NO. HSR15-34
					DRAWN BY				DRAWING NO. AR-Y1004			
					CHECKED BY				SCALE AS SHOWN			
					IN CHARGE				SHEET NO.			
					D-TE							
REV	D-TE	BY	CHK	-PP	DESCRIPTION							

Downtown Gilroy Station - Embankment Facility Sizing Table

Projected Daily Ridership (2040) 6,210, based on CHSR Planning Memorandum Station Boardings, Access, Egress and Parking

STATION TYPE: Intermediate, Full-Service, Small: based on Chapter 14 Stations Design Criteria, Table 14-3

	Function Name	Area (SF)	EF	Required Area (SF)	Formula	Chapter 14: Stations	Comments
Concourse Public Free Areas	Station Concourse (Free Area - Main Hall)	14,482	1.2	12,069	P15 x 30 SF/person 389 x 30	14.3.5.3	P15 = P15 B + P15 A = 389 Using Memorandum dated May 10, 2016, Attachment E Facility Sizing Table Example
	Entrances					14.3.5.2	# TBD, 15 ft width at least one entrance
	Mezzanine						Included with the Concourse Area
	Passenger Waiting Area	4,538	1.2	3,782	$((P15B \times 1.1) + (P15A \times 0.1)) \times 14$ SF	14.3.5.3.B.C Table 14-3	California HSTP Design Criteria, Chapter 14-Stations, March 2016, Rev. 2, Table 14-1 Passenger Ridership Assumptions, Table 14-3 Concourse Circulation and Waiting Areas
	Ticket Vending Machines (TVM)	121		3	P60B/280, 683/280	Table 14-5	Includes queuing space
	Baggage Storage (Concessionaire)	TBD					TBD
	Retail (Concessionaire)	7,200	1.2	6,000		Table 14-7	5,000 - 10,000 daily boardings
	Restaurant (Concessionaire)	0				Table 14-7	Included in the 6,000 SF
	Food Service (Concessionaire)	0				Table 14-7	Included in the 6,000 SF
	Business Lounge	720	1.2	600		14.3.5.7.C	Without restrooms
	Public Restrooms	1248	1.2	1040	CBC 2016, CPC 2016 (P15B + P15A)/2	14.3.5.4	A-3 assembly occupancy, 195 male, 195 female, 2 unisex Female: 4 water closets, 2 lavatories Male: 3 water closets, 1 urinal, 2 lavatories 2 Drinking fountains
Janitor Closets	288	1.2	240	60 x 4	14.3.7.1.D	Located in concourse free area, platform, and each restroom.	
Standard Areas	Ticket Window Counters	300	2	150	Window Counter 5F min. 75 SF/window (2 windows) P60B/600, 683/600	14.3.5.6.B 14.3.5.7A	
	Station Patron Information Booth	100	1	100	Standard Unit (Kiosk)	14.3.5.7.B	
	Red "Cap" Booth						TBD
Security	Police Office	1000	2	500		14.3.6.2.A	
	Police Restrooms + Lockers			TBD	CBC 2016, CPC 2016		
	Janitor Closets	120	2	60		14.3.7.1.D	
	Security Guard Office	288	2	144 SF		14.3.6.2.B	

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 75 OF 253**

					DESIGNED BY	RECORD P&D SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	 1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY DOWNTOWN GILROY STATION FACILITY SIZING TABLE			CONTRACT NO. HSR15-34
					DRAWN BY				DRAWING NO. AR-Y1004			
					CHECKED BY				SCALE AS SHOWN			
					IN CHARGE				SHEET NO.			
					D-TE							
REV	D-TE	BY	CHK	-PP	DESCRIPTION							

Downtown Gilroy Station - Embankment Facility Sizing Table

Projected Daily Ridership (2040) 6,210, based on CHSR Planning Memorandum Station Boardings, Access, Egress and Parking

STATION TYPE: Intermediate, Full-Service, Small: based on Chapter 14 Stations Design Criteria, Table 14-3

	Function Name	Area (SF)	EF	Required Area (SF)	Formula	Chapter 14: Stations	Comments
Non-Public Station Staff Only	Ticket Administration, Handling & Storage	520	2	260		14.3.5.6.B 14.3.5.7 14.3.6.2.C-D	Ticket administration office 75 SF /window
	Lost & Found & First Aid Room	400	2	200	100 SF x (2)	14.3.6.1.E-F	
	Station Control Room (SCR)	2200	2	1,100		14.3.6.2.E	
	Main Station Computer Room	1000	2	500		14.3.6.2.F	
	Temporary Incident Command Post (CP)	600	2	300		14.3.6.2.G	
	Station Operation Room (SOR)	2200	2	1,100		14.3.6.2.H	
	SOR Dedicated Computer Room, SOR Workroom	1000	2	500		14.3.6.2.F-H	
	Main OCC Computer Room	1000	2	500		14.6.3.2.F	
	Staff Lockers, Showers, Restrooms	TBD	2		CBC 2016	14.3.6.1.I	Will need number of staff projection to determine SF required.
	Janitor Closets	120	2	60		14.3.7.1.C	
	Staff Breakroom & Meeting Rooms	800	2	400	200 SF x (2)	14.3.6.1.G-H	200 SF min or as req to provide 25 SF /staff.
	Station Manager Office	288	2	144		14.3.6.1.A	
	Facility Manager's Office	288	2	144		14.3.6.1.C	
	Administration Office Space	600	2	300		14.3.6.1.B	
	Facilities Maintenance Office	660	2	330		14.3.6.1.C	
	Station General Storage Rooms	400	2	200		14.3.7.1.E	Add 60 SF for miscellaneous storage if required.
	Platform Area Op. Mgt. Booth	100	1	100	Standard Unit	14.3.6.2.I	One OMB to be provided on each platform.
	Building Services & Plant Rooms	Train Control/Communications Room	3830	2	1,915		14.3.7.2
Entrance Facility Room		480	2	240		14.3.7.2	Table 14-8, for entry of service cabling into the building. May be co-located with the TCC room.
3rd Party Telecom Room		240	2	120		14.3.7.2	Table 14-8, for local telephone company.
Communications Closets		260	2	130	130 SF each	14.3.7.2	Table 14-8, number TBD. Locate close to center of each 10,000 SF of station floor area.
Renewable Energy/Stormwater				TBD			
Mech., Elec. & Plumbing Rooms				TBD	Gross Factor	14.3.7.2	
Battery Room		800	2	400	200 SF x (2)	14.3.7.4.B	Two rooms required, including one room at each end of station for low voltage (LV) batteries.
UPS Room		3600	2	1,800	900 SF x (2)	14.3.7.4.C	Two rooms required, one at each end of station for LV distribution, transforming, EP.
Fire Detection & Protection Rooms				TBD	Gross Factor	14.3.7.6	
Maint. Support Areas		Main Station Recycling/Refuse	300	2	150	150 SF min.	14.3.7.1.A
	Secondary Station Recycling	120	2	60		14.3.7.1.C	
	Landscape Maintenance Room	200	2	100		14.3.7.1.F	
	Loading Dock			TBD		14.3.7.1.H	

TOTAL AREA - EAST ENTRANCE & CONCOURSE: 52,411 SF

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 76 OF 253**

REV	D-TE	BY	CHK	-PP	DESCRIPTION

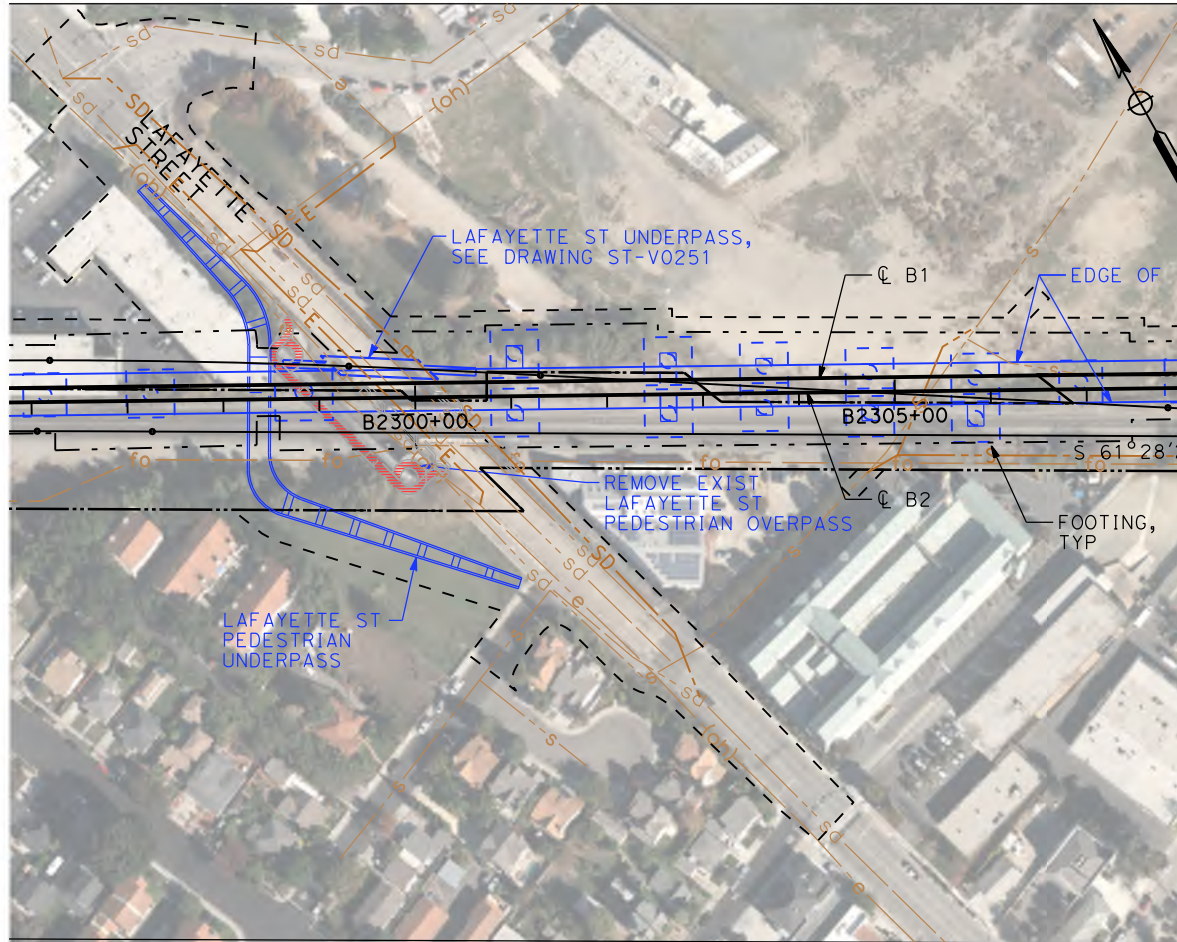
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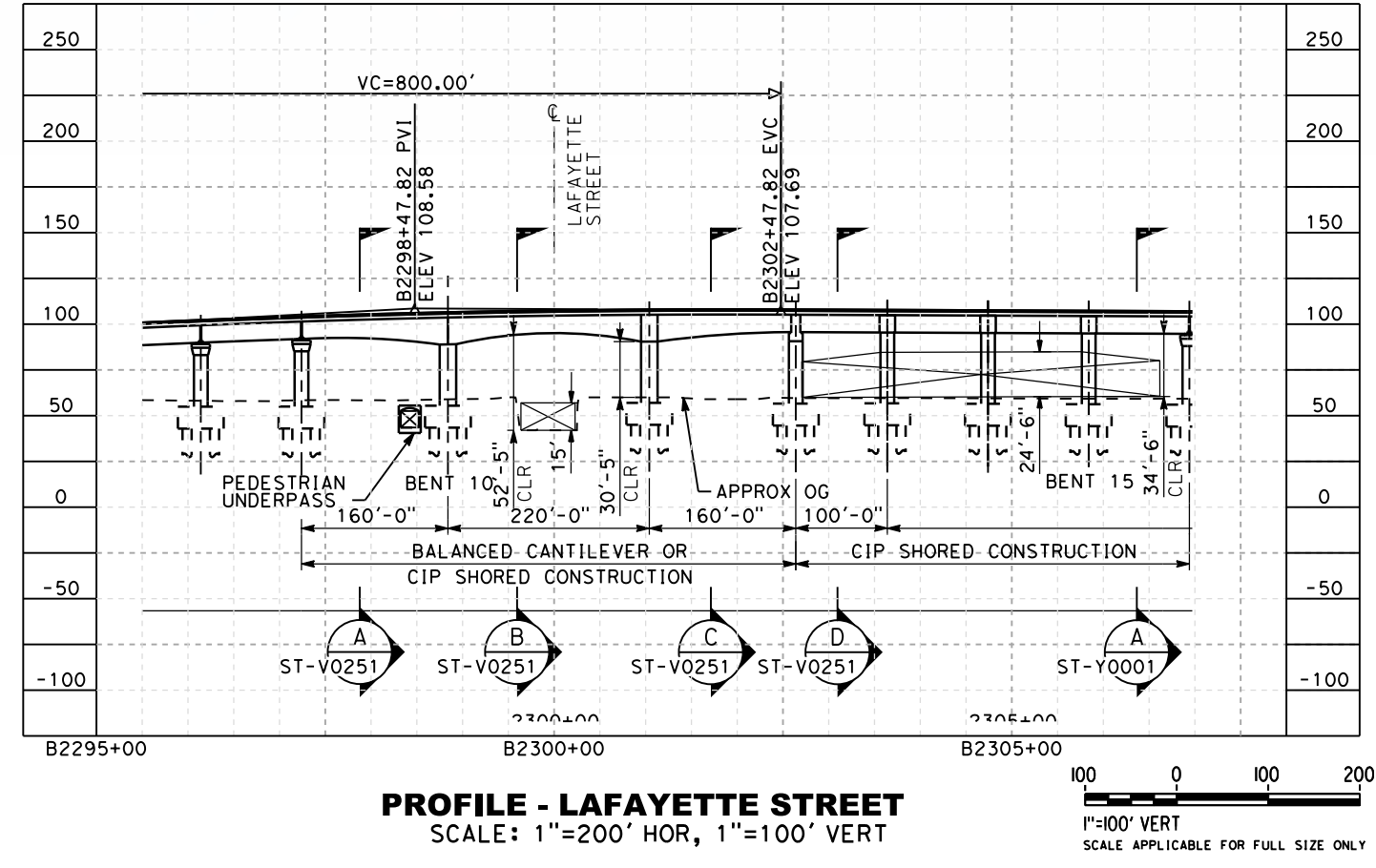


CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
DOWNTOWN GILROY STATION
FACILITY SIZING TABLE

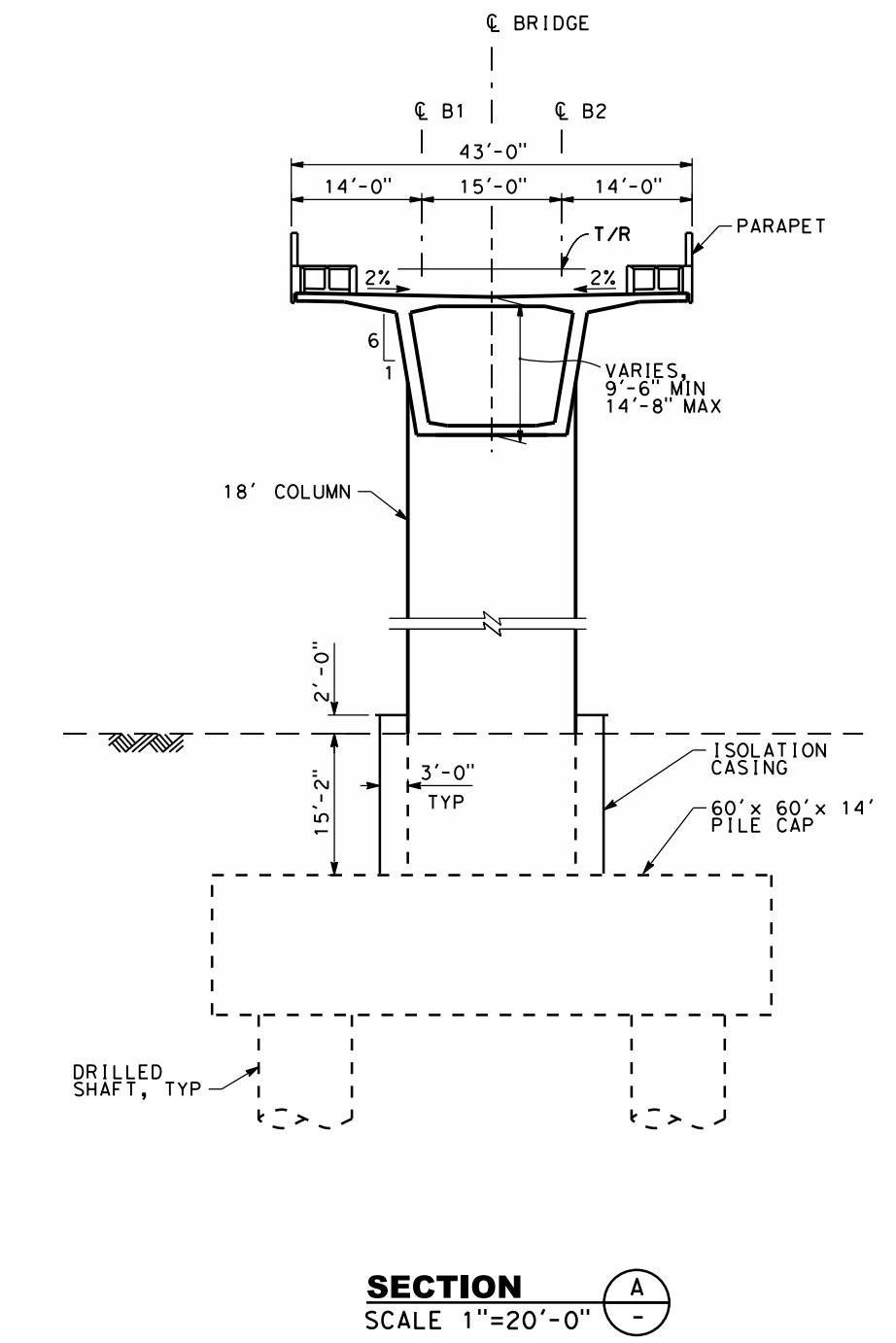
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DRAWING NO.	AR-Y1006
SCALE	AS SHOWN
SHEET NO.	



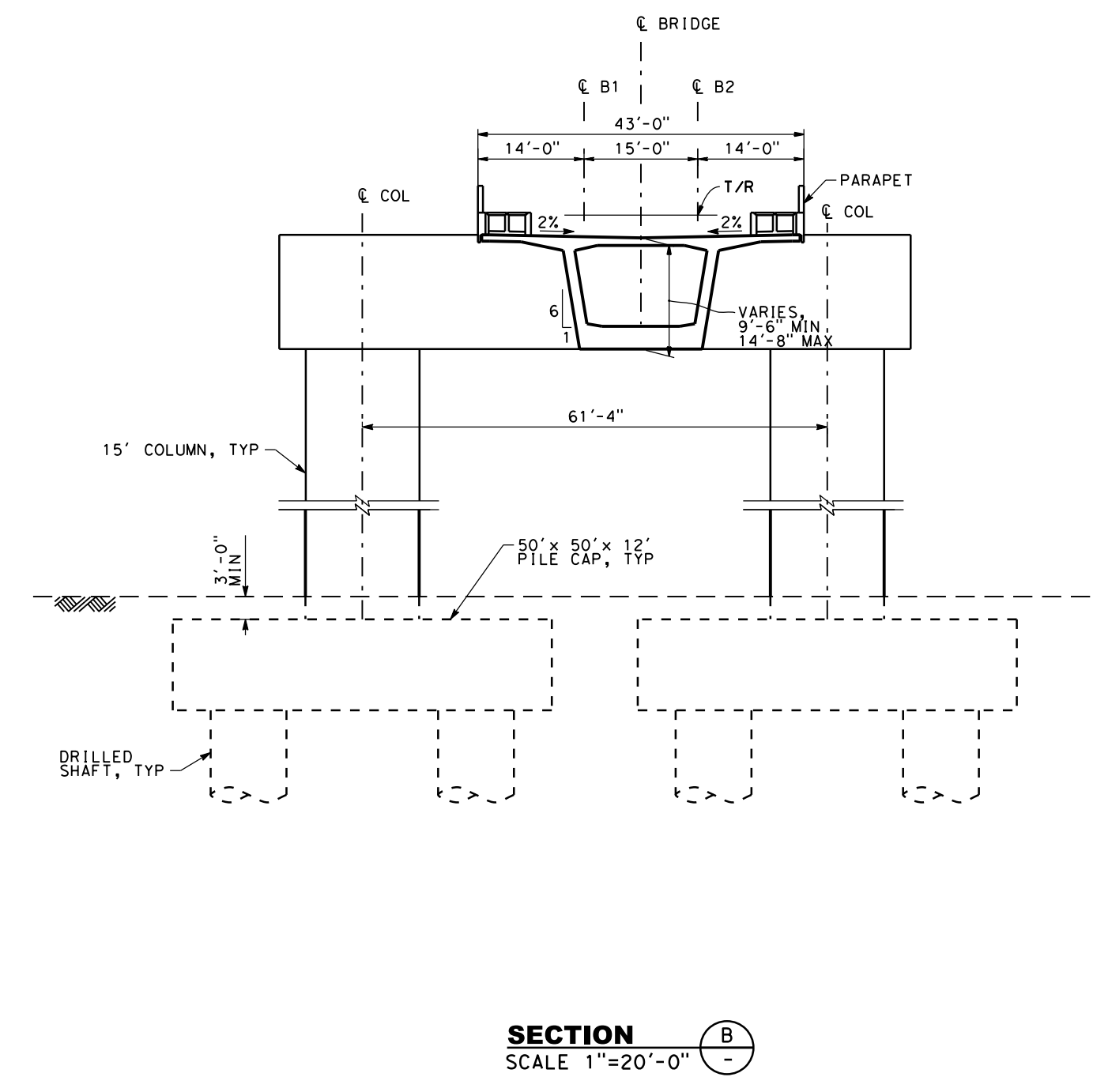
PLAN - LAFAYETTE STREET
SCALE: 1"=200'



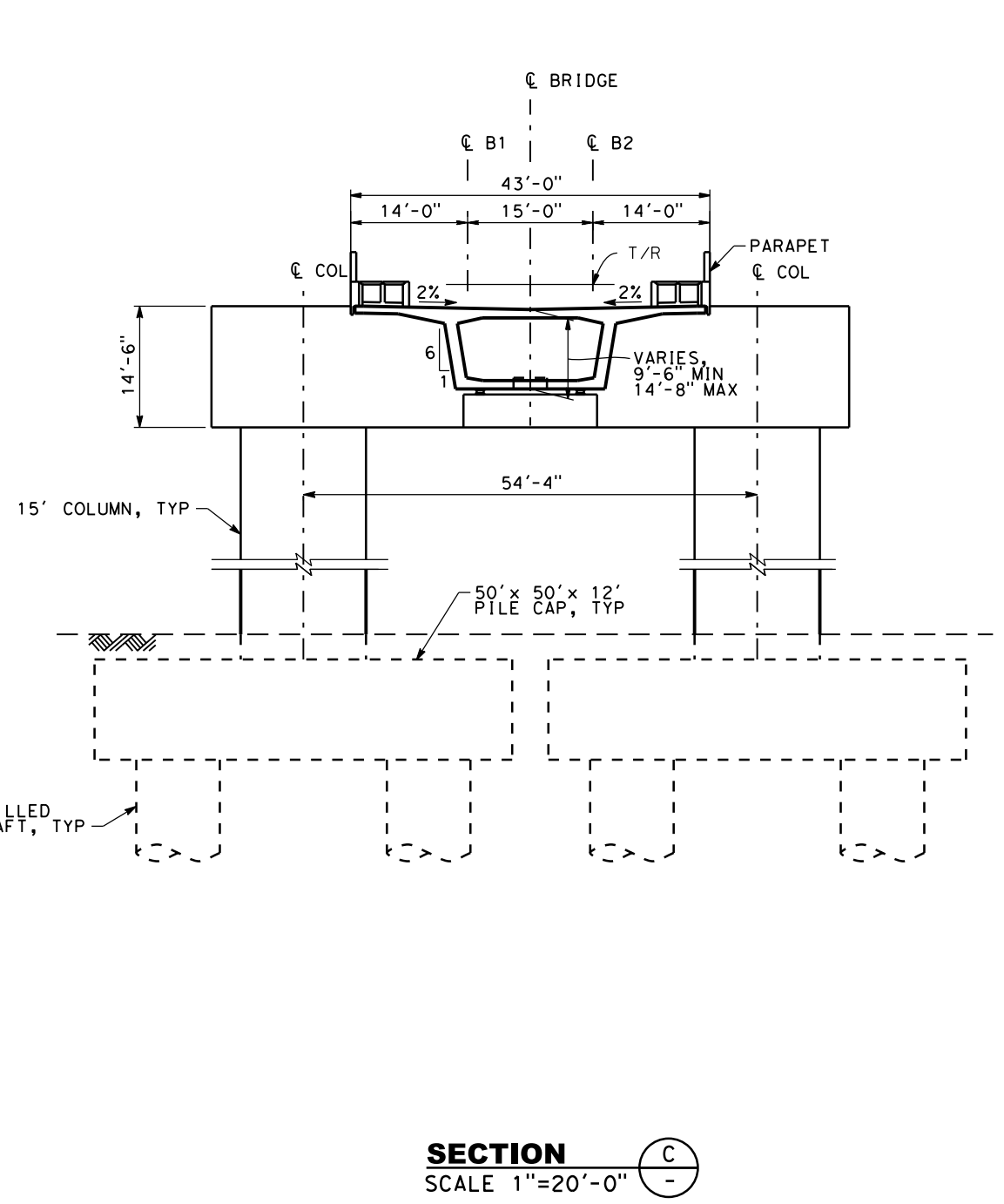
PROFILE - LAFAYETTE STREET
SCALE: 1"=200' HOR, 1"=100' VERT



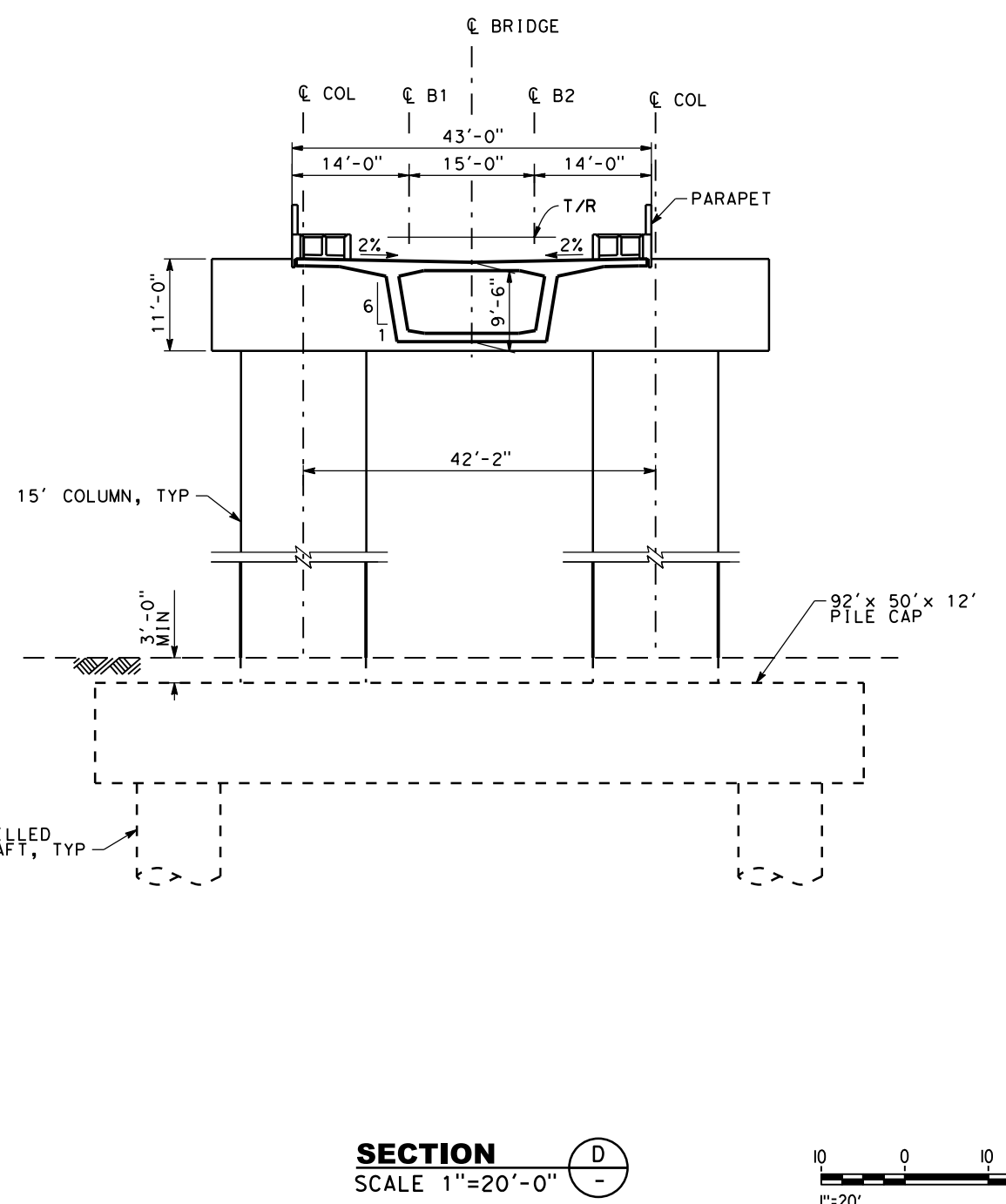
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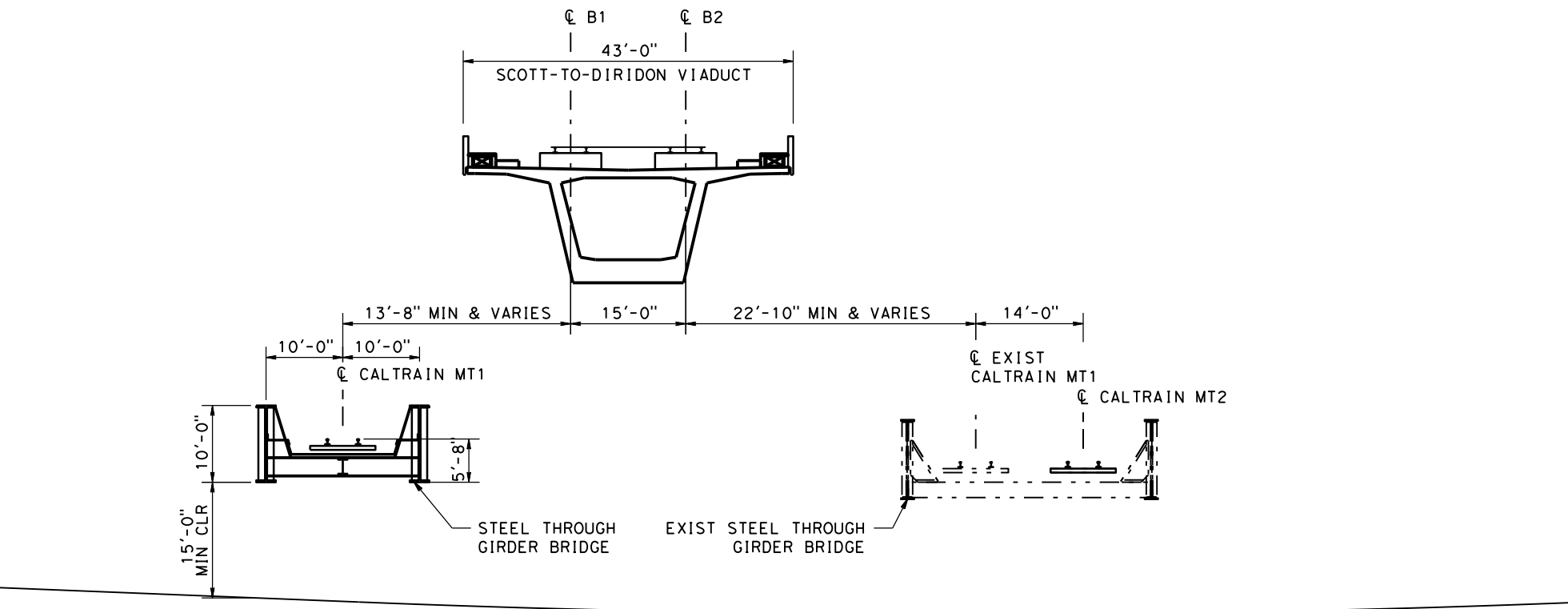
SECTION B
SCALE 1"=20'-0"



SECTION C
SCALE 1"=20'-0"



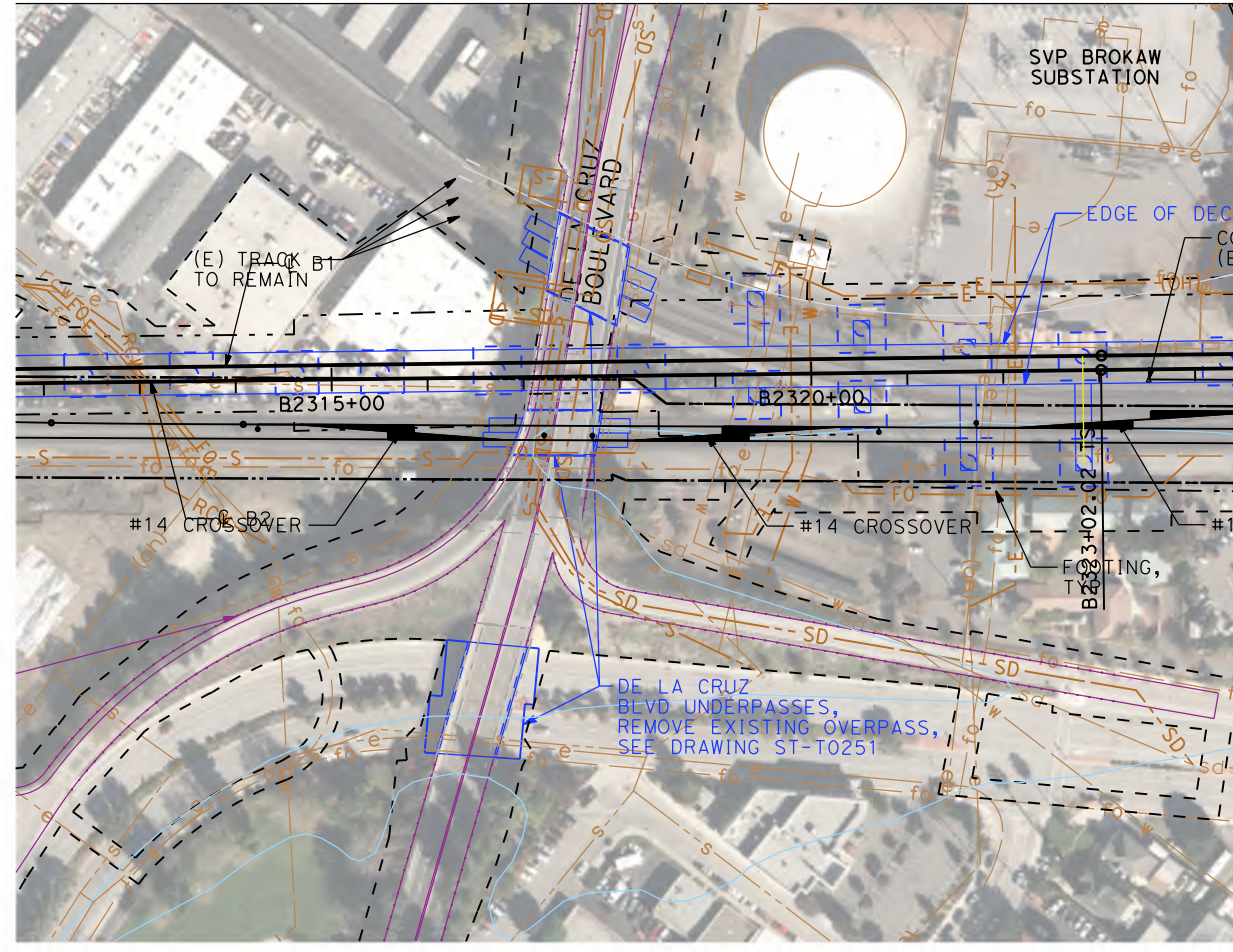
SECTION D
SCALE 1"=20'-0"



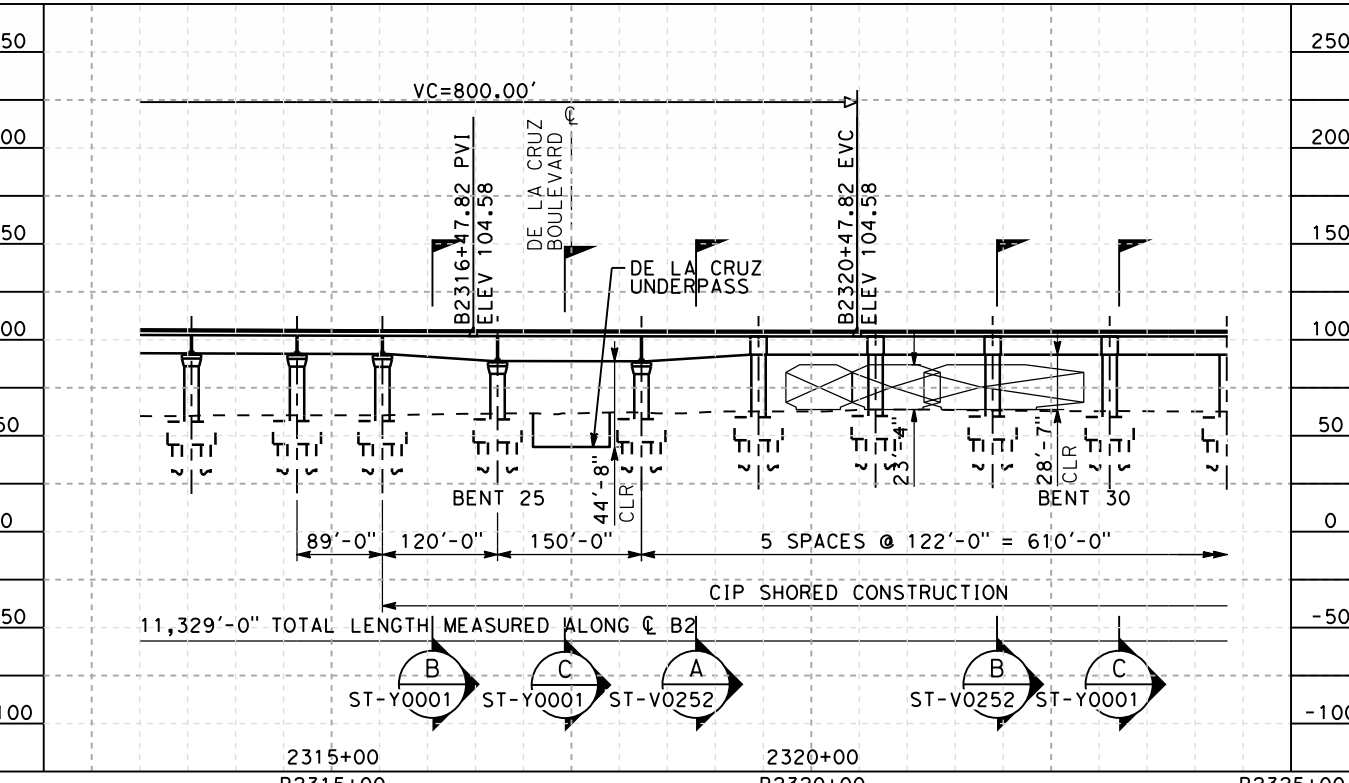
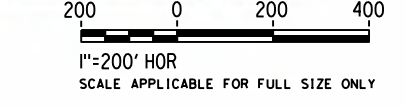
**LAFAYETTE STREET UNDERPASSES
STATION 2300+00**

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 78 OF 253

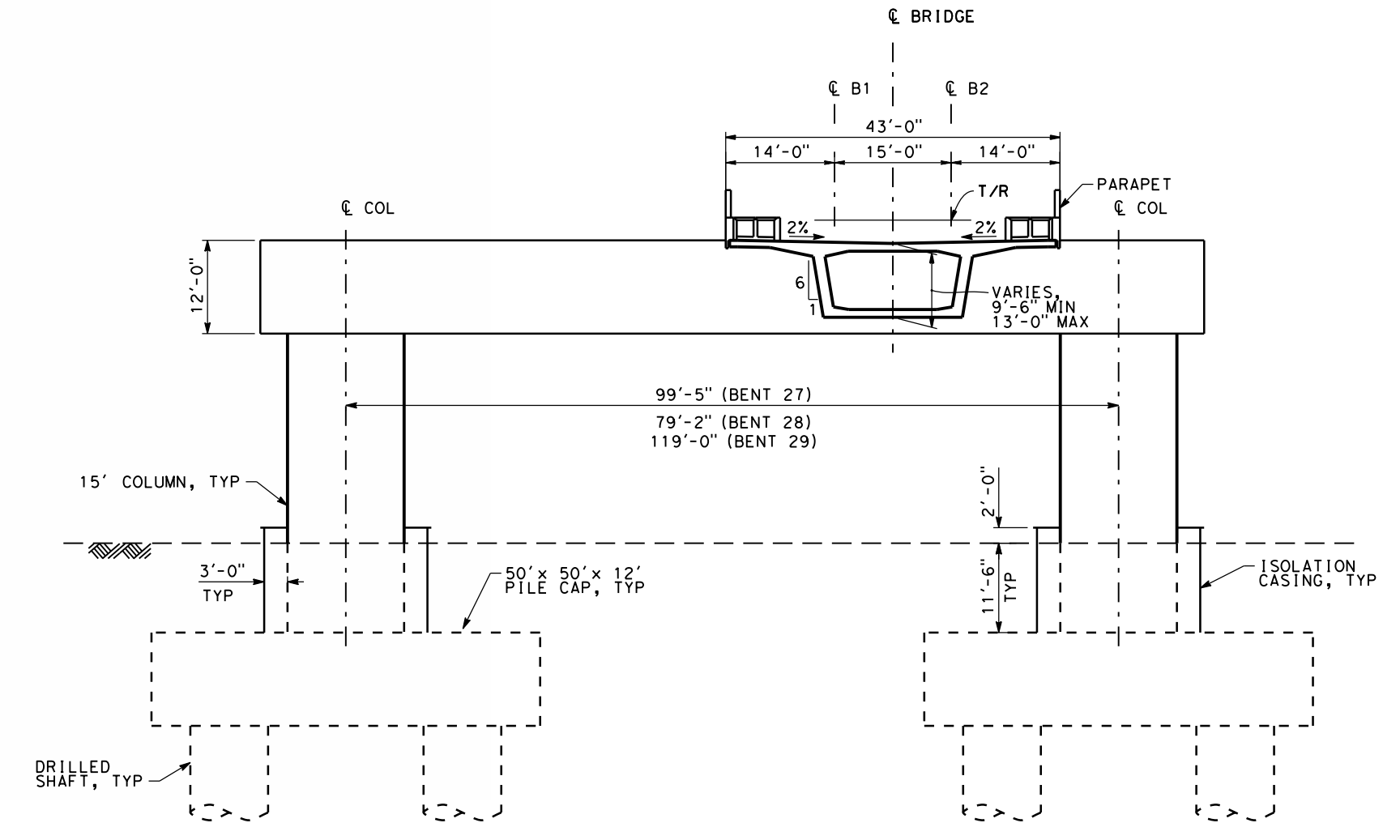
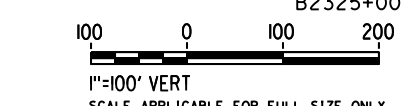
RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOSE DIRIDON STATION APPROACH VIADUCT TO SCOTT BLVD COMPLEX STRUCTURES GENERAL PLAN 1 OF 5	CONTRACT NO. HSR15-34 DRAWING NO. ST-V0251 SCALE AS SHOWN SHEET NO.
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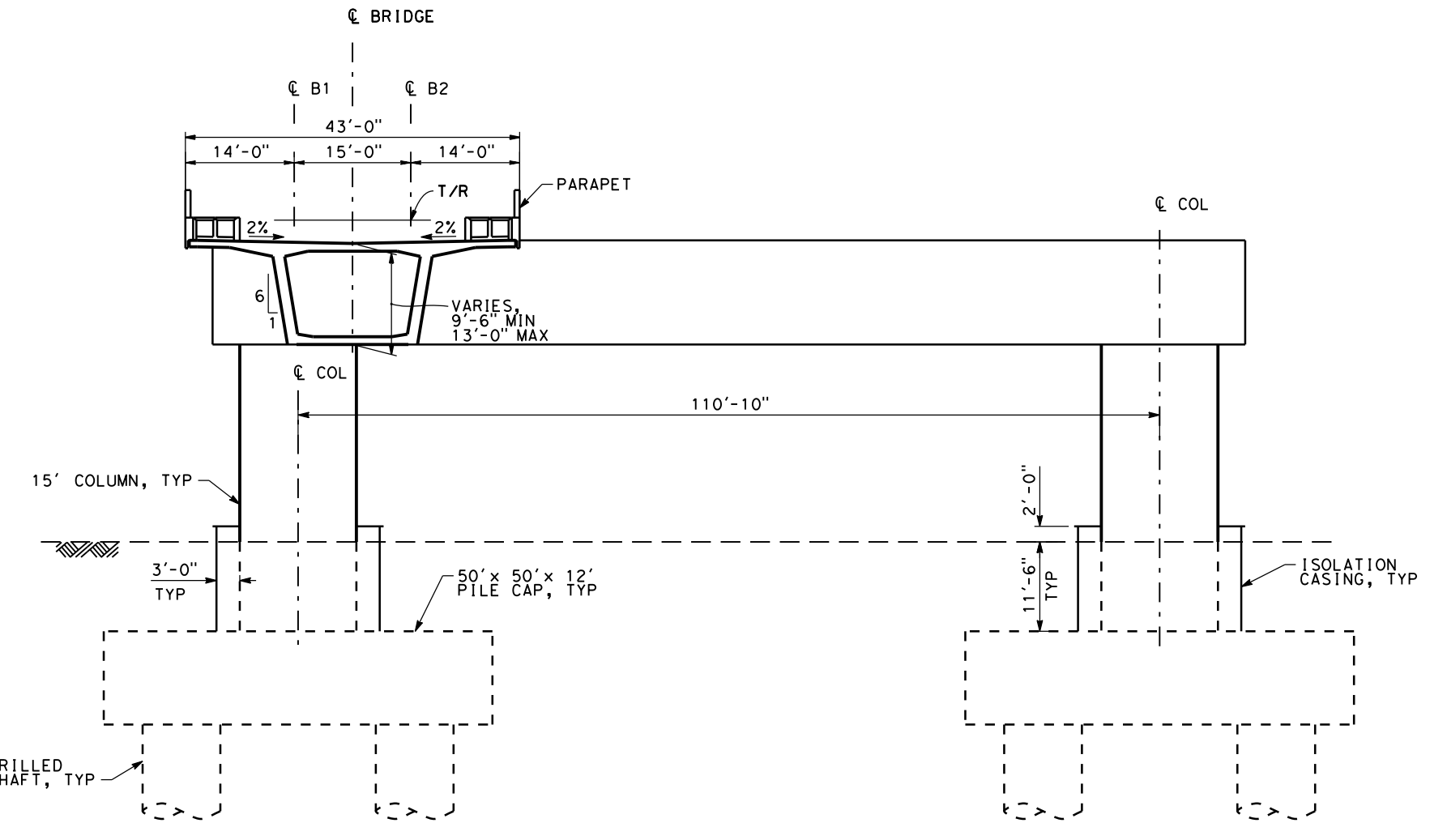
PLAN - DE LA CRUZ BOULEVARD
SCALE: 1"=200'



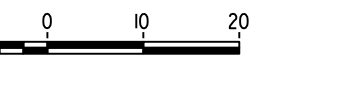
PROFILE - DE LA CRUZ BOULEVARD
SCALE: 1"=200' HOR, 1"=100' VERT



SECTION A-A
SCALE 1"=20'-0"

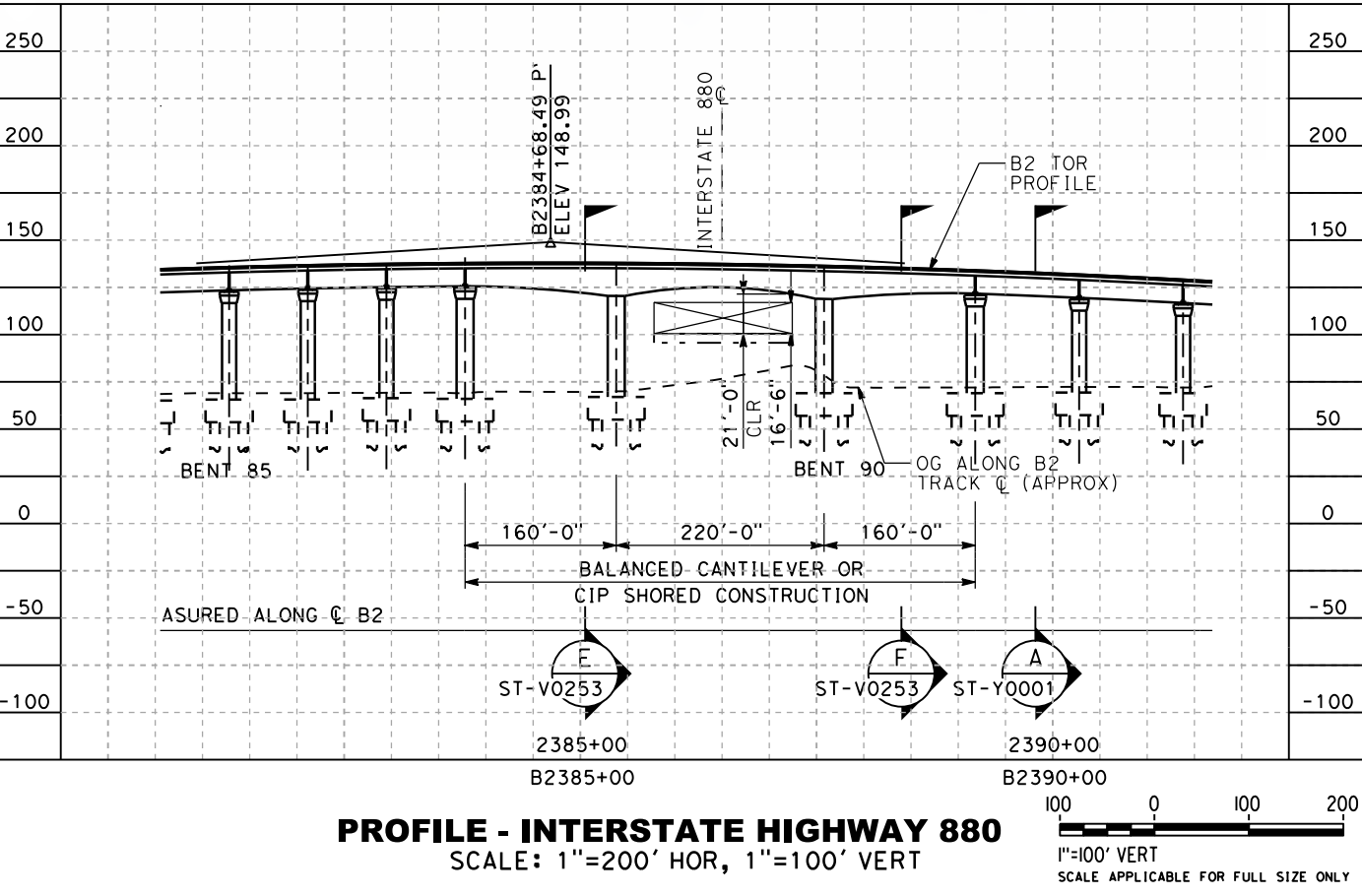
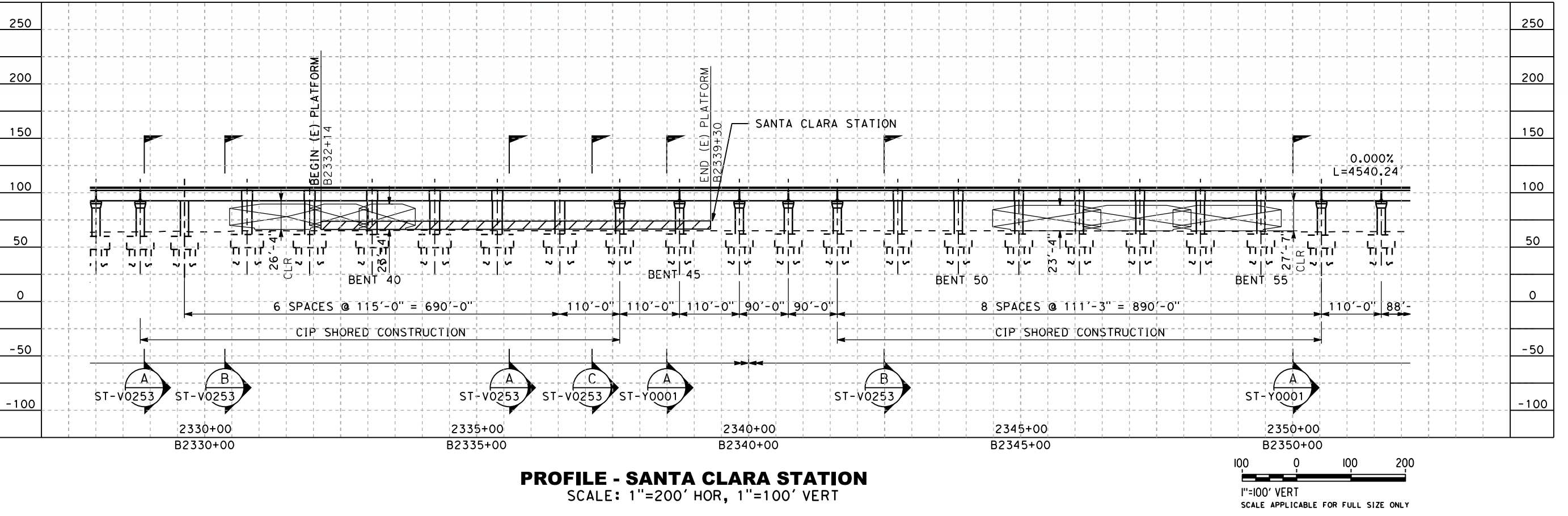
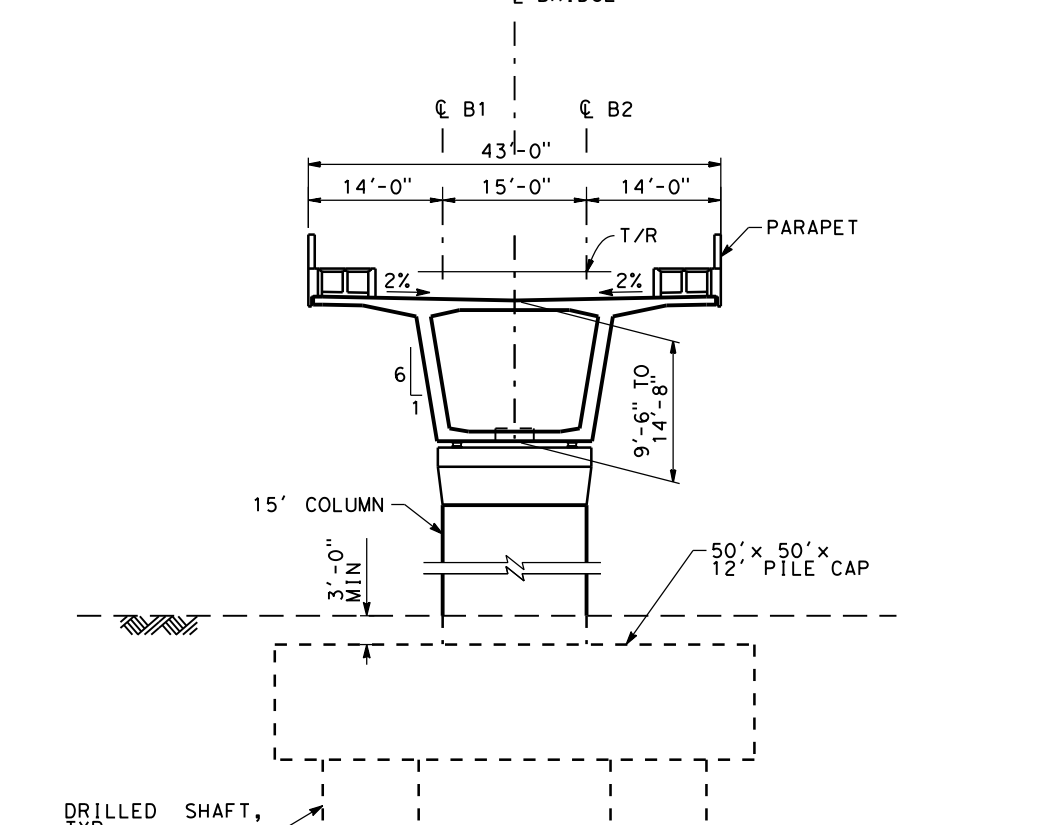
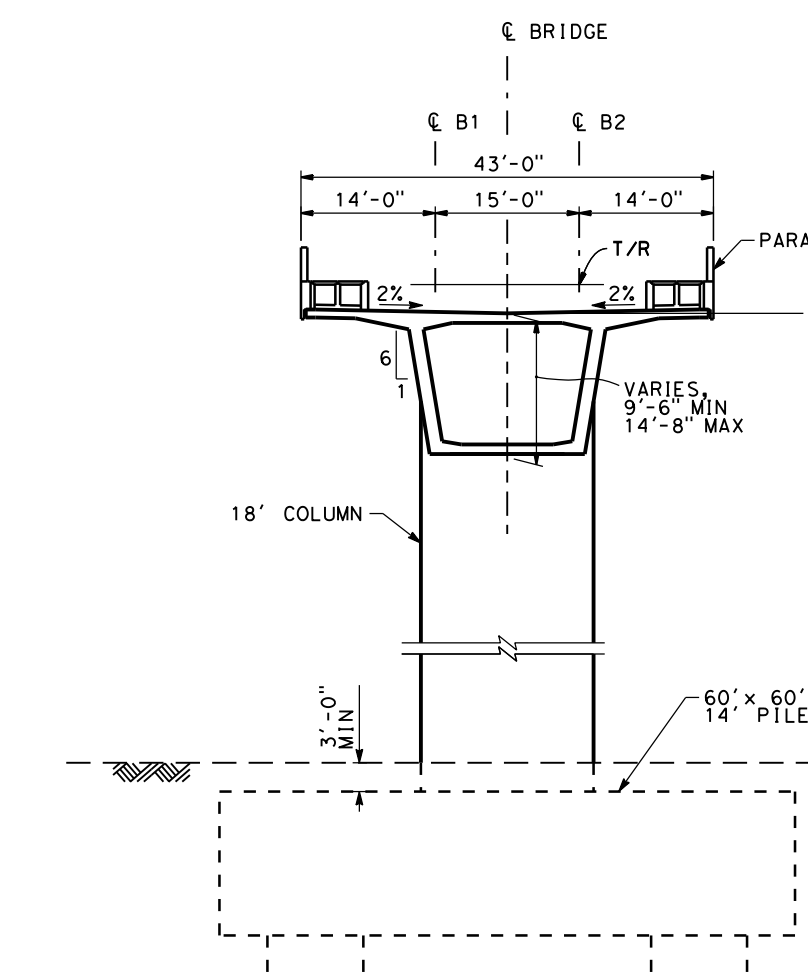
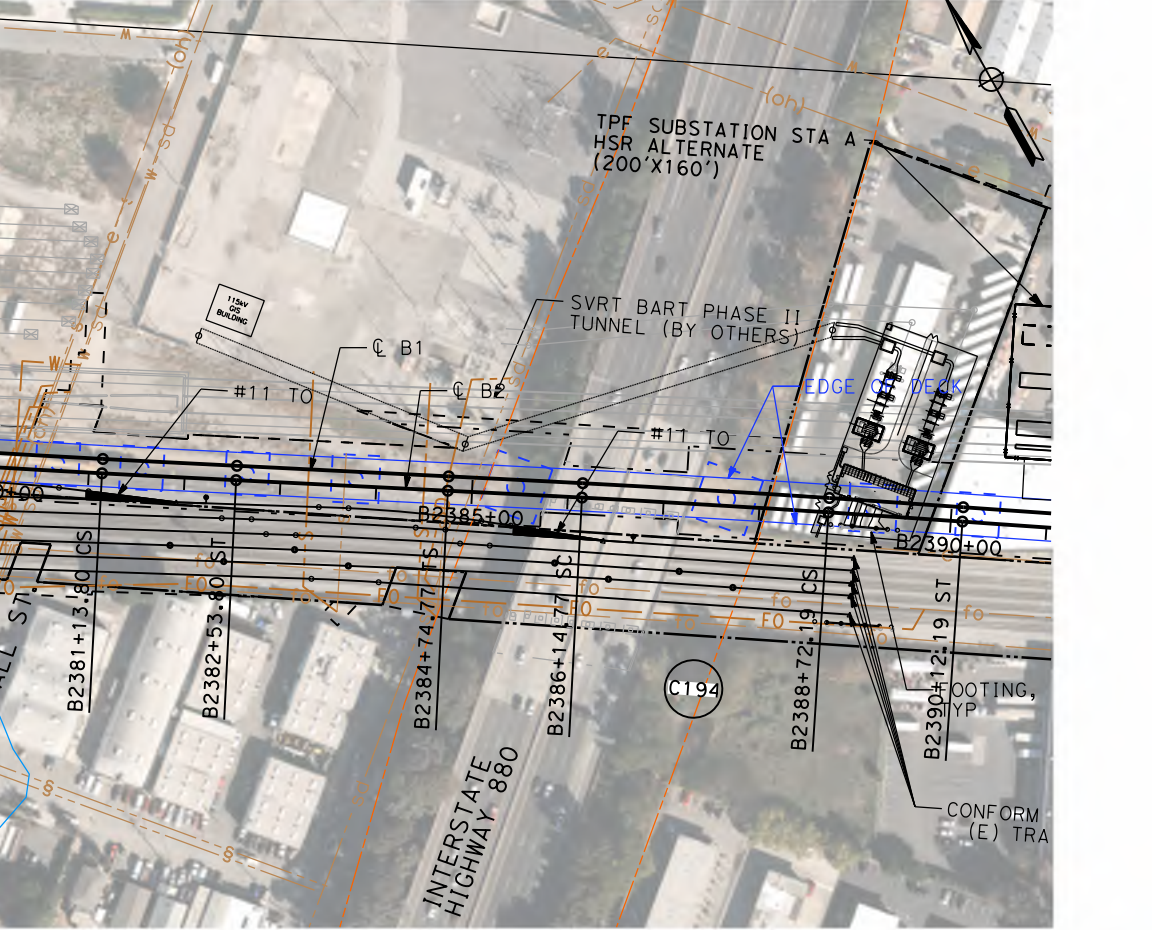
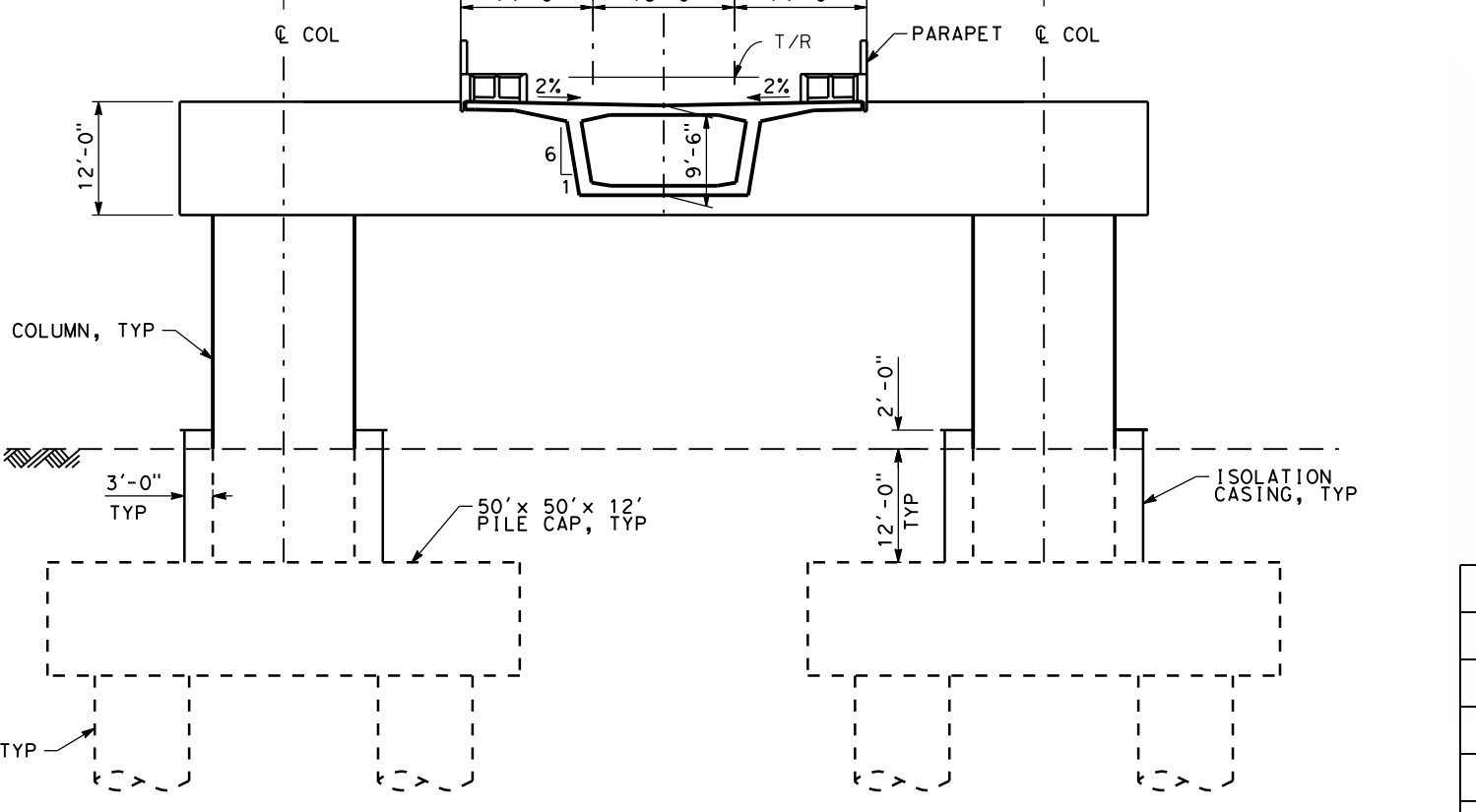
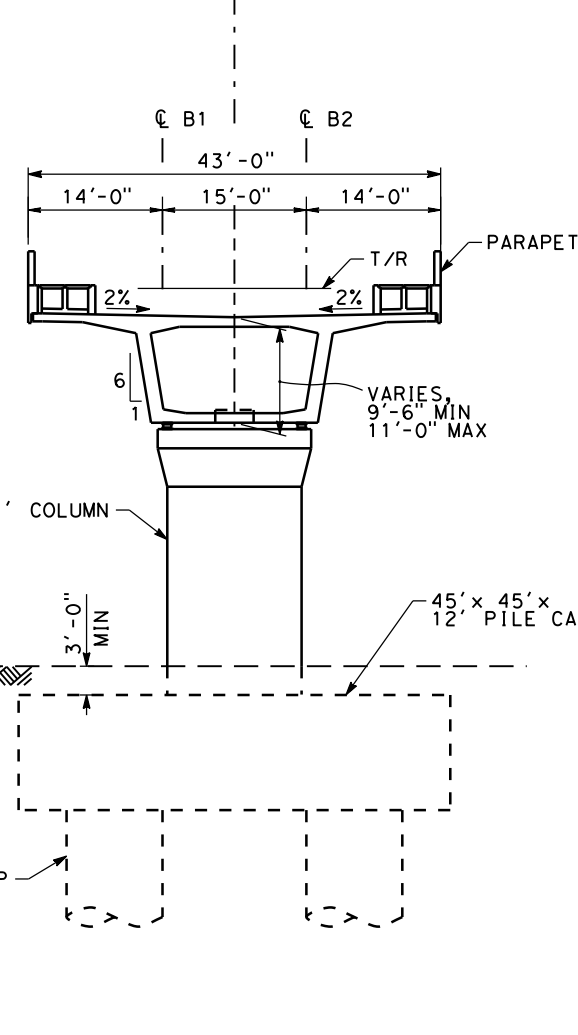
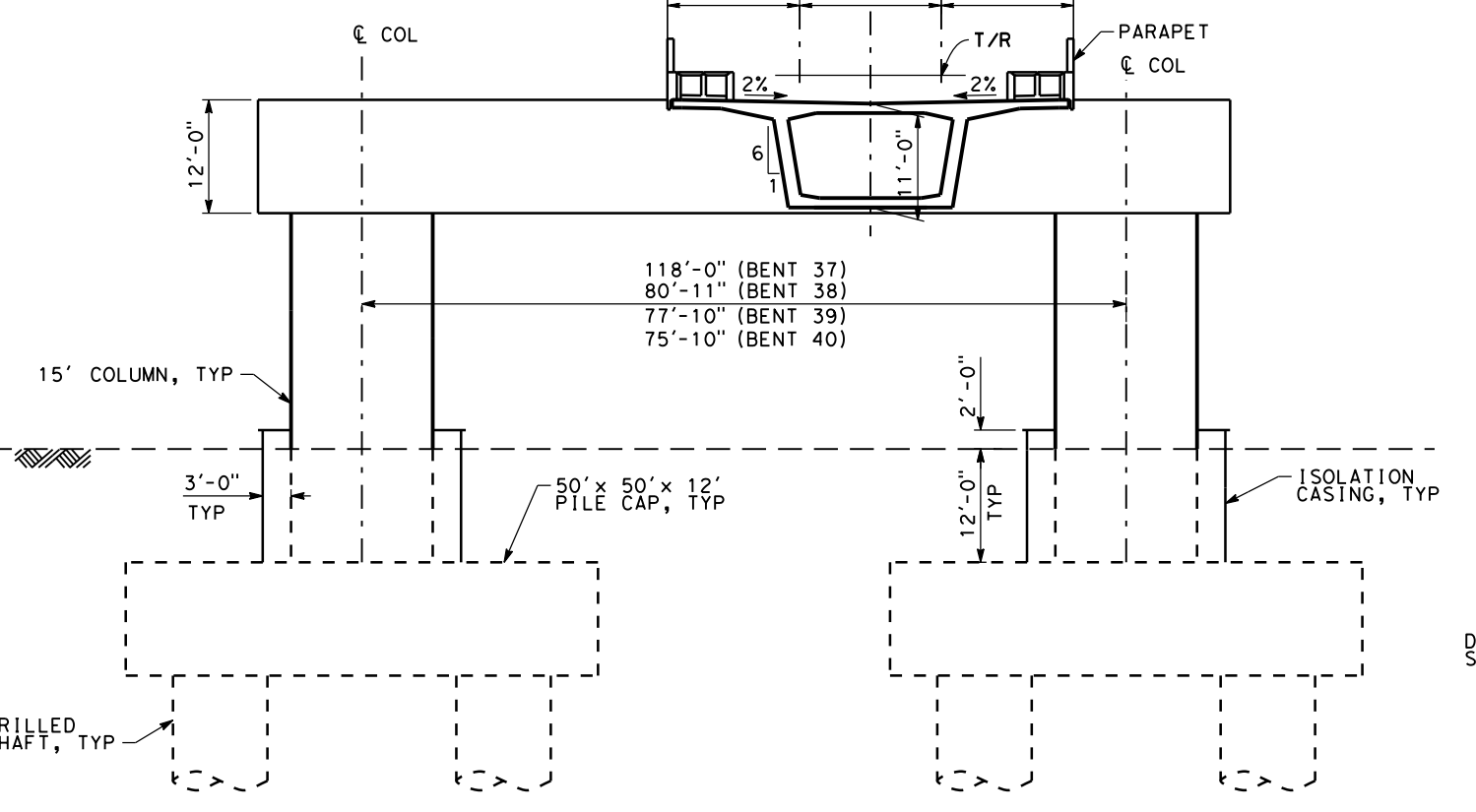
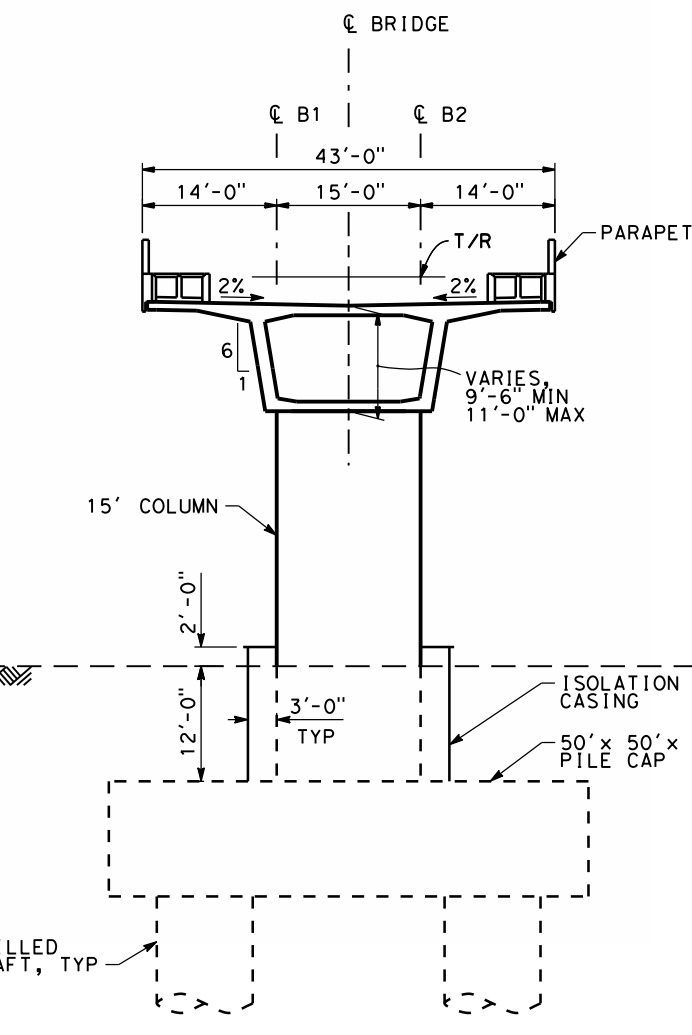
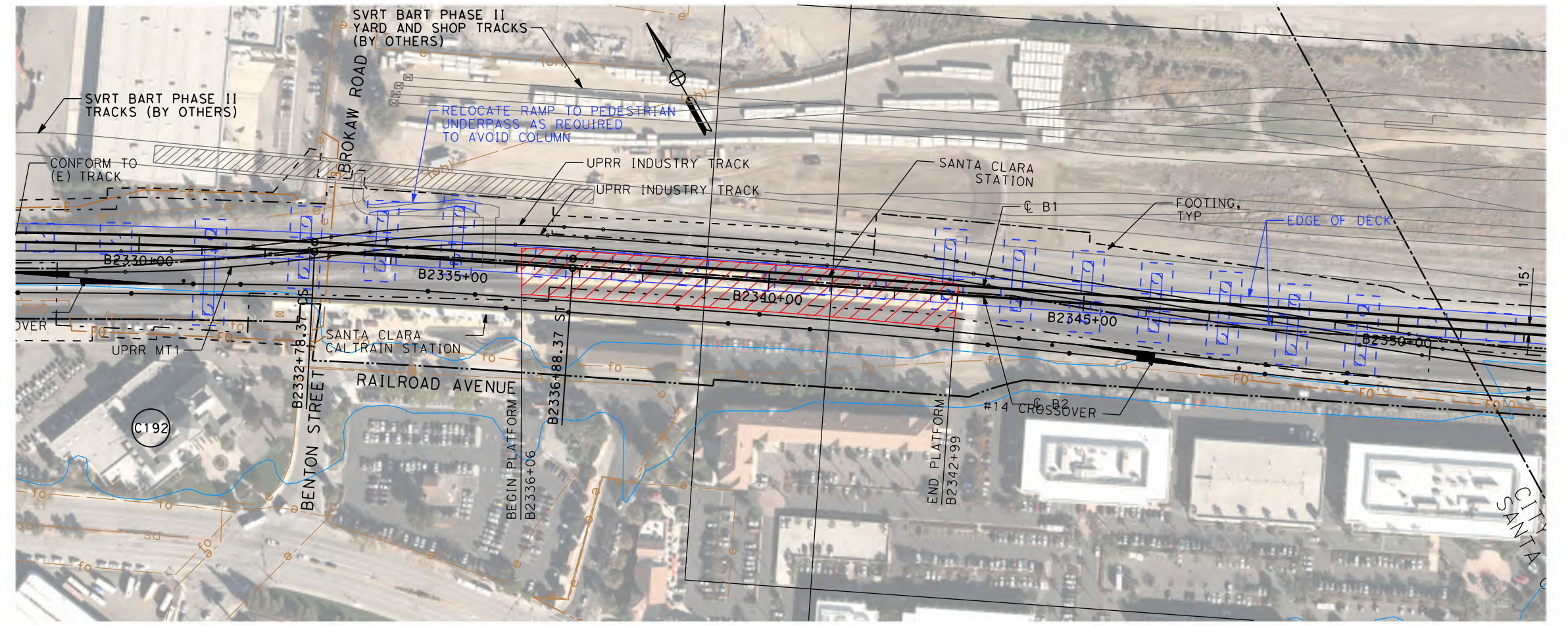


SECTION B-B
SCALE 1"=20'-0"

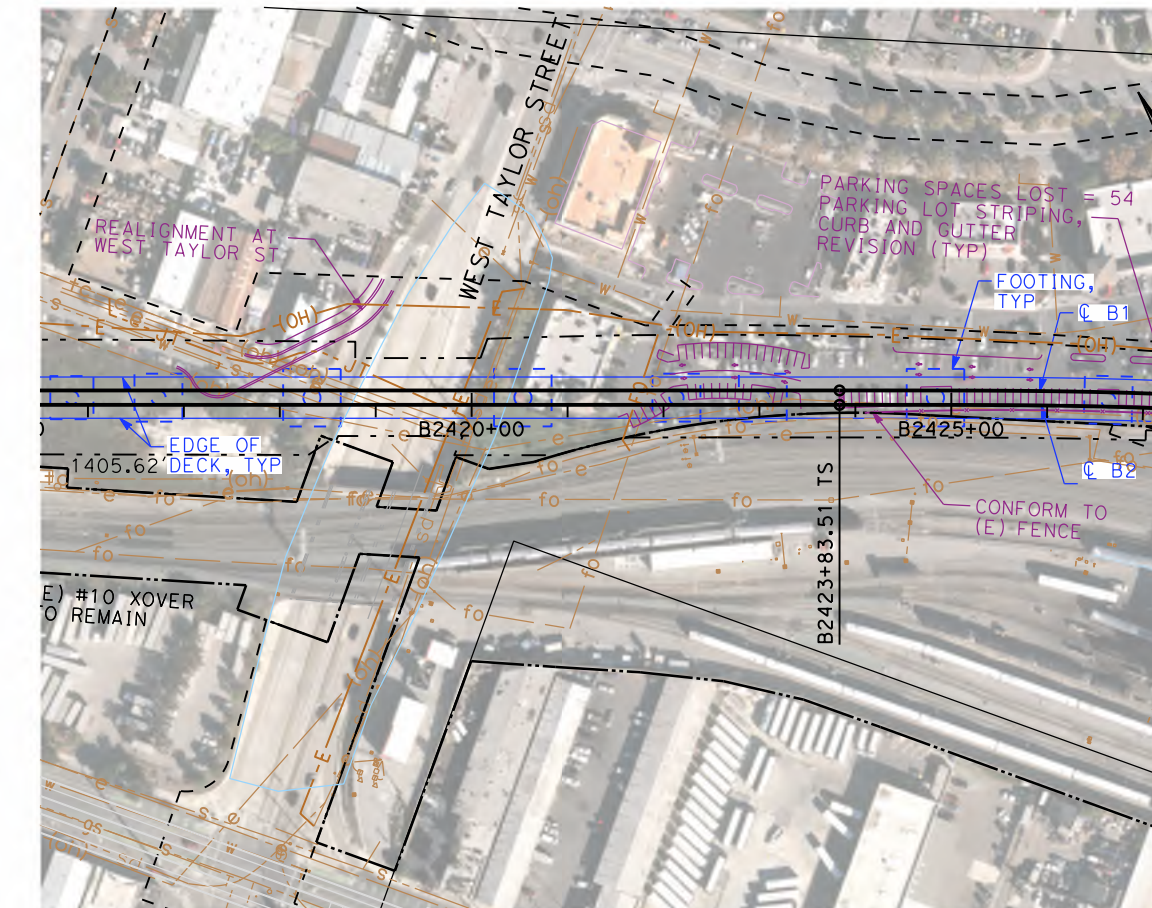


RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOSE DIRIDON STATION APPROACH VIADUCT TO SCOTT BLVD COMPLEX STRUCTURES GENERAL PLAN 2 OF 5	CONTRACT NO. HSR15-34 DRAWING NO. ST-V0252 SCALE AS SHOWN SHEET NO.
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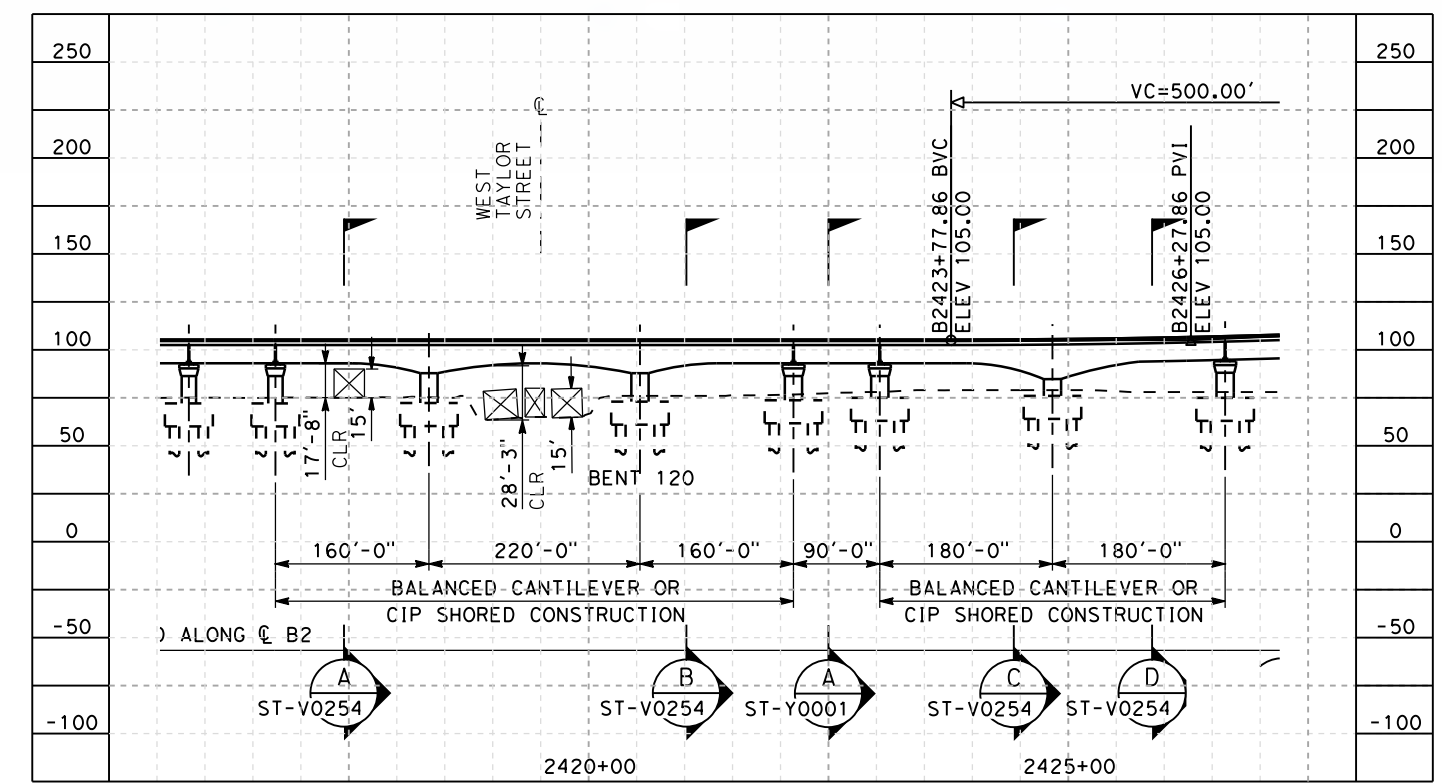
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 79 OF 253



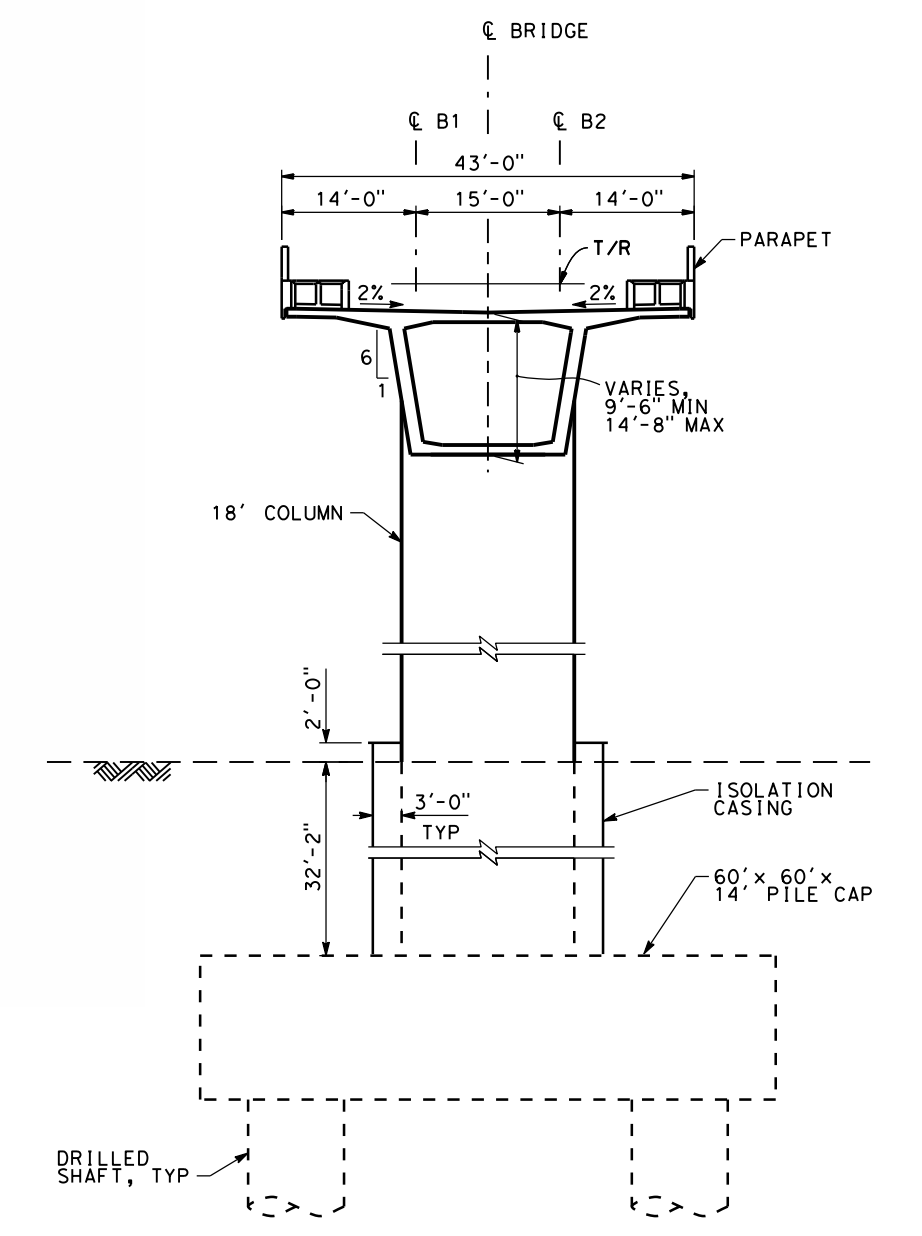
RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOSE DIRIDON STATION APPROACH VIADUCT TO SCOTT BLVD COMPLEX STRUCTURES GENERAL PLAN 3 OF 5	CONTRACT NO. HSR15-34 DRAWING NO. ST-V0253 SCALE AS SHOWN SHEET NO.
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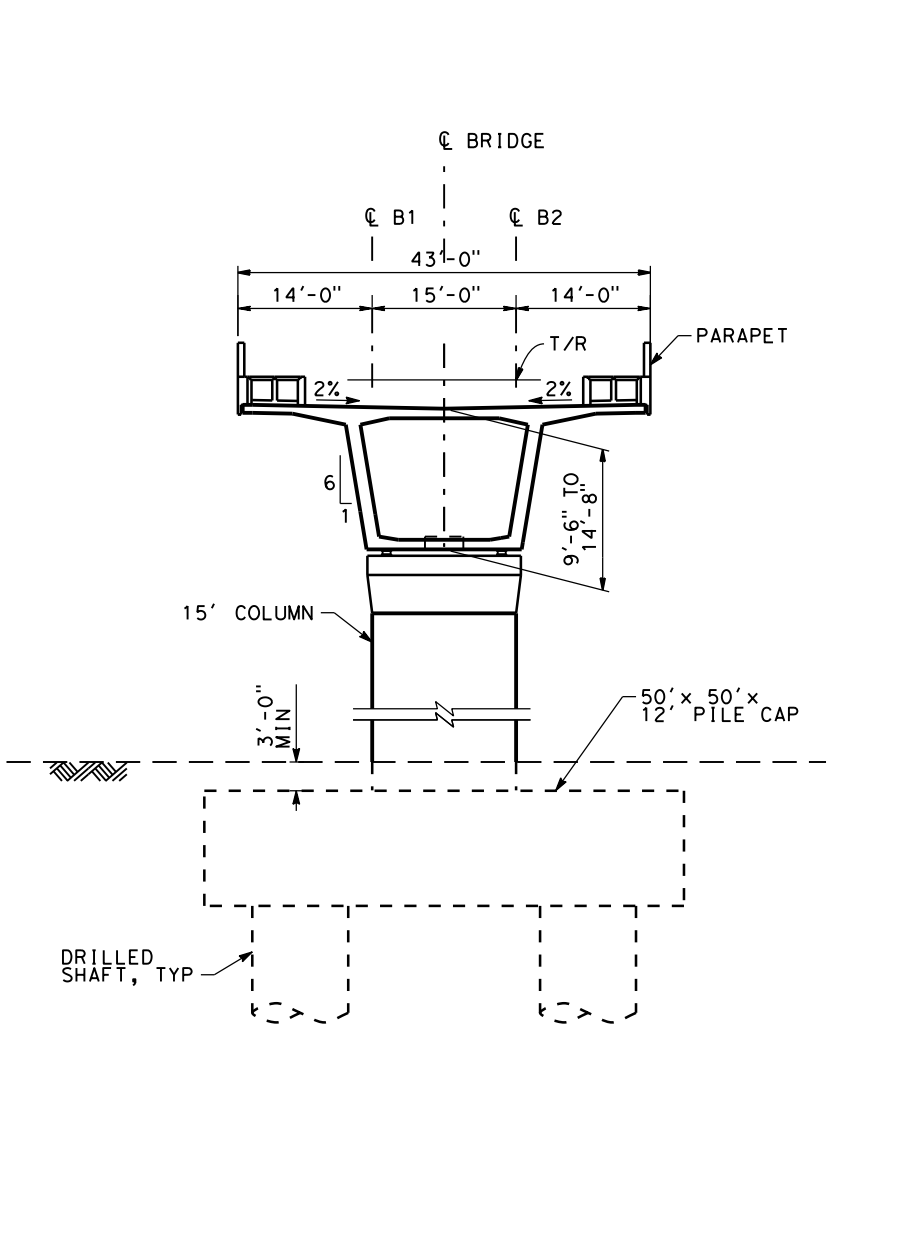
PLAN - WEST TAYLOR STREET
SCALE: 1"=200'



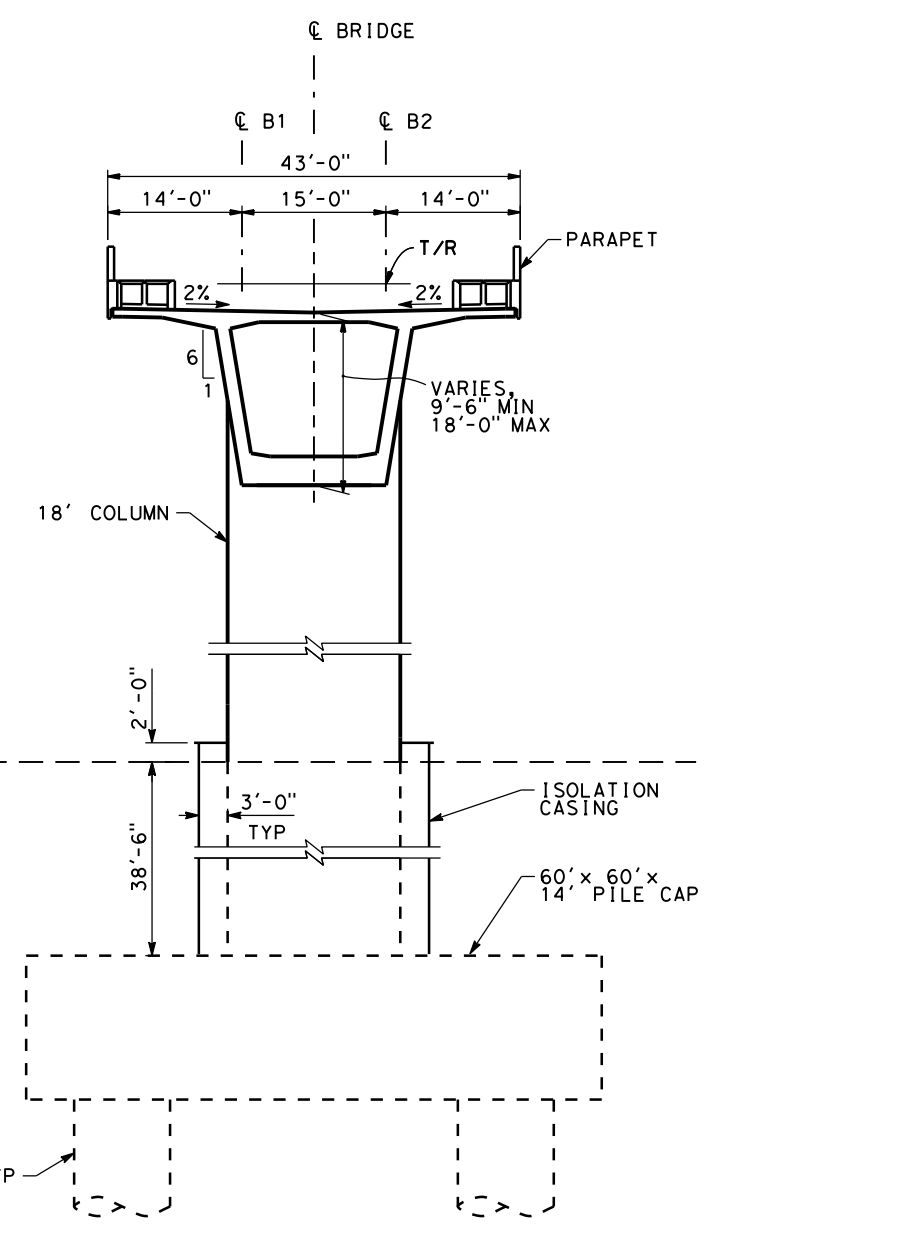
PROFILE - WEST TAYLOR STREET
SCALE: 1"=200' HOR, 1"=100' VERT



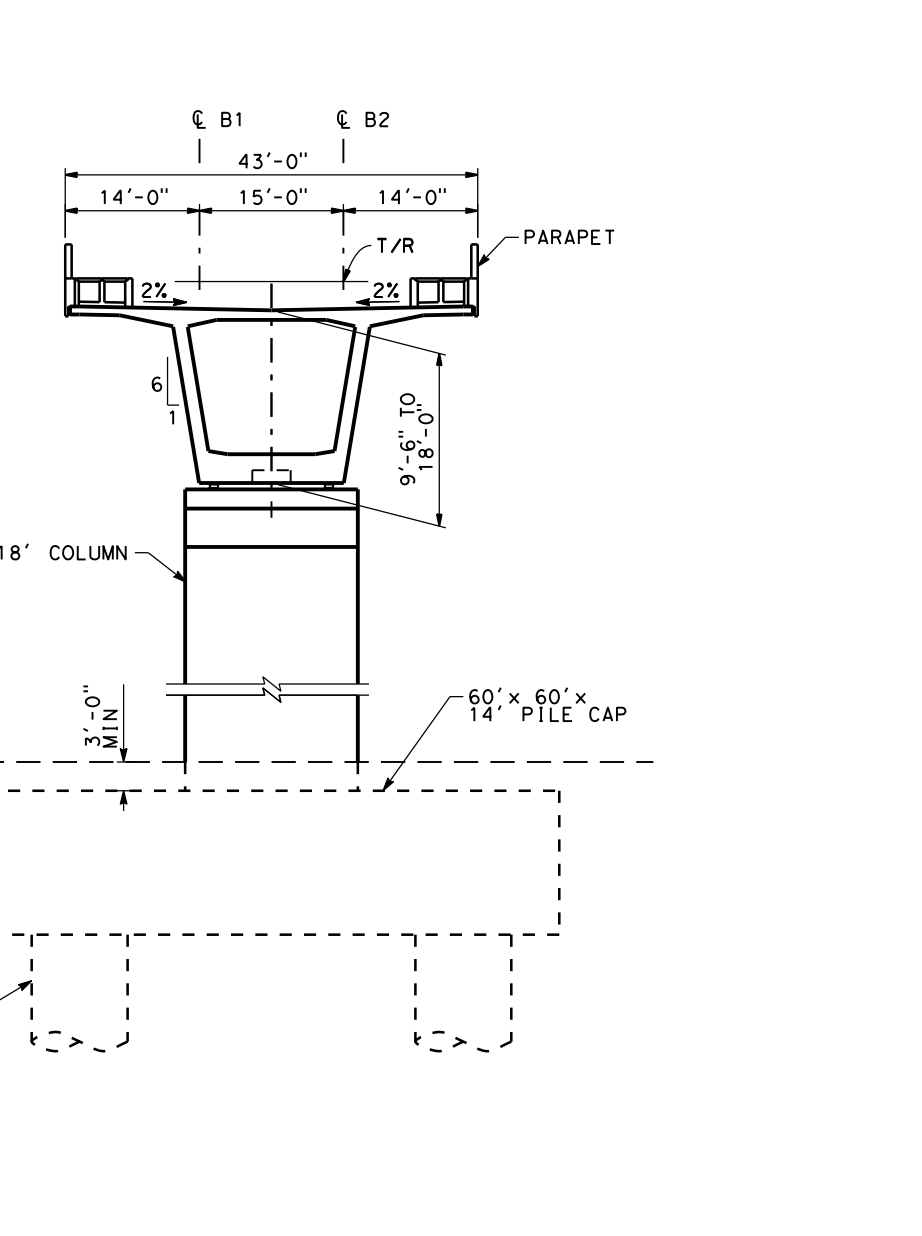
SECTION A-A
SCALE 1"=20'-0"



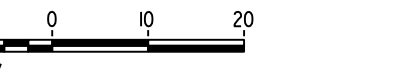
SECTION B-B
SCALE 1"=20'-0"



SECTION C-C
SCALE 1"=20'-0"

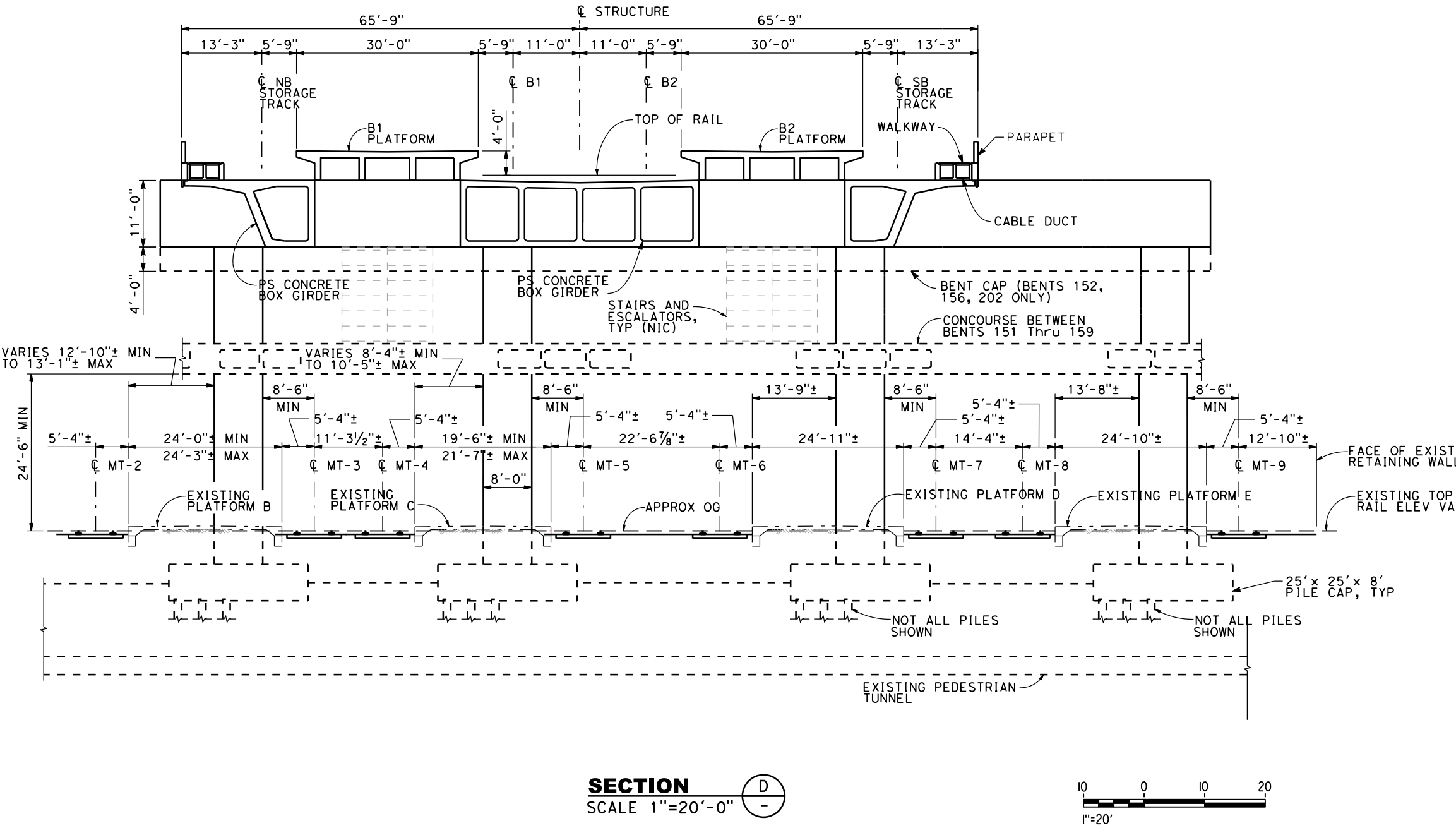
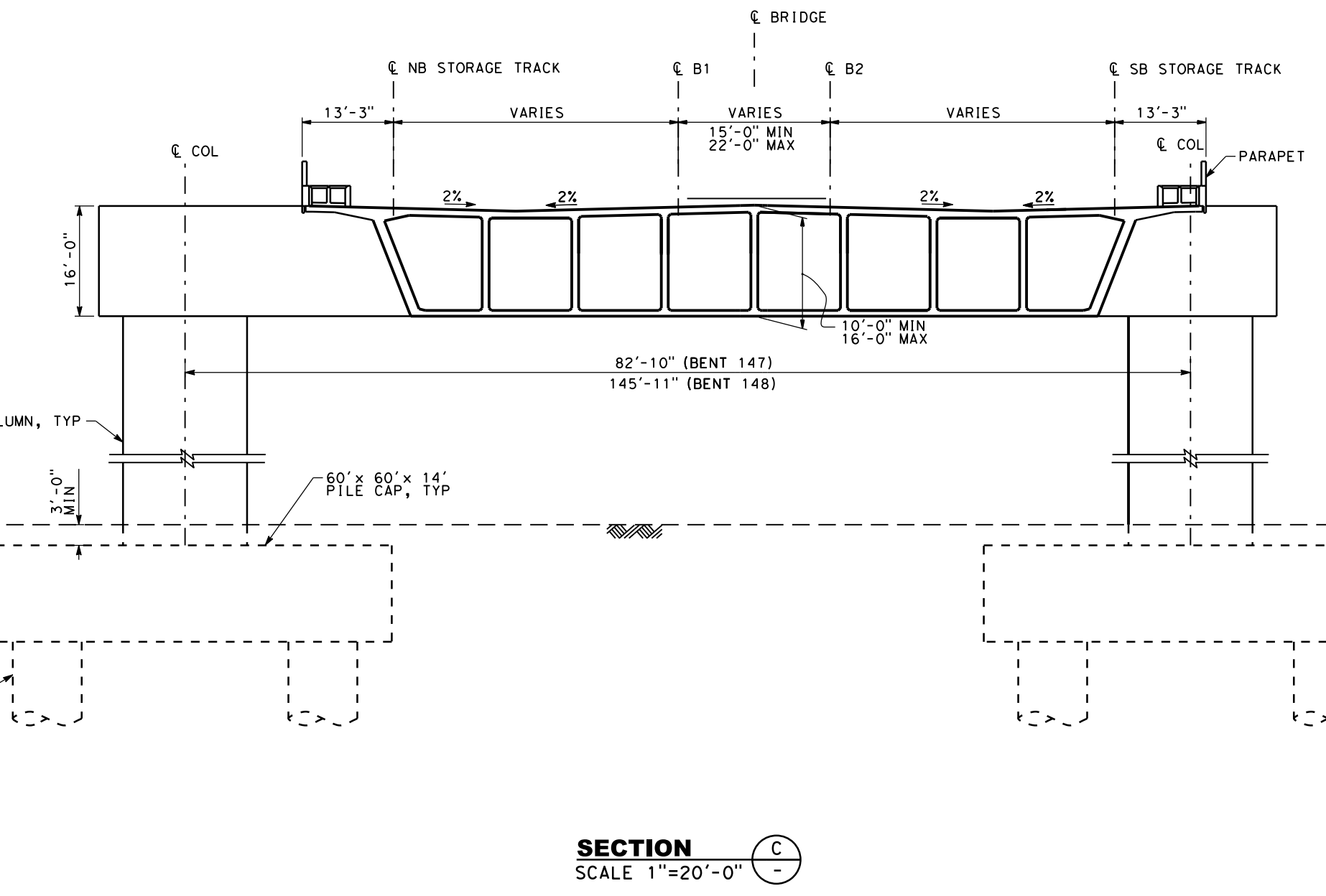
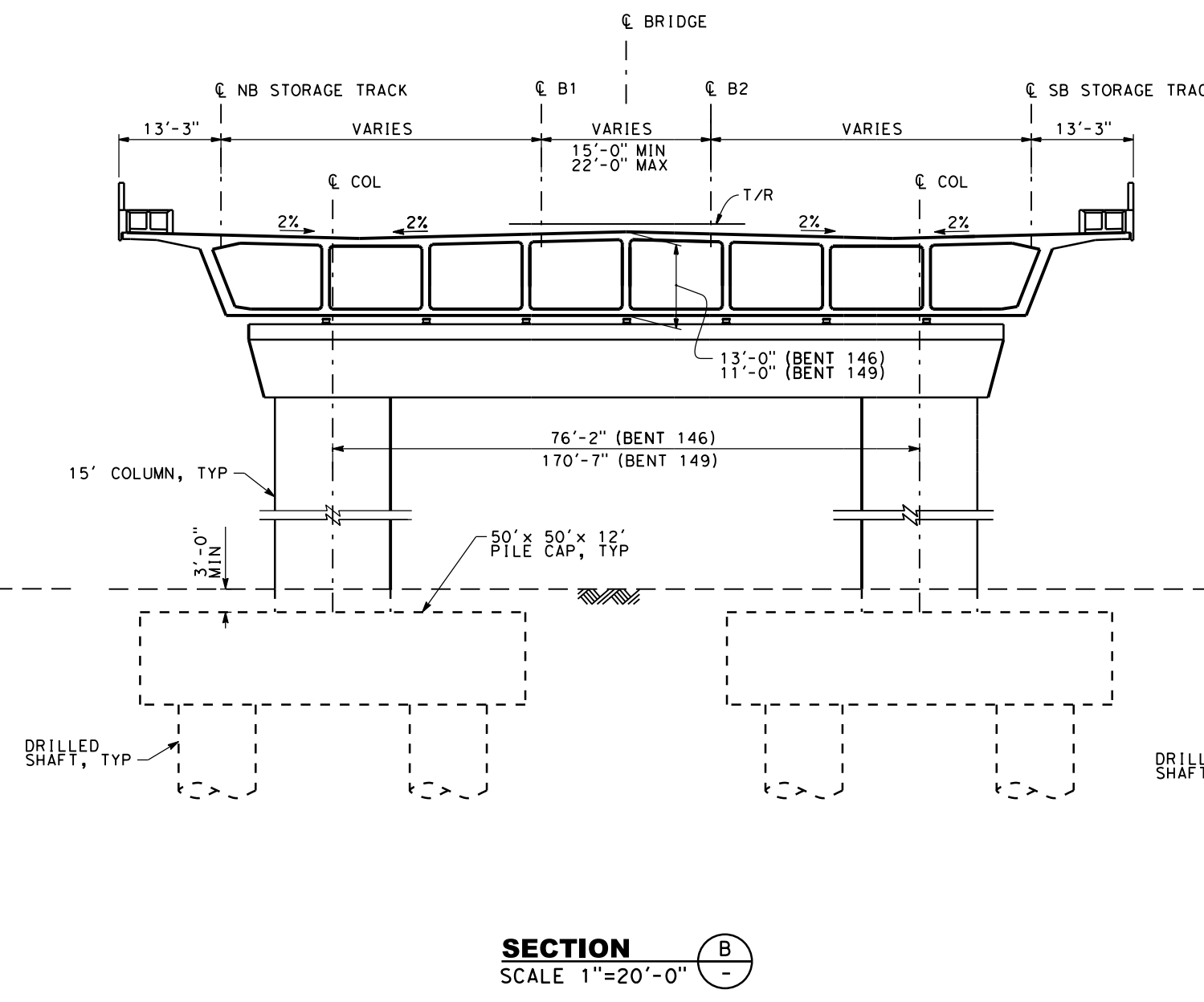
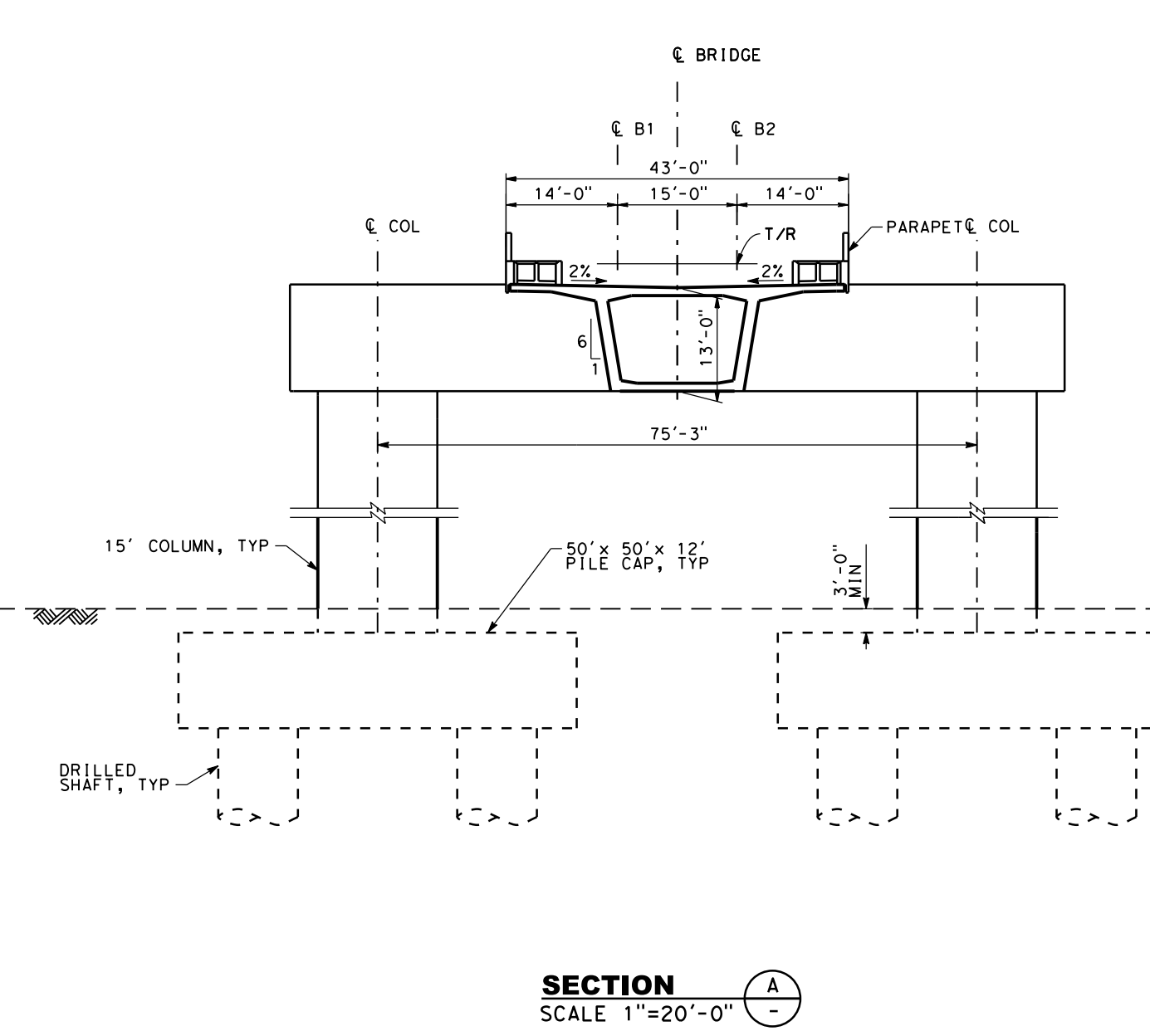
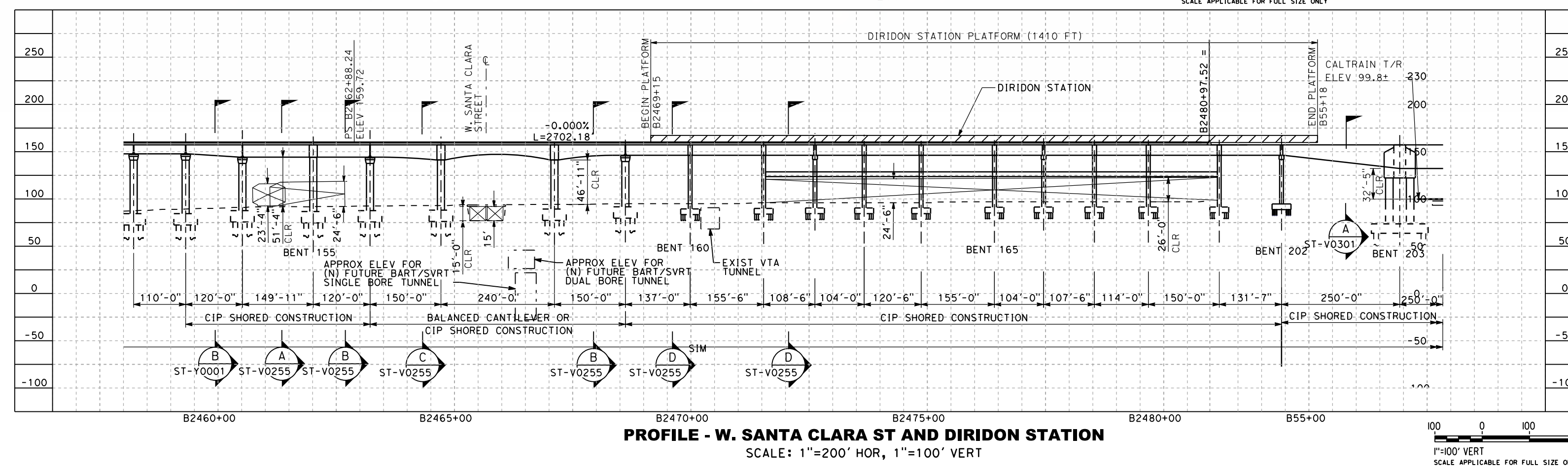
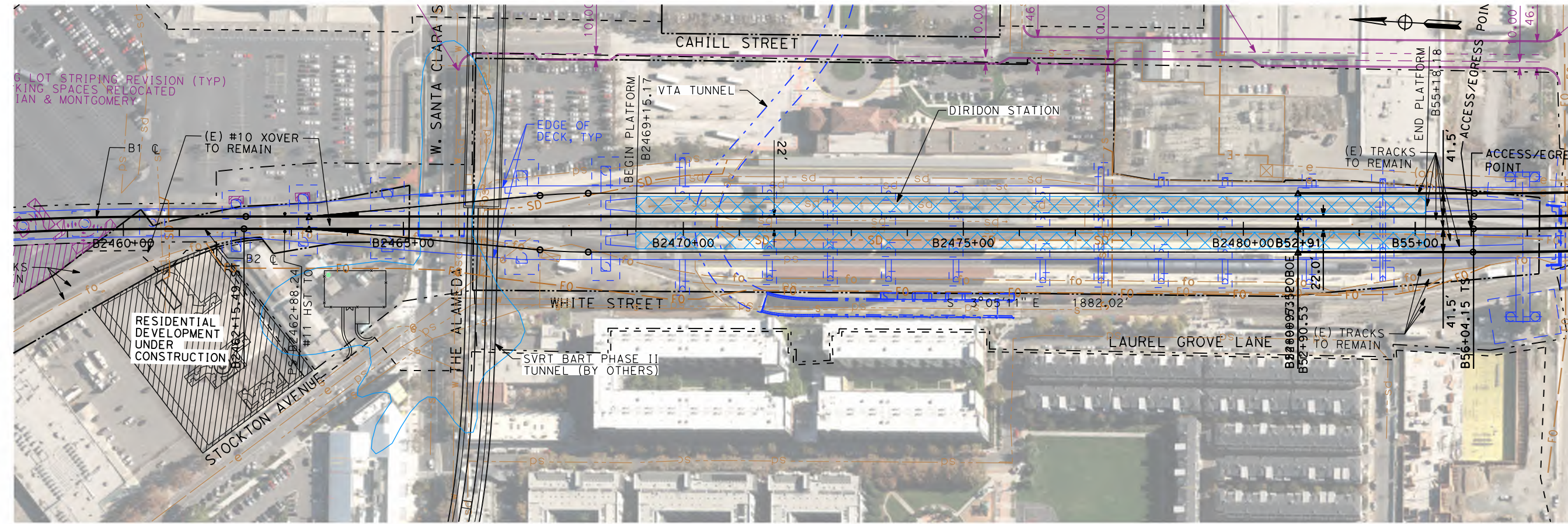


SECTION D-D
SCALE 1"=20'-0"



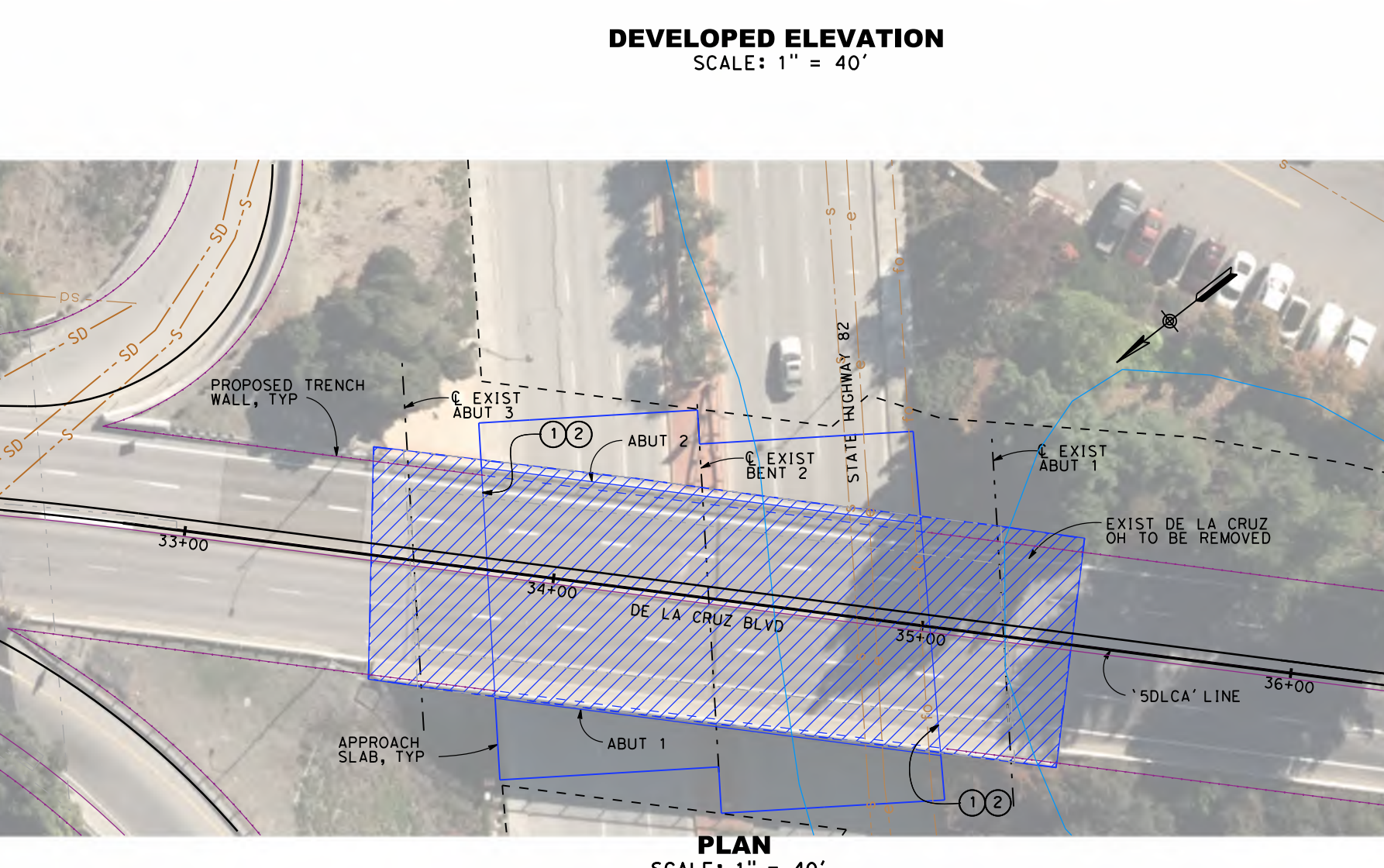
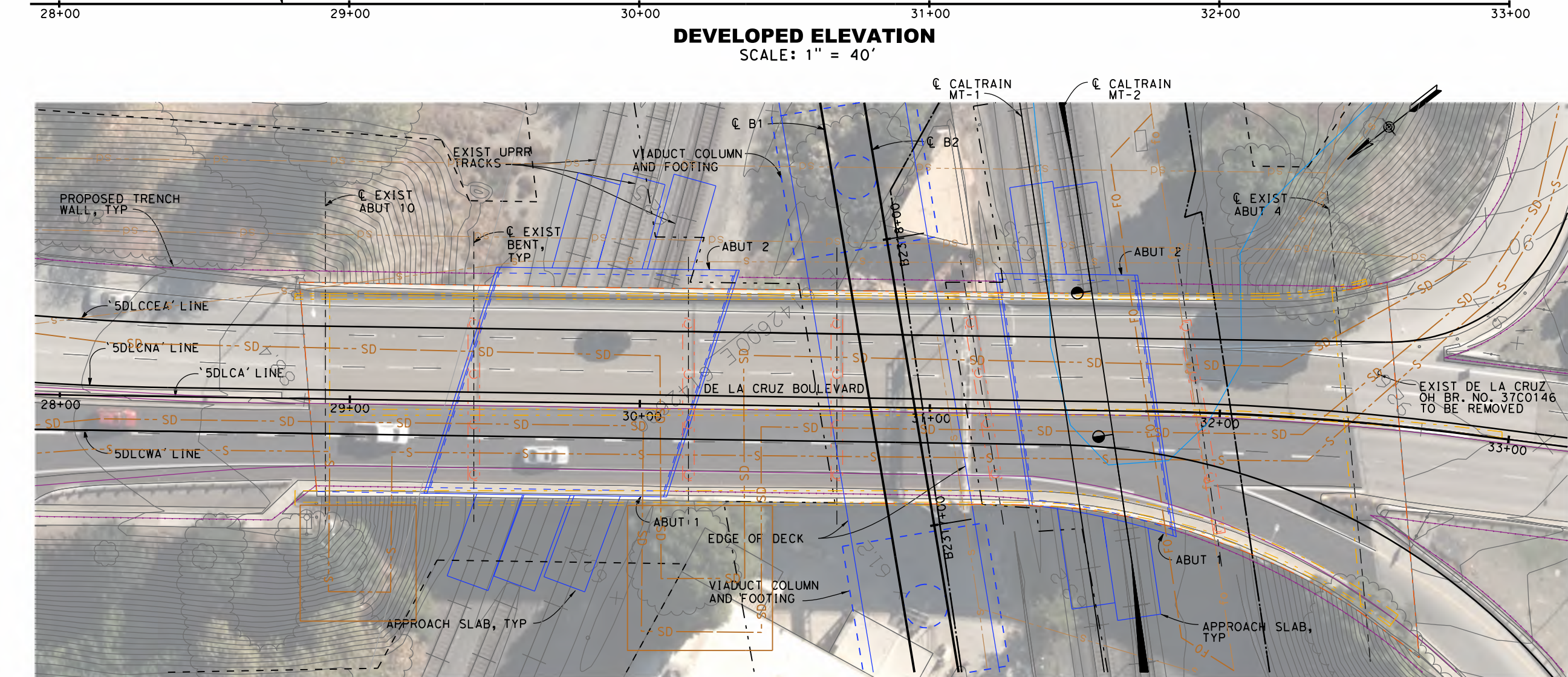
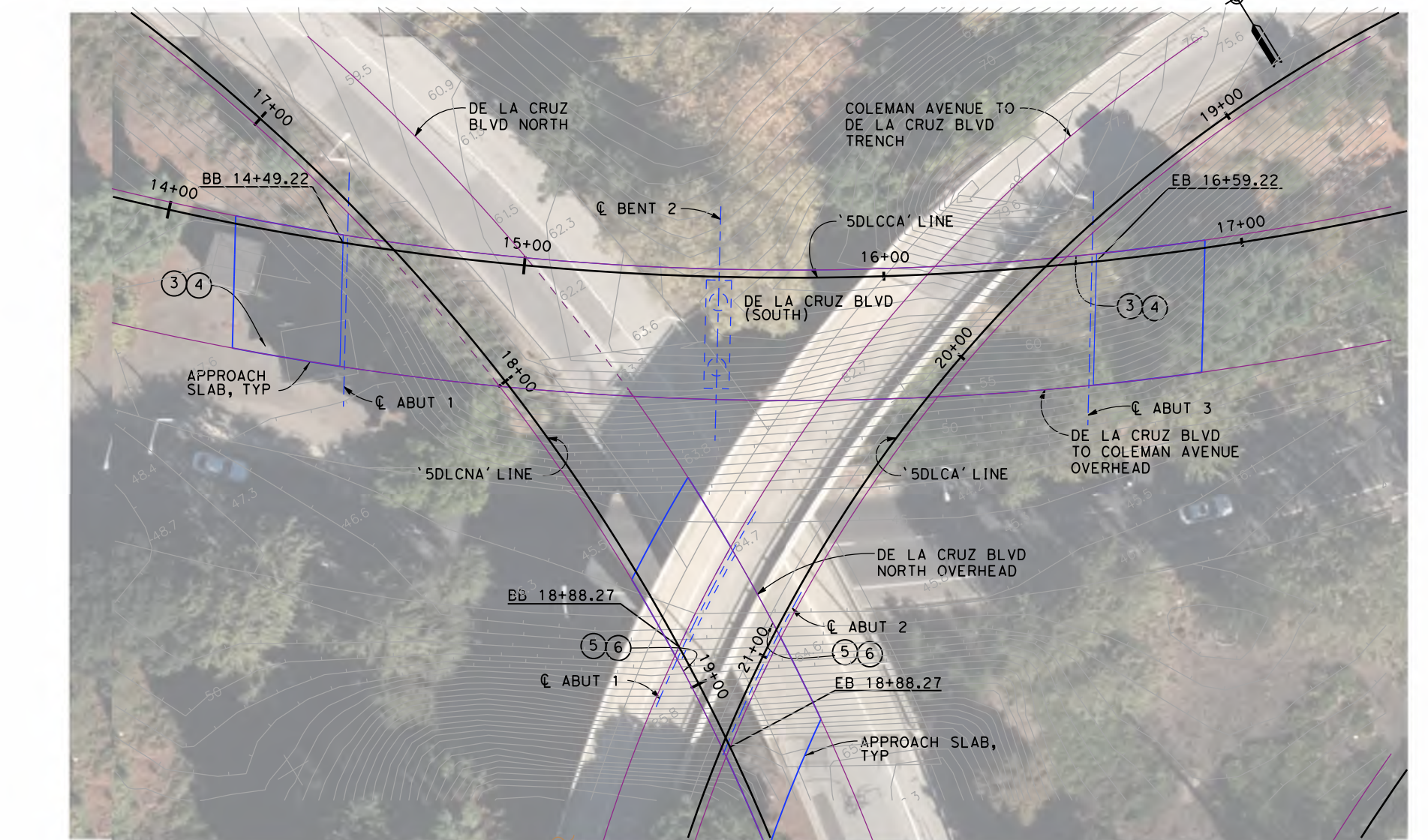
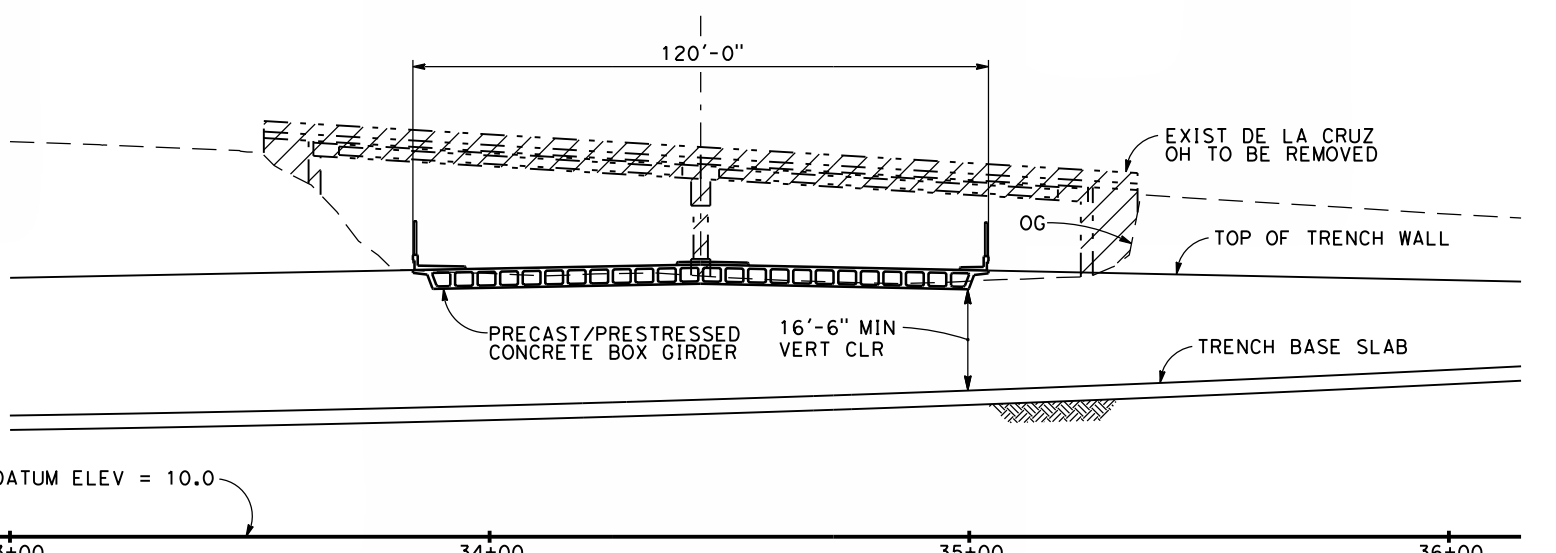
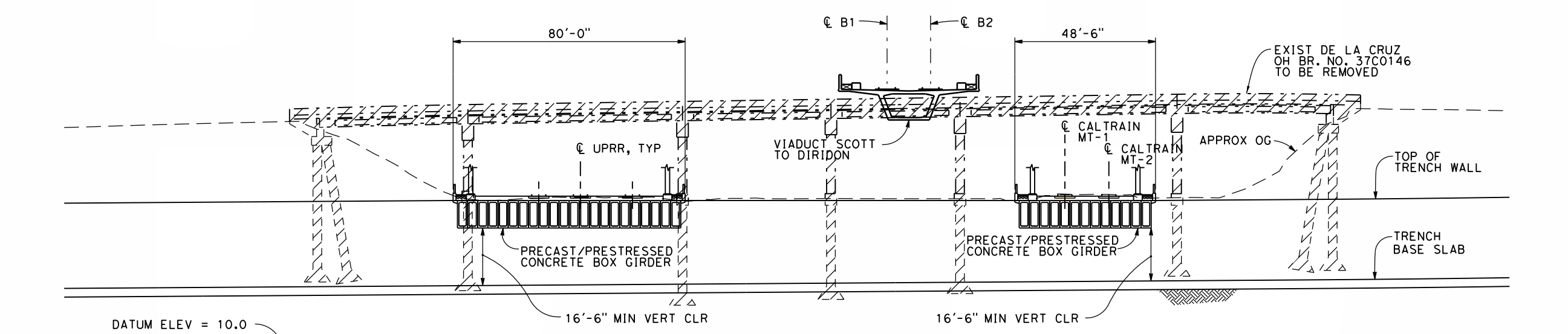
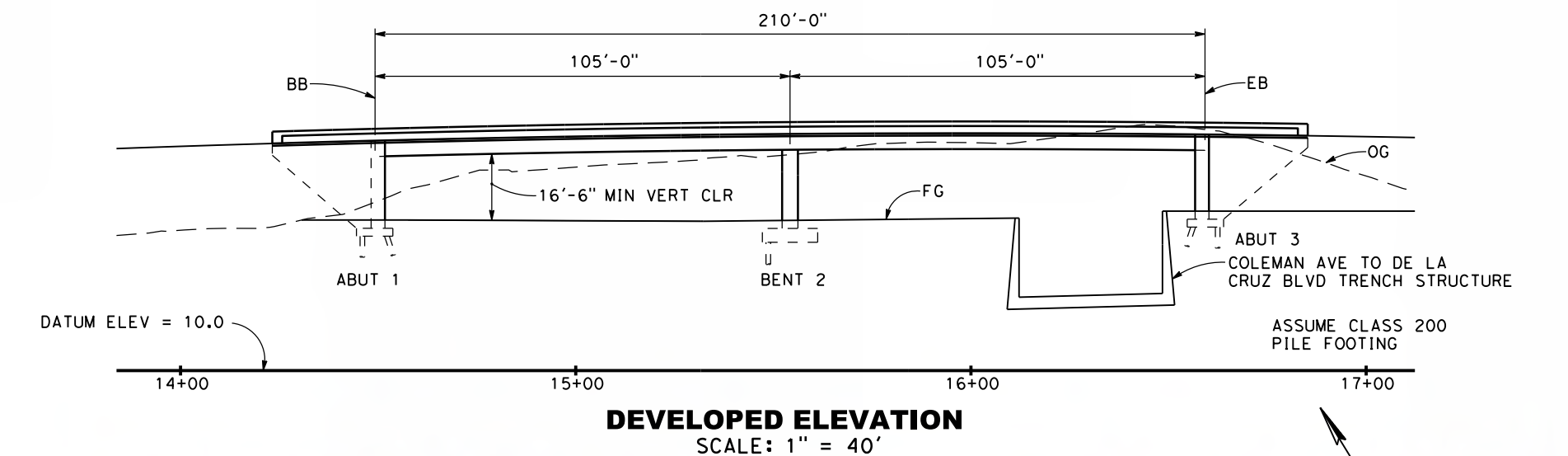
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 81 OF 253

RECORD PEPP SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOSE DIRIDON STATION APPROACH VIADUCT TO SCOTT BLVD COMPLEX STRUCTURES GENERAL PLAN 4 OF 5	CONTRACT NO. HSR15-34 DRAWING NO. ST-V0254 SCALE AS SHOWN SHEET NO.
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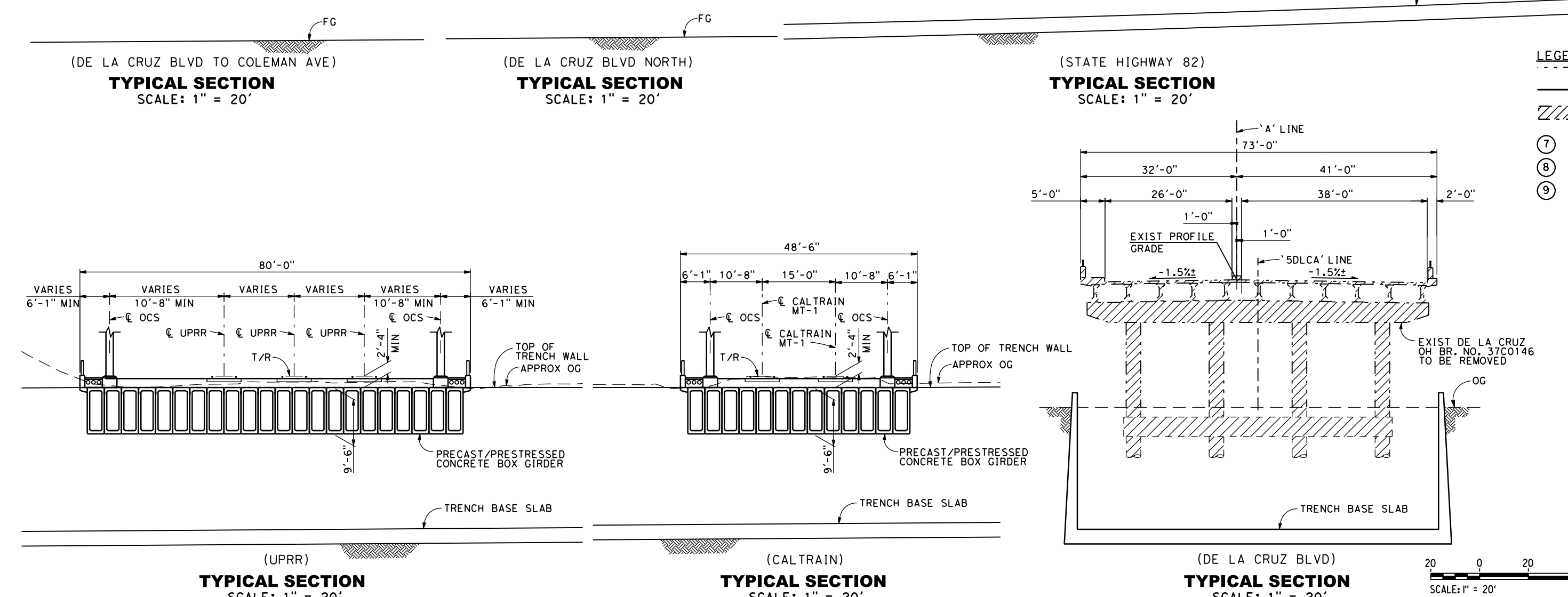
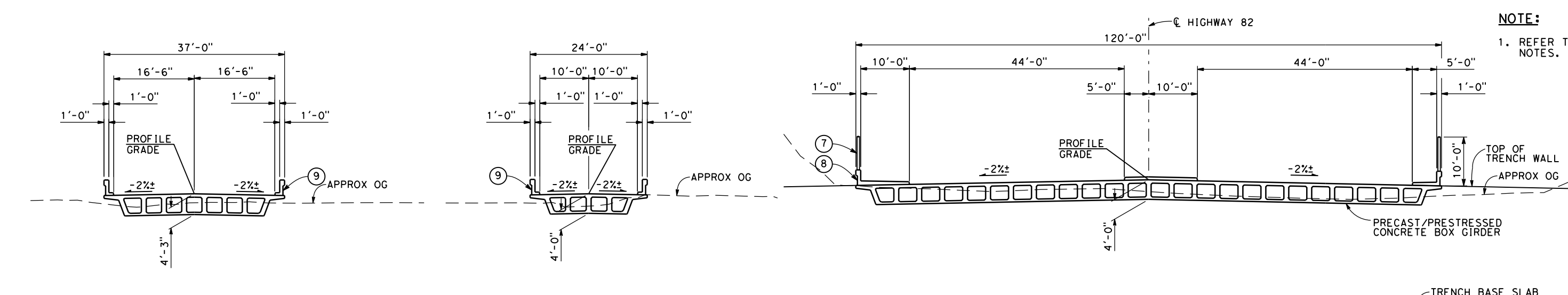


**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 82 OF 253**

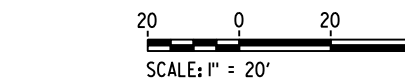
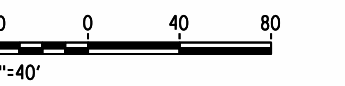
RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOSE DIRIDON STATION APPROACH VIADUCT TO SCOTT BLVD COMPLEX STRUCTURES GENERAL PLAN 5 OF 5	CONTRACT NO. HSR15-34 DRAWING NO. ST-V0255 SCALE: AS SHOWN SHEET NO.
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- LEGEND:**
- EXISTING STRUCTURE
 - NEW CONSTRUCTION
 - EXISTING BRIDGE TO BE REMOVED
- ① PAINT "SR 82 OVERHEAD"
 ② PAINT "BRIDGE NO. XX-XXXX"
 ③ PAINT "DE LA CRUZ OVERHEAD"
 ④ PAINT "BRIDGE NO. XX-XXXX"
 ⑤ PAINT "DE LA CRUZ BLVD OVERHEAD"
 ⑥ PAINT "BRIDGE NO. XX-XXXX"
- NOTES:**
1. STRUCTURE LOCATED AT CALTRAIN MP 44.0.
 2. ANY EXISTING UTILITY THAT CONFLICTS WITH NEW CONSTRUCTION SHALL BE RELOCATED UNLESS OTHERWISE NOTED.
 3. VEHICULAR TRAFFIC WILL BE DETOURED DURING CONSTRUCTION.
 4. SEE DRAWING TT-D2026-JM FOR COMPOSITE INFORMATION.



- LEGEND:**
- EXISTING STRUCTURE
 - NEW CONSTRUCTION
 - EXISTING BRIDGE TO BE REMOVED
- ⑦ CHAIN LINK RAILING TYPE 7, TYP (MOD)
 ⑧ CONCRETE BARRIER TYPE 732 SIDEWALK
 ⑨ CONCRETE BARRIER TYPE 732, TYP



DE LA CRUZ BLVD

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 83 OF 253

RECORD PERM SUBMITTAL
 MAY 3, 2019
 NOT FOR CONSTRUCTION

HNTB

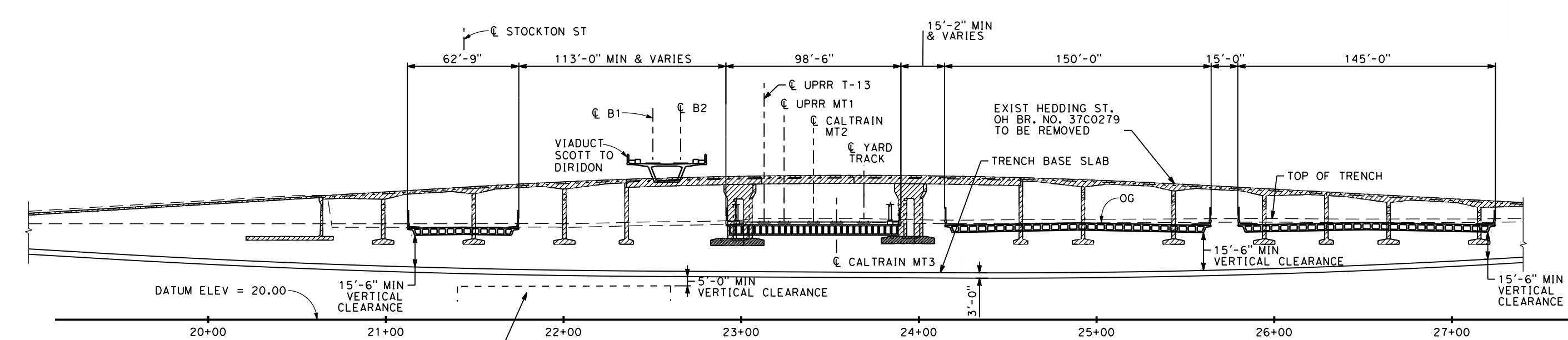
1111 Broadway
 9th Floor
 Oakland, CA 94607

CALIFORNIA
 High-Speed Rail Authority

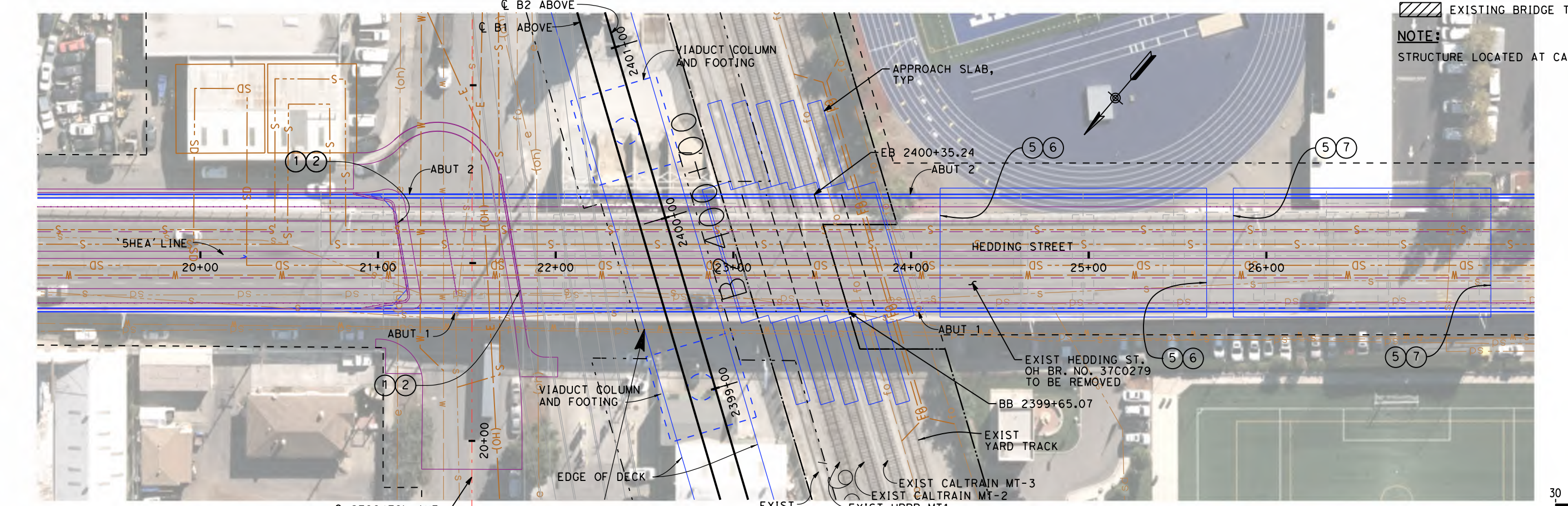
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 VIADUCT TO SCOTT BLVD
 OVERPASSES AND UNDERPASSES
 DE LA CRUZ BLVD BRIDGES

CONTRACT NO. HSR15-34
 DRAWING NO. ST-T0251
 SCALE: AS SHOWN
 SHEET NO.

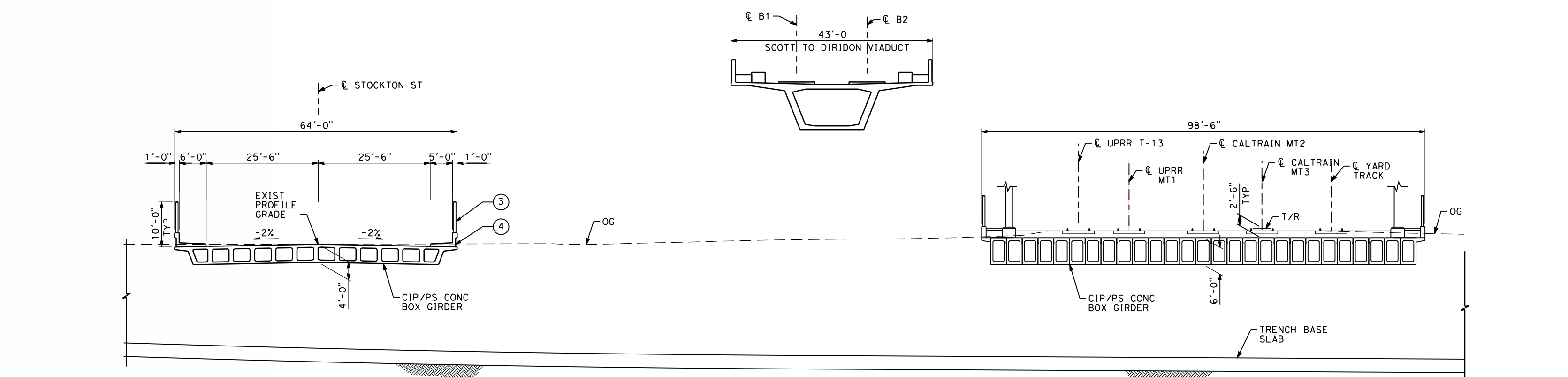
NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.



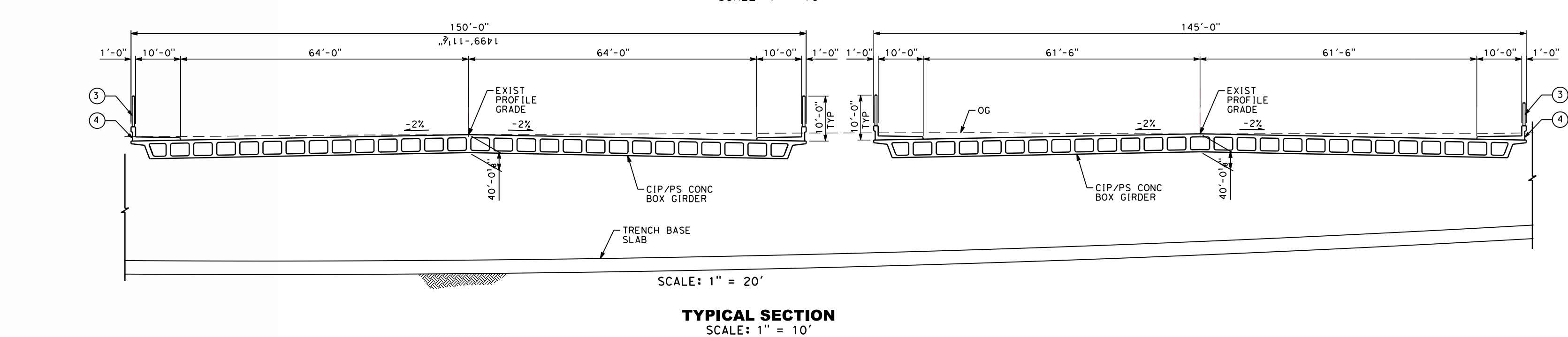
LEGEND:
 — EXISTING STRUCTURE
 — NEW CONSTRUCTION
 ▨ EXISTING BRIDGE TO BE REMOVED
NOTE:
 STRUCTURE LOCATED AT CALTRAIN MP 46.2.



SCALE: 1" = 30'



LEGEND:
 — EXISTING STRUCTURE
 — NEW CONSTRUCTION
 ▨ EXISTING BRIDGE TO BE REMOVED
 ① PAINT "STOCKTON ST UC"
 ② PAINT "BRIDGE NO. XX-XXXX"
 ③ CHAIN LINK RAILING TYPE 7, TYP (MOD)
 ④ CONCRETE BARRIER TYPE 732, TYP
 ⑤ PAINT "XX UC"
 ⑥ PAINT "BRIDGE NO. XX-XXXX"
 ⑦ PAINT "BRIDGE NO. XX-XXXX"



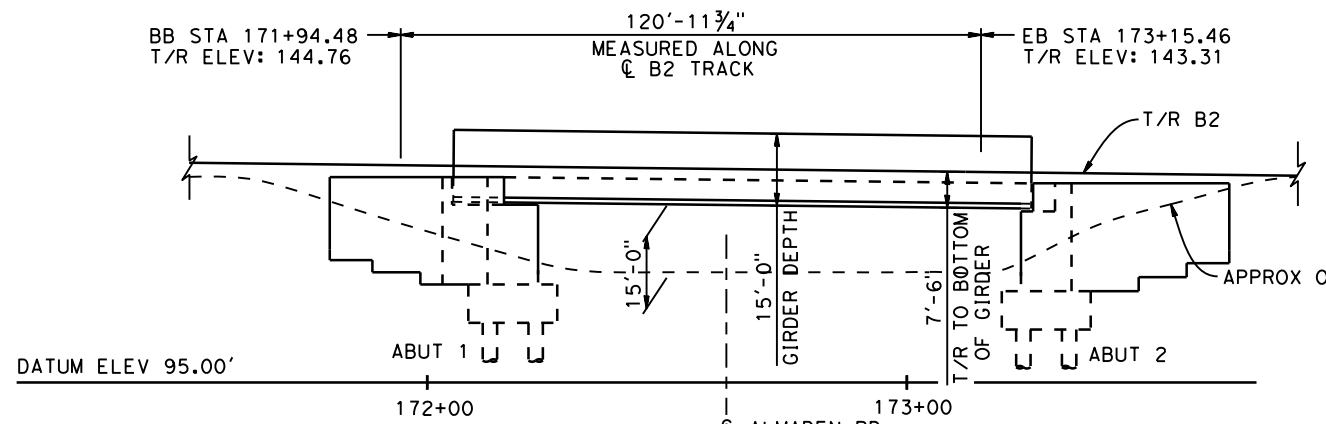
LEGEND:
 — EXISTING STRUCTURE
 — NEW CONSTRUCTION
 ▨ EXISTING BRIDGE TO BE REMOVED
 ① PAINT "STOCKTON ST UC"
 ② PAINT "BRIDGE NO. XX-XXXX"
 ③ CHAIN LINK RAILING TYPE 7, TYP (MOD)
 ④ CONCRETE BARRIER TYPE 732, TYP
 ⑤ PAINT "XX UC"
 ⑥ PAINT "BRIDGE NO. XX-XXXX"
 ⑦ PAINT "BRIDGE NO. XX-XXXX"

NOTE:
STRUCTURE LOCATED AT CALTRAIN MP 46.2.

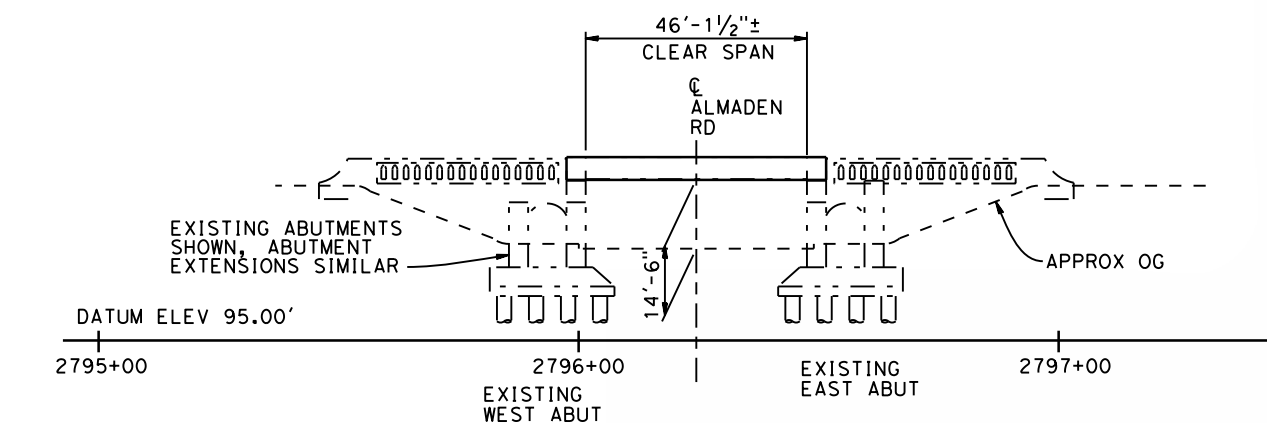
WEST HEDDING ST. BRIDGES

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 84 OF 253**

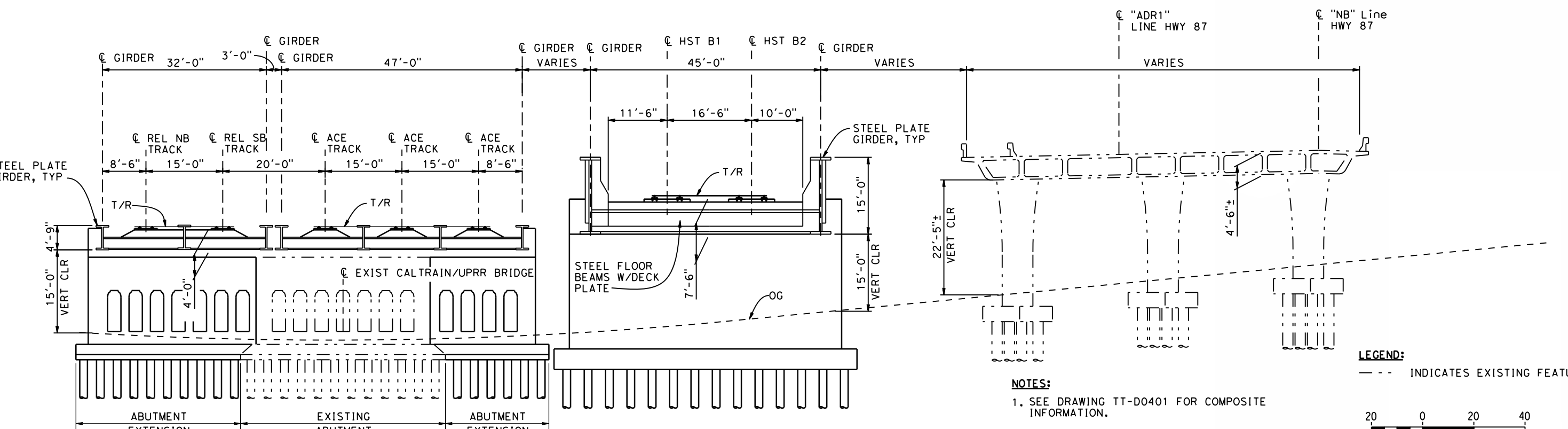
RECORD PERP SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOSE DIRIDON STATION APPROACH VIADUCT TO SCOTT BLVD OVERPASSES AND UNDERPASSES WEST HEDDING STREET BRIDGES	CONTRACT NO. HSR15-34 DRAWING NO. ST-T0252 SCALE: AS SHOWN SHEET NO.
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ELEVATION - HST BRIDGE
SCALE: 1"=20'
(SKEW NOT SHOWN)

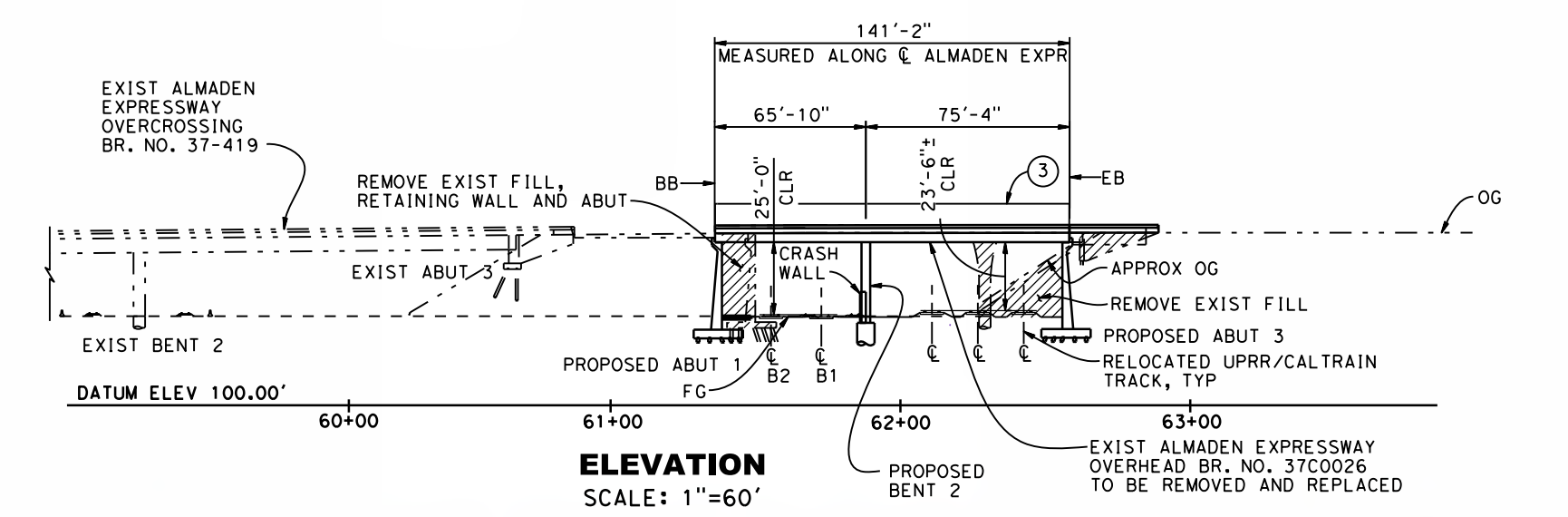
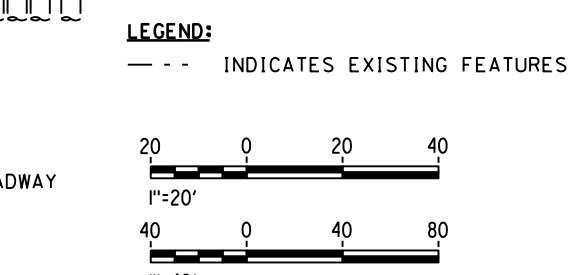


ELEVATION - CALTRAIN/UPRR BRIDGE
SCALE: 1"=20'
(SKEW NOT SHOWN)

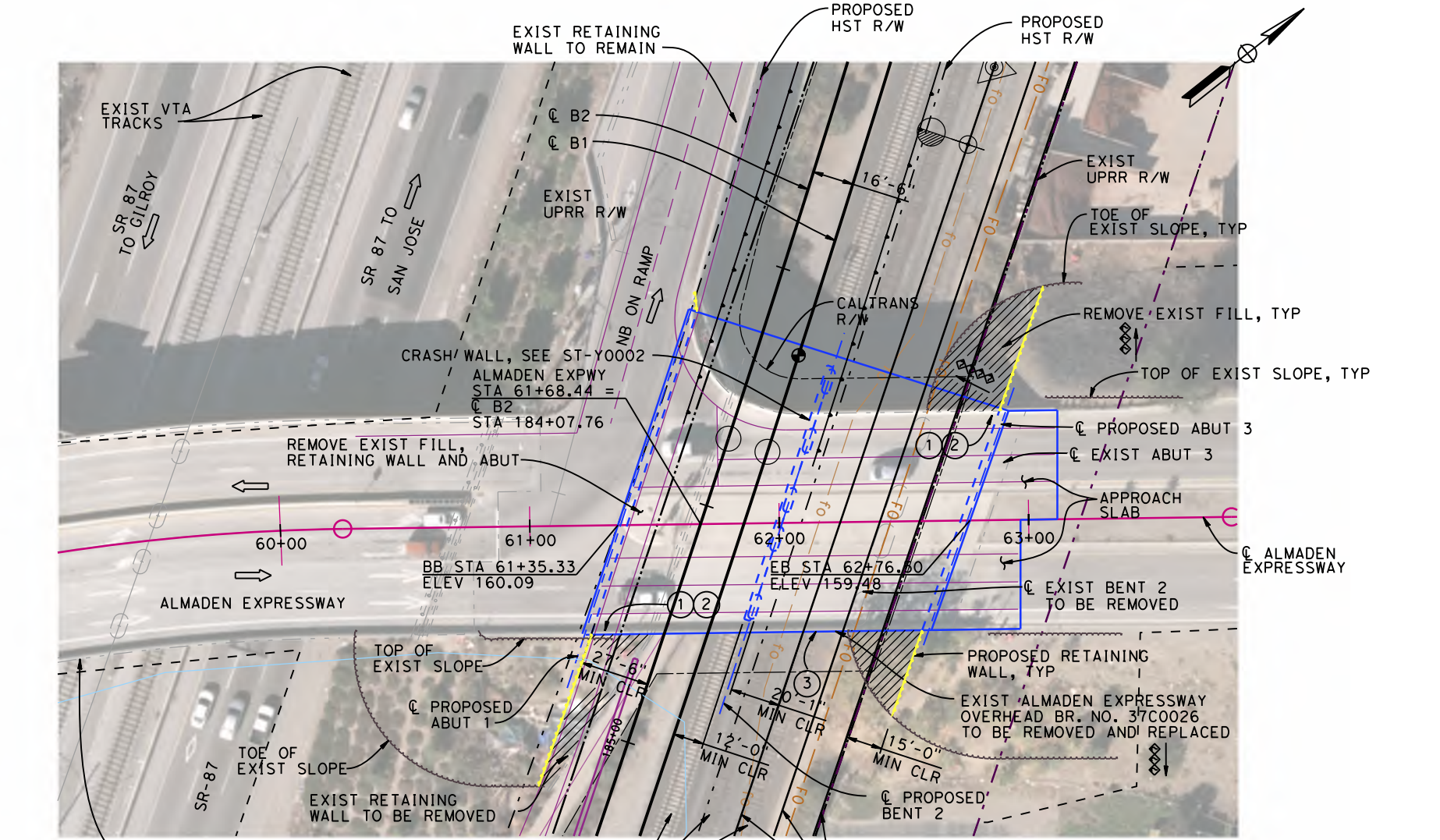


SECTION
SCALE 1"=40'

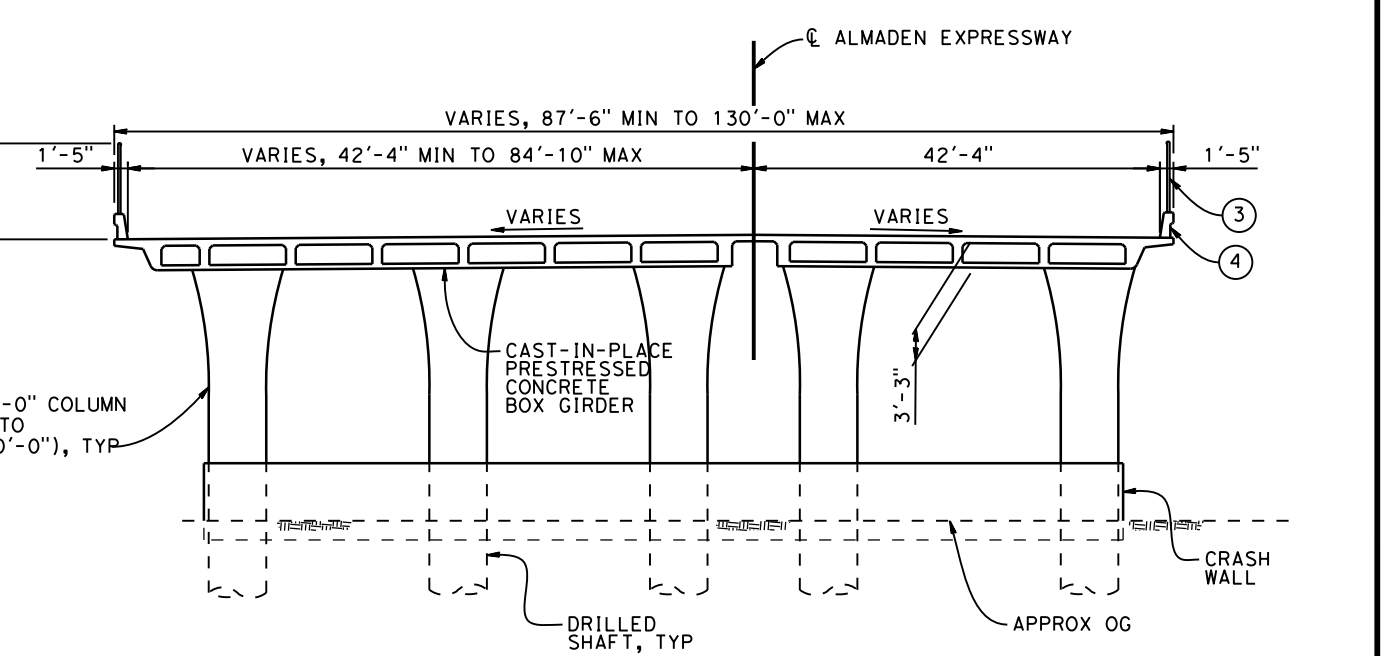
- NOTES:**
- SEE DRAWING TT-D0401 FOR COMPOSITE INFORMATION.
 - SEE DRAWING CV-T0402 FOR CIVIL AND ROADWAY INFORMATION.
 - FOR STAGING PLANS SEE CIVIL AND GRADE SEPARATION PLANS.



ELEVATION
SCALE: 1"=60'



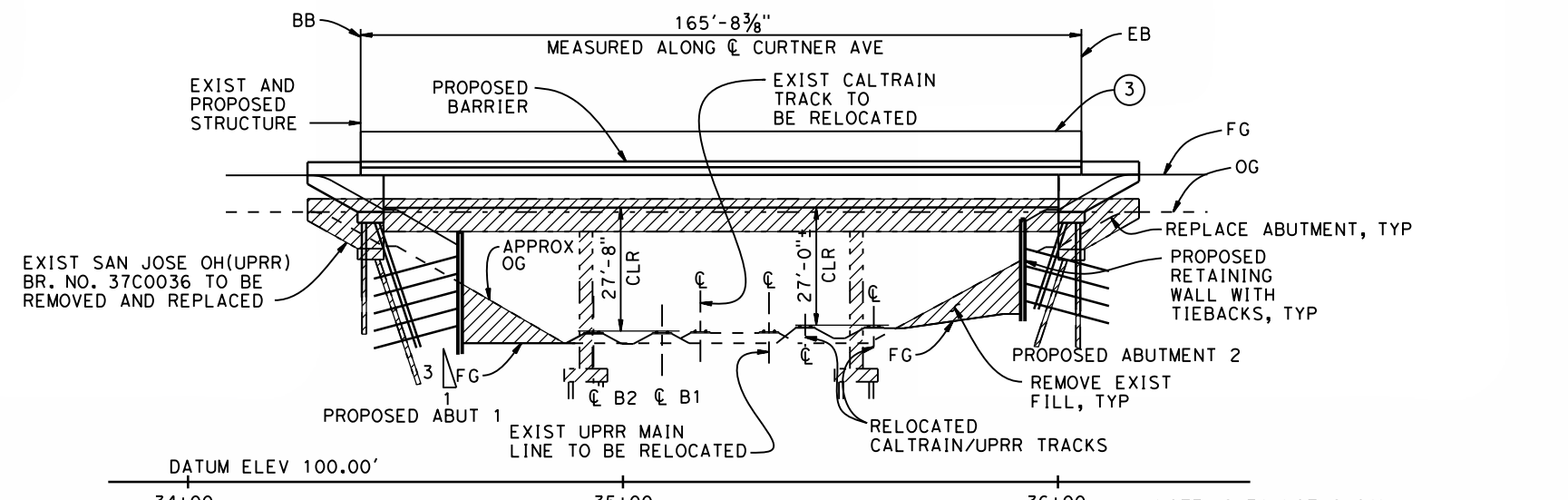
PLAN - ALMADEN EXPRESSWAY
SCALE: 1"=60'



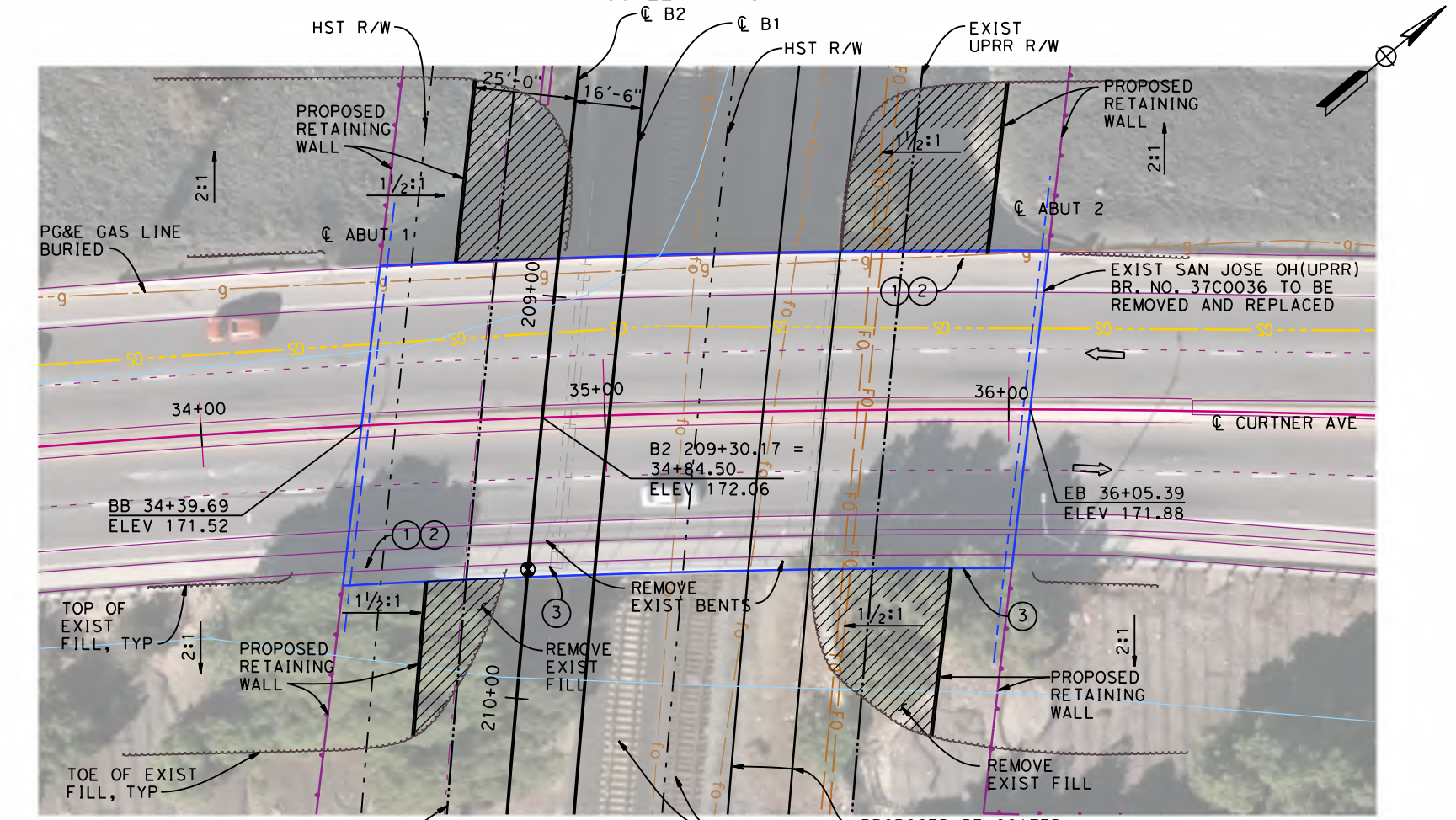
TYPICAL SECTION
SCALE: 1"=20'

- LEGEND:**
- INDICATES POINT OF MINIMUM VERTICAL CLEARANCE
 - ➔ INDICATES DIRECTION OF TRAFFIC
 - - - INDICATES EXISTING FEATURES
 - ▨ INDICATES LIMITS OF REMOVAL
 - ① PAINT "ALMADEN EXPRESSWAY OVERHEAD"
 - ② PAINT "BRIDGE NO. XX-XXXX"
 - ③ CHAIN LINK RAILING TYPE 7, TYP (MOD)
 - ④ CONCRETE BARRIER TYPE 732, TYP

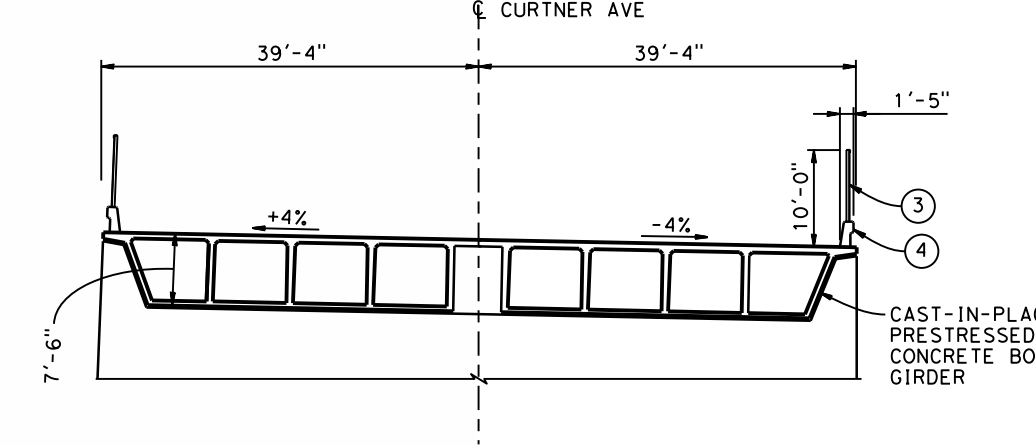
- NOTES:**
- SEE DRAWING TT-D0401 FOR COMPOSITE INFORMATION.
 - FOR STAGING PLANS SEE CIVIL AND GRADE SEPARATION PLANS.



ELEVATION
SCALE: 1"=40'



PLAN - CURTNER AVENUE
SCALE: 1"=40'



TYPICAL SECTION
SCALE: 1"=20'

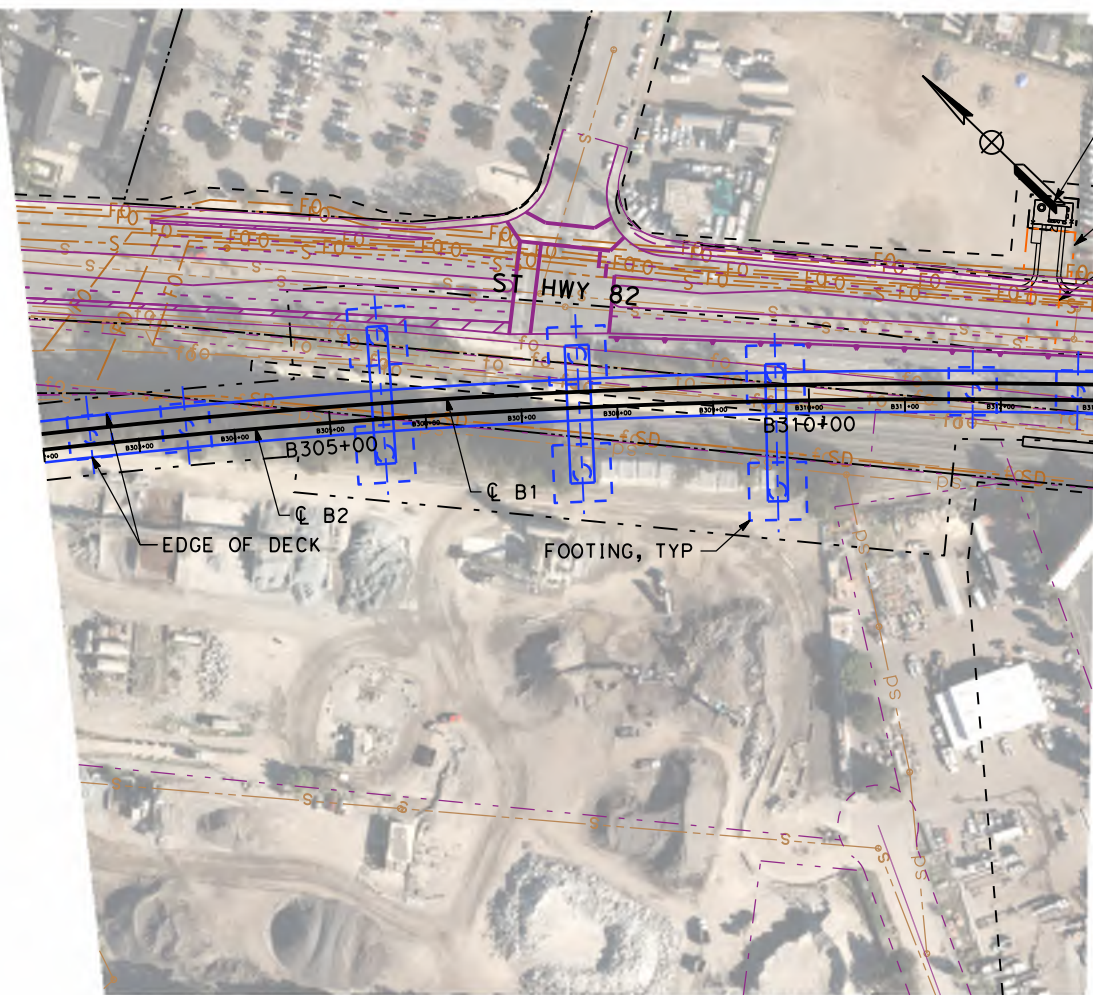
- LEGEND:**
- INDICATES POINT OF MINIMUM VERTICAL CLEARANCE
 - ➔ INDICATES DIRECTION OF TRAFFIC
 - - - INDICATES EXISTING FEATURES
 - ▨ INDICATES LIMITS OF REMOVAL
 - ① PAINT "CURTNER AVENUE OVERHEAD"
 - ② PAINT "BRIDGE NO. XX-XXXX"
 - ③ CHAIN LINK RAILING TYPE 7, TYP (MOD)
 - ④ CONCRETE BARRIER TYPE 732, TYP

- NOTES:**
- SEE DRAWING TT-D0401 FOR COMPOSITE INFORMATION.
 - SEE DRAWING CV-T0402 FOR CIVIL AND ROADWAY INFORMATION.
 - FOR STAGING PLANS SEE CIVIL AND GRADE SEPARATION PLANS.

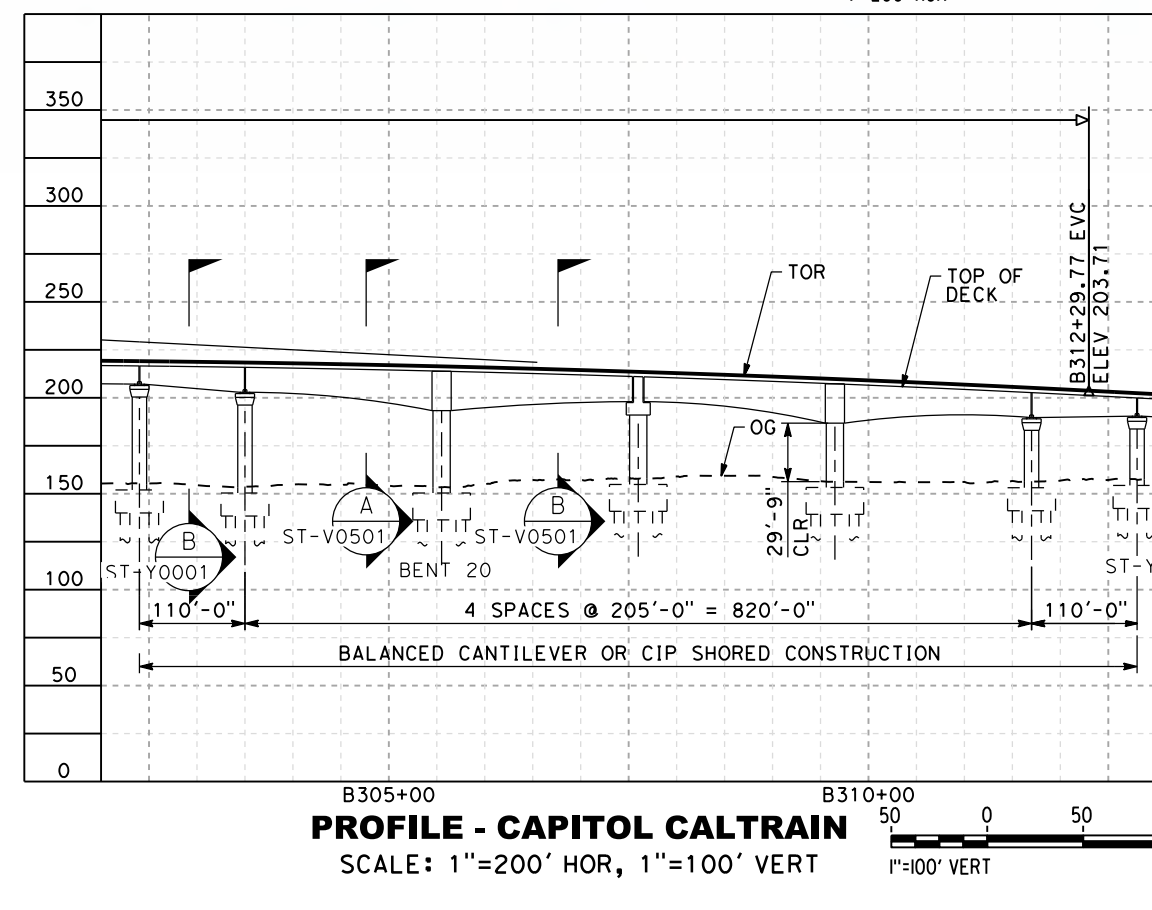
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 85 OF 253

RECORD PERP SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MONTEREY CORRIDOR VIADUCT AT-GRADE OVERPASSES AND UNDERPASSES GENERAL PLAN	CONTRACT NO. HSR15-34 DRAWING NO. ST-T0401 SCALE AS SHOWN SHEET NO.
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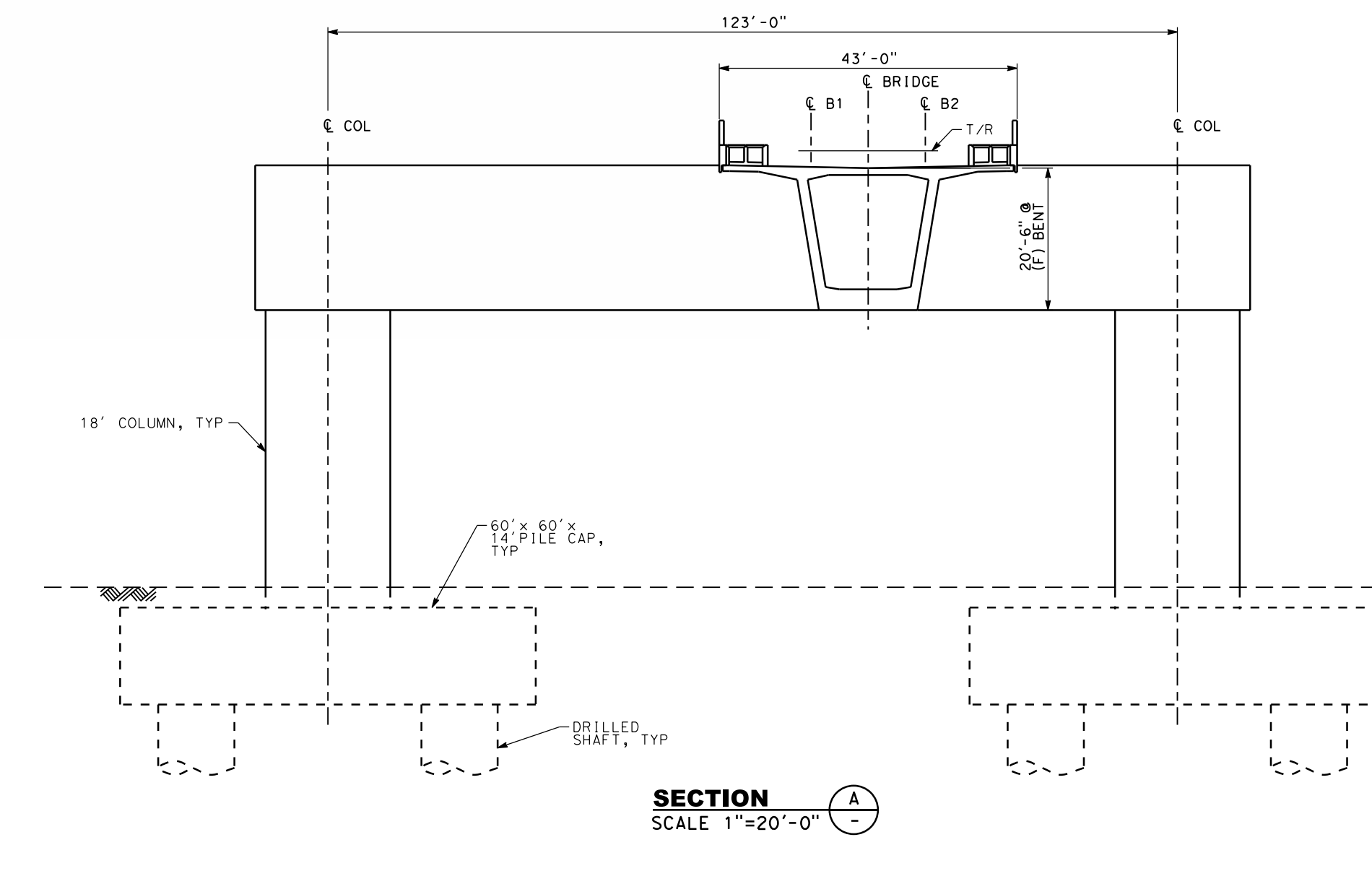
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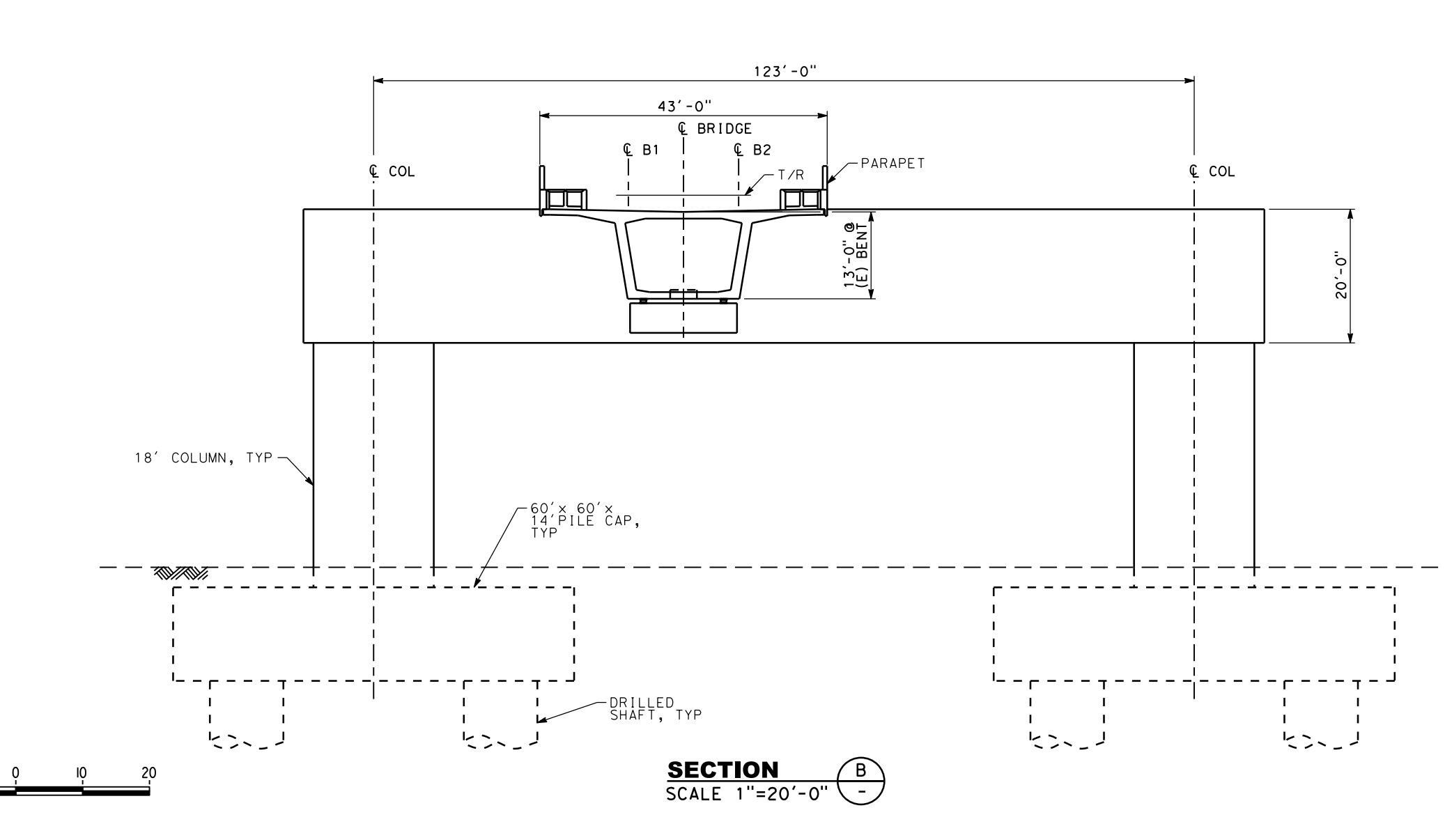
PLAN - CAPITOL CALTRAIN
SCALE: 1"=200'



PROFILE - CAPITOL CALTRAIN
SCALE: 1"=200' HOR, 1"=100' VERT



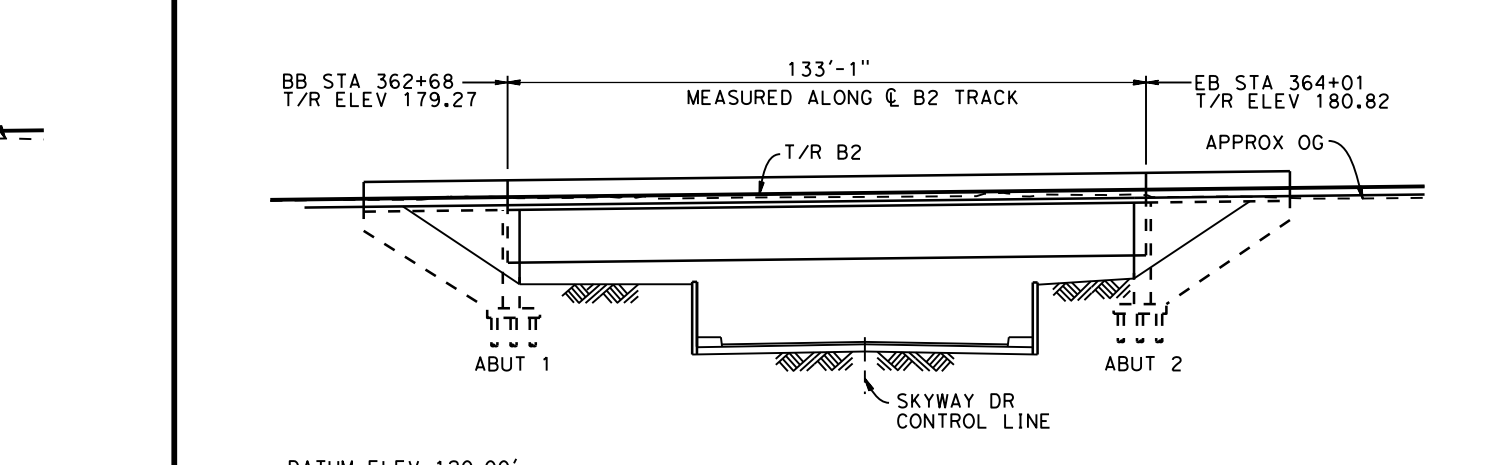
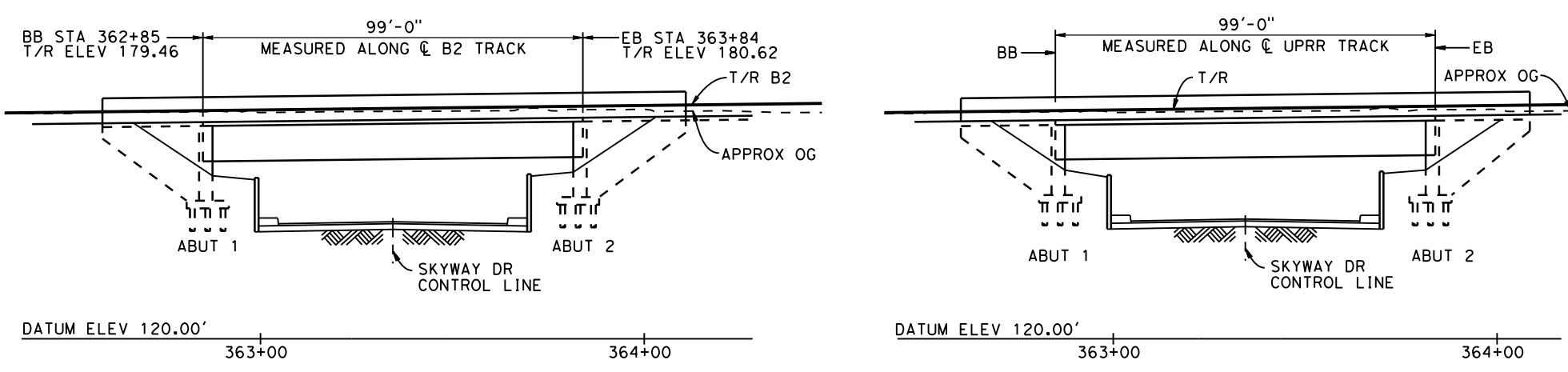
SECTION A
SCALE: 1"=20'-0"



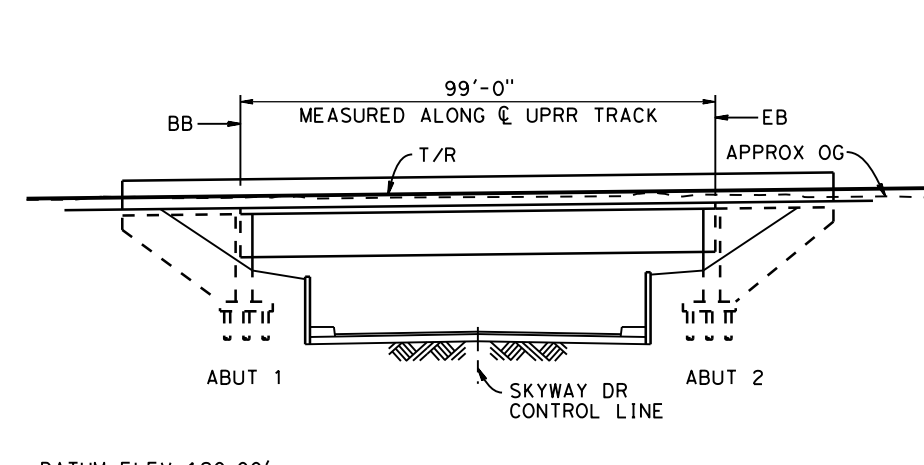
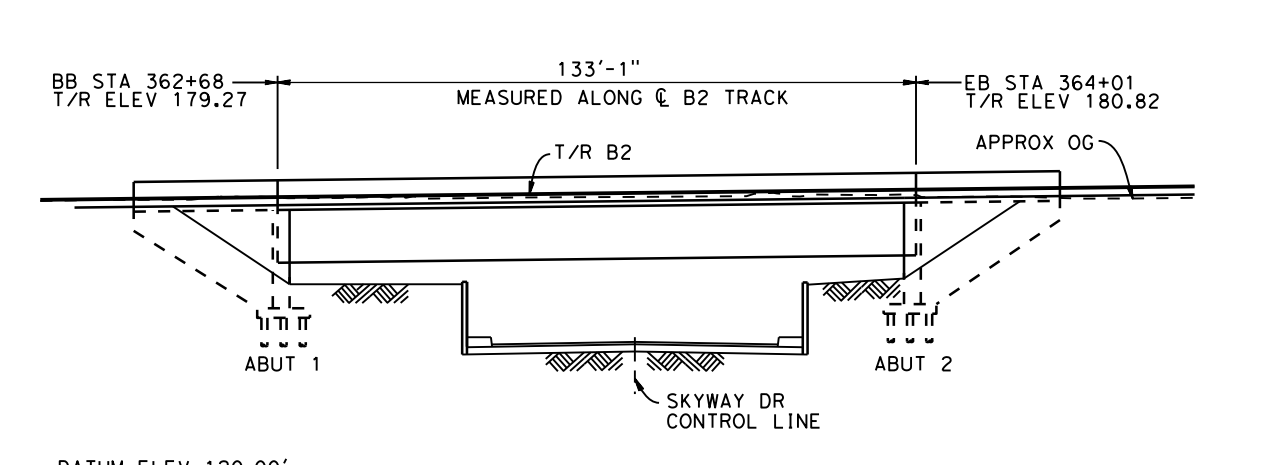
SECTION B
SCALE: 1"=20'-0"

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATE RECORD PEPP SUBMITTAL
BOO MAY 3, 2019
SHEET 86 OF 253

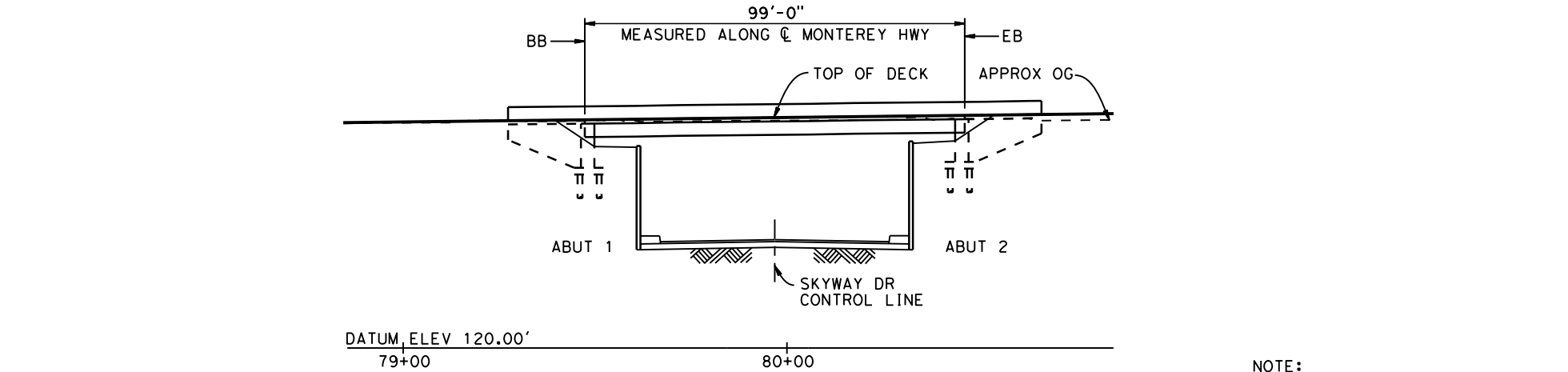
RECORD PEPP SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MONTEREY CORRIDOR AT-GRADE COMPLEX STRUCTURES GENERAL PLAN	CONTRACT NO. HSR15-34 DRAWING NO. ST-V0501 SCALE AS SHOWN SHEET NO.
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DEVELOPED ELEVATION - HST BRIDGE
ELEVATION - UPRR BRIDGE



DEVELOPED ELEVATION - HST BRIDGE
ELEVATION - UPRR BRIDGE

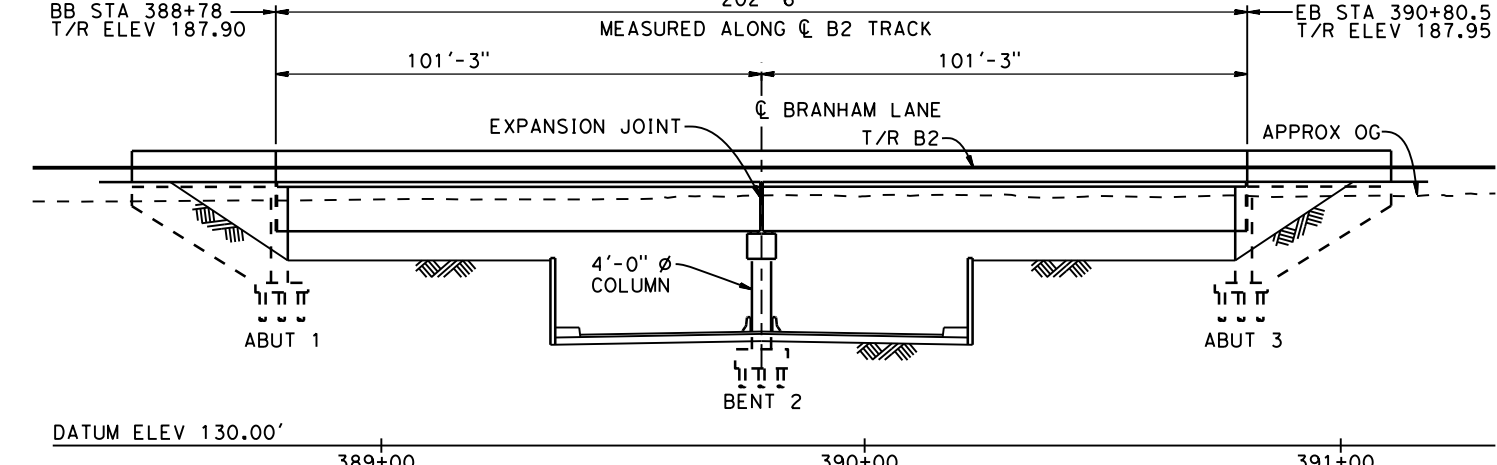


ELEVATION - MONTEREY HWY BRIDGE

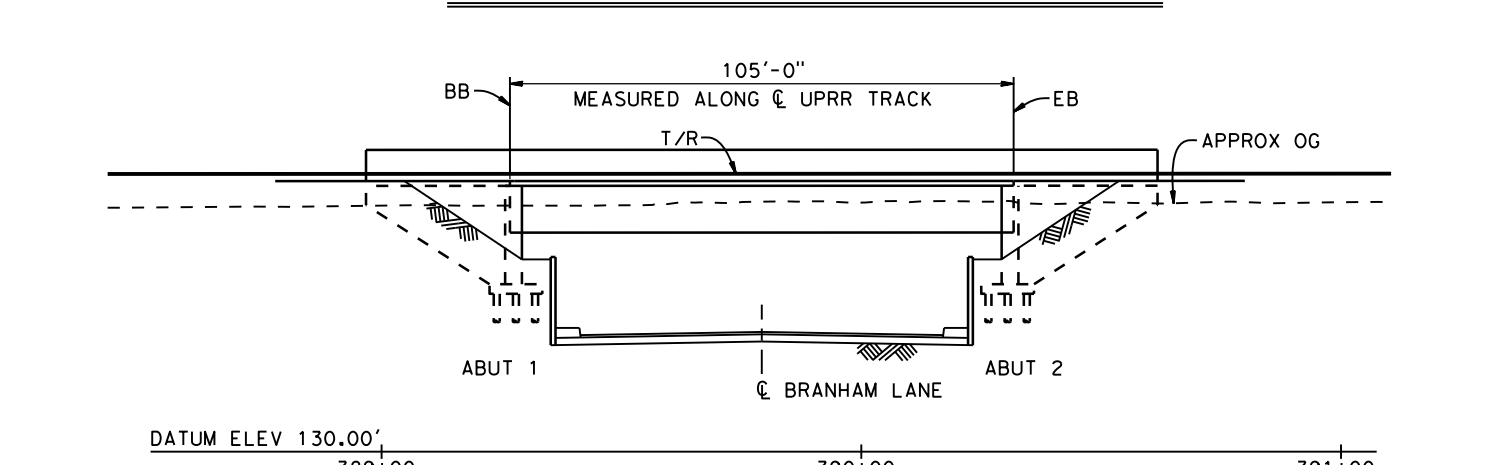
NOTE:
FOR VERTICAL CLEARANCES SEE CV-T0501



NOTE:
FOR VERTICAL CLEARANCES SEE CV-T0502

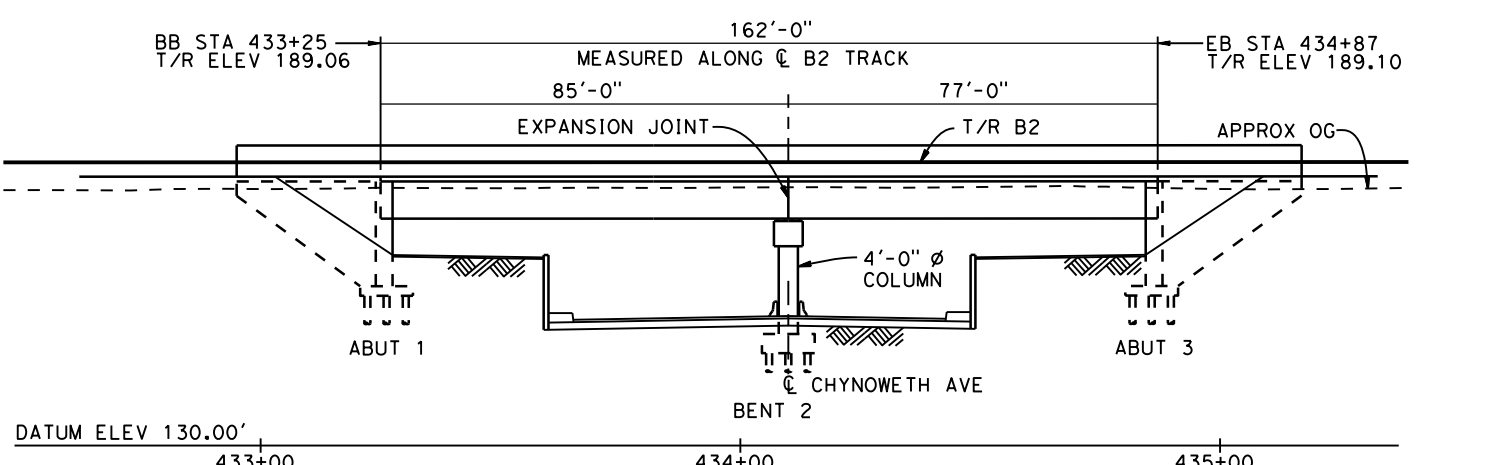
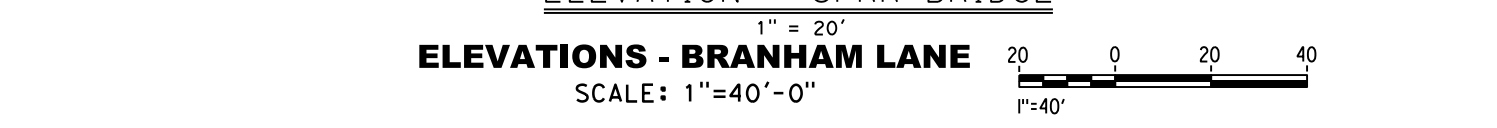


DEVELOPED ELEVATION - HST BRIDGE

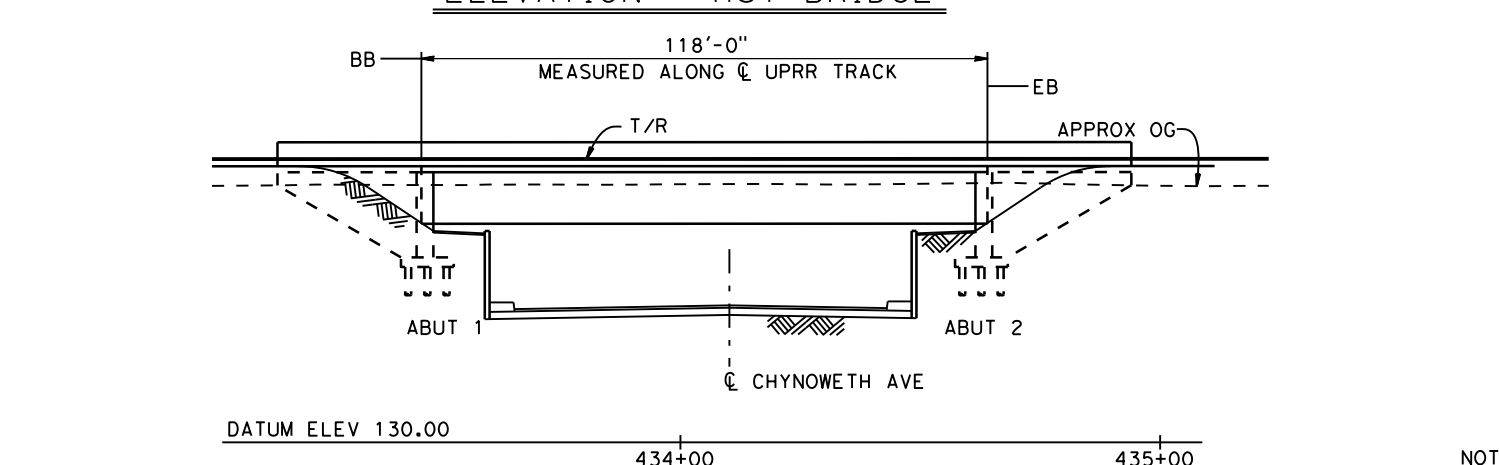


ELEVATION - UPRR BRIDGE

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T0503

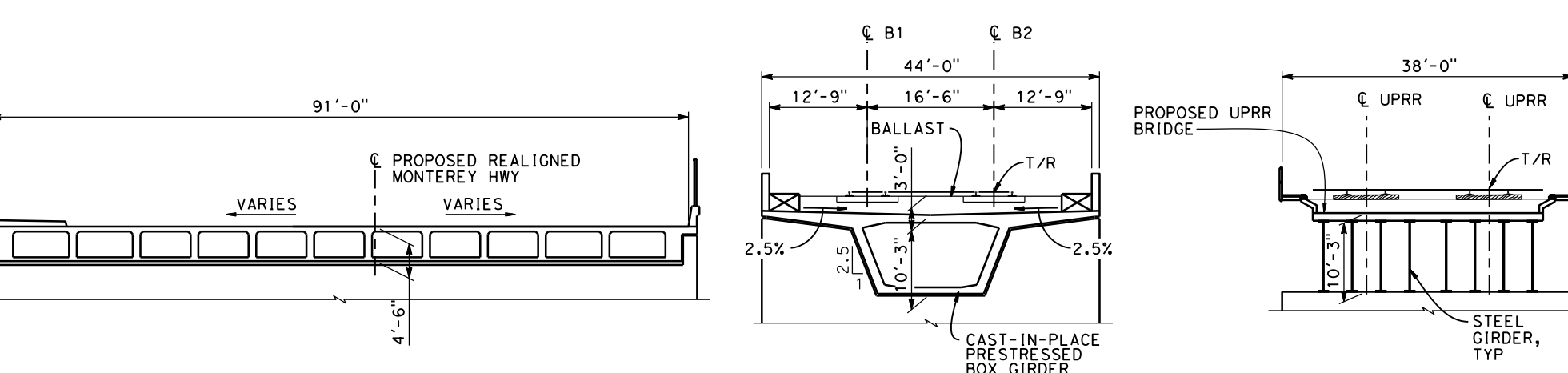
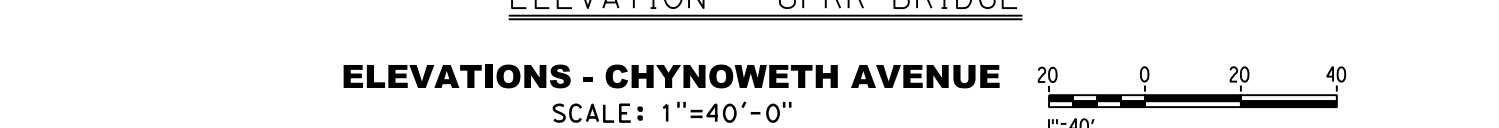


ELEVATION - HST BRIDGE

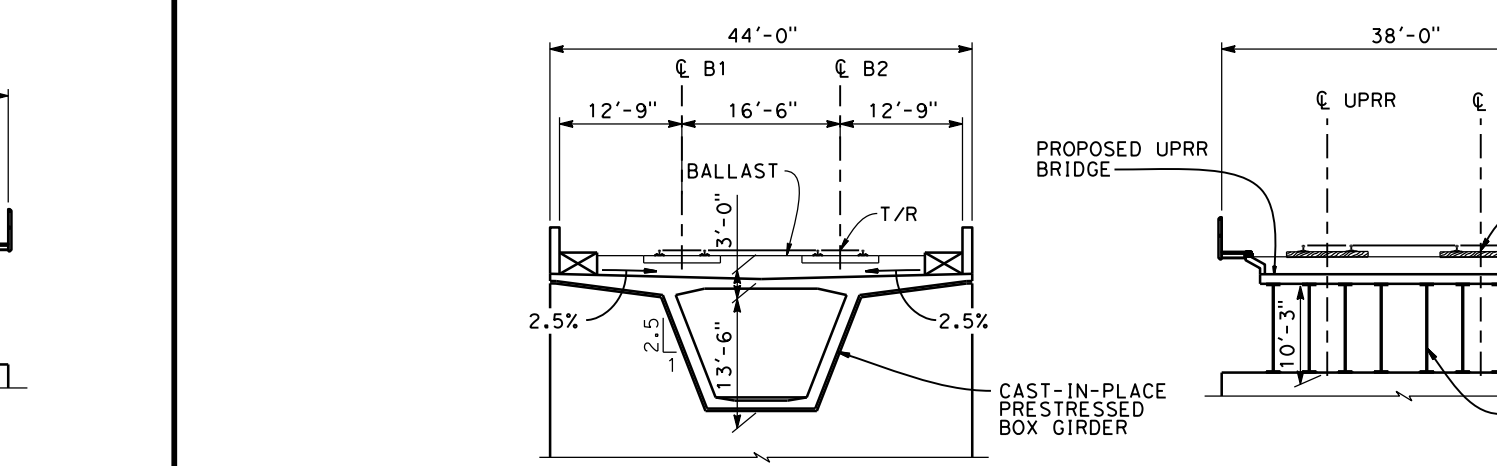


ELEVATION - UPRR BRIDGE

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T0504



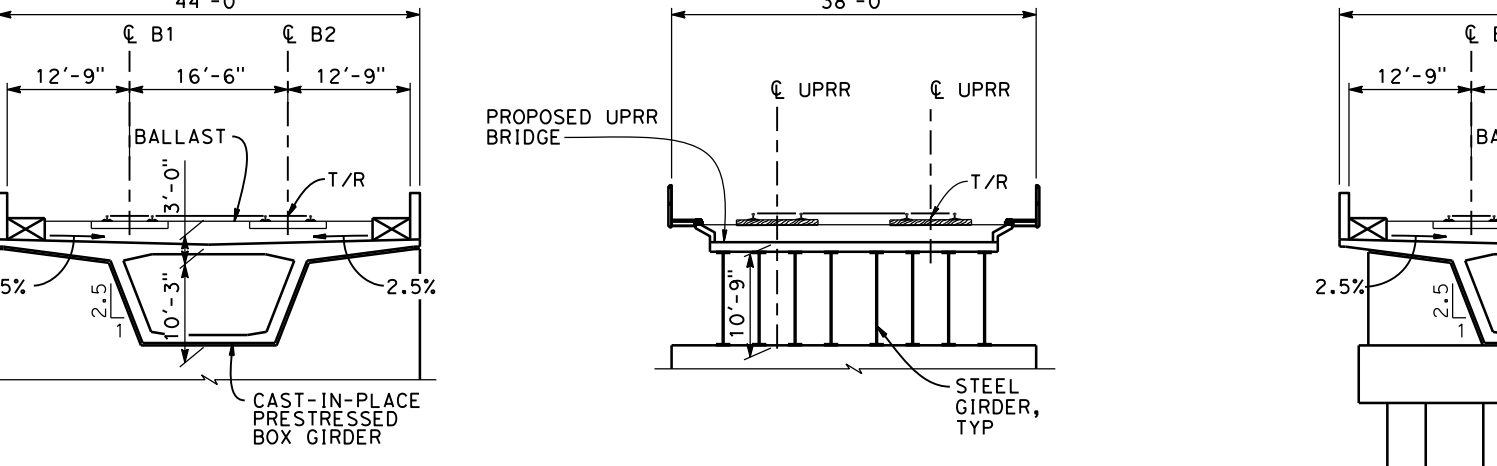
SECTION - MONTEREY HWY



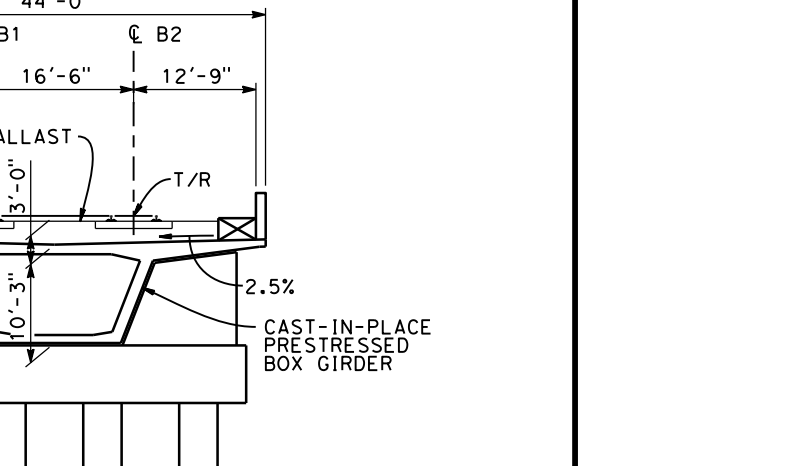
SECTION - HST



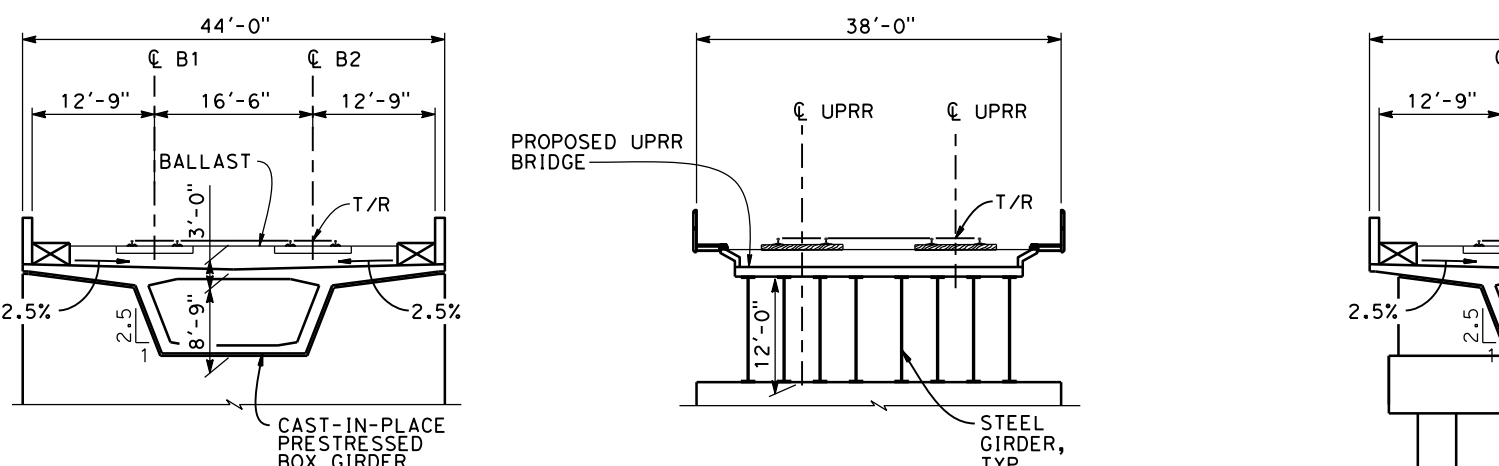
SECTION - UPRR



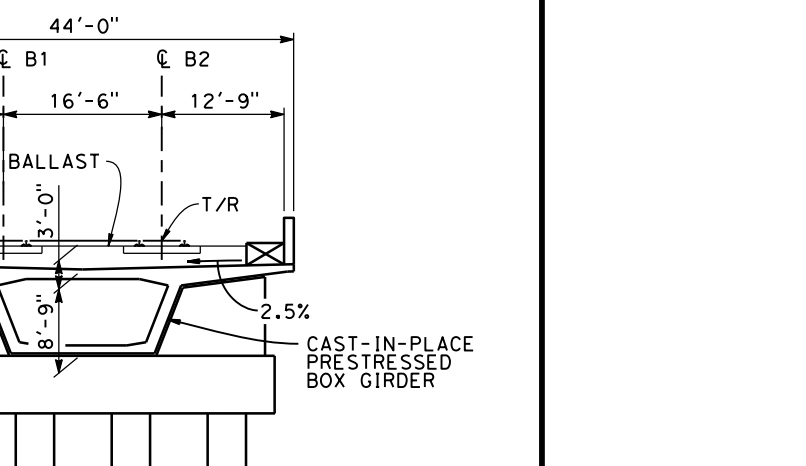
SECTION - HST



SECTION - UPRR



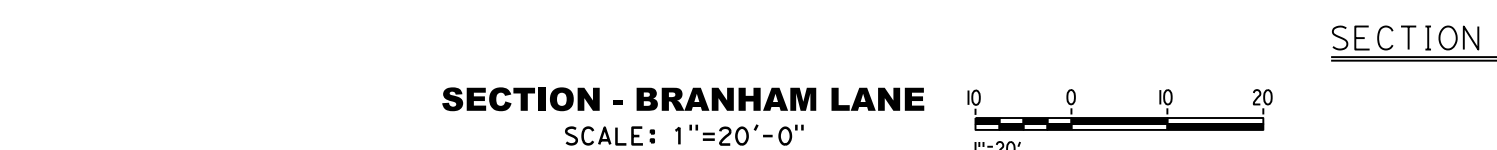
SECTION - HST



SECTION - UPRR



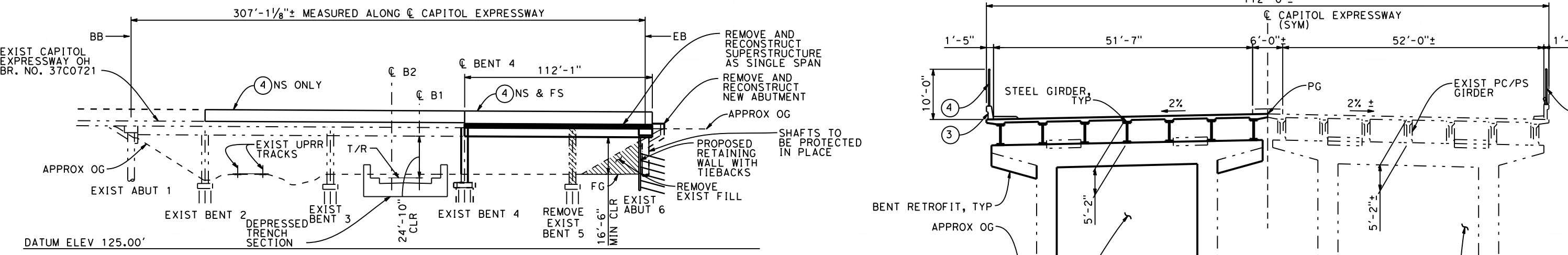
SECTION - BENT 2 HST



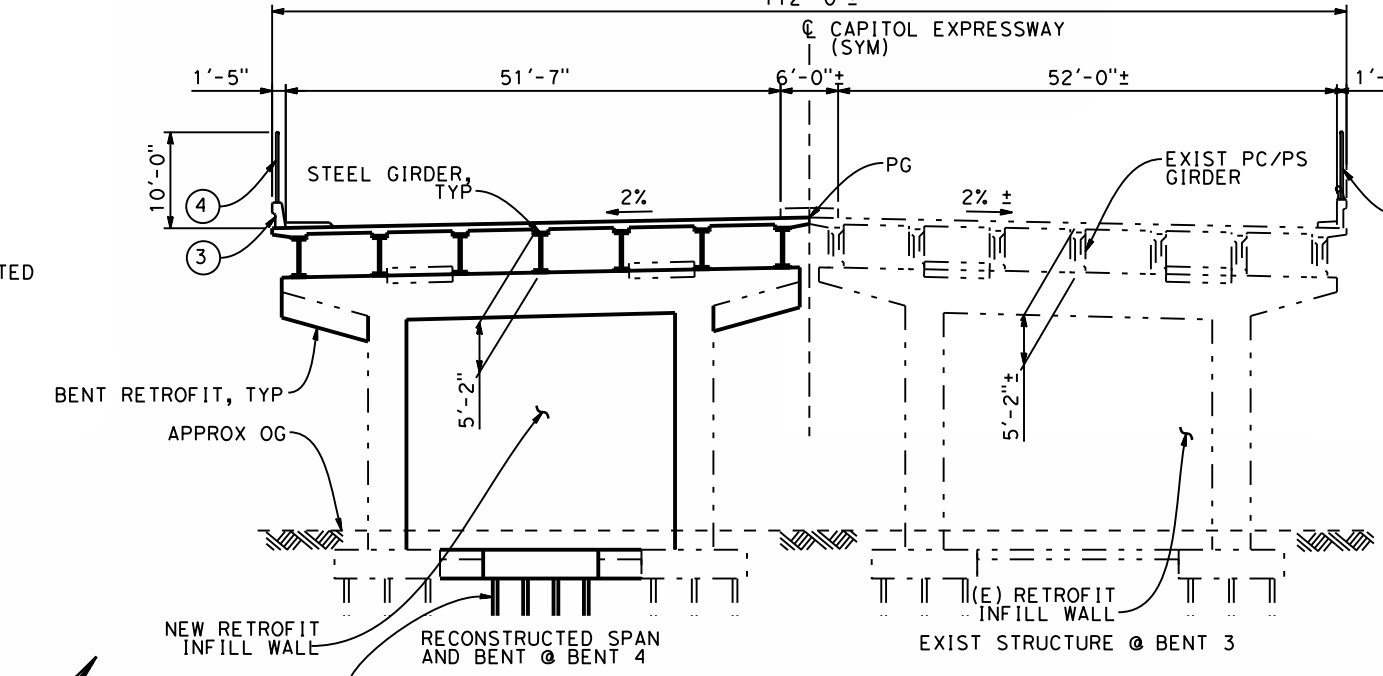
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 87 OF 253

RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MONTEREY CORRIDOR AT-GRADE UNDERPASSES GENERAL PLAN	CONTRACT NO. HSR15-34 DRAWING NO. ST-T0501 SCALE AS SHOWN SHEET NO.
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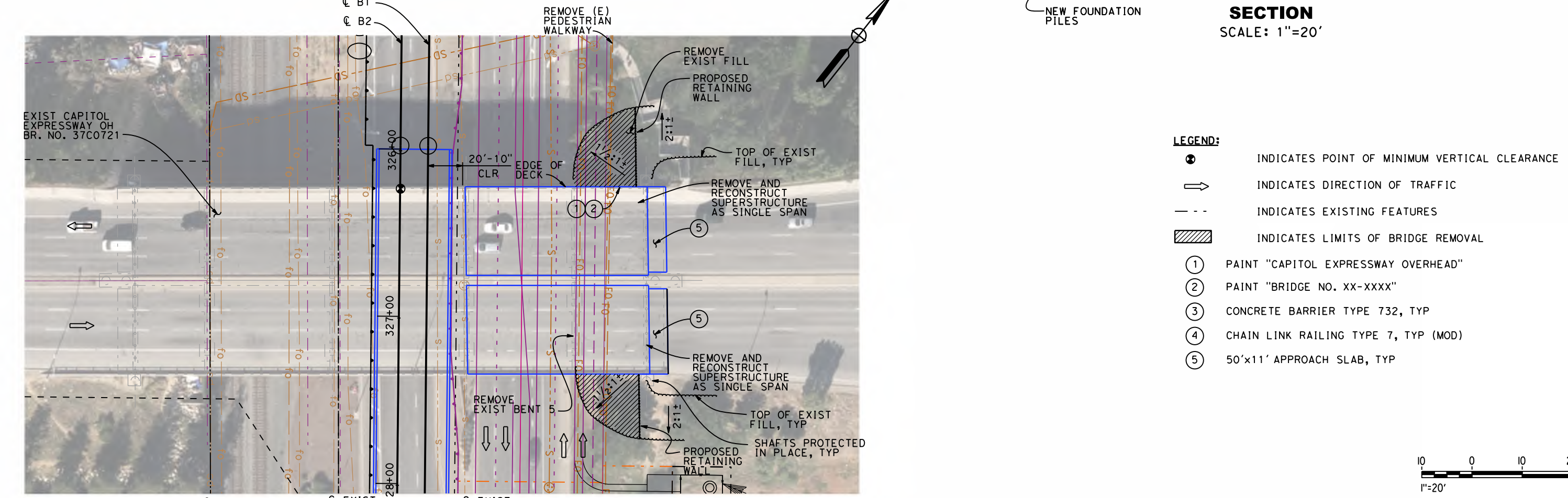
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ELEVATION - CAPITOL EXPRESSWAY
SCALE: 1"=60'

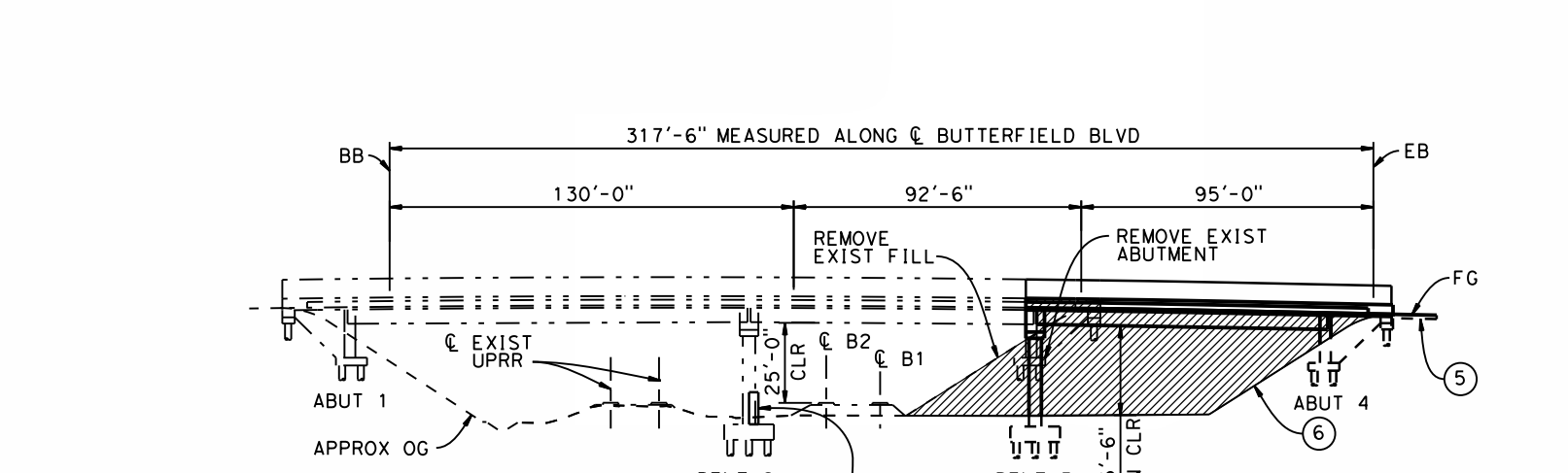
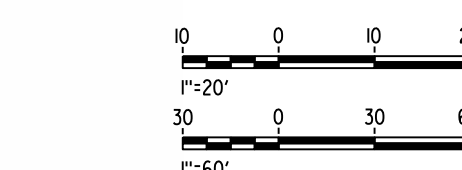


SECTION
SCALE: 1"=20'

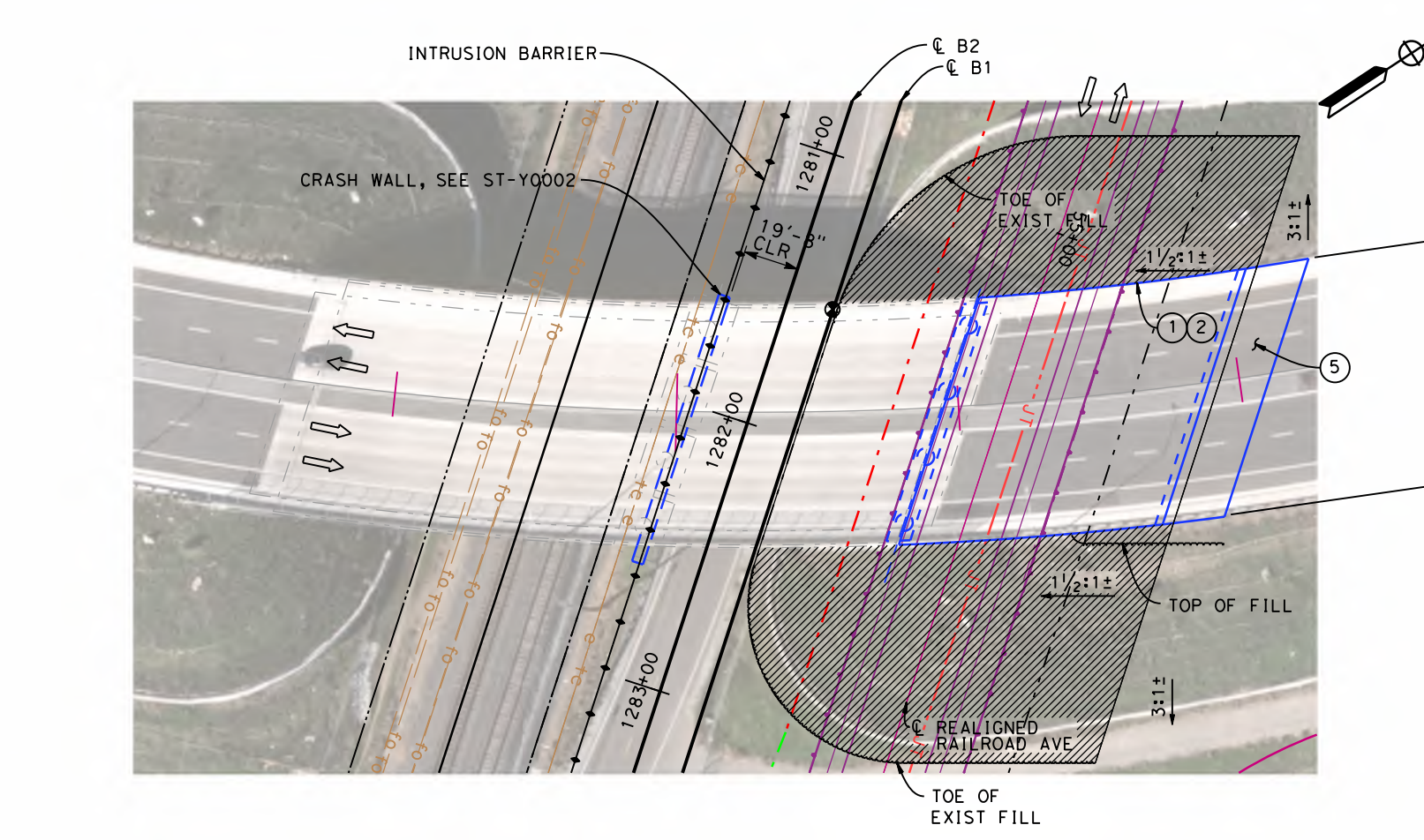


PLAN - CAPITOL EXPRESSWAY
SCALE: 1"=60'

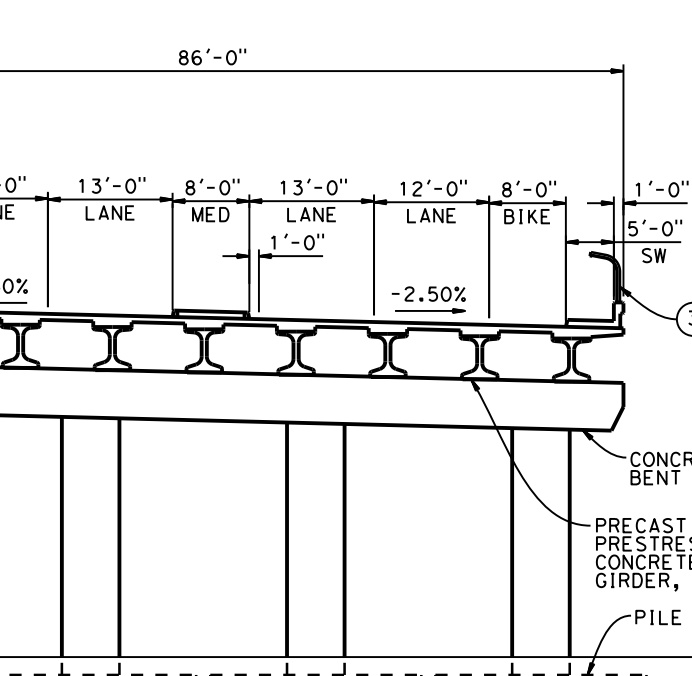
- LEGEND:**
- INDICATES POINT OF MINIMUM VERTICAL CLEARANCE
 - INDICATES DIRECTION OF TRAFFIC
 - - - INDICATES EXISTING FEATURES
 - ▨ INDICATES LIMITS OF BRIDGE REMOVAL
 - ① PAINT "CAPITOL EXPRESSWAY OVERHEAD"
 - ② PAINT "BRIDGE NO. XX-XXXX"
 - ③ CONCRETE BARRIER TYPE 732, TYP
 - ④ CHAIN LINK RAILING TYPE 7, TYP (MOD)
 - ⑤ 50'x11' APPROACH SLAB, TYP



ELEVATION - BUTTERFIELD BOULEVARD
SCALE: 1"=60'

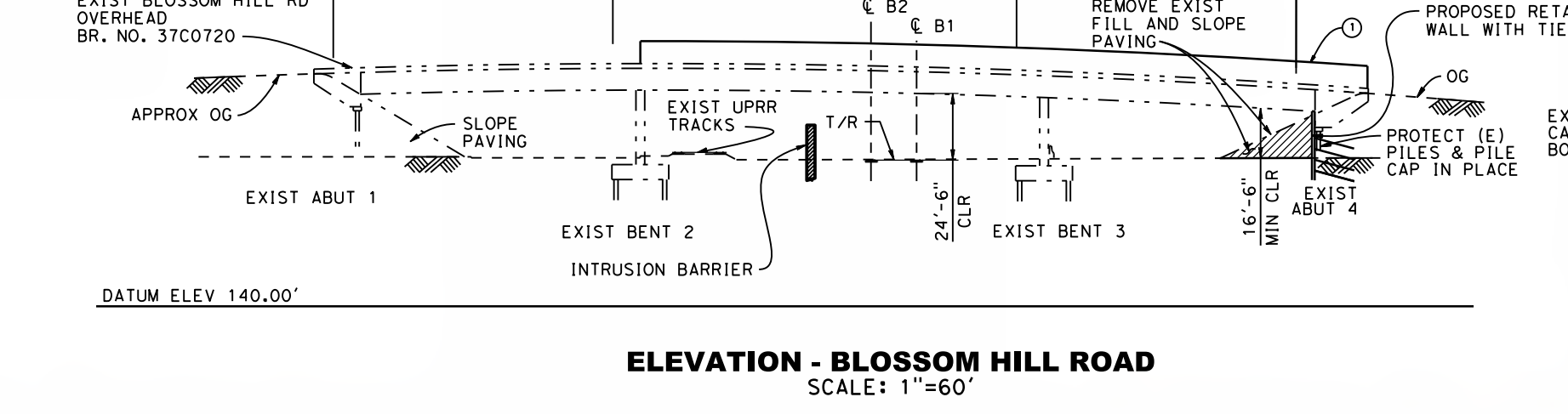
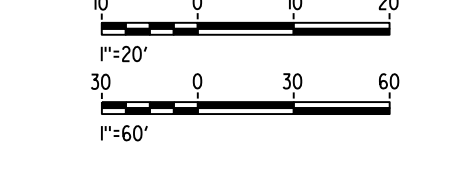


PLAN - BUTTERFIELD BOULEVARD
SCALE: 1"=60'

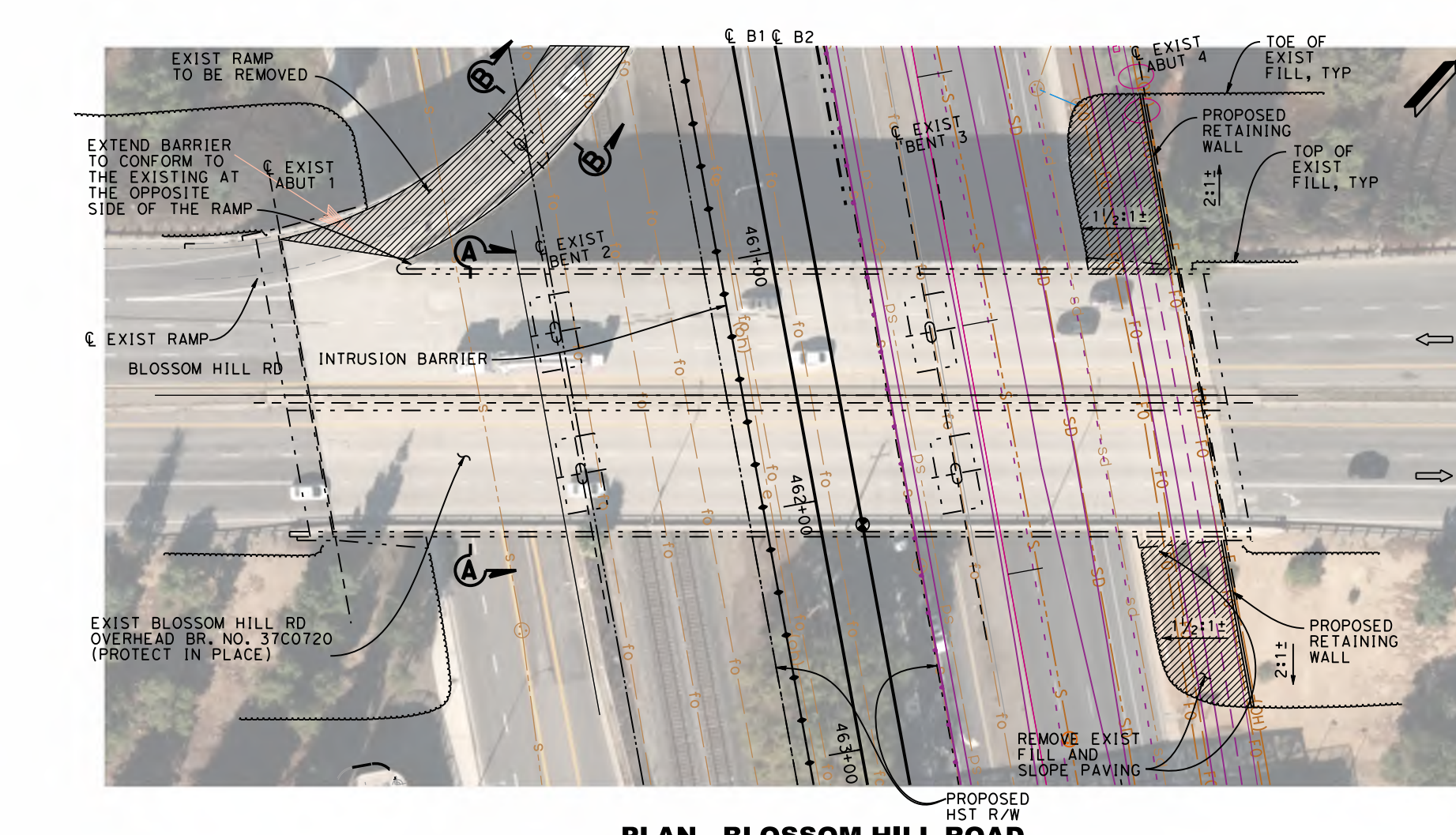


SECTION @ BENT 3
SCALE: 1"=20'

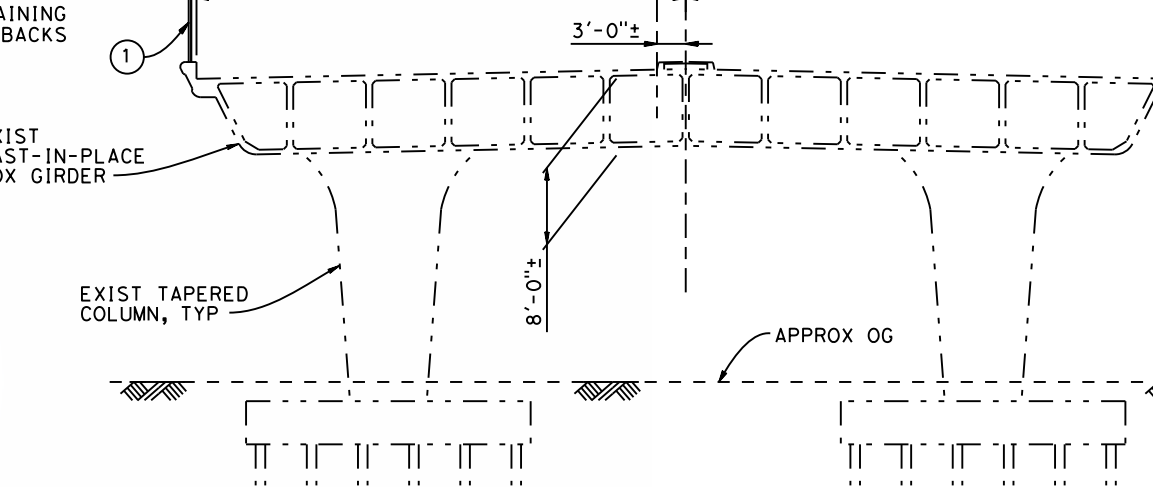
- LEGEND:**
- INDICATES POINT OF MINIMUM VERTICAL CLEARANCE
 - INDICATES DIRECTION OF TRAFFIC
 - - - INDICATES EXISTING FEATURES
 - ▨ INDICATES LIMITS OF BRIDGE REMOVAL
 - ① PAINT "BUTTERFIELD BLVD OVERHEAD"
 - ② PAINT "BRIDGE NO. XX-XXXX"
 - ③ CHAIN LINK RAILING TYPE 7
 - ④ CONCRETE BARRIER TYPE 26
 - ⑤ STRUCTURE APPROACH
 - ⑥ SLOPE PAVING (1 1/2'H: 1V), TYP



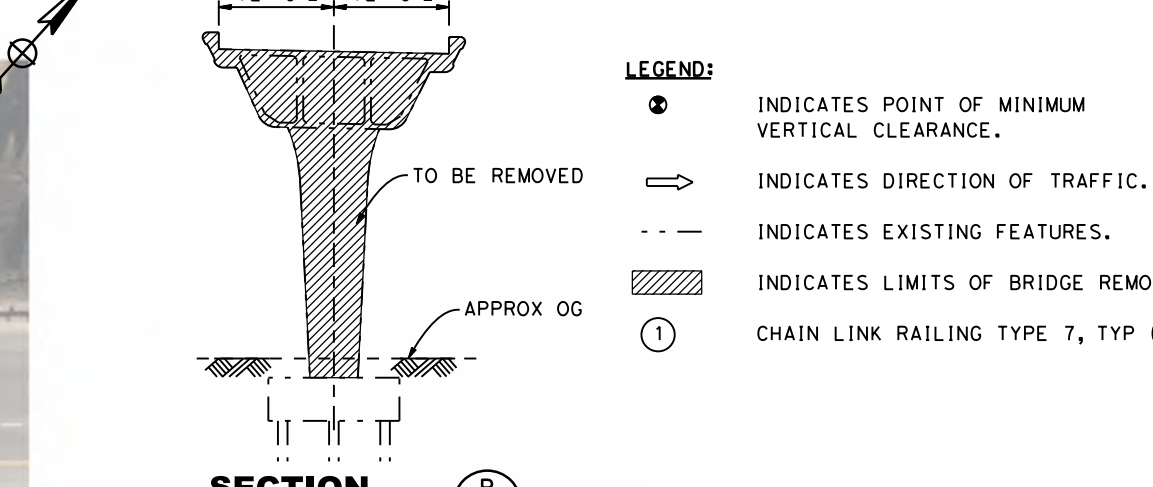
ELEVATION - BLOSSOM HILL ROAD
SCALE: 1"=60'



PLAN - BLOSSOM HILL ROAD
SCALE: 1"=60'

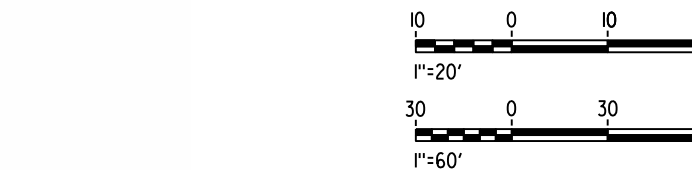


SECTION A
SCALE 1"=20'



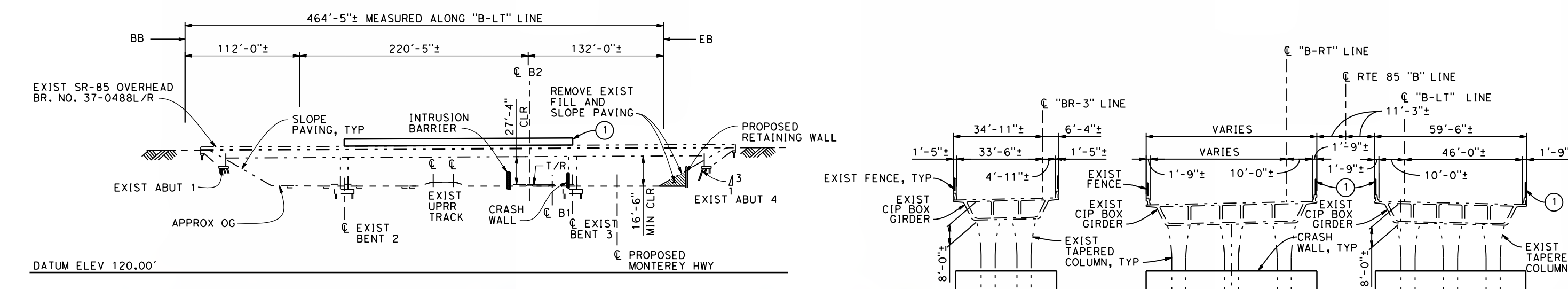
SECTION B
SCALE 1"=20'

- LEGEND:**
- INDICATES POINT OF MINIMUM VERTICAL CLEARANCE.
 - INDICATES DIRECTION OF TRAFFIC.
 - - - INDICATES EXISTING FEATURES.
 - ▨ INDICATES LIMITS OF BRIDGE REMOVAL.
 - ① CHAIN LINK RAILING TYPE 7, TYP (MOD)

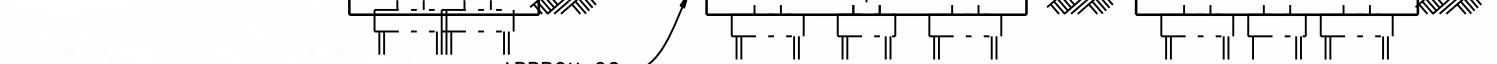


RECORD PEPD SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MONTEREY CORRIDOR AT-GRADE MODIFY EXISTING BRIDGES GENERAL PLAN 1 OF 2	CONTRACT NO. HSR15-34 DRAWING NO. ST-T0502 SCALE AS SHOWN SHEET NO.
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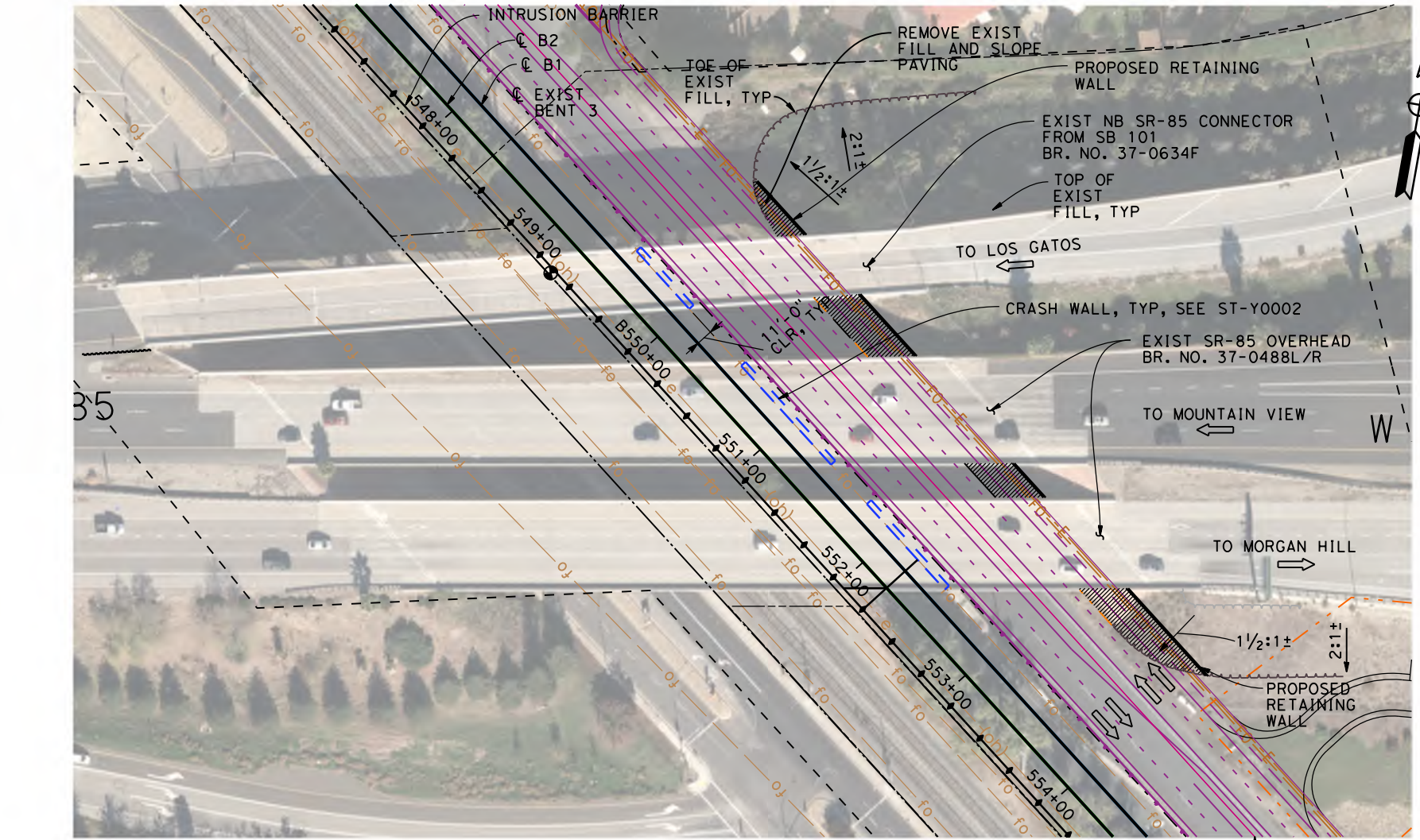
SAN JOSE TO CVY EIR/S: VOLUME III
ALTER RECORD PEPD SUBMITTAL
BOOK 100 OF 255
MAY 3, 2019



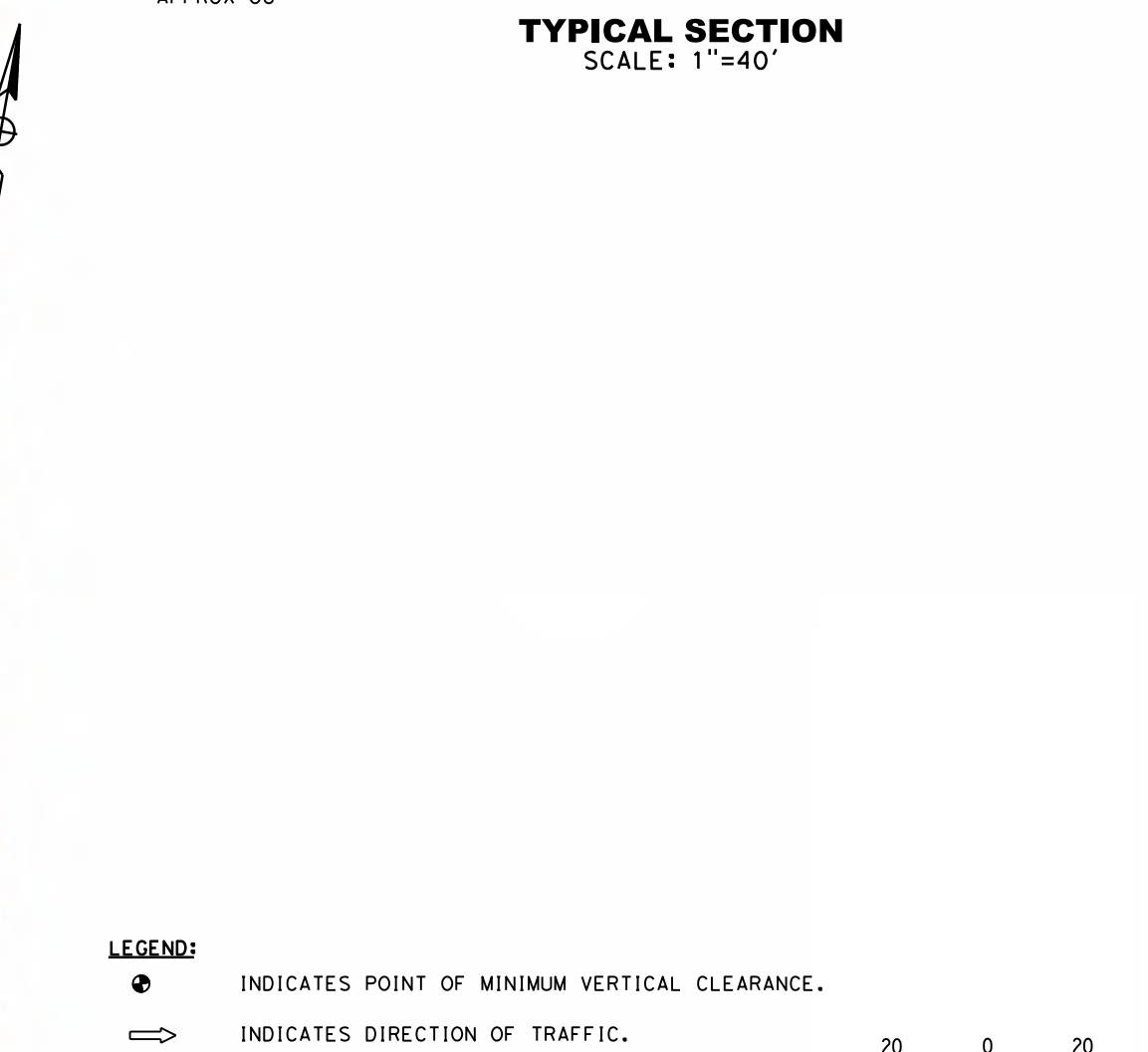
ELEVATION - STATE ROUTE 85
SCALE: 1"=100'



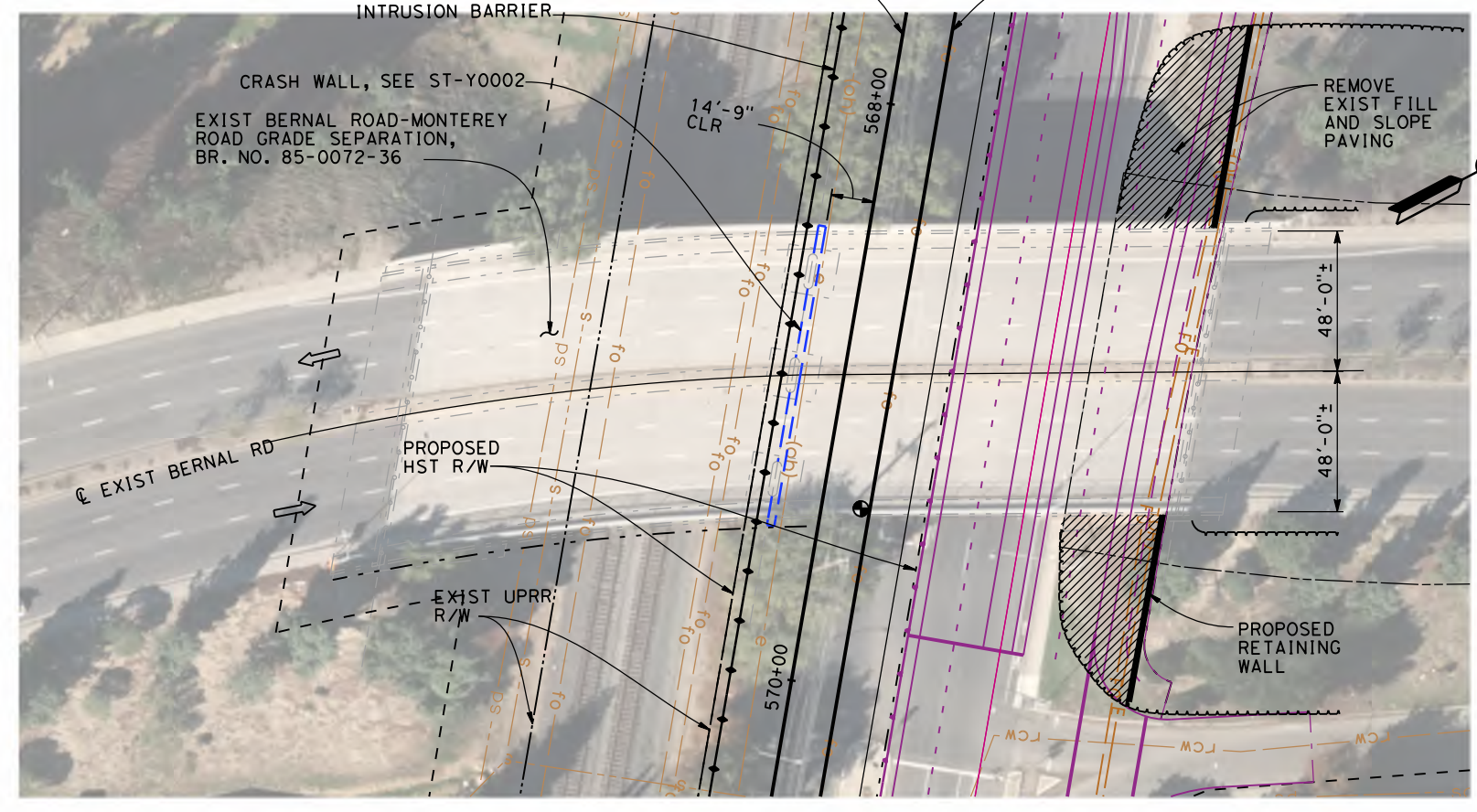
TYPICAL SECTION
SCALE: 1"=40'



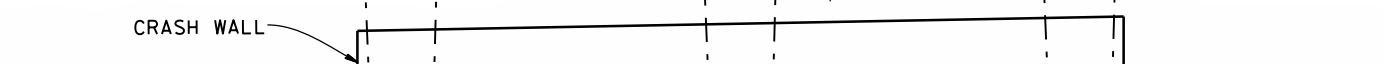
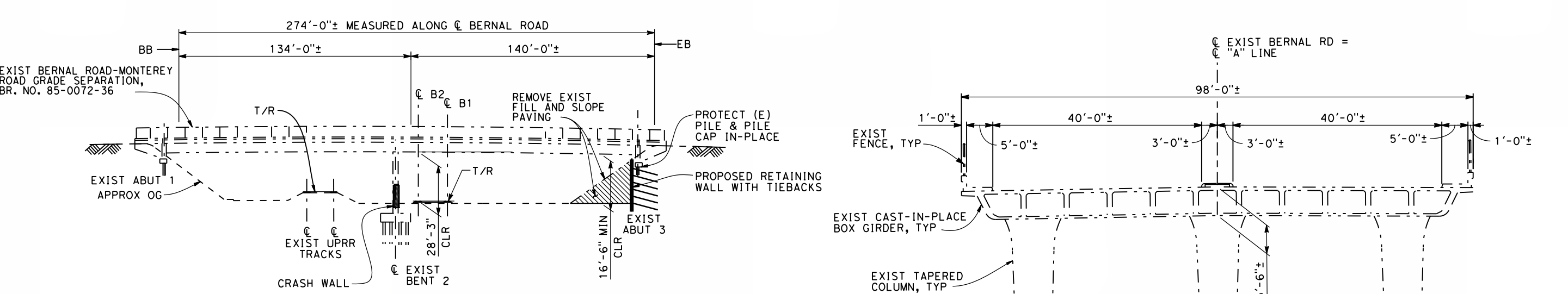
PLAN - STATE ROUTE 85
SCALE: 1"=100'



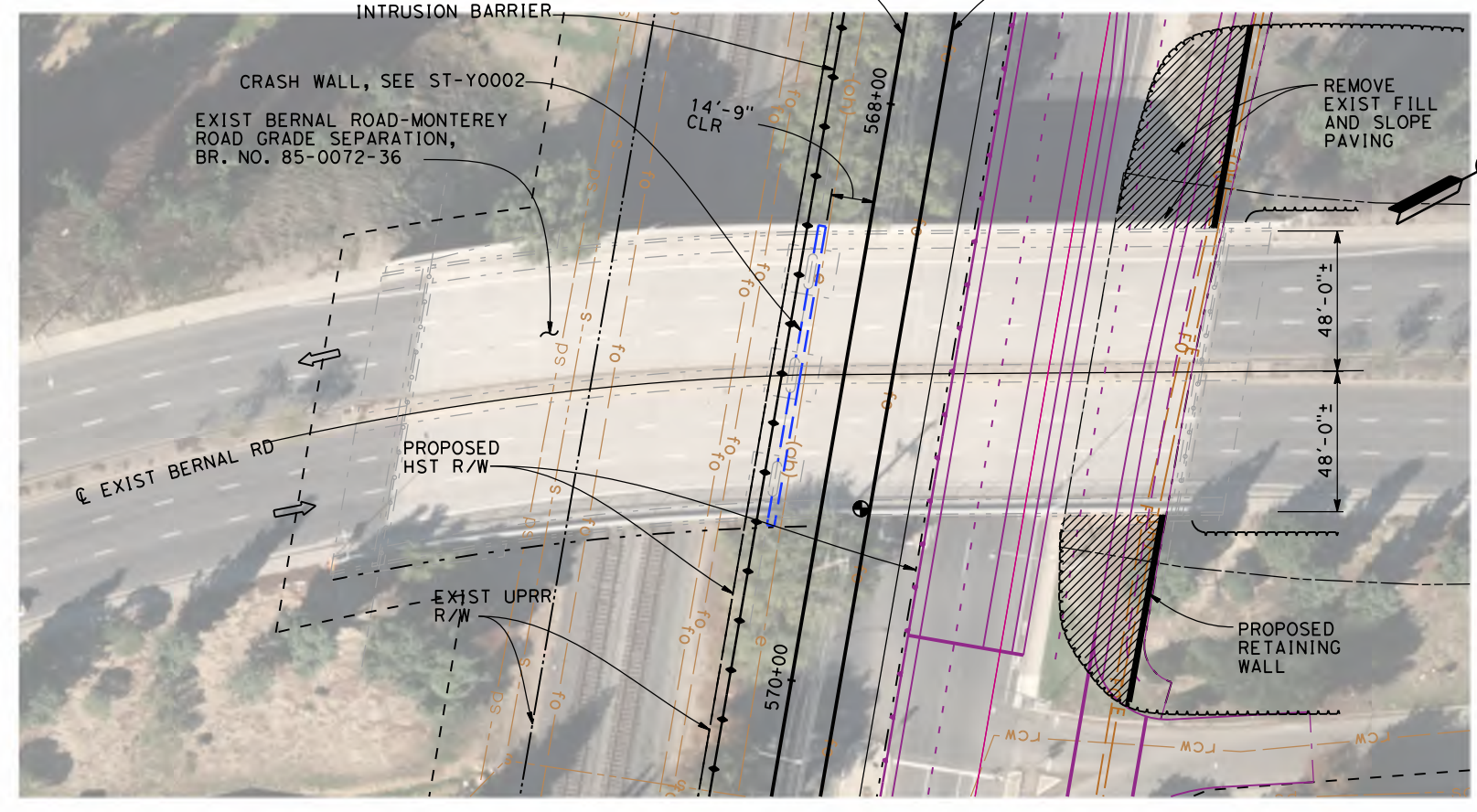
ELEVATION - BERNAL ROAD
SCALE: 1"=60'



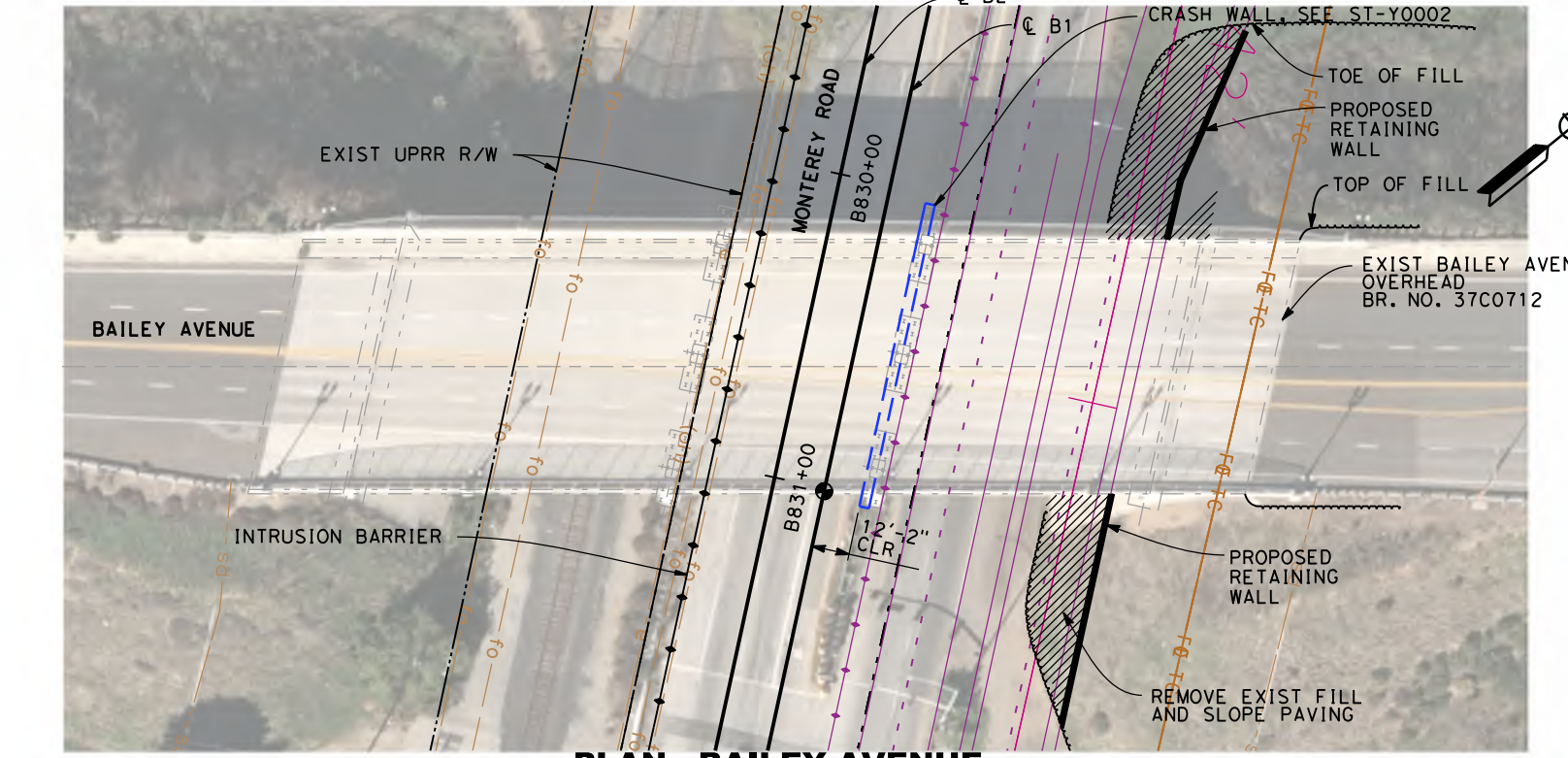
PLAN - BERNAL ROAD
SCALE: 1"=60'



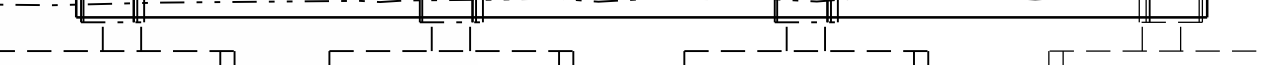
TYPICAL SECTION
SCALE: 1"=20'



PLAN - BAILEY AVENUE
SCALE: 1"=60'-0"



ELEVATION - BAILEY AVENUE
SCALE: 1"=60'-0"



TYPICAL SECTION
SCALE: 1"=20'-0"

LEGEND:

- INDICATES POINT OF MINIMUM VERTICAL CLEARANCE.
- INDICATES DIRECTION OF TRAFFIC.
- INDICATES EXISTING FEATURES.
- INDICATES LIMITS OF BRIDGE REMOVAL.
- CHAIN LINK RAILING TYPE 7, TYP (MOD)

Scale bars:
 1"=20': 0, 10, 20
 1"=50': 0, 50, 100

LEGEND:

- INDICATES POINT OF MINIMUM VERTICAL CLEARANCE.
- INDICATES DIRECTION OF TRAFFIC.
- INDICATES EXISTING FEATURES.
- INDICATES LIMITS OF BRIDGE REMOVAL.

Scale bars:
 1"=20': 0, 10, 20
 1"=60': 0, 30, 60

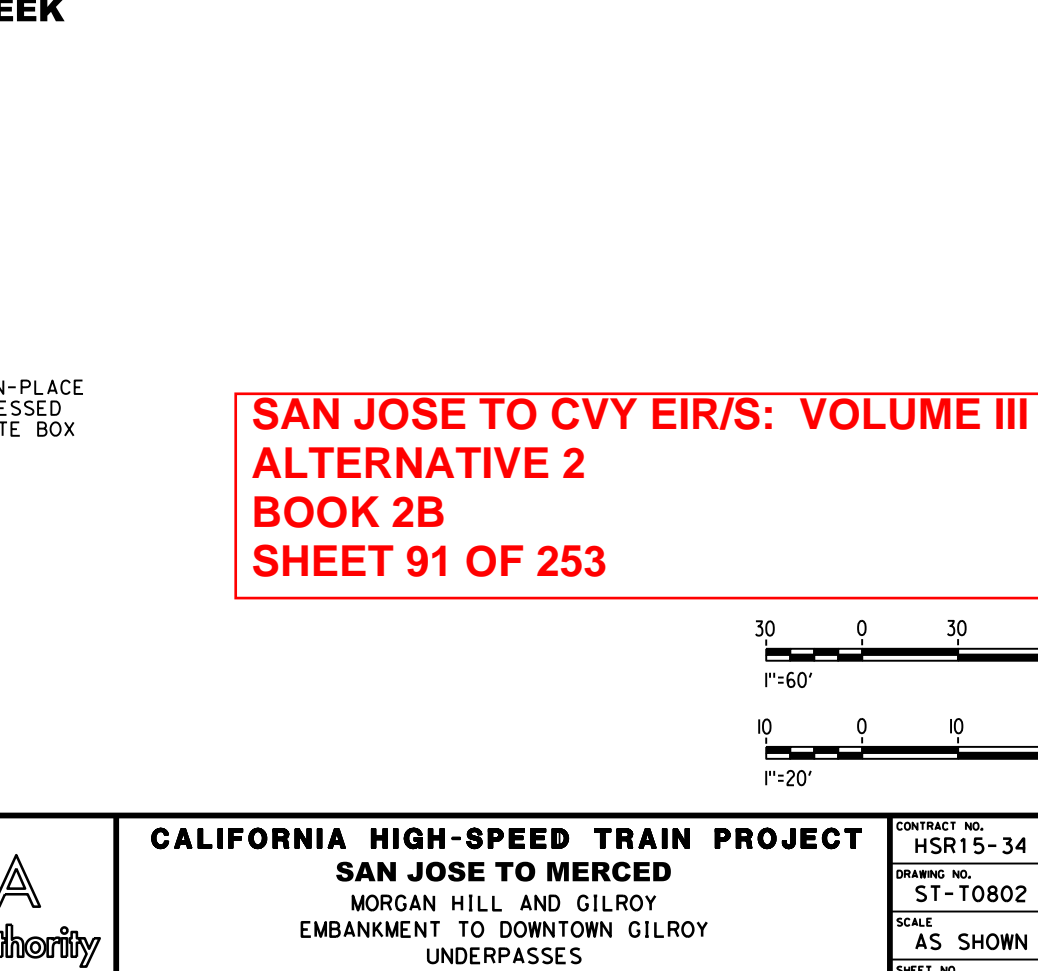
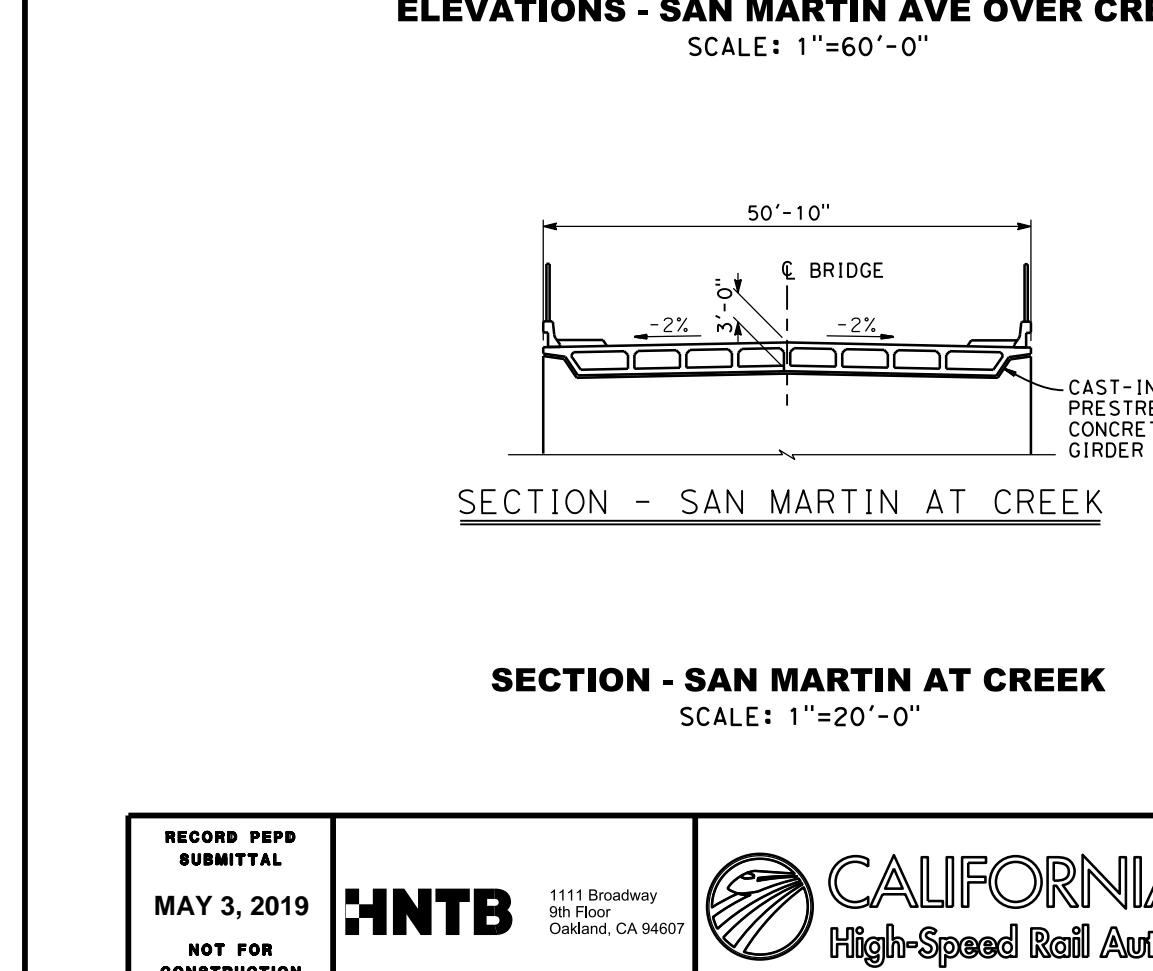
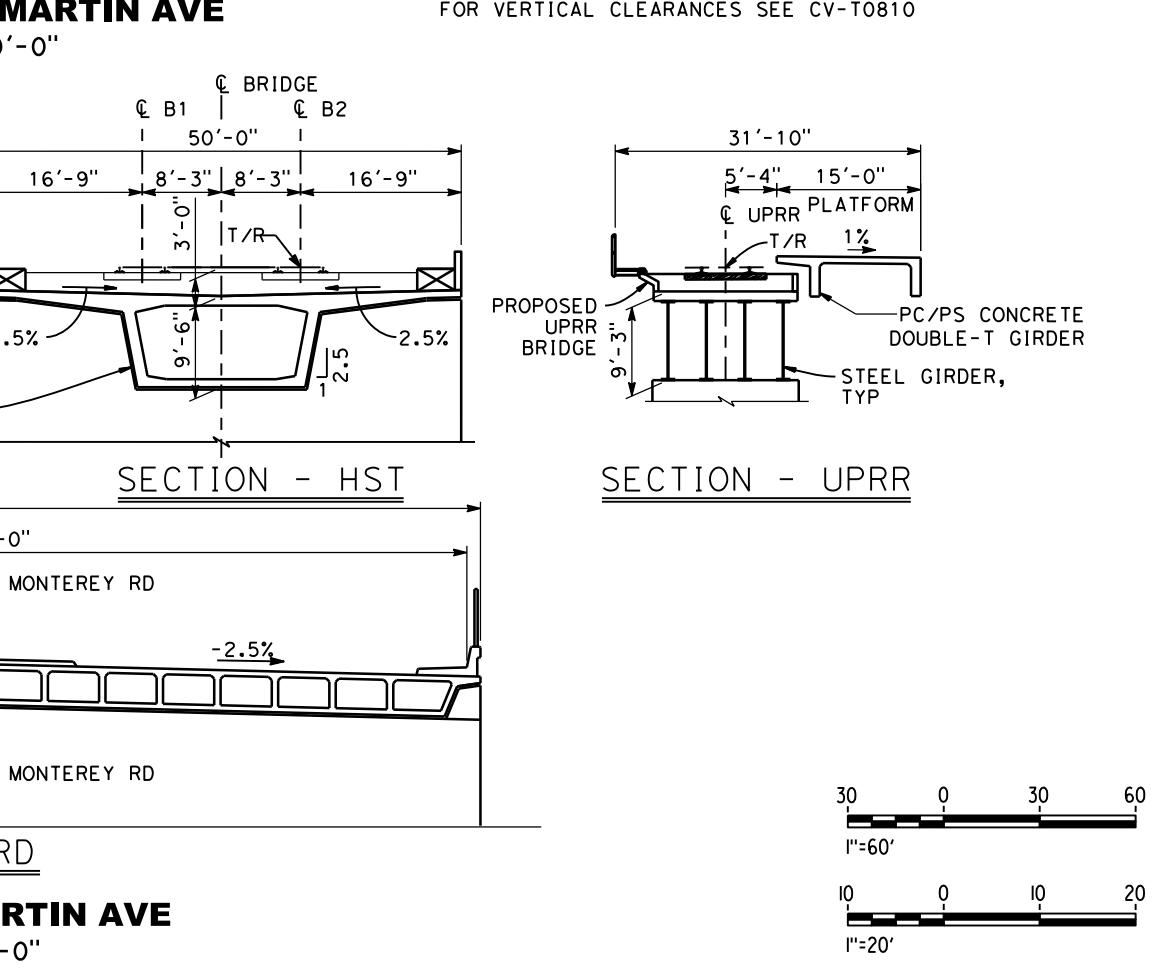
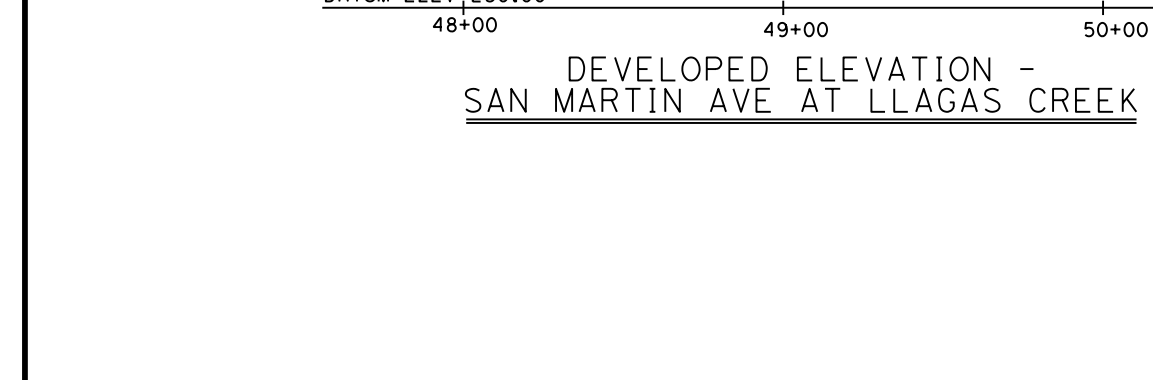
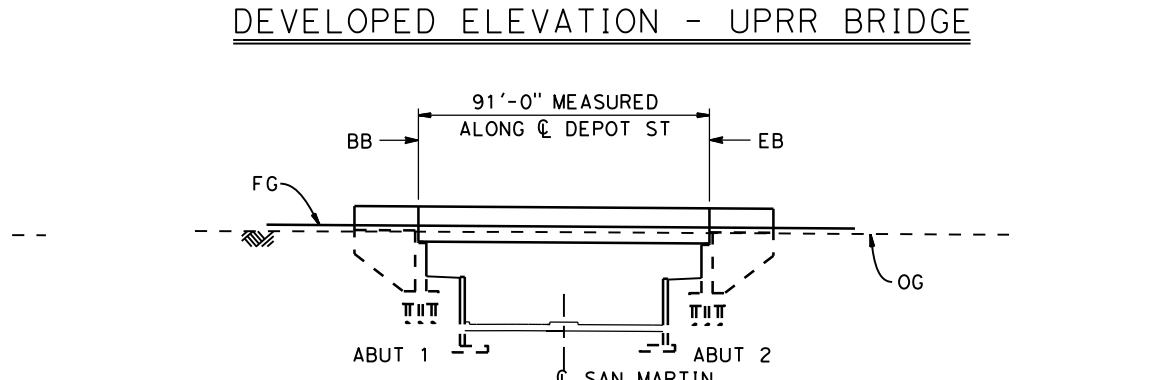
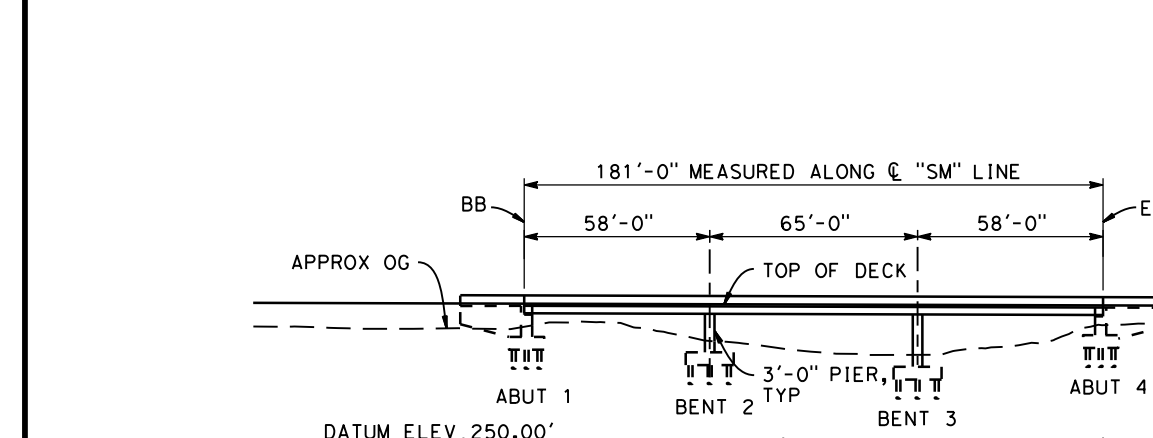
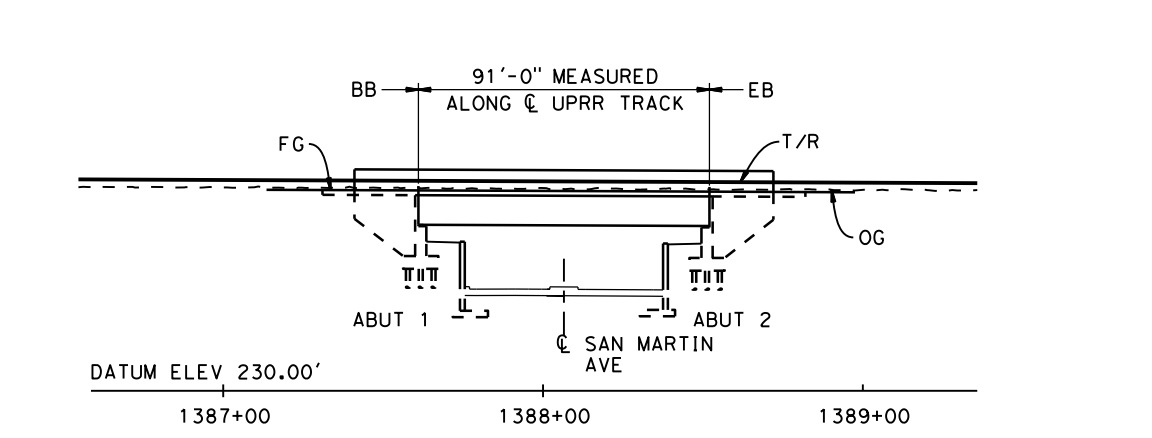
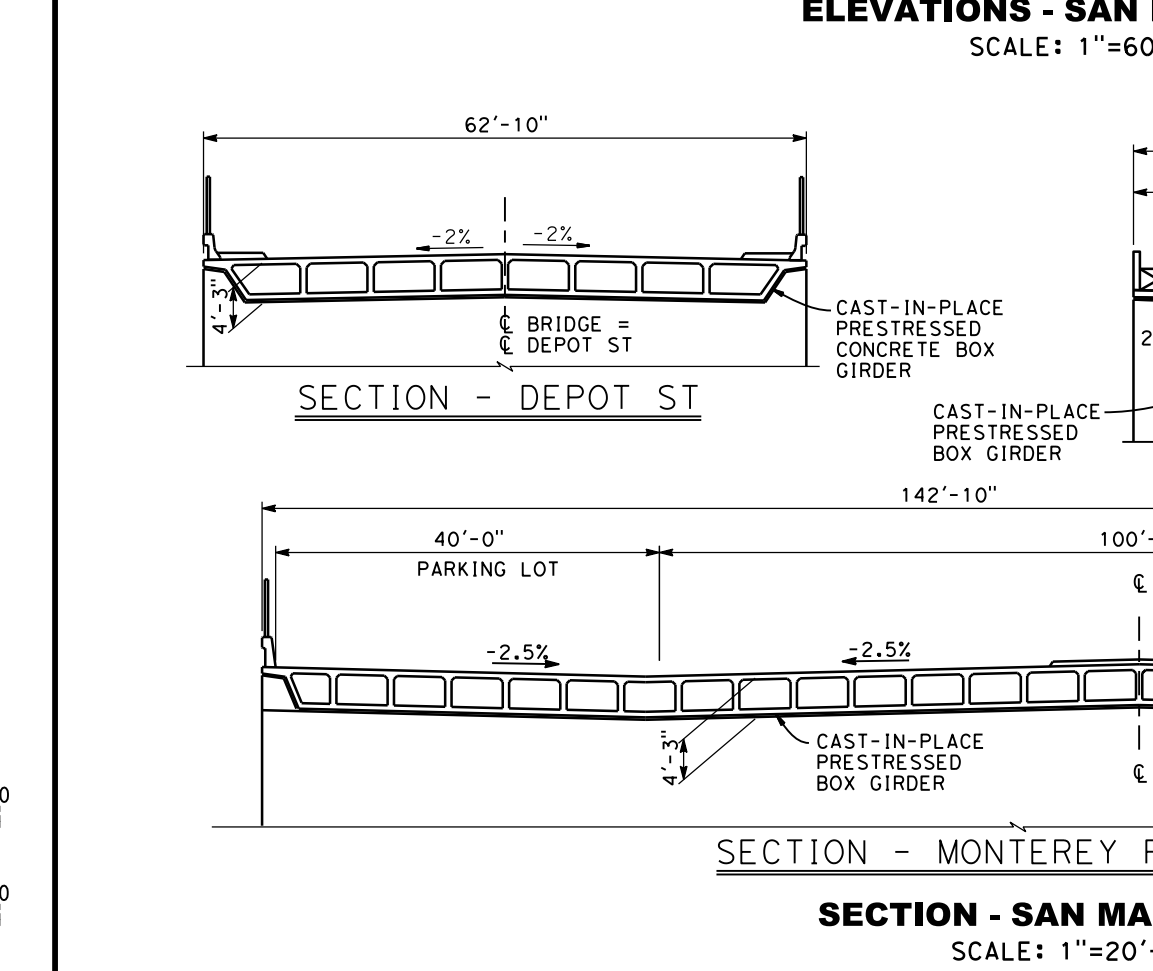
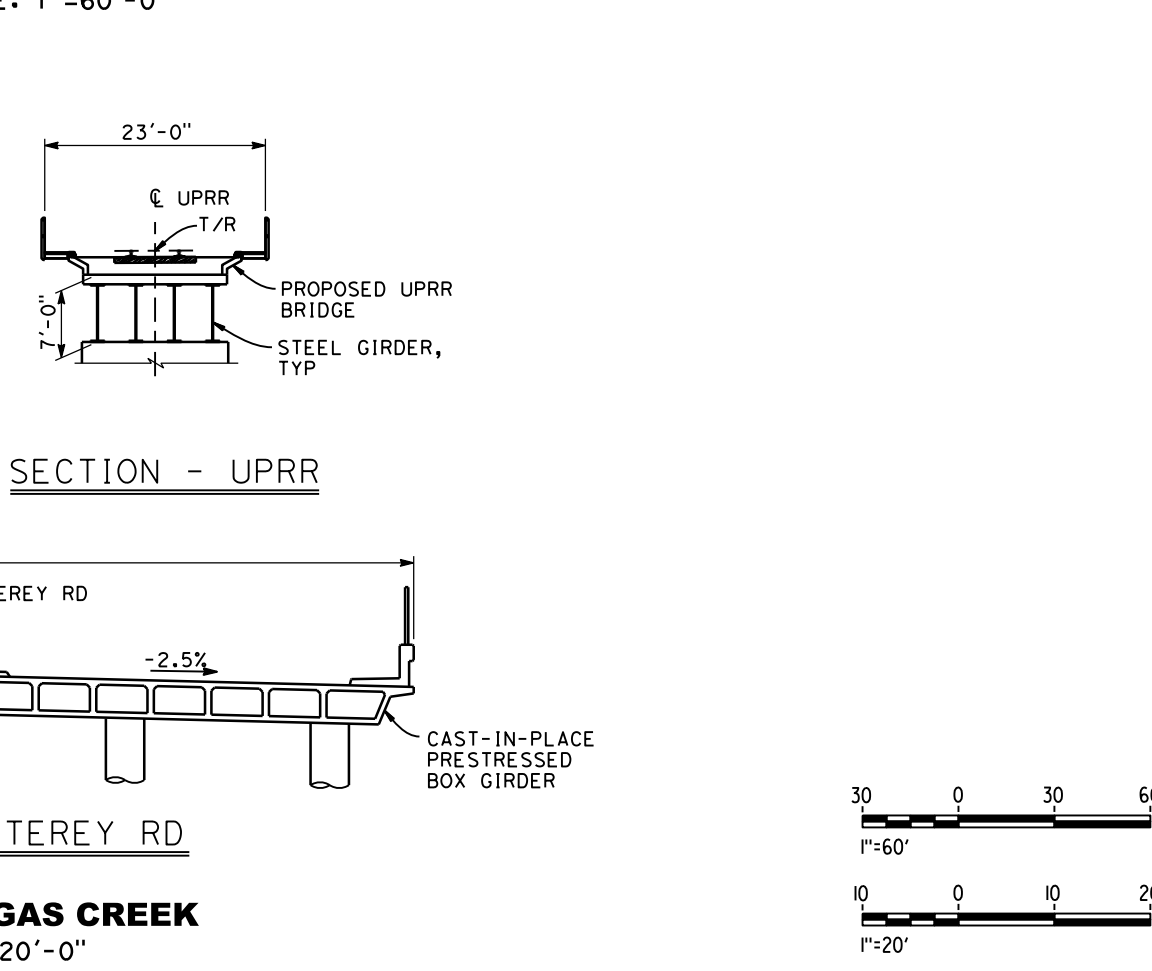
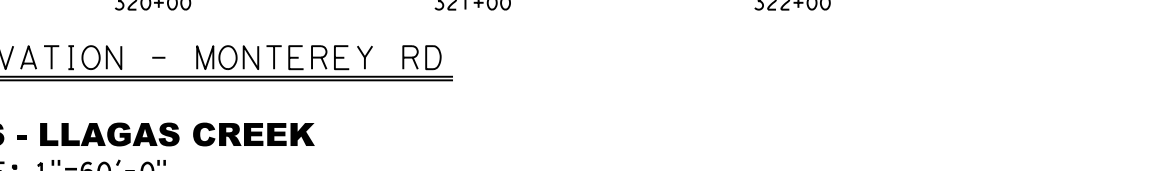
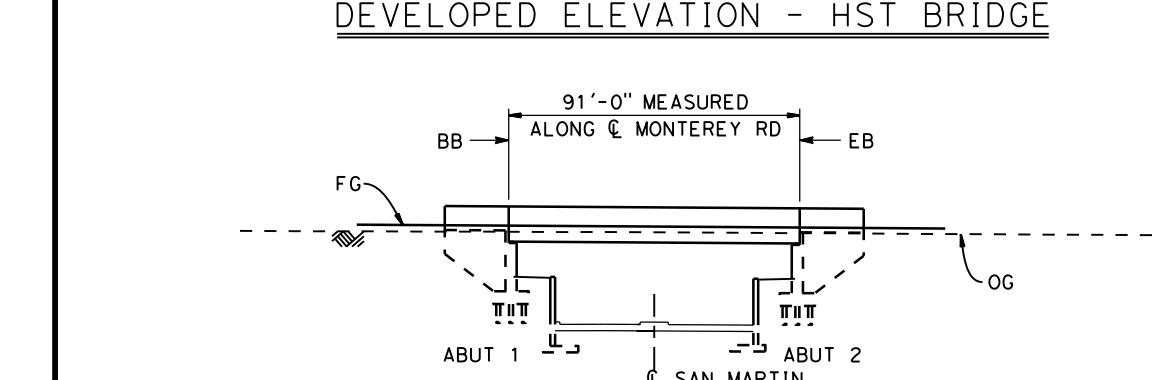
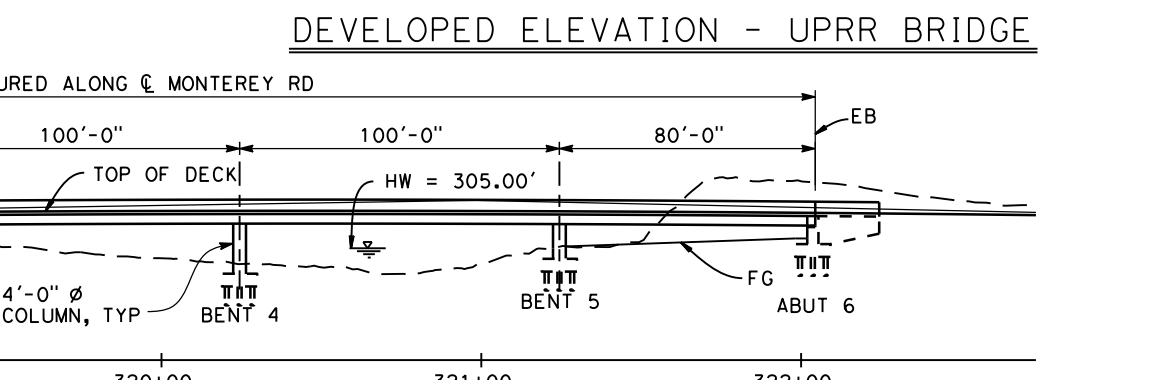
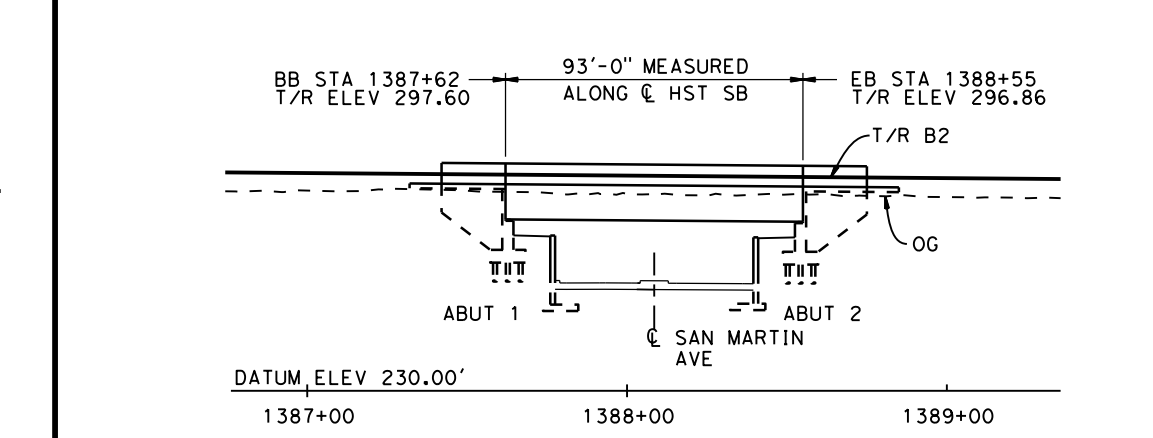
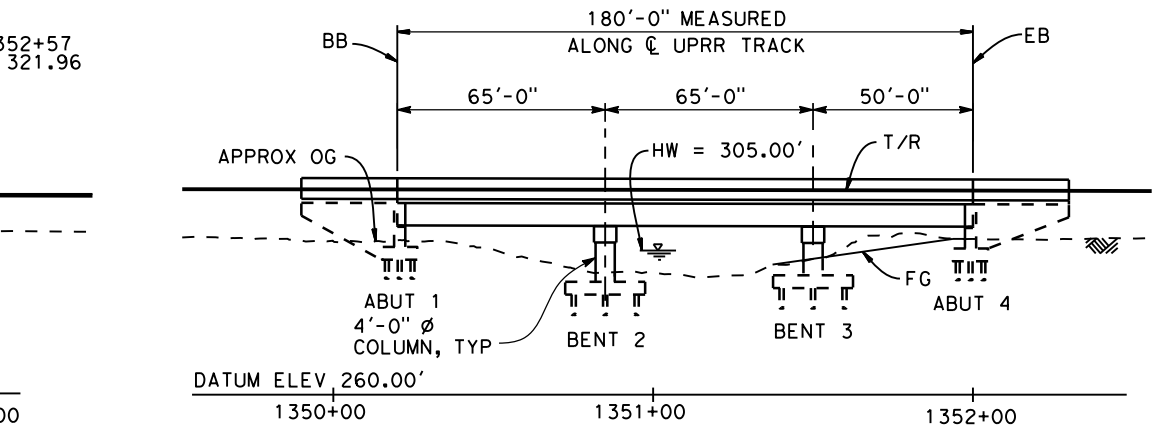
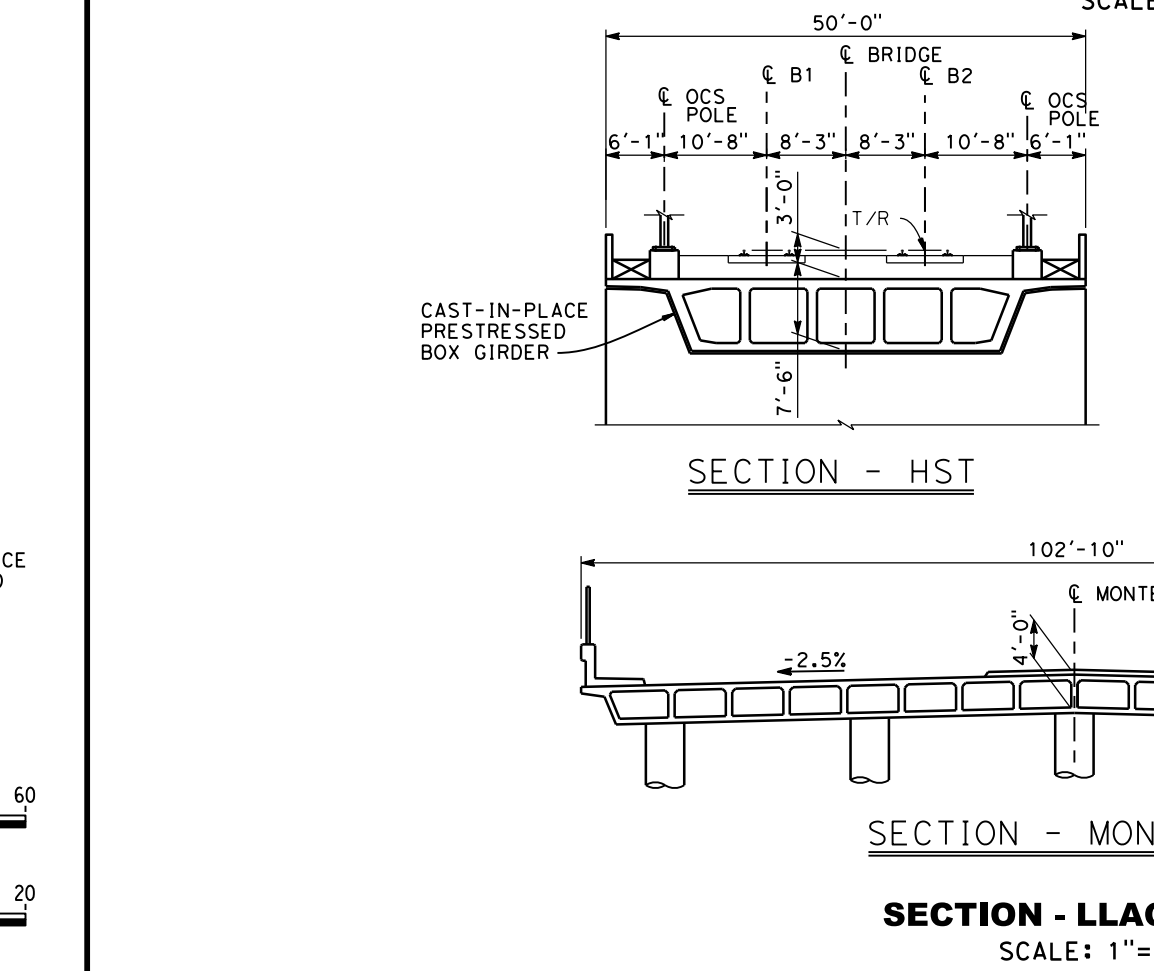
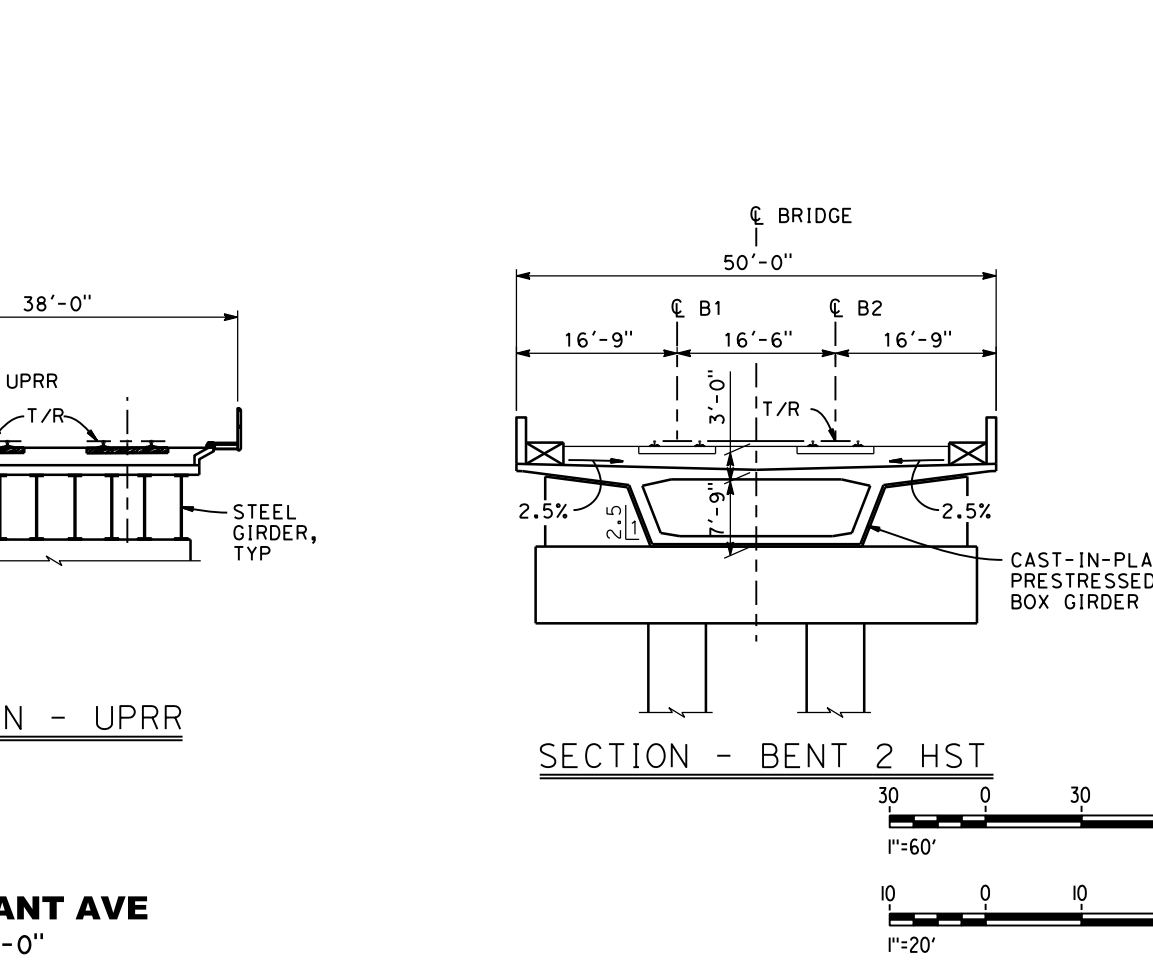
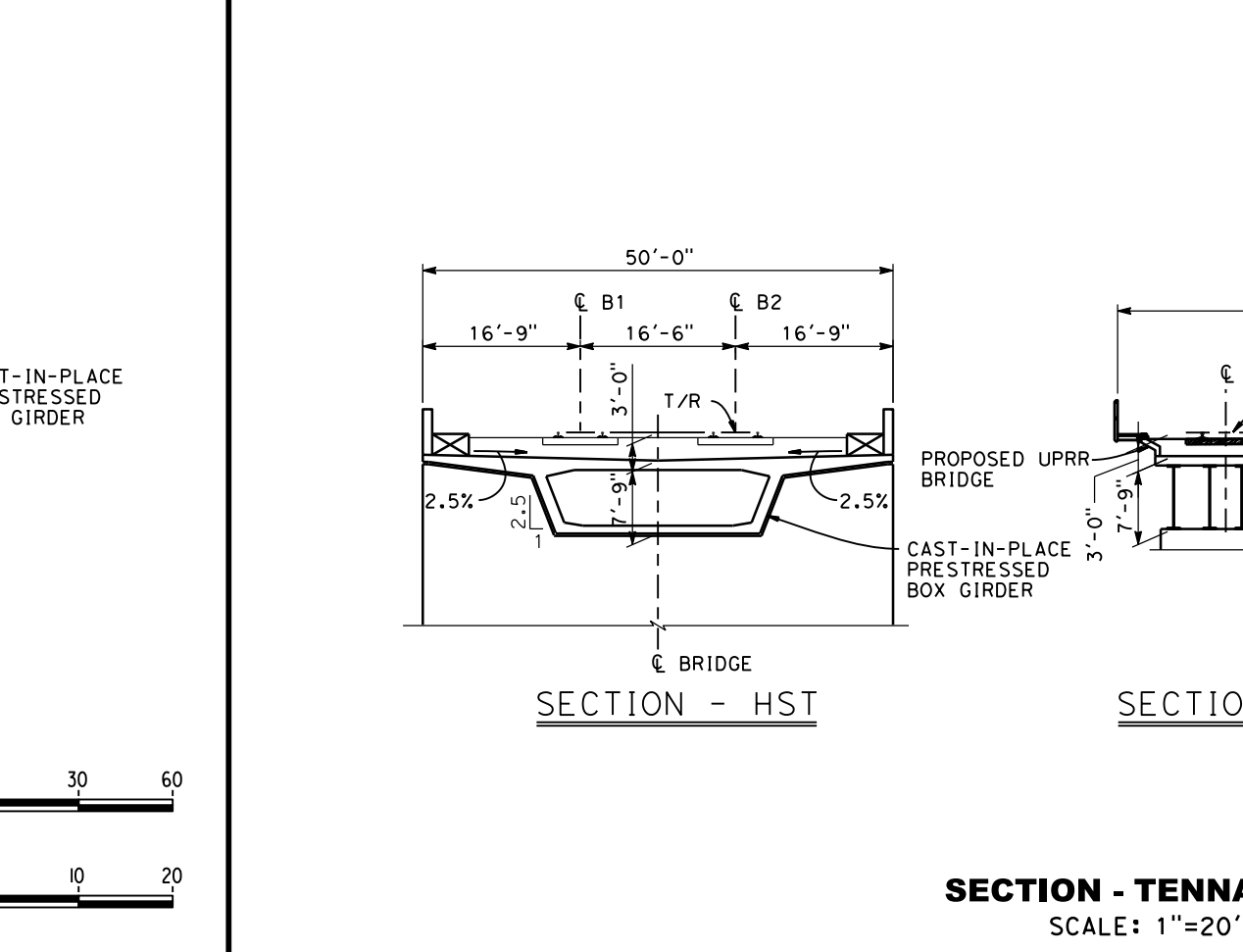
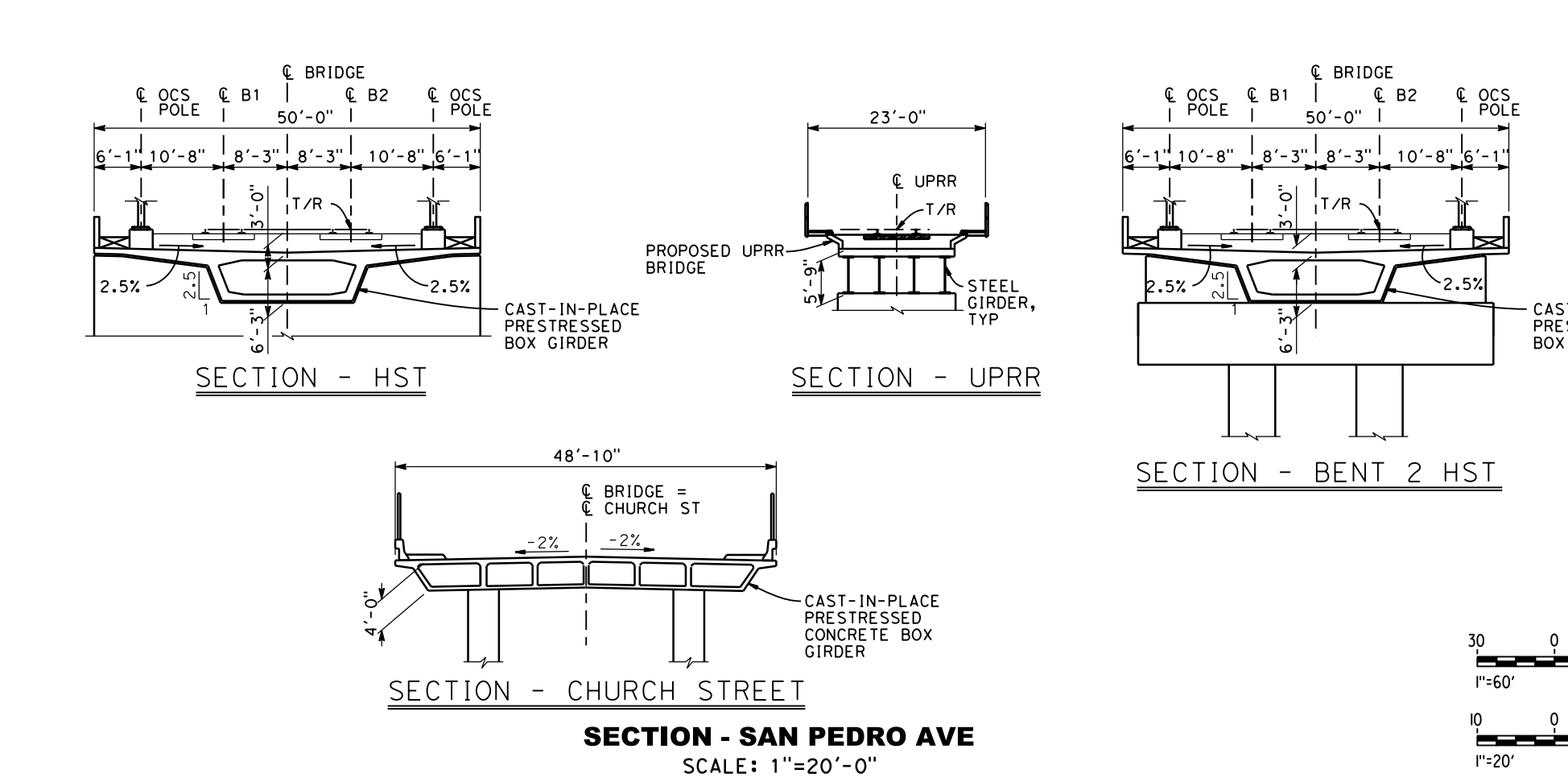
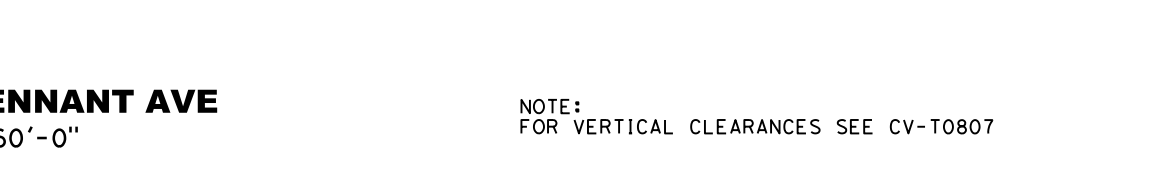
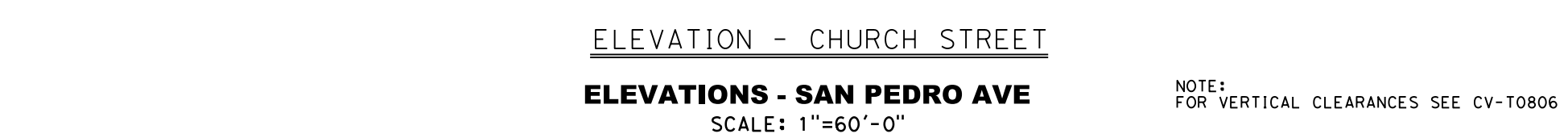
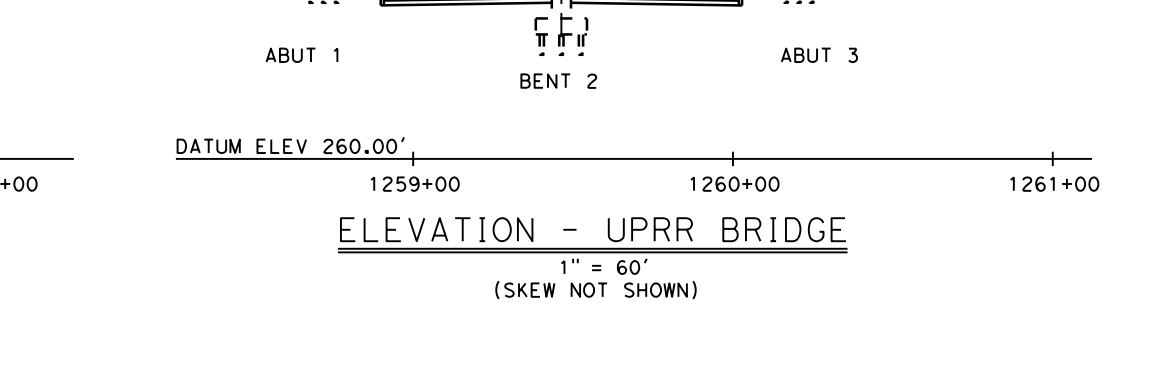
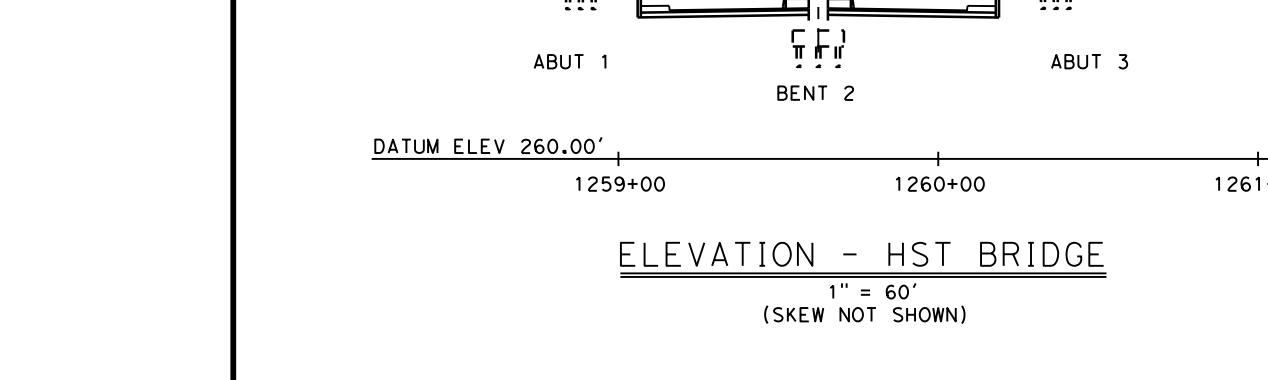
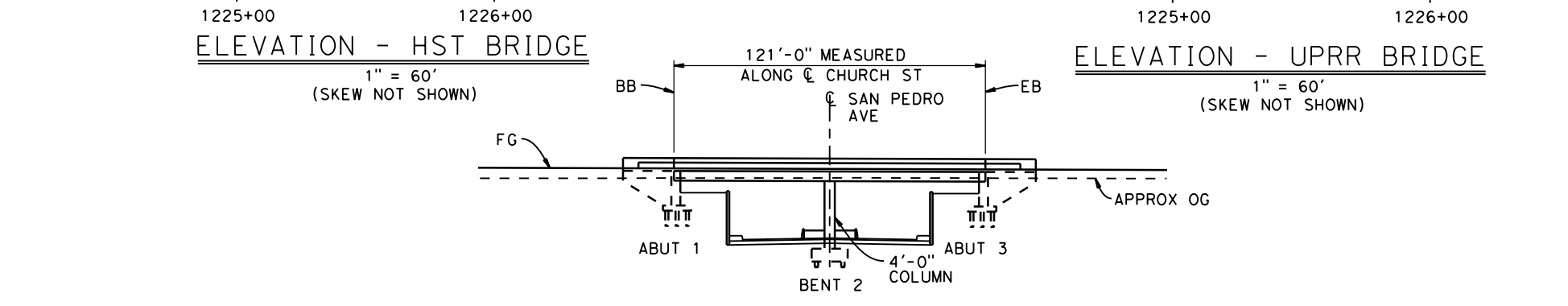
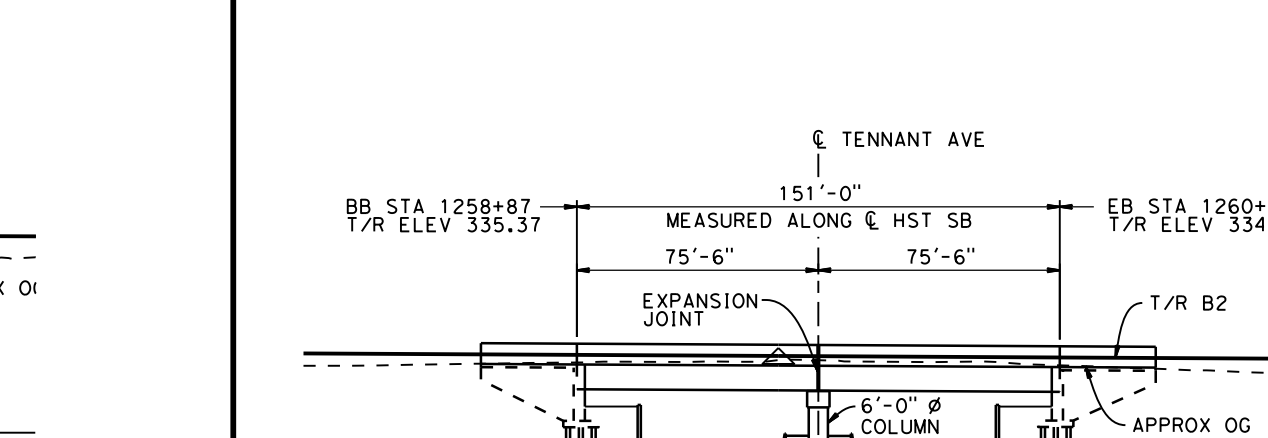
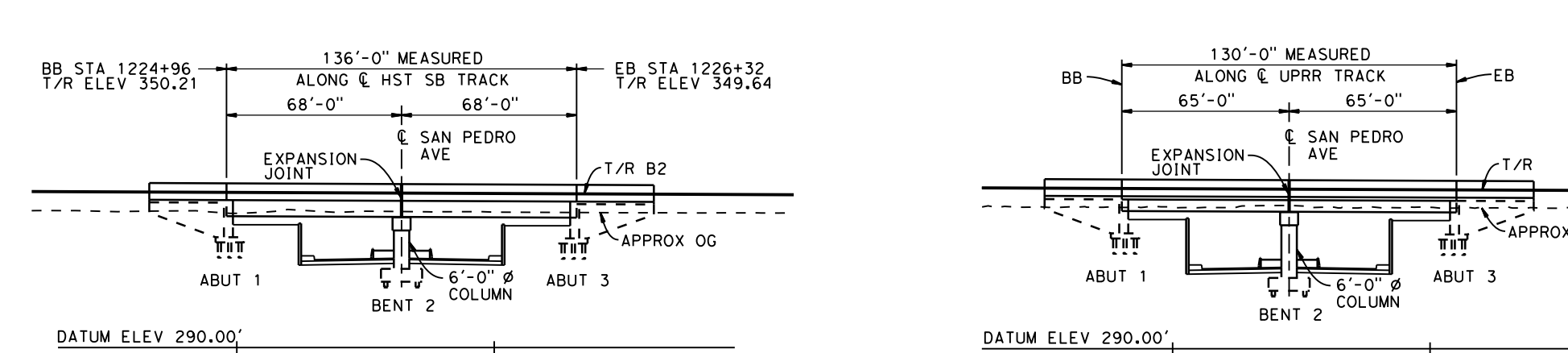
LEGEND:

- INDICATES POINT OF MINIMUM VERTICAL CLEARANCE.
- INDICATES DIRECTION OF TRAFFIC.
- INDICATES EXISTING FEATURES.
- INDICATES LIMITS OF BRIDGE REMOVAL.

Scale bars:
 1"=20': 0, 10, 20
 1"=60': 0, 30, 60

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATE RECORD PEPD SUBMITTAL
BOOK 1 MAY 3, 2019
SHEET 05 OF 233

RECORD PEPD SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MONTEREY CORRIDOR AT-GRADE MODIFY EXISTING BRIDGES GENERAL PLAN 2 OF 2	CONTRACT NO. HSR15-34 DRAWING NO. ST-T0503 SCALE AS SHOWN SHEET NO.
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**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 91 OF 253**

RECORD PERM SUBMITTAL
MAY 3, 2019
NOT FOR CONSTRUCTION

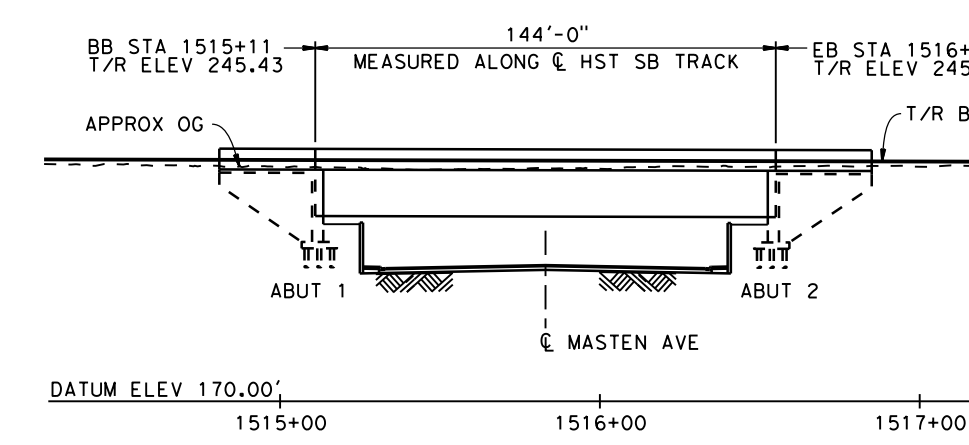
HNTB 1111 Broadway 9th Floor Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
UNDERPASSES
GENERAL PLAN 2 OF 2

CONTRACT NO. HSR15-34
DRAWING NO. ST-T0802
SCALE AS SHOWN
SHEET NO.

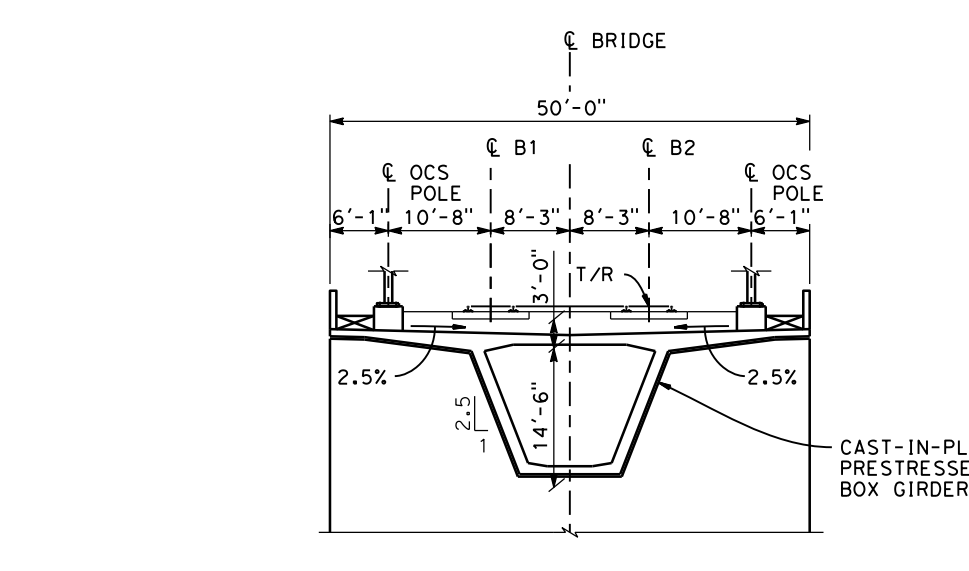
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DEVELOPED ELEVATION - HST BRIDGE

ELEVATIONS - MASTEN AVE
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1002

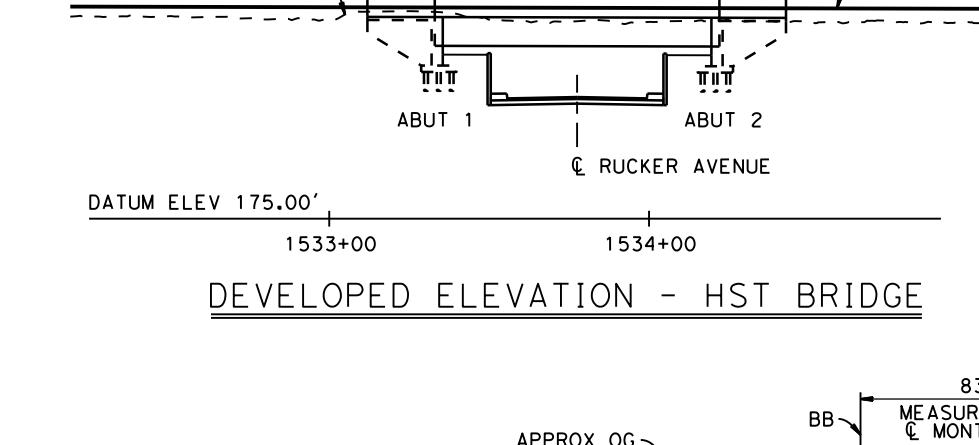
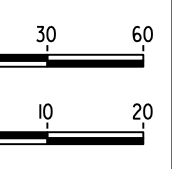


SECTION - HST

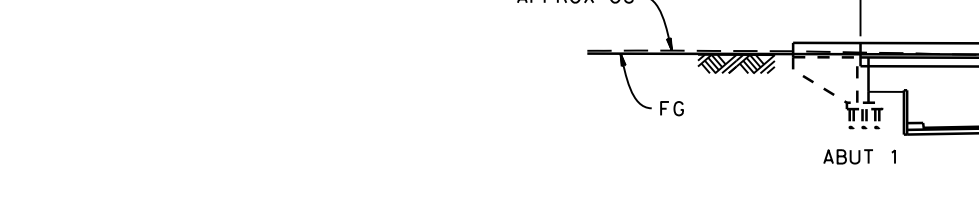
SECTION - MASTEN AVE
SCALE: 1"=20'-0"



SECTION - UPRR



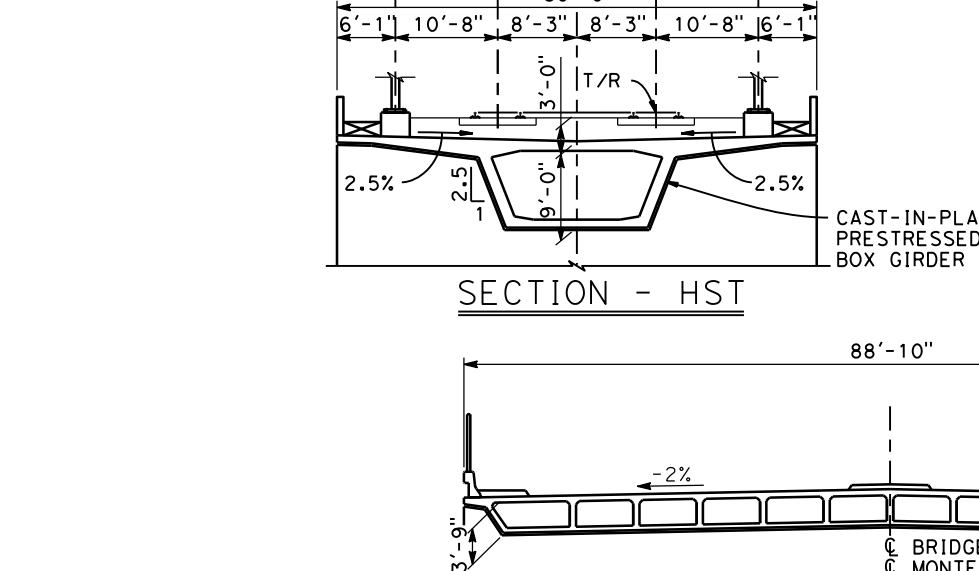
DEVELOPED ELEVATION - UPRR BRIDGE



DEVELOPED ELEVATION - HST BRIDGE

ELEVATIONS - RUCKER AVE
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1003

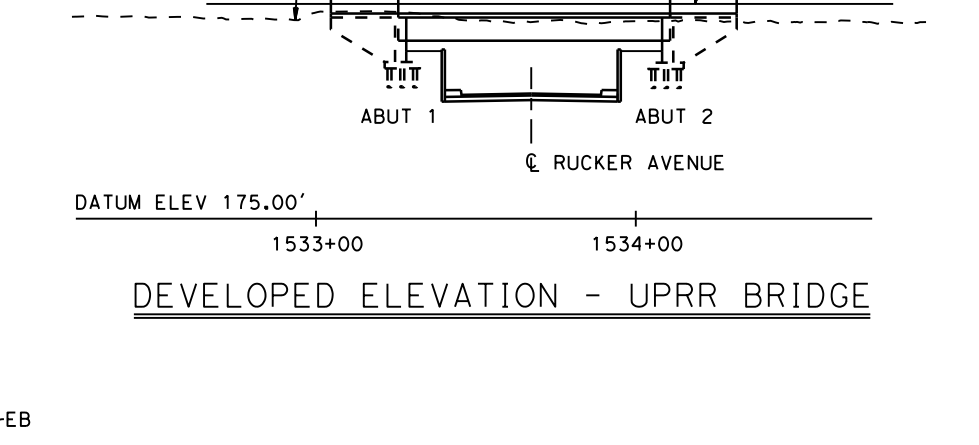
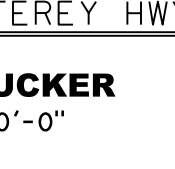


SECTION - HST

SECTION - RUCKER
SCALE: 1"=20'-0"



SECTION - UPRR



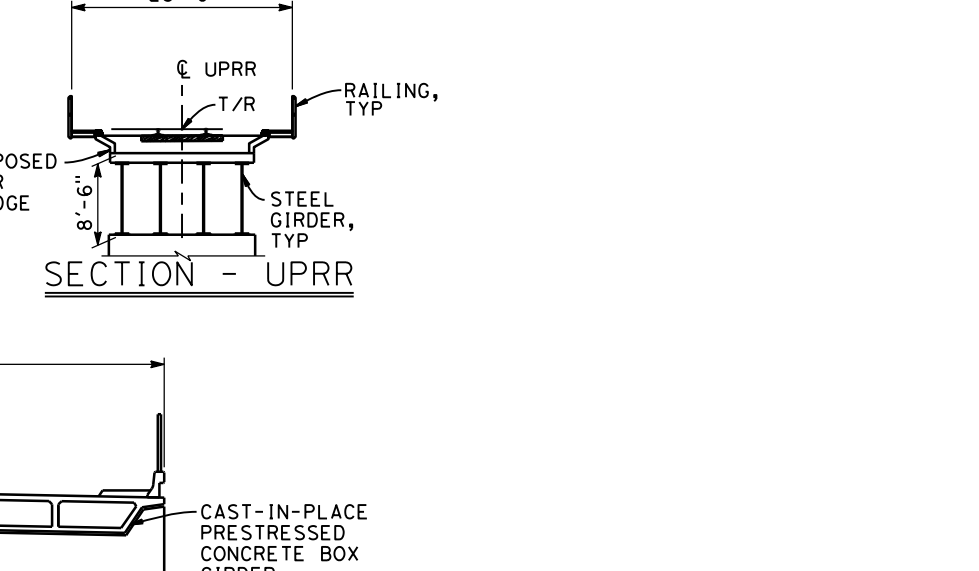
DEVELOPED ELEVATION - UPRR BRIDGE



ELEVATION - HST BRIDGE

ELEVATIONS - BUENA VISTA AVE
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1004

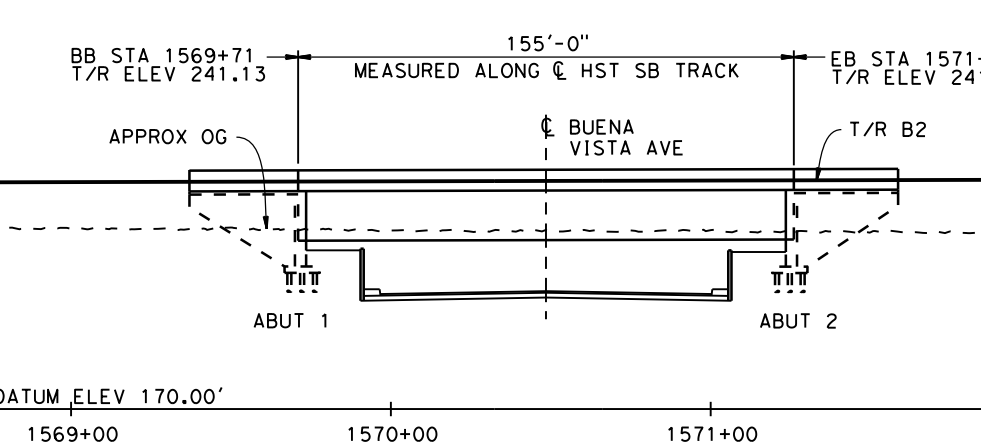
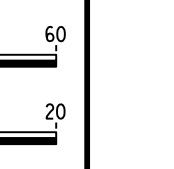


SECTION - HST

SECTION - BUENA VISTA AVE
SCALE: 1"=20'-0"



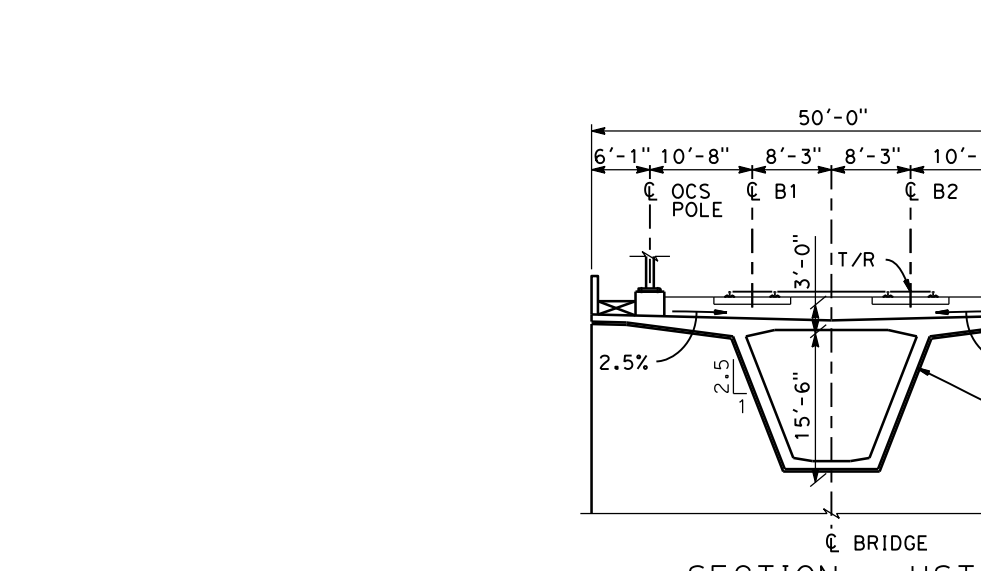
SECTION - UPRR



ELEVATION - UPRR BRIDGE

ELEVATIONS - COHANSEY AVE
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1004

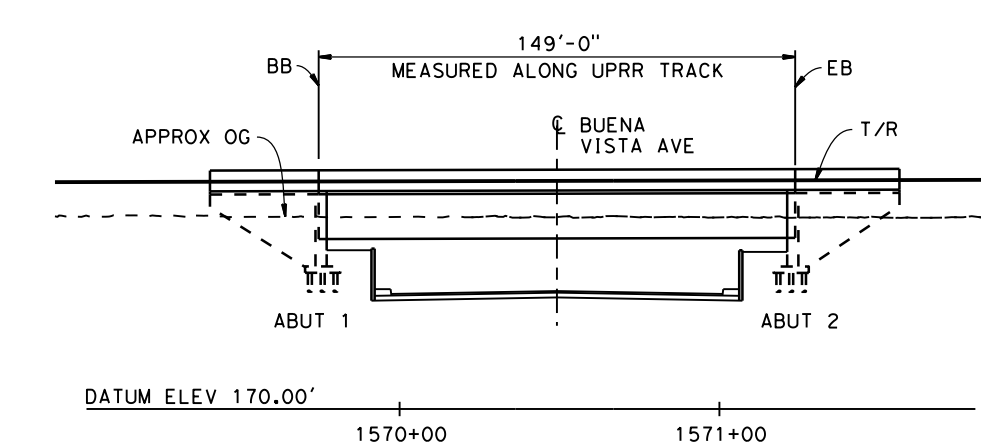
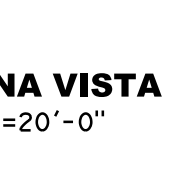


SECTION - HST

SECTION - COHANSEY AVE
SCALE: 1"=20'-0"



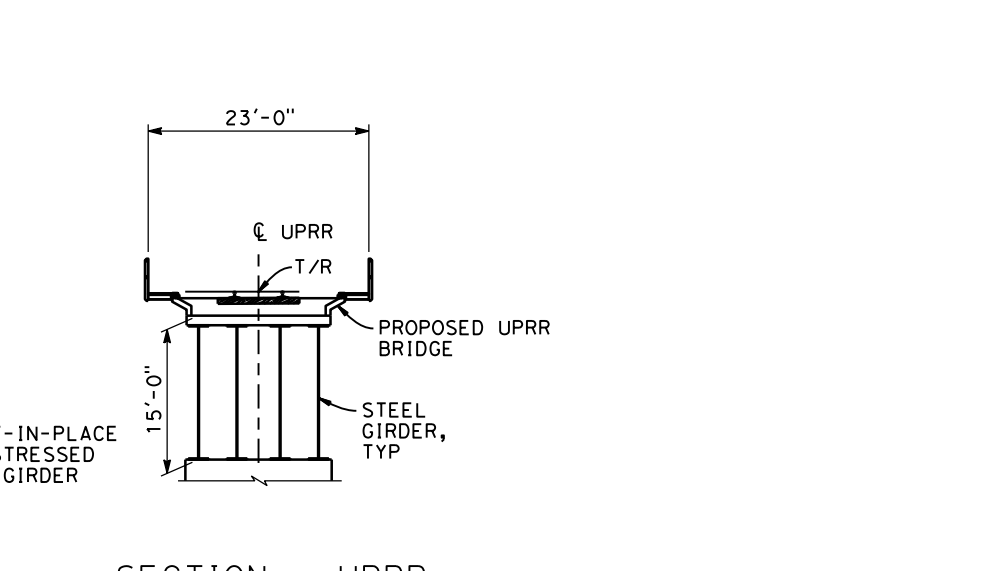
SECTION - UPRR



ELEVATION - HST BRIDGE

ELEVATIONS - LAS ANIMAS AVE
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1004

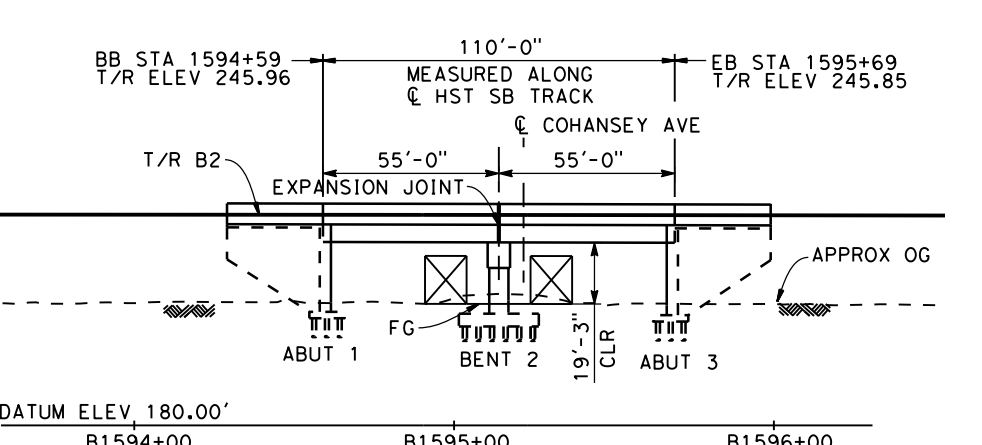
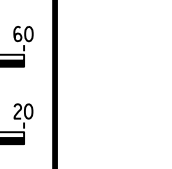


SECTION - HST

SECTION - LAS ANIMAS AVE
SCALE: 1"=20'-0"



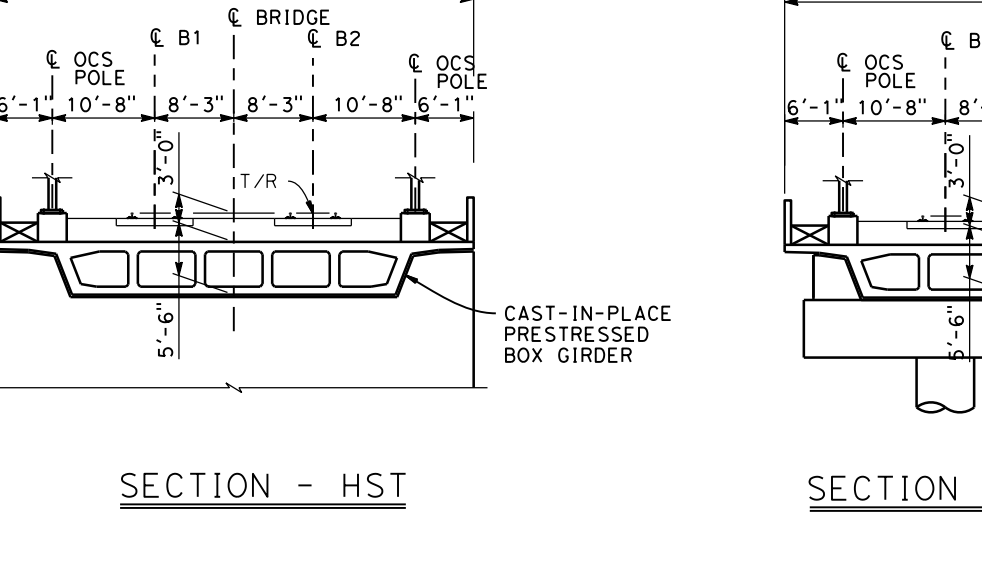
SECTION - UPRR



ELEVATION - HST BRIDGE

ELEVATIONS - MONTEREY RD BRIDGE
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1003

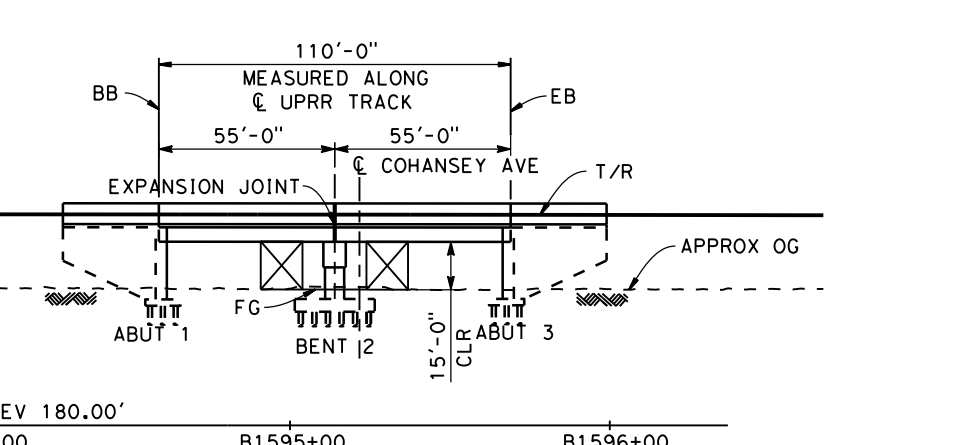
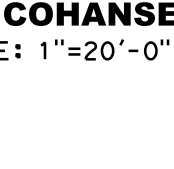


SECTION - HST

SECTION - MONTEREY HWY
SCALE: 1"=20'-0"



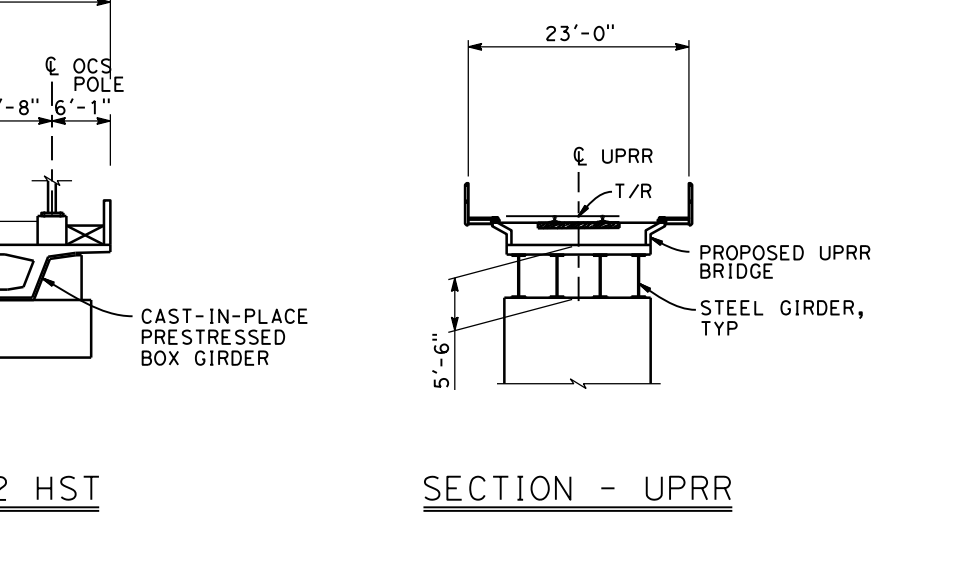
SECTION - UPRR



ELEVATION - HST BRIDGE

ELEVATIONS - MONTEREY RD BRIDGE
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1003

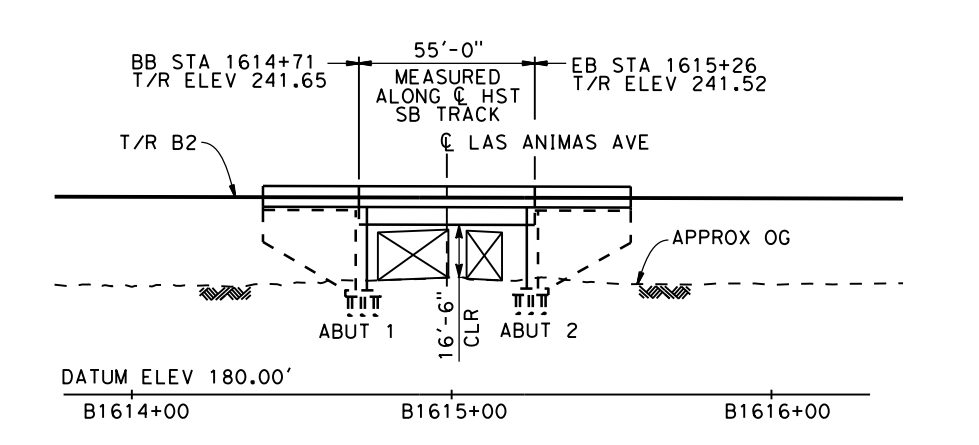
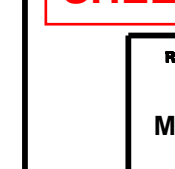


SECTION - HST

SECTION - MONTEREY RD BRIDGE
SCALE: 1"=20'-0"



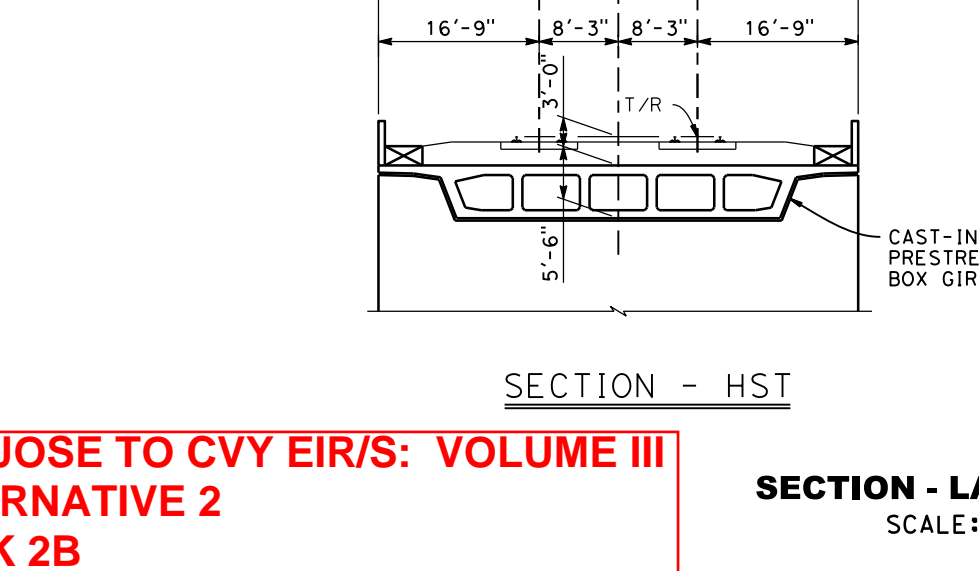
SECTION - UPRR



ELEVATION - HST BRIDGE

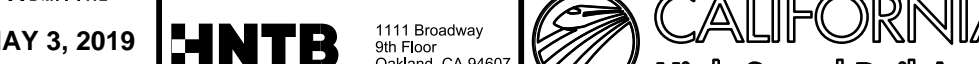
ELEVATIONS - LAS ANIMAS AVE
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1004

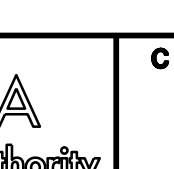


SECTION - HST

SECTION - LAS ANIMAS AVE
SCALE: 1"=20'-0"

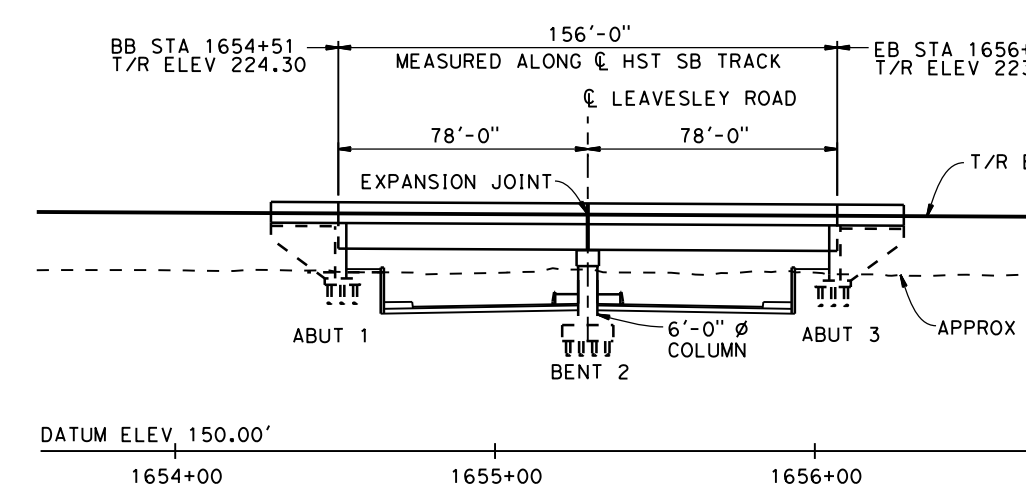


SECTION - UPRR

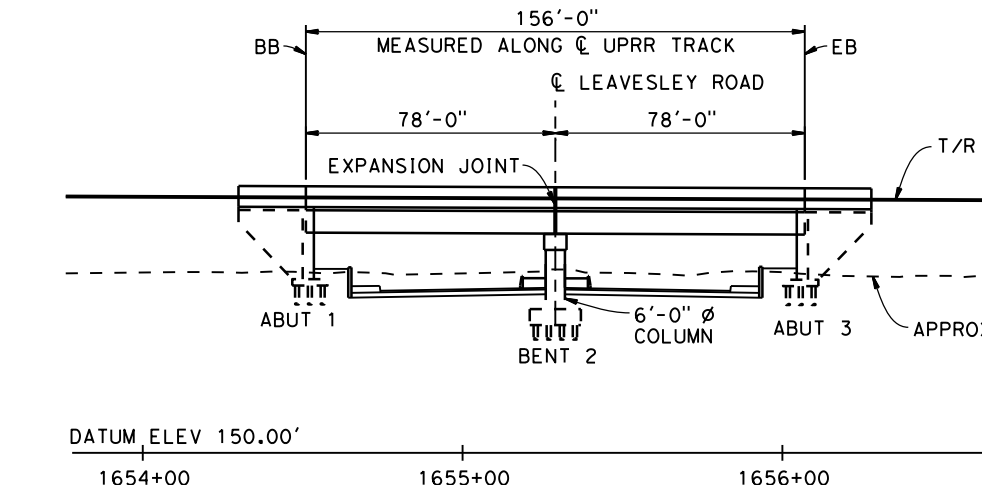


SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 92 OF 253

RECORD PERM MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY UNDERPASSES GENERAL PLAN 1 OF 3	CONTRACT NO. HSR15-34 DRAWING NO. ST-T1001 SCALE AS SHOWN SHEET NO.
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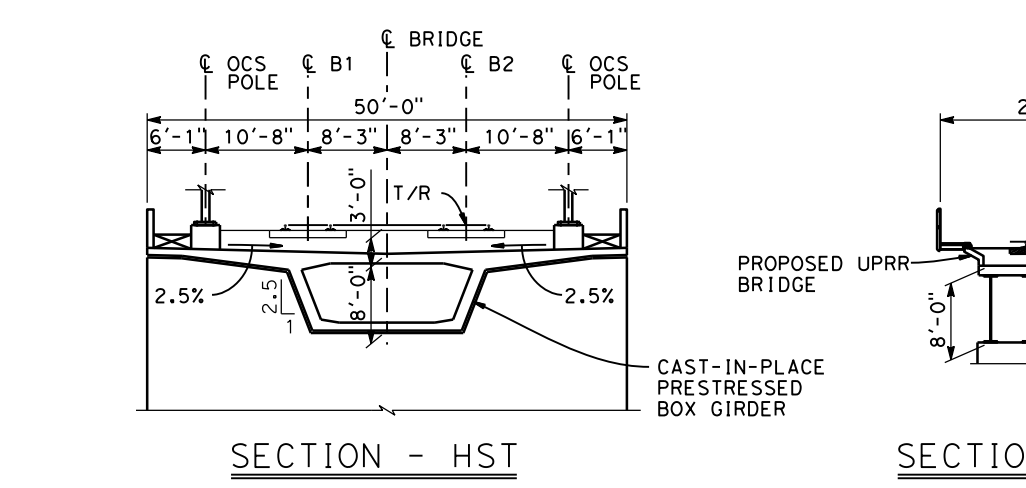
DEVELOPED ELEVATION - HST BRIDGE



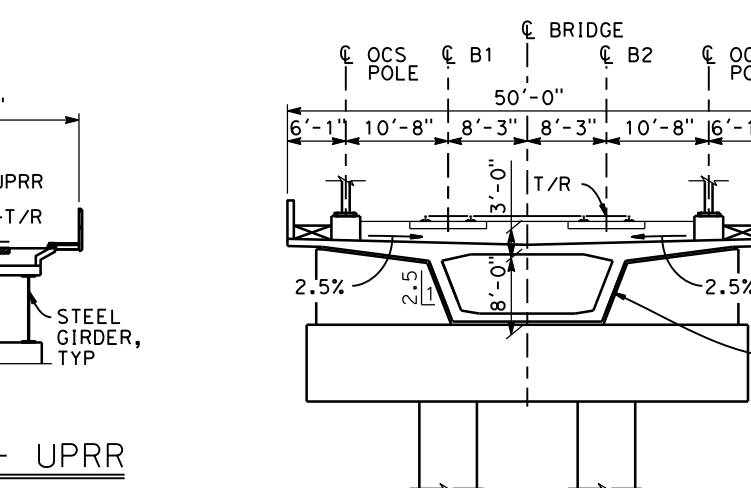
DEVELOPED ELEVATION - UPRR BRIDGE

ELEVATIONS - LEAVESLEY RD
SCALE: 1"=60'-0"

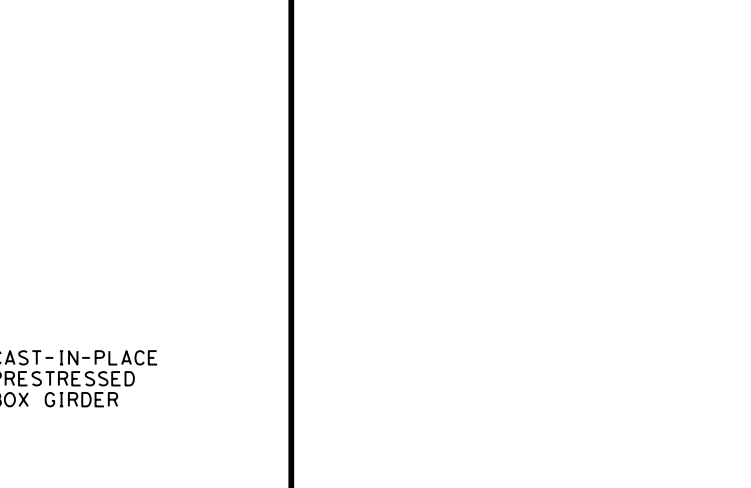
NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006



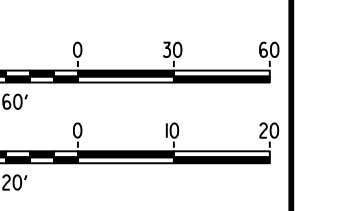
SECTION - HST



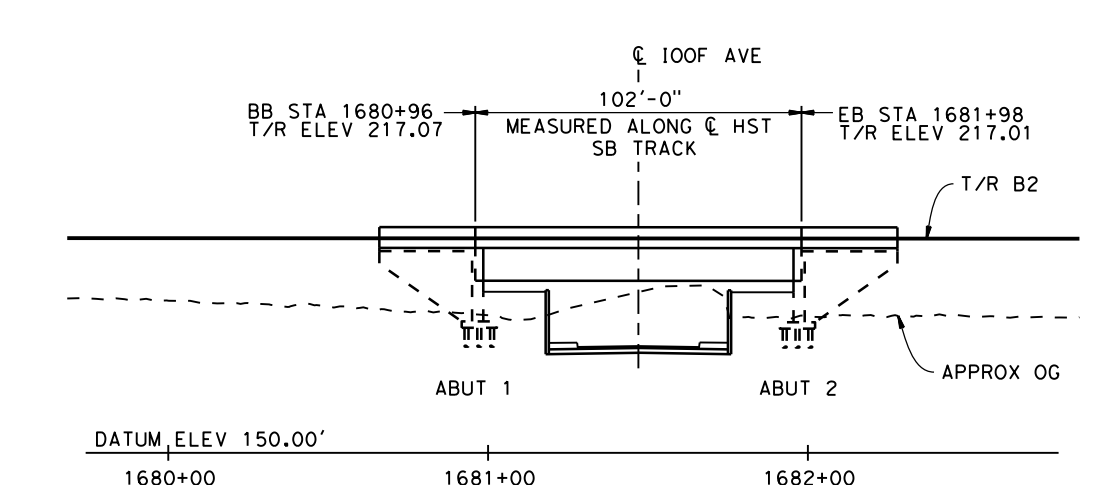
SECTION - UPRR



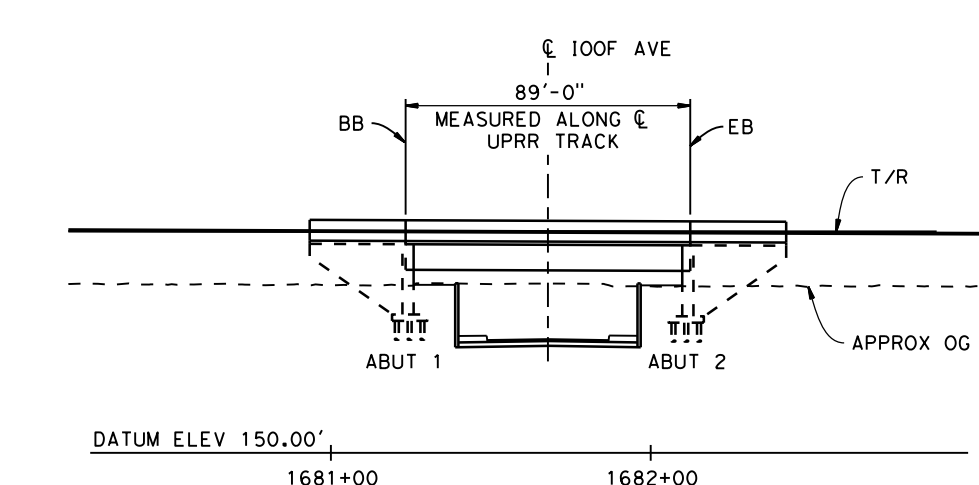
SECTION - BENT 2 HST



SECTION - LEAVESLEY RD
SCALE: 1"=20'-0"



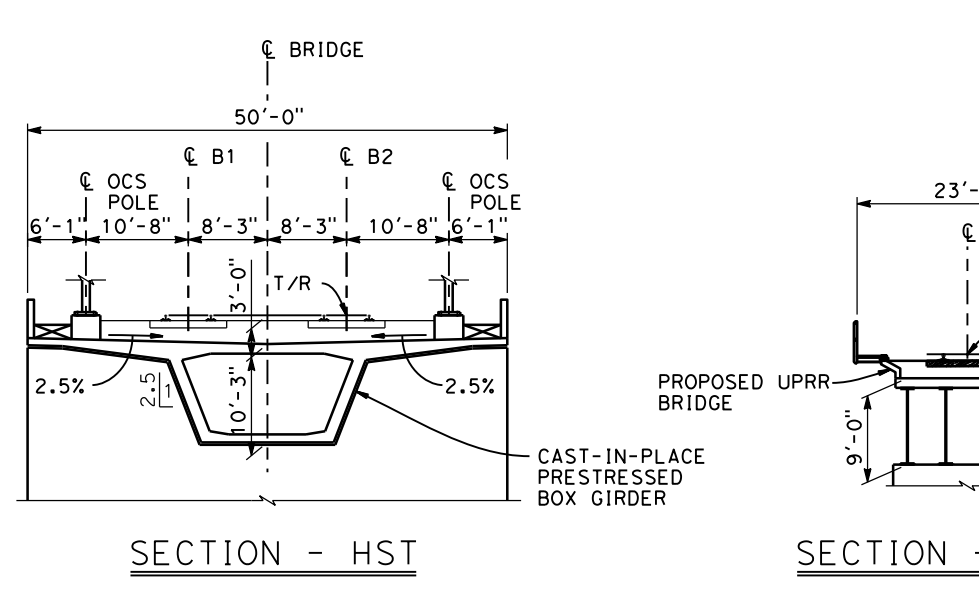
ELEVATION - HST BRIDGE



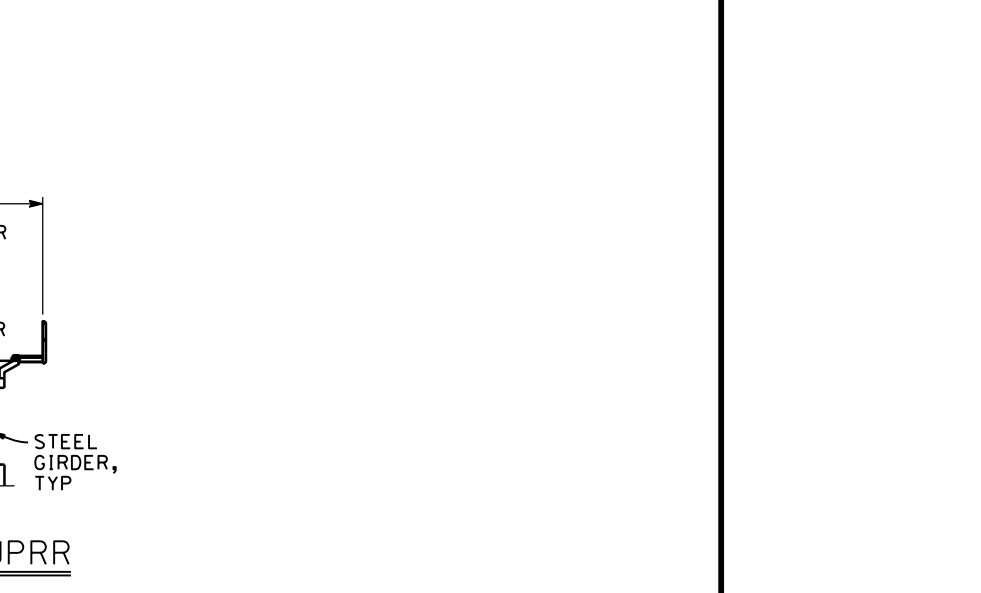
ELEVATION - UPRR BRIDGE

ELEVATIONS - IOOF AVE
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

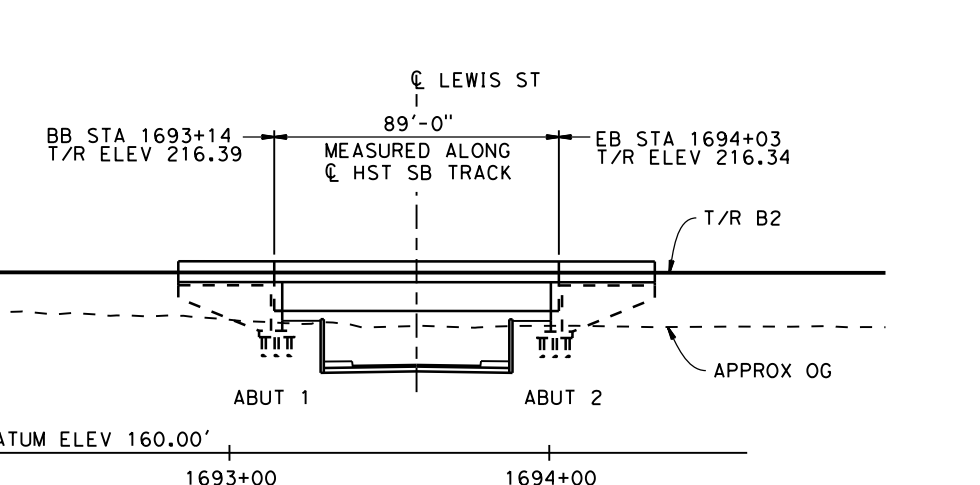


SECTION - HST

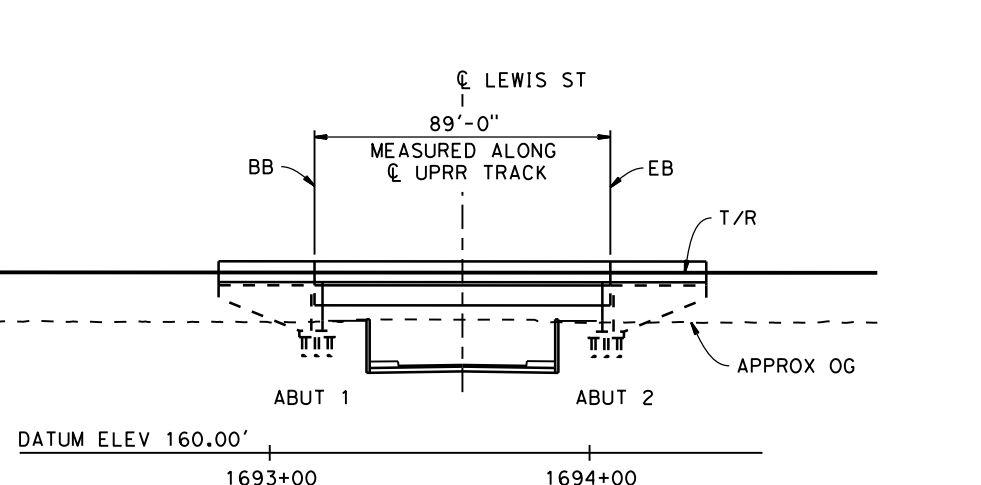


SECTION - UPRR

SECTION - IOOF AVE
SCALE: 1"=20'-0"



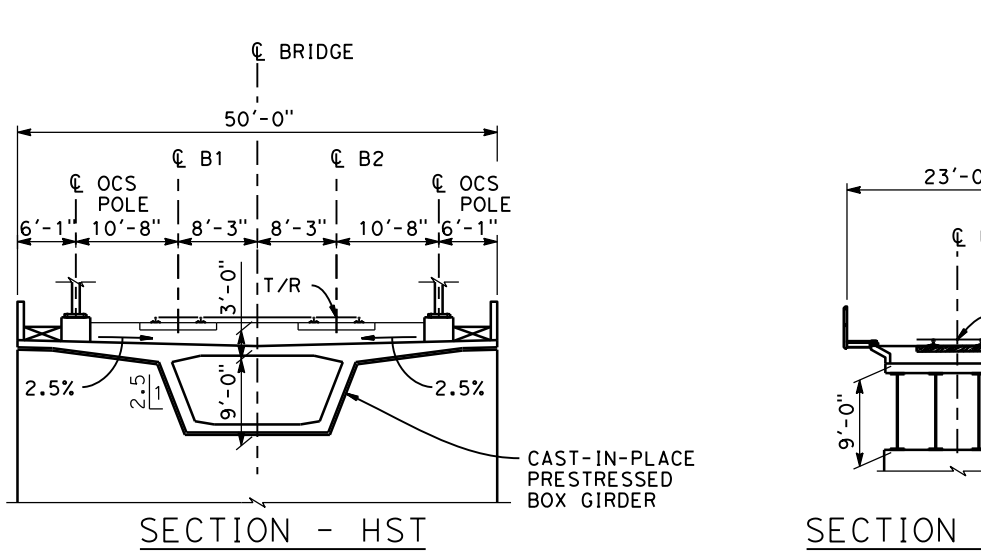
ELEVATION - HST BRIDGE



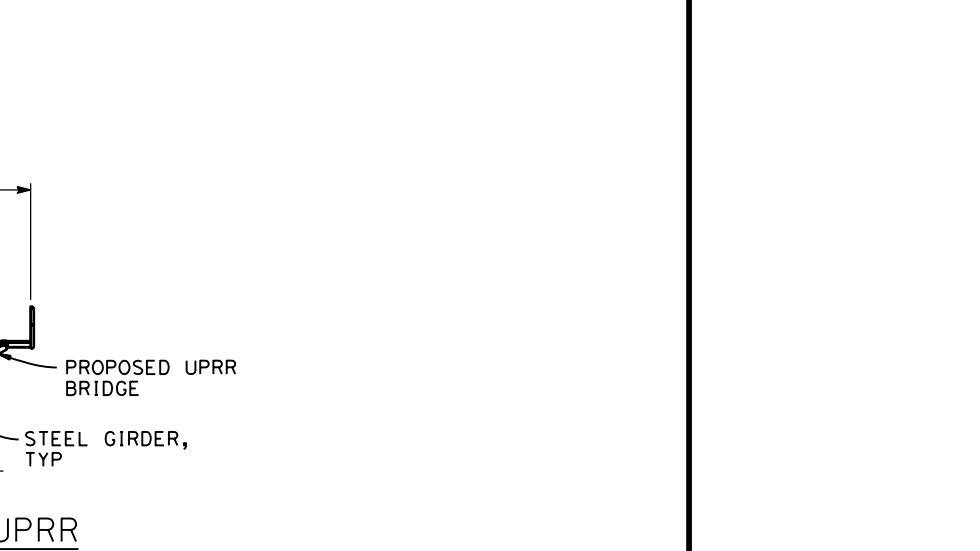
ELEVATION - UPRR BRIDGE

ELEVATIONS - LEWIS STREET
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

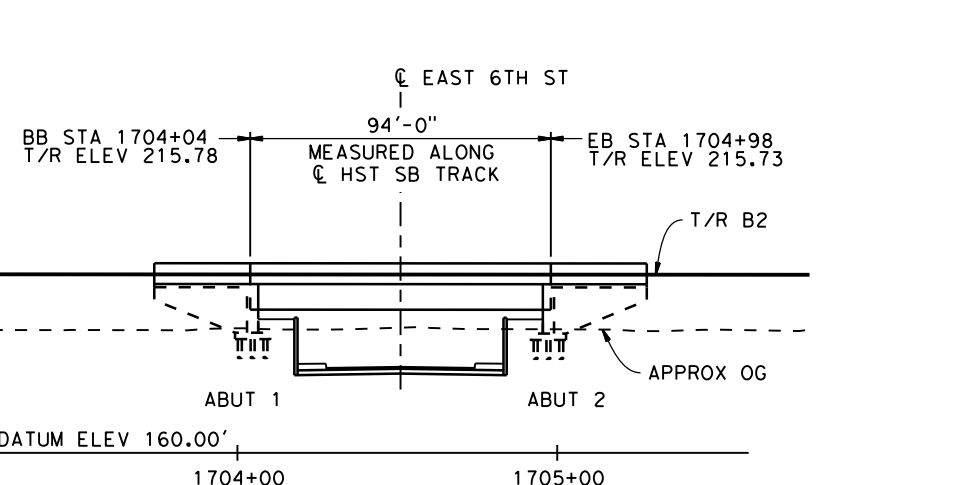


SECTION - HST

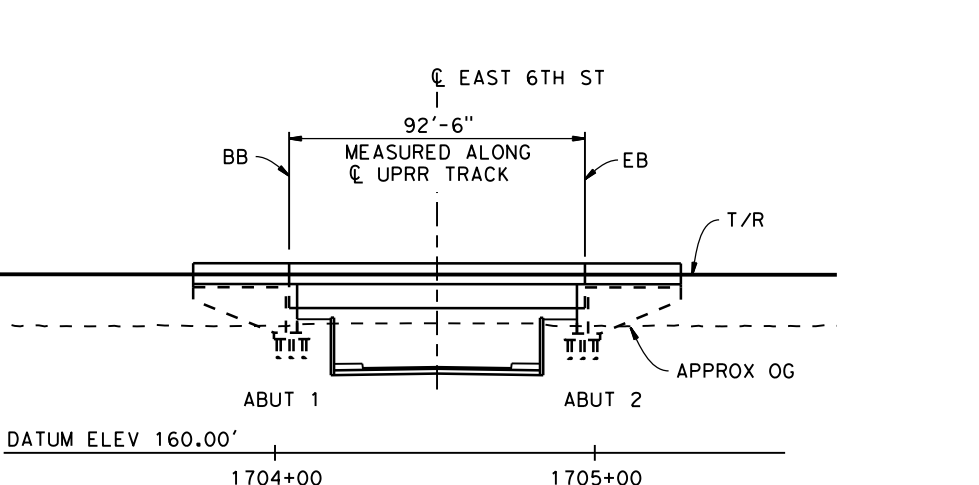


SECTION - UPRR

SECTION - LEWIS STREET
SCALE: 1"=20'-0"



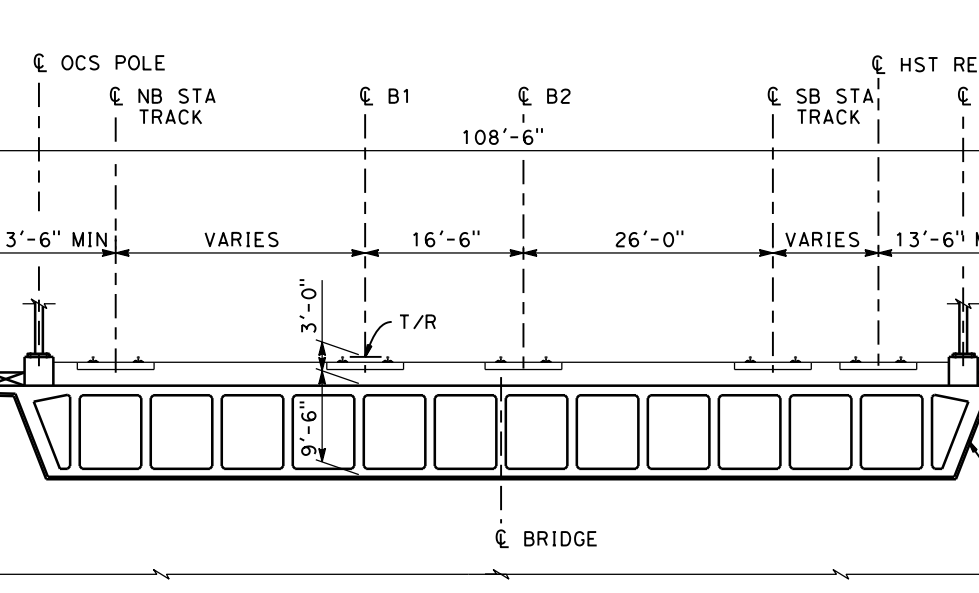
ELEVATION - HST BRIDGE



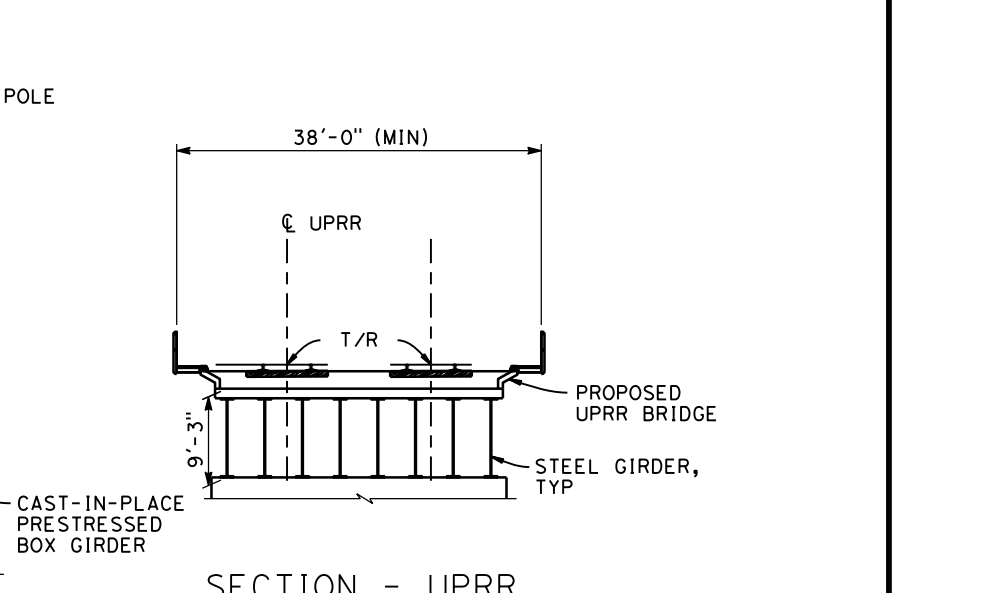
ELEVATION - UPRR BRIDGE

ELEVATIONS - 6TH ST
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

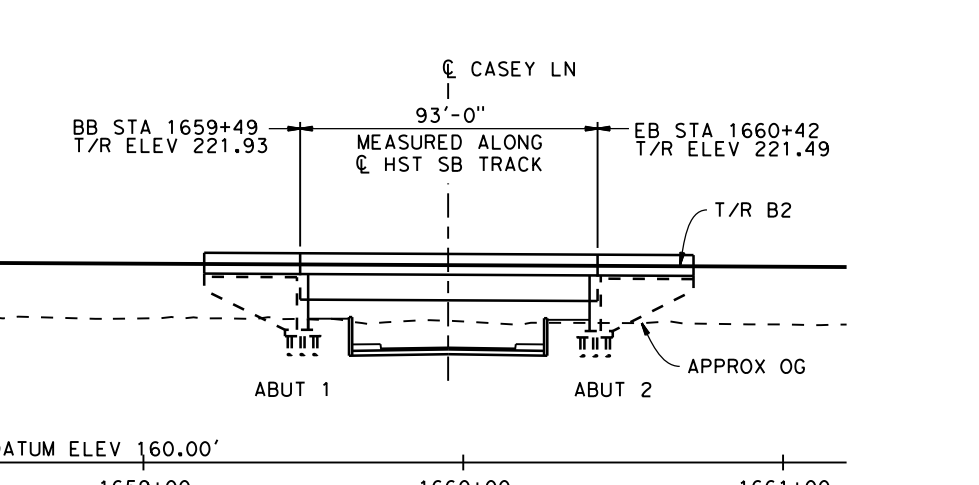


SECTION - HST

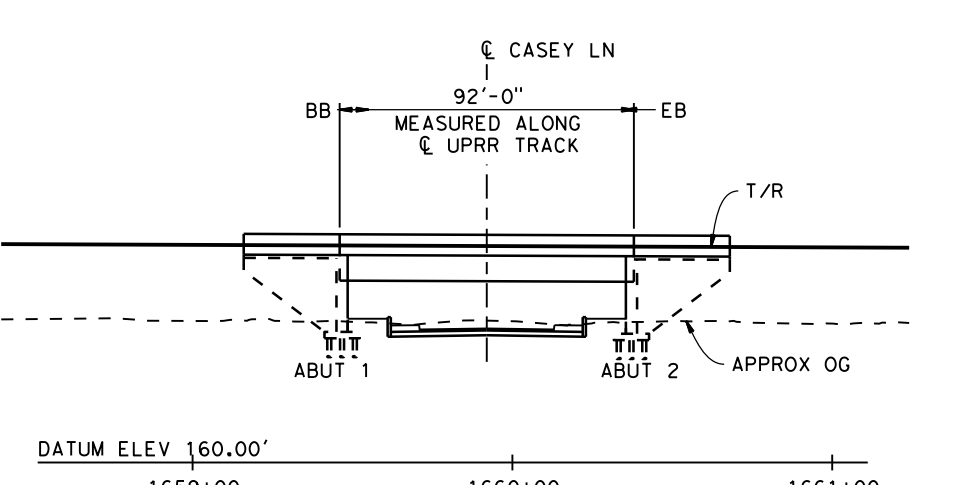


SECTION - UPRR

SECTION - 6TH ST
SCALE: 1"=20'-0"



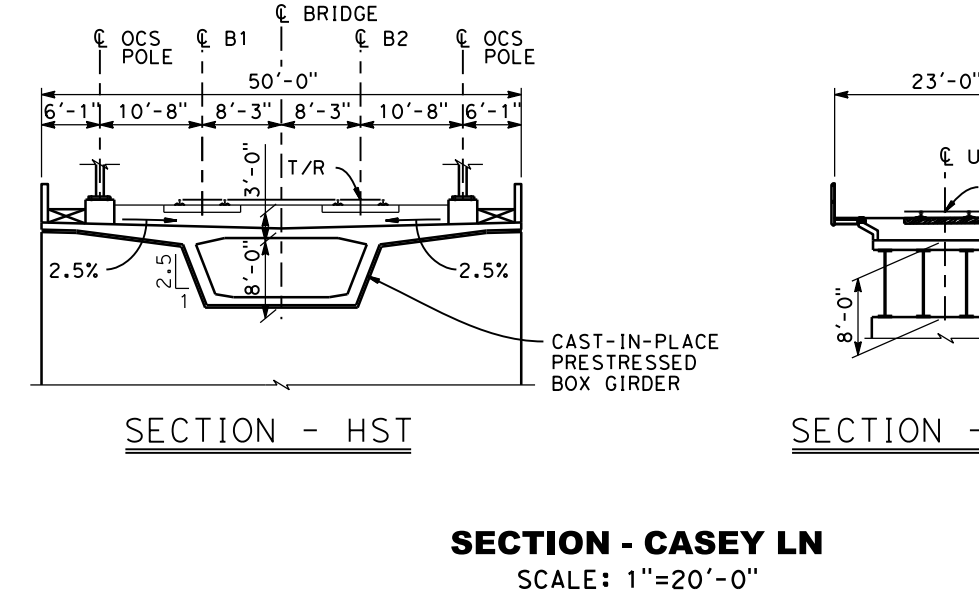
DEVELOPED ELEVATION - HST BRIDGE



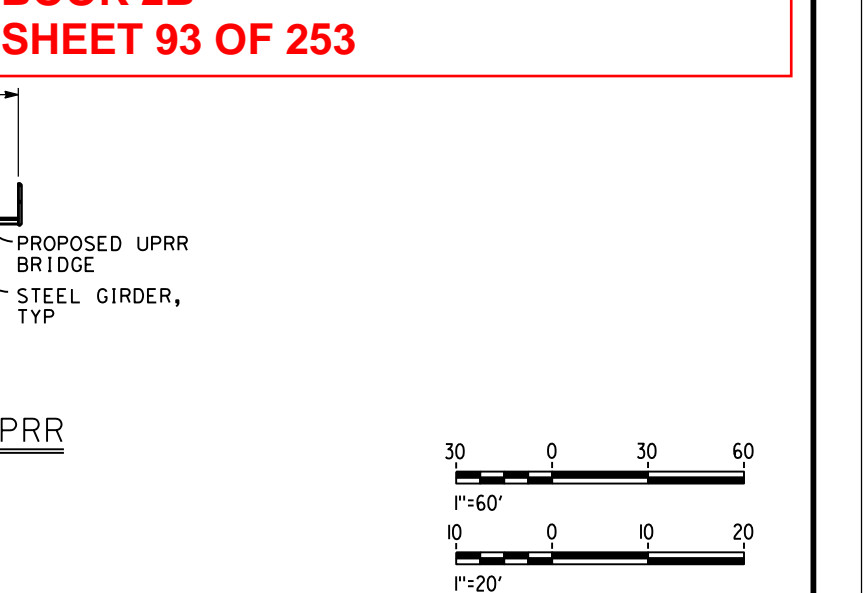
DEVELOPED ELEVATION - UPRR BRIDGE

ELEVATIONS - CASEY LN
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

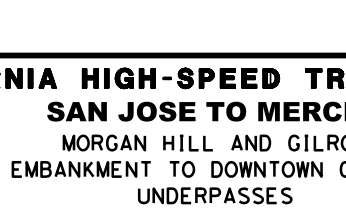


SECTION - HST



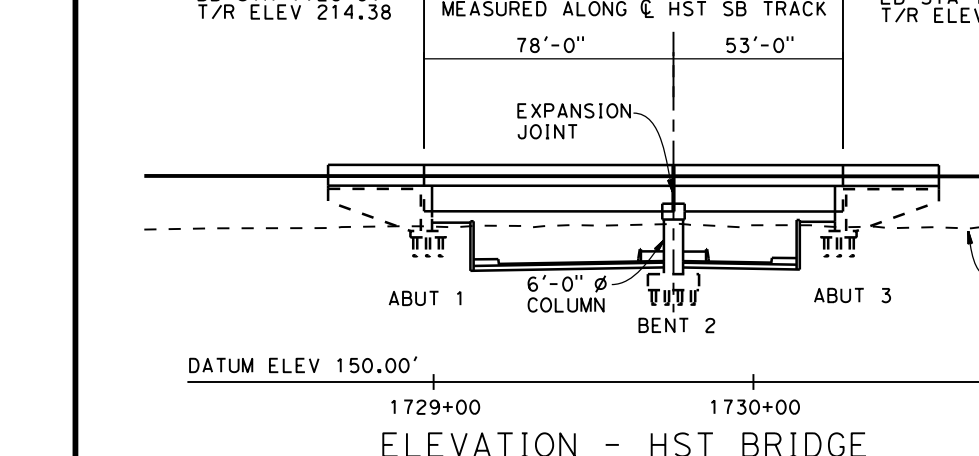
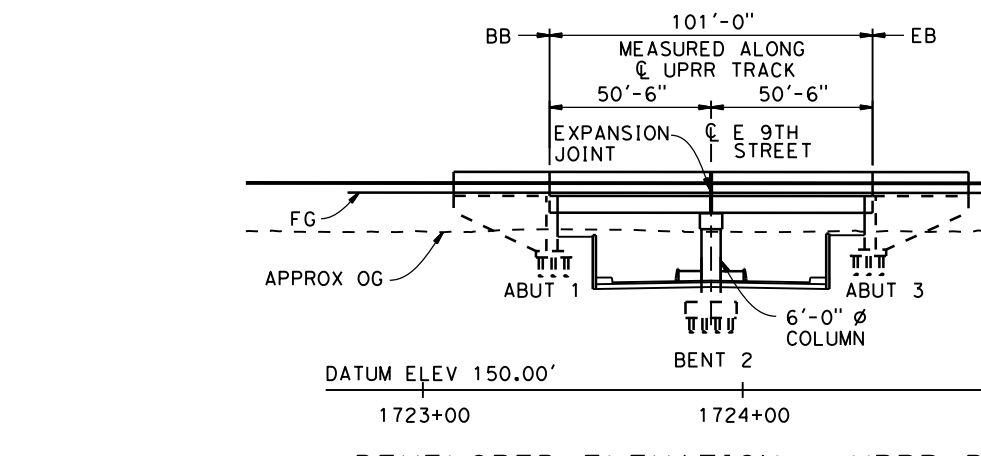
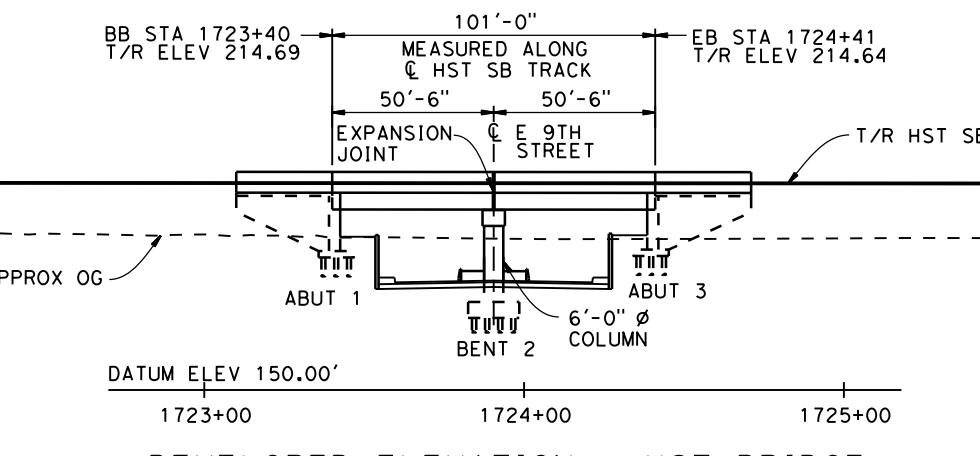
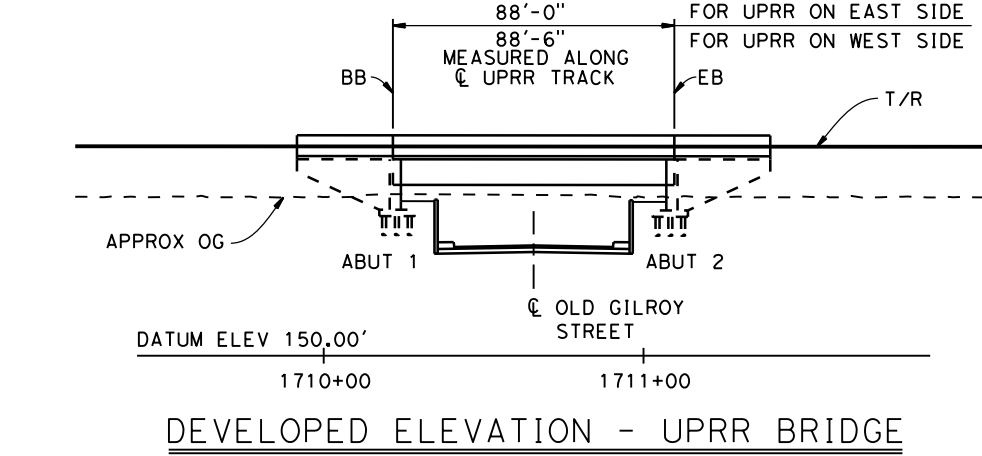
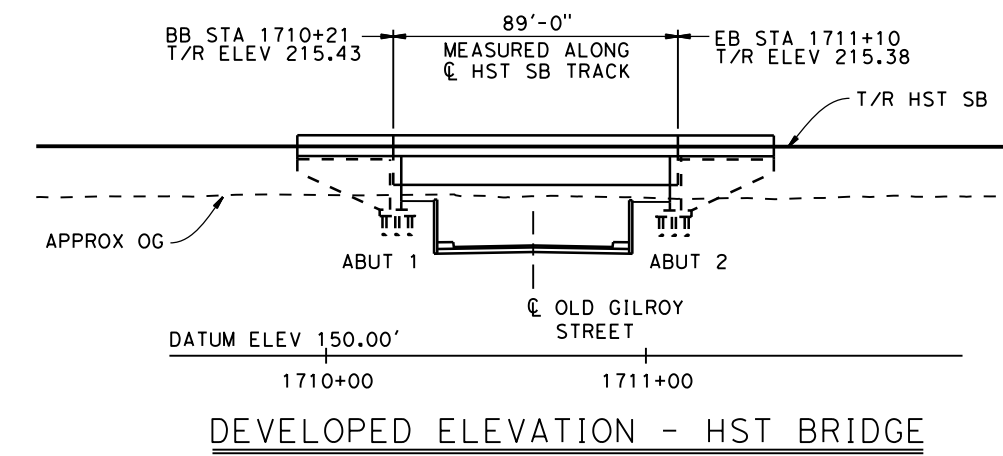
SECTION - UPRR

SECTION - CASEY LN
SCALE: 1"=20'-0"



**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 93 OF 253**

RECORD PERM SUBMITTAL MAY 3, 2019 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY UNDERPASSES GENERAL PLAN 2 OF 3	CONTRACT NO. HSR15-34 DRAWING NO. ST-T1002 SCALE AS SHOWN SHEET NO.
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ELEVATIONS - OLD GILROY
SCALE: 1"=60'-0"

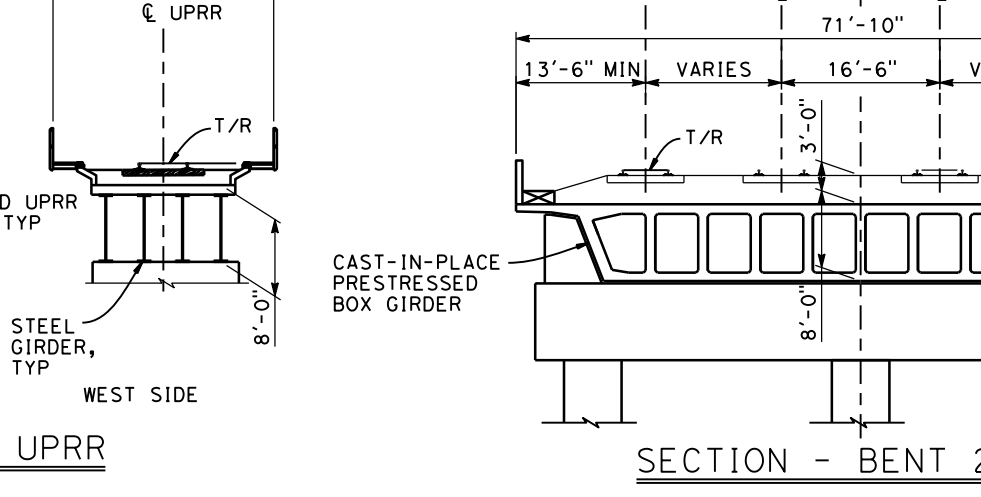
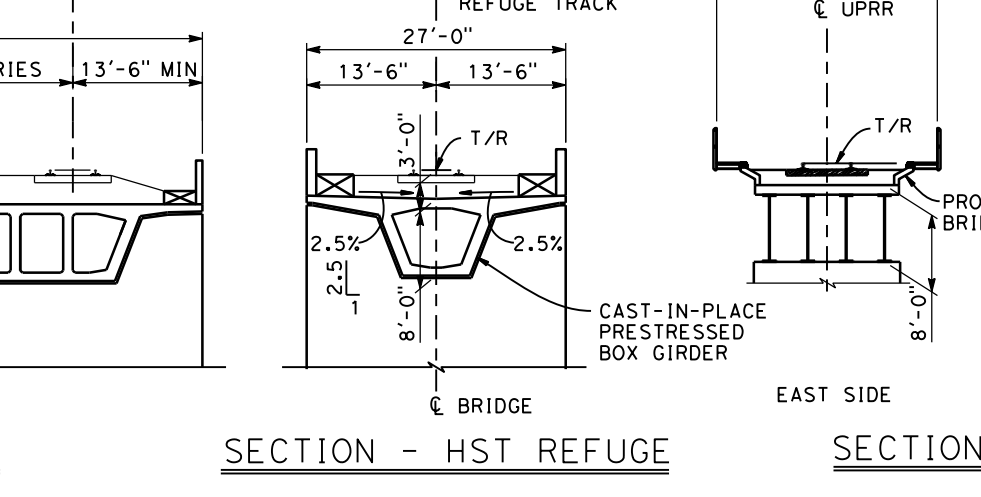
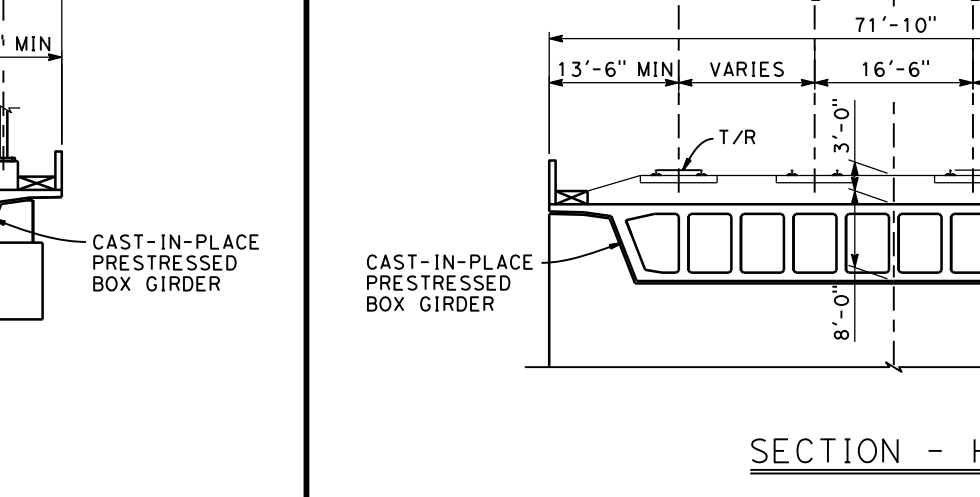
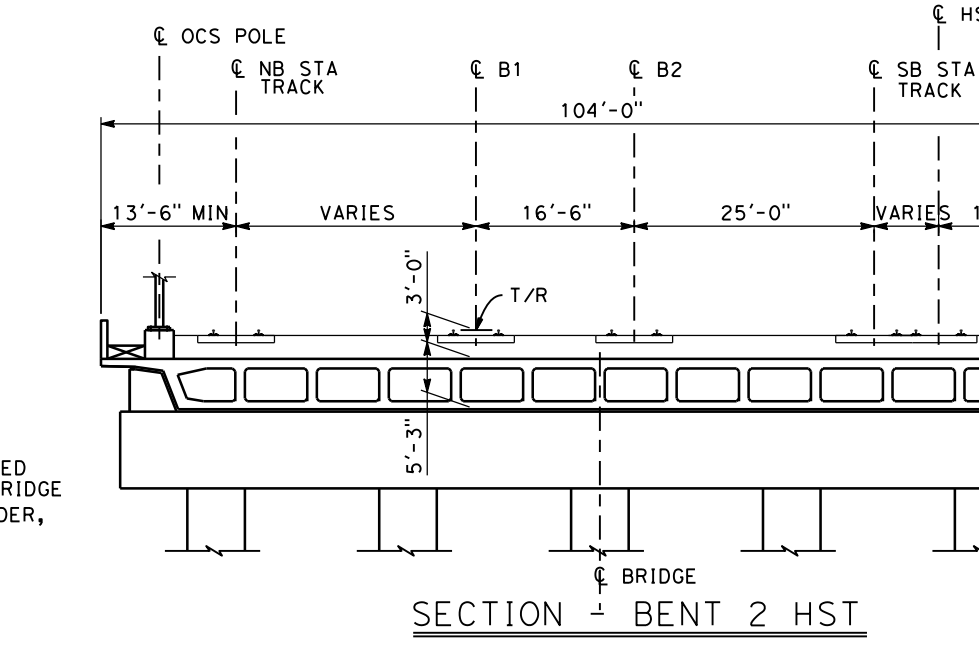
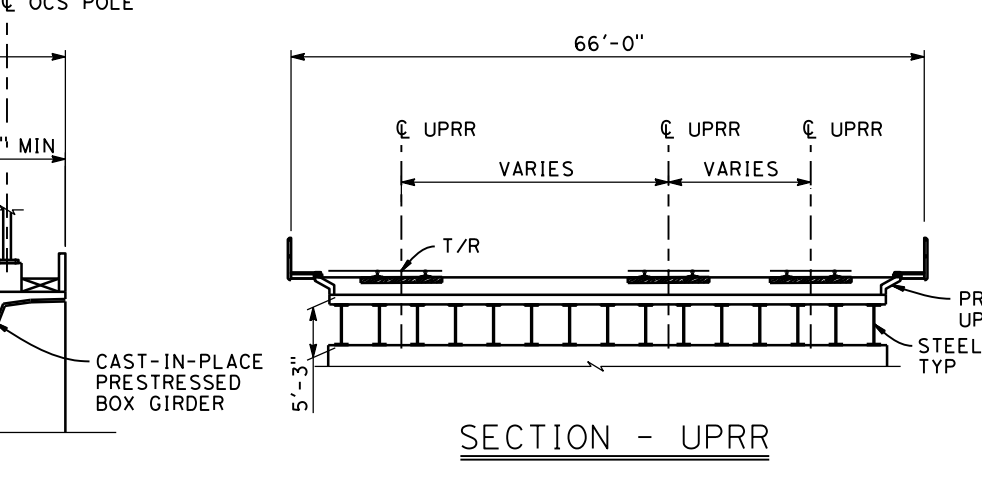
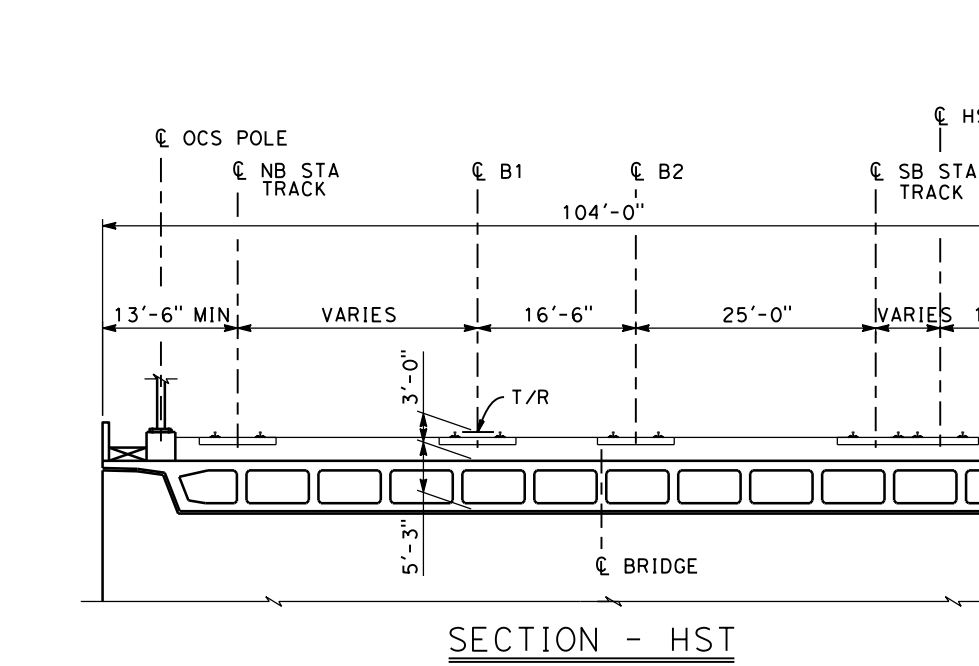
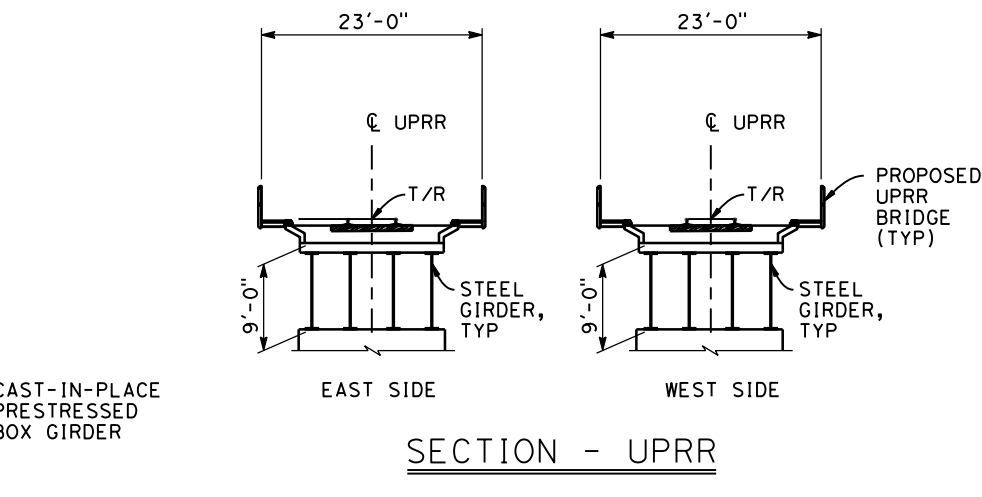
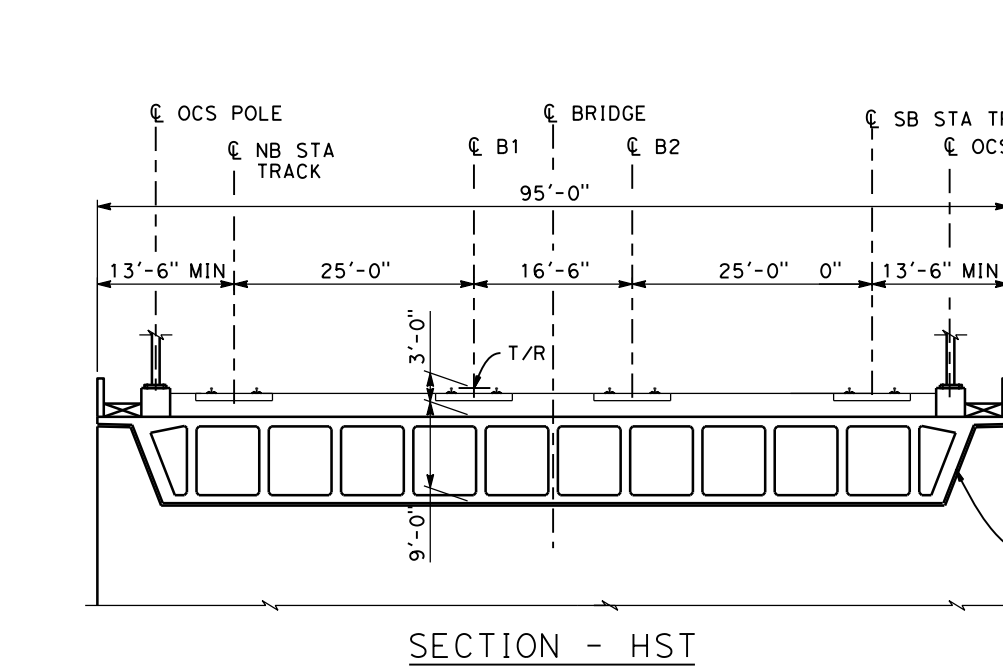
NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

ELEVATIONS - E 9TH ST
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1007

ELEVATIONS - E 10TH ST
SCALE: 1"=60'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1007



SECTION - OLD GILROY
SCALE: 1"=20'-0"

SECTION - UPRR
SCALE: 1"=20'-0"

SECTION - HST
SCALE: 1"=20'-0"

SECTION - UPRR
SCALE: 1"=20'-0"

SECTION - BENT 2 HST
SCALE: 1"=20'-0"

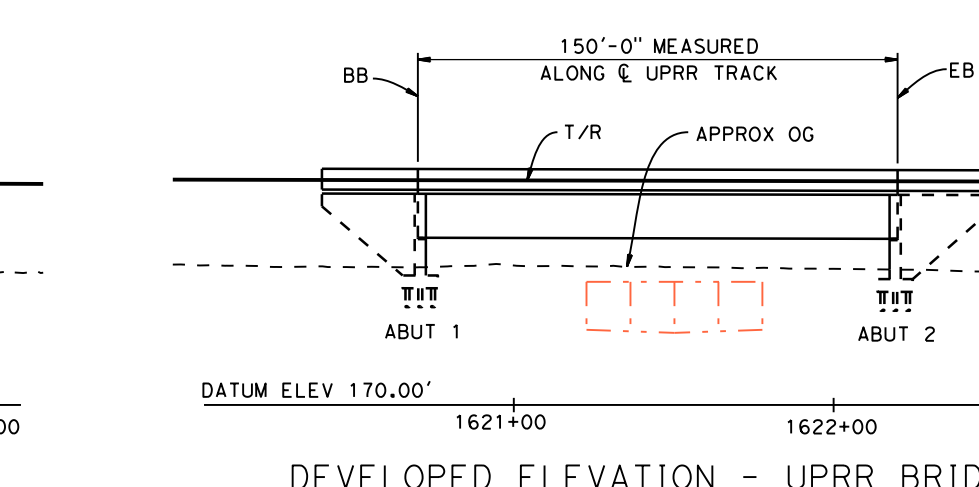
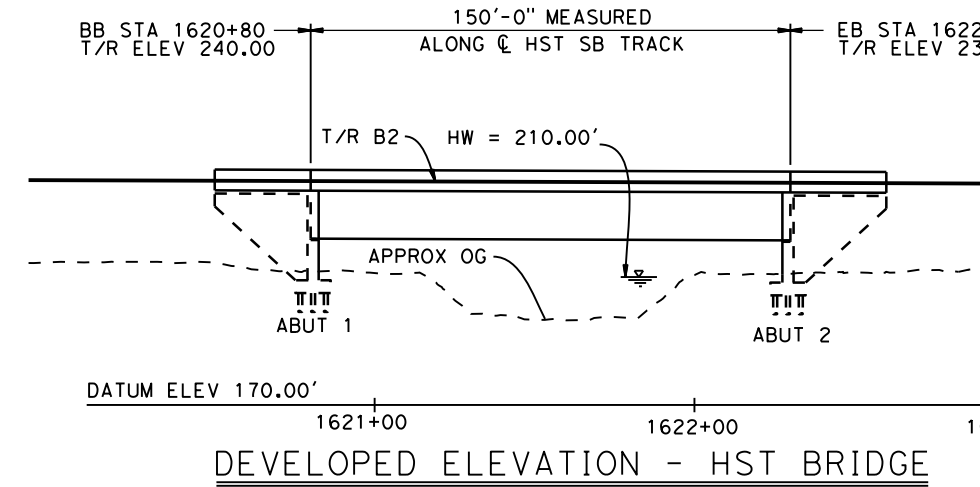
SECTION - HST
SCALE: 1"=20'-0"

SECTION - HST REFUGE
SCALE: 1"=20'-0"

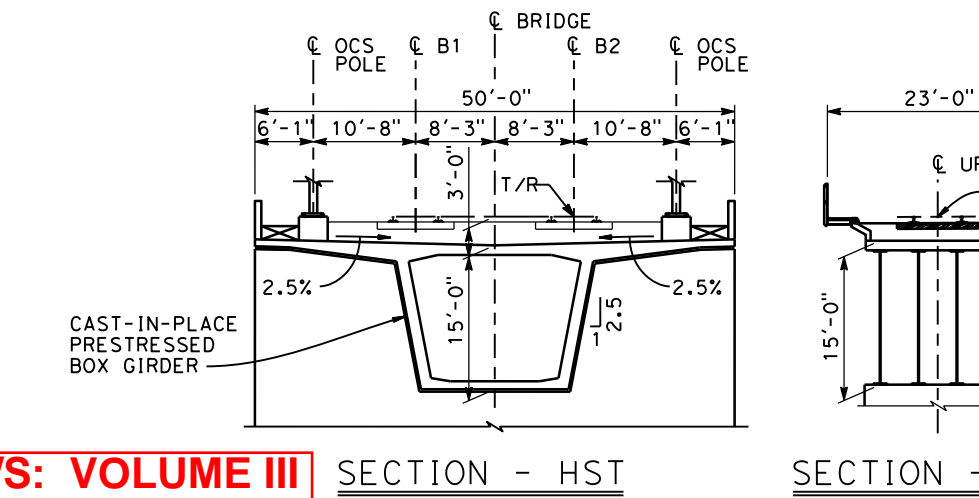
SECTION - UPRR
SCALE: 1"=20'-0"

SECTION - BENT 2 HST
SCALE: 1"=20'-0"

SECTION - E 10TH ST
SCALE: 1"=20'-0"

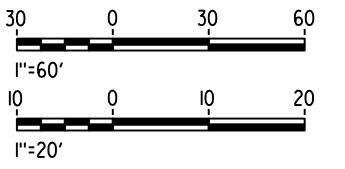


ELEVATIONS - LLAGAS CREEK
SCALE: 1"=60'-0"

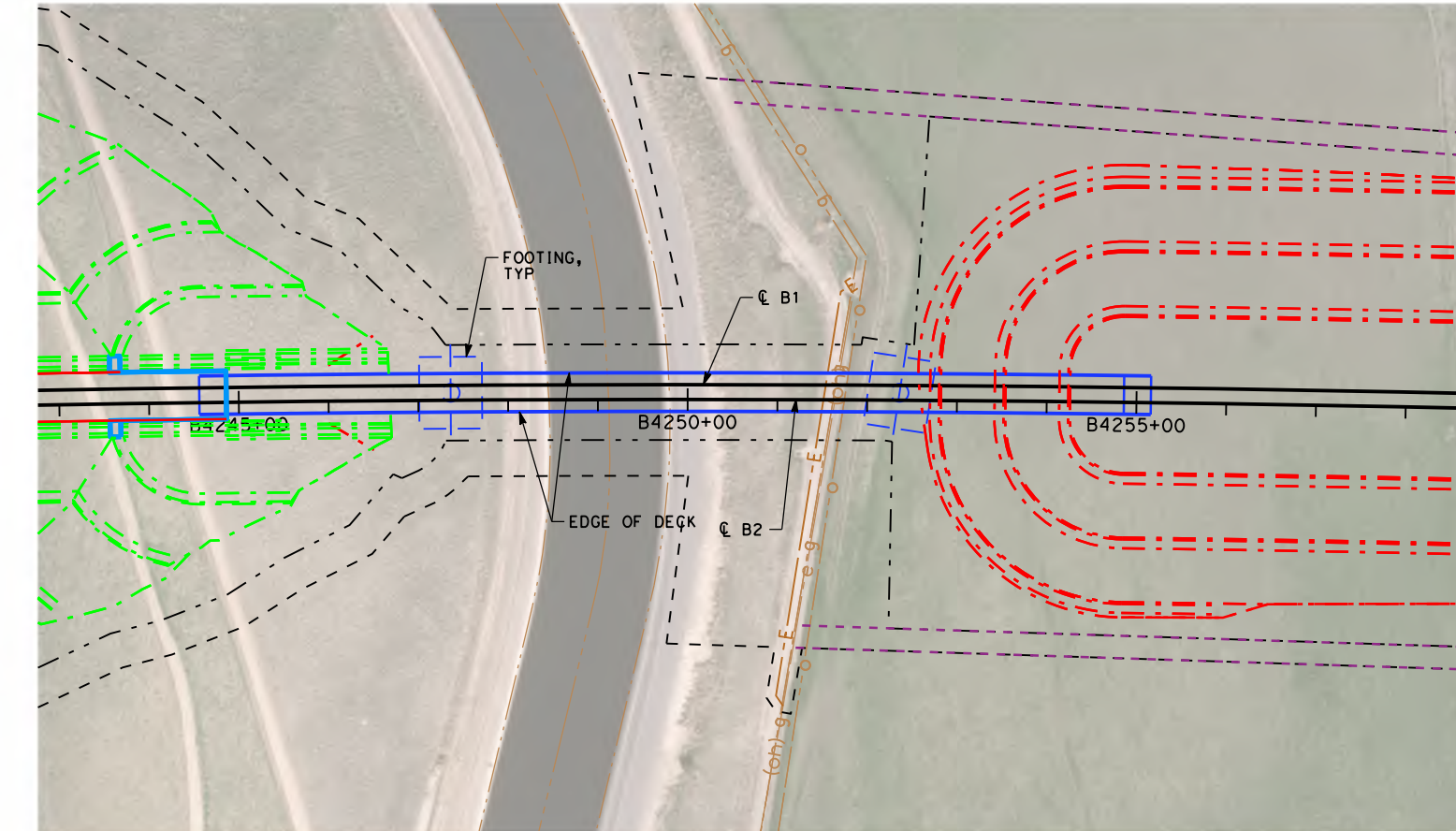


SECTION - LLAGAS CREEK
SCALE: 1"=20'-0"

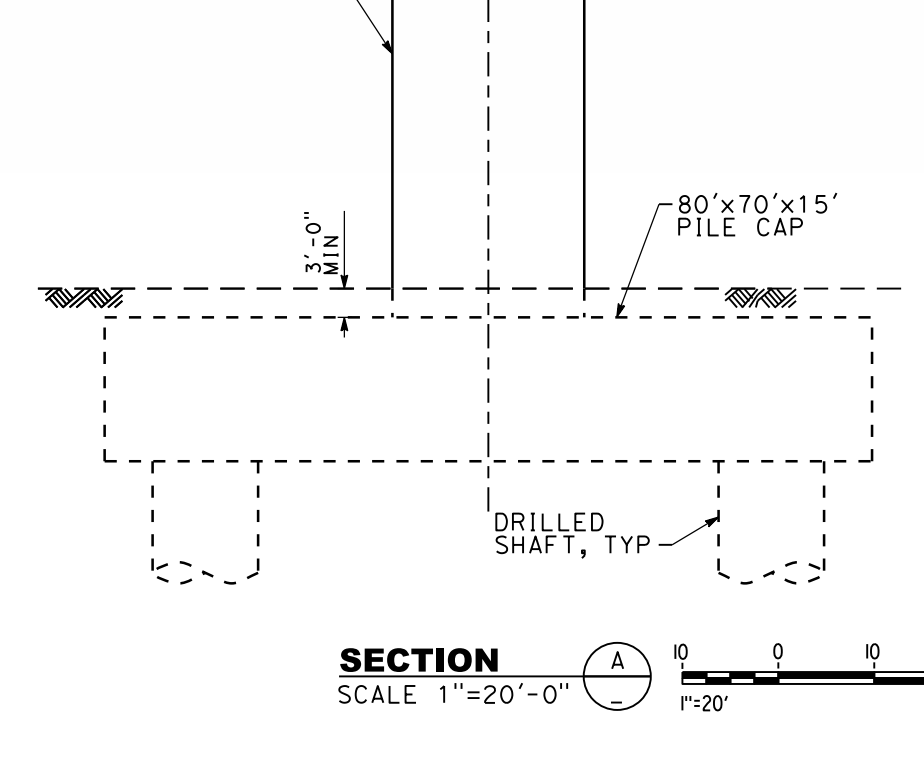
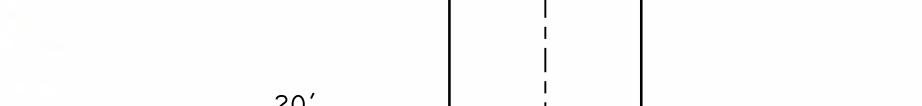
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 94 OF 253



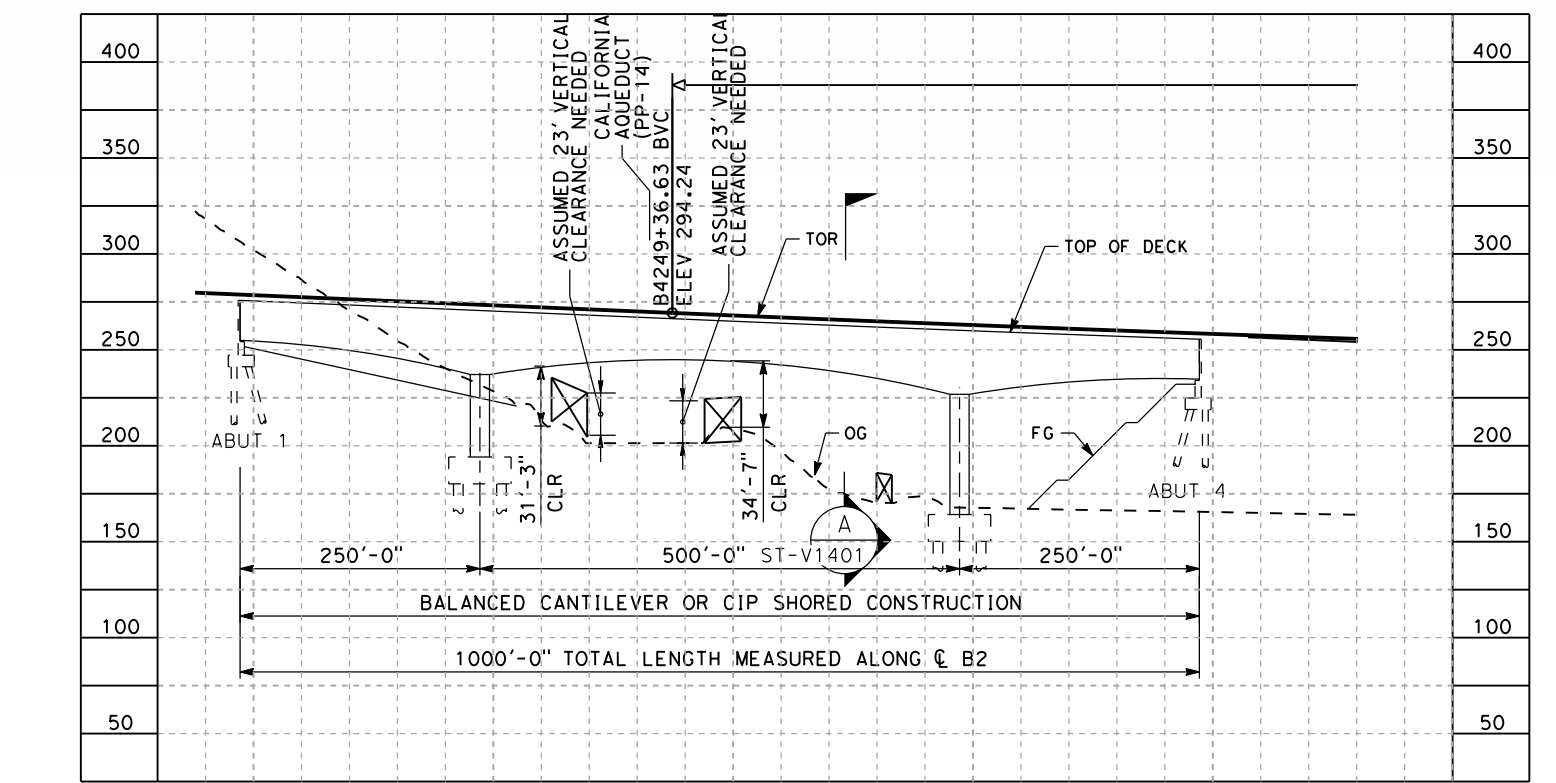
RECORD PERM MAY 3, 2019 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY UNDERPASSES GENERAL PLAN 3 OF 3	CONTRACT NO. HSR15-34 DRAWING NO. ST-T1003 SCALE AS SHOWN SHEET NO.
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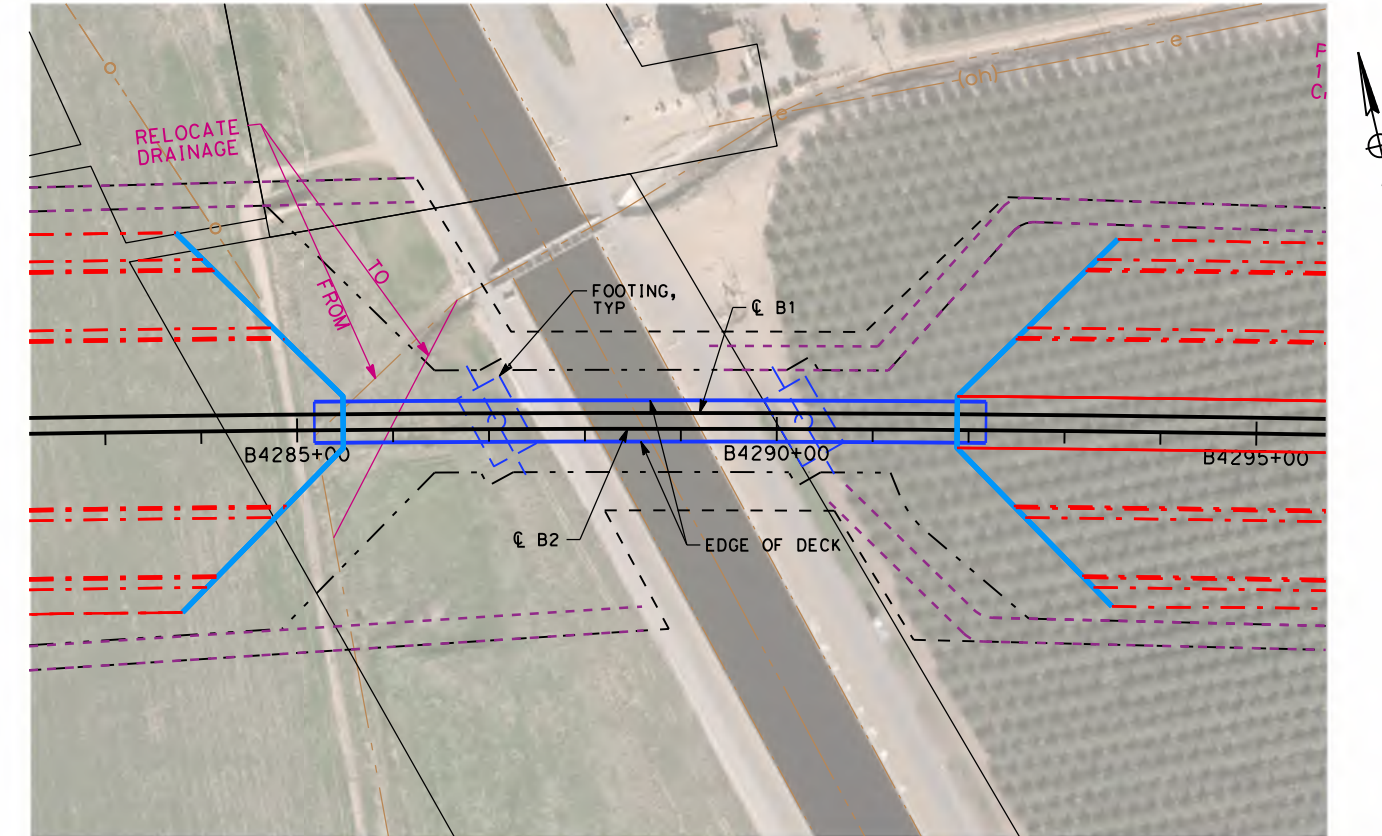
PLAN - CALIFORNIA AQUEDUCT
SCALE: 1"=200'



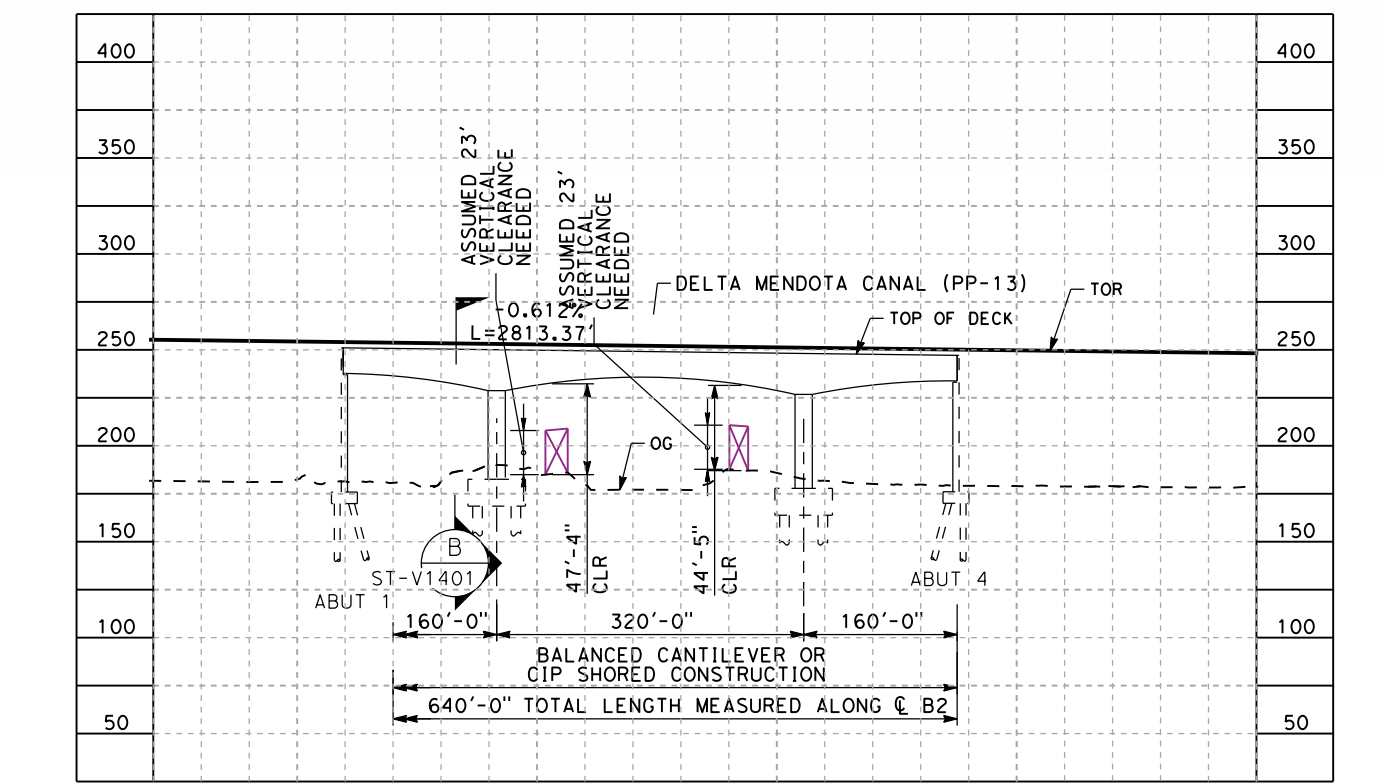
SECTION
SCALE 1"=20'-0"



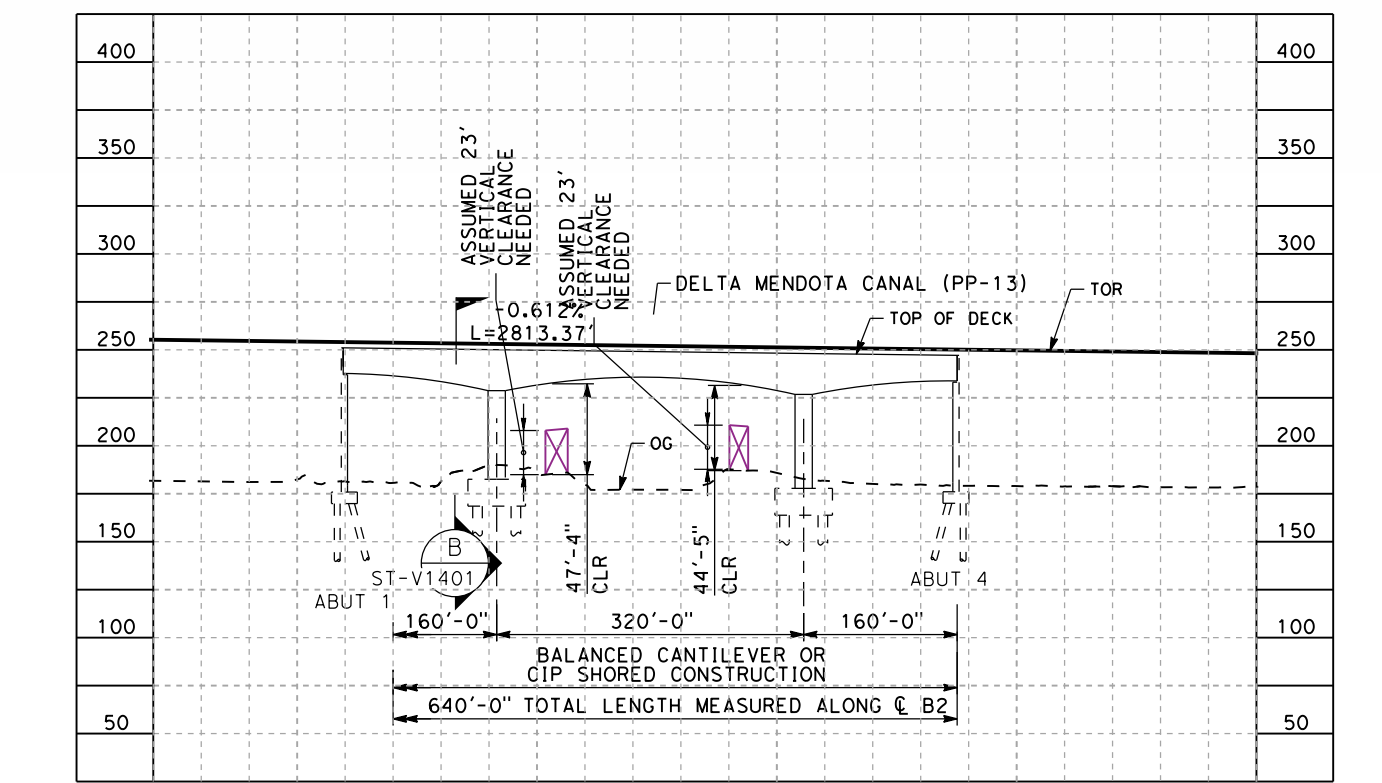
PROFILE - CALIFORNIA AQUEDUCT
SCALE: 1"=200' HOR, 1"=100' VERT



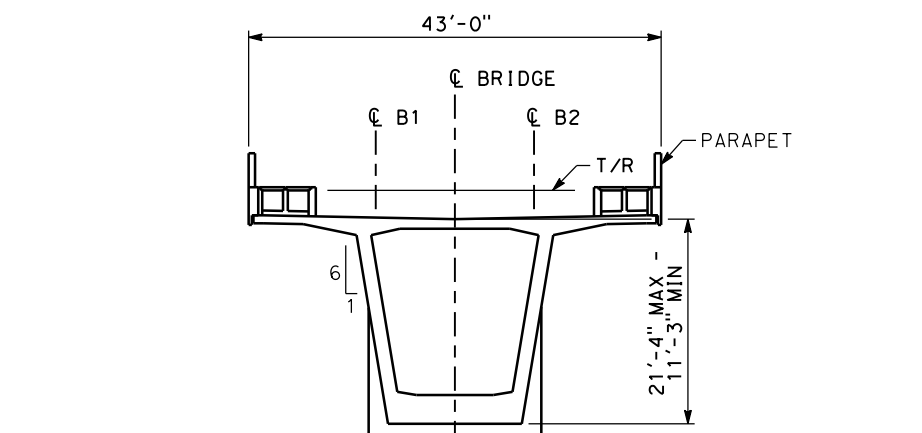
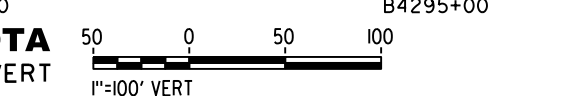
PLAN - DELTA MENDOTA
SCALE: 1"=200'



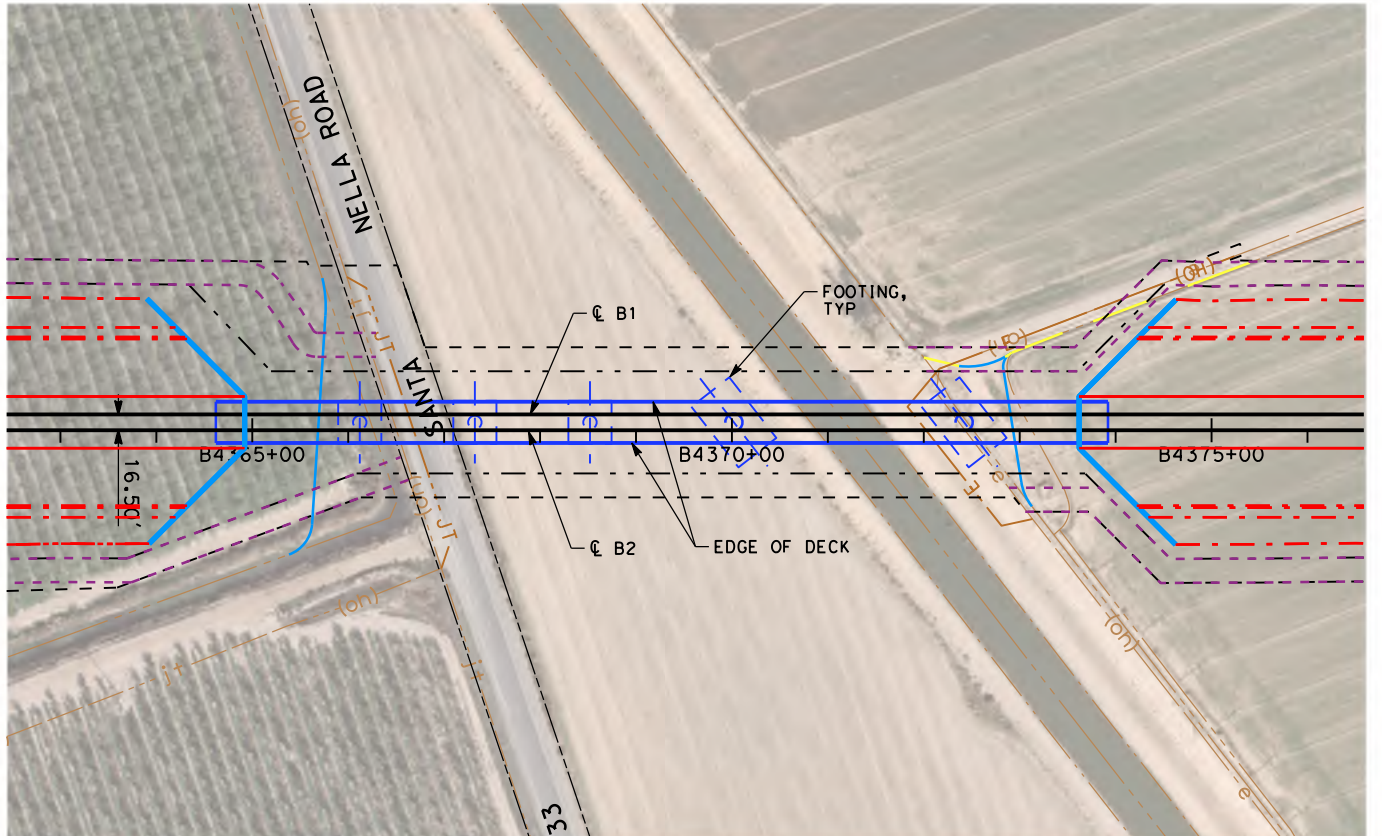
SECTION
SCALE 1"=20'-0"



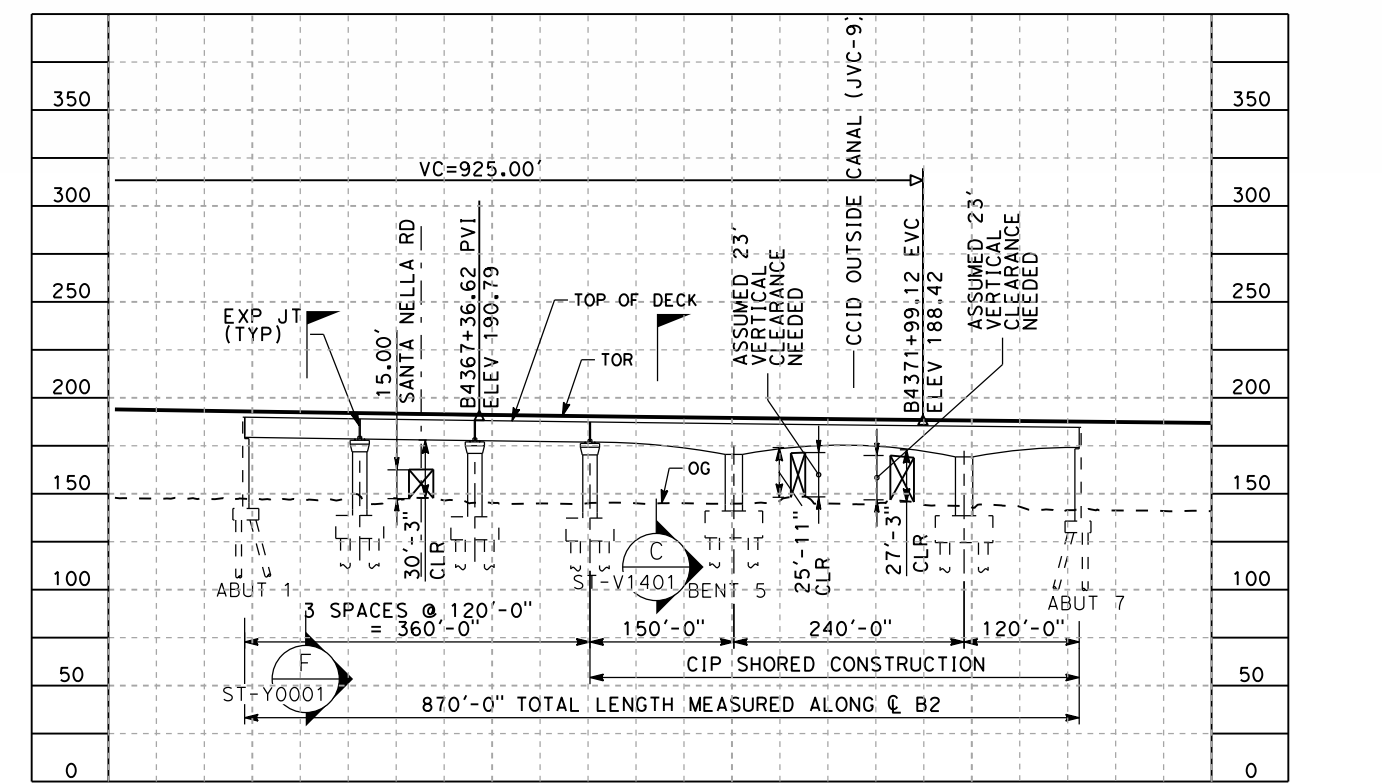
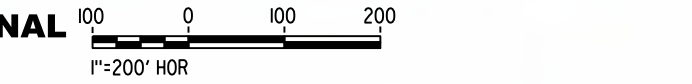
PROFILE - DELTA MENDOTA
SCALE: 1"=200' HOR, 1"=100' VERT



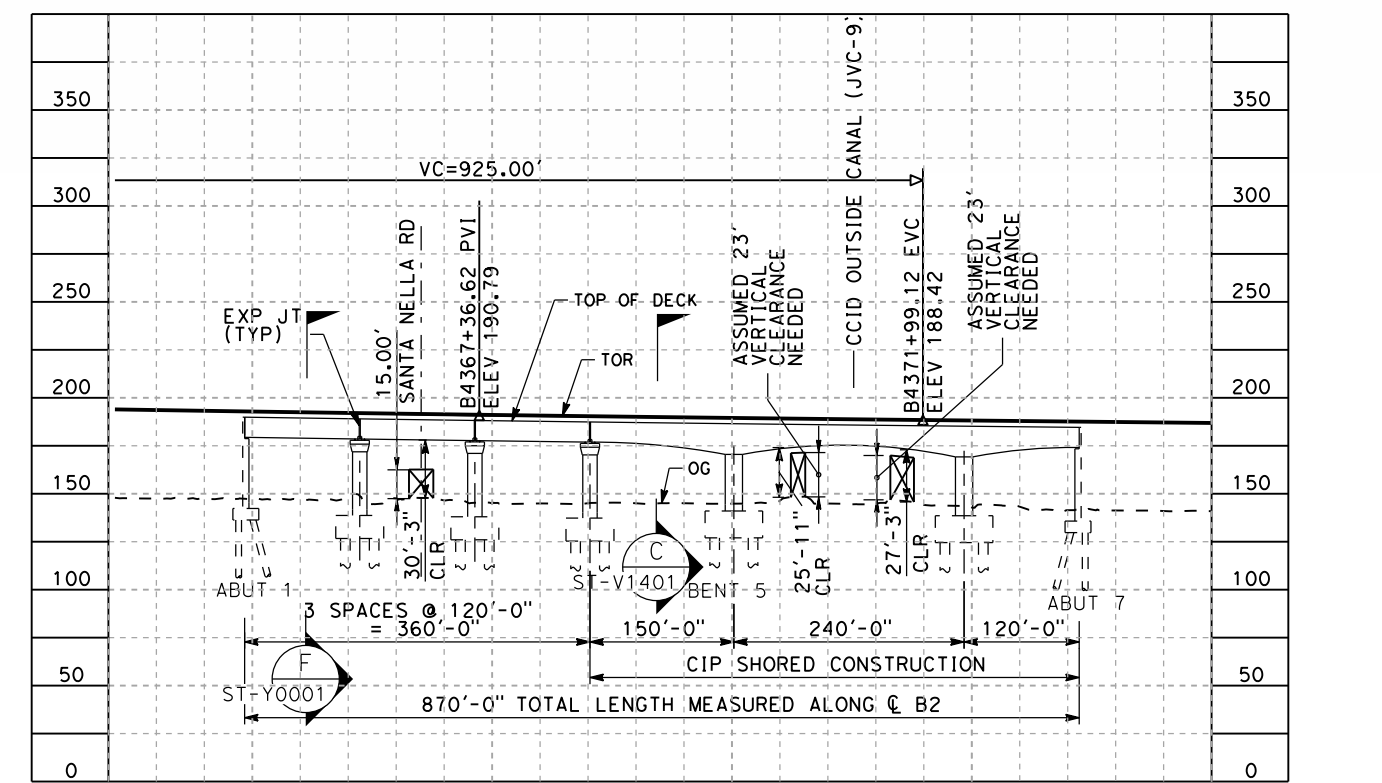
SECTION
SCALE 1"=20'-0"



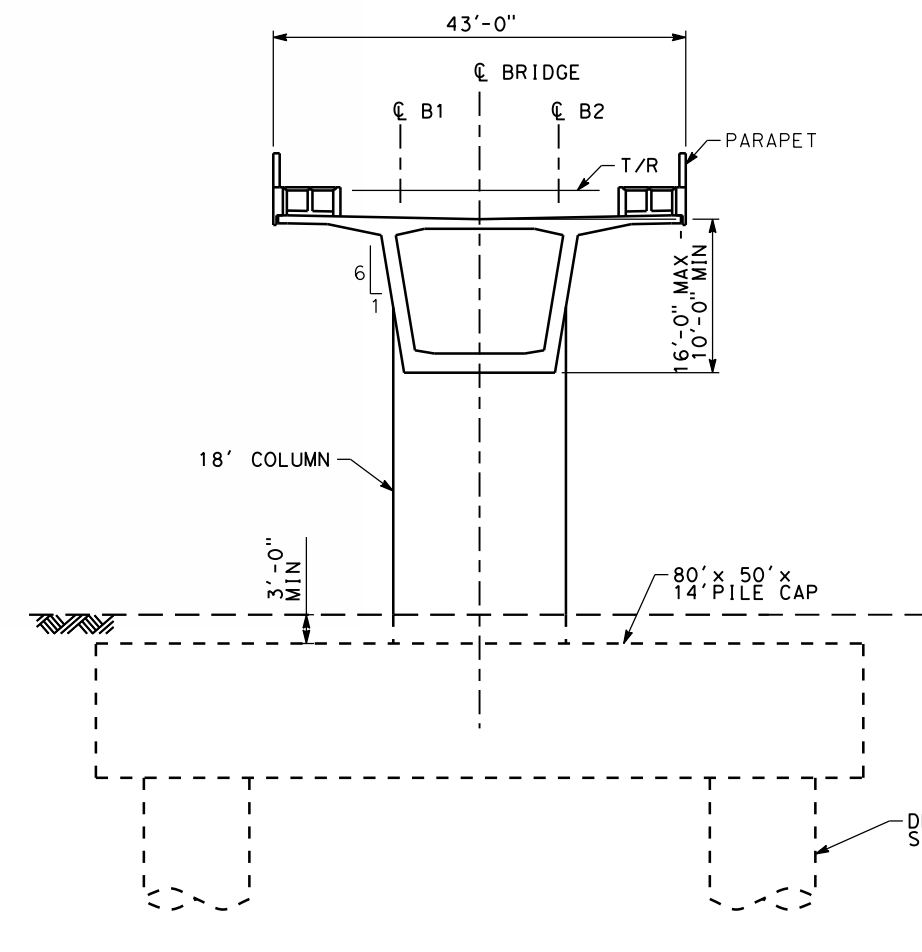
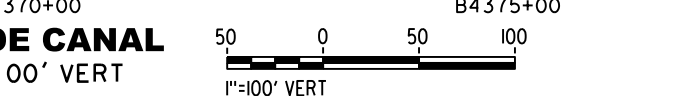
PLAN - CCID OUTSIDE CANAL
SCALE: 1"=200'



SECTION
SCALE 1"=20'-0"



PROFILE - CCID OUTSIDE CANAL
SCALE: 1"=200' HOR, 1"=100' VERT



SECTION
SCALE 1"=20'-0"

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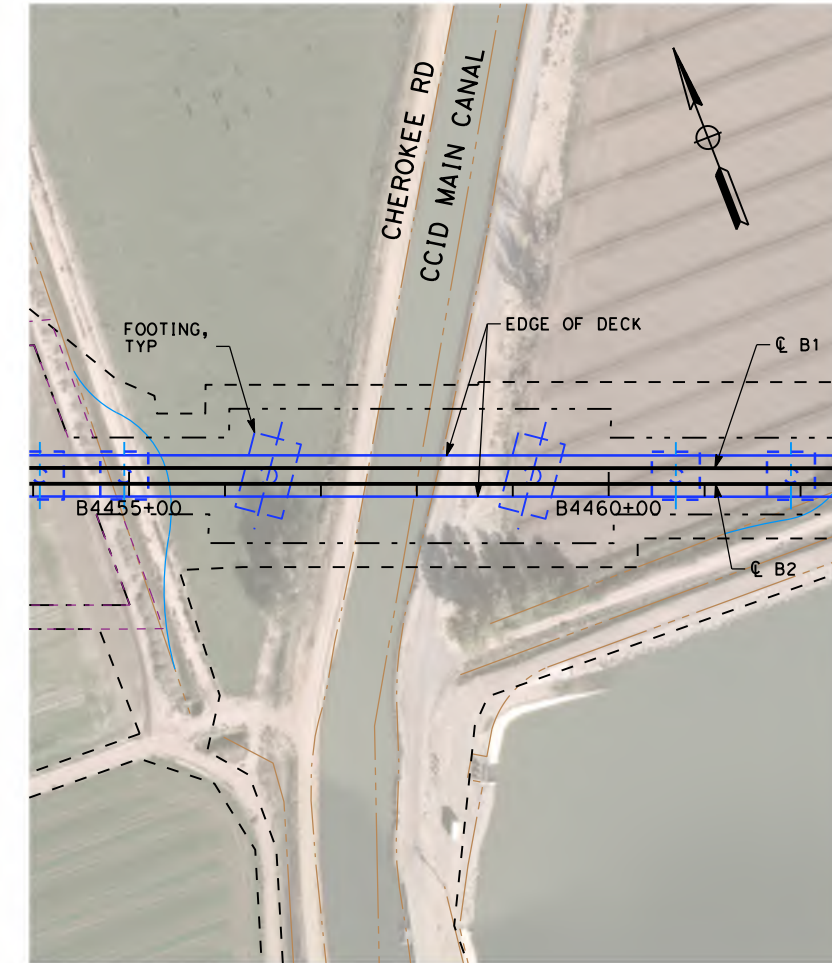
CALIFORNIA
High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
PACHECO PASS TUNNEL
COMPLEX STRUCTURES
GENERAL PLAN

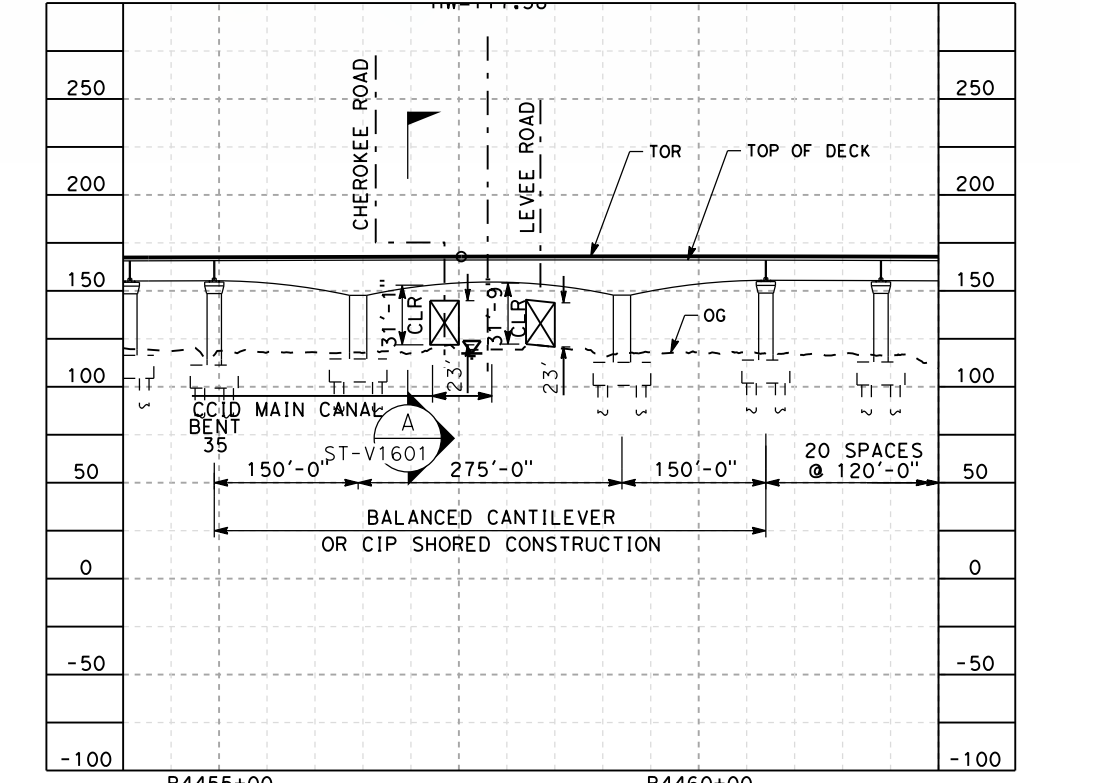
CONTRACT NO. HSR15-34
DRAWING NO. ST-V1401
SCALE: AS SHOWN
SHEET NO.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 95 OF 253

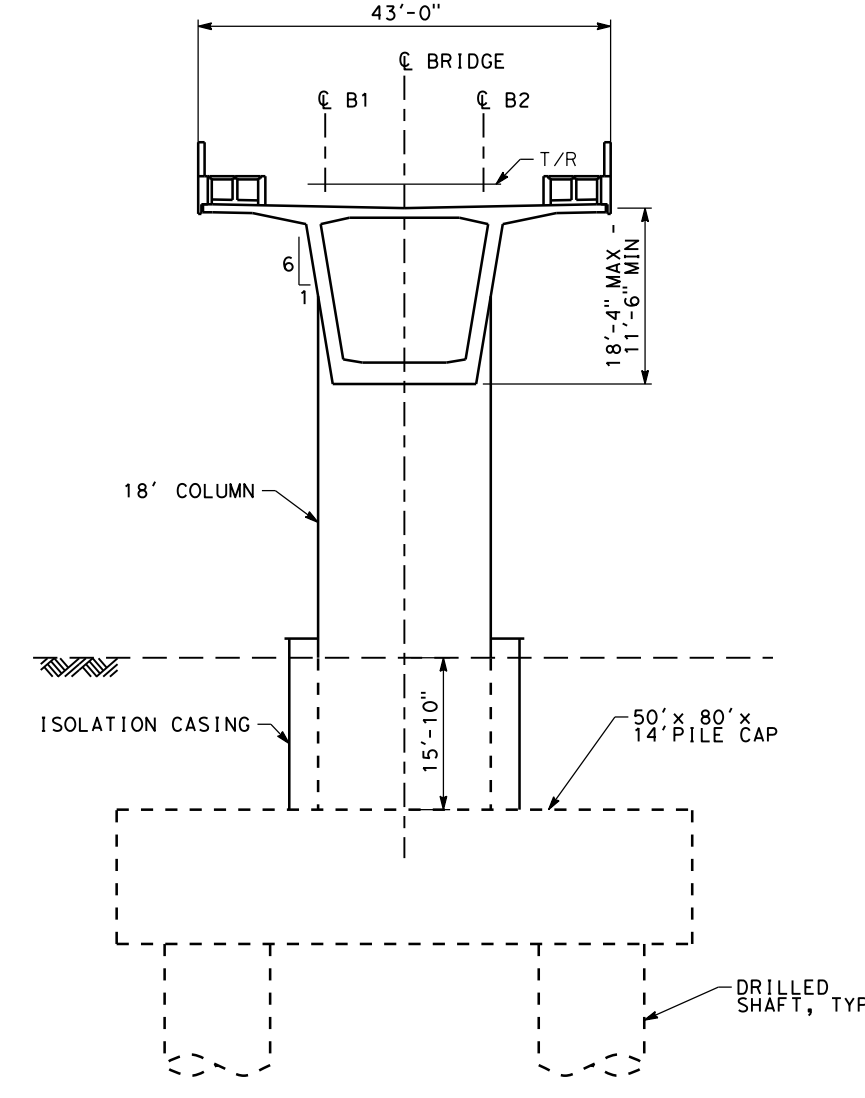
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



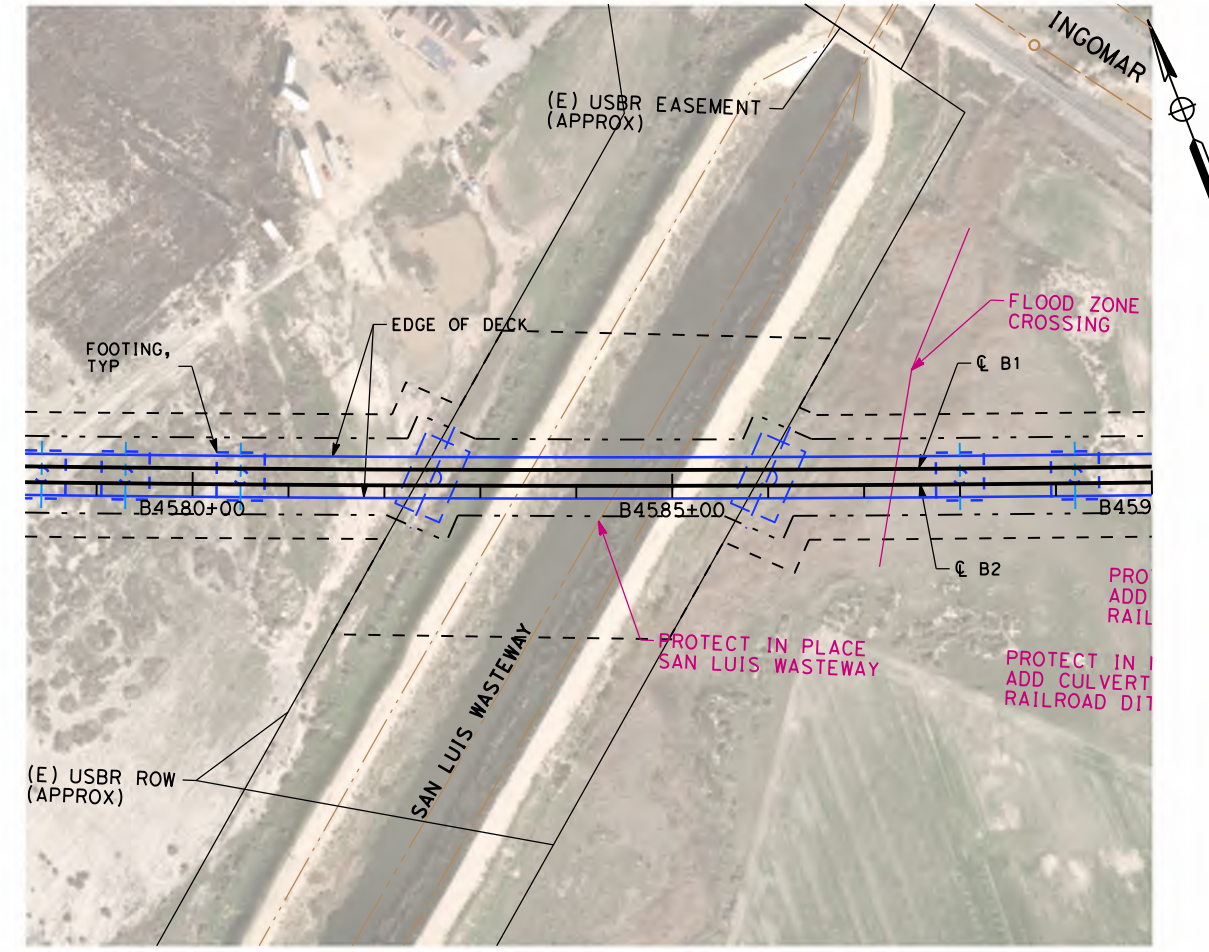
PLAN - CHEROKEE (LEVEE) RD
SCALE: 1"=200'



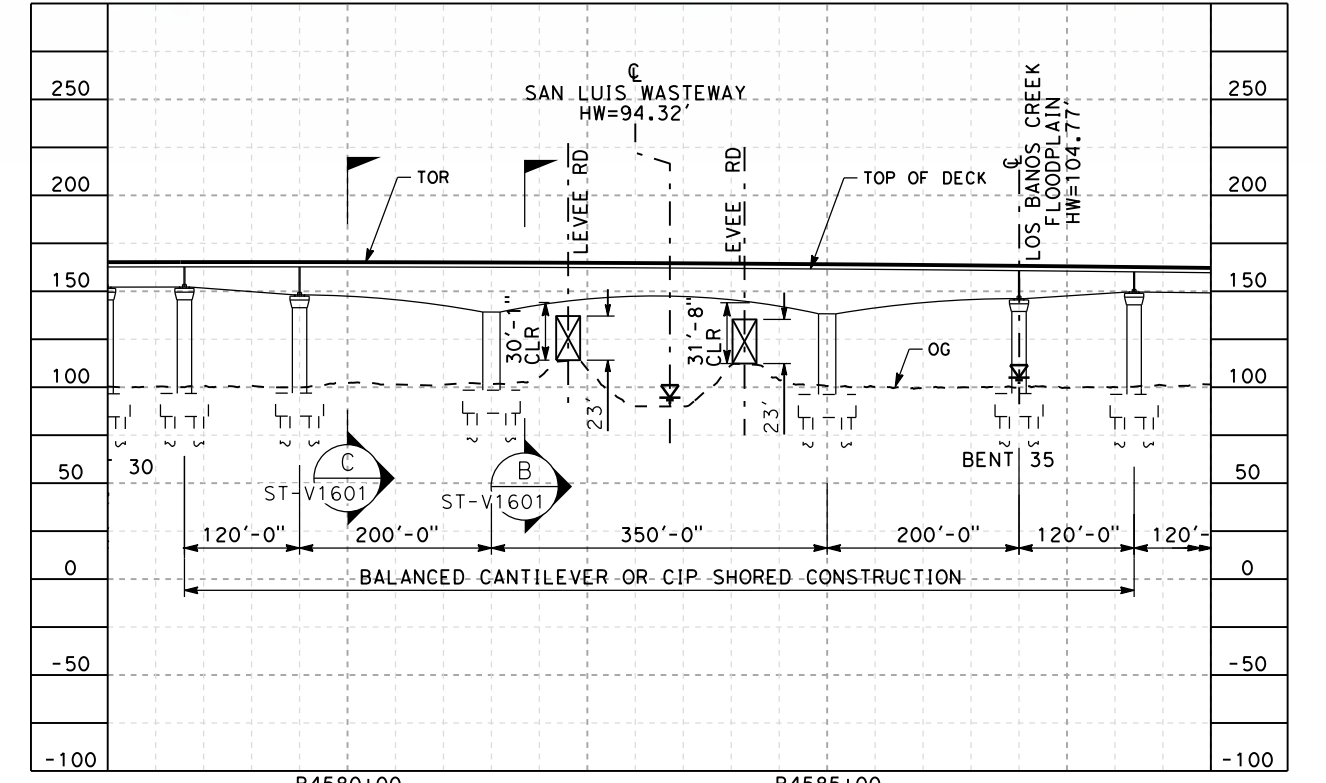
PROFILE - CHEROKEE (LEVEE) RD
SCALE: 1"=200' HOR, 1"=100' VERT



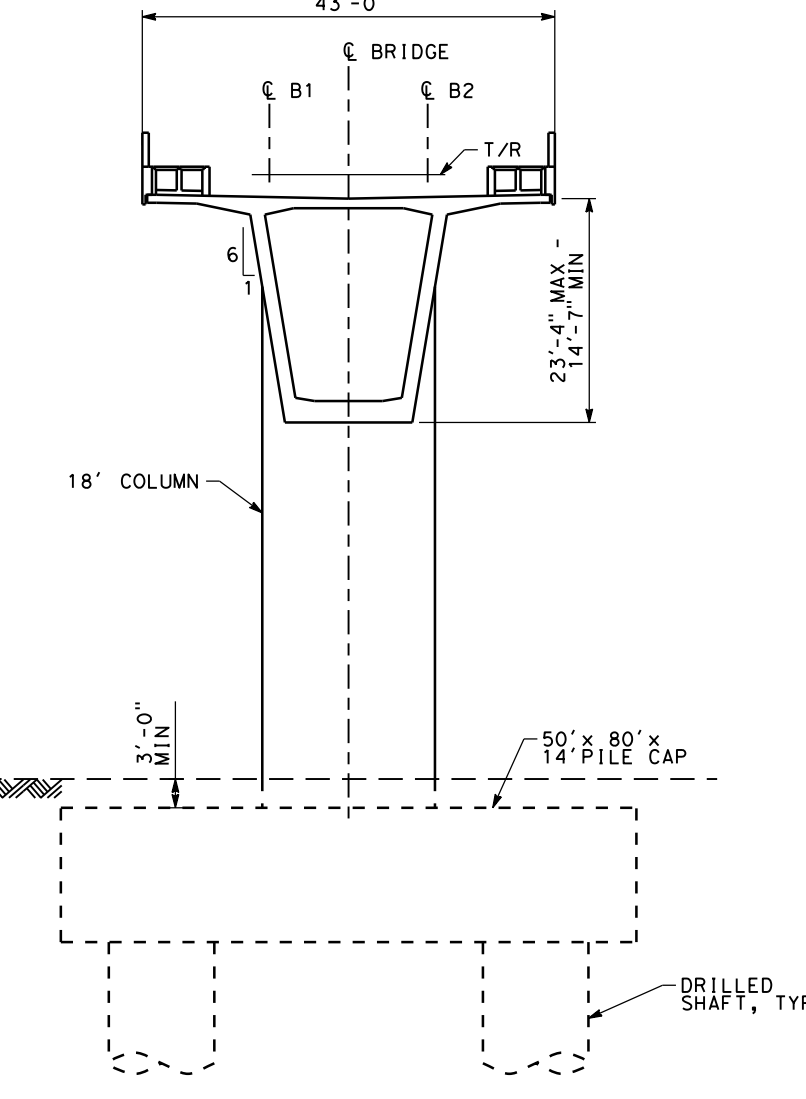
SECTION A-A
SCALE 1"=20'-0"



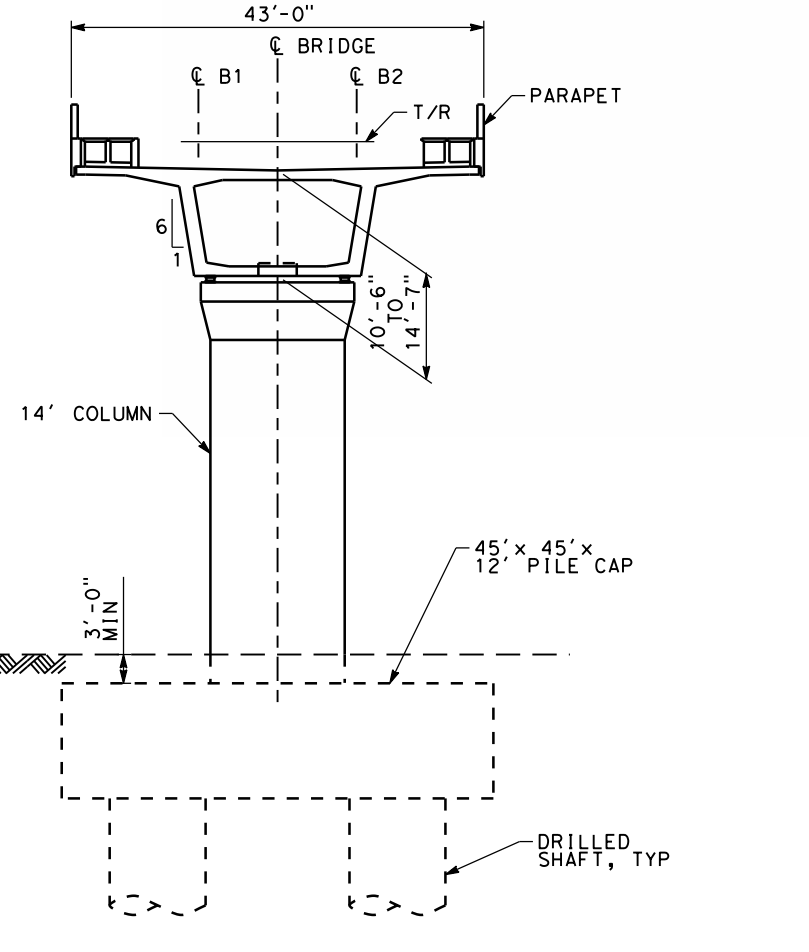
PLAN - SAN LUIS WASTEWAY
SCALE: 1"=200'



PROFILE - SAN LUIS WASTEWAY
SCALE: 1"=200' HOR, 1"=100' VERT



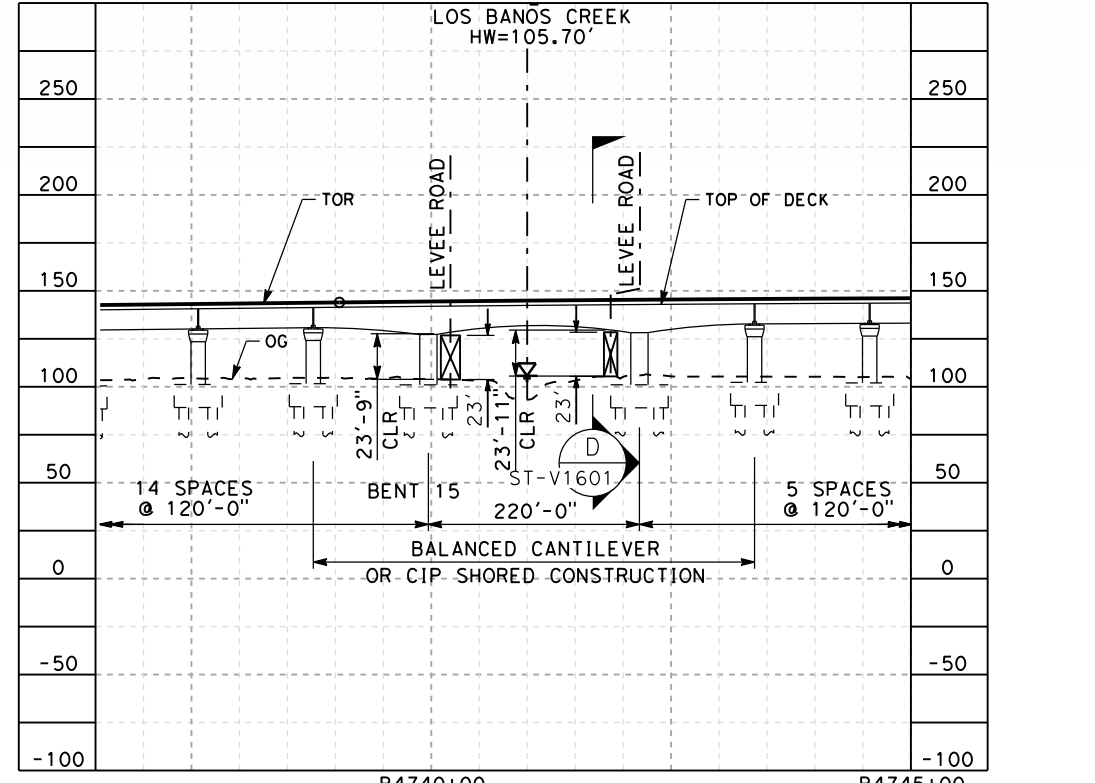
SECTION B-B
SCALE 1"=20'-0"



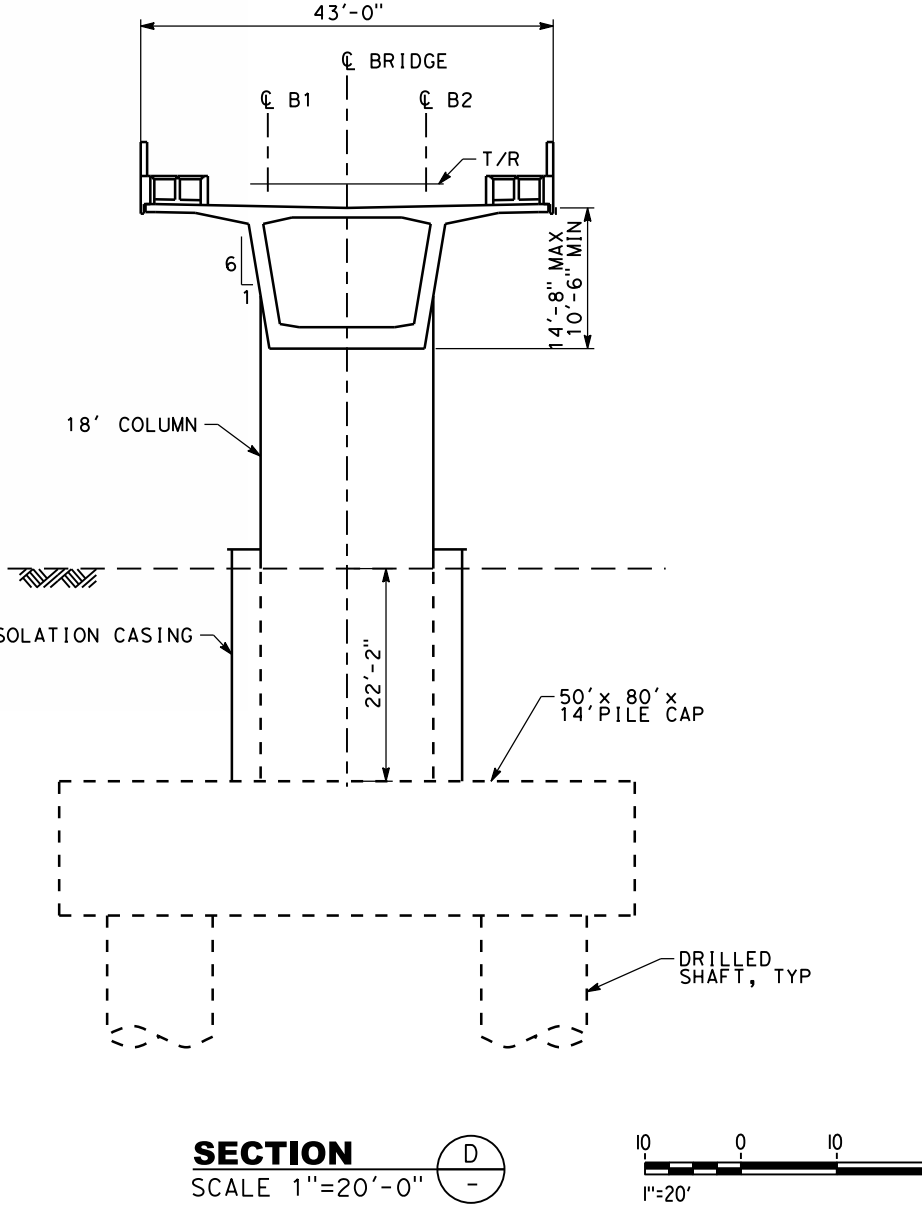
SECTION C-C
SCALE 1"=20'-0"



PLAN - LOS BANOS CREEK
SCALE: 1"=200'



PROFILE - LOS BANOS CREEK
SCALE: 1"=200' HOR, 1"=100' VERT



SECTION D-D
SCALE 1"=20'-0"

NOTE:
REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
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BOOK 2B
SHEET 96 OF 253

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SAN JOAQUIN VALLEY
SAN JOAQUIN VALLEY
HENRY MILLER ROAD
COMPLEX STRUCTURES
GENERAL PLAN

CONTRACT NO. HSR15-34
DRAWING NO. ST-V1601
SCALE AS SHOWN
SHEET NO.