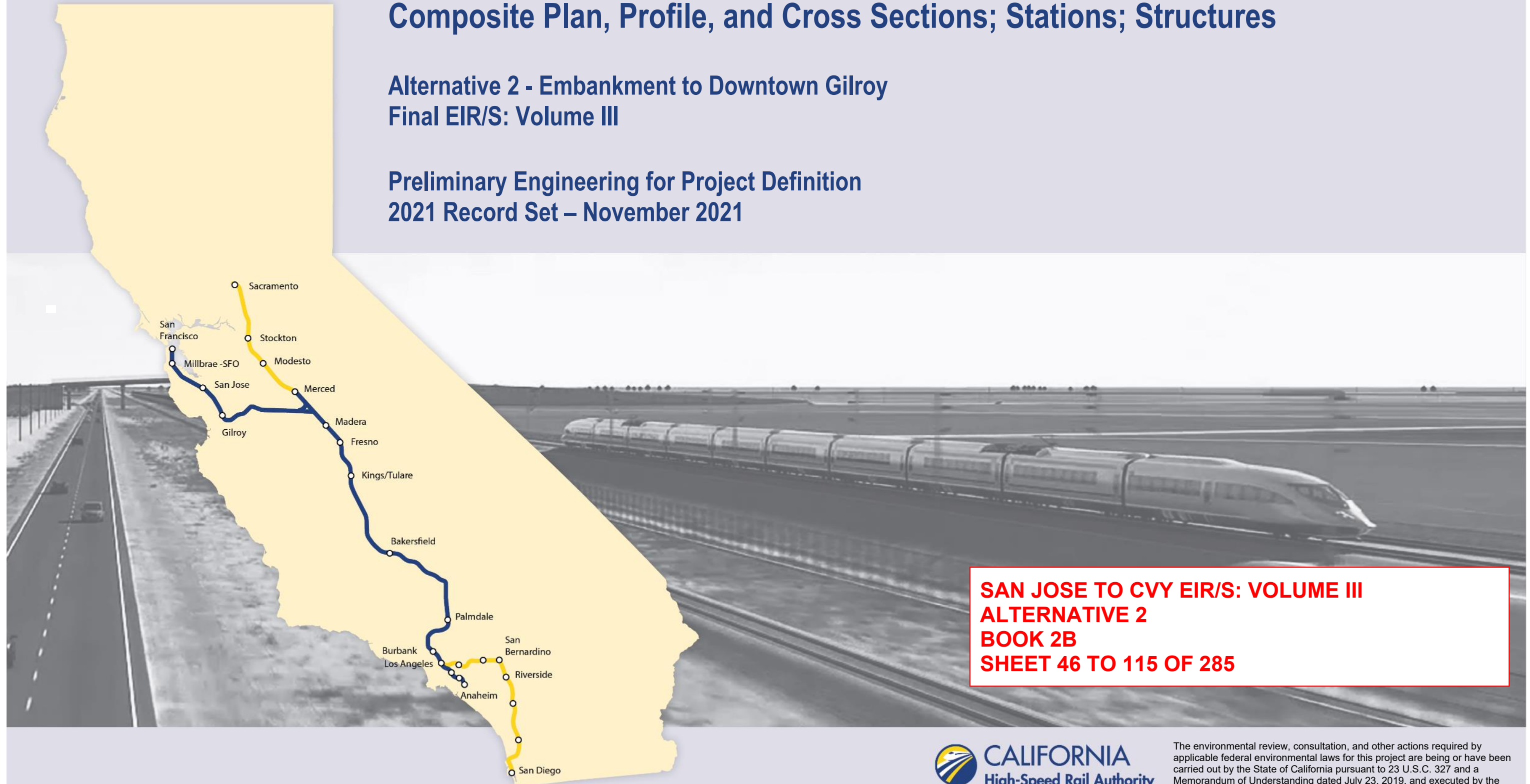


San Jose to Merced Project Section: San Jose to Central Valley Wye

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

Alternative 2 - Embankment to Downtown Gilroy
Final EIR/S: Volume III

Preliminary Engineering for Project Definition
2021 Record Set – November 2021



**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 46 TO 115 OF 285**

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	EMBANKMENT 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	46	TT-D1401	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2362+00 TO B3205+00
BOOK 2B	47	TT-D1402	PACHECO PASS	SERVICE ROAD 1	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3205+00 TO B3295+00
BOOK 2B	48	TT-D1403	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3295+00 TO B3385+00
BOOK 2B	49	TT-D1404	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3385+00 TO B3475+00
BOOK 2B	50	TT-D1405	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3475+00 TO B3565+00
BOOK 2B	51	TT-D1405A	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3475+00 TO B3565+00 - TUNNEL DESIGN VARIANT
BOOK 2B	52	TT-D1406	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3565+00 TO B3655+00
BOOK 2B	53	TT-D1407	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3655+00 TO B3745+00
BOOK 2B	54	TT-D1407A	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3655+00 TO B3745+00 - TUNNEL DESIGN VARIANT
BOOK 2B	55	TT-D1408	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3745+00 TO B3835+00
BOOK 2B	56	TT-D1408A	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3745+00 TO B3835+00 - TUNNEL DESIGN VARIANT
BOOK 2B	57	TT-D1409	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3835+00 TO B3923+00
BOOK 2B	58	TT-D1410	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3923+00 TO B4014+00
BOOK 2B	59	TT-D1411	PACHECO PASS	MCCABE RD	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4014+00 TO B4105+00
BOOK 2B	60	TT-D1412	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4105+00 TO B4196+00
BOOK 2B	61	TT-D1413	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4196+00 TO B4287+00
BOOK 2B	62	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	63	TT-D1601	SAN JOAQUIN VALLEY	FAHEY RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4377+00 TO B4445+00
BOOK 2B	64	TT-D1602	SAN JOAQUIN VALLEY	CCID MAIN CANAL	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4445+00 TO B4533+00
BOOK 2B	65	TT-D1603	SAN JOAQUIN VALLEY	INGOMAR GRADE RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4533+00 TO B4614+00
BOOK 2B	66	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	67	TT-D1605	SAN JOAQUIN VALLEY	MONROE AVE	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4686+00 TO B4758+00
BOOK 2B	68	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	69	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	70	TT-D1608	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4932+00 TO B5020+00
BOOK 2B	71	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	72	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	73	TT-D1611	SAN JOAQUIN VALLEY	TURNER ISLAND RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5193+00 TO B5282+00
BOOK 2B	74	TT-D1612	SAN JOAQUIN VALLEY	CARLUCCI RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5282+00 TO 5337+28.93
BOOK 2B	75	TT-Y1601	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	PROJECT BOUNDARY DETAILS	
BOOK 2B	76	TT-Y1601	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	PROJECT BOUNDARY DETAILS	

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

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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	77	AR-C0101	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	GENERAL SITE PLAN
BOOK 2B	78	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	79	AR-F0101	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	CONCOURSE PLAN
BOOK 2B	80	AR-Y0101	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	SECTION
BOOK 2B	81	AR-Y0102	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	MASSING DIAGRAM 1
BOOK 2B	82	AR-Y0103	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	MASSING DIAGRAM 2
BOOK 2B	83	AR-Y0104	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 2B	84	AR-Y0105	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 2B	85	AR-Y0106	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 2B	86	AR-Y0107	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 2B	87	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	88	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	89	AR-F1001	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	CONCOURSE PLAN
BOOK 2B	90	AR-Y1001	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	SECTION
BOOK 2B	91	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	92	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	93	AR-Y1004	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
BOOK 2B	94	AR-Y1005	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
BOOK 2B	95	AR-Y1006	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
BOOK 2B	96	AR-Y1007	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
STRUCTURES							
BOOK 2B	97	ST-V0251	SAN JOSE DIRIDON STATION APPROACH	LAFAYETTE ST	VIADUCT TO SCOTT BLVD	COMPLEX STRUCTURES	GENERAL PLAN 1 OF 5
BOOK 2B	98	ST-V0252	SAN JOSE DIRIDON STATION APPROACH	DE LA CRUZ BLVD	VIADUCT TO SCOTT BLVD	COMPLEX STRUCTURES	GENERAL PLAN 2 OF 5
BOOK 2B	99	ST-V0253	SAN JOSE DIRIDON STATION APPROACH	ENTON ST, I 880	VIADUCT TO SCOTT BLVD	COMPLEX STRUCTURES	GENERAL PLAN 3 OF 5
BOOK 2B	100	ST-V0254	SAN JOSE DIRIDON STATION APPROACH	W TAYLOR ST	VIADUCT TO SCOTT BLVD	COMPLEX STRUCTURES	GENERAL PLAN 4 OF 5
BOOK 2B	101	ST-V0255	SAN JOSE DIRIDON STATION APPROACH	W SANTA CLARA ST	VIADUCT TO SCOTT BLVD	COMPLEX STRUCTURES	GENERAL PLAN 5 OF 5
BOOK 2B	102	ST-T0251	SAN JOSE DIRIDON STATION APPROACH	DE LA CRUZ BLVD	VIADUCT TO SCOTT BLVD	OVERPASSES AND UNDERPASSES	DE LA CRUZ BLVD BRIDGES
BOOK 2B	103	ST-T0252	SAN JOSE DIRIDON STATION APPROACH	STOCKTON AVE, UPRR	VIADUCT TO SCOTT BLVD	OVERPASSES AND UNDERPASSES	WEST HEDDING STREET BRIDGES
BOOK 2B	104	ST-T0401	MONTEREY CORRIDOR	ALMADEN EXPY, CURTNER AVE	VIADUCT/AT-GRADE	OVERPASSES AND UNDERPASSES	GENERAL PLAN
BOOK 2B	105	ST-V0501	MONTEREY CORRIDOR	ST HWY 82	AT-GRADE	COMPLEX STRUCTURES	GENERAL PLAN
BOOK 2B	106	ST-T0501	MONTEREY CORRIDOR	SKYWAY DR, CHYNOWETH AVE	AT-GRADE	UNDERPASSES	GENERAL PLAN
BOOK 2B	107	ST-T0502	MONTEREY CORRIDOR	CAPITOL EXPY, BLOSSOM HILL RD	AT-GRADE	MODIFY EXISTING BRIDGES	GENERAL PLAN 1 OF 2
BOOK 2B	108	ST-T0503	MONTEREY CORRIDOR	SR 85, BAILEY AVE	AT-GRADE	MODIFY EXISTING BRIDGES	GENERAL PLAN 2 OF 2
BOOK 2B	109	ST-T0801	MORGAN HILL AND GILROY	MADRONE PKWY, DUNNE AVE	EMBANKMENT TO DOWNTOWN GILROY	UNDERPASSES	GENERAL PLAN 1 OF 2
BOOK 2B	110	ST-T0802	MORGAN HILL AND GILROY	SAN PEDRO AVE, SAN MARTIN AVE	EMBANKMENT TO DOWNTOWN GILROY	UNDERPASSES	GENERAL PLAN 2 OF 2
BOOK 2B	111	ST-T1001	MORGAN HILL AND GILROY	MASTEN AVE, LAS ANIMAS AVE	EMBANKMENT TO DOWNTOWN GILROY	UNDERPASSES	GENERAL PLAN 1 OF 3
BOOK 2B	112	ST-T1002	MORGAN HILL AND GILROY	LEAVESLEY RD, CASEY LN	EMBANKMENT TO DOWNTOWN GILROY	UNDERPASSES	GENERAL PLAN 2 OF 3
BOOK 2B	113	ST-T1003	MORGAN HILL AND GILROY	OLD GILROY ST, E 10TH ST	EMBANKMENT TO DOWNTOWN GILROY	UNDERPASSES	GENERAL PLAN 3 OF 3
BOOK 2B	114	ST-V1401	PACHECO PASS	CALIFORNIA AQUEDUCT, CCID OUTSIDE CANAL	TUNNEL	COMPLEX STRUCTURES	GENERAL PLAN
BOOK 2B	115	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**

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Oakland, CA 94607

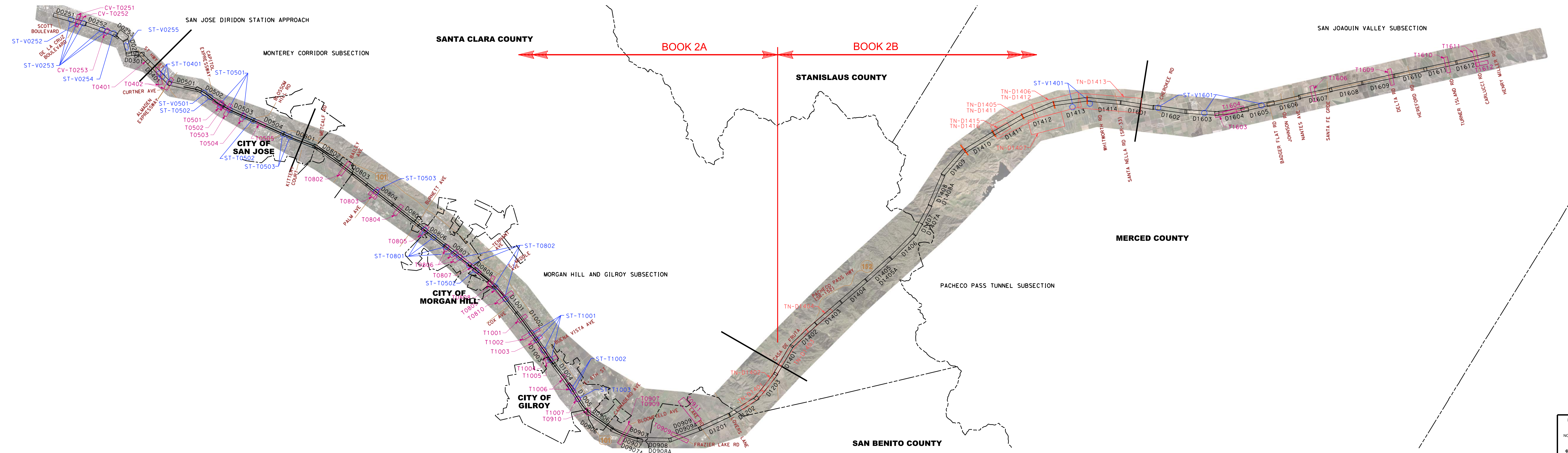


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
ALTERNATIVE 2
INDEX OF DRAWING
SHEET 3 OF 8**

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



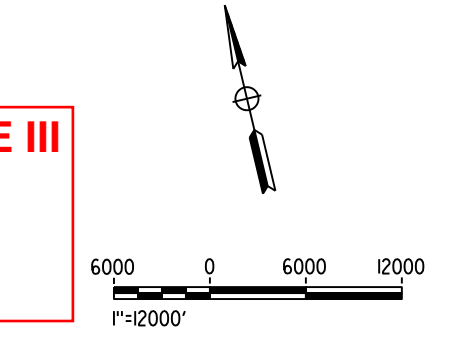
NOTE:
ALTERNATIVE KEY MAP SHOWN SIDE BY SIDE FOR CLARITY.

LEGEND

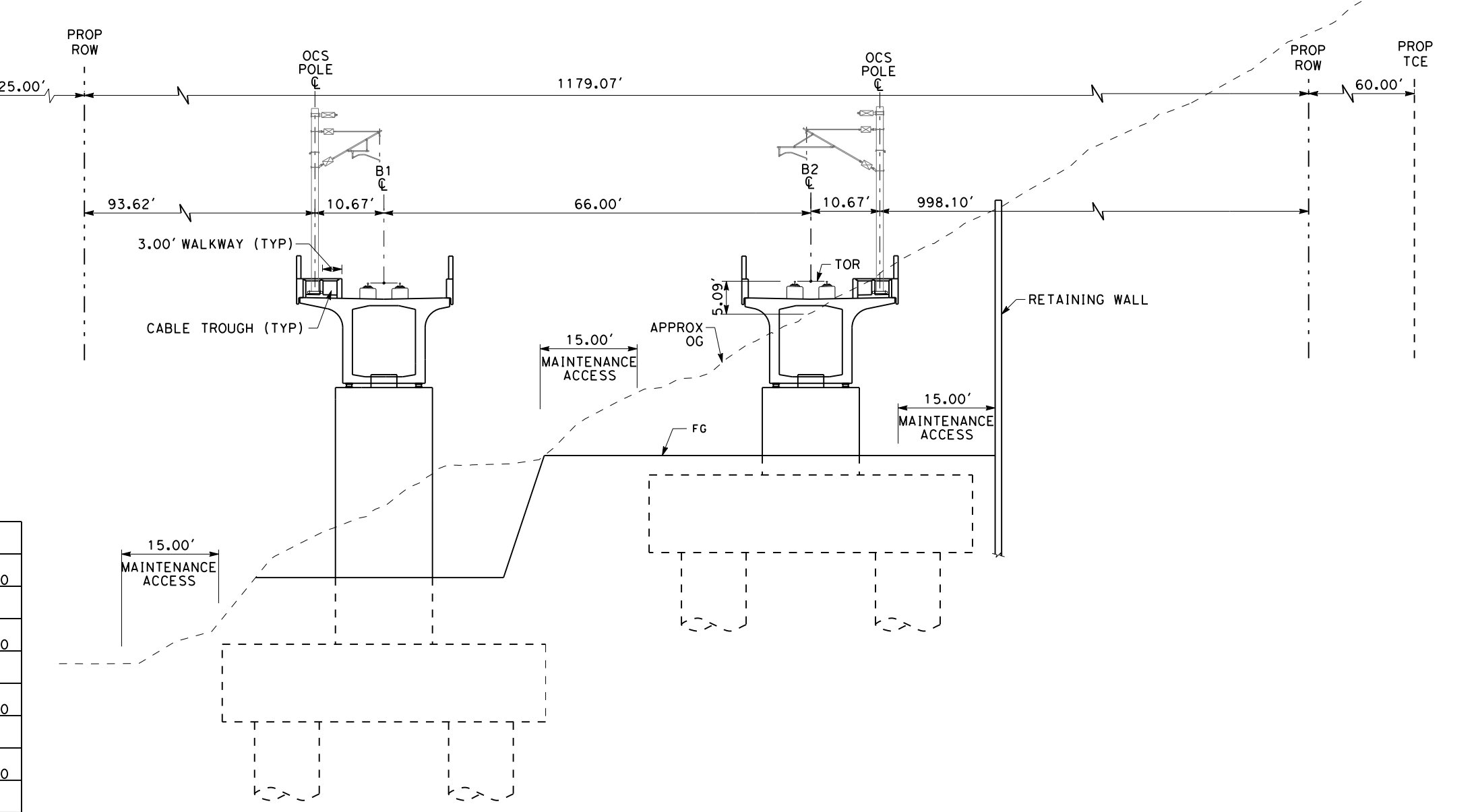
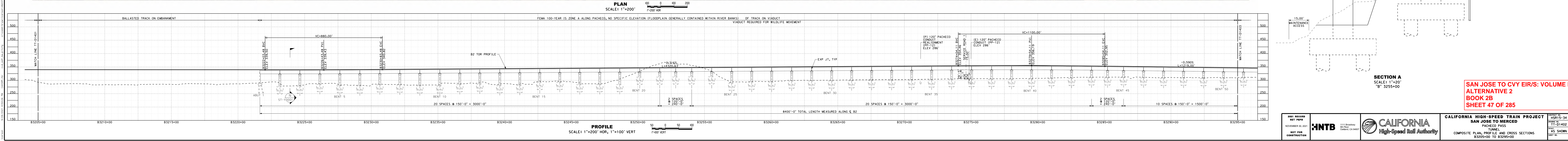
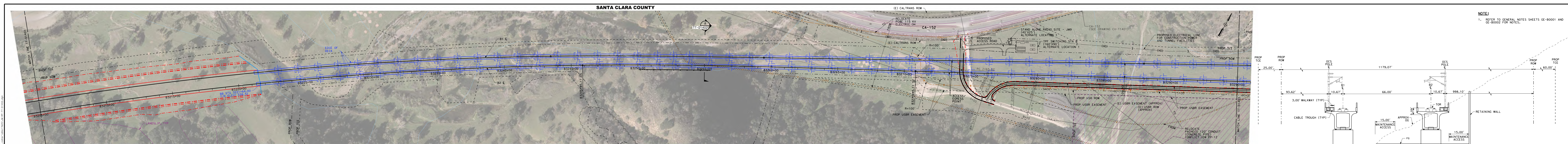
KEY MAP LEGEND

- 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



2021 RECORD SET PERP NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED ALTERNATIVE 2 KEY MAP COMPOSITE PLAN	CONTRACT NO. HSR15-34 GRAPHIC NO. GE-D0201 SCALE AS SHOWN SHEET NO.
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NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

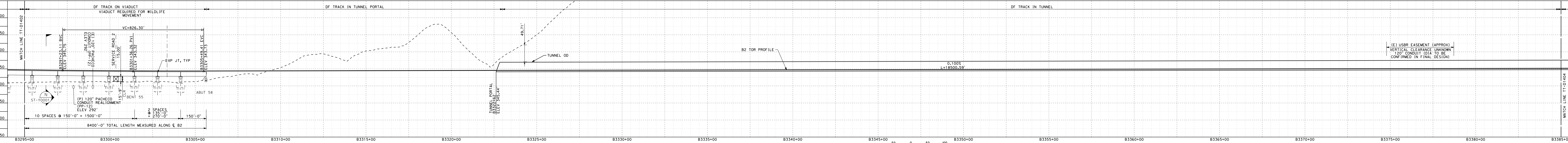
SECTION A
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"B" 3255+00

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 47 OF 285

2021 RECORD SET P&P NOVEMBER 30, 2021 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 B3205+00 TO B3295+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1402 SCALE AS SHOWN SHEET NO.
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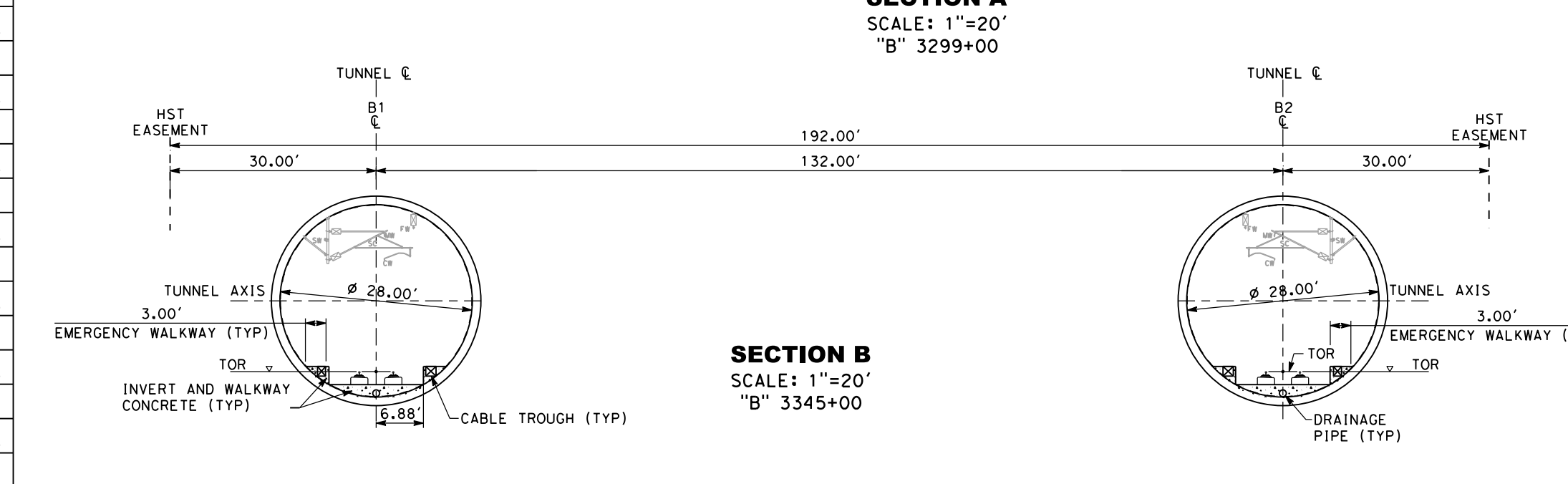
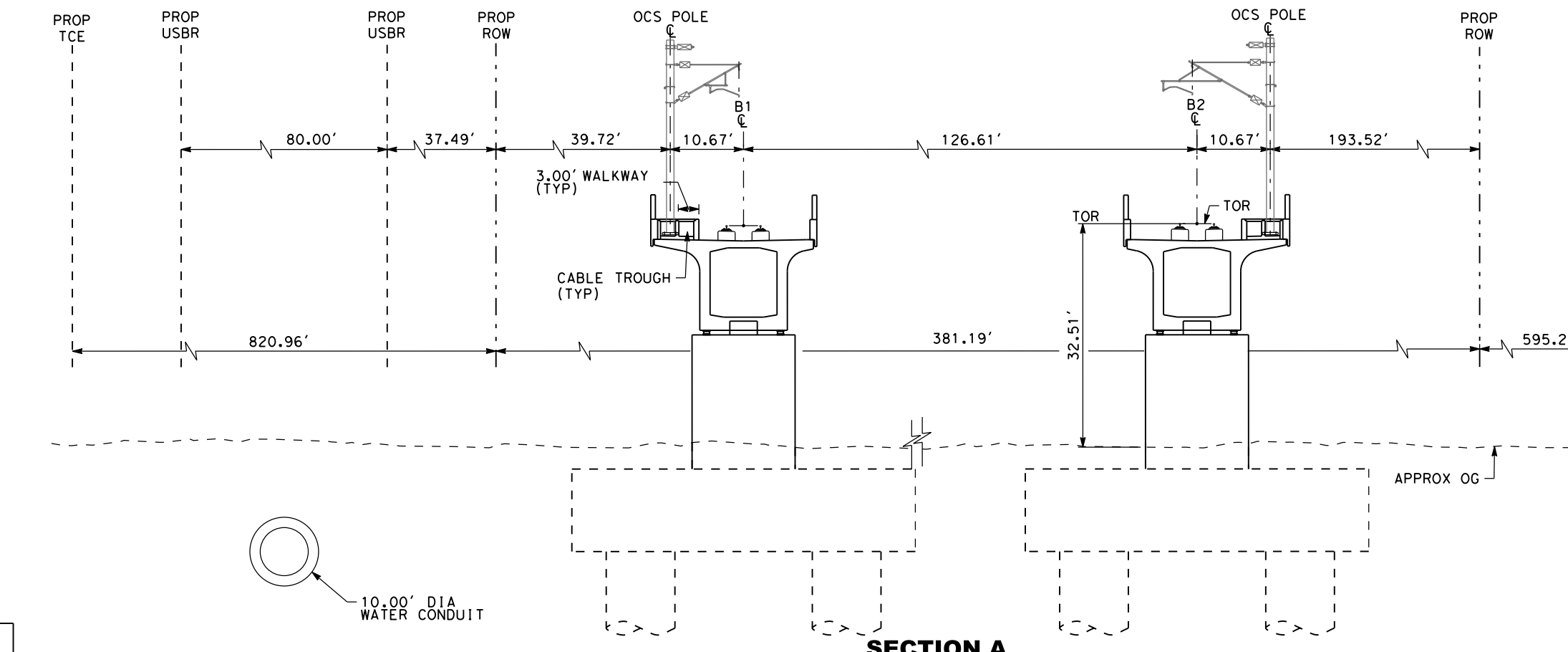
PLAN
SCALE: 1"=200'
1"=200' HOR



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

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
SHEET 2B
BOOK 48 OF 285

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



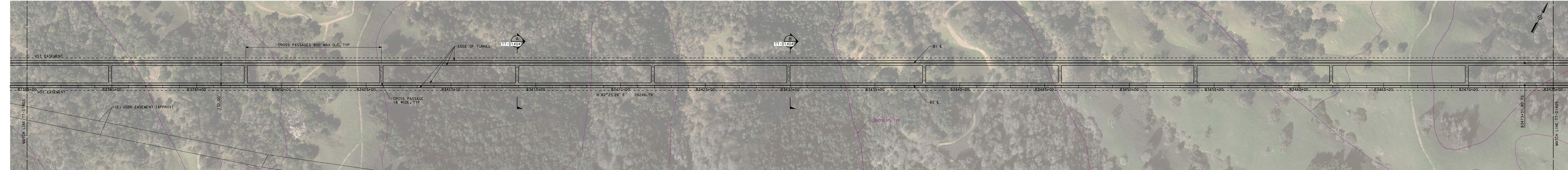
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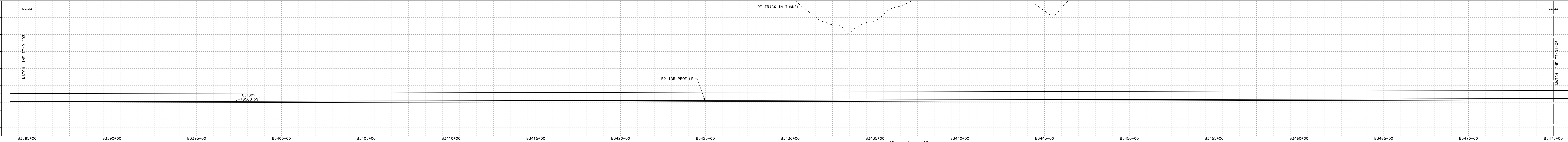
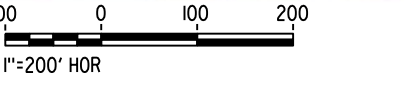
CALIFORNIA
High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
PACHECO PASS
TUNNEL
COMPOSITE PLAN, PROFILE AND CROSS SECTIONS
B3295+00 TO B3385+00

CONTRACT NO. HSR15-34
DRAWING NO. TT-D1403
SCALE AS SHOWN
SHEET NO.



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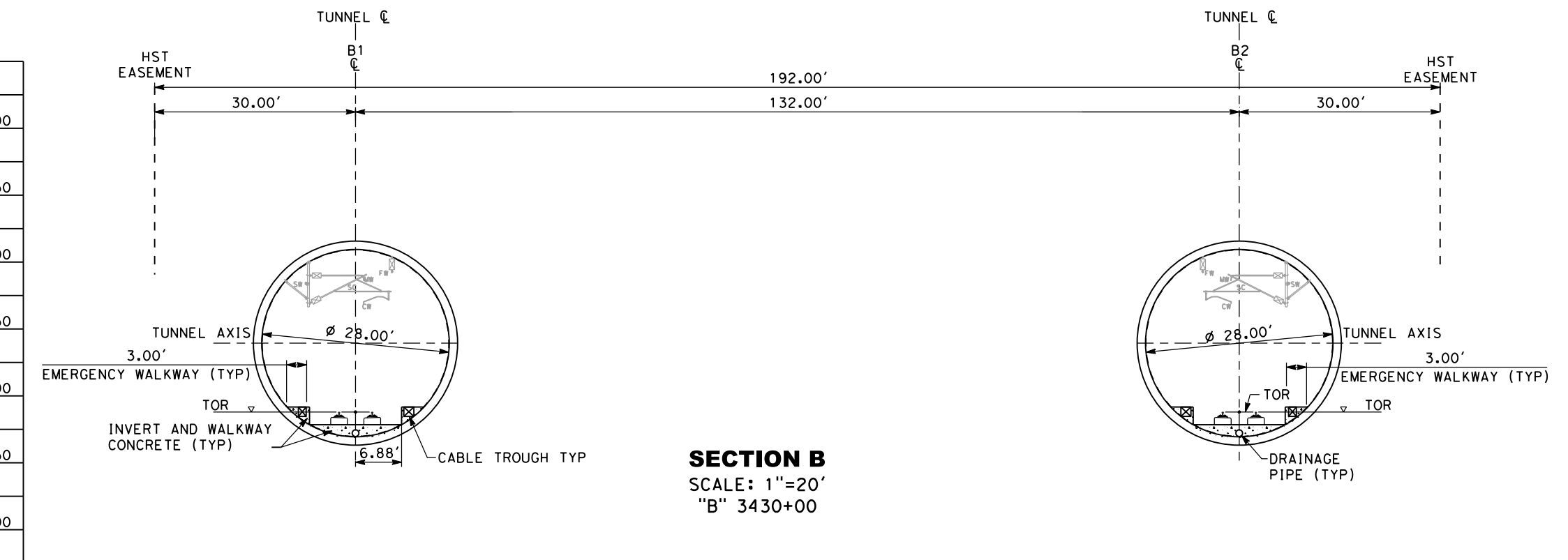
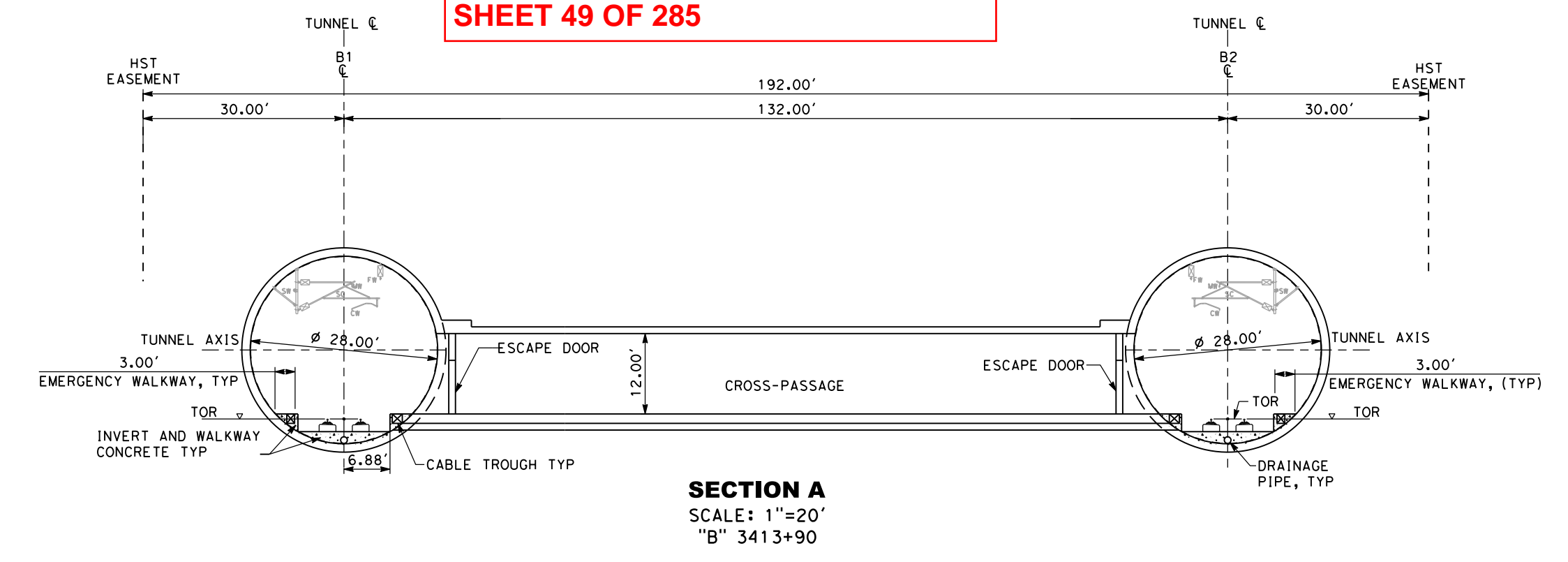


PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT

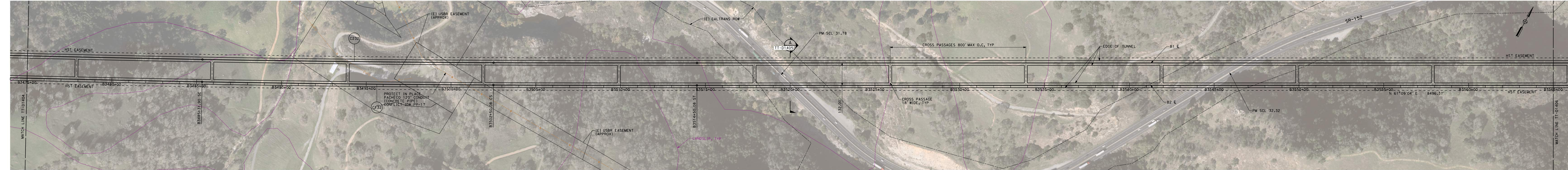


**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 49 OF 285**

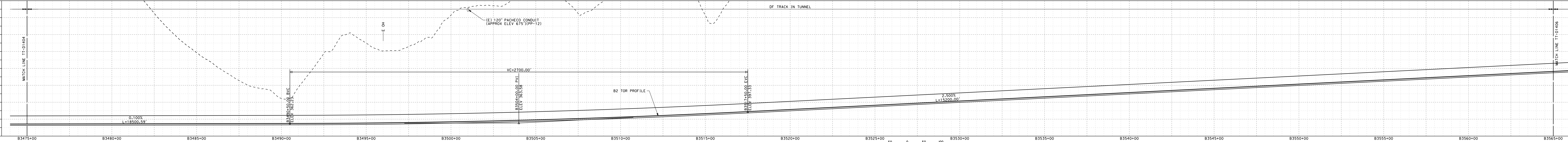
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



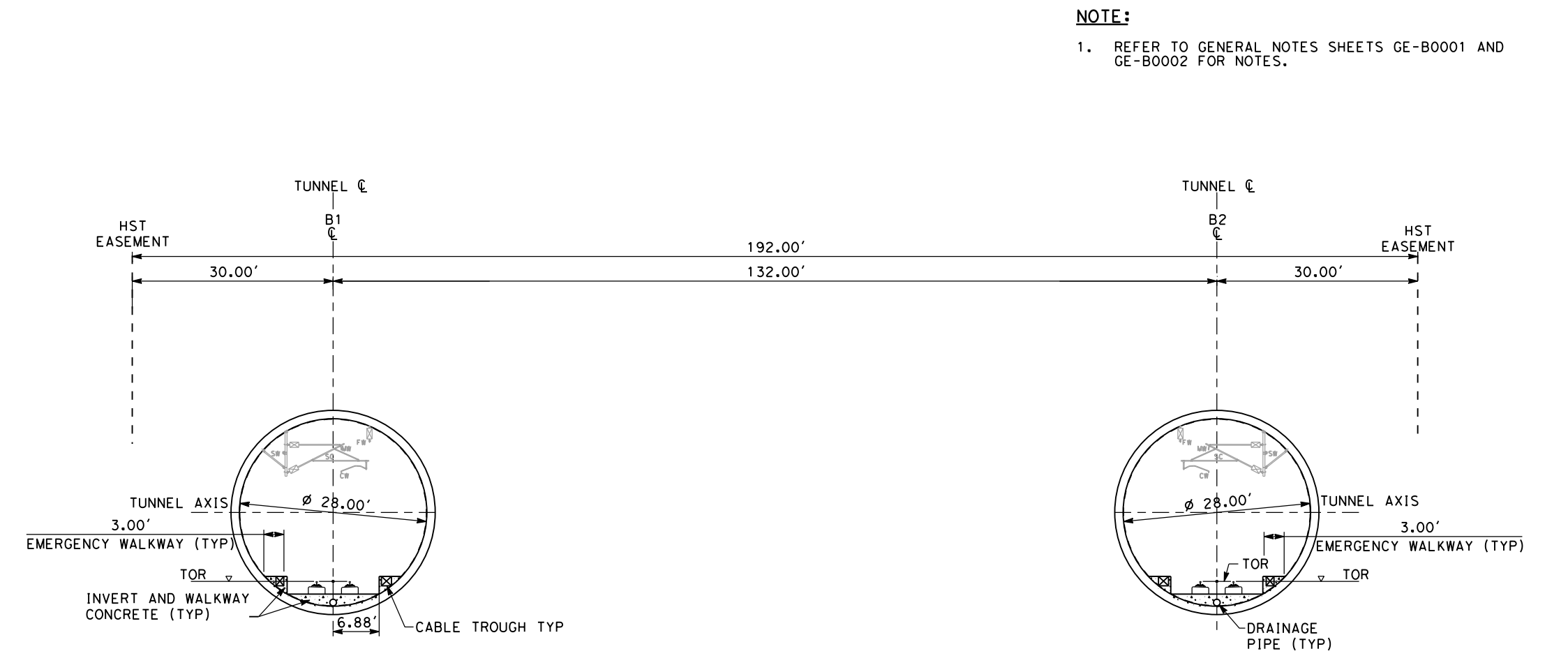
3021 RECORD SET PEPD NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED		CONTRACT NO. HSR15-34
			PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B3385+00 TO B3475+00		DRAWING NO. TT-D1404 SCALE AS SHOWN SHEET NO.



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



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

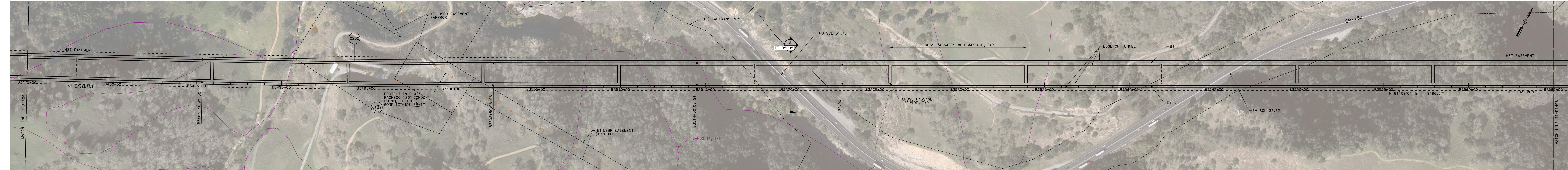


SECTION A
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"B" 3520+00

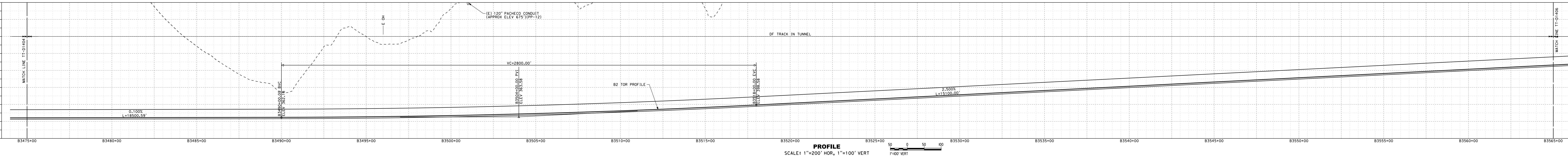
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 50 OF 285

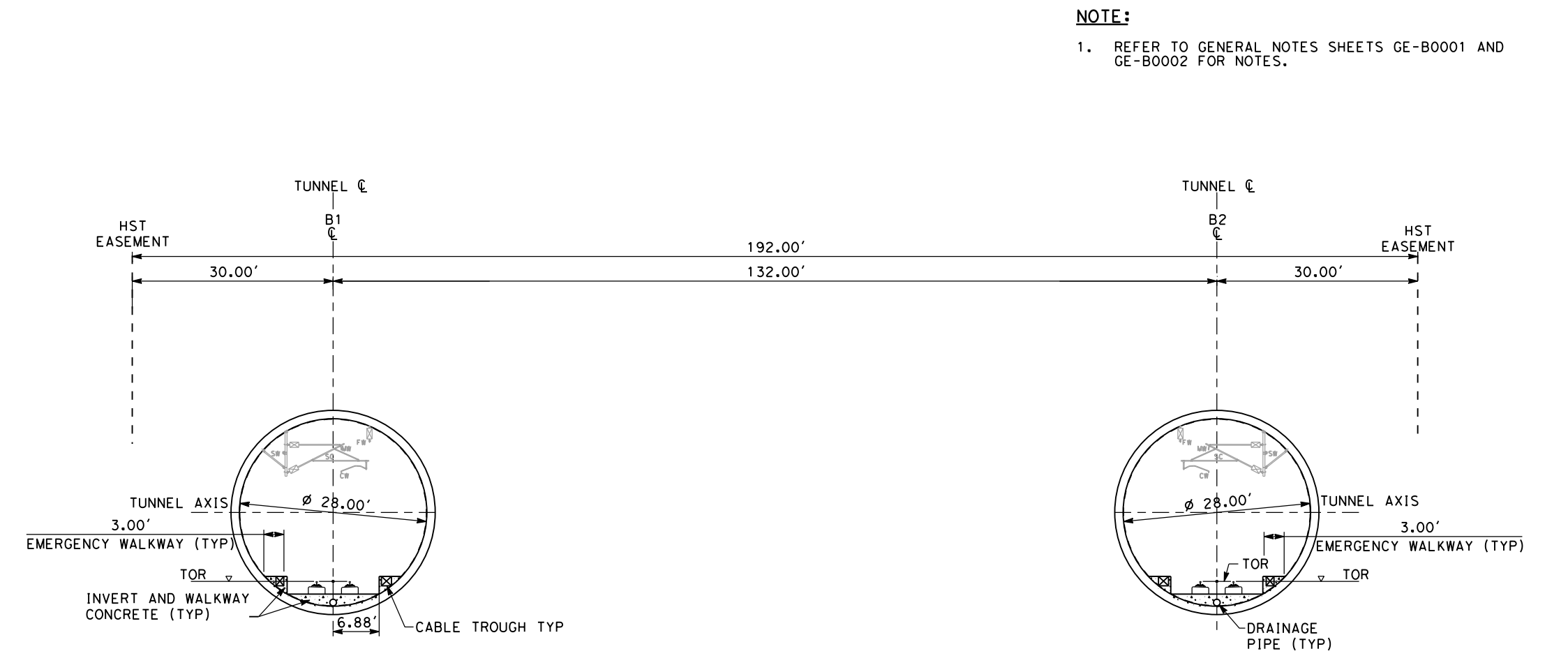
2021 RECORD SET PEPD NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED TUNNEL PACHECO PASS COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B3475+00 TO B3565+00		CONTRACT NO. HSR15-34
				DRAWING NO. TT-D1405	SCALE AS SHOWN	SHEET NO.



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



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



SECTION A
SCALE: 1"=20'
"B" 3520+00

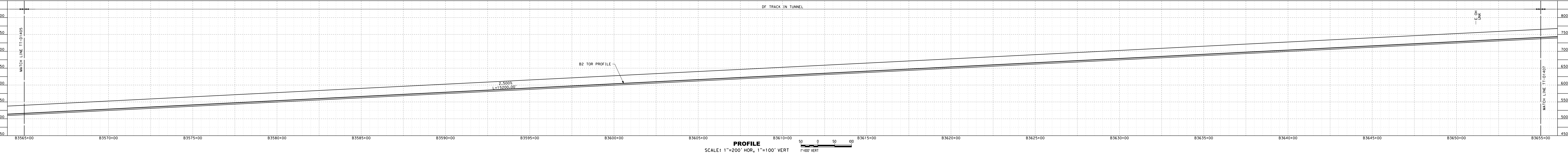
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 51 OF 285**

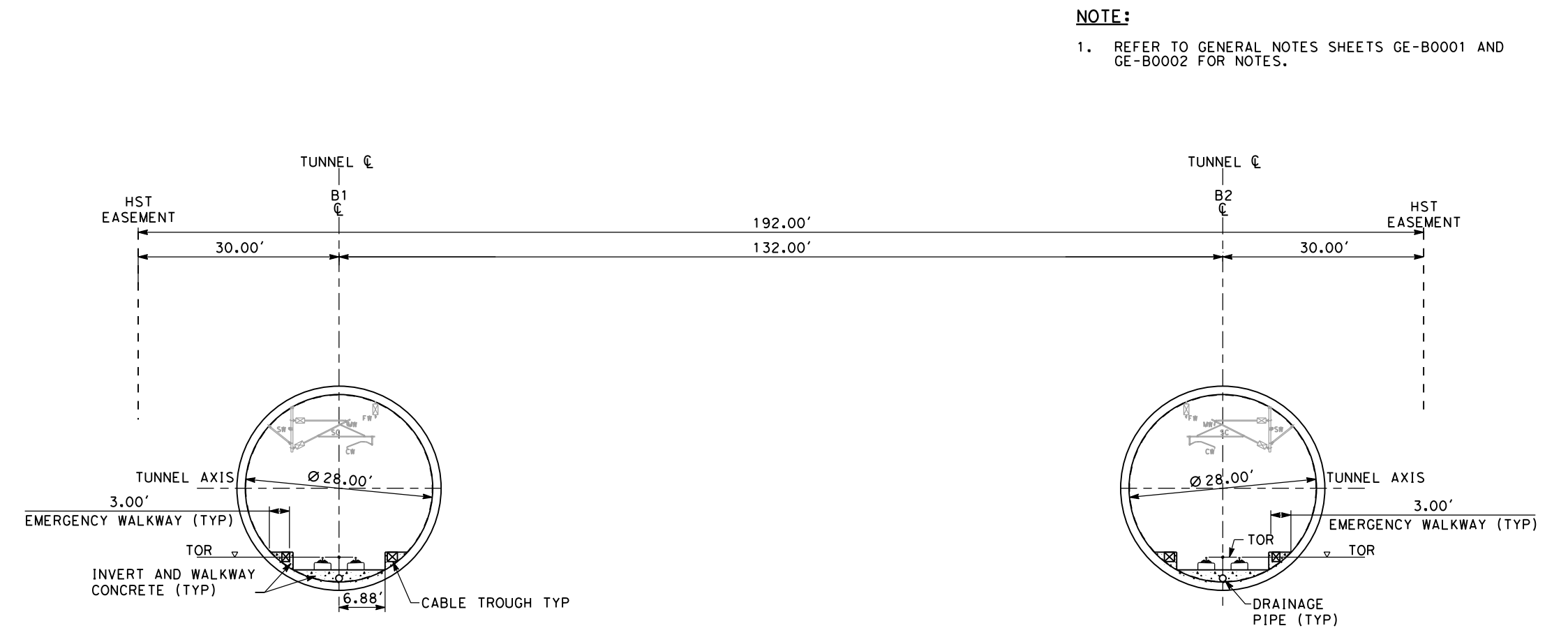
<p>2021 RECORD SET PERD</p> <p>NOT FOR CONSTRUCTION</p>	<p>HNTB</p> <p>1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B3475+00 TO B3565+00 - TUNNEL DESIGN VARIANT</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D1405A 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

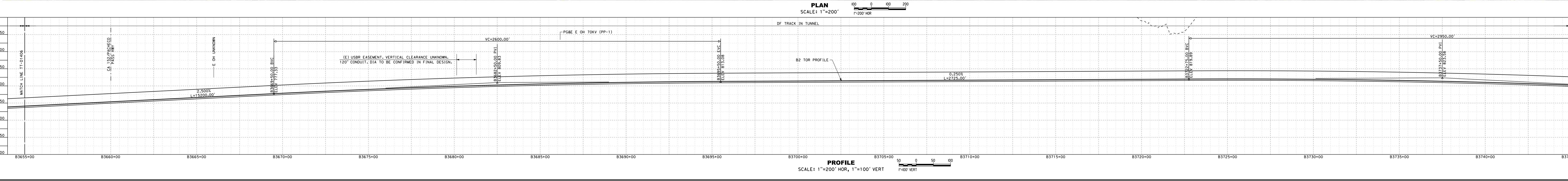
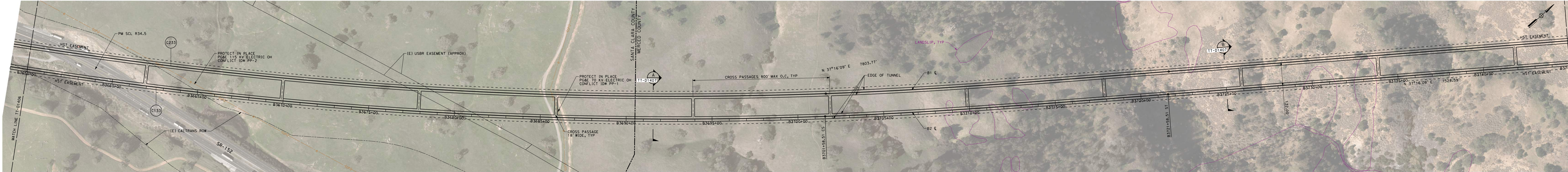


SECTION A
SCALE: 1"=20'
"B" 3620+00

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

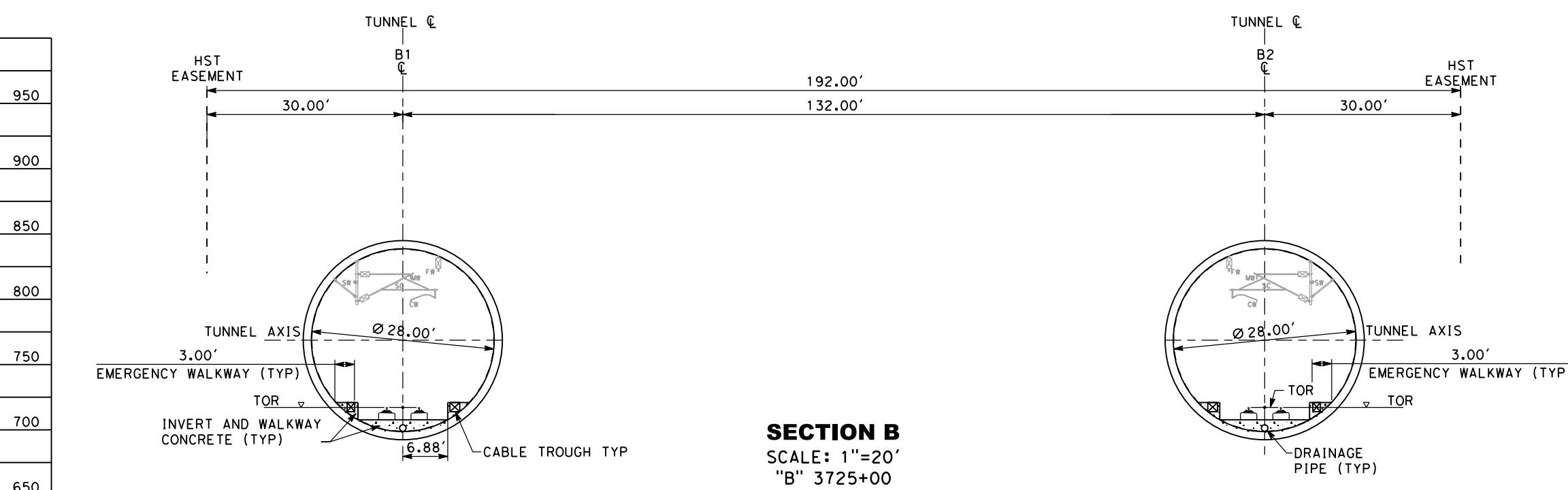
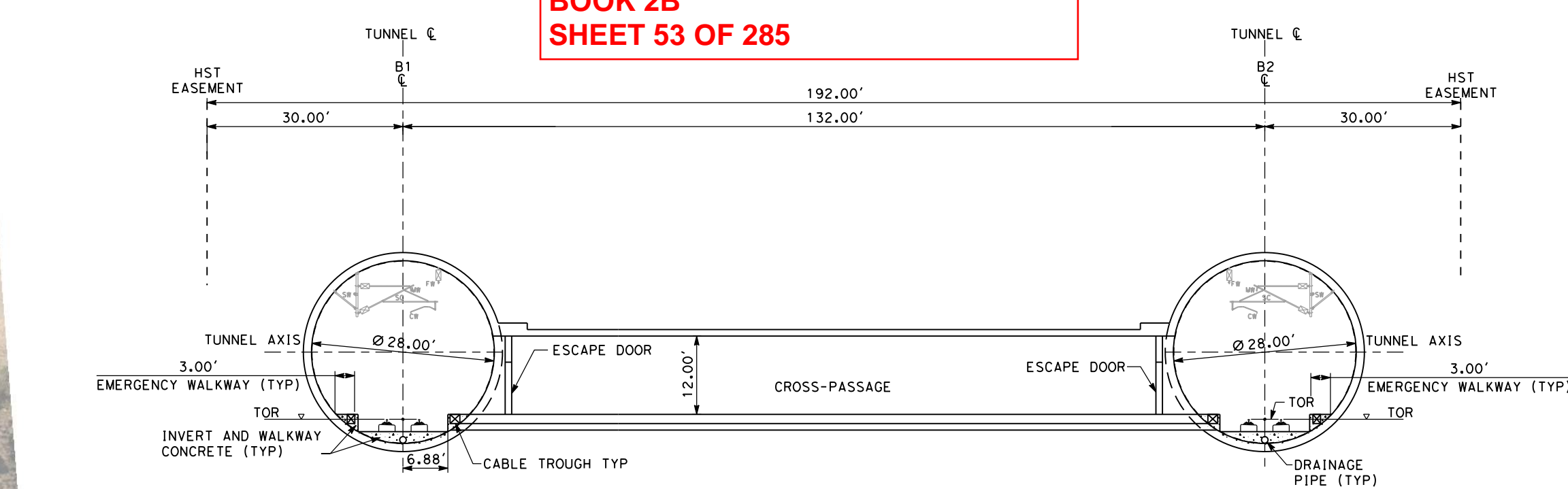
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 52 OF 285

<p>2021 RECORD SET PERD NOVEMBER 30, 2021 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 TUNNEL PACHECO PASS COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B3565+00 TO B3655+00</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D1406 SCALE AS SHOWN SHEET NO.</p>
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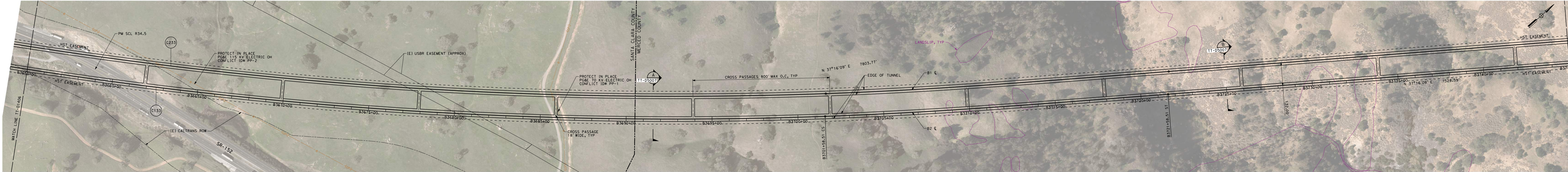


**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 53 OF 285**

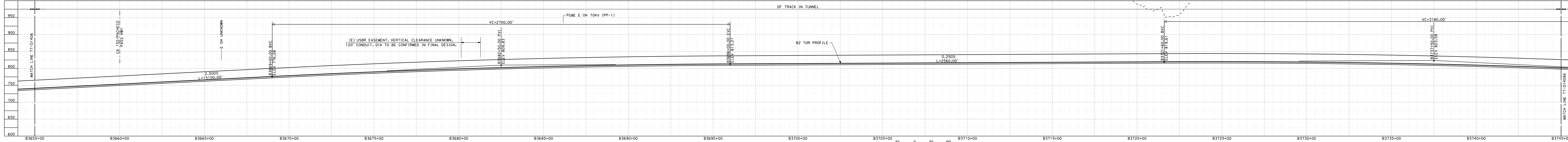
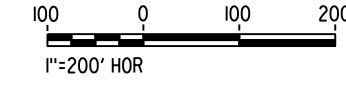
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



2021 RECORD SET PFD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	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 B3655+00 TO B3745+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1407 SCALE AS SHOWN SHEET NO.
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PLAN
SCALE: 1"=200'

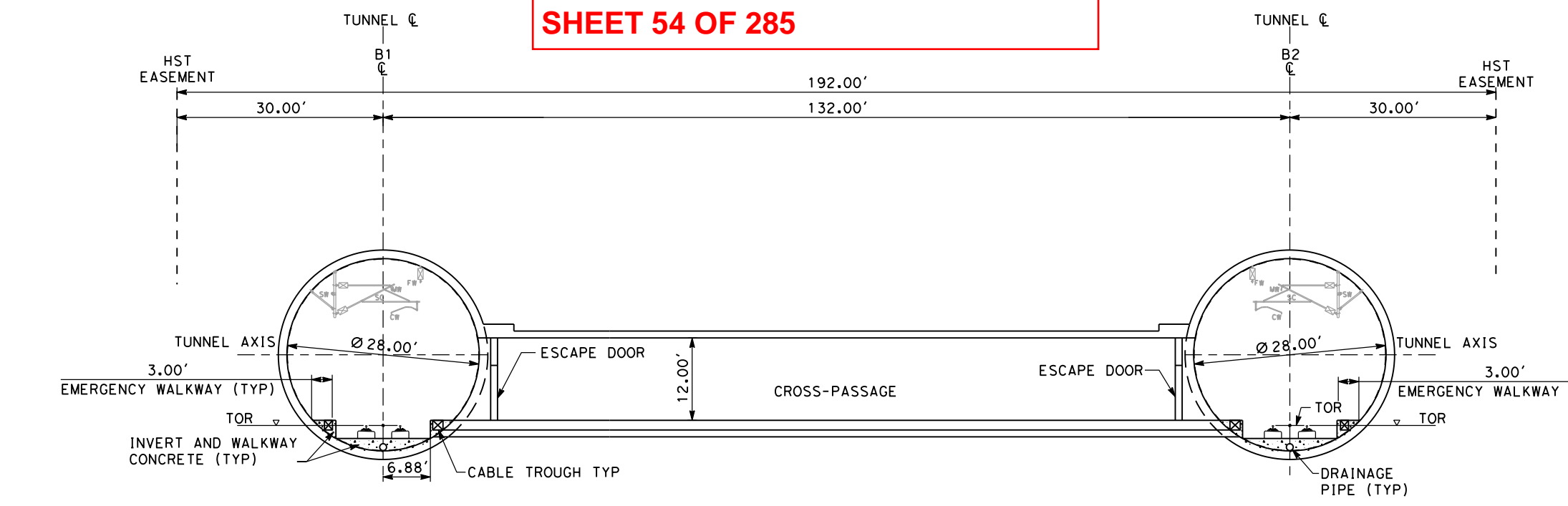


PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT

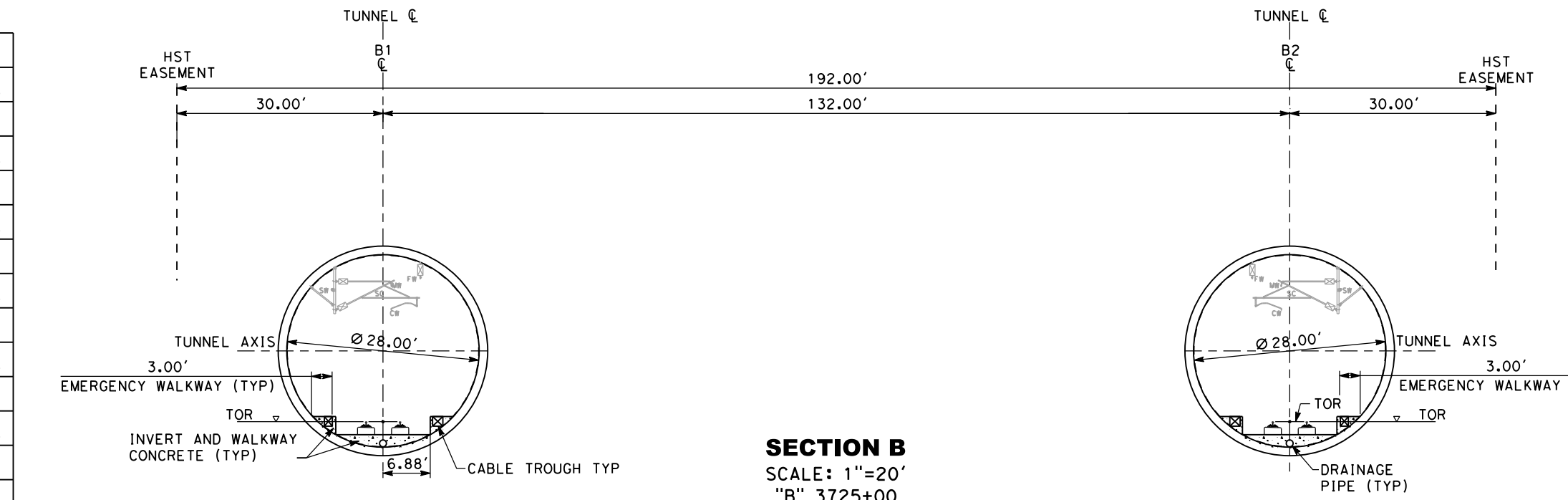


**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 54 OF 285**

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



SECTION A
SCALE: 1"=20'
"B" 3695+00



SECTION B
SCALE: 1"=20'
"B" 3725+00

2021 RECORD SET P&P
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION



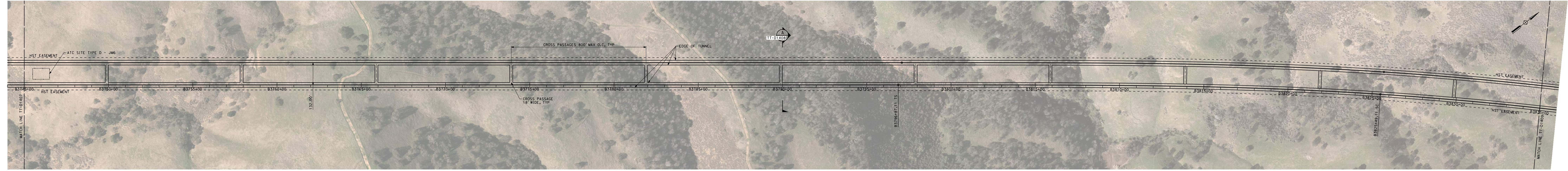
1111 Broadway
9th Floor
Oakland, CA 94607



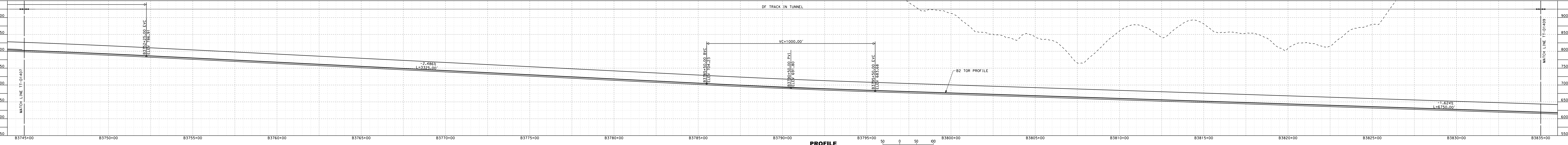
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
PACHECO PASS
TUNNEL
COMPOSITE PLAN, PROFILE AND CROSS SECTIONS
B3655+00 TO B3745+00 - TUNNEL DESIGN VARIANT

CONTRACT NO. HSR15-34
DRAWING NO. TT-D1407A
SCALE: AS SHOWN
SHEET NO.

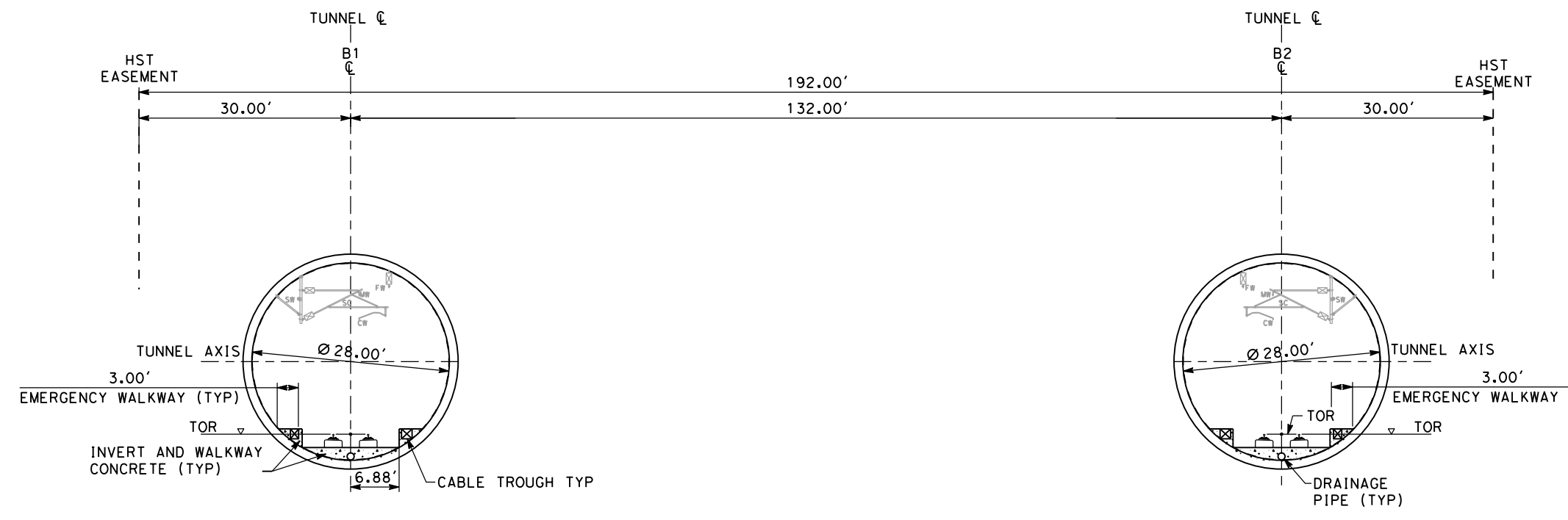
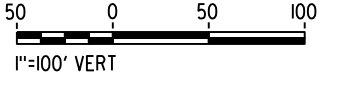
MERCED COUNTY



PLAN
SCALE: 1"=200'



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

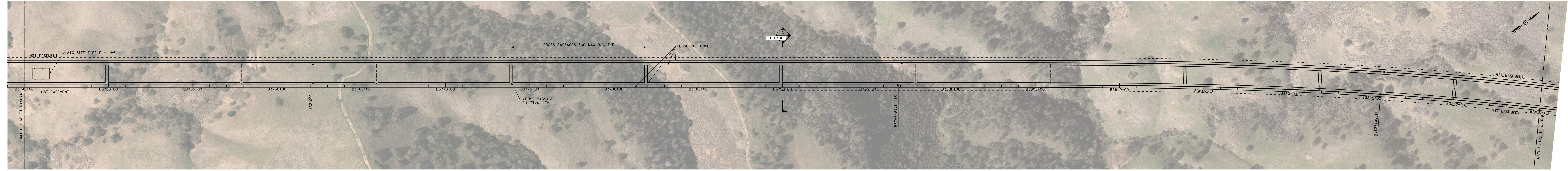


SECTION A
SCALE: 1"=20'
"B" 3790+00

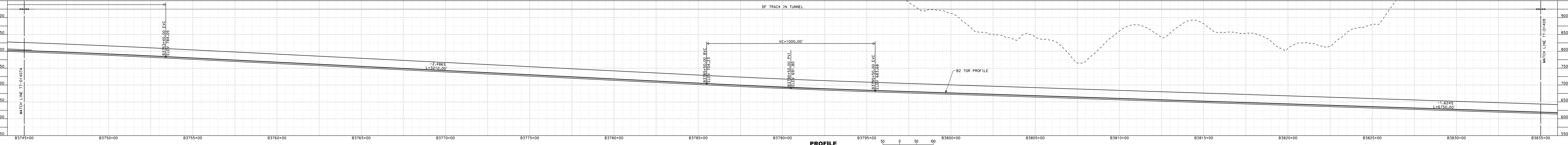
- NOTES:**
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.
 2. HSR EASEMENT PROPOSED TO BE WIDENED IN TUNNEL BETWEEN HSR SB STATION B3790+00 TO STATION B4085+55 TO ACCOMMODATE FAULT RUPTURE CONDITIONS AT ORTIGALITA FAULT. THE GROUND WEST OF ORTIGALITA FAULT IS ASSUMED TO SHIFT 4' NORTH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

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 55 OF 285

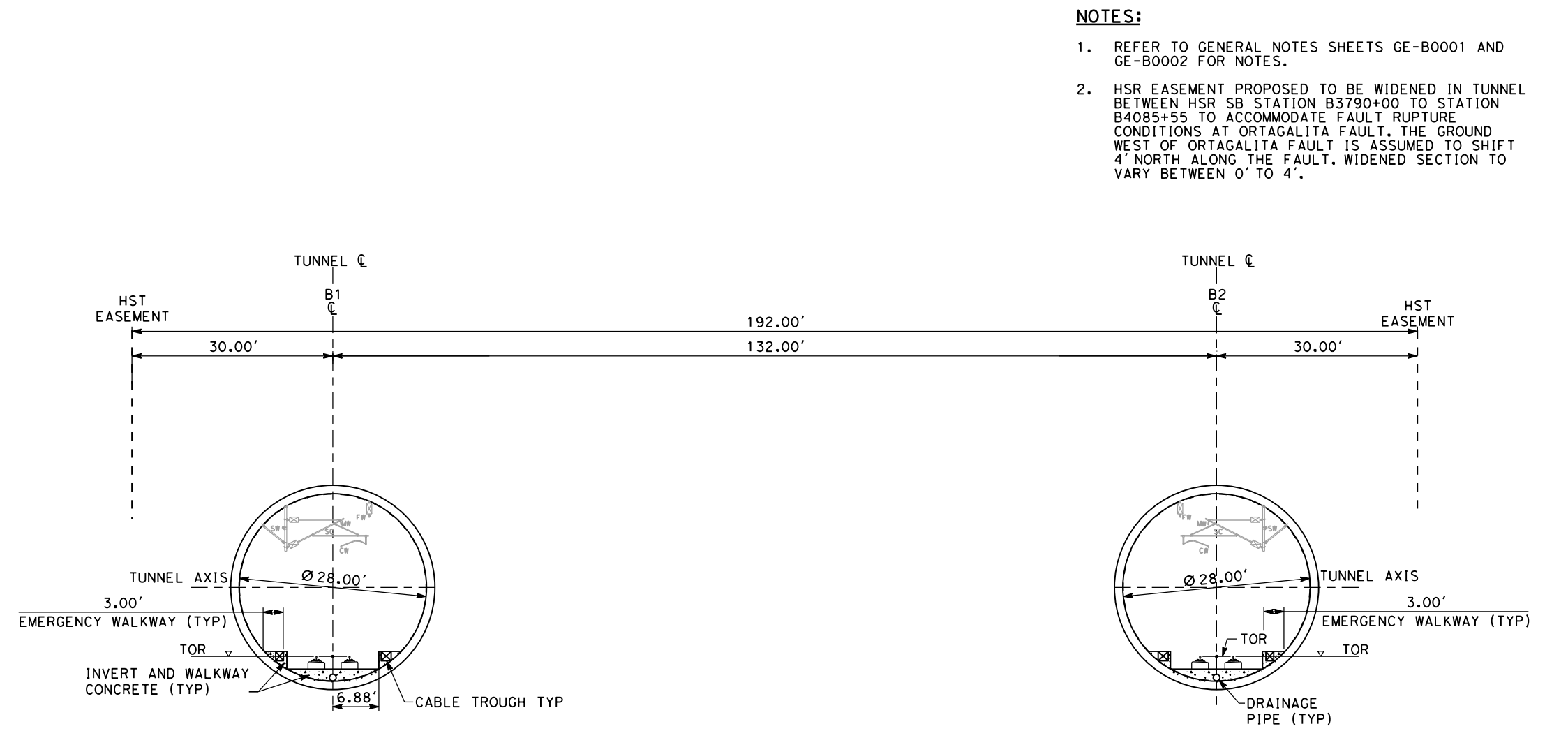
2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED TUNNEL PACHECO PASS COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B3745+00 TO B3835+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1408 SCALE AS SHOWN SHEET NO.
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PLAN
SCALE: 1"=200'



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



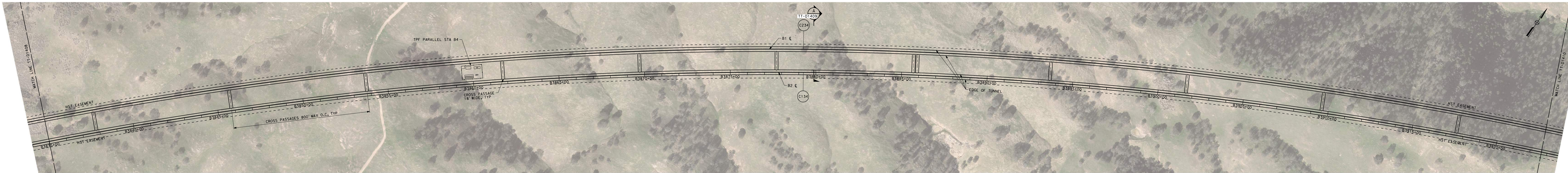
SECTION A
SCALE: 1"=20'
"B" 3790+00

- 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 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'.

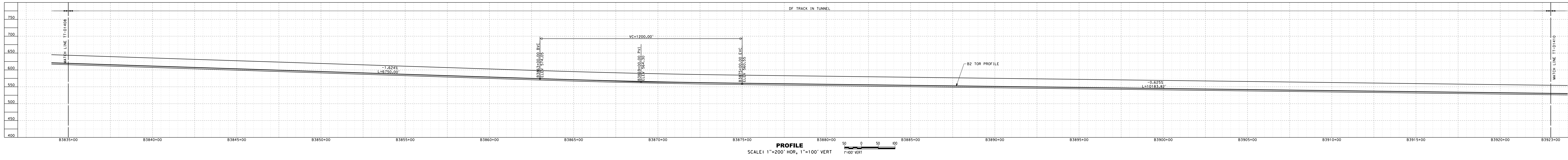
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 56 OF 285

2021 RECORD SET PEPD NOVEMBER 30, 2021 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 B3745+00 TO B3835+00 - TUNNEL DESIGN VARIANT	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1408A SCALE AS SHOWN SHEET NO.
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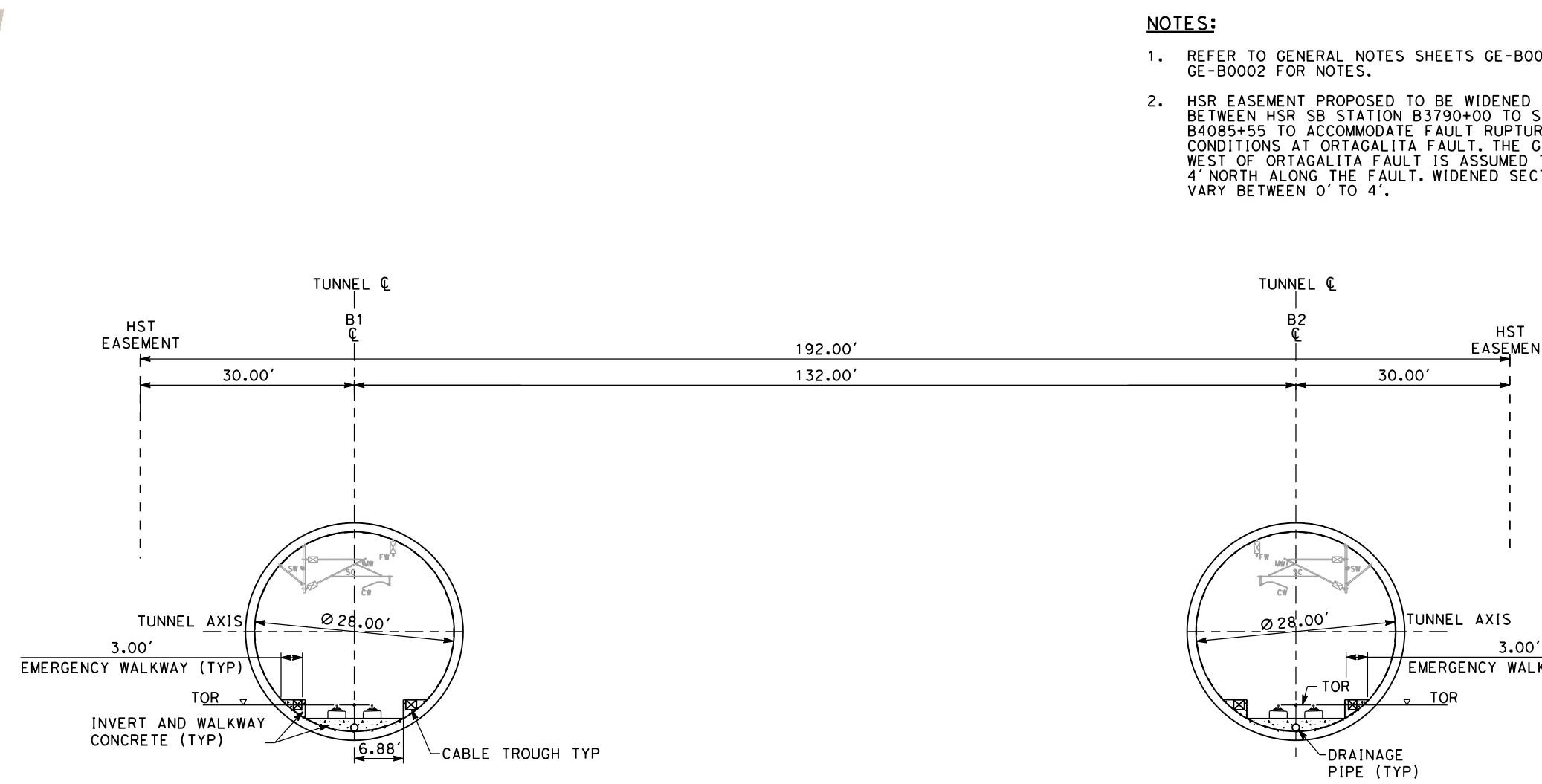
MERCED COUNTY



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



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



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

- 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'.

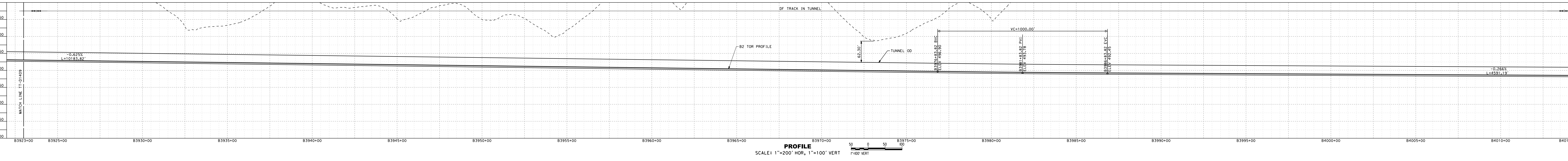
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 57 OF 285

<p>2021 RECORD SET PERD NOVEMBER 30, 2021 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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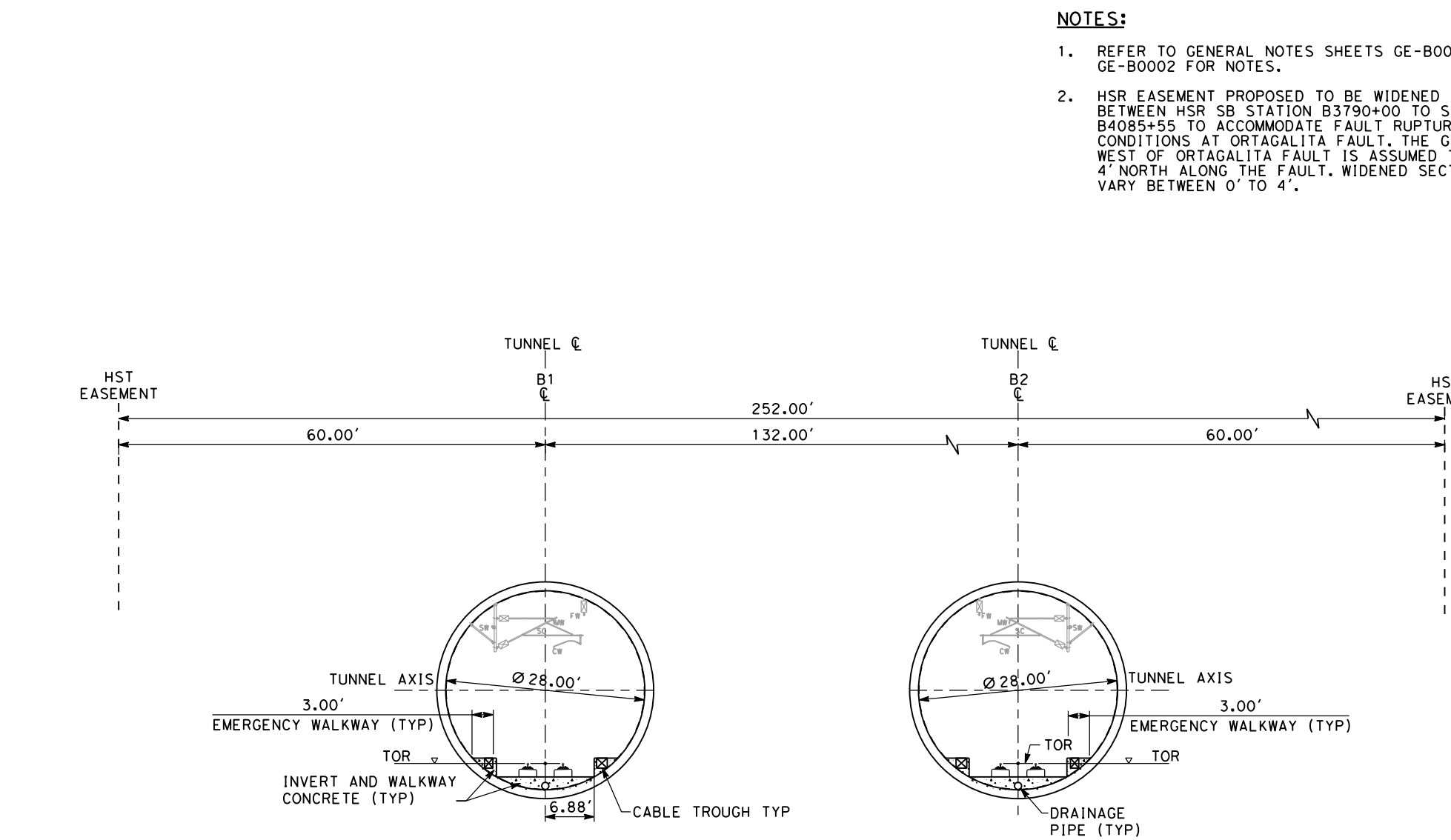
MERCED COUNTY



PLAN
SCALE: 1"=200'



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

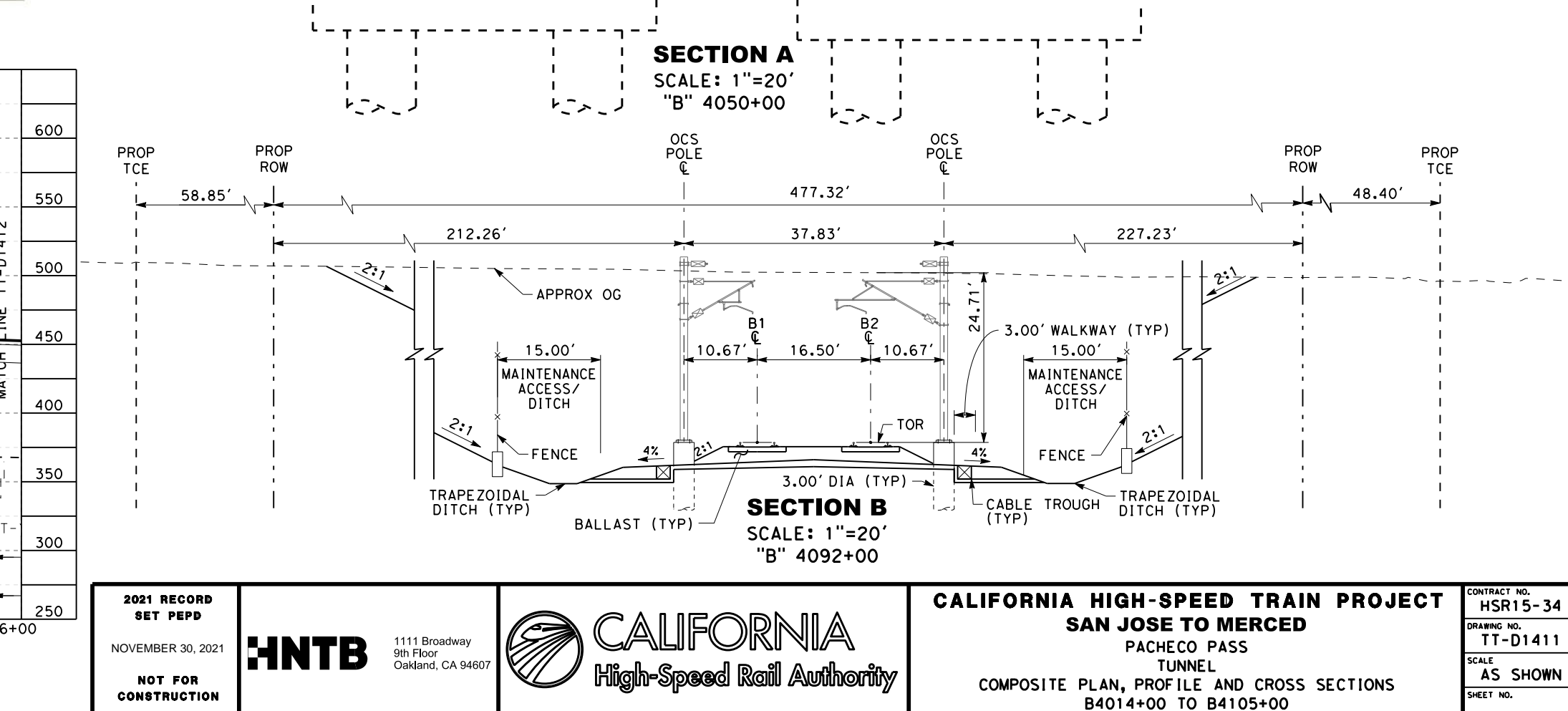
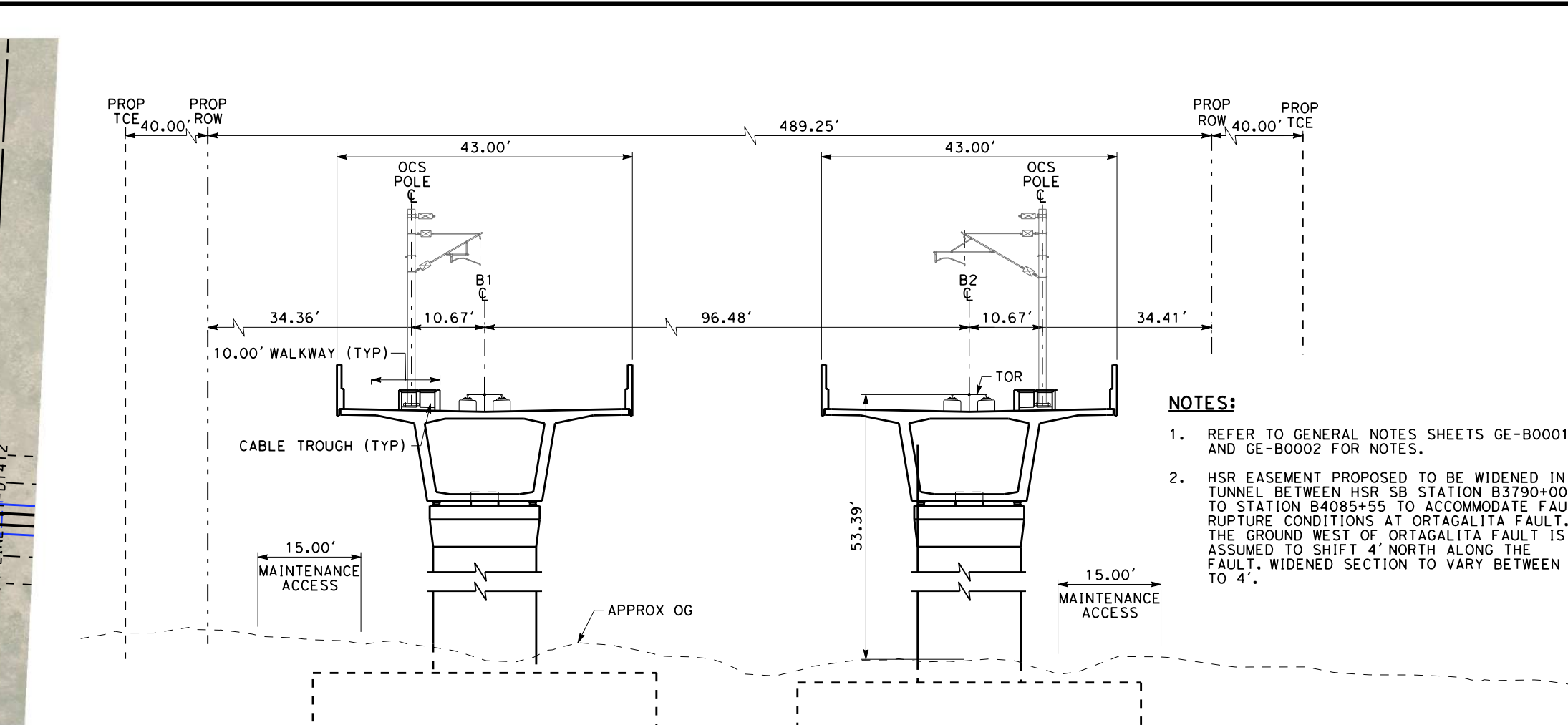
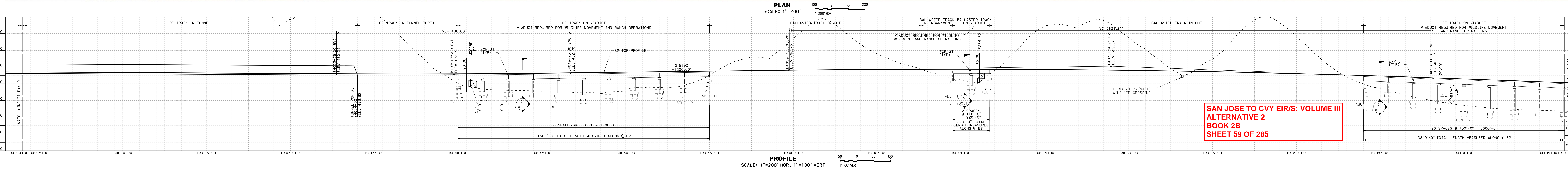
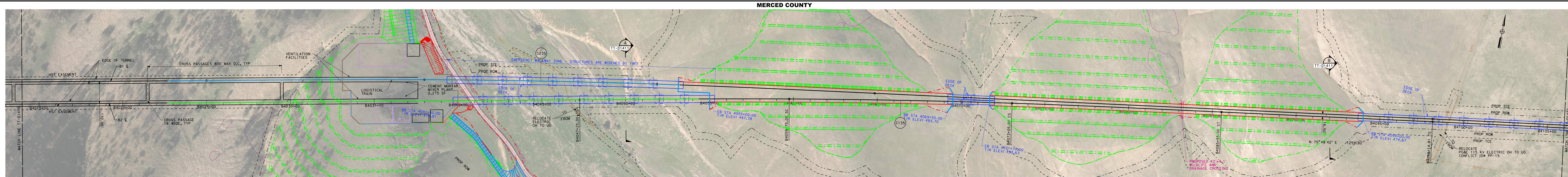


SECTION A
SCALE: 1"=20'
"B" 3995+00

- 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 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'.

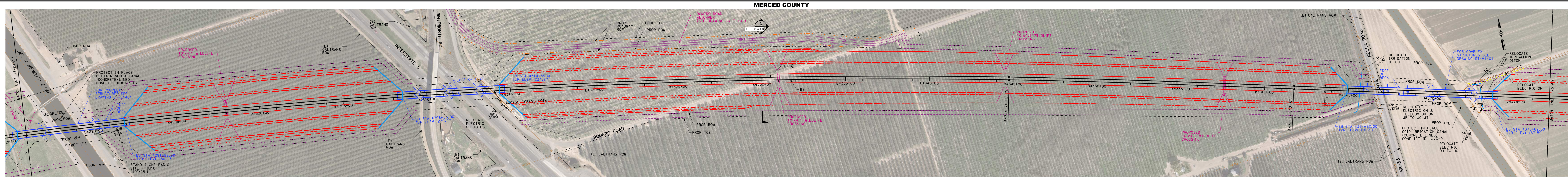
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 58 OF 285

<p>2021 RECORD SET PERD NOVEMBER 30, 2021 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 B3923+00 TO B4014+00</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D1410 SCALE AS SHOWN SHEET NO.</p>
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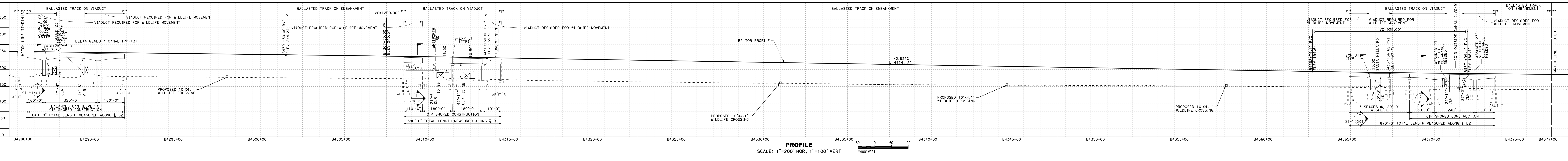


**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 59 OF 285**

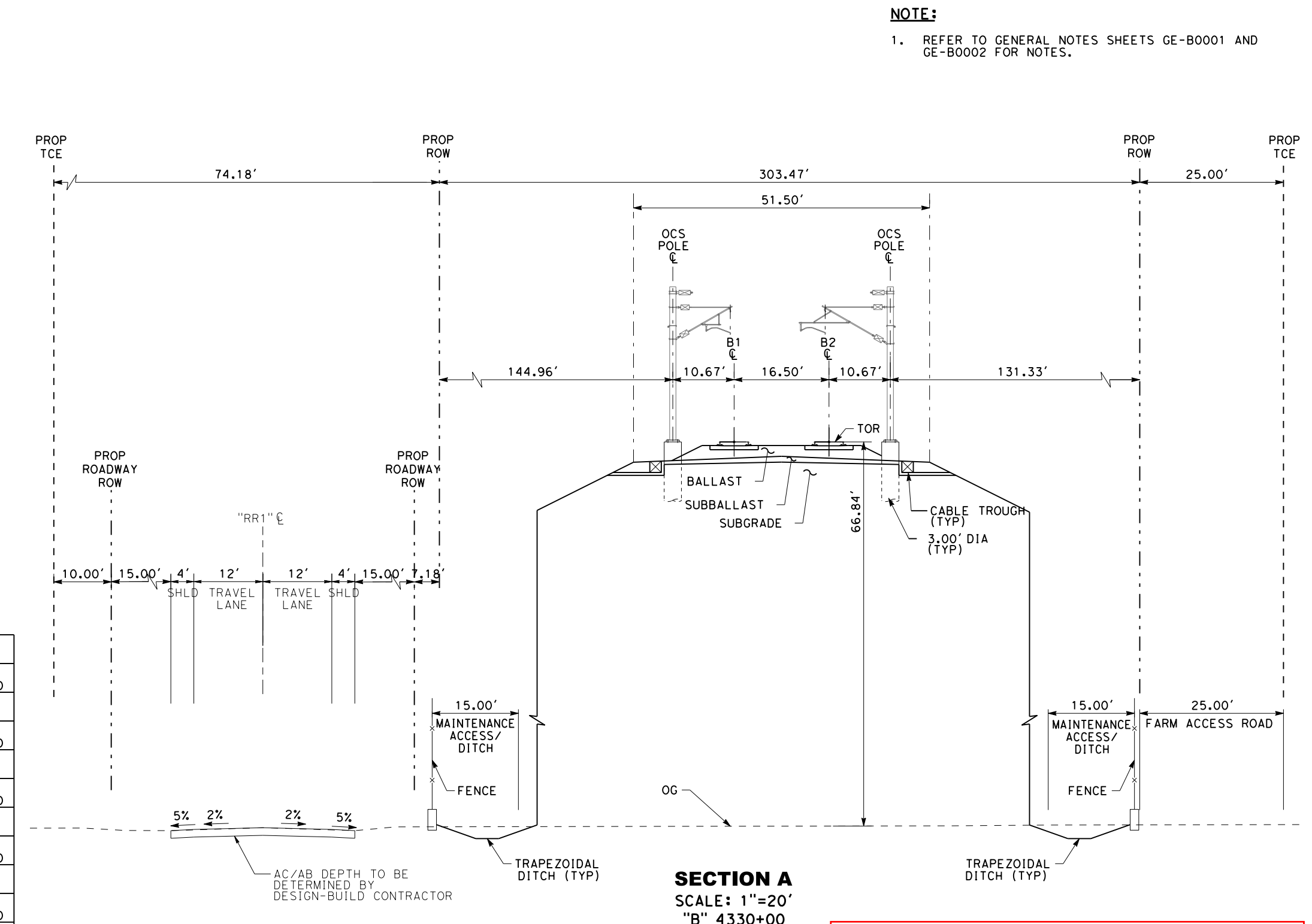
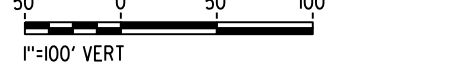
2021 RECORD SET P&P NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED PACHECO PASS TUNNEL COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B4014+00 TO B4105+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D-1411 SCALE AS SHOWN SHEET NO.
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PLAN
SCALE: 1"=200'



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

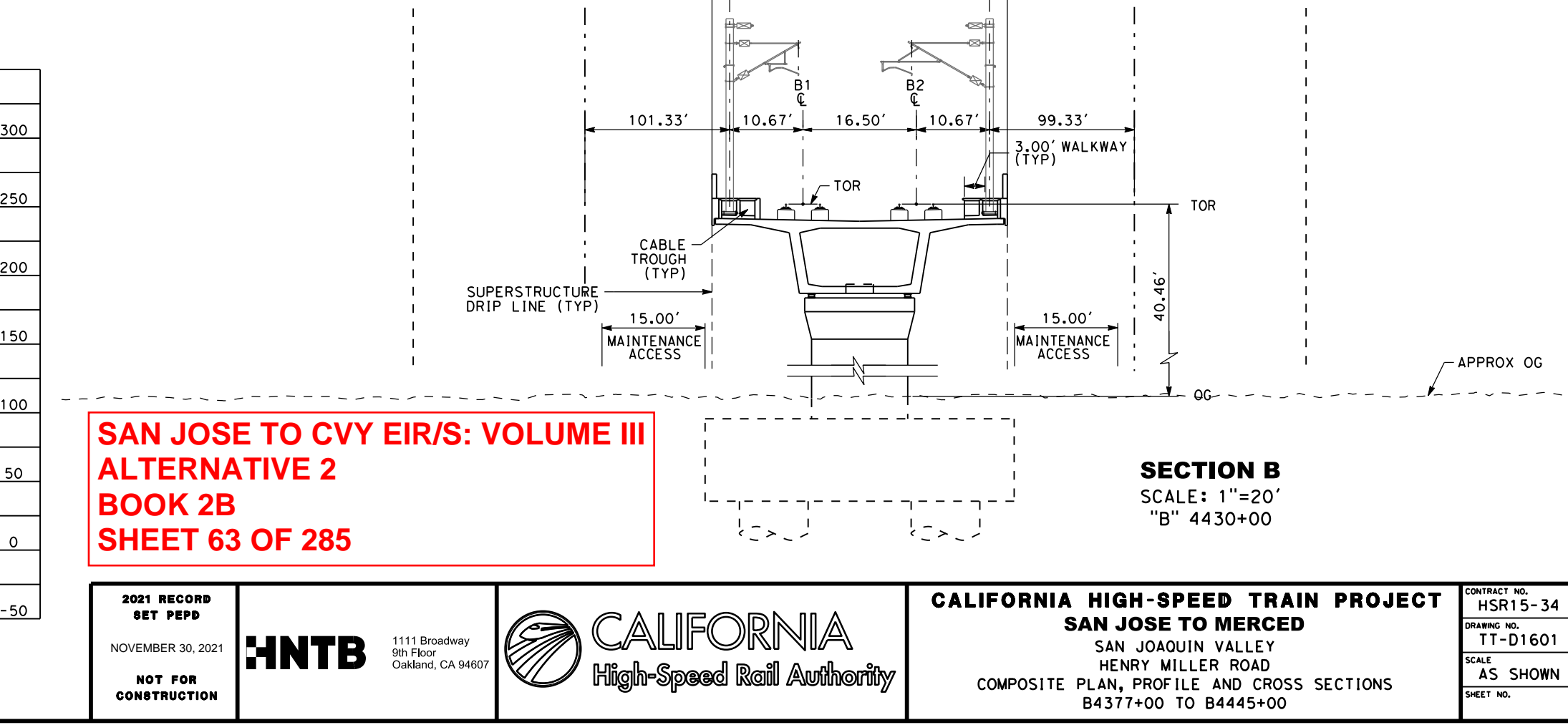
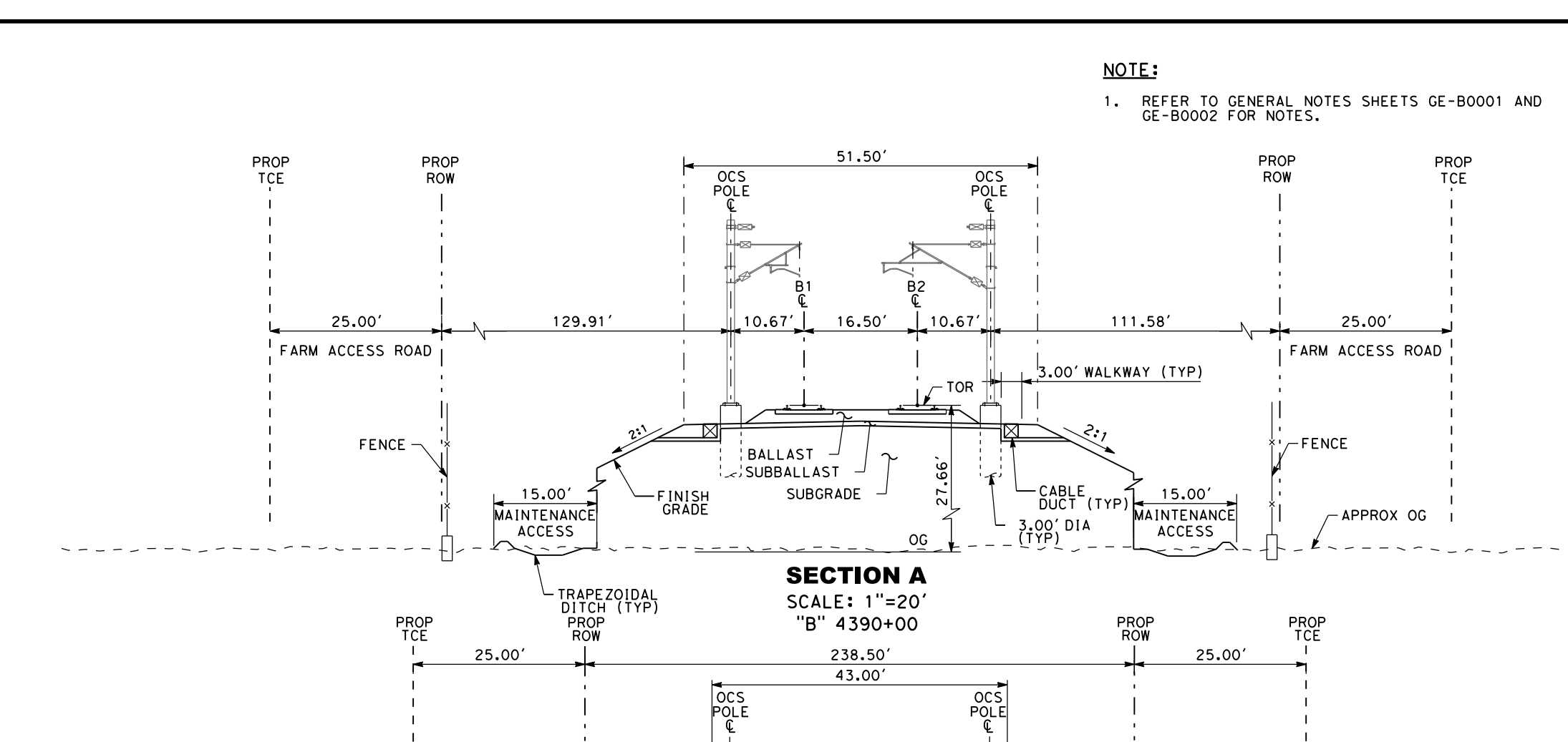
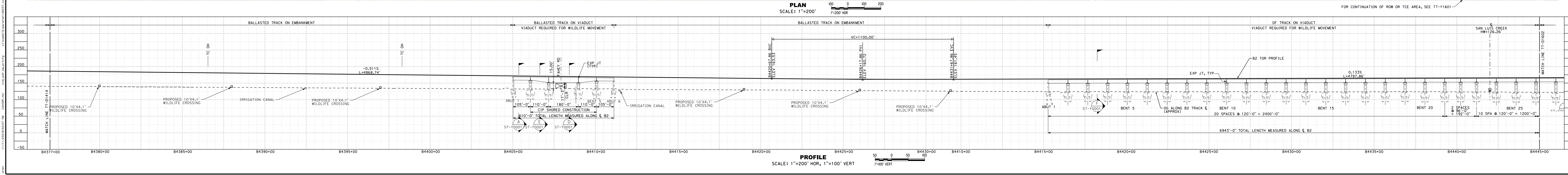
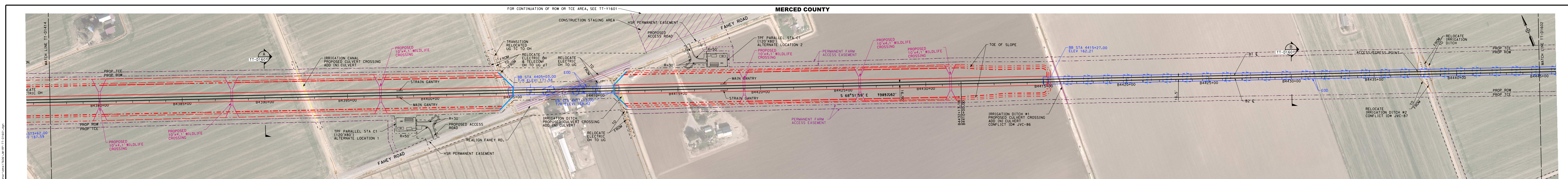


SECTION A
SCALE: 1"=20'
"B" 4330+00

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 62 OF 285

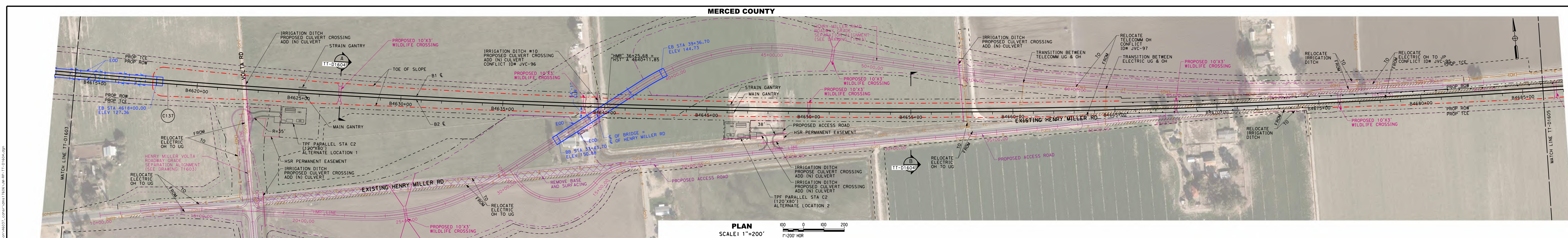
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

2021 RECORD SET P&P NOVEMBER 30, 2021 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 B4287+00 TO B4372+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1414 SCALE AS SHOWN SHEET NO.
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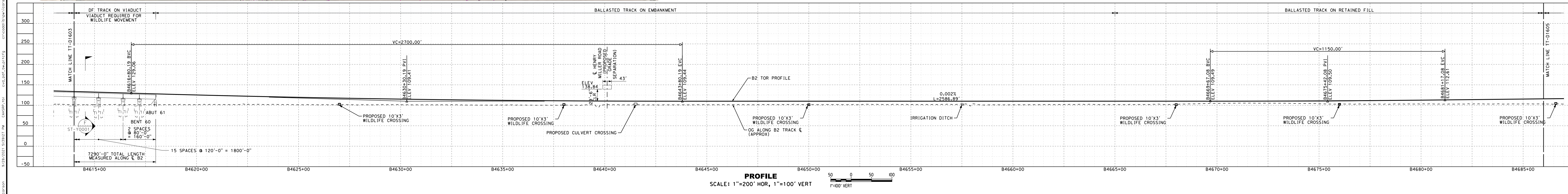


NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

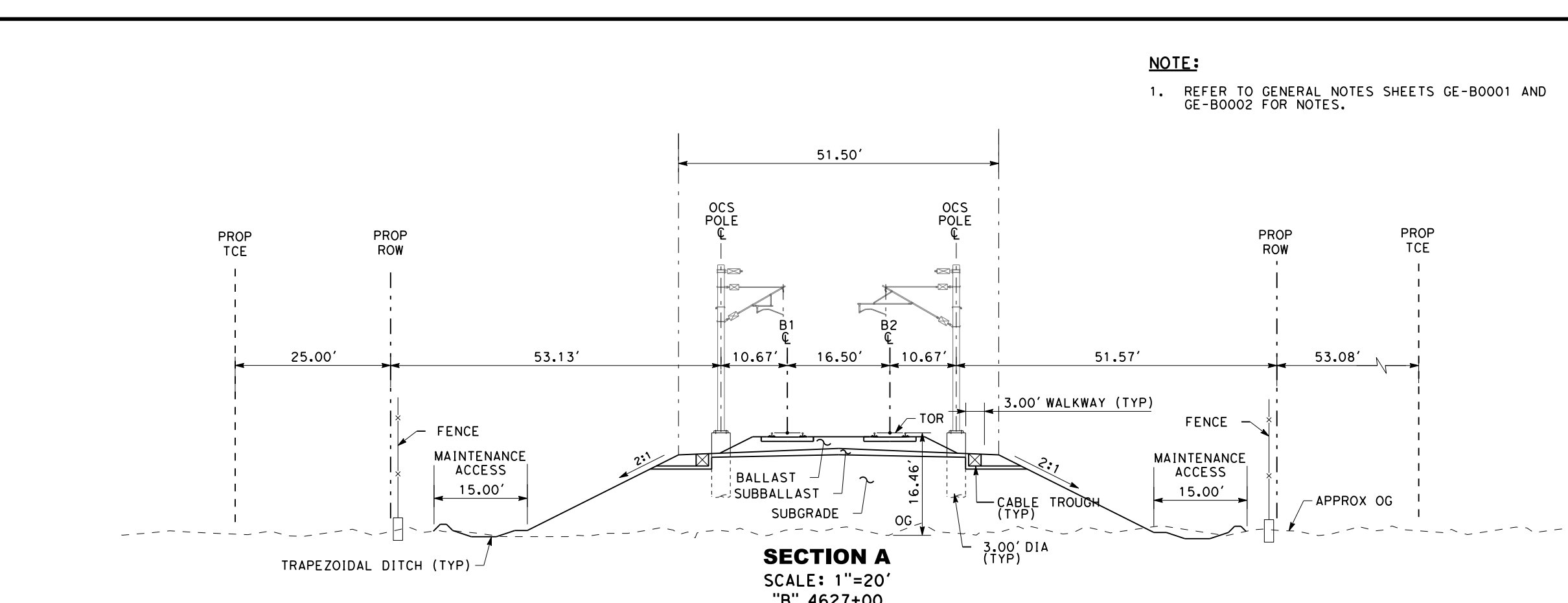
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 63 OF 285



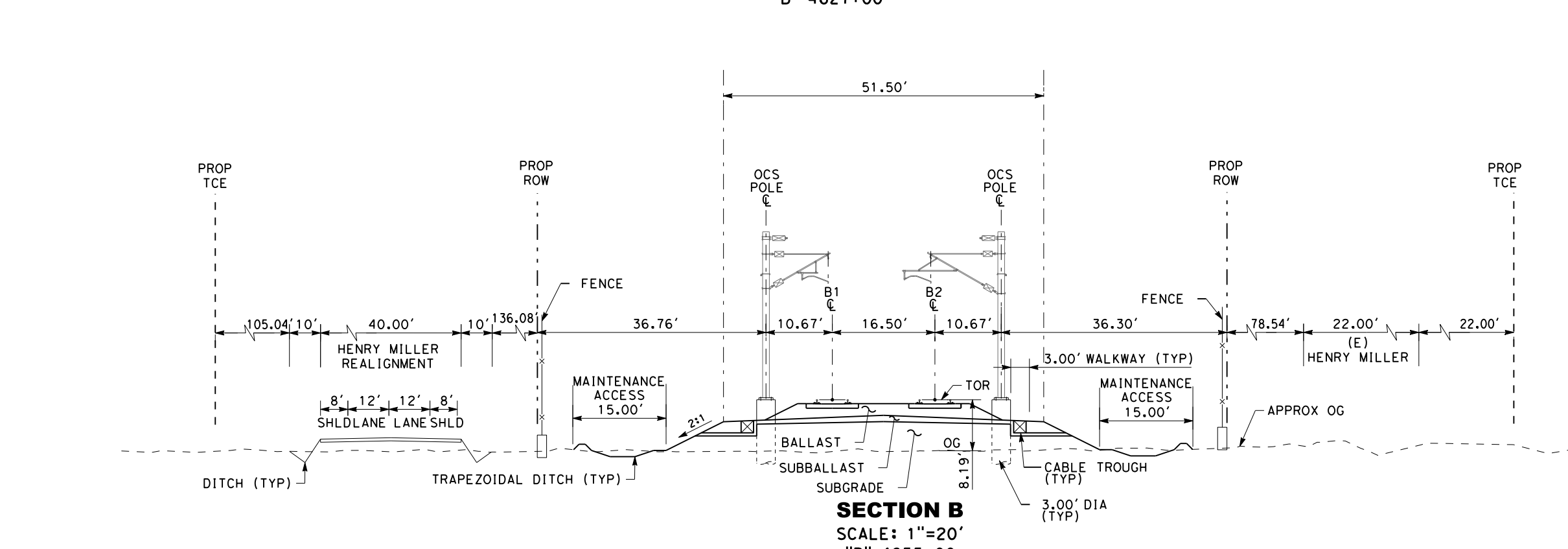
PLAN
SCALE: 1"=200'



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



SECTION A
SCALE: 1"=20'
"B" 4627+00



SECTION B
SCALE: 1"=20'
"B" 4655+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 66 OF 285

2021 RECORD SET PERP
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

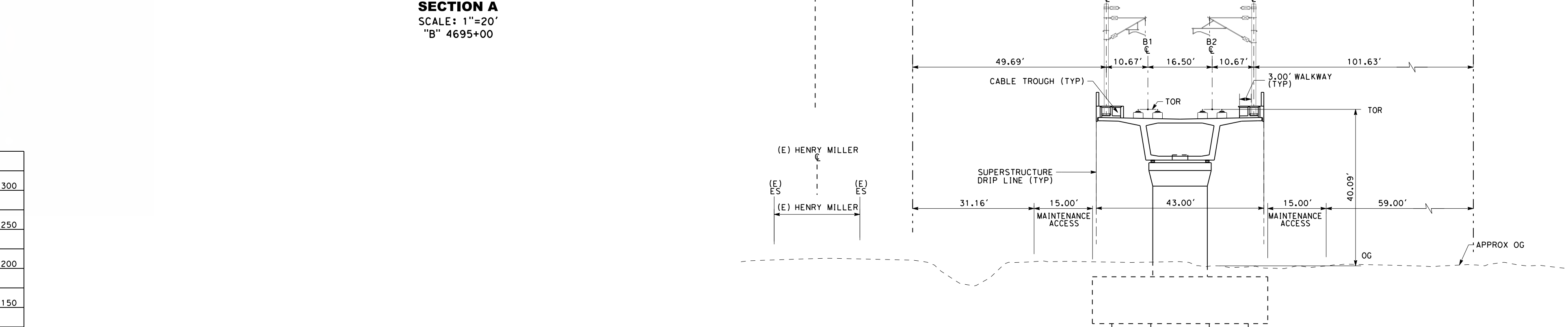
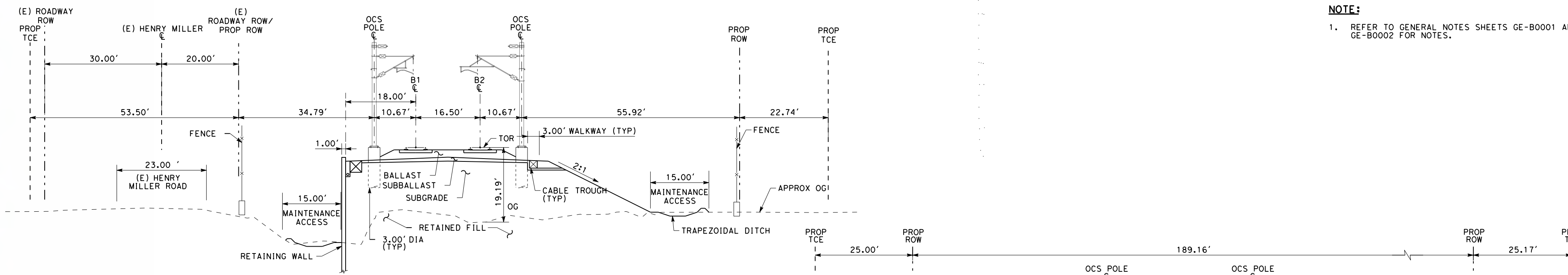
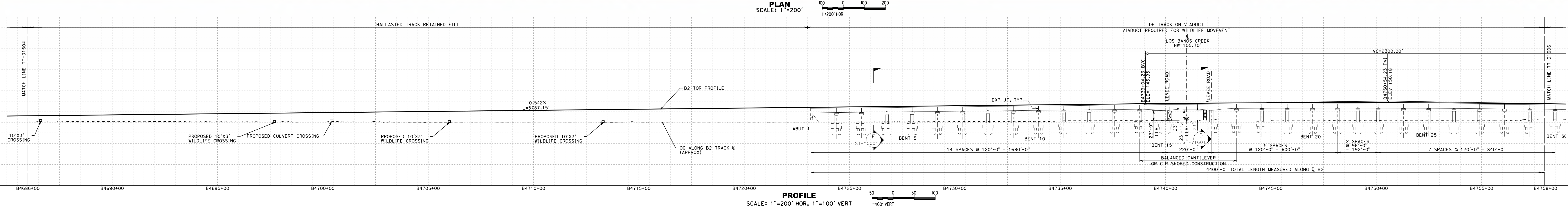
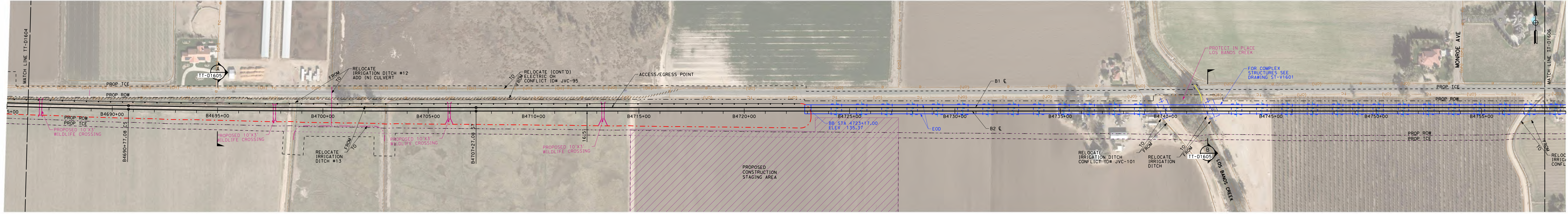
HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA
High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
HENRY MILLER ROAD
COMPOSITE PLAN, PROFILE AND CROSS SECTIONS
B4614+00 TO B4686+00

CONTRACT NO. HSR15-34
DRAWING NO. TT-D1604
SCALE: AS SHOWN
SHEET NO.

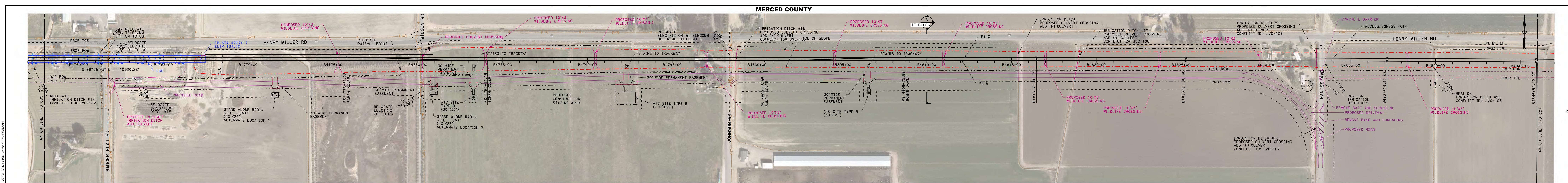
MERCED COUNTY



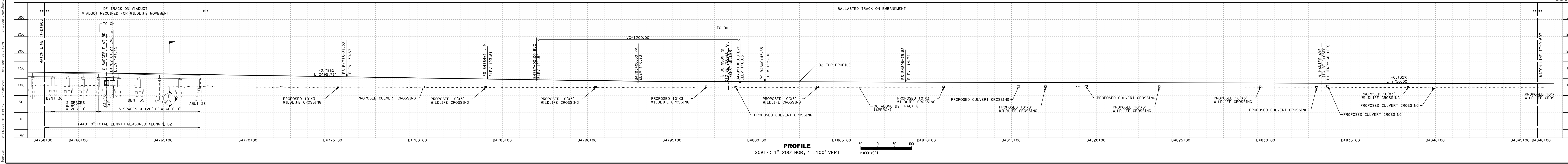
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 67 OF 285**

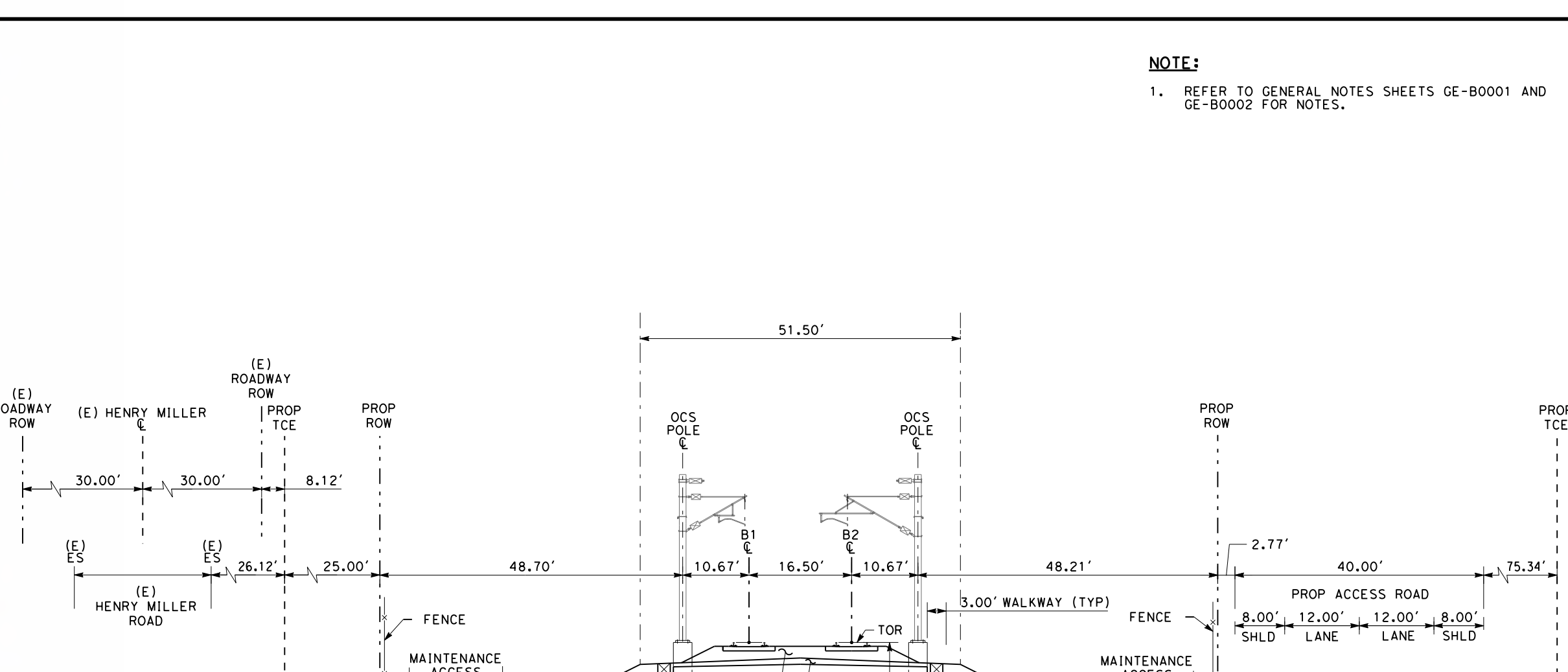
<p>2021 RECORD SET P&P NOVEMBER 30, 2021 NOT FOR CONSTRUCTION</p>	<p>HNTB 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS 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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PLAN
SCALE: 1"=200'



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

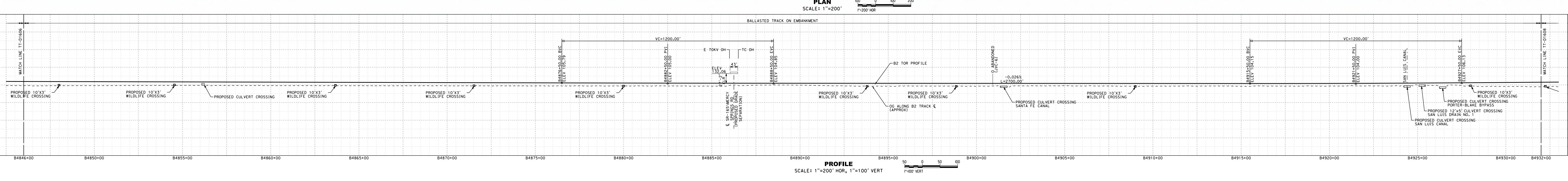
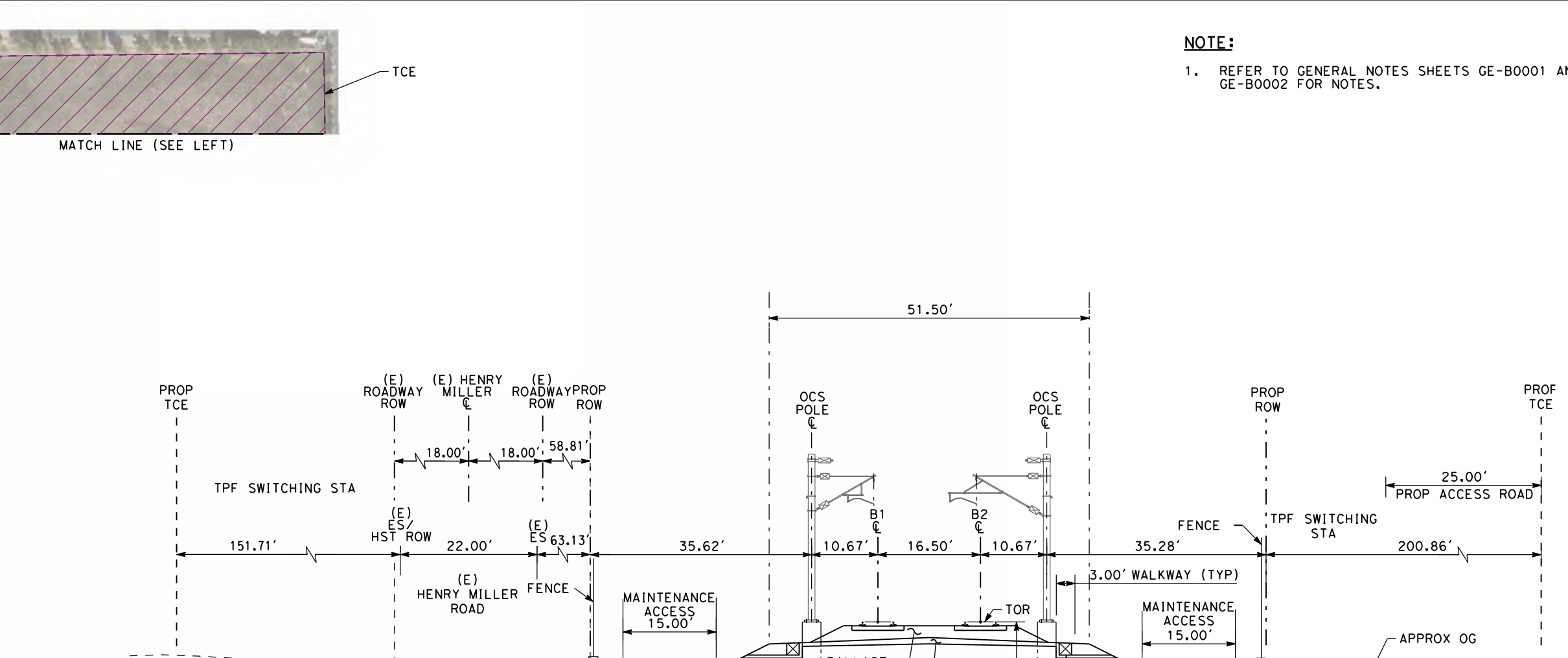
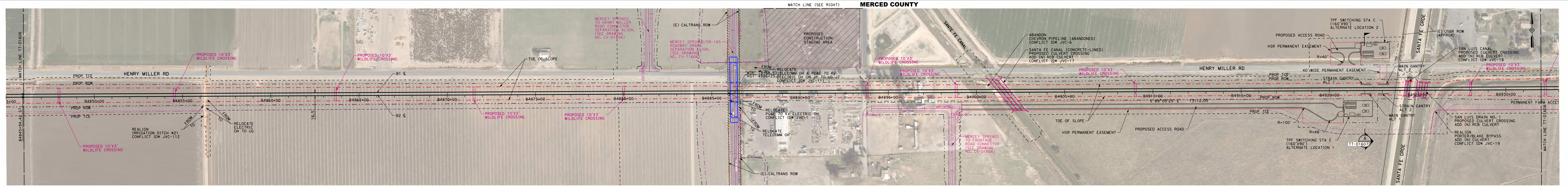


SECTION A
SCALE: 1"=20'
"B" 4810+00

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 68 OF 285

2021 RECORD SET P&P NOVEMBER 30, 2021 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 B4758+00 TO B4846+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1606 SCALE: AS SHOWN SHEET NO.
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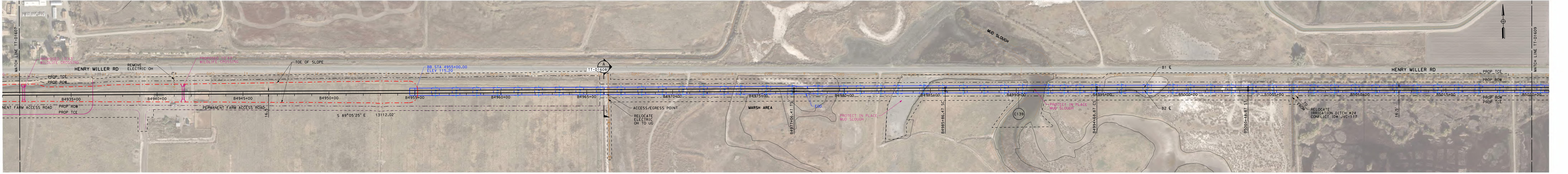


NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

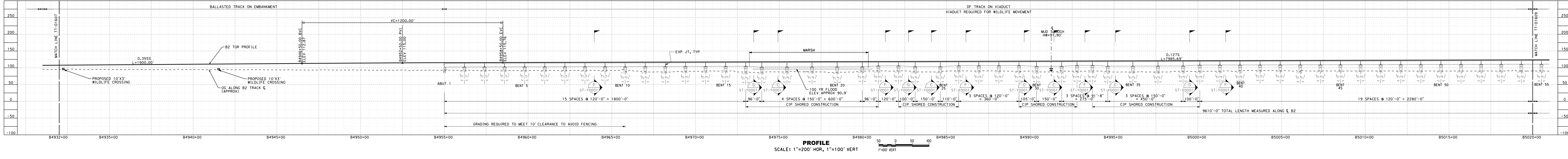
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 69 OF 285

2021 RECORD SET PERD NOVEMBER 30, 2021 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 B4846+00 TO B4932+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1607 SCALE AS SHOWN SHEET NO.
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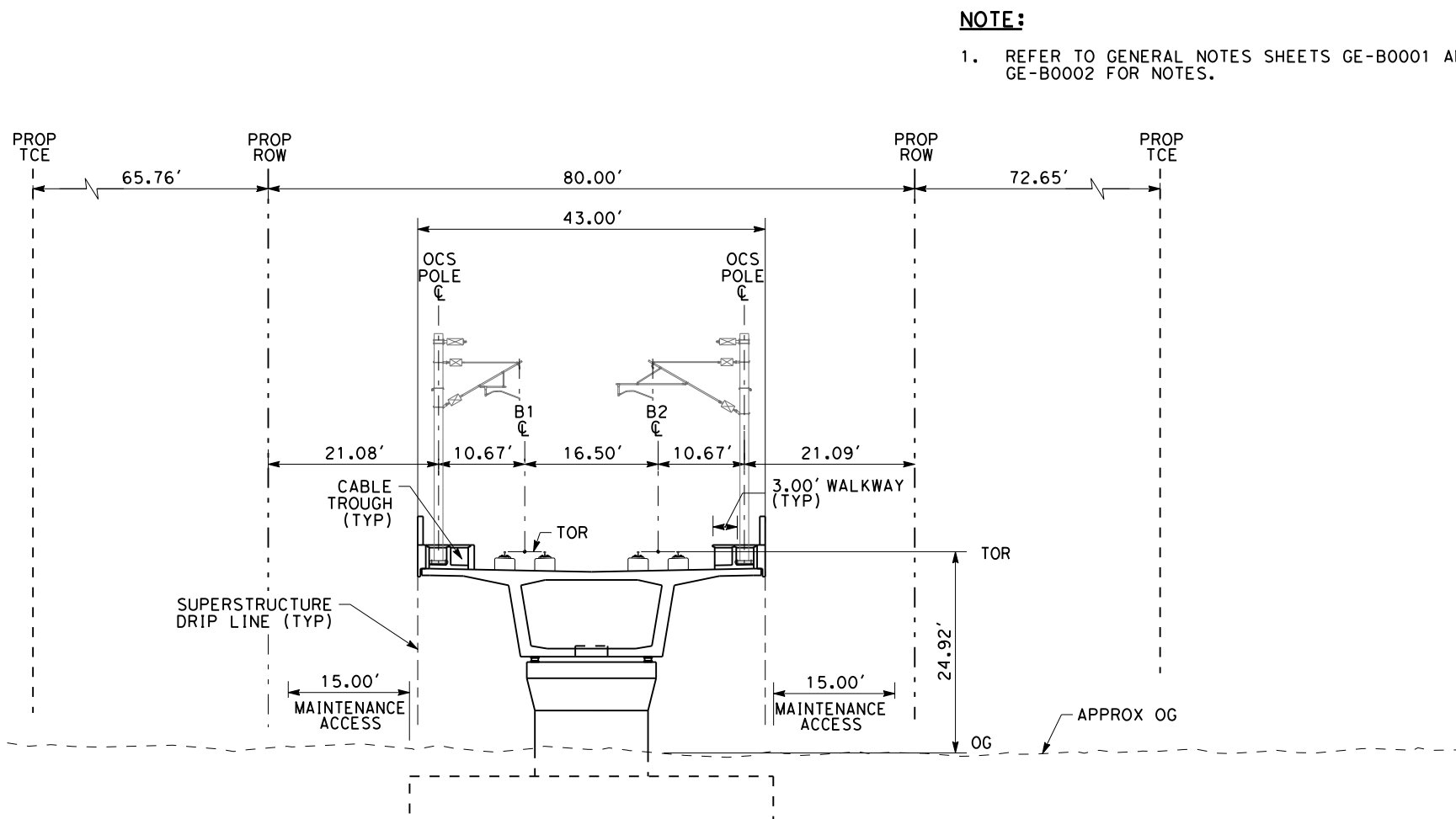
MERCED COUNTY



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



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

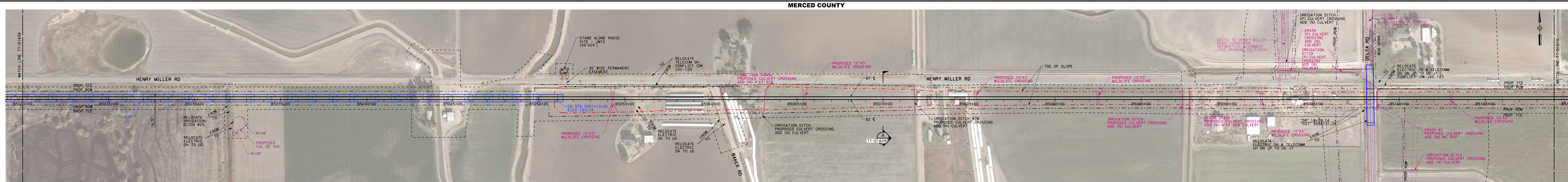


NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

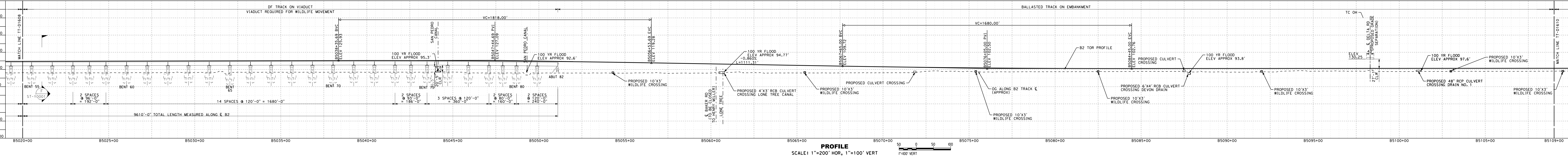
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"B" 4966+00

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 70 OF 285

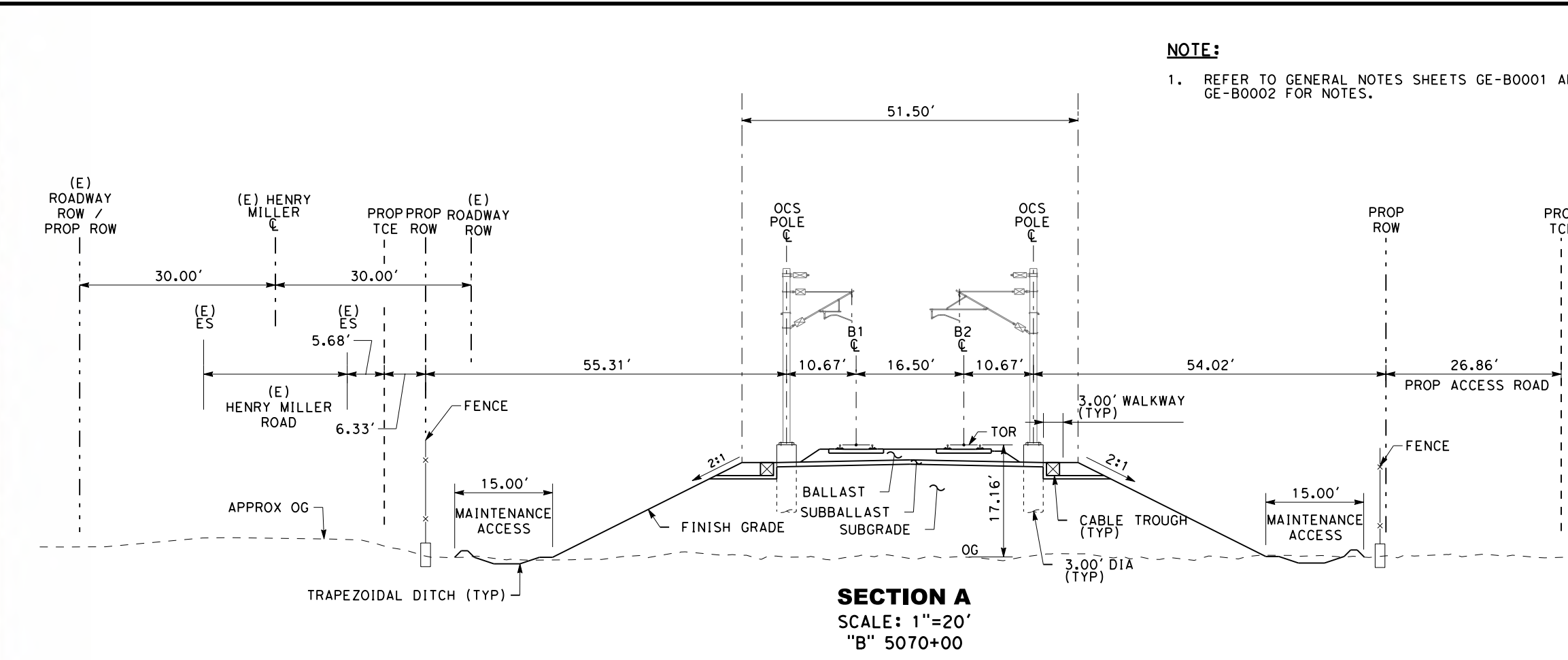
<p>2021 RECORD SET P&P NOVEMBER 30, 2021 NOT FOR CONSTRUCTION</p>	<p>HNTB 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS 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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PLAN
SCALE: 1"=200'



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

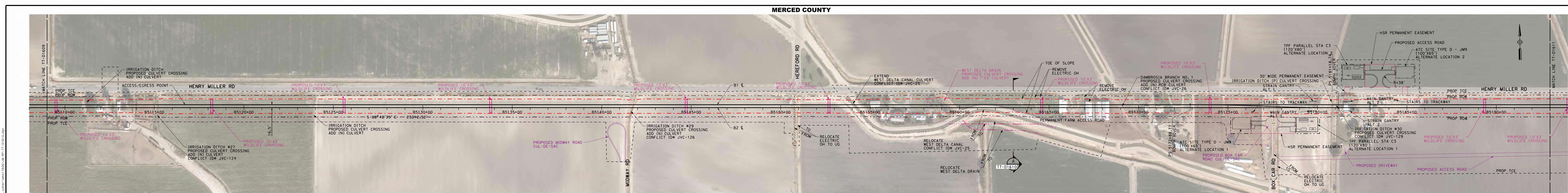


SECTION A
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"B" 5070+00

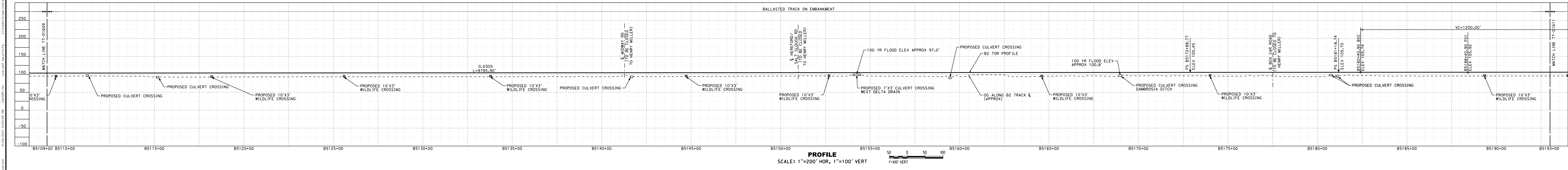
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 71 OF 285

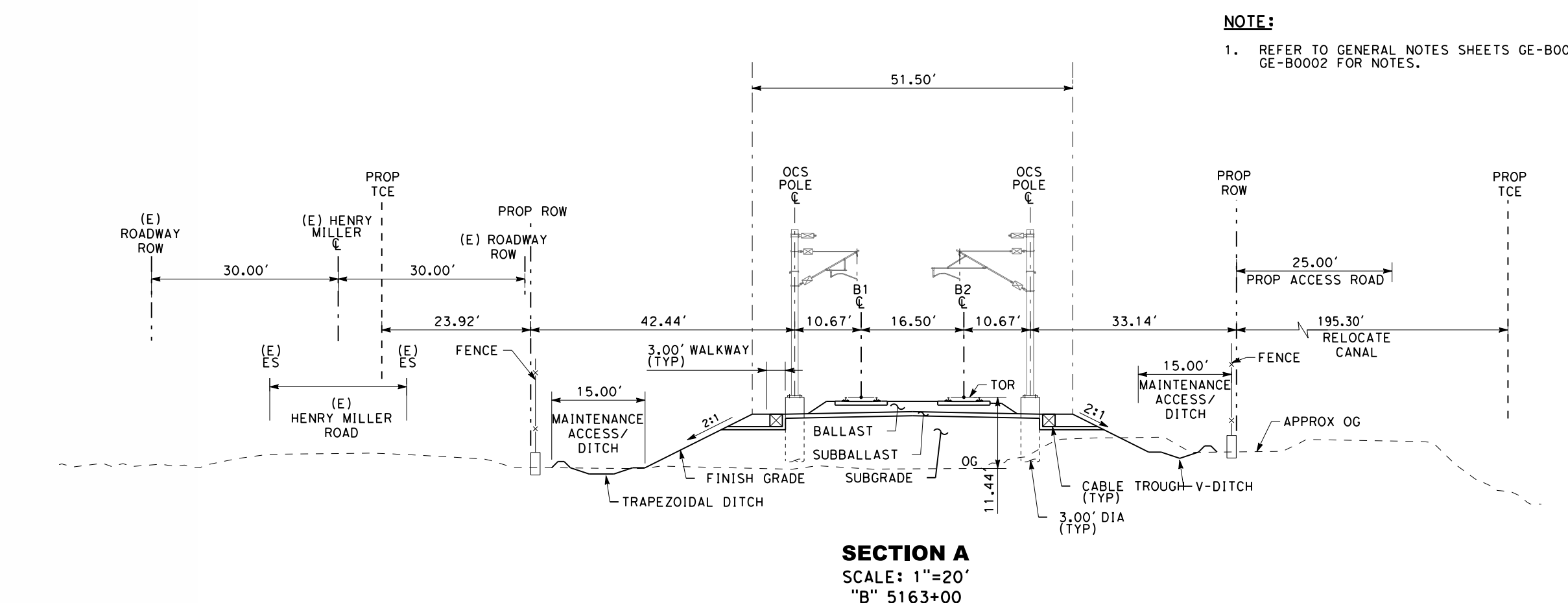
2021 RECORD SET P&P NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD COMPOSITE PLAN, PROFILE AND CROSS SECTIONS B5020+00 TO B5109+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1609 SCALE AS SHOWN SHEET NO.
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PLAN
SCALE: 1"=200'



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



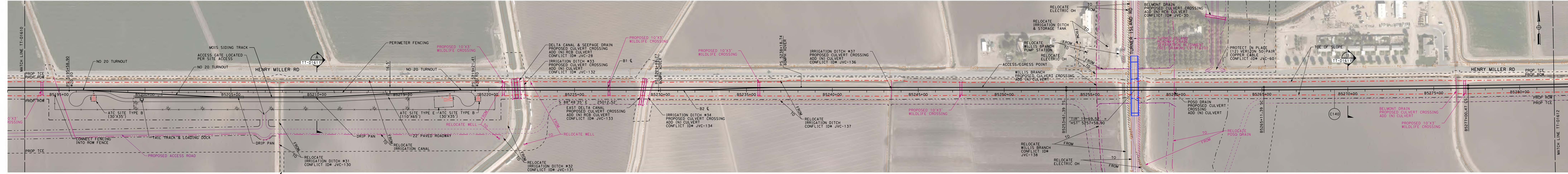
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"B" 5163+00

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

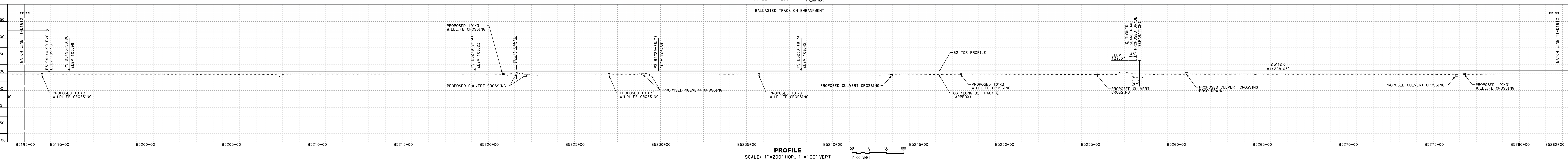
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 72 OF 285

2021 RECORD SET P&P NOVEMBER 30, 2021 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 B5109+00 TO B5193+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D1610 SCALE: AS SHOWN SHEET NO.
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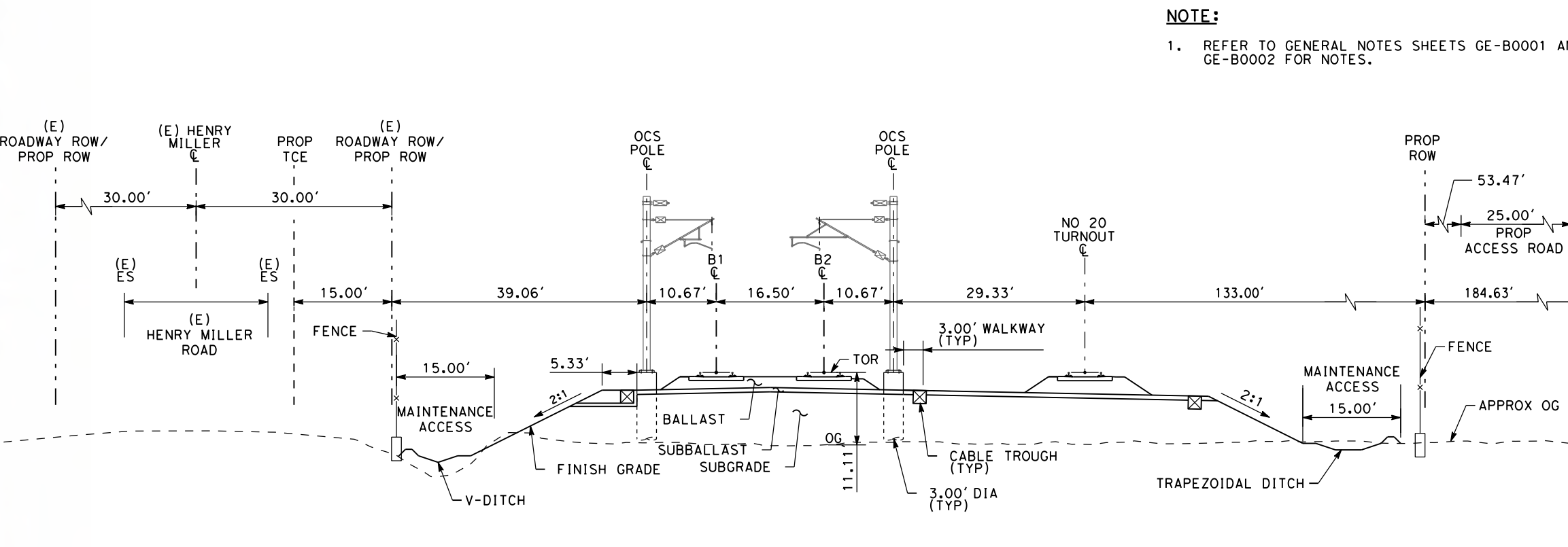
MERCED COUNTY



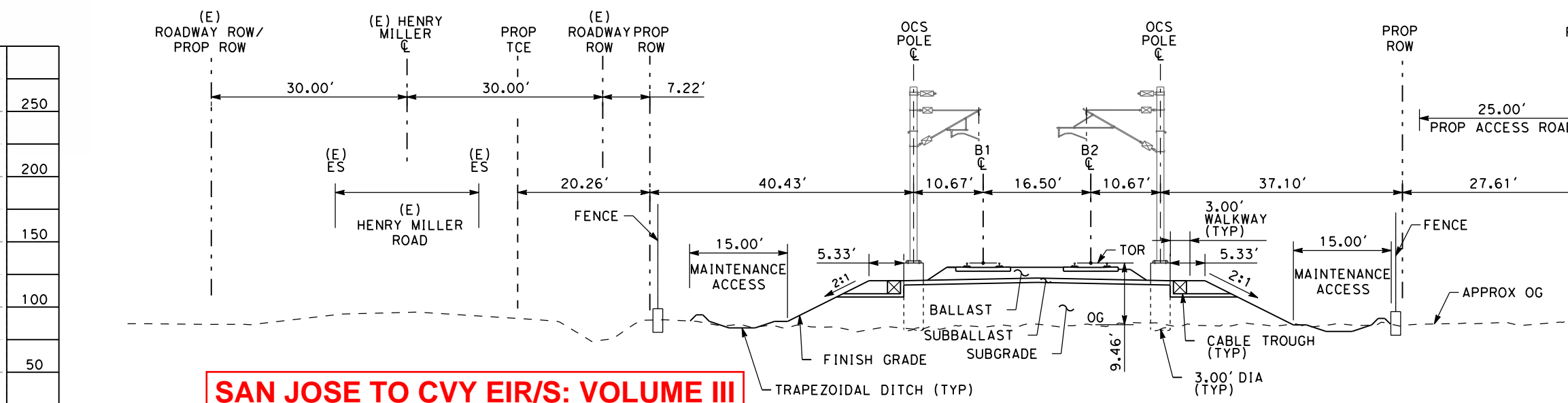
PLAN
SCALE: 1"=200'



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



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



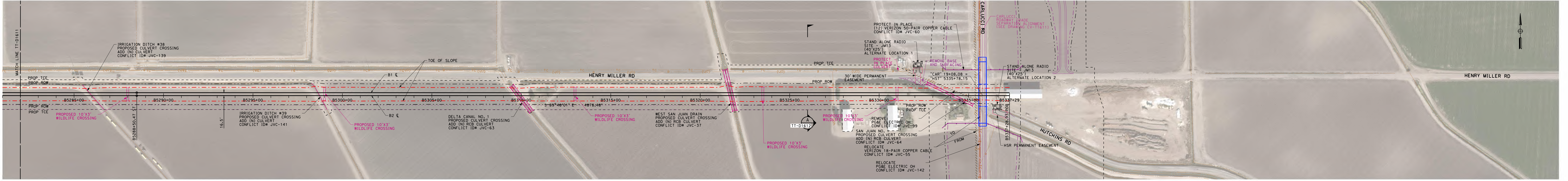
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NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

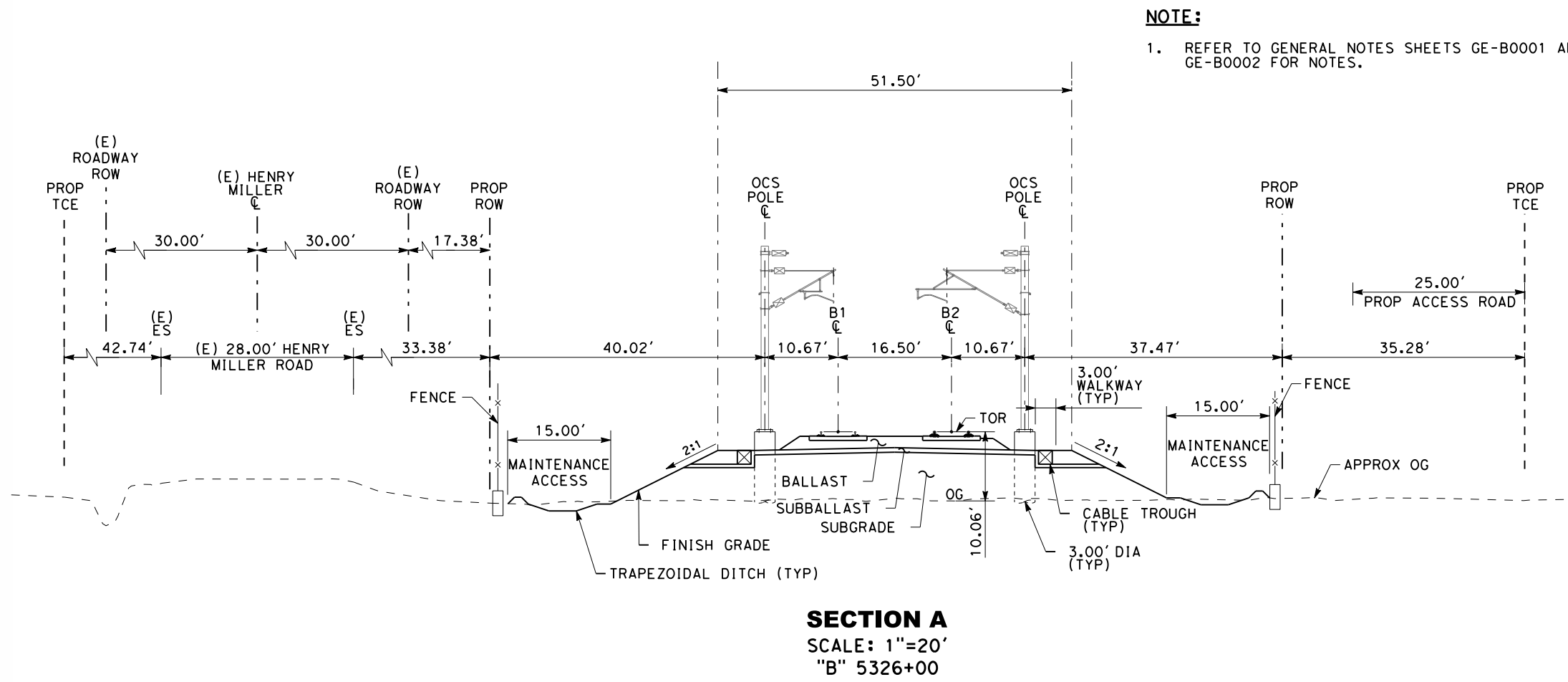
**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 73 OF 285**

<p>2021 RECORD SET PER NOVEMBER 30, 2021</p> <p>HNTB</p> <p>NOT FOR CONSTRUCTION</p>	<p>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 B5193+00 TO B5282+00</p>	<p>CONTRACT NO. HSR15-34</p> <p>GRAPHIC NO. TT-D1611</p> <p>SCALE AS SHOWN</p> <p>SHEET NO.</p>
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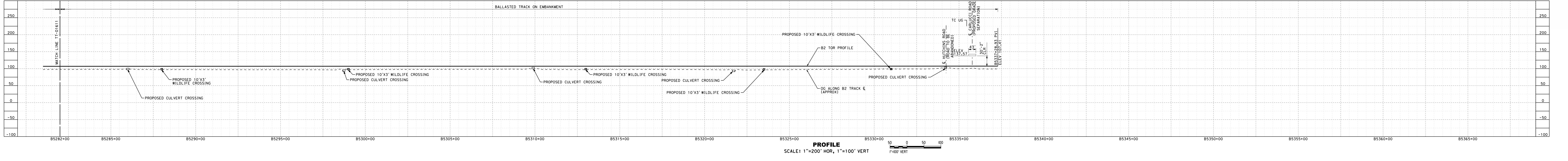
MERCED COUNTY



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



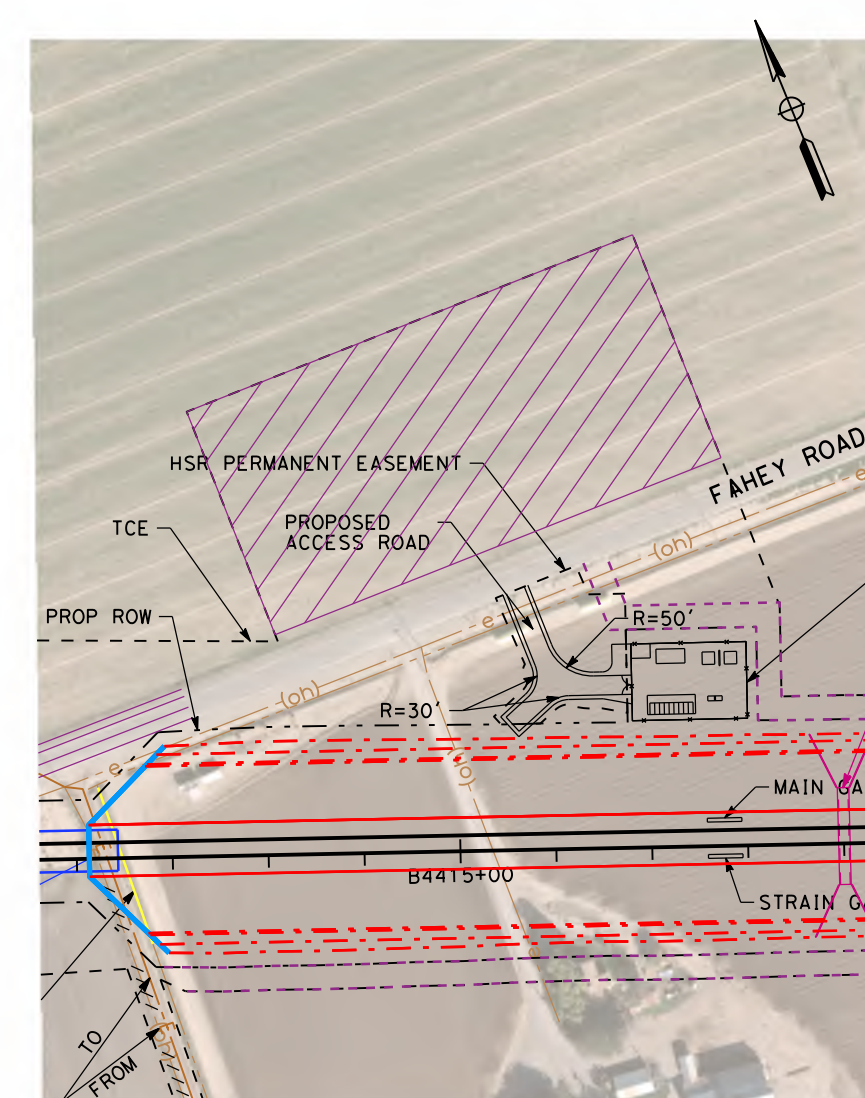
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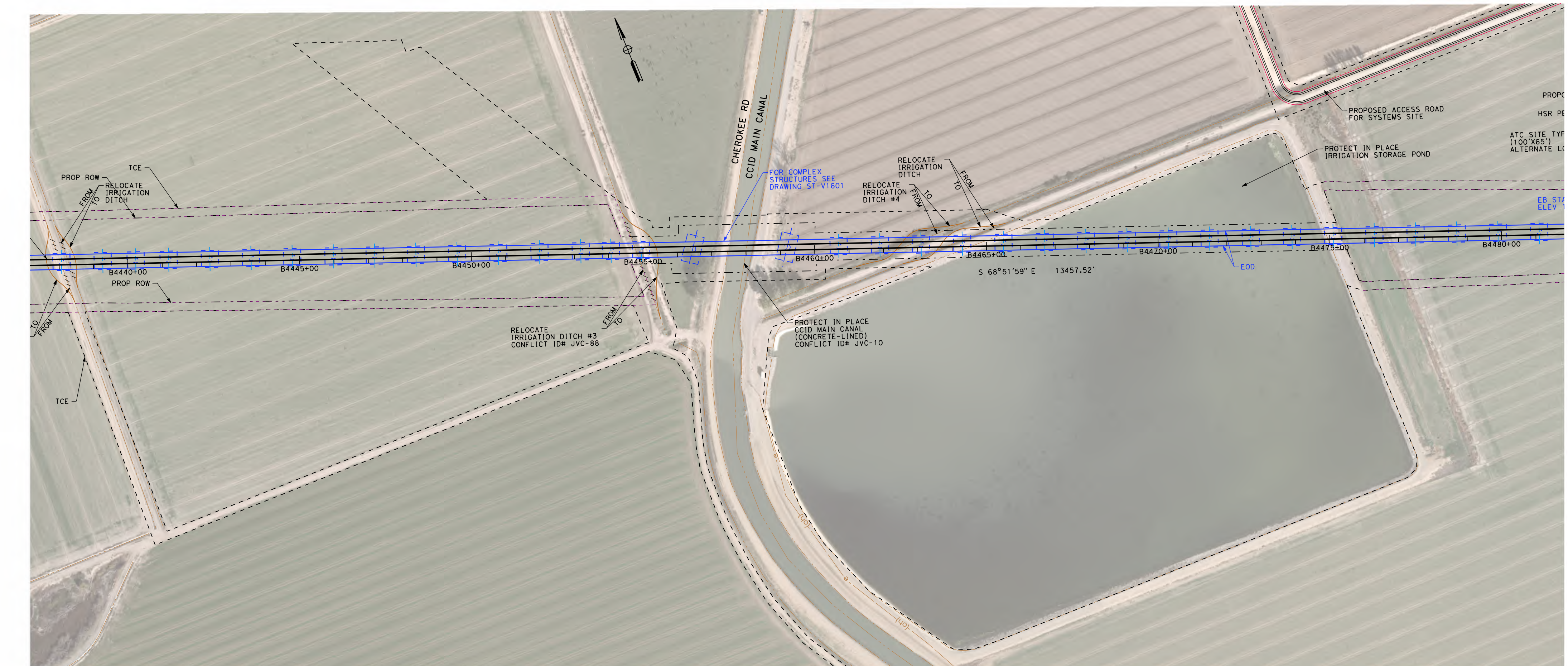
PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 74 OF 285**

<p>2021 RECORD SET PERP NOVEMBER 30, 2021 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 B5282+00 TO B5337+28.93</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D1612 SCALE AS SHOWN SHEET NO.</p>
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PROJECT BOUNDARY DETAIL
AT STA B4440+00 TO STA B4480+00



PROJECT BOUNDARY DETAIL
AT STA B4440+00 TO STA B4480+00

MATCH LINE (SEE RIGHT)



SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 75 OF 285



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

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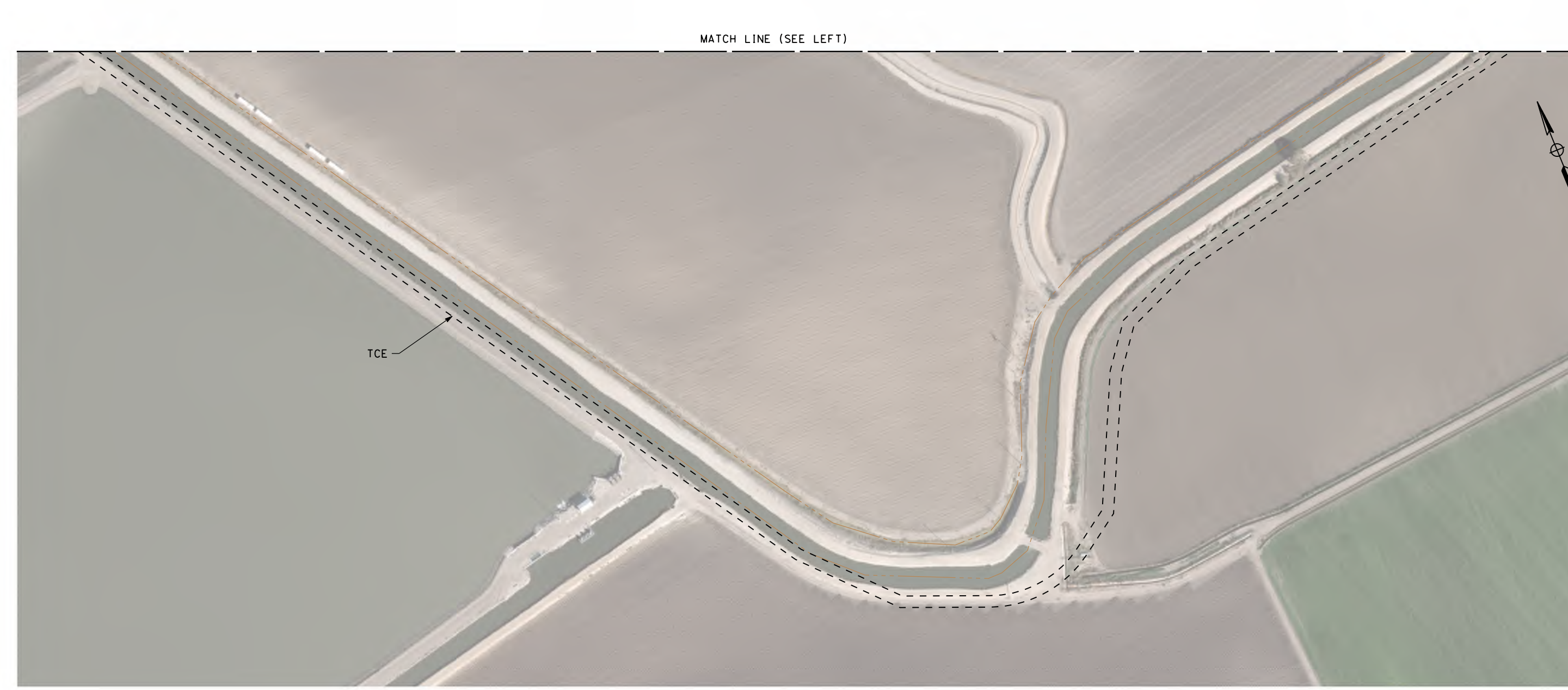
2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOAQUIN VALLEY HENRY MILLER ROAD PROJECT BOUNDARY DETAILS	CONTRACT NO. HSR15-34 DRAWING NO. TT-Y1601 SCALE 1"=200' SHEET NO.
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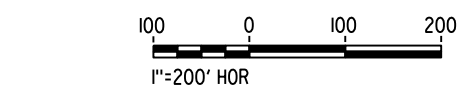
MATCH LINE (SEE RIGHT)

PROJECT BOUNDARY DETAIL
AT STA B5207+00 TO STA B5255+00



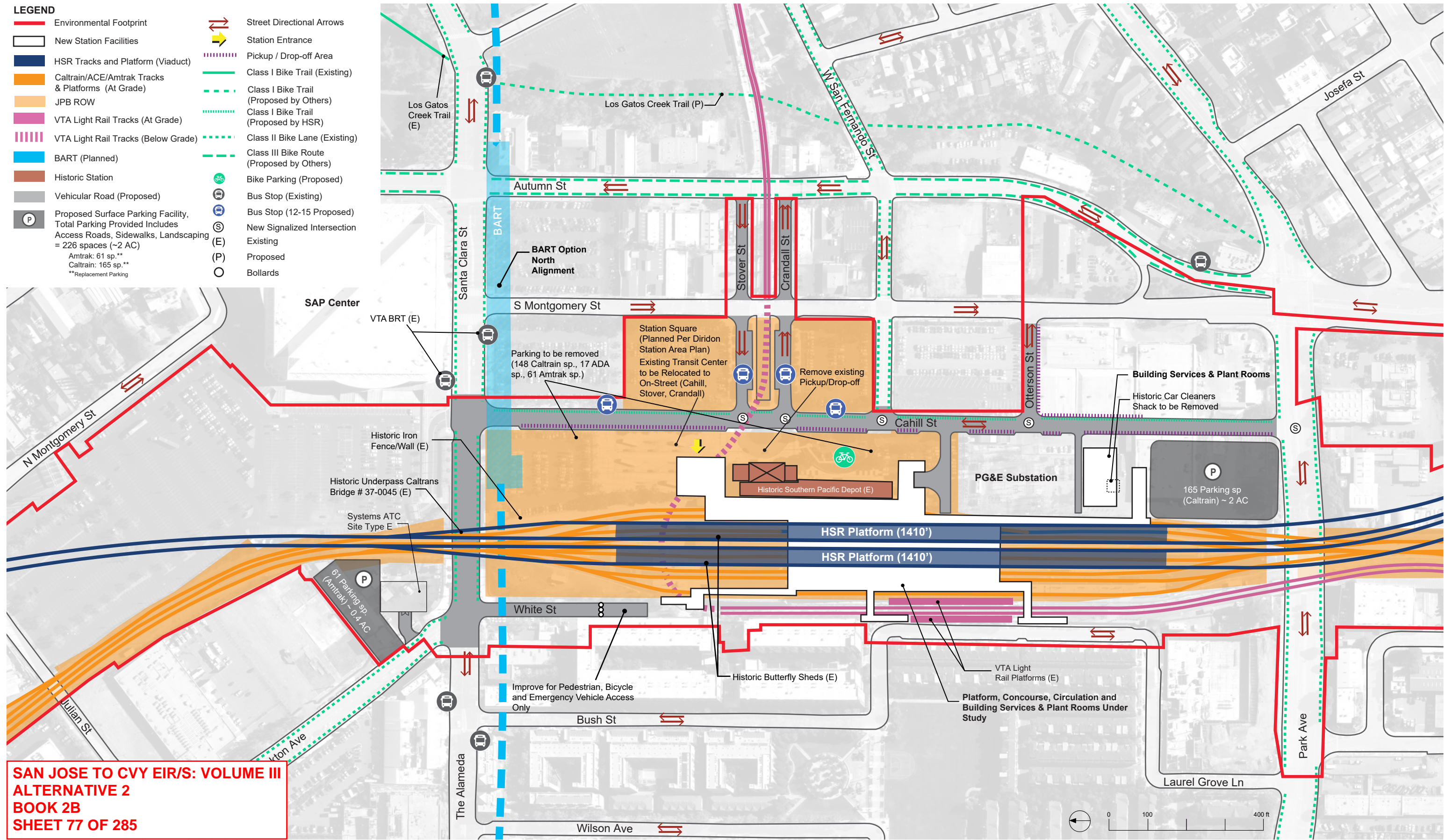
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 76 OF 285

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



2021 RECORD SET PERD NOVEMBER 30, 2021 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 PROJECT BOUNDARY DETAILS	CONTRACT NO. HSR15-34 DRAWING NO. TT-Y1602 SCALE 1"=200' 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)
 - B Bike Parking (Proposed)
 - B Bus Stop (Existing)
 - B Bus Stop (12-15 Proposed)
 - S New Signalized Intersection
 - E Existing
 - P Proposed
 - O Bollards



**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 77 OF 285**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	

2021 RECORD SET PEPP
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

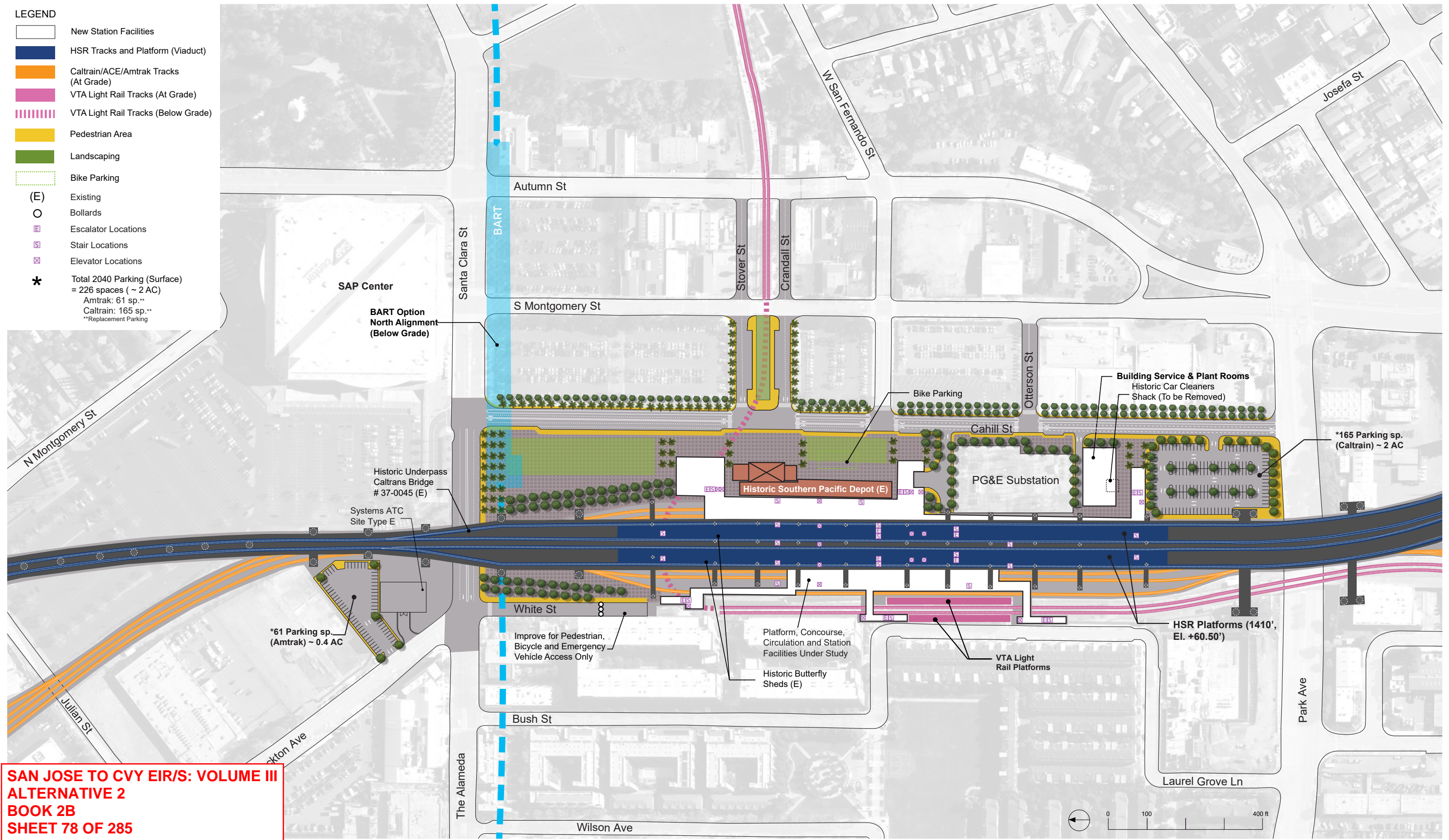
HNTB
1111 Broadway
9th Floor
Oakland, CA 94607



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOSE DIRIDON STATION APPROACH
VIADUCT TO 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



**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 78 OF 285**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	

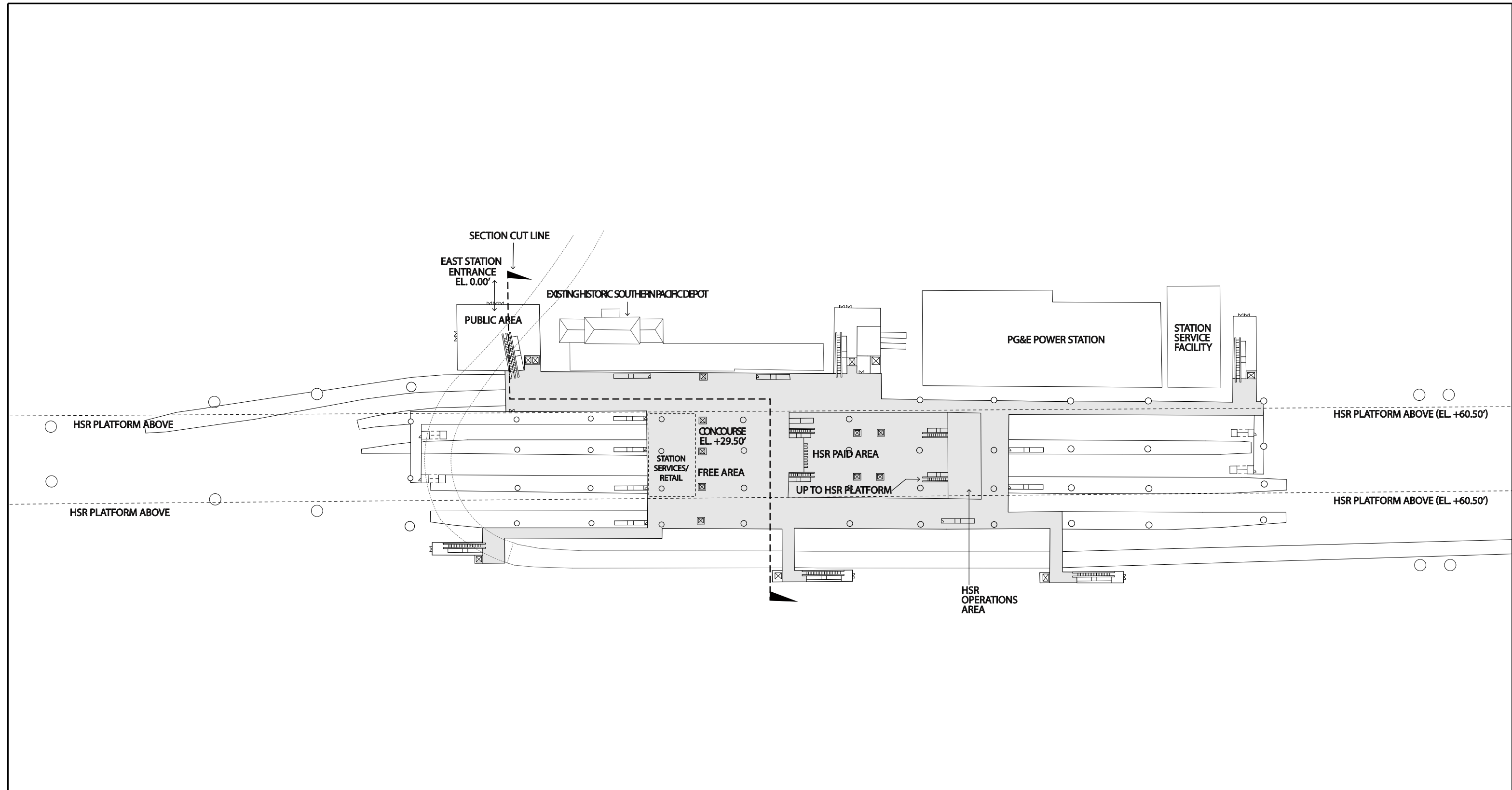
2021 RECORD SET PEPD
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

HNTB 1111 Broadway
9th Floor
Oakland, CA 94607

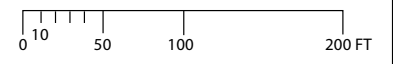


CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOSE DIRIDON STATION APPROACH
VIADUCT TO I-880
SAN JOSE DIRIDON STATION
DETAILED SITE PLAN

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 79 OF 285**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	

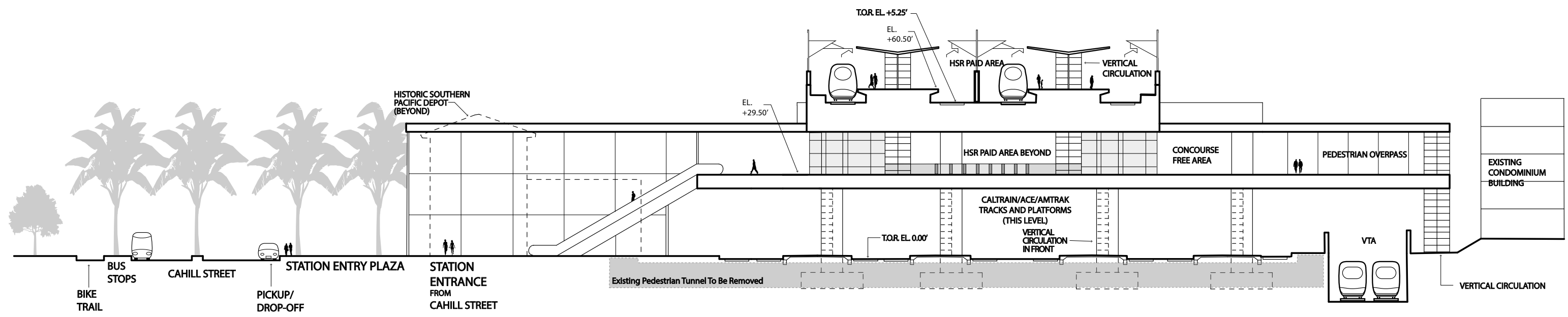
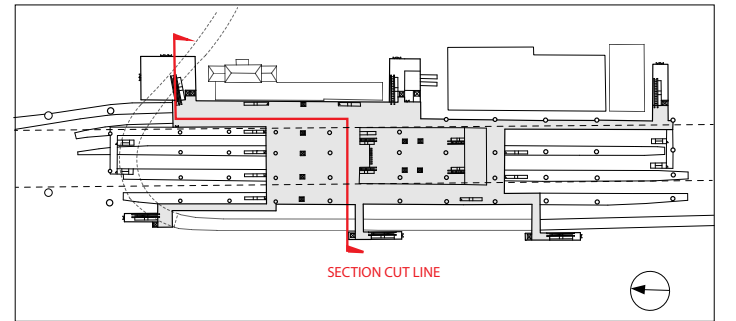
2021 RECORD SET
PEPD
 NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

HNTB 1111 Broadway
 9th Floor
 Oakland, CA 94607

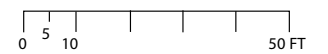


CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOSE DIRIDON STATION APPROACH
 VIADUCT TO I-880
 SAN JOSE DIRIDON STATION
 CONCOURSE PLAN

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 80 OF 285**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	

2021 RECORD SET PEPP
NOVEMBER 30, 2021
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 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 81 OF 285**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	

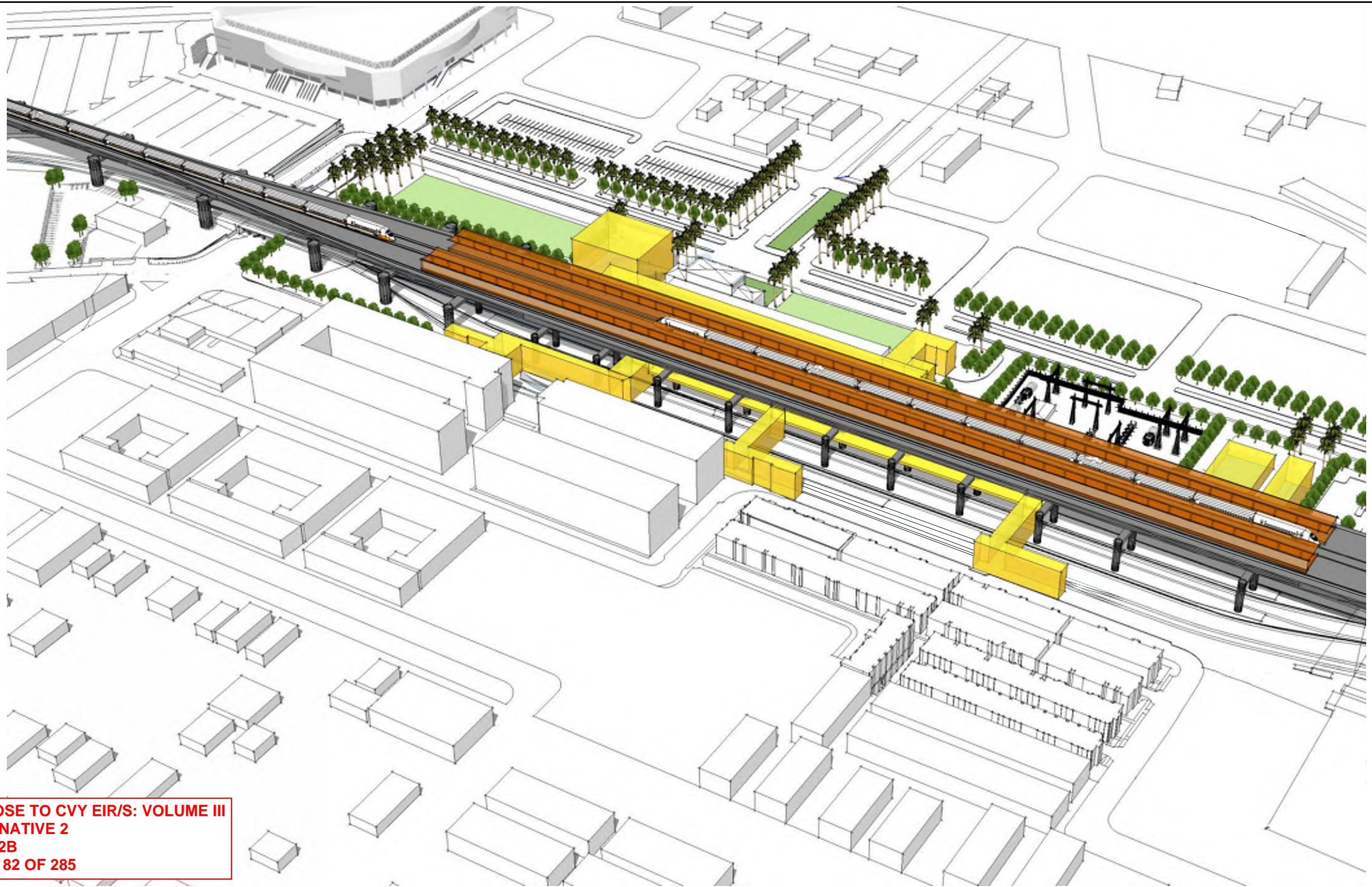
**2021 RECORD
 SET PEPP**
 NOVEMBER 30, 2021
**NOT FOR
 CONSTRUCTION**

HNTB 1111 Broadway
 9th Floor
 Oakland, CA 94607



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 SAN JOSE TO MERCED**
 SAN JOSE DIRIDON STATION APPROACH
 VIADUCT TO 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 82 OF 285**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
DRAWN BY
CHECKED BY
IN CHARGE
DATE

2021 RECORD SET PEPP
NOVEMBER 30, 2021
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 I-880
SAN JOSE DIRIDON STATION
MASSING DIAGRAM 2

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

Diridon Station Programming & Area Requirements Table				
Category	Description	Formula	Requirement Area / Unit	Comments
Daily Peak Ridership Boardings 2040	Long Distance	15,430	15,430	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	10,338	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 10,385 x 0.75	7,754	
P60B	Peak 6 Hour Boardings x Peak Hour Conversion Factor for Boardings = Peak Hour Boardings	P360B x 0.17=P60B 10,385 X 0.17	1,757	
P60A	Peak Hour Boardings x Peak Hour Conversion Factor for Alightings = Peak Hour Alightings	P60B x 0.75=P60A 1,765 x 0.75	1,318	
P30B	Peak Hour Boardings /2 x Surge Factor = Peak 30 Minute Boardings	(P60B /2) x 1.2=P30B (1,765/2) x 1.2	1,054	
P30A	Peak 30 Minute Boardings x Conversion Factor = Peak 30 Minute Alightings	P30B x 0.075=P30A 1,059 x 0.75	791	
P15B	Peak Hour Boardings / 4 x Surge Factor = Peak 15 Minute Boardings	(P60B /4) x 1.3= P15B (1,765 /4) x 1.3	571	
P15A	Peak 15 Minute Boardings x Conversion Factor=Peak 15 Minute Alightings	P15B x 0.75=P15A 574 x 0.75	428	
P5B	Peak Hour Boardings /12 x Surge Factor = Peak 5 Minute Boardings	(P60B /12) x 1.4= P5B (1,765 /12) x 1.4	205	
P5A	Peak 5 Minute Boardings x Conversion Factor = Peak 5 Minute Alightings	P5B x 0.75=P5A 206 x 0.75	154	
P1B	Peak Hour Boardings /60 x Surge Factor=Peak 1 Minute Boardings	(P60B /60) x 1.5=P1B (1,765/60) x 1.5	44	
P1A	Peak 1 Minute Boardings x Conversion Factor for Alightings=Peak 1 Minute Alightings	P1Bx0.75 17x0.75	33	
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	9,396	
Public Restrooms	Women + Men + Unisex Accessible Restroom for Each Group	(P15B+P15A)/ 2 (222+167) /2	499.8	
Passenger Amenity Space Allocation	Station Design Target Year Daily Boardings	9,000	9,000	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 1765/600	3	
Ticket Vending Machines		P60B/280 1765/280	6	14.3.5.6
Value Added Machines	2 Per Each Fare Paid Area		3	14.3.5.6
Fare Gates		P15A /50 ppm 430/50 One additional gate to be provided if under 10	9	14.3.5.6 D
Emergency Gates			2	14.3.3.6
Sr	Seating at Concourse Fare Free Waiting Area	((P15B x 1.1) + (P15A x 0.1)) x 0.25	1,581	Table 14-22: Station Seating

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 83 OF 285**

					DESIGNED BY	2021 RECORD SET PEPD NOVEMBER 30, 2021 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 I-880 SAN JOSE DIRIDON STATION FACILITY SIZING TABLE			CONTRACT NO. HSR15-34
					DRAWN BY				DRAWING NO. AR-Y0104			
					CHECKED BY				SCALE AS SHOWN			
					IN CHARGE				SHEET NO.			
					DATE							
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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
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 84 OF 285**

					DESIGNED BY	2021 RECORD SET PEPD NOVEMBER 30, 2021 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 I-880 SAN JOSE DIRIDON STATION FACILITY SIZING TABLE			CONTRACT NO. HSR15-34
					DRAWN BY				DRAWING NO. AR-Y0105			
					CHECKED BY				SCALE AS SHOWN			
					IN CHARGE				SHEET NO.			
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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 85 OF 285**

<table border="1"> <tr><td>DESIGNED BY</td><td></td></tr> <tr><td>DRAWN BY</td><td></td></tr> <tr><td>CHECKED BY</td><td></td></tr> <tr><td>IN CHARGE</td><td></td></tr> <tr><td>D-TE</td><td></td></tr> </table>					DESIGNED BY		DRAWN BY		CHECKED BY		IN CHARGE		D-TE		<p>2021 RECORD SET PEPP</p> <p>NOVEMBER 30, 2021</p> <p>NOT FOR CONSTRUCTION</p>	 <p>1111 Broadway 9th Floor Oakland, CA 94607</p>		<p>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</p>	<p>CONTRACT NO. HSR15-34</p> <p>DRAWING NO. AR-Y0106</p> <p>SCALE AS SHOWN</p> <p>SHEET NO.</p>
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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

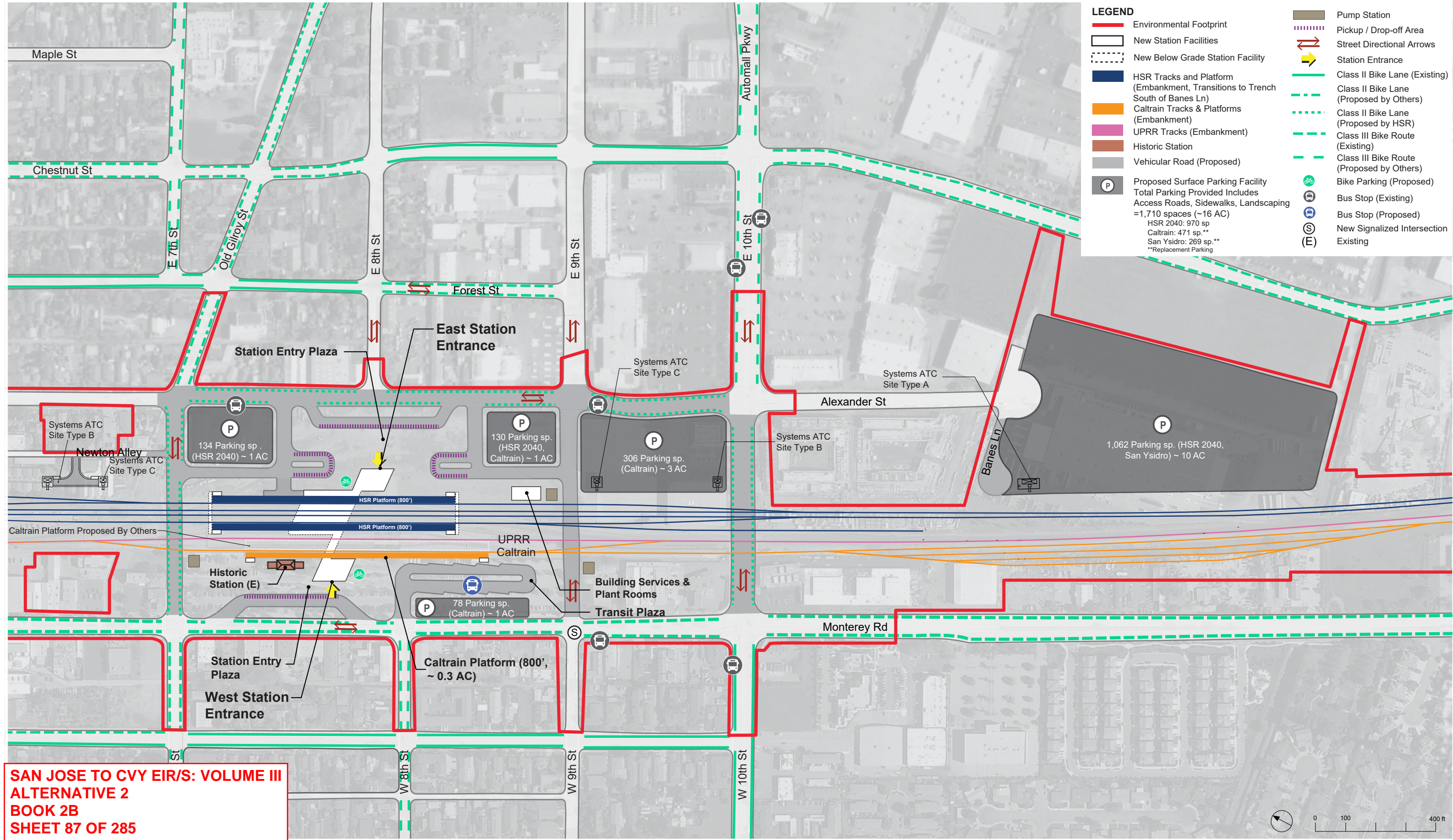
	Function Name	Area (SF)	EF	Required Area (SF)	Formula	Chapter 14: Stations	Comments
Concourse Public Free Areas West Station	Concourse (Free Area)	8,996.09	1.2	7,497	P15 x 30 SF /person, 251x30	14.3.5.3	P15 = P15 B + P15 A. Using Memorandum dated May 10, 2016, Attachment E Facility Sizing Table Example 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 86 OF 285**

					DESIGNED BY	2021 RECORD SET PEPD NOVEMBER 30, 2021 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 I-880 SAN JOSE DIRIDON STATION FACILITY SIZING TABLE			CONTRACT NO.
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					IN CHARGE							AR-Y0107
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**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 87 OF 285**

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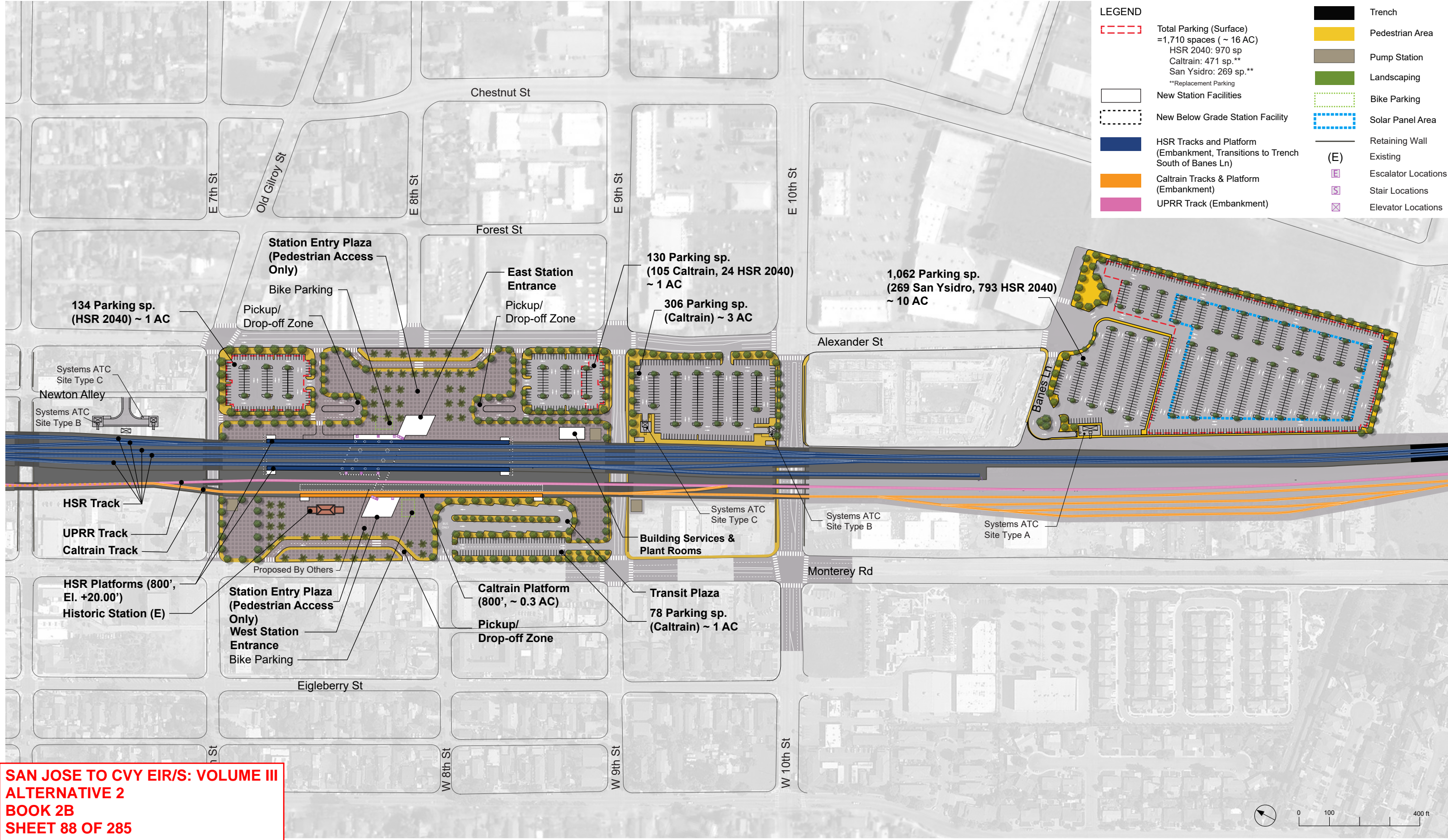
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NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

HNTB
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
GENERAL SITE PLAN

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



**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 88 OF 285**

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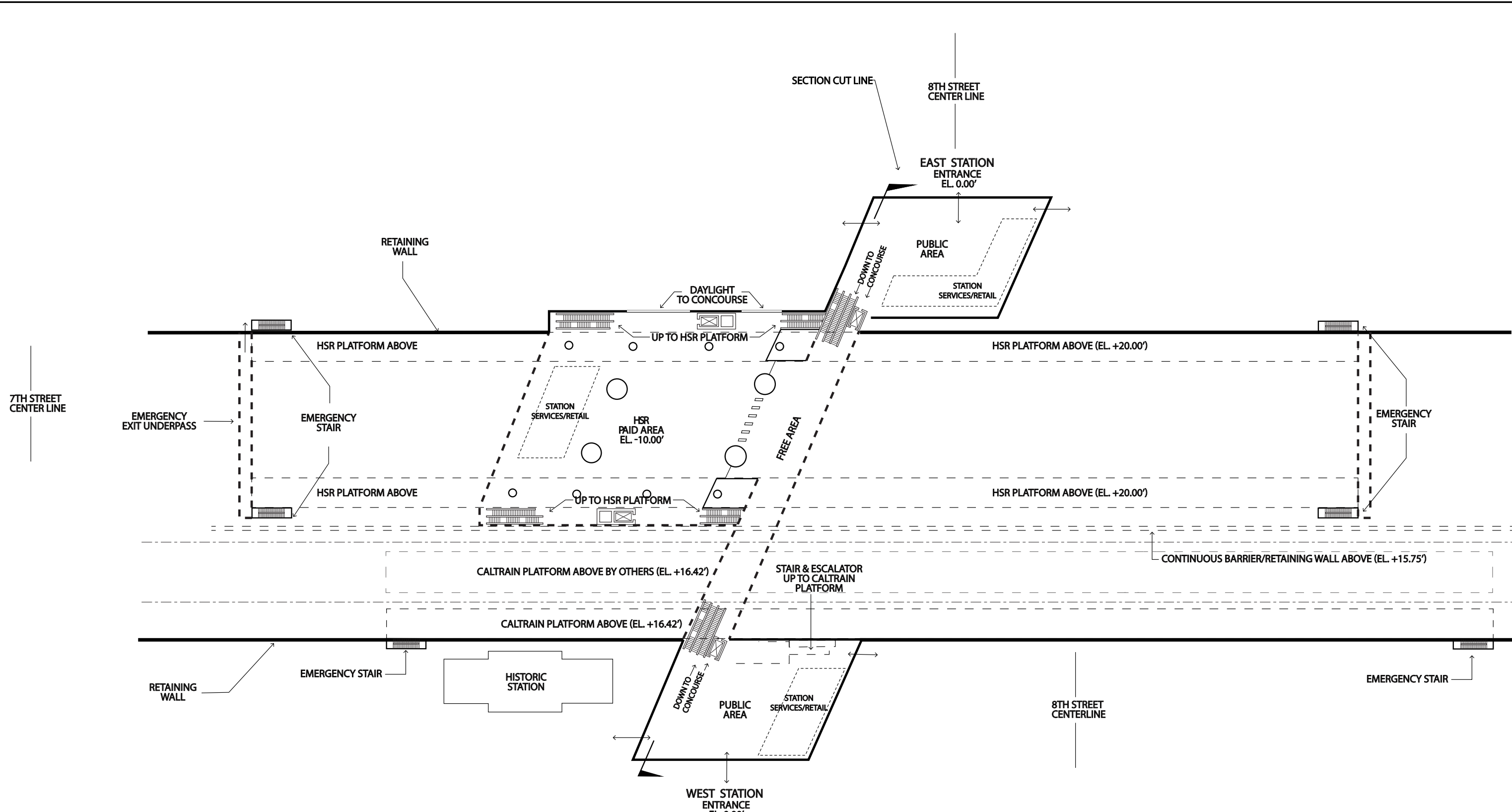
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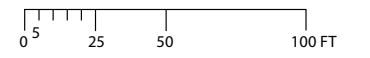


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
DOWNTOWN GILROY STATION
DETAILED SITE PLAN

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 89 OF 285**



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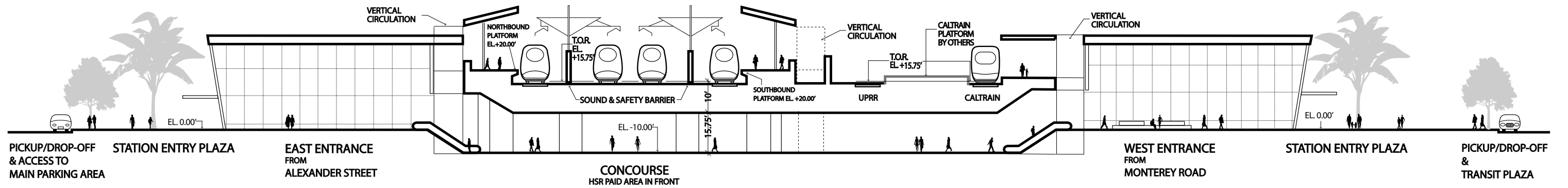
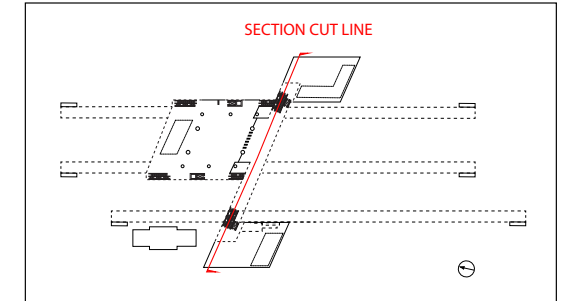
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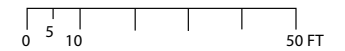


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
DOWNTOWN GILROY STATION
CONCOURSE PLAN

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 90 OF 285**



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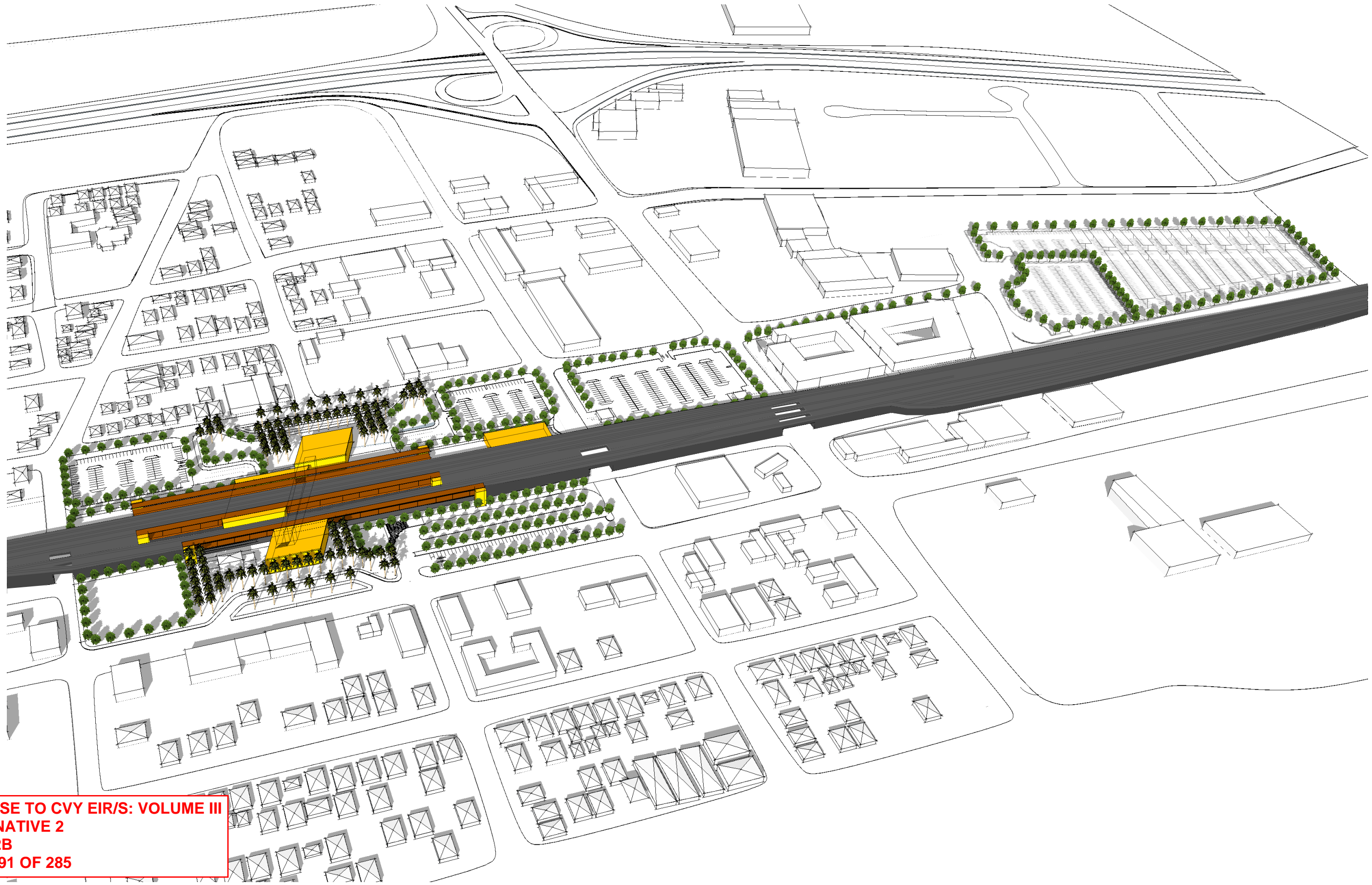
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CALIFORNIA
High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
DOWNTOWN GILROY STATION
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 91 OF 285**

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NOVEMBER 30, 2021

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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 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 92 OF 285**

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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**2021 RECORD
 SET PEPP**
 NOVEMBER 30, 2021
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 CONSTRUCTION**

HNTB 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
 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 93 OF 285**

					DESIGNED BY	2021 RECORD SET PEPP NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	 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 DOWNTOWN GILROY STATION FACILITY SIZING TABLE	CONTRACT NO.
					DRAWN BY					HSR15-34
					CHECKED BY					DRAWING NO.
					IN CHARGE					AR-Y1004
					DATE					SCALE
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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 94 OF 285**

<table border="1"> <tr><td>DESIGNED BY</td><td></td></tr> <tr><td>DRAWN BY</td><td></td></tr> <tr><td>CHECKED BY</td><td></td></tr> <tr><td>IN CHARGE</td><td></td></tr> <tr><td>DATE</td><td></td></tr> </table>					DESIGNED BY		DRAWN BY		CHECKED BY		IN CHARGE		DATE		<p>2021 RECORD SET PEPD</p> <p>NOVEMBER 30, 2021</p> <p>NOT FOR CONSTRUCTION</p>		 <p>1111 Broadway 9th Floor Oakland, CA 94607</p>				<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED</p> <p>MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY DOWNTOWN GILROY STATION FACILITY SIZING TABLE</p>		<p>CONTRACT NO. HSR15-34</p> <p>DRAWING NO. AR-Y1005</p> <p>SCALE AS SHOWN</p> <p>SHEET NO.</p>	
DESIGNED BY																								
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DATE																								
REV	DATE	BY	CHK	APP	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 95 OF 285**

					DESIGNED BY	2021 RECORD SET PEPP NOVEMBER 30, 2021 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-Y1006
					CHECKED BY							SCALE AS SHOWN
					IN CHARGE							SHEET NO.
					DATE							
REV	DATE	BY	CHK	APP	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

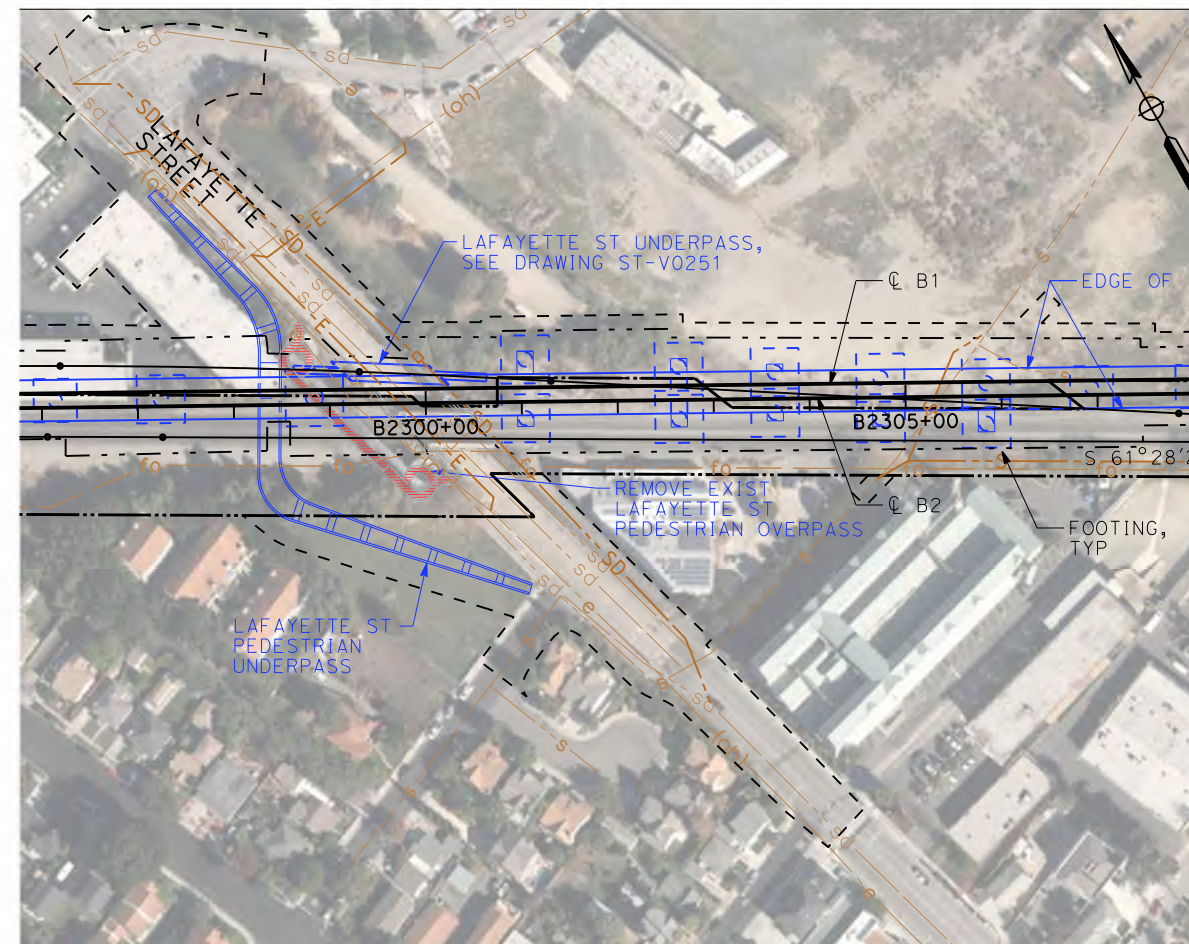
	Function Name	Area (SF)	EF	Required Area (SF)	Formula	Chapter 14: Stations	Comments
Concourse Public Free Areas West Station	Concourse (Free Area)	8689	1.2	7,241	P15 x 30 SF/person, 97x30	14.3.5.3	P15 = P15 B + P15 A. Using Memorandum dated May 10, 2016, Attachment E Facility Sizing Table Example 20% - 25% of the P15 of the Main Station North Entrance, about 97 passengers. (Adjusted to 60% of P15 to accommodate passenger access from west side of station per planning.)
	Entrances					14.3.5.2	# TBD, 15 ft width at least one entrance
	Passenger Waiting Area	2723	1.2	2269	$(((P15B \times 1.1) + (P15A \times 0.1)) \times 25\%) \times 14 \text{ SF}$	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) = 42. (Adjusted to 60% of P15 to accommodate passenger access from west side of station per planning.)
	Ticket Vending Machines (TVM)	82		2	P60B/280, 683x25%/280	Table 14-5	Includes queuing space; 20% -25% of P60 B (Main Station) 170
	Public Restrooms	936	1.2	780	CBC 2016, CPC 2016 (P15B + P15A)/2	14.3.5.4	A-3 assembly occupancy, 85 male, 85 female, 2 unisex Female: 2 water closets, 1 lavatories Male: 1 water closets, 1 urinal, 1 lavatories 2 drinking fountains
	Janitor Closet	72	1.2	60		14.3.7.1.D	

TOTAL AREA - WEST ENTRANCE: 12,502 SF

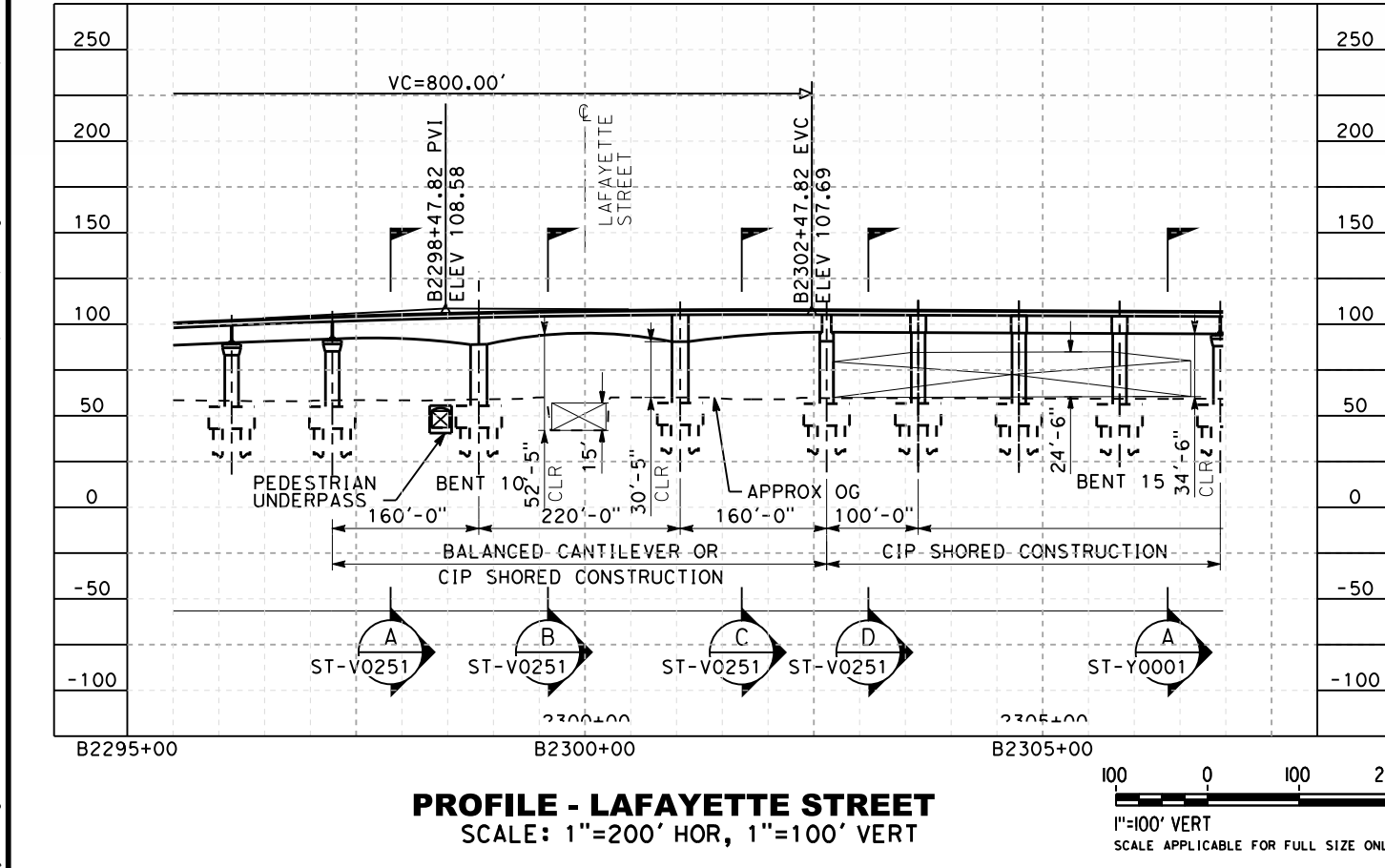
	Platform Area (800'x15')x2	24,000					
	Bus Bays	38,793					
	Parking Area	696,365					
	Pickup and Drop-off	40,862					

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 96 OF 285**

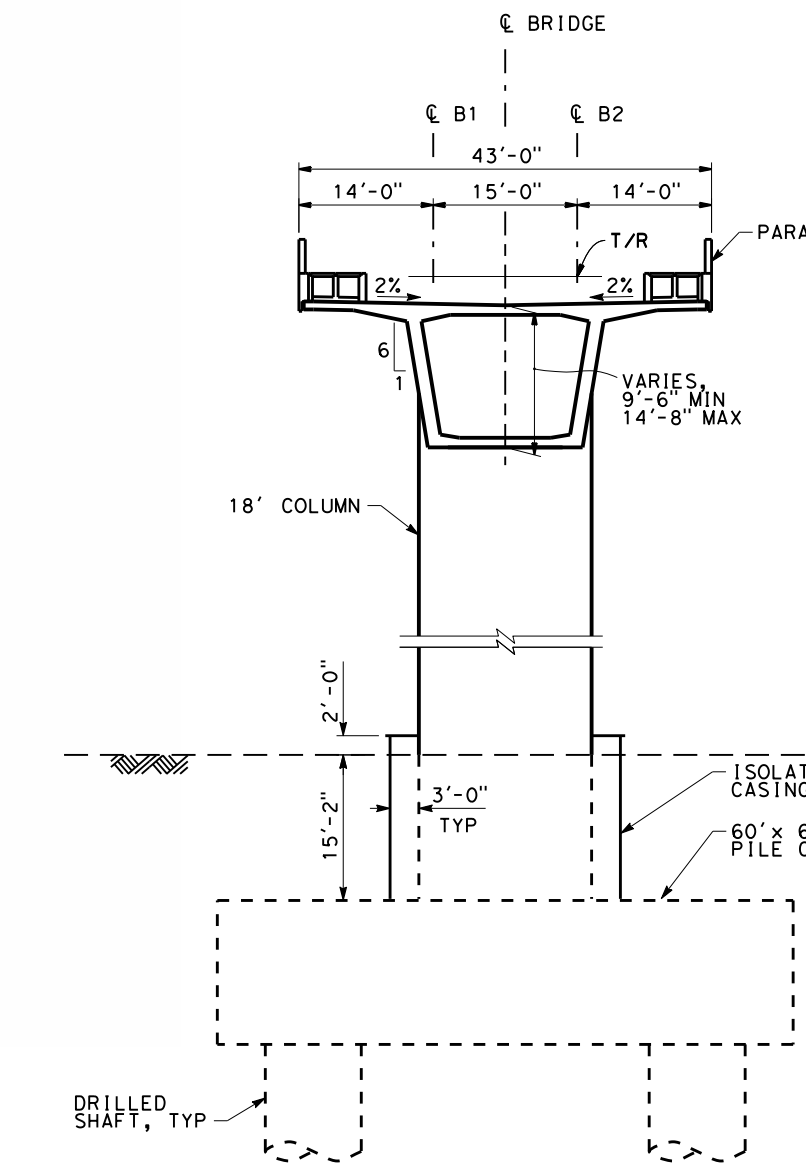
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					CHECKED BY							DRAWING NO.
					IN CHARGE							AR-Y1007
					DATE							SCALE
REV	DATE	BY	CHK	APP	DESCRIPTION						SHEET NO.	



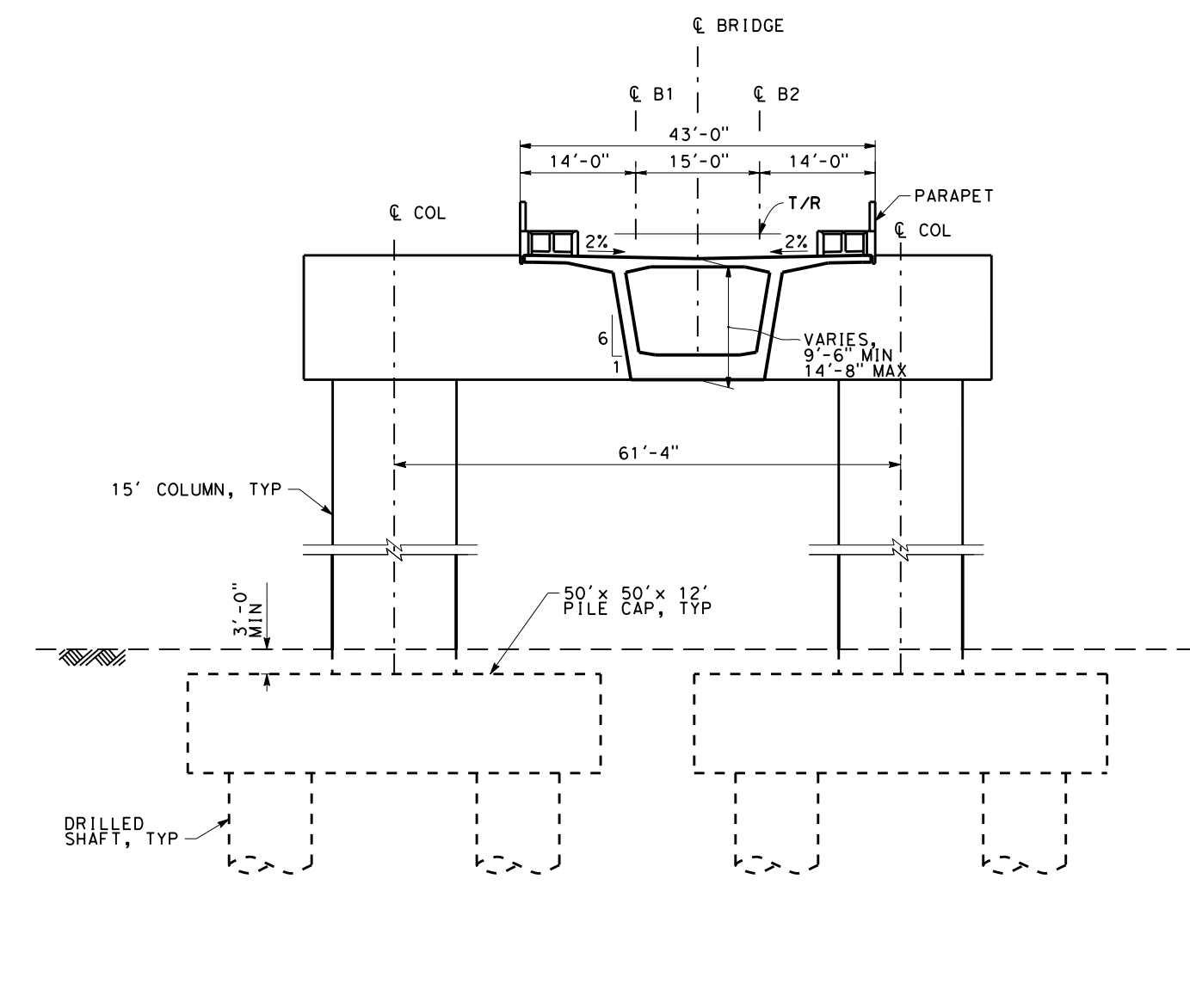
PLAN - LAFAYETTE STREET
SCALE: 1"=200'



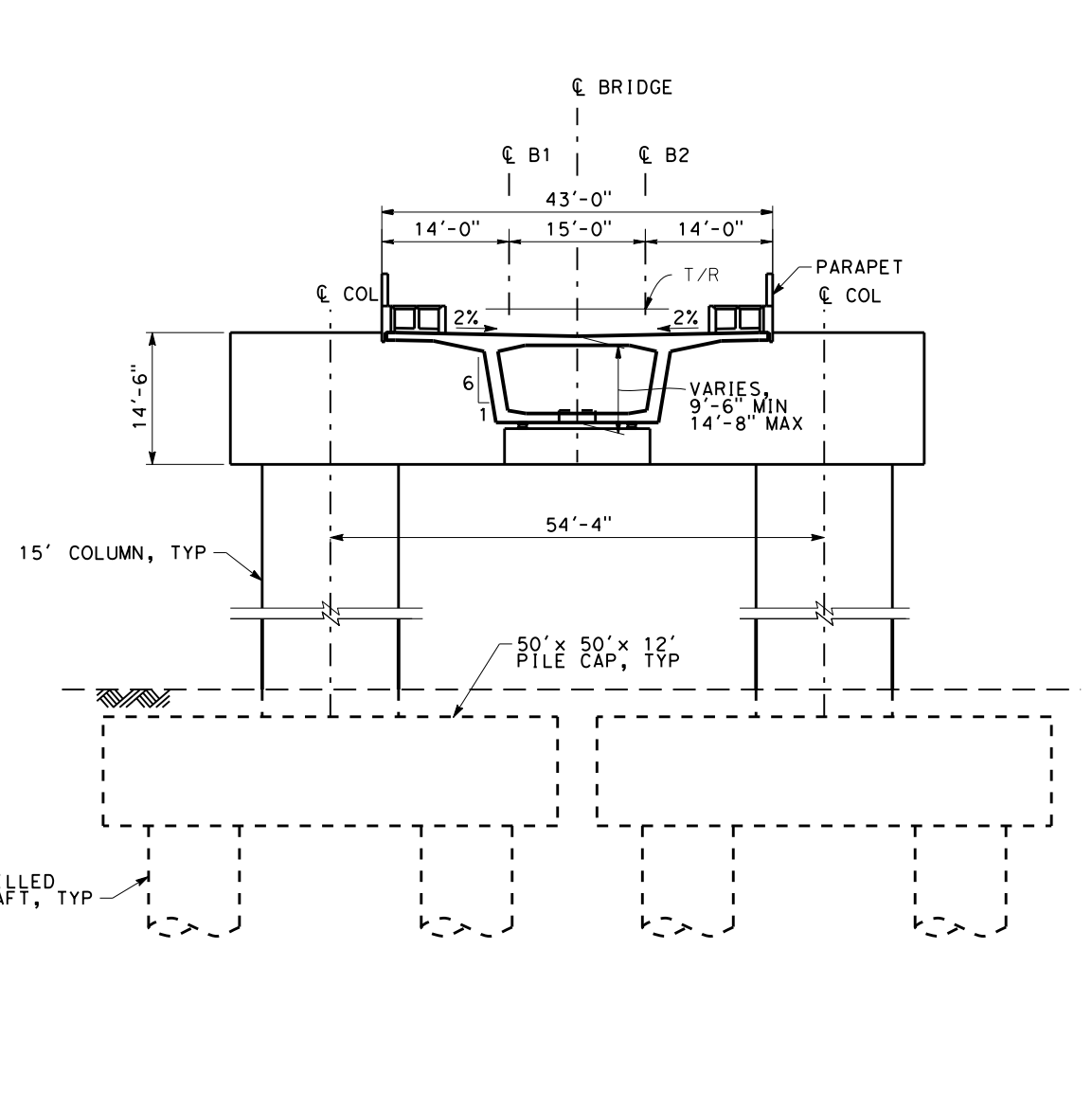
PROFILE - LAFAYETTE STREET
SCALE: 1"=200' HOR, 1"=100' VERT



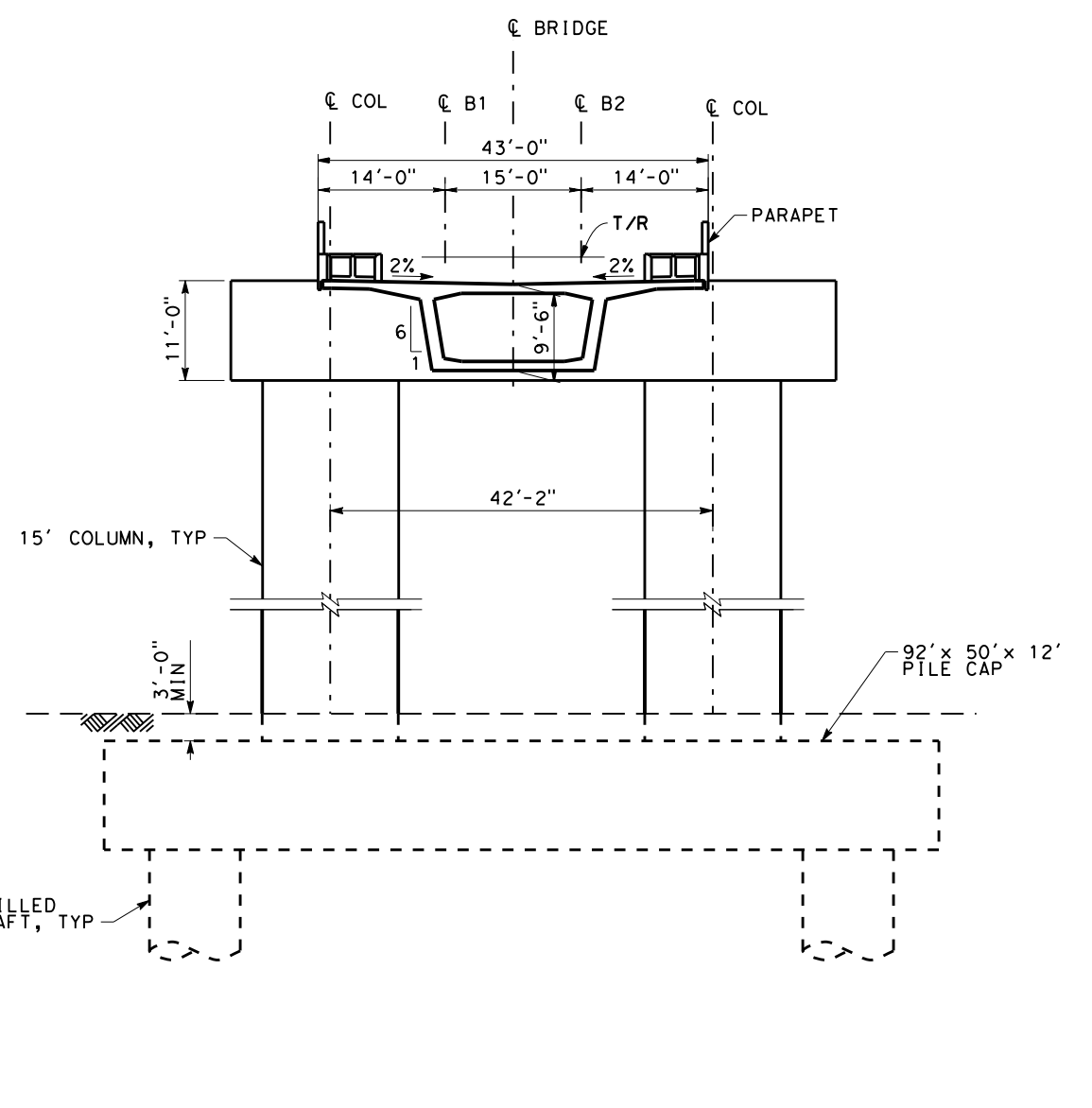
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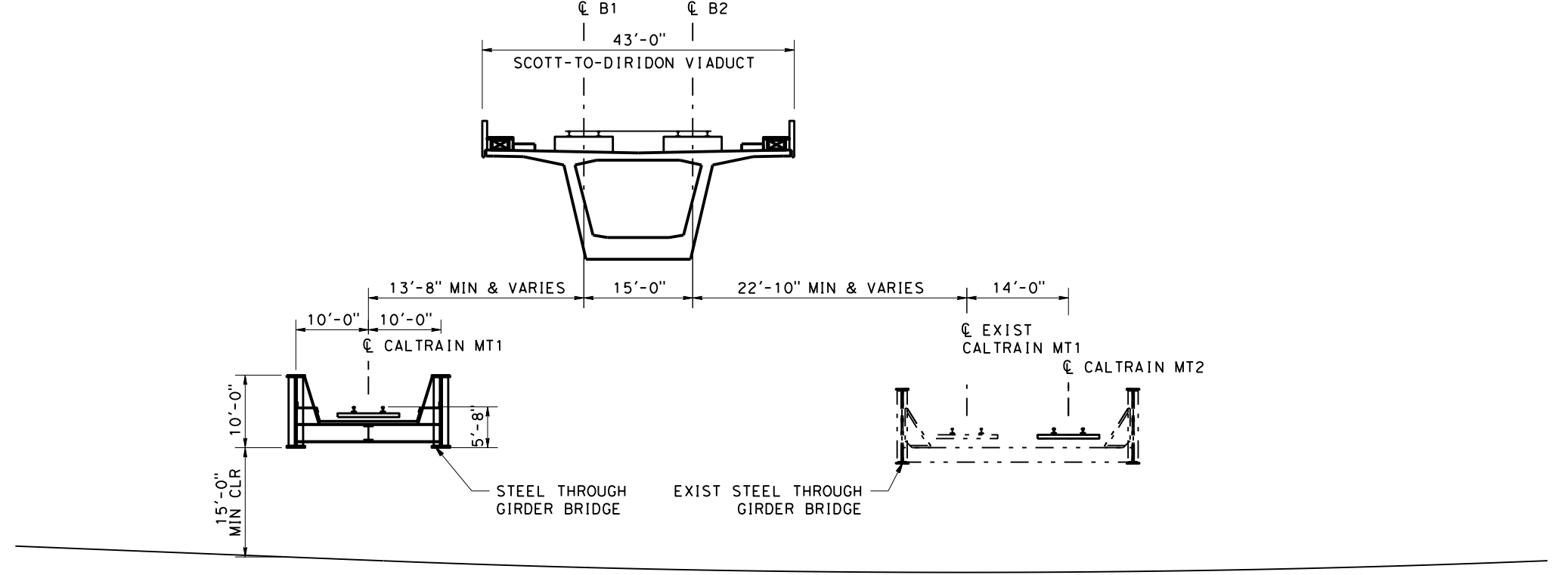
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SECTION C-C
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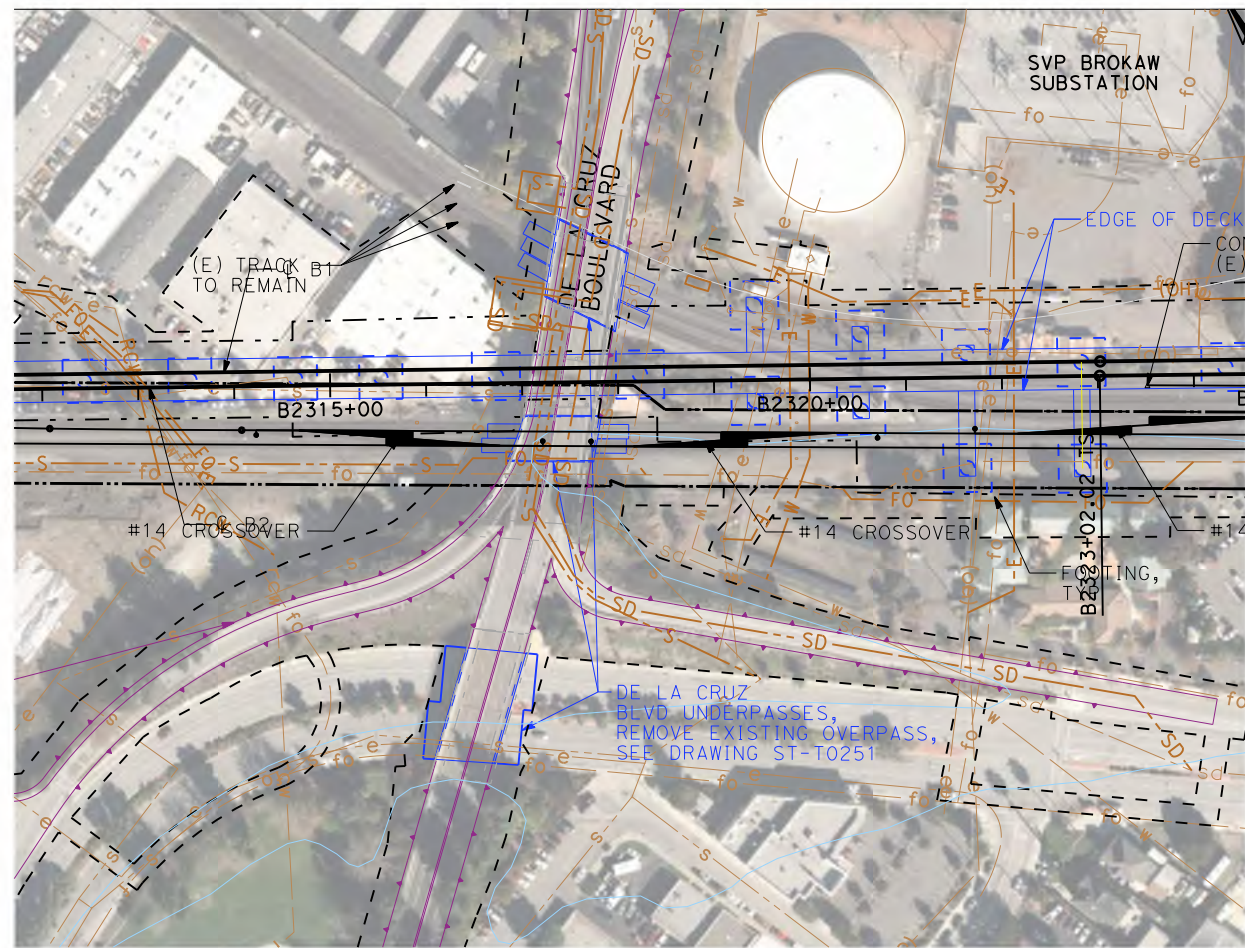
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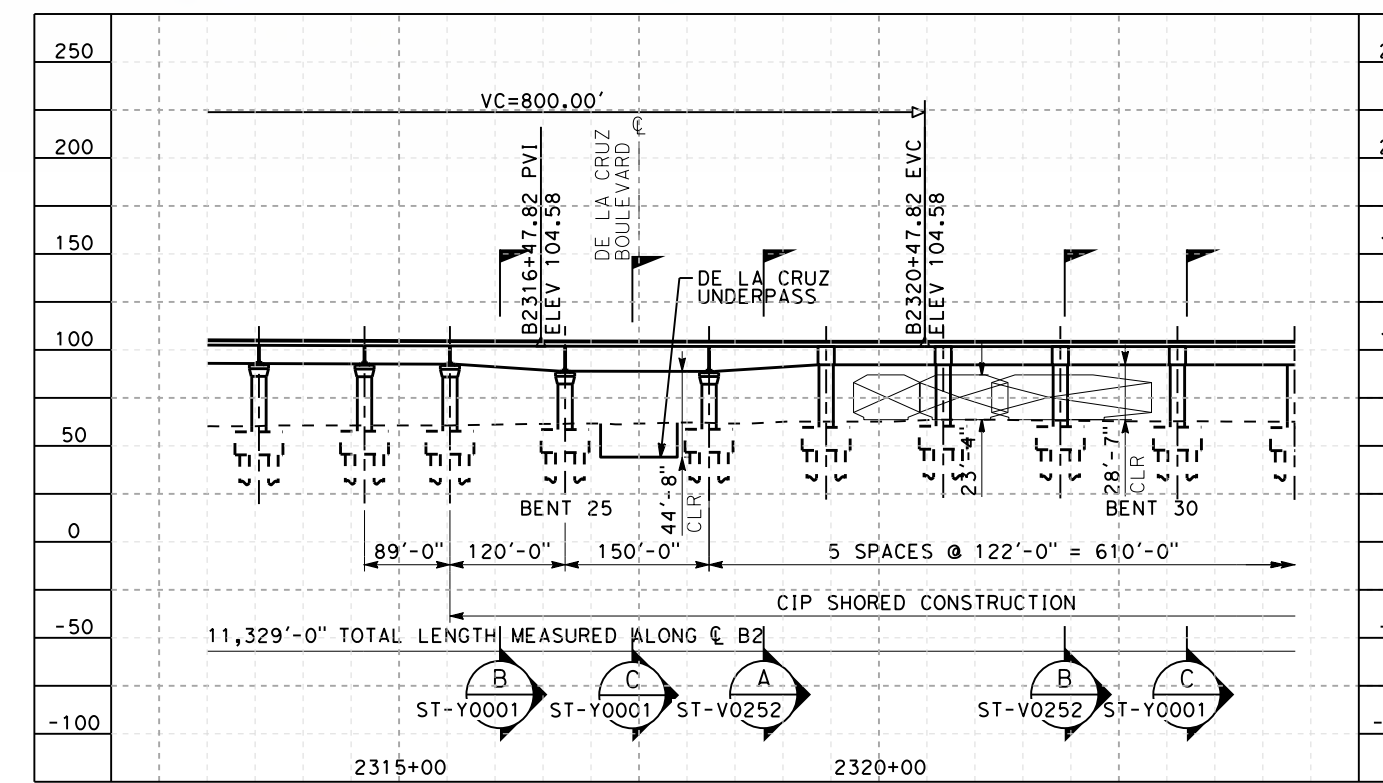
LAFAYETTE STREET UNDERPASSES
STATION 2300+00

2021 RECORD SET PERP NOVEMBER 30, 2021 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 1 OF 5	CONTRACT NO. HSR15-34 DRAWING NO. ST-V0251 SCALE AS SHOWN SHEET NO.
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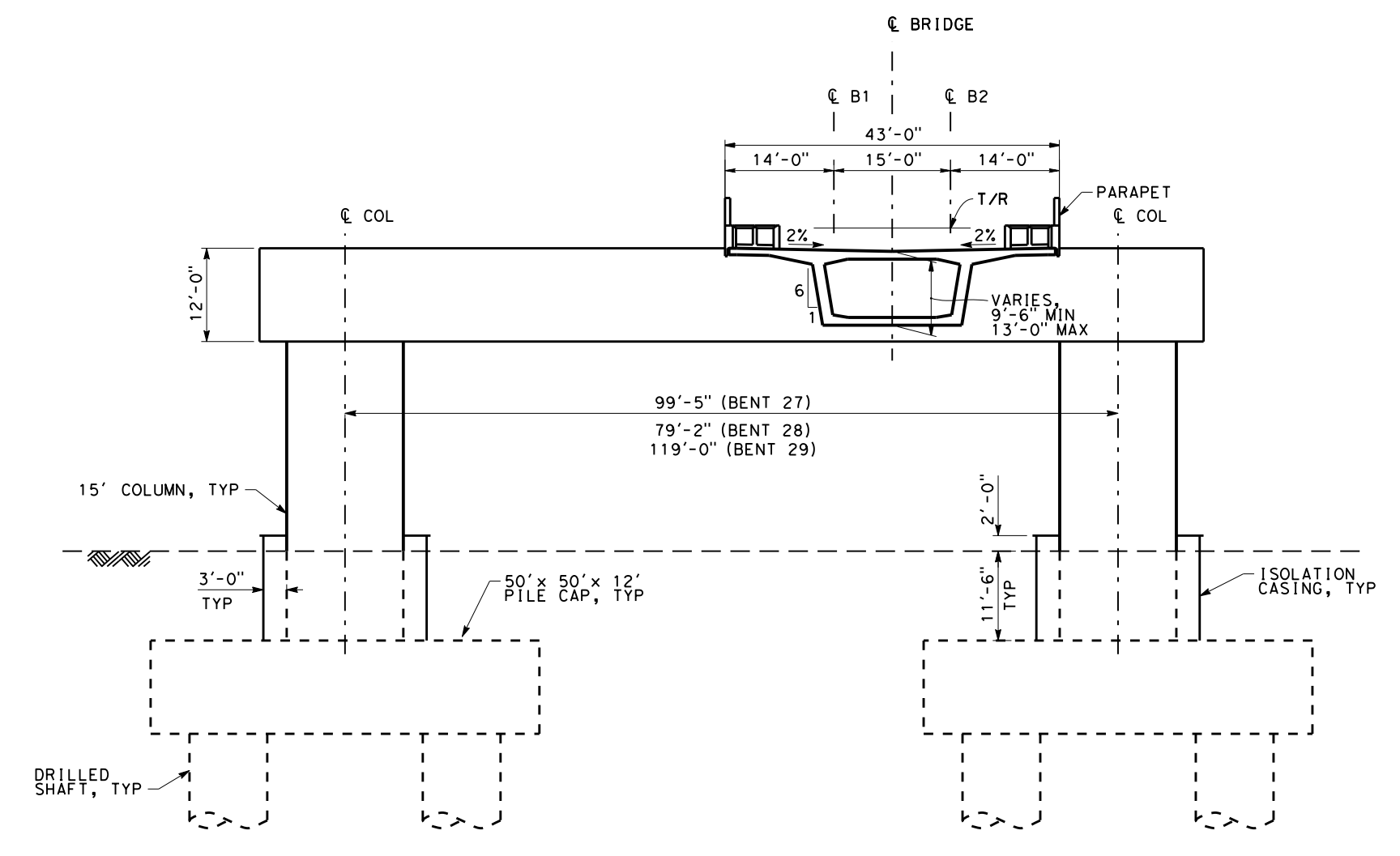
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 97 OF 285



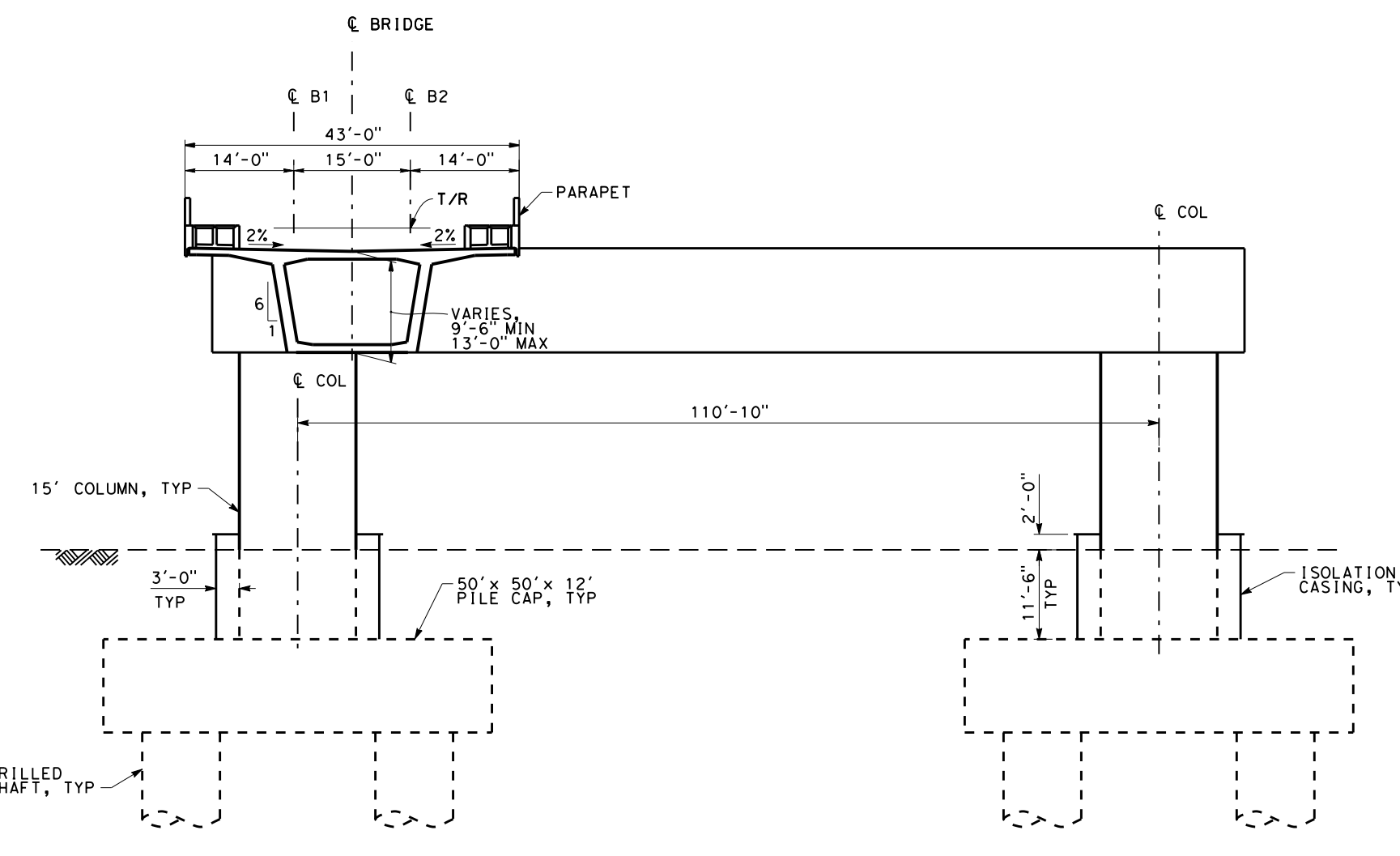
PLAN - DE LA CRUZ BOULEVARD
SCALE: 1"=200'



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



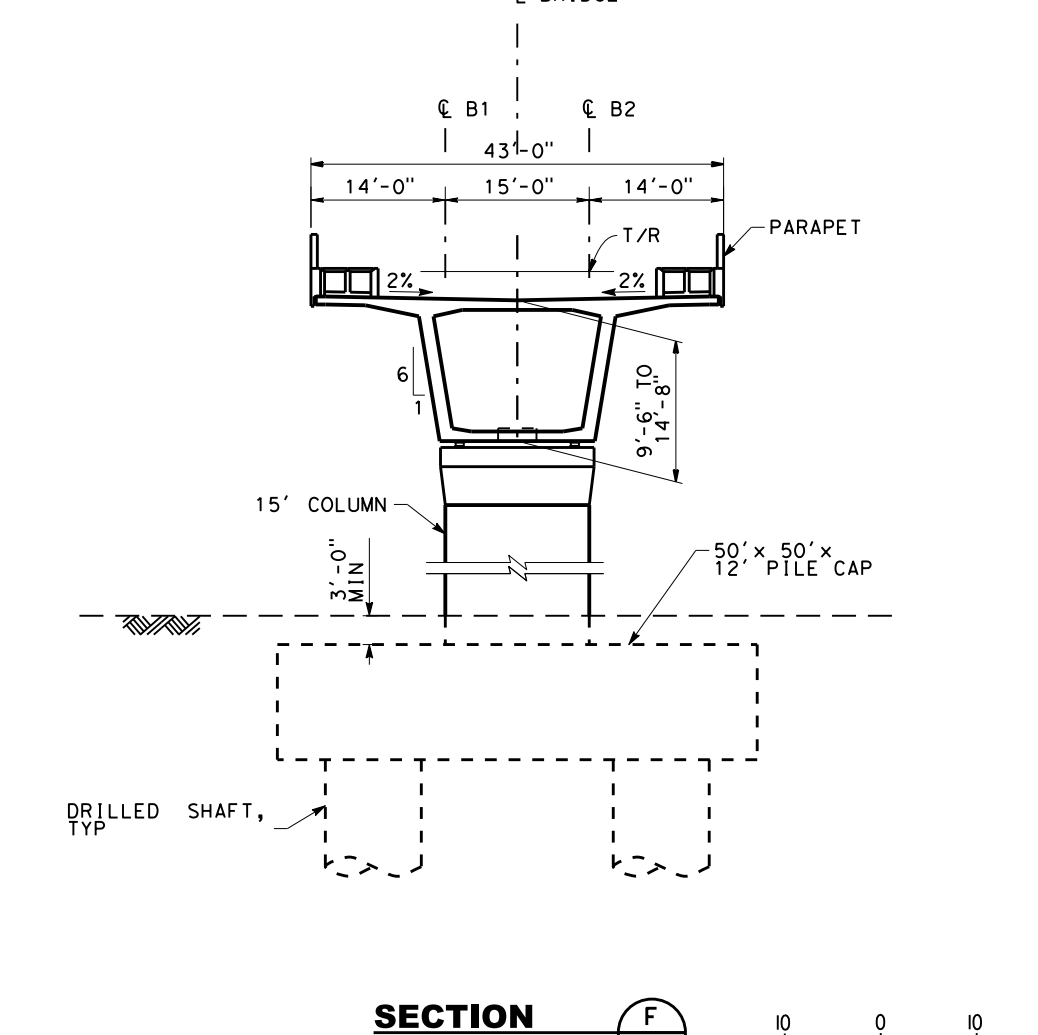
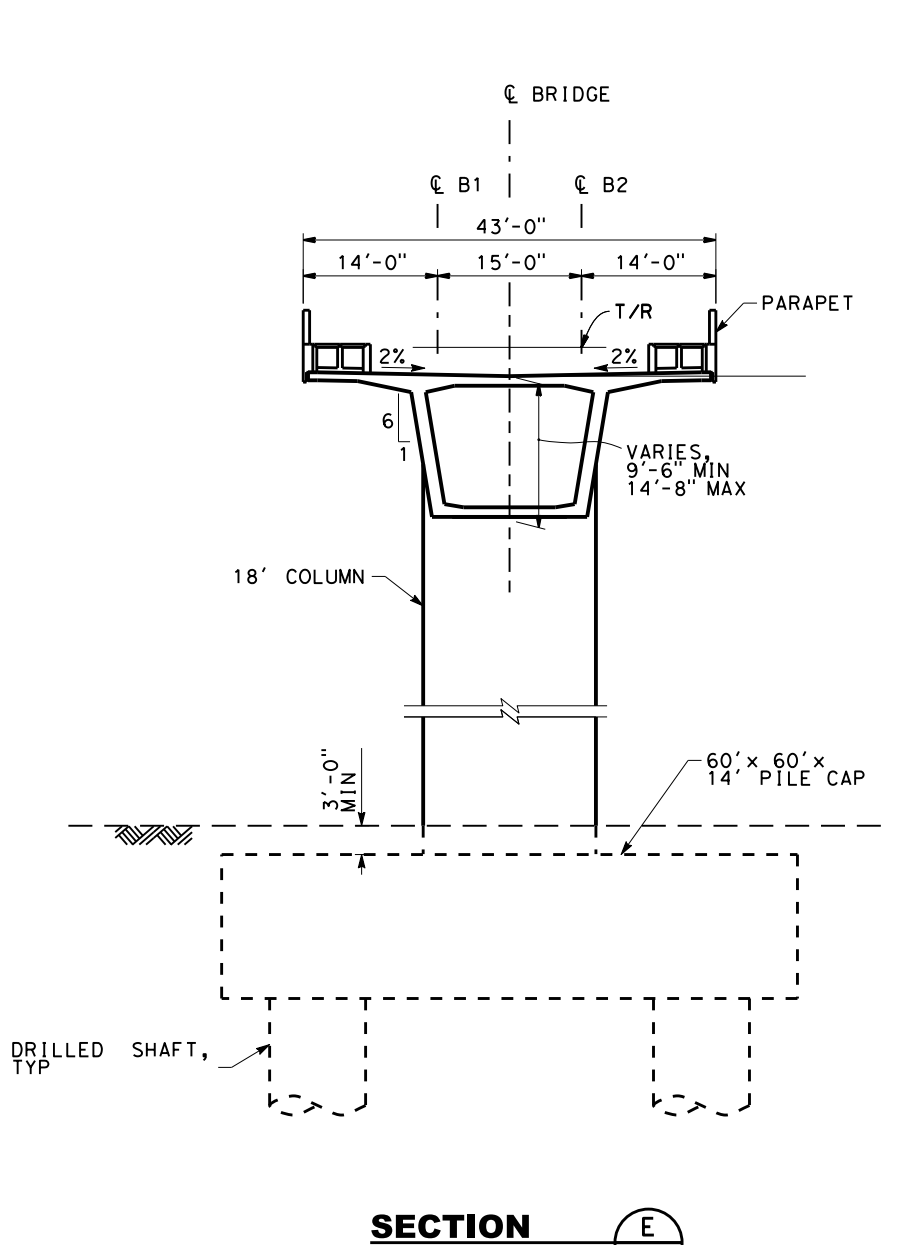
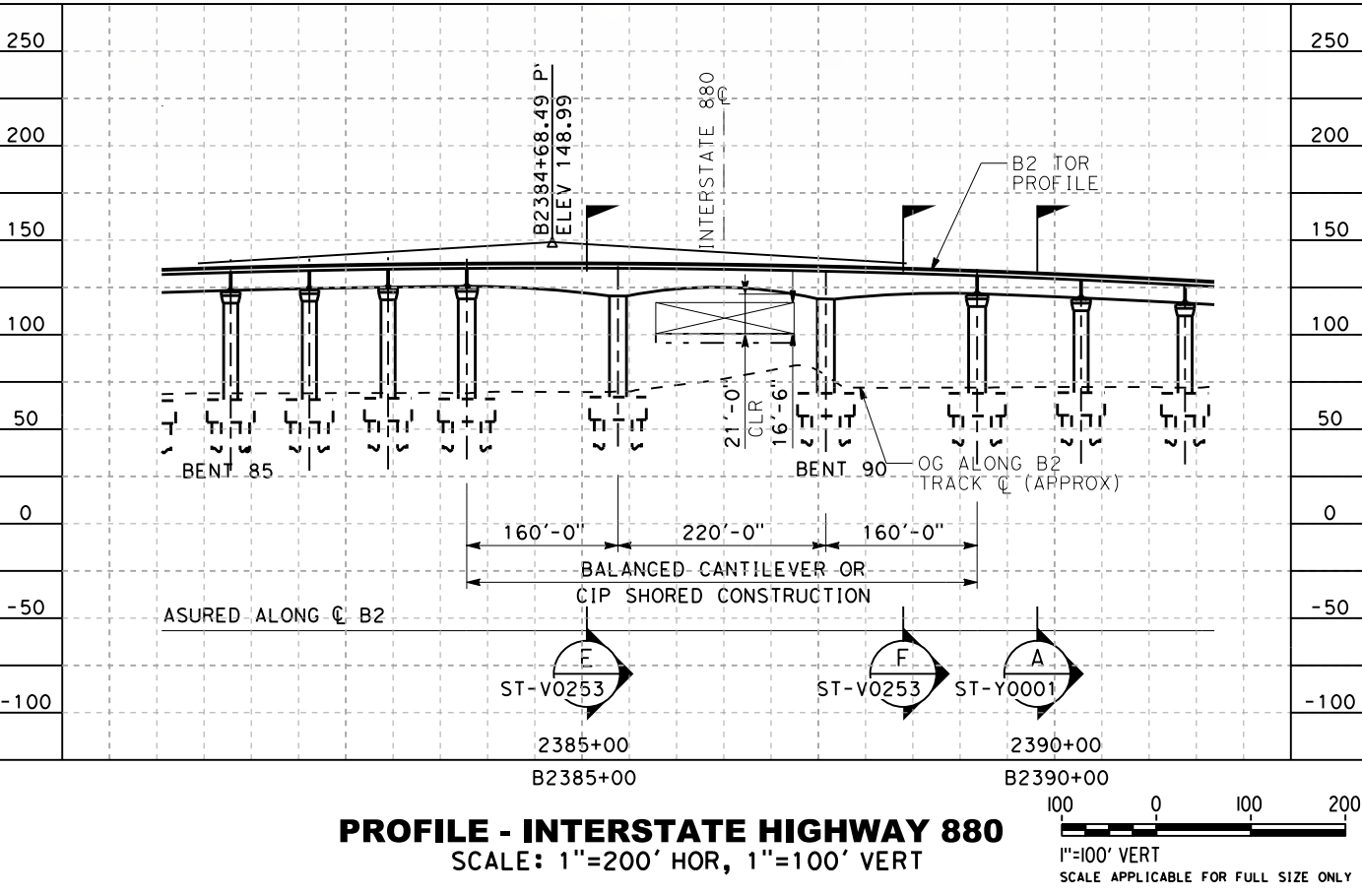
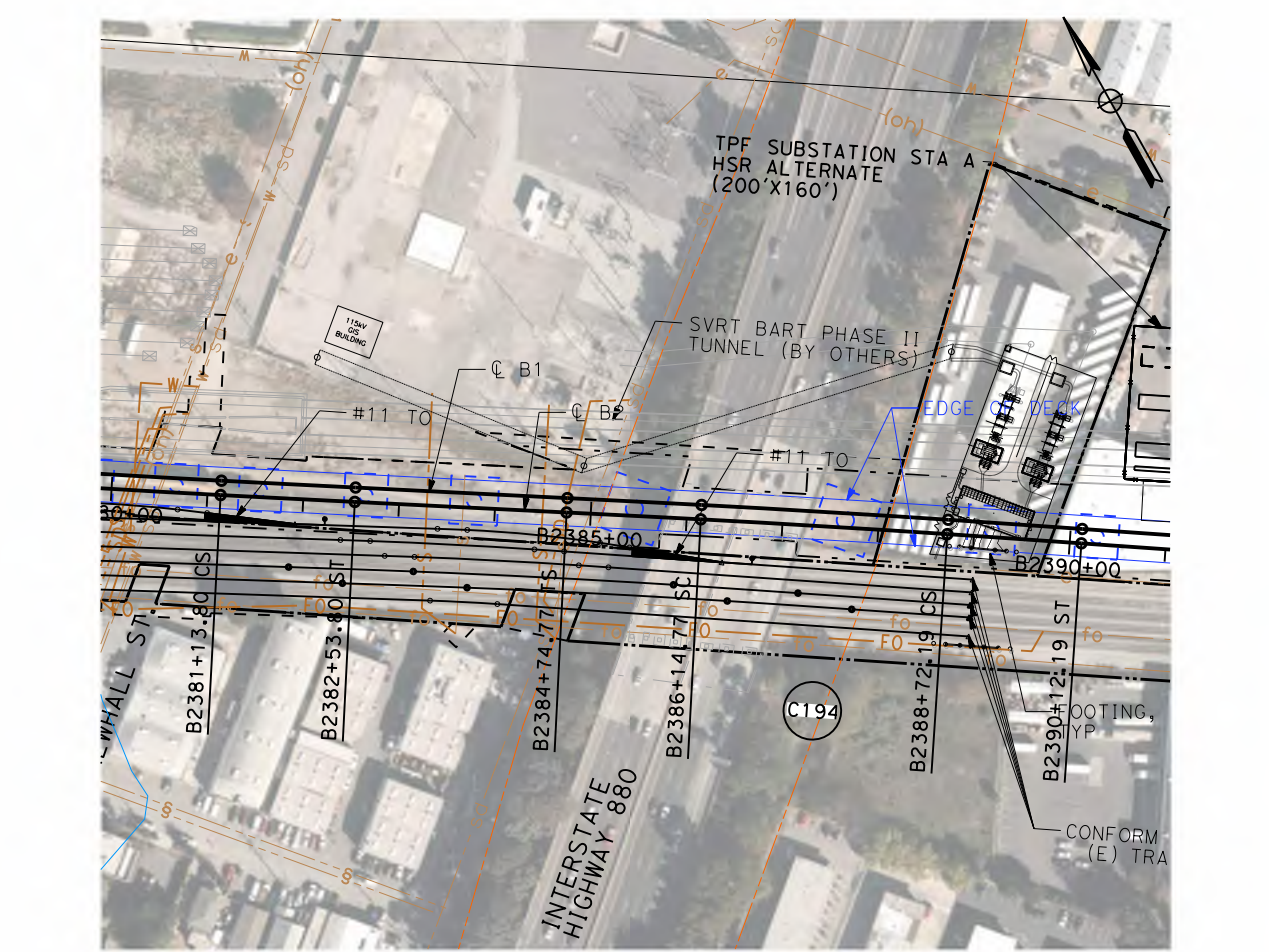
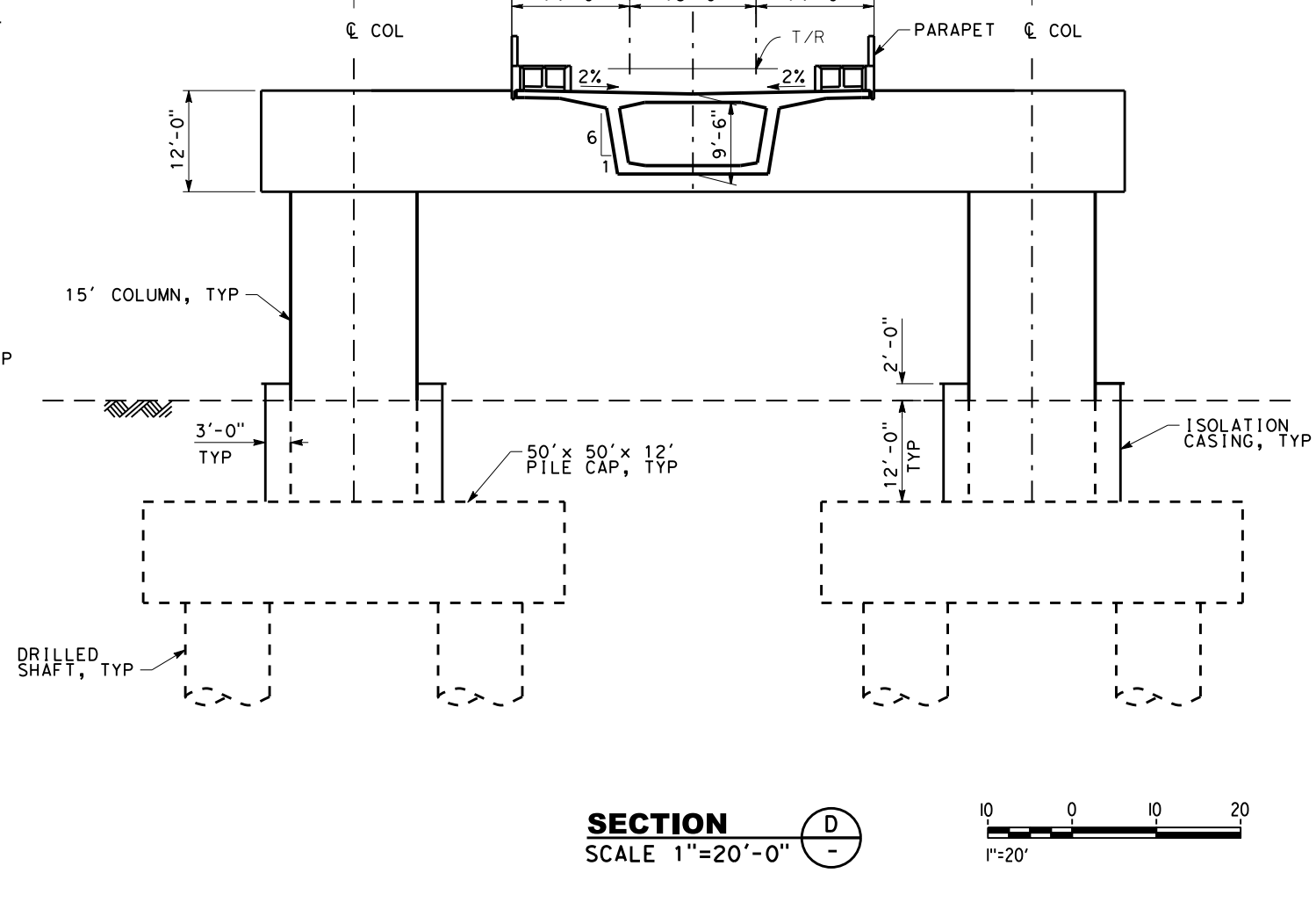
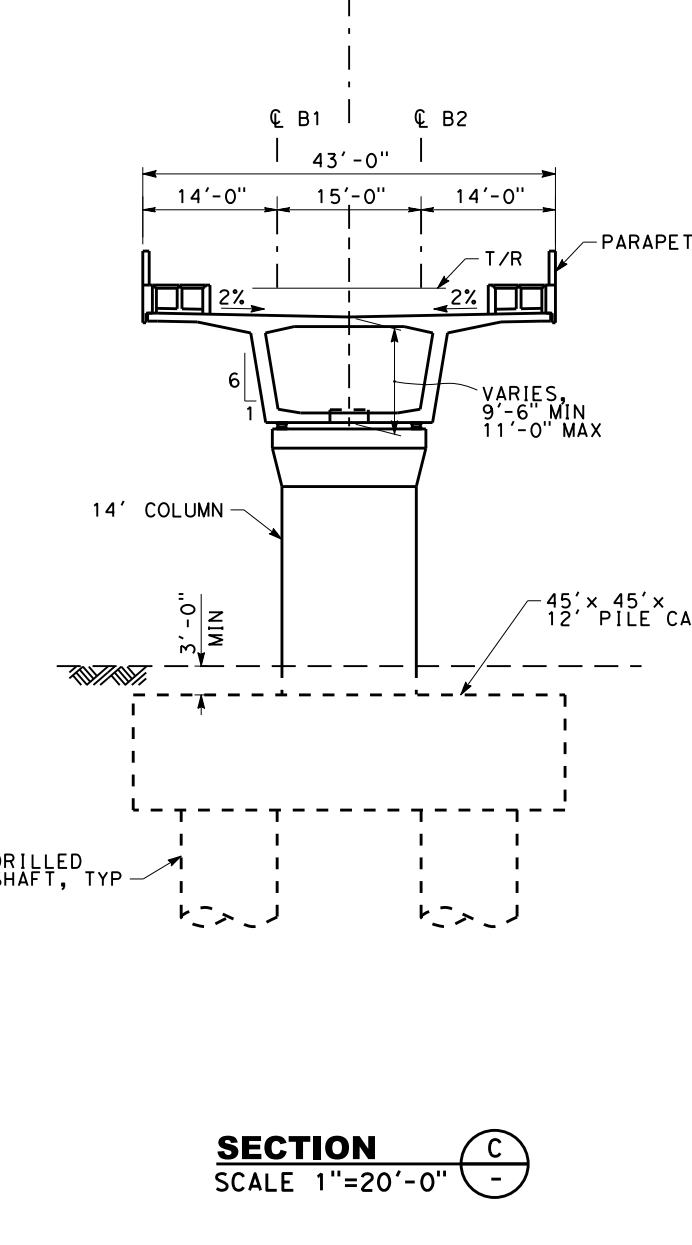
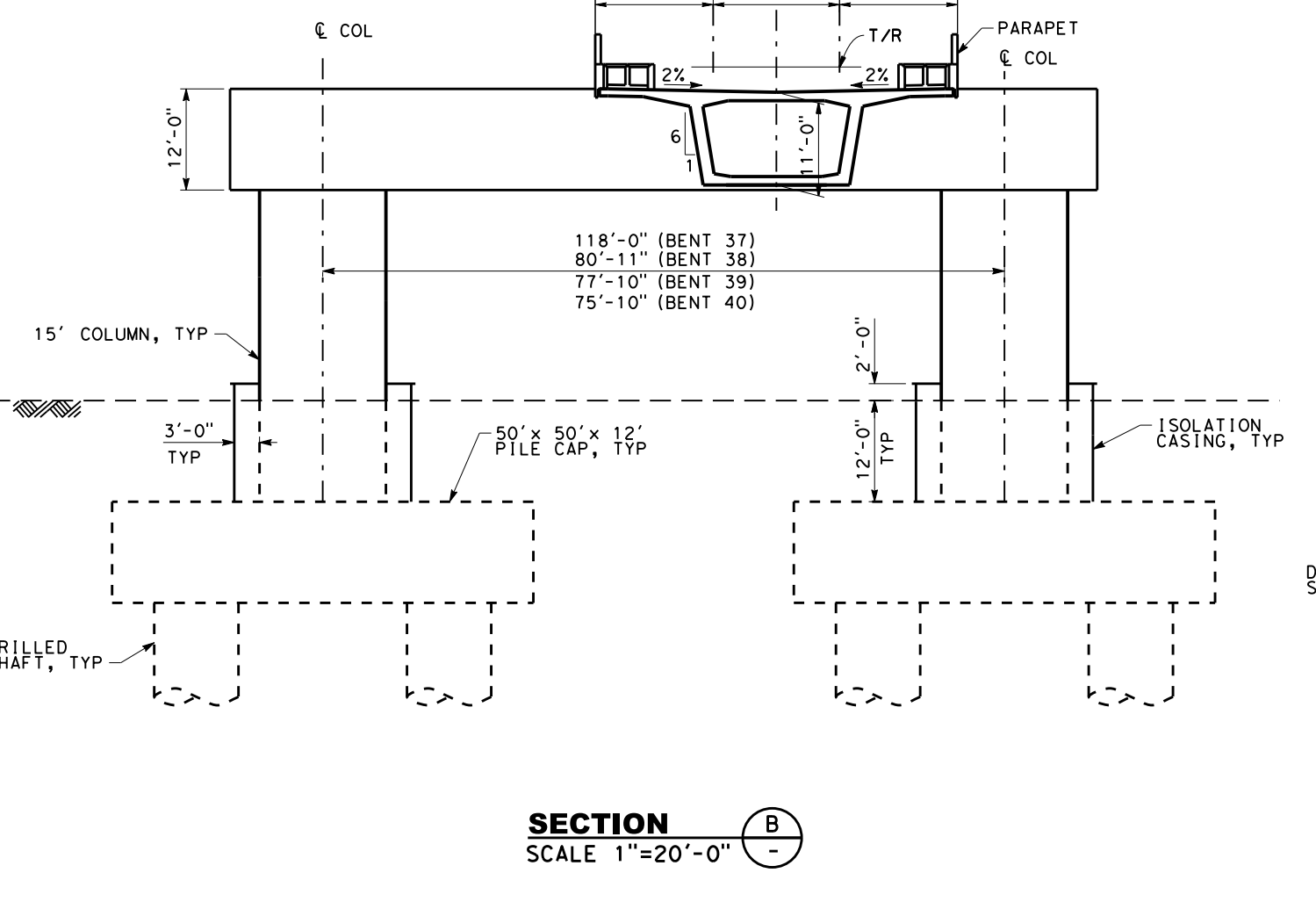
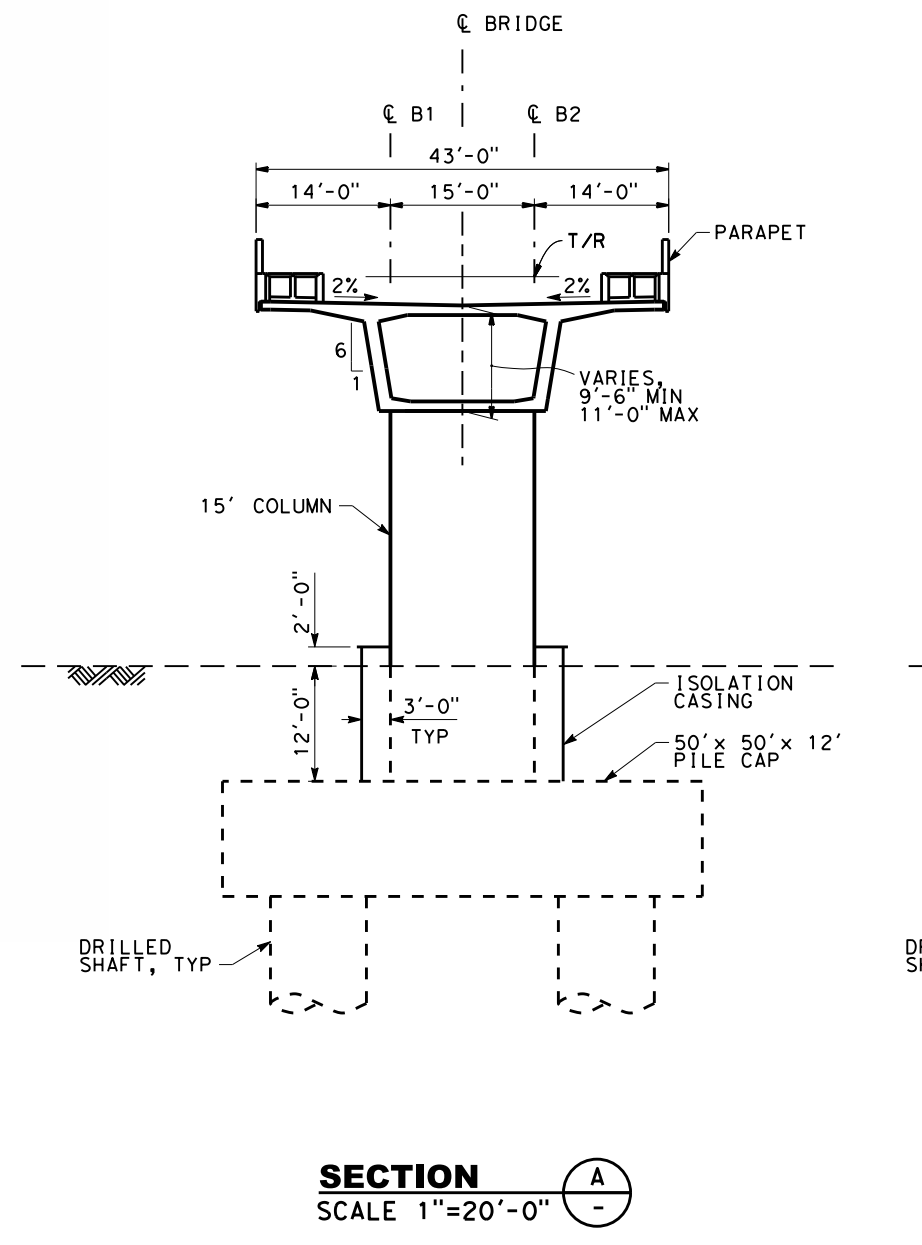
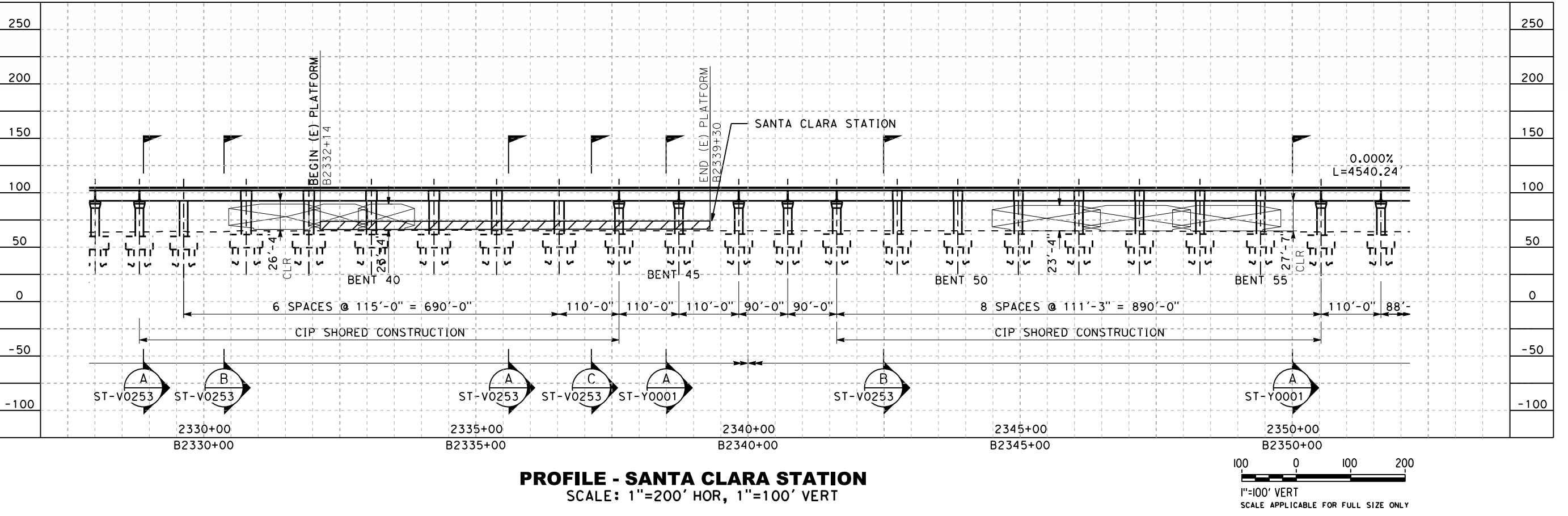
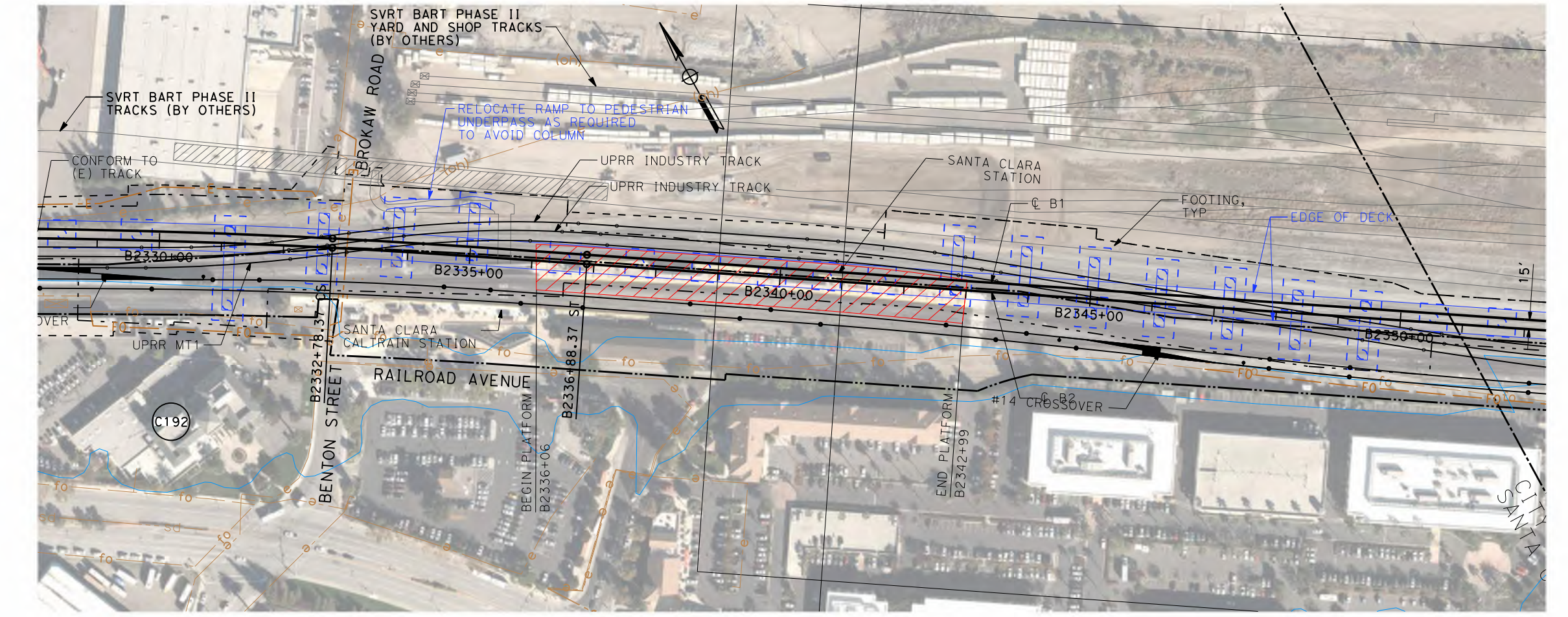
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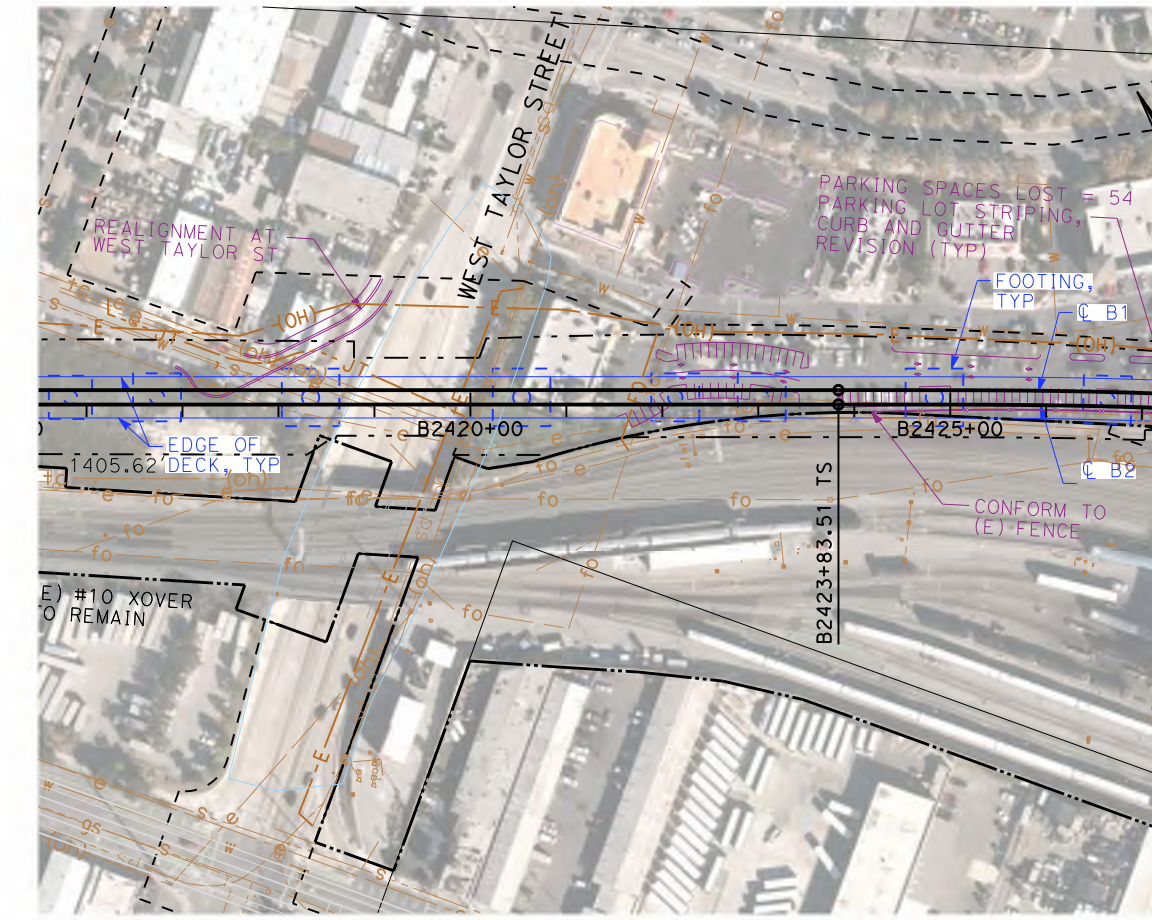
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SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 98 OF 285

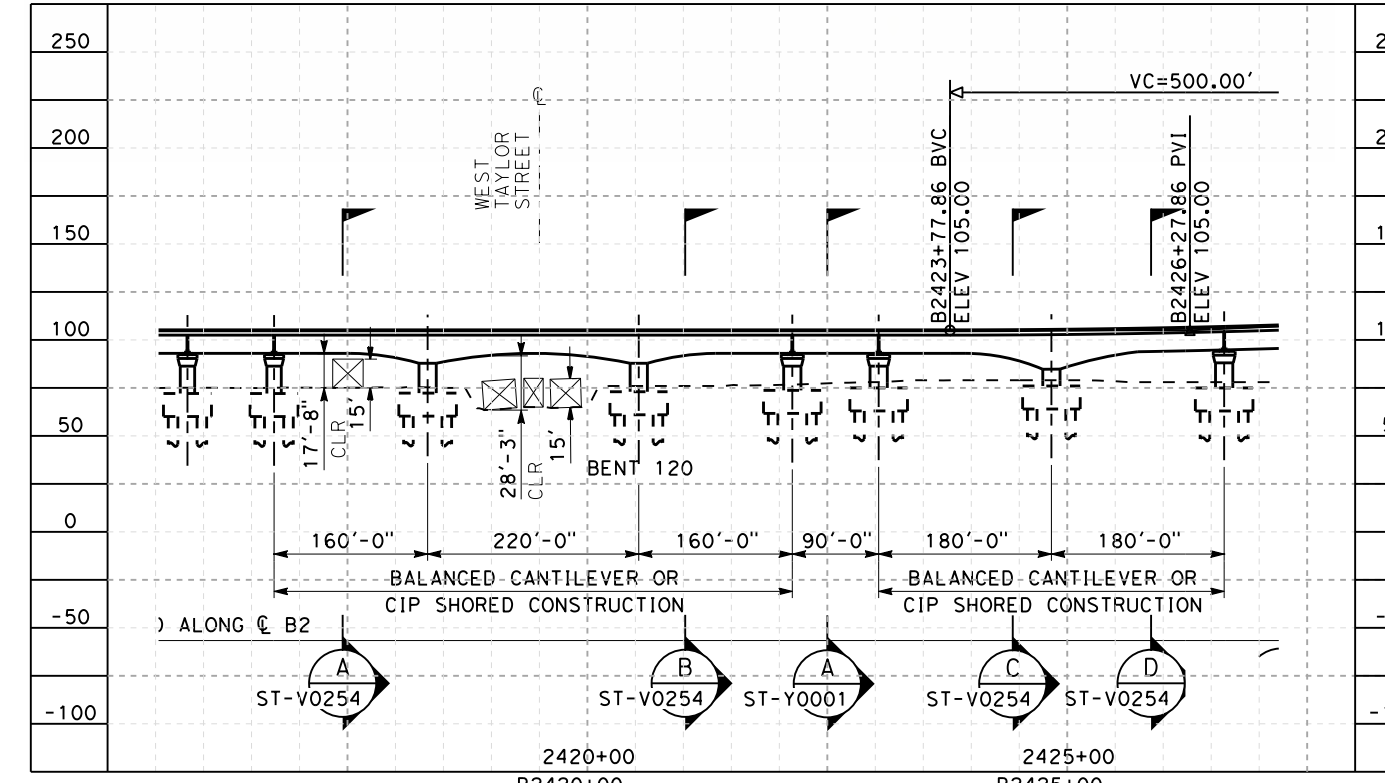
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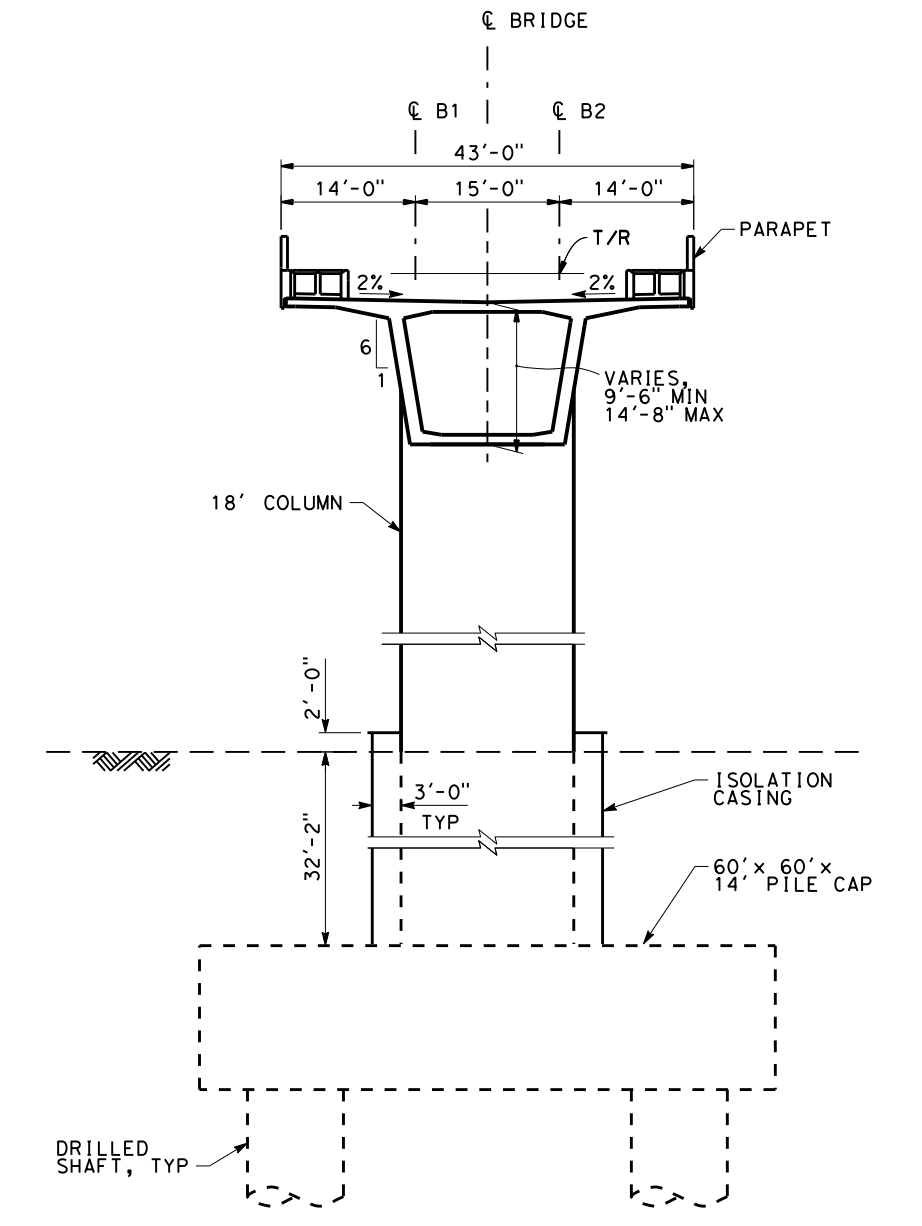
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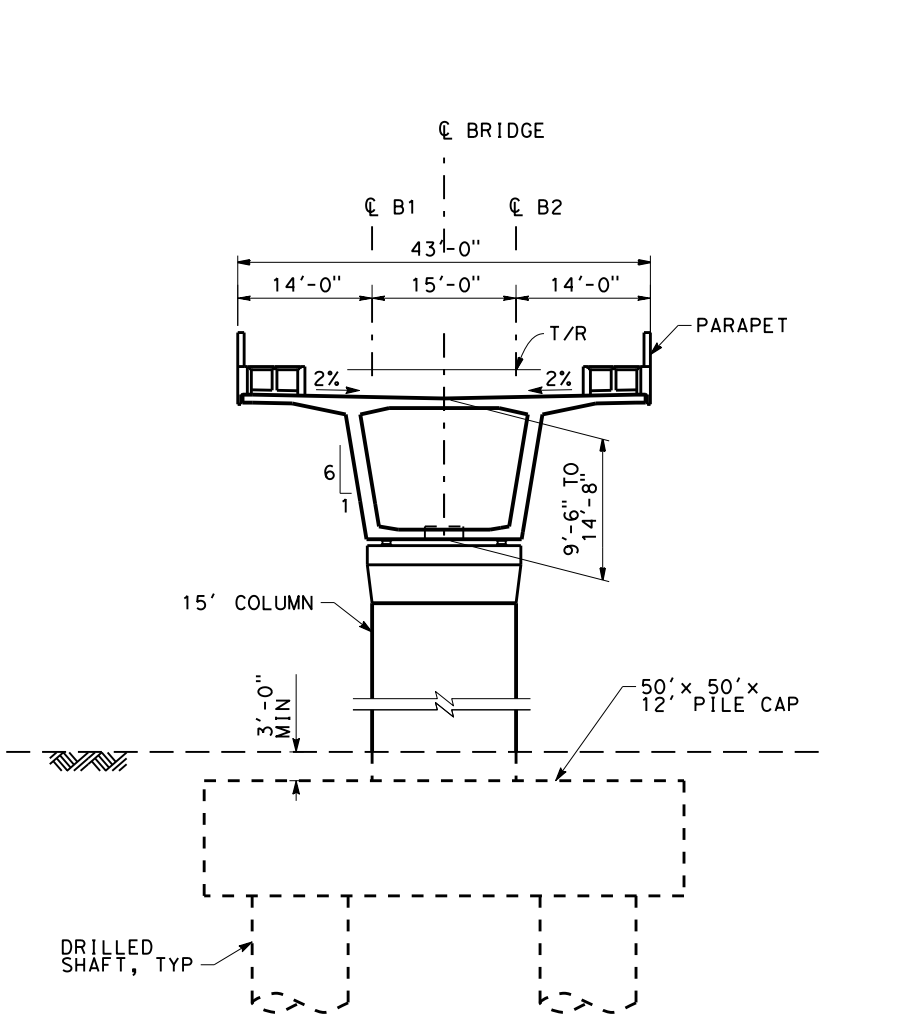
PLAN - WEST TAYLOR STREET
SCALE: 1"=200'



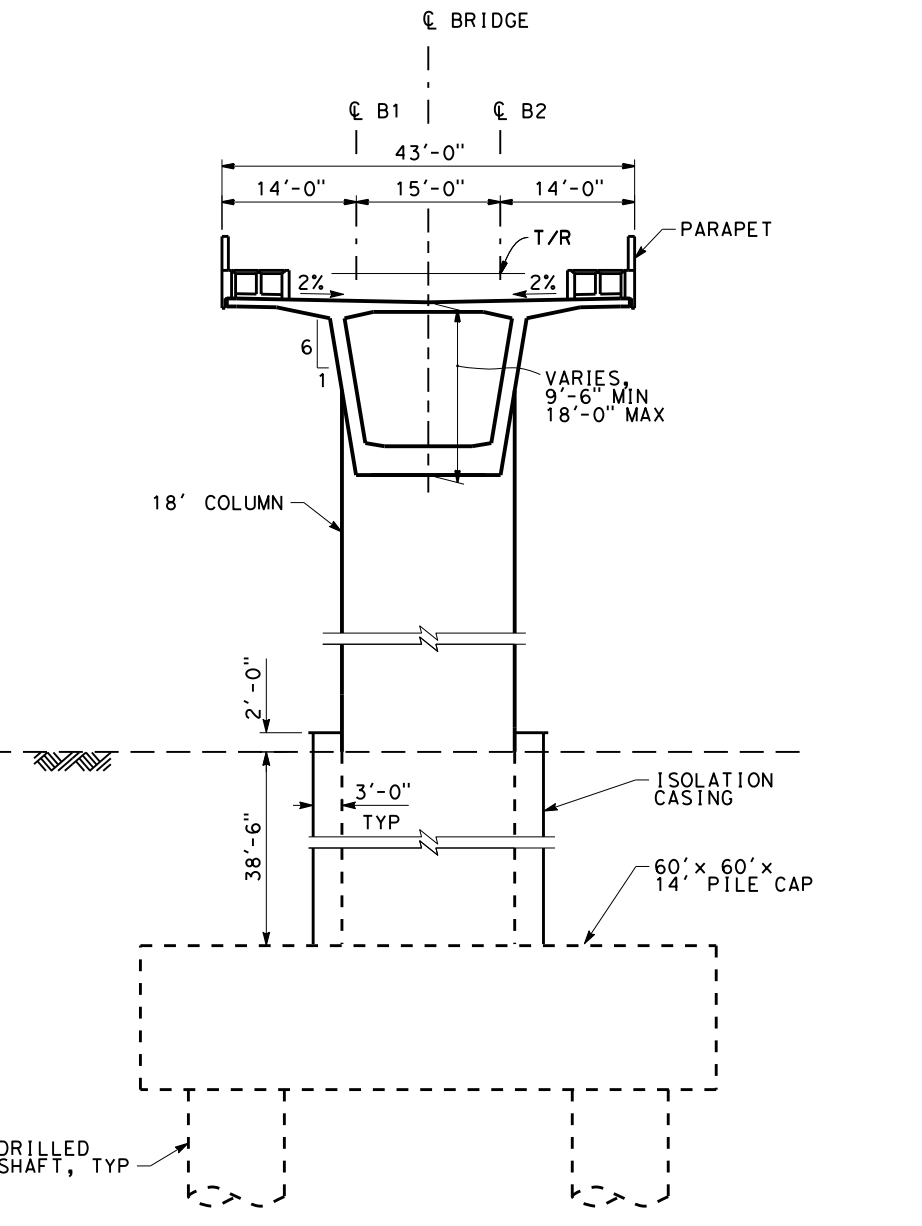
PROFILE - WEST TAYLOR STREET
SCALE: 1"=200' HOR, 1"=100' VERT



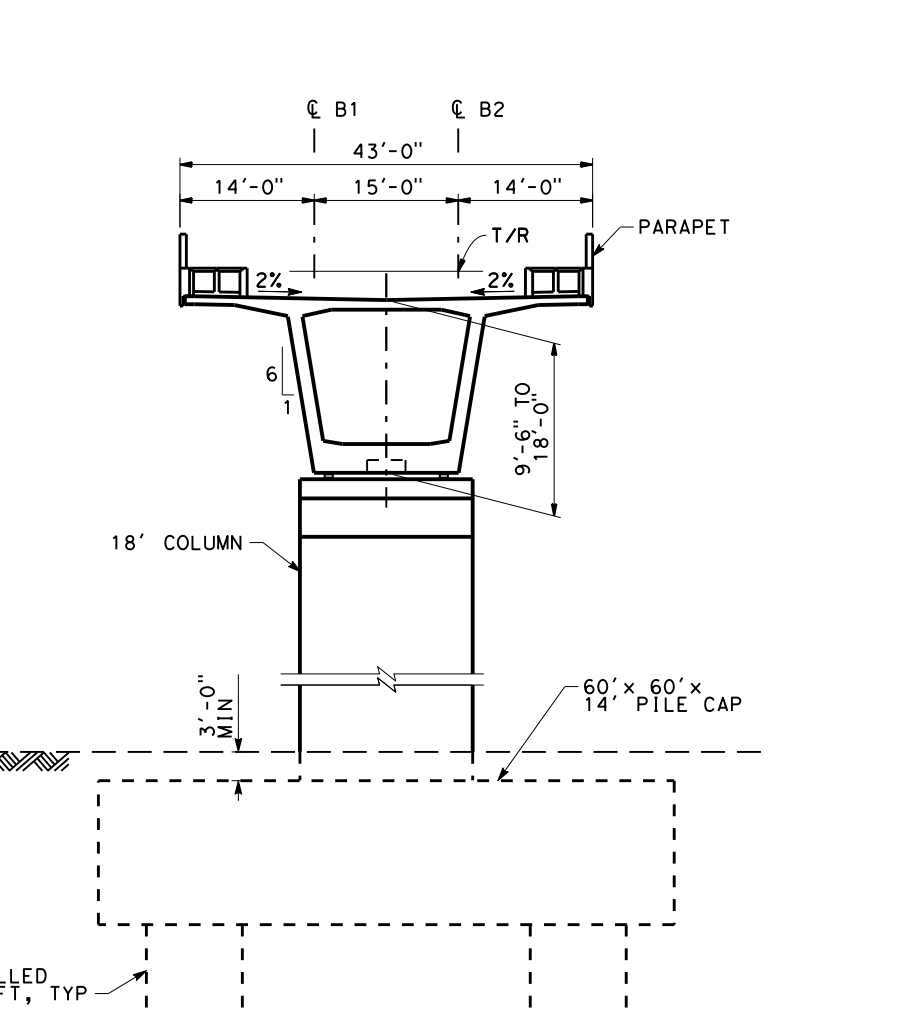
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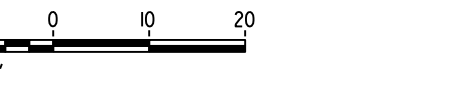
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SECTION C-C
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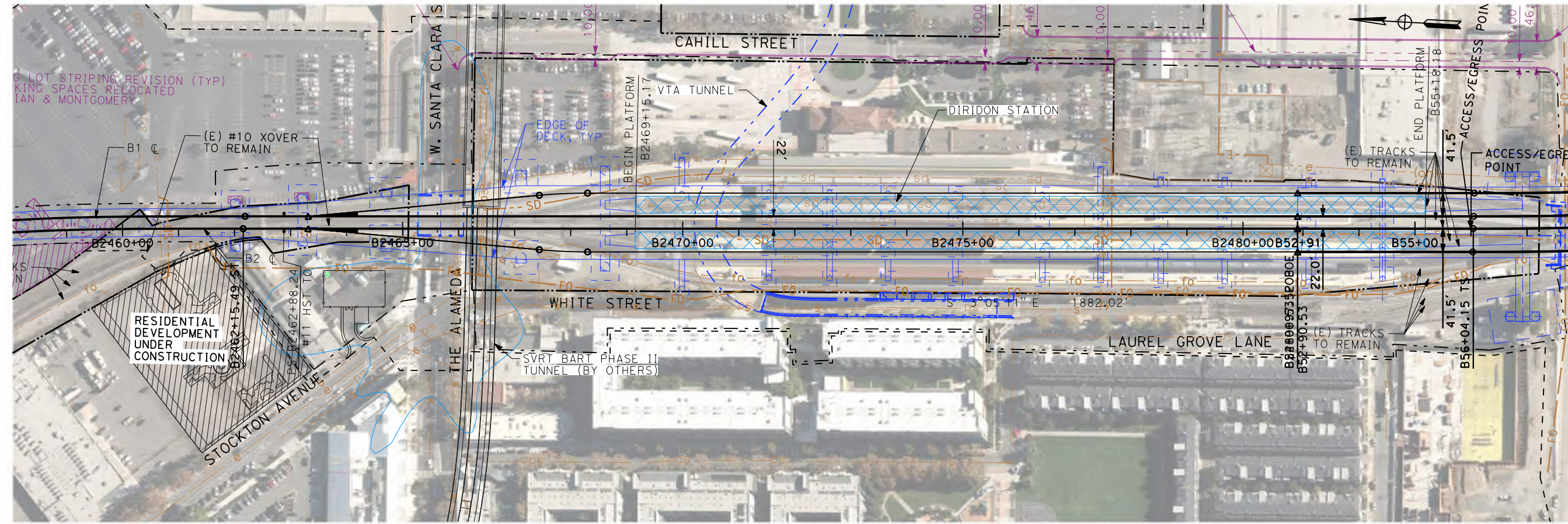


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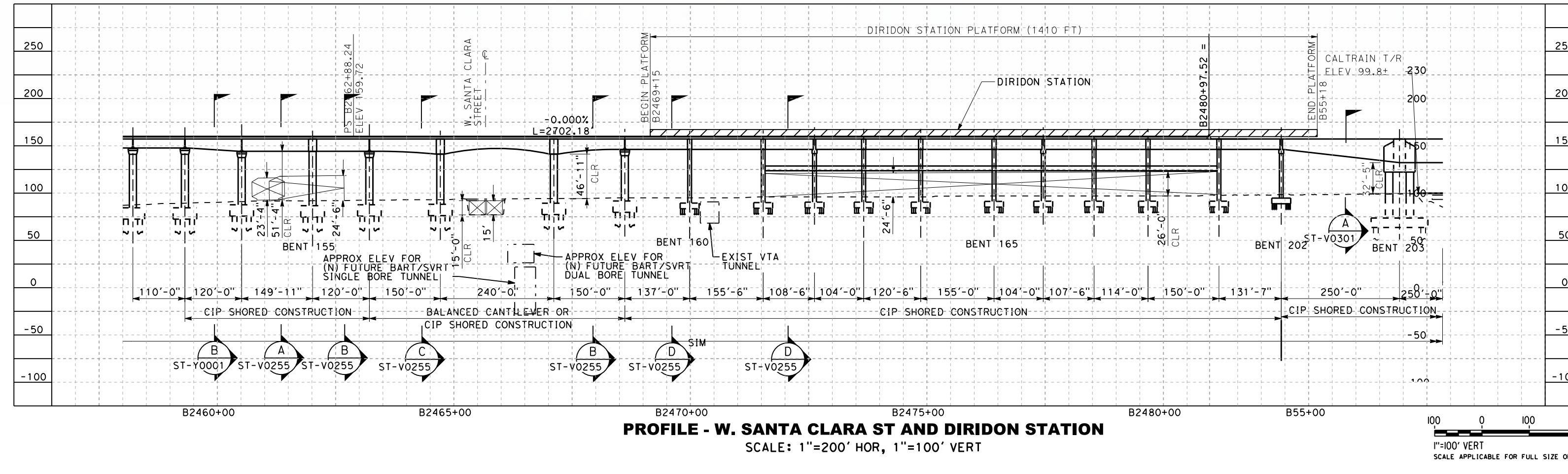


2021 RECORD SET PERP NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOSE DIRIDON STATION APPROACH VIADUCT TO SCOTT BLVD COMPLEX STRUCTURES GENERAL PLAN 4 OF 5	CONTRACT NO. HSR15-34 DRAWING NO. ST-V0254 SCALE AS SHOWN SHEET NO.
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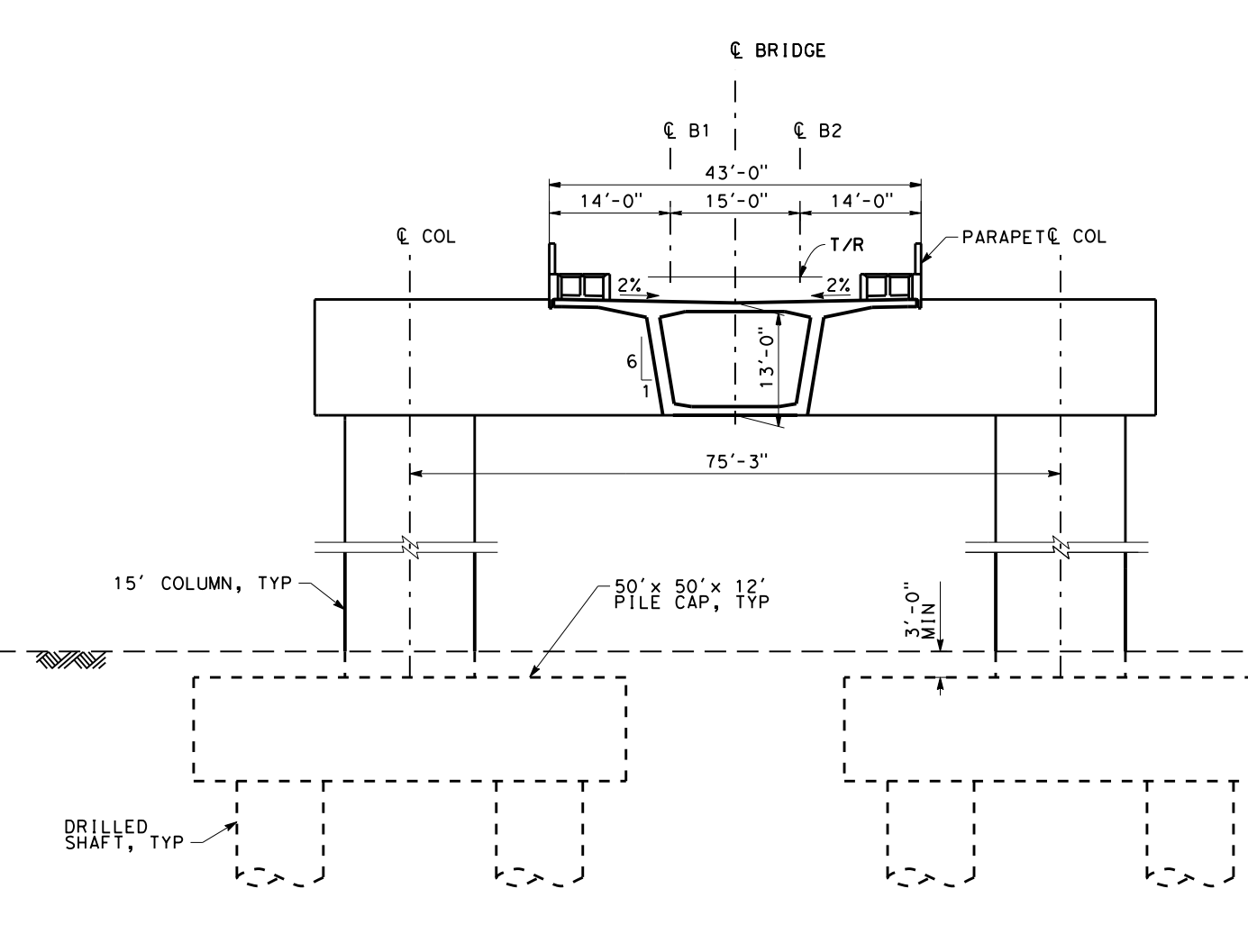
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 100 OF 285



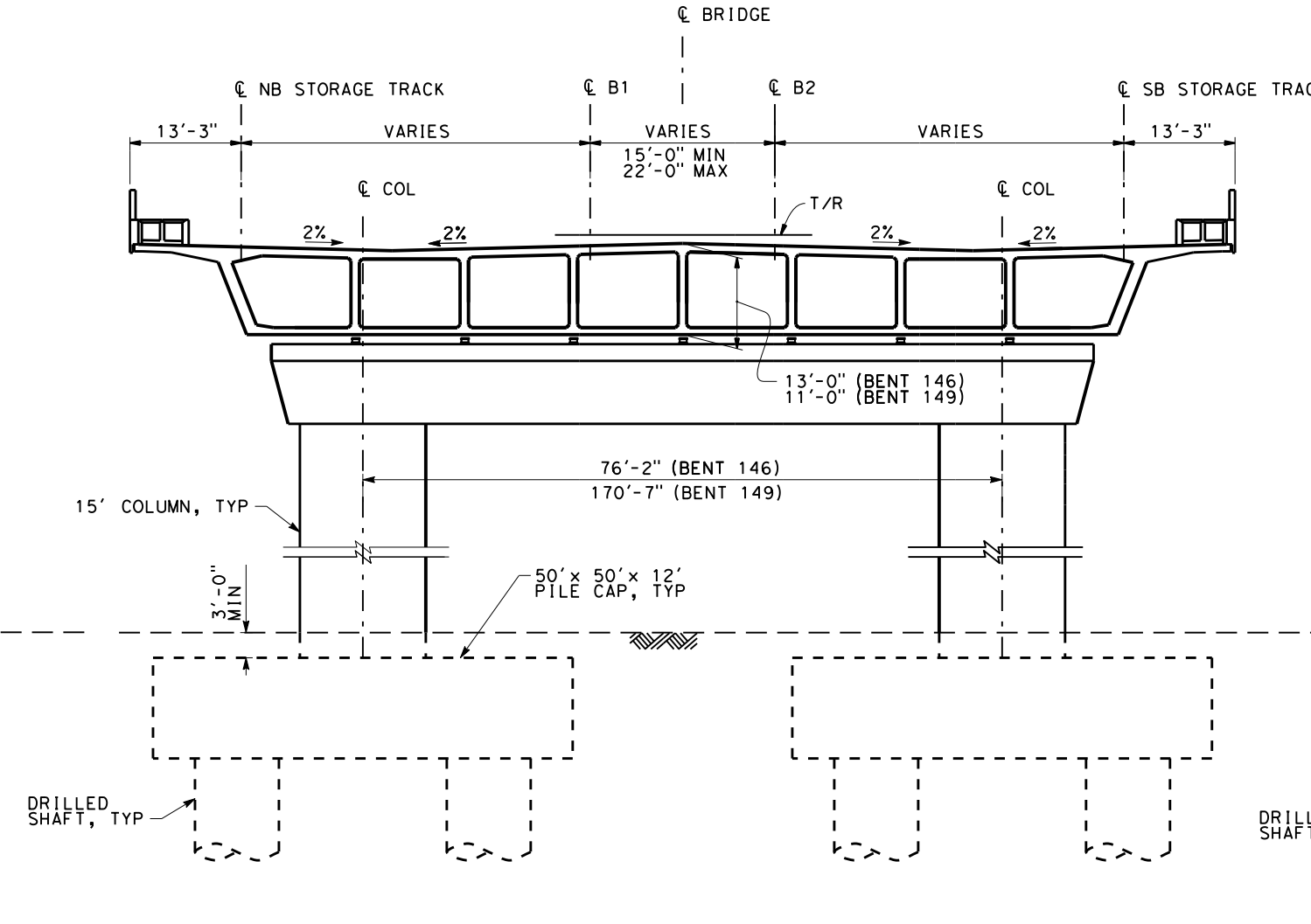
PLAN - W. SANTA CLARA ST AND DIRIDON STATION
SCALE: 1"=200'



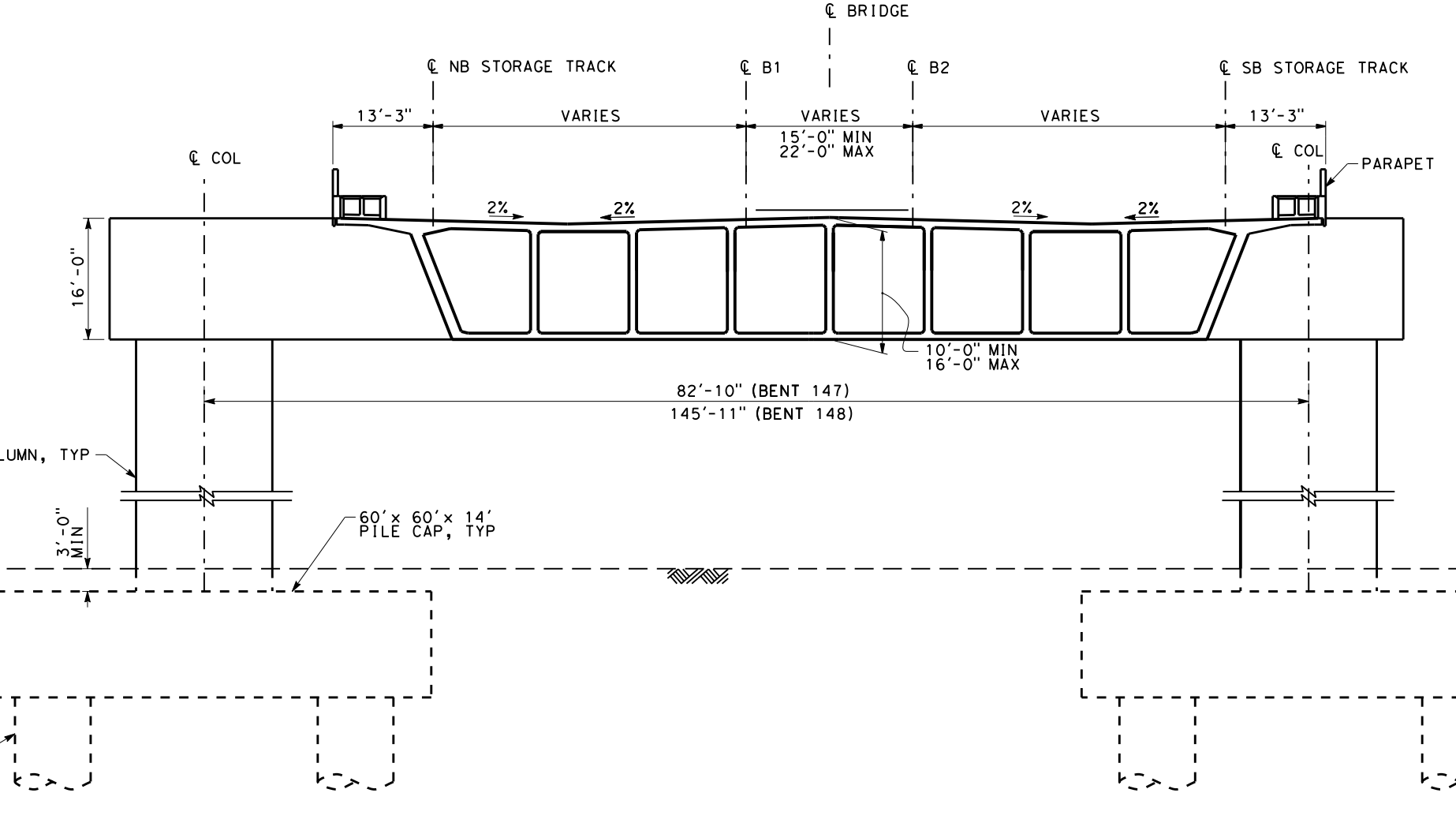
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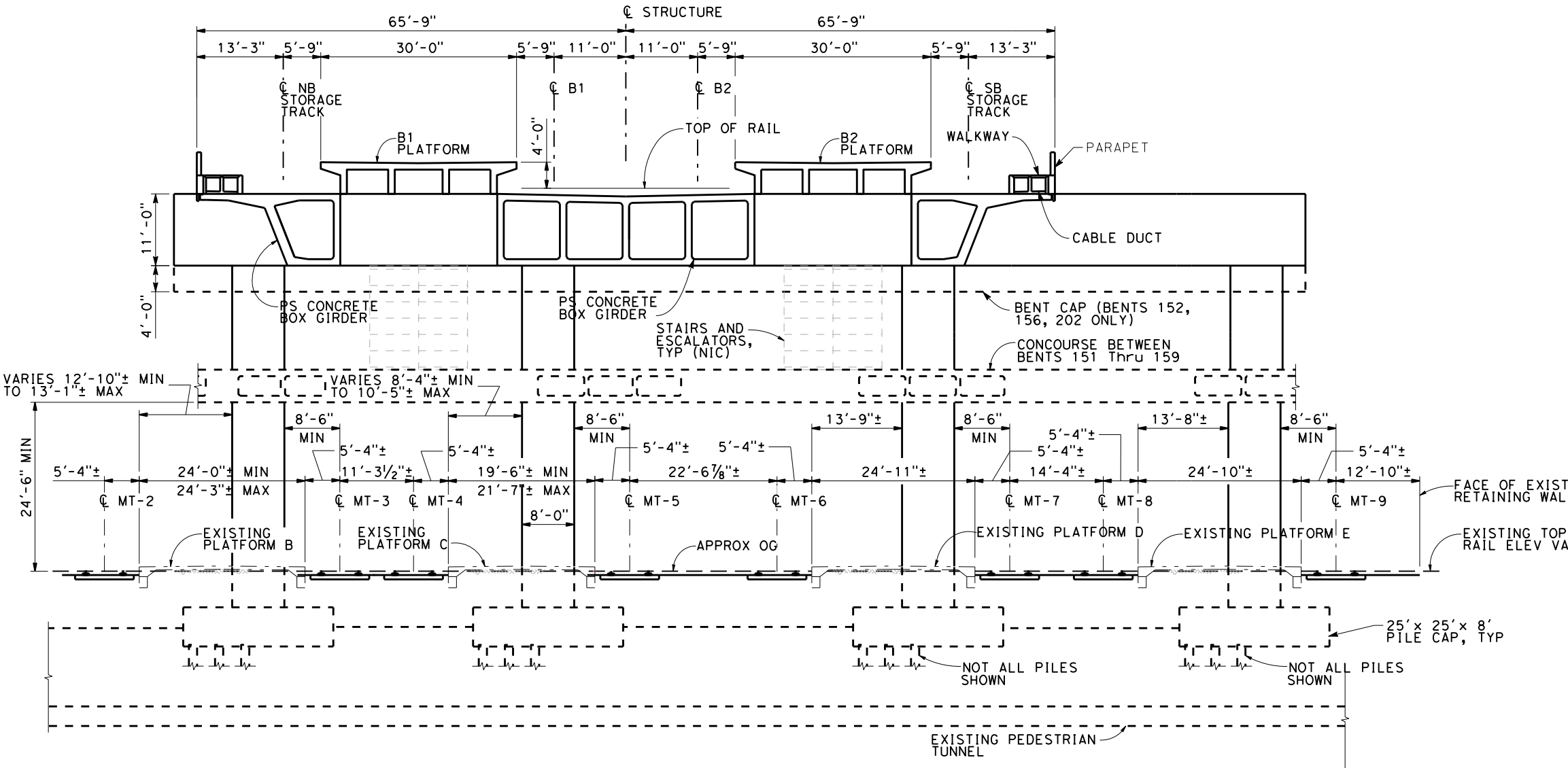
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SECTION B
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SECTION C
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SECTION D
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SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 101 OF 285

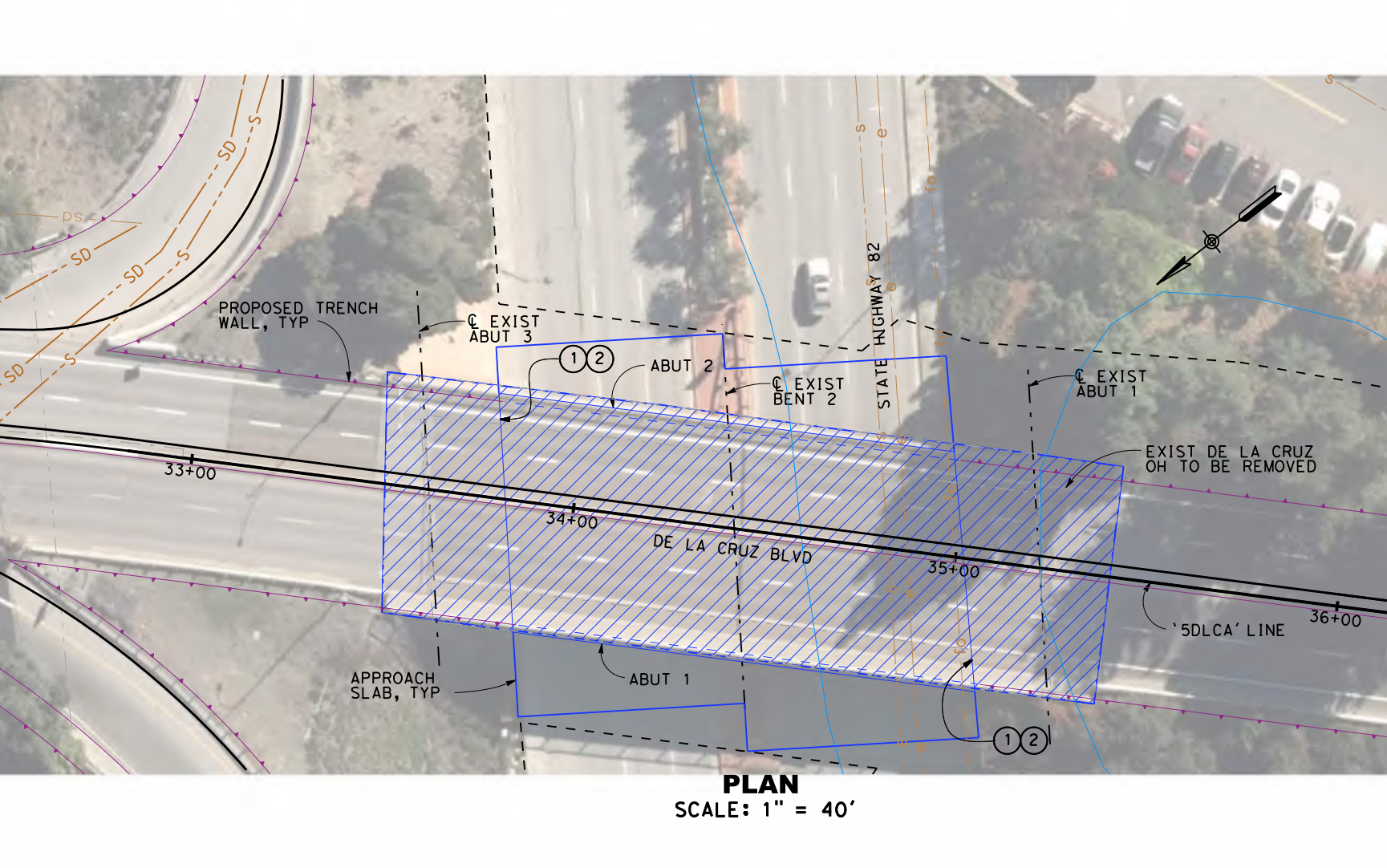
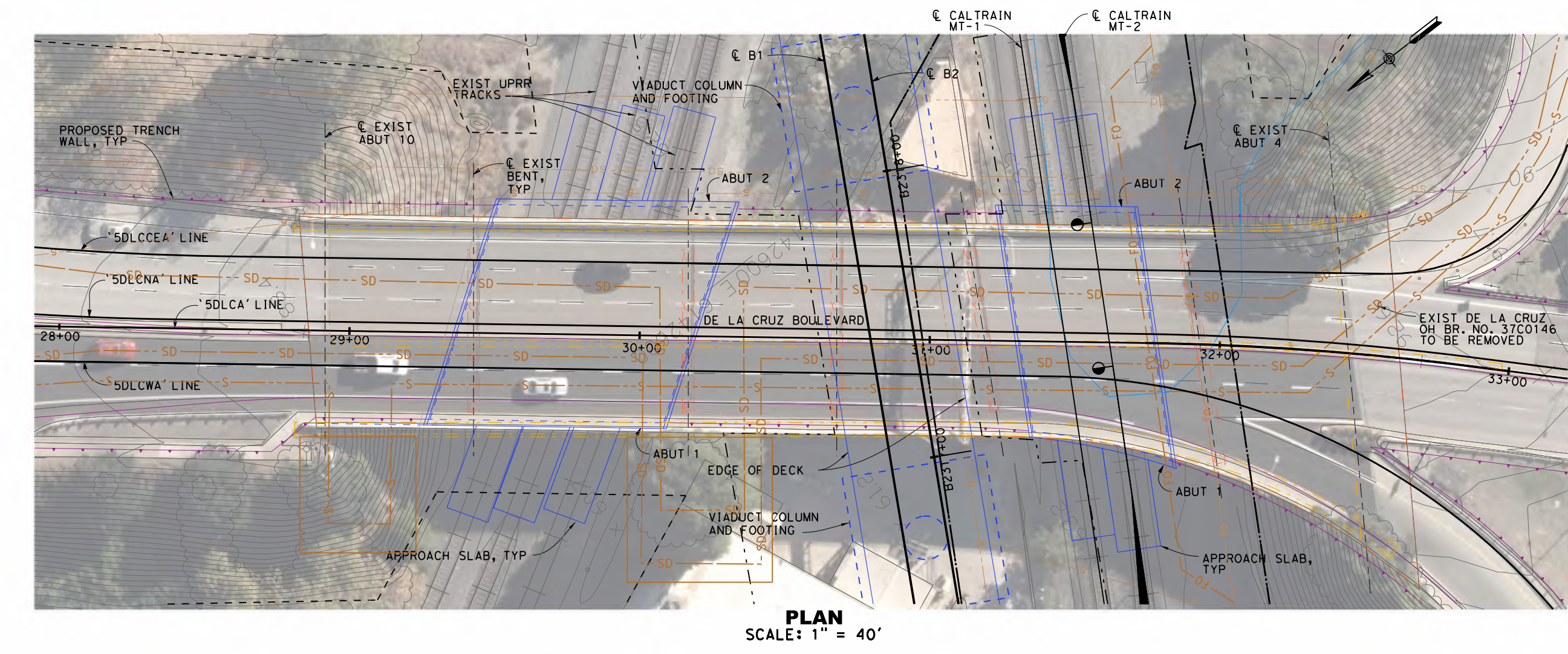
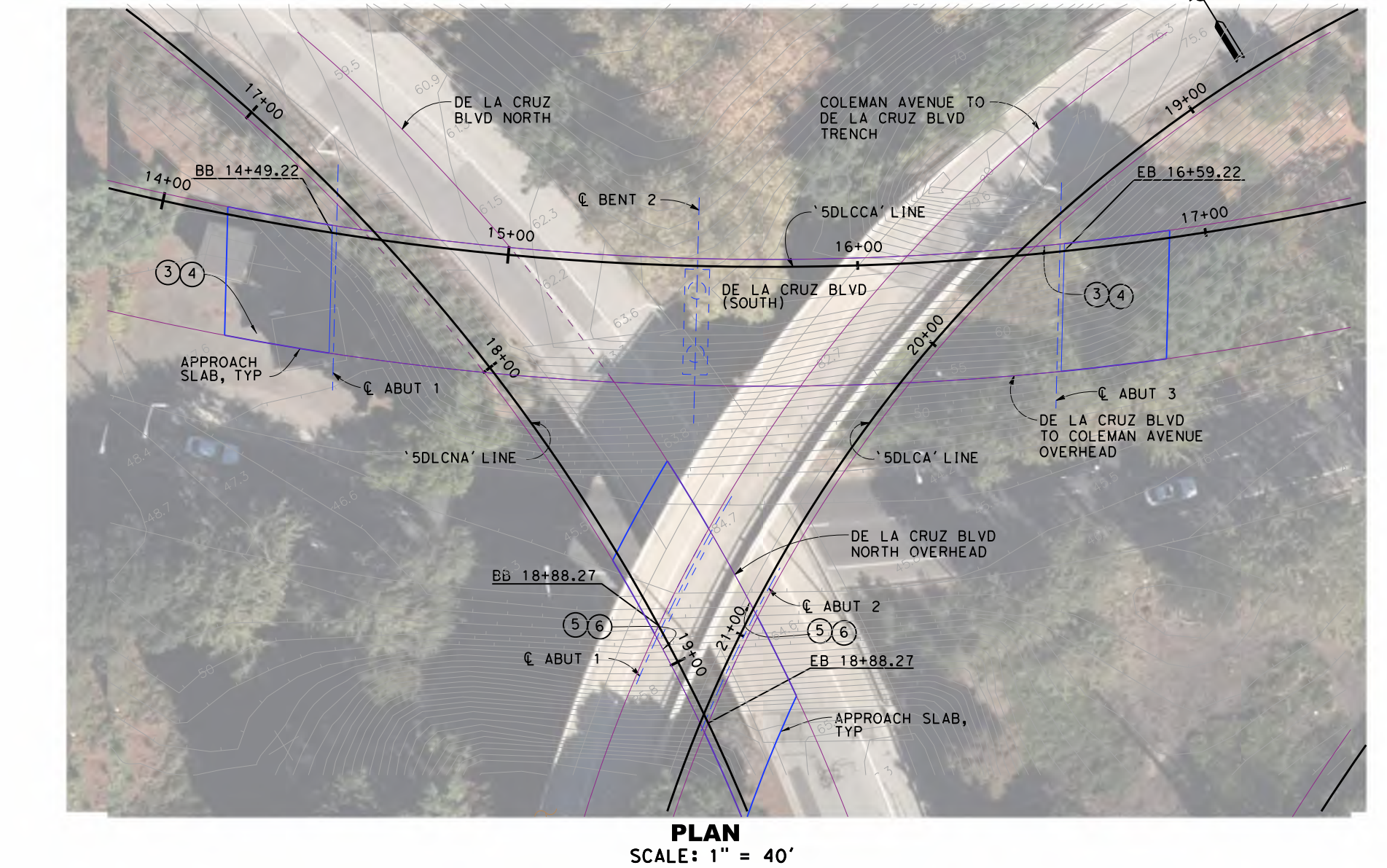
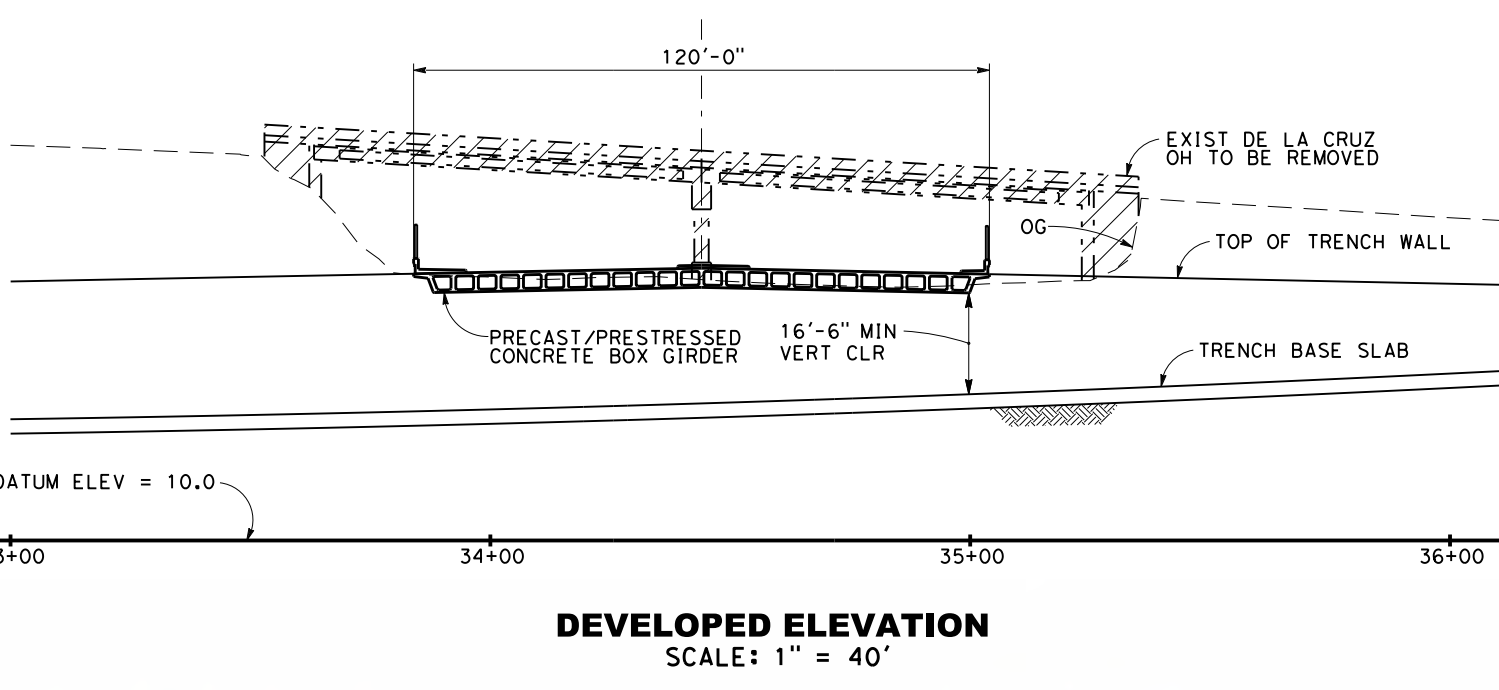
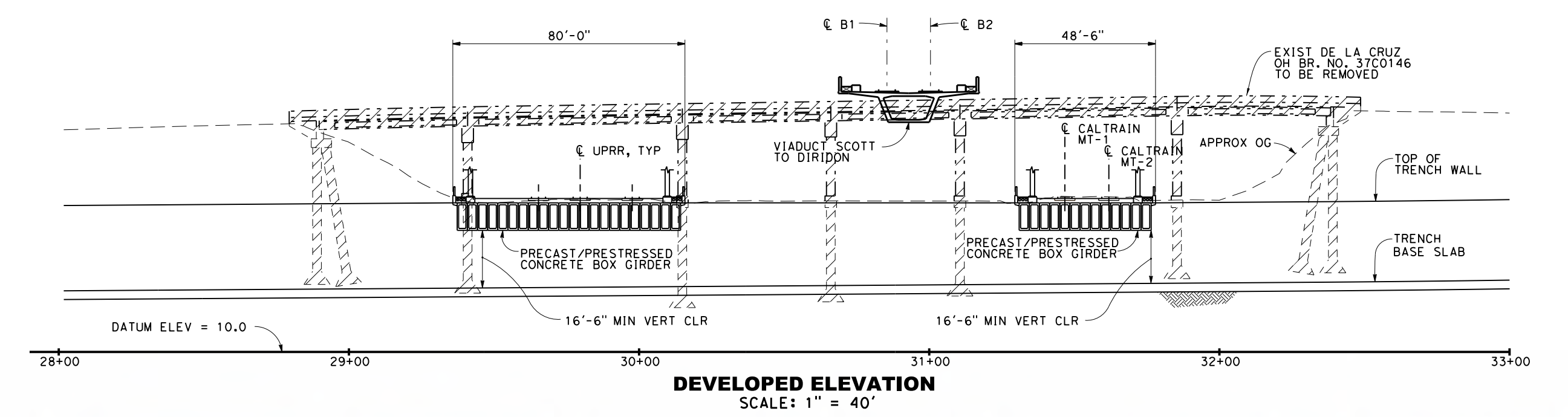
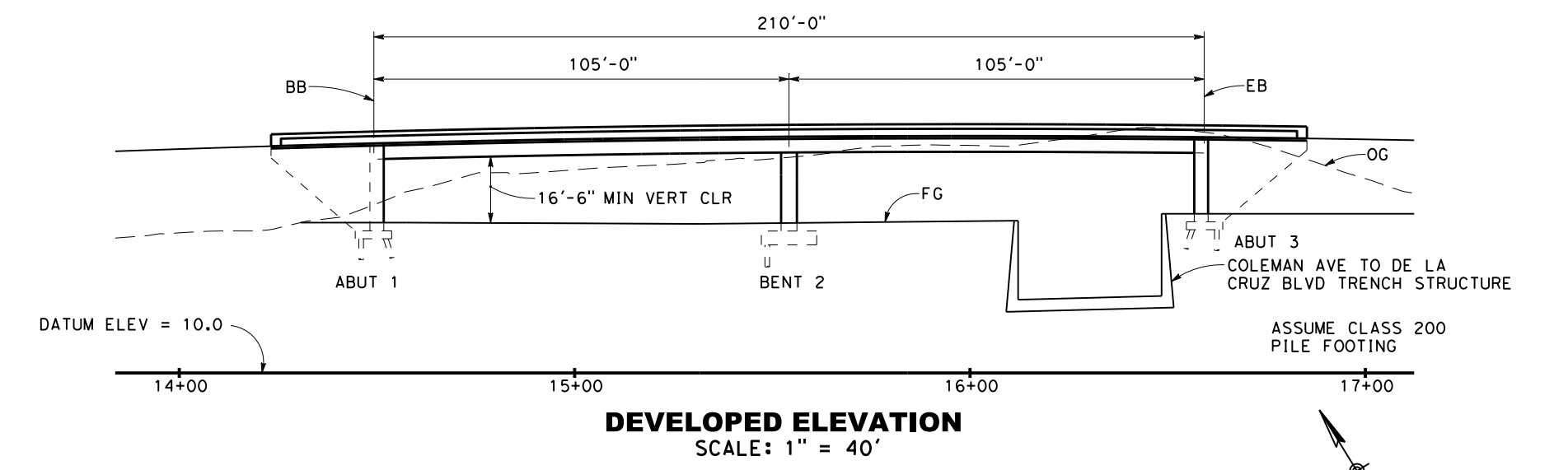
2021 RECORD SET P&P
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

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CALIFORNIA
High-Speed Rail Authority

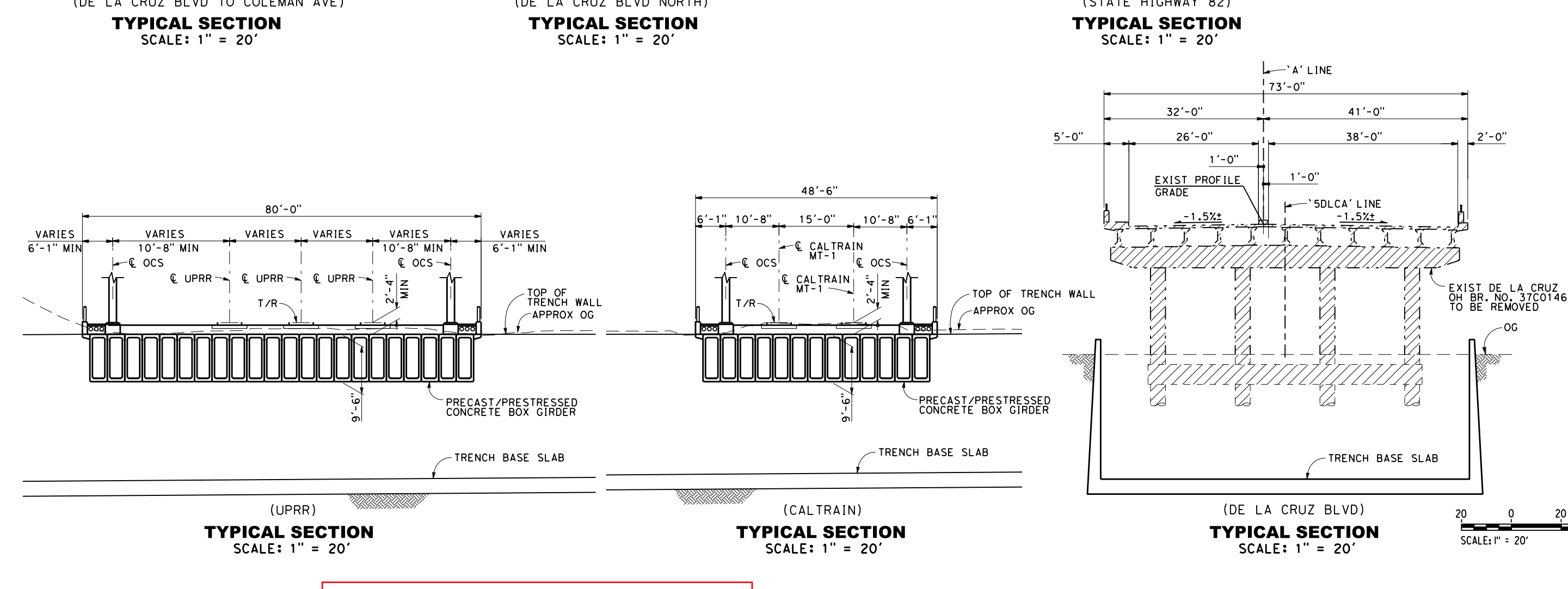
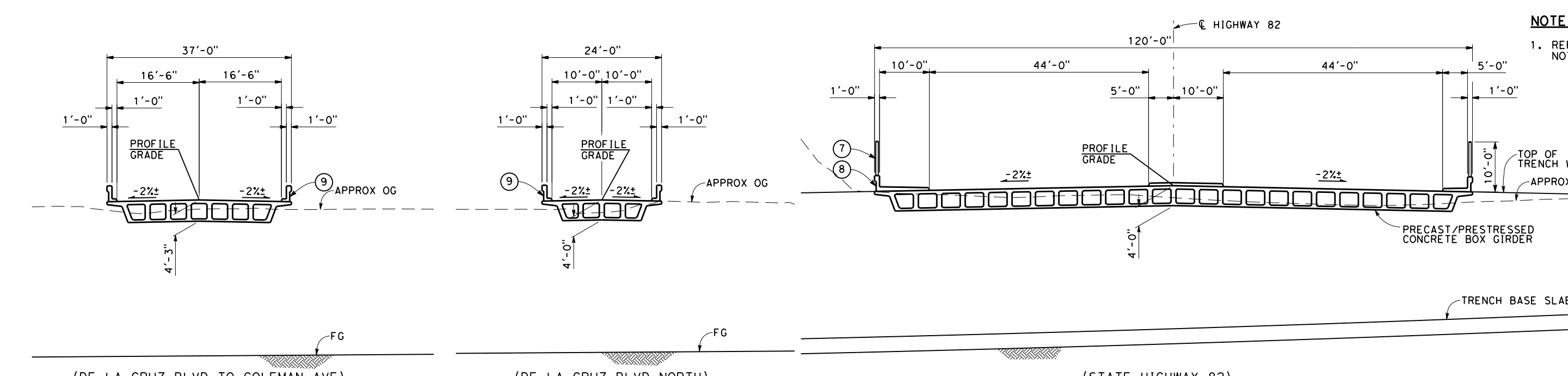
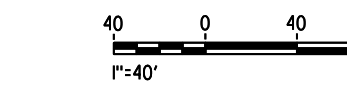
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOSE DIRIDON STATION APPROACH
VIADUCT TO SCOTT BLVD
COMPLEX STRUCTURES
GENERAL PLAN 5 OF 5

CONTRACT NO. HSR15-34
DRAWING NO. ST-V0255
SCALE AS SHOWN
SHEET NO.



- 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

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 102 OF 285

2021 RECORD SET P&P
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

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9th Floor
Oakland, CA 94607

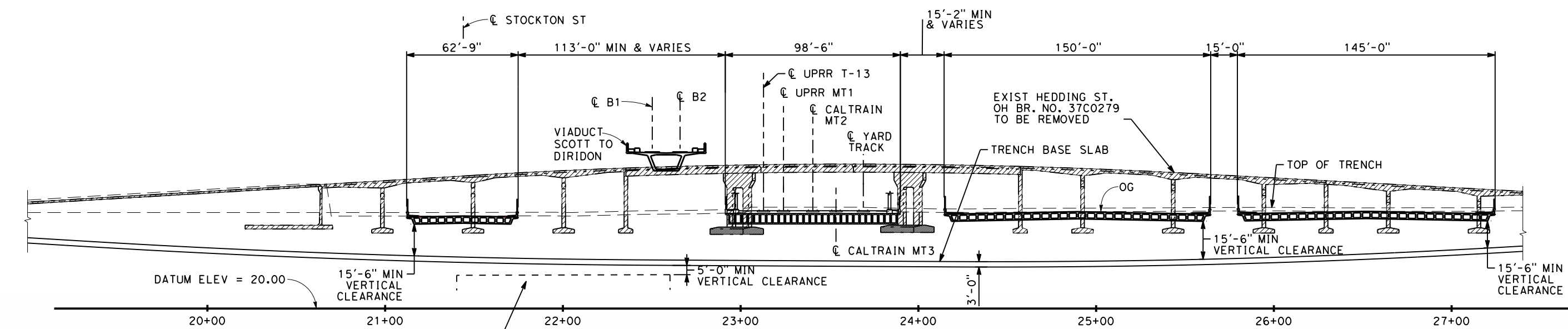
CALIFORNIA
High-Speed Rail Authority

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

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

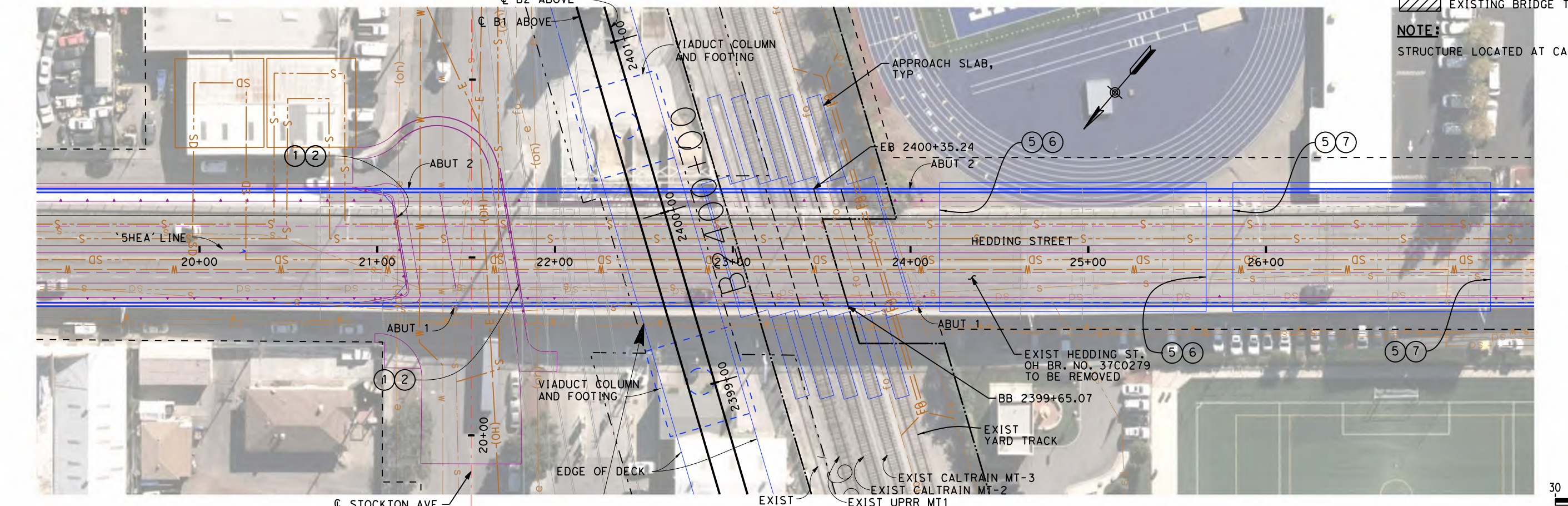
DE LA CRUZ BLVD

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



ELEVATION
SCALE: 1" = 60'

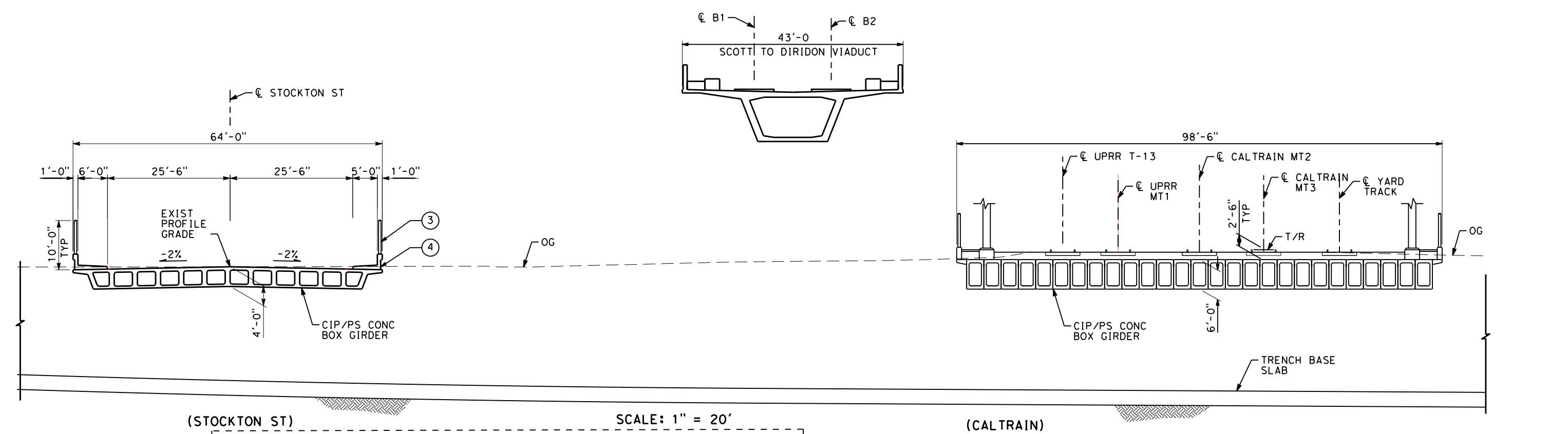
LEGEND:
— EXISTING STRUCTURE
— NEW CONSTRUCTION
▨ EXISTING BRIDGE TO BE REMOVED
NOTE:
STRUCTURE LOCATED AT CALTRAIN MP 46.2.



PLAN
SCALE: 1" = 60'

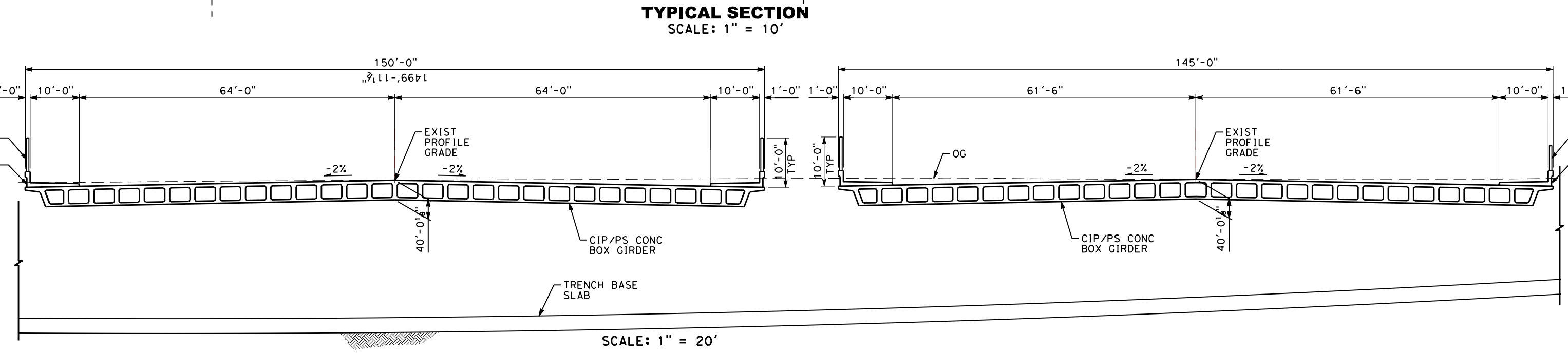
30 0 30 60
SCALE: 1" = 30'

WEST HEDDING ST. BRIDGES

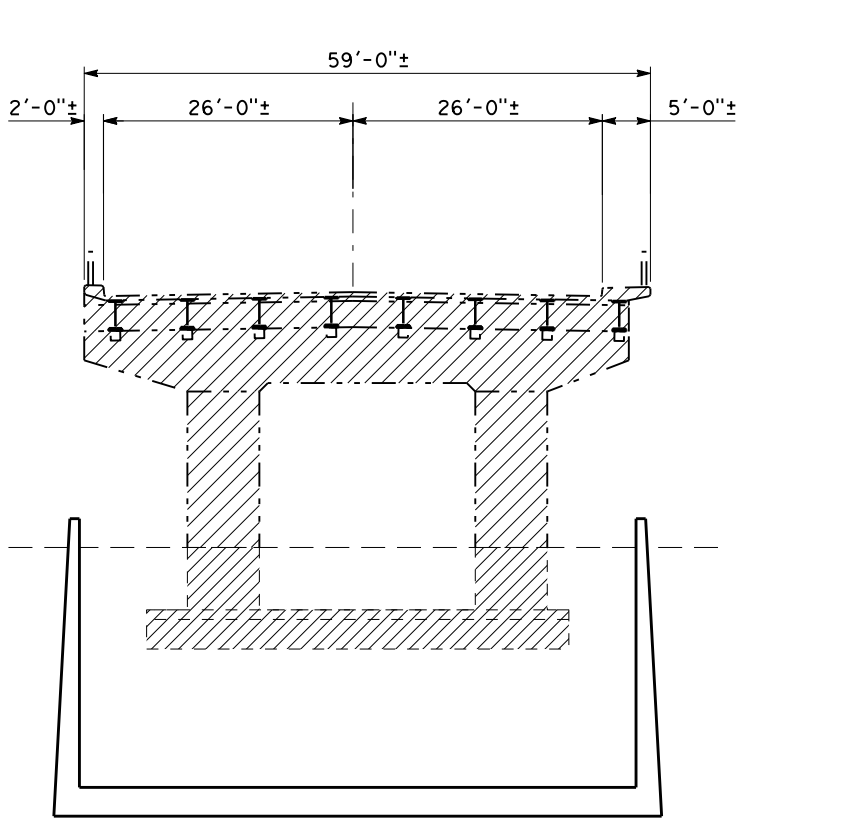


(STOCKTON ST) SCALE: 1" = 20'

(CALTRAIN) SCALE: 1" = 20'



TYPICAL SECTION
SCALE: 1" = 10'



TYPICAL SECTION
SCALE: 1" = 10'

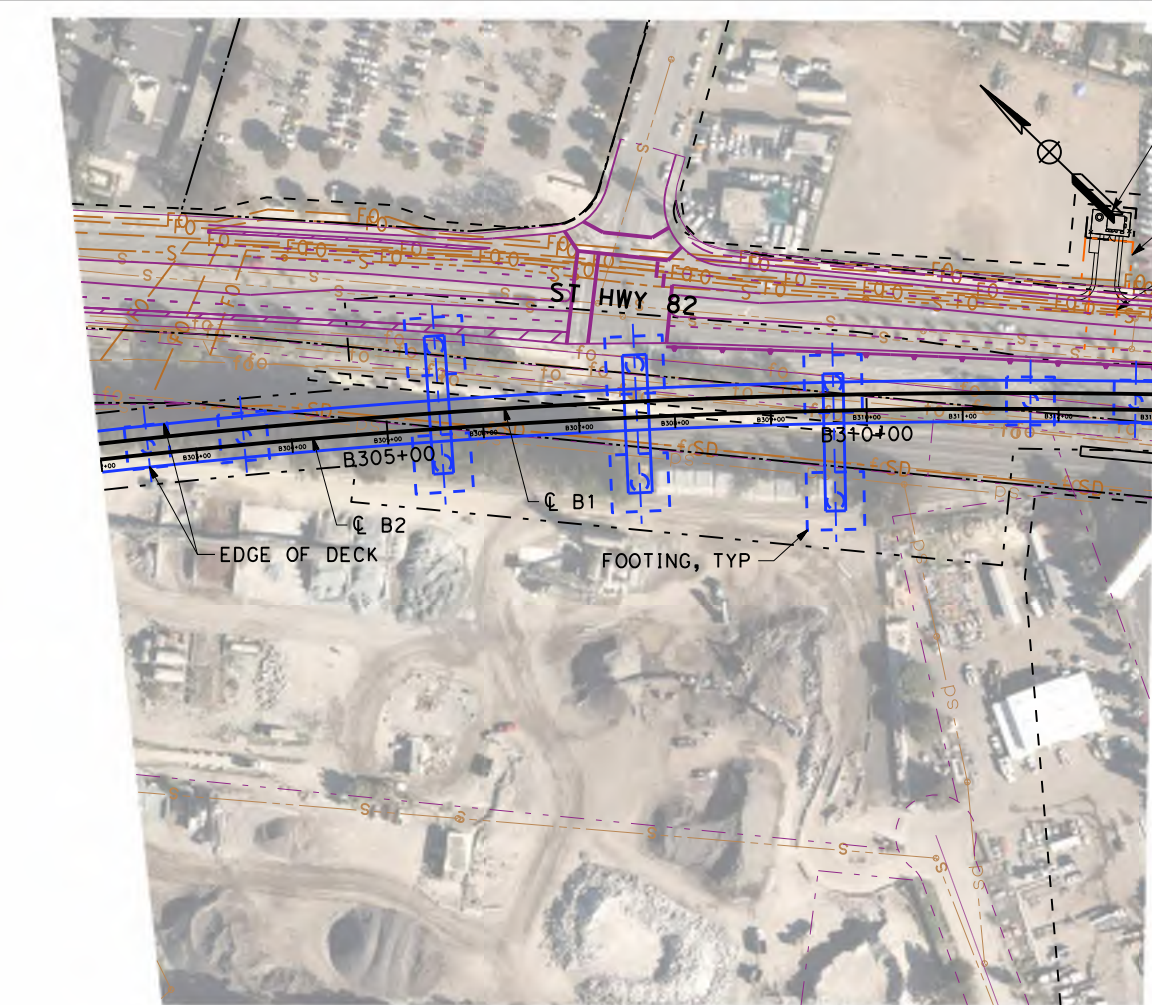
LEGEND:
— EXISTING STRUCTURE
— NEW CONSTRUCTION
▨ EXISTING BRIDGE TO BE REMOVED
① PAINT "STOCKTON ST UC"
② PAINT "BRIDGE NO. XX-XXXX"
③ CHAIN LINK RAILING TYPE 7, TYP (MOD)
④ CONCRETE BARRIER TYPE 732, TYP
⑤ PAINT "XX UC"
⑥ PAINT "BRIDGE NO. XX-XXXX"
⑦ PAINT "BRIDGE NO. XX-XXXX"

NOTE:
STRUCTURE LOCATED AT CALTRAIN MP 46.2.

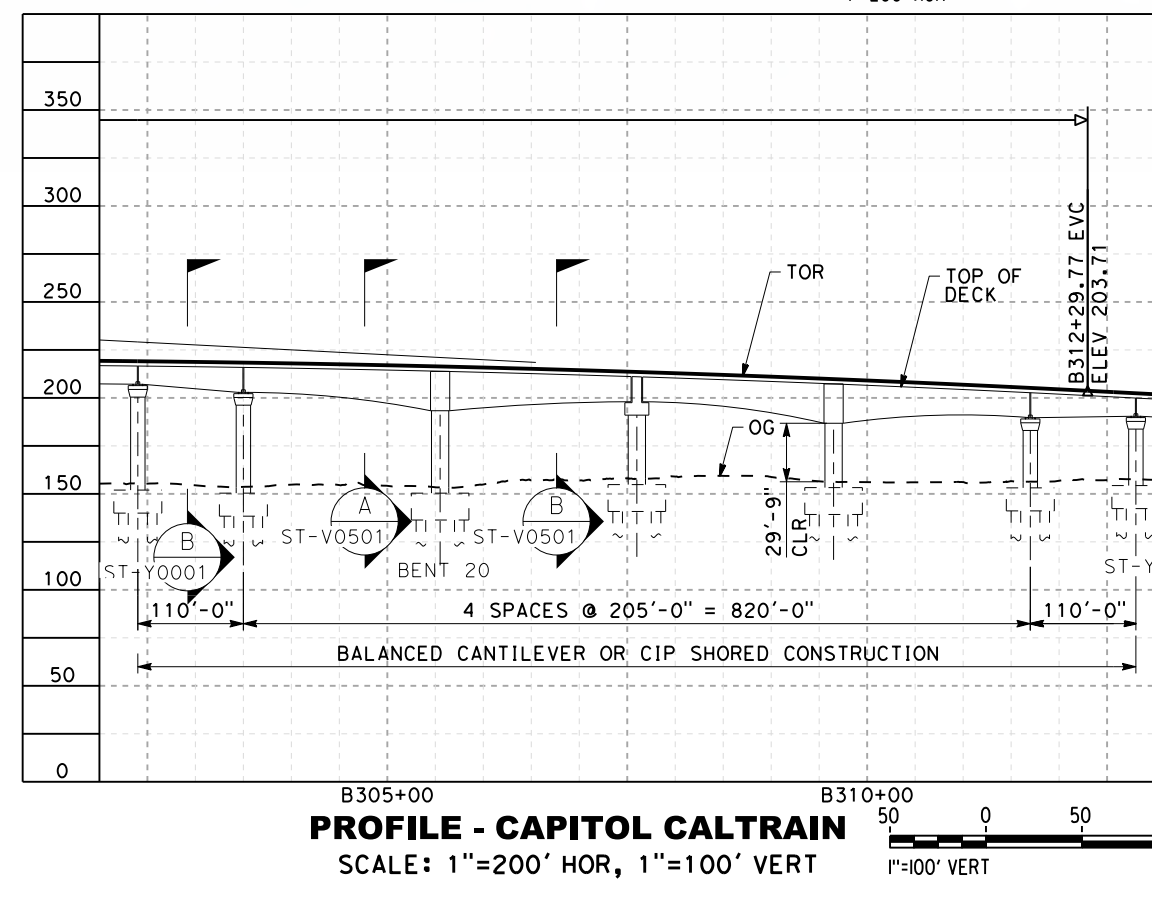
**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 103 OF 285**

2021 RECORD SET PERP NOVEMBER 30, 2021 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 OVERPASSES AND UNDERPASSES WEST HEDDING STREET BRIDGES	CONTRACT NO. HSR15-34 DRAWING NO. ST-T0252 SCALE: AS SHOWN SHEET NO.
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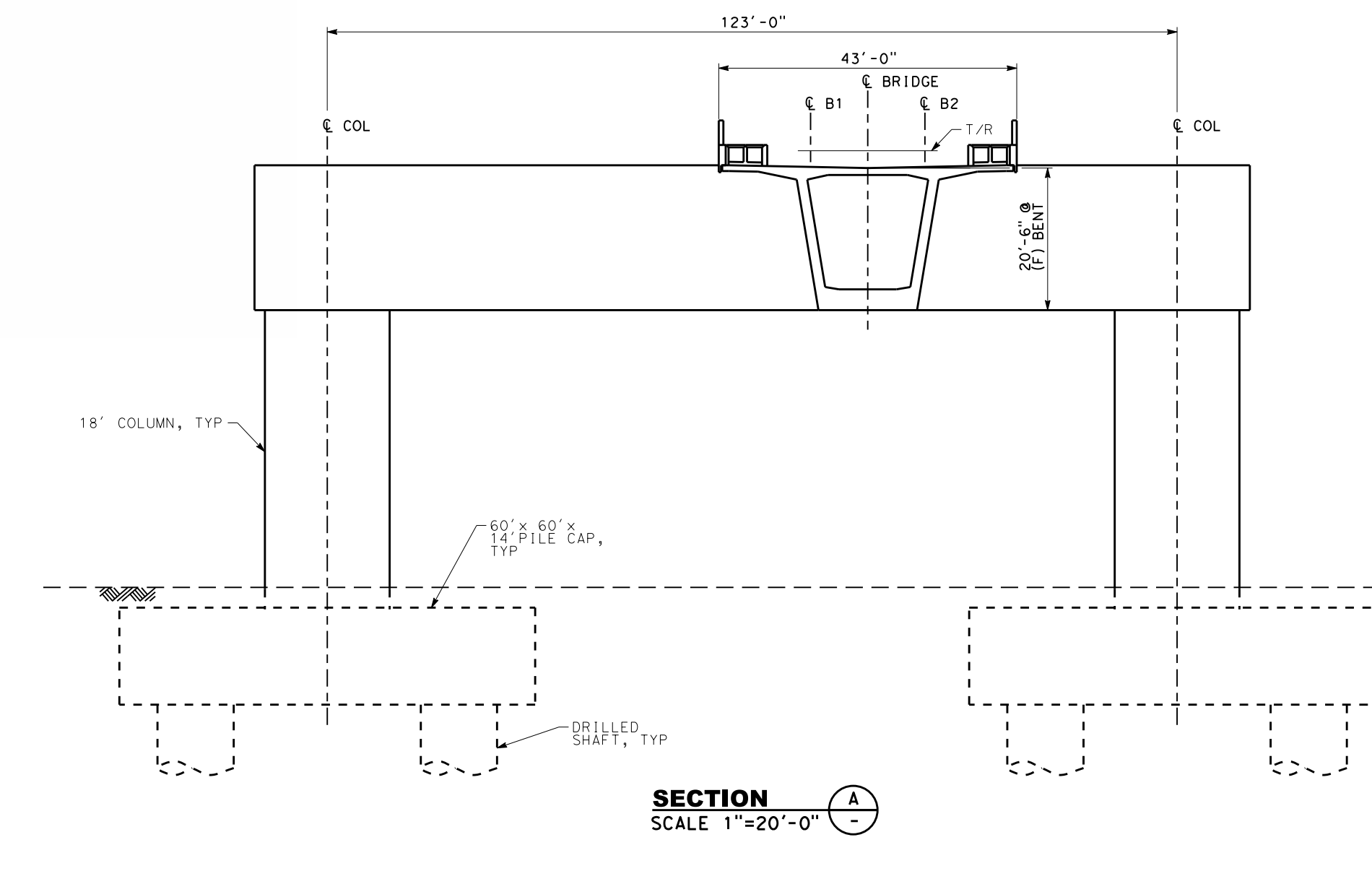
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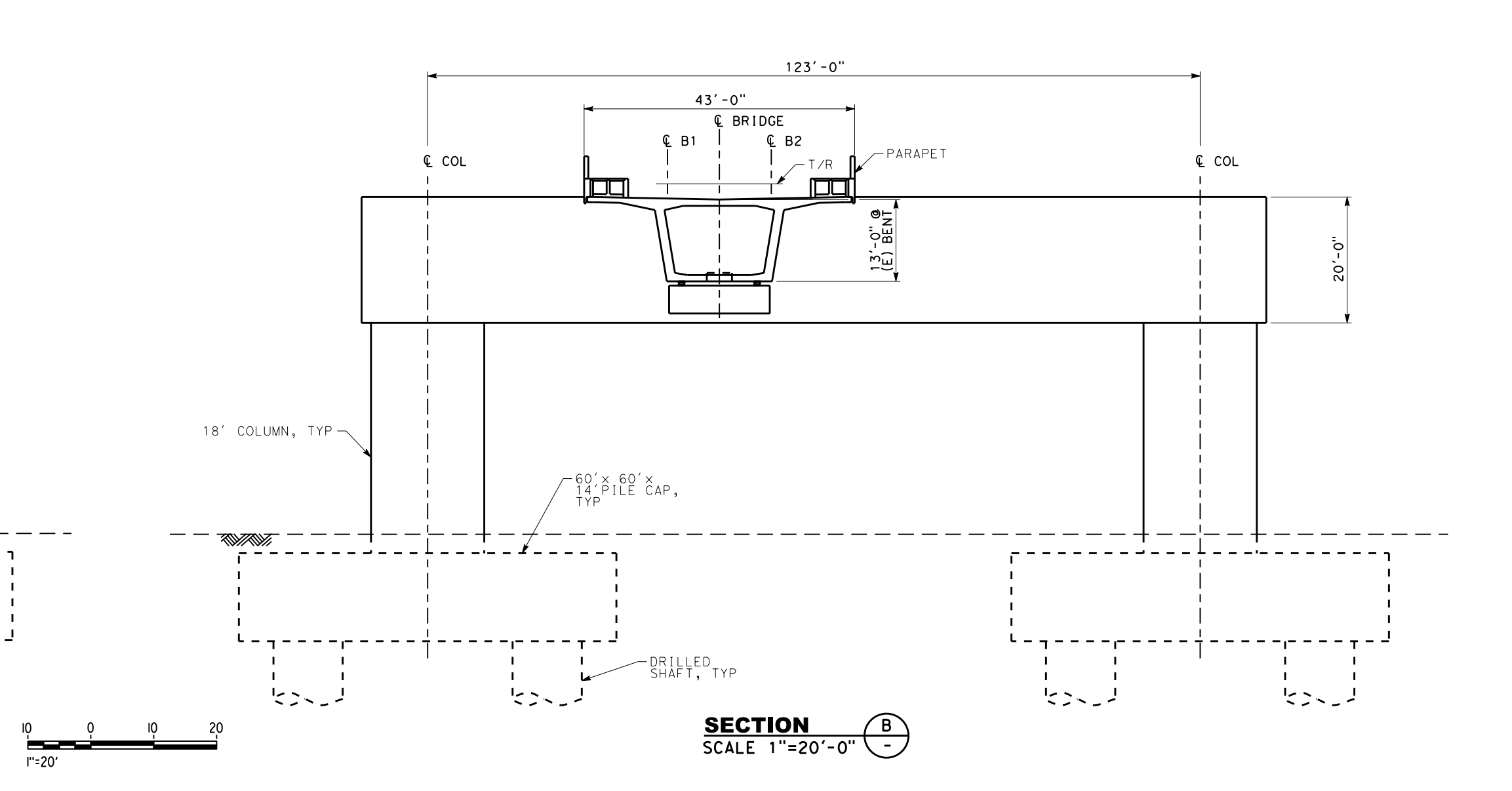
PLAN - CAPITOL CALTRAIN
SCALE: 1"=200'



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



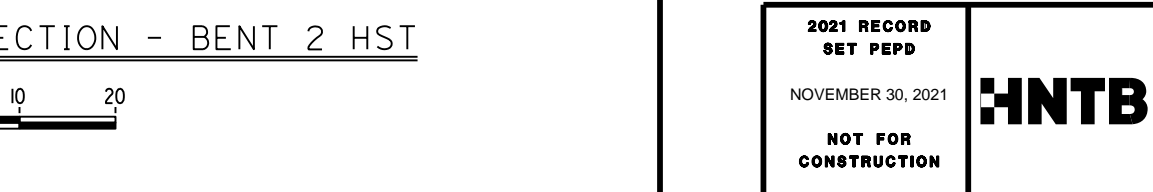
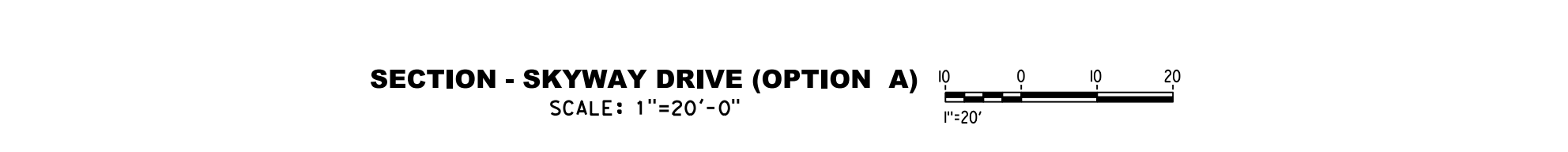
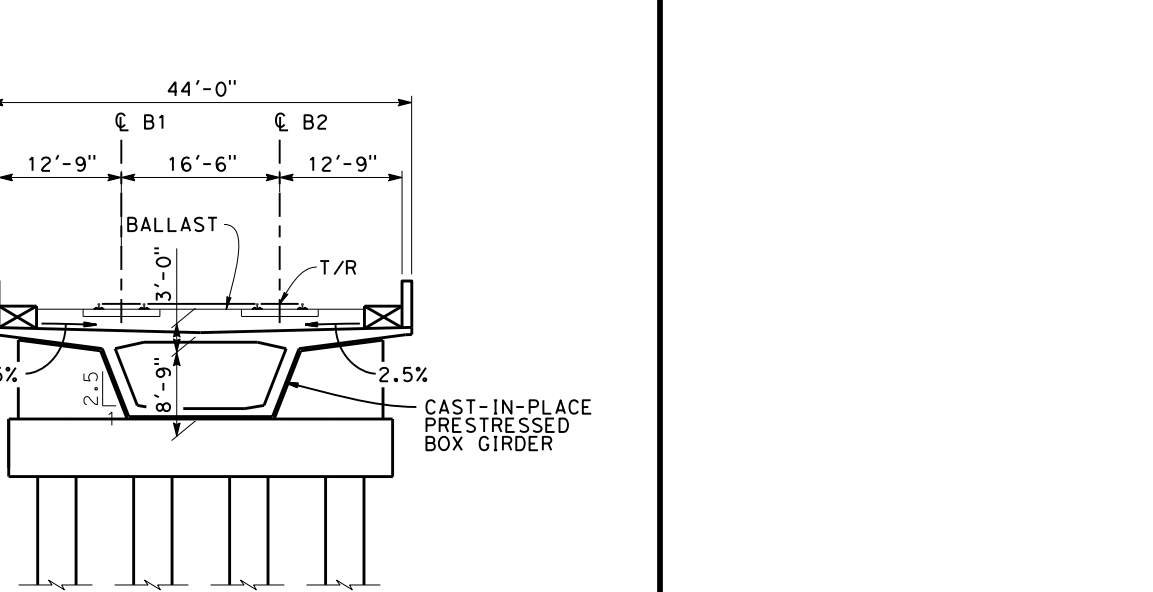
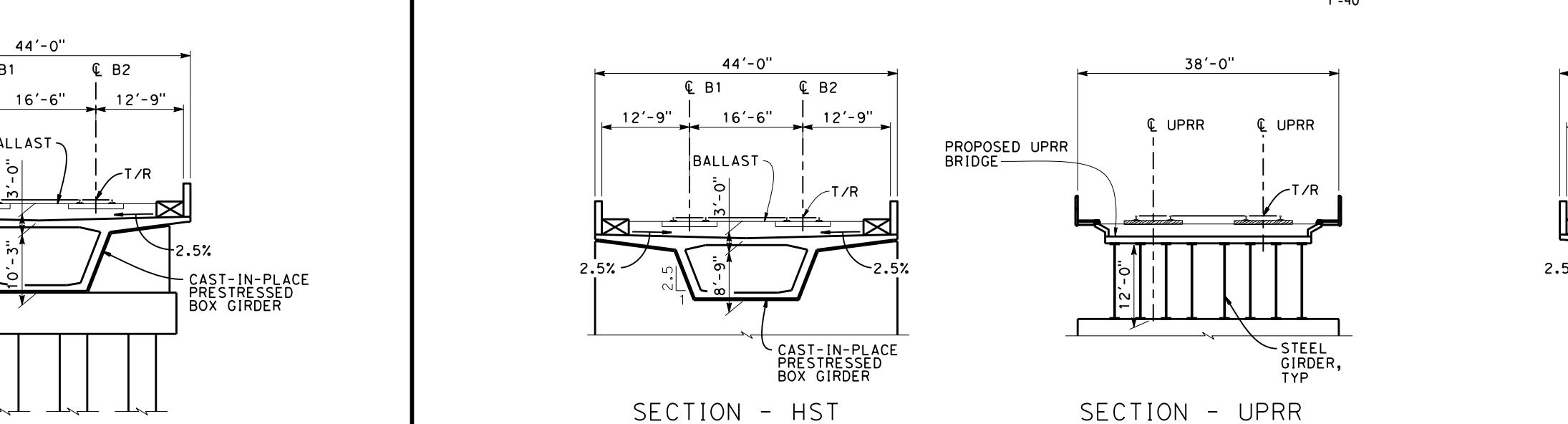
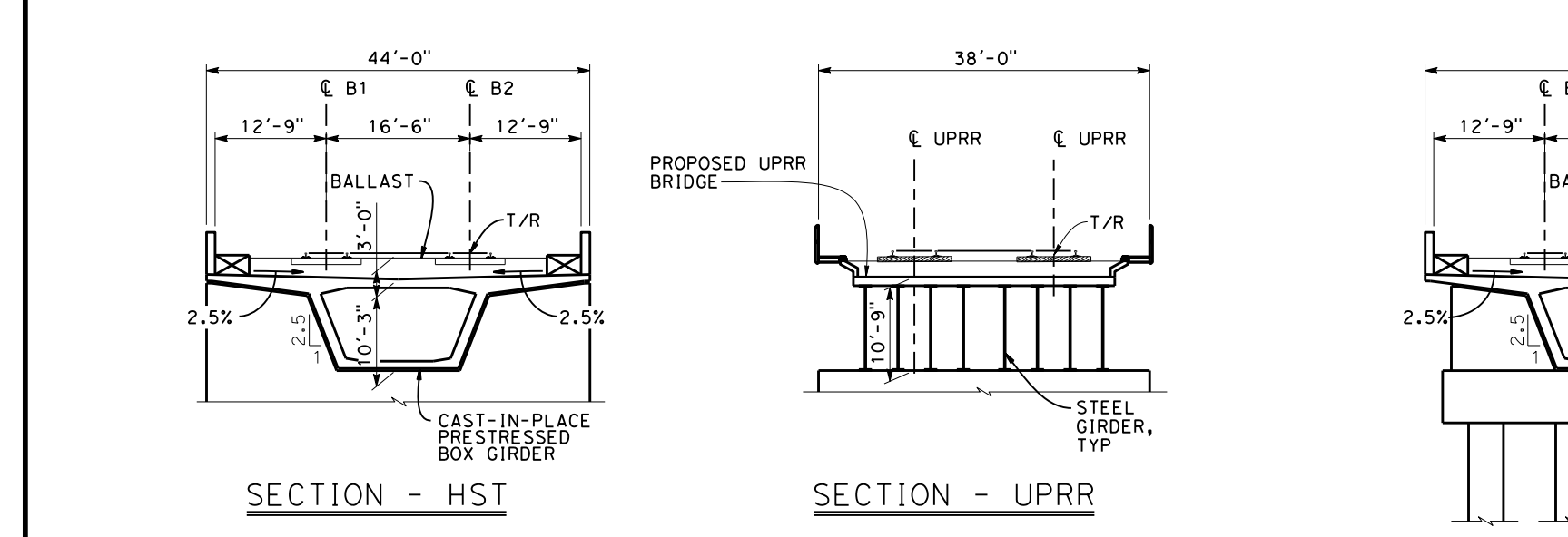
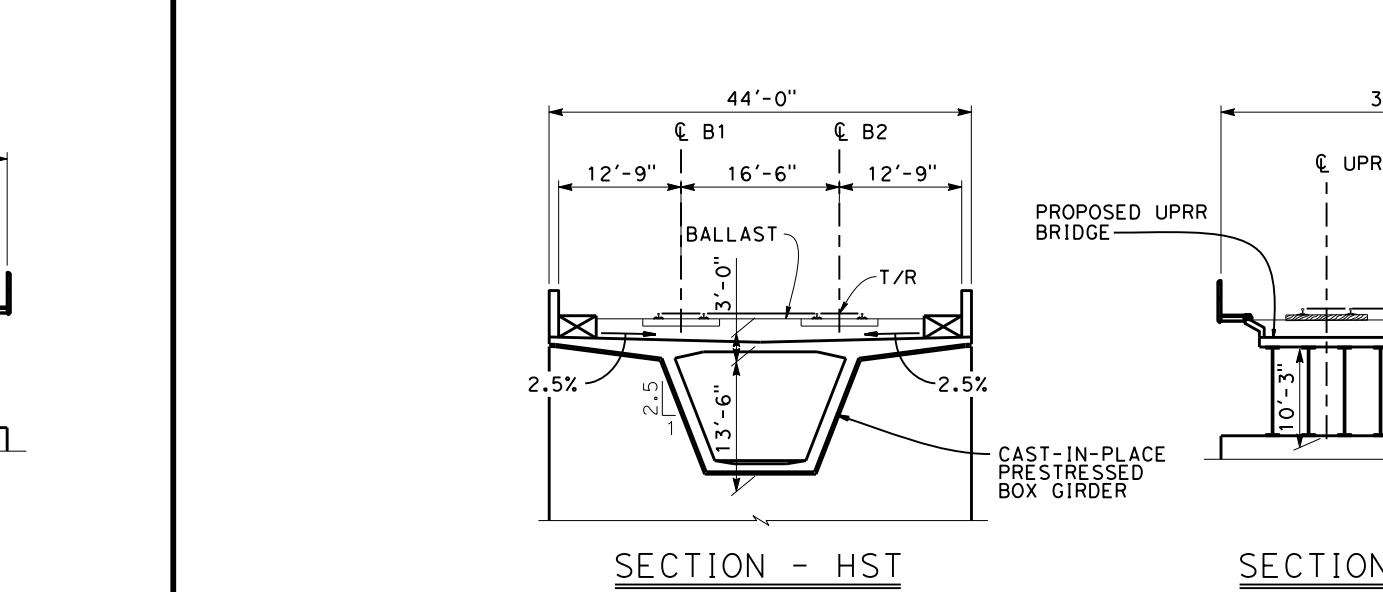
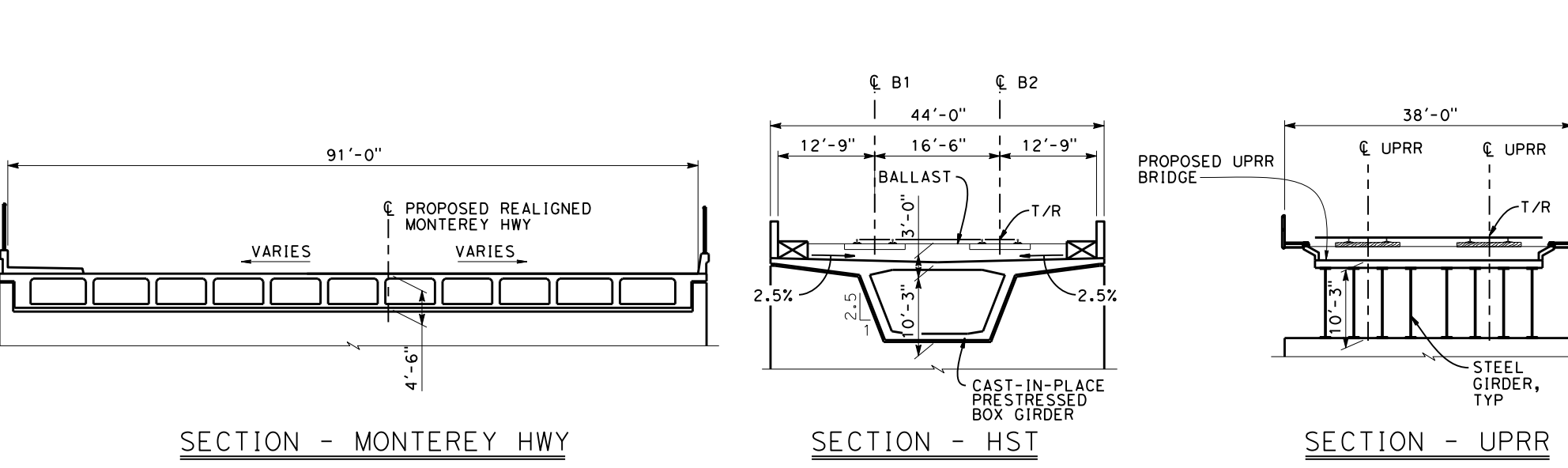
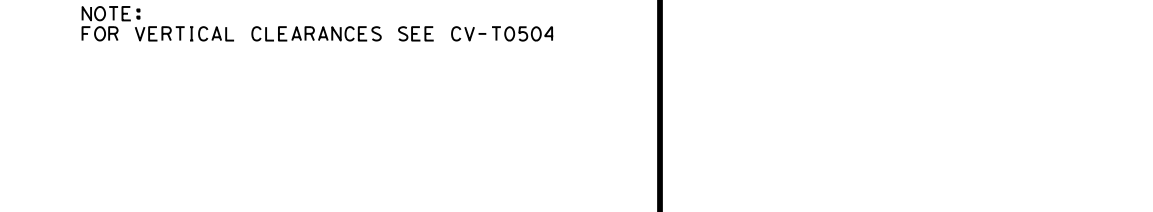
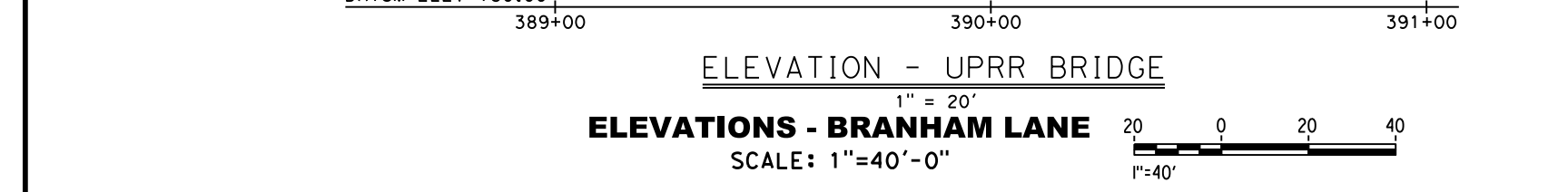
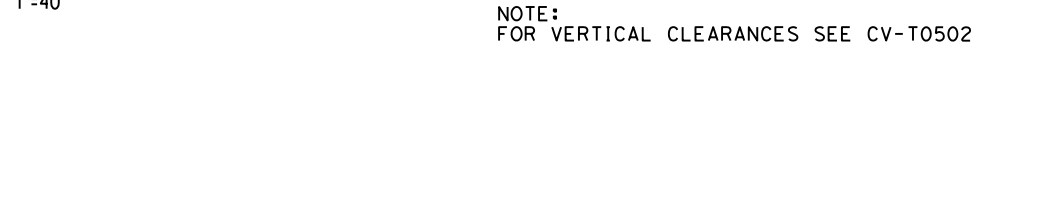
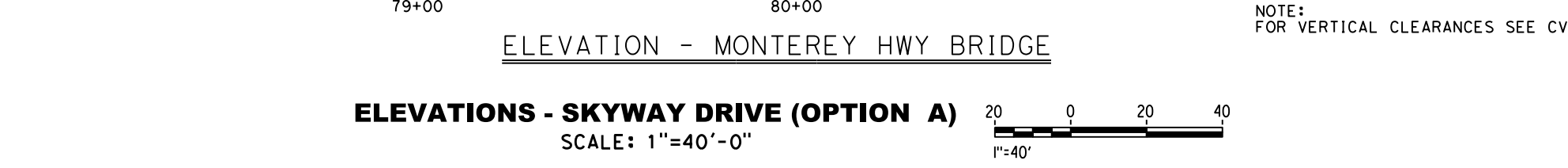
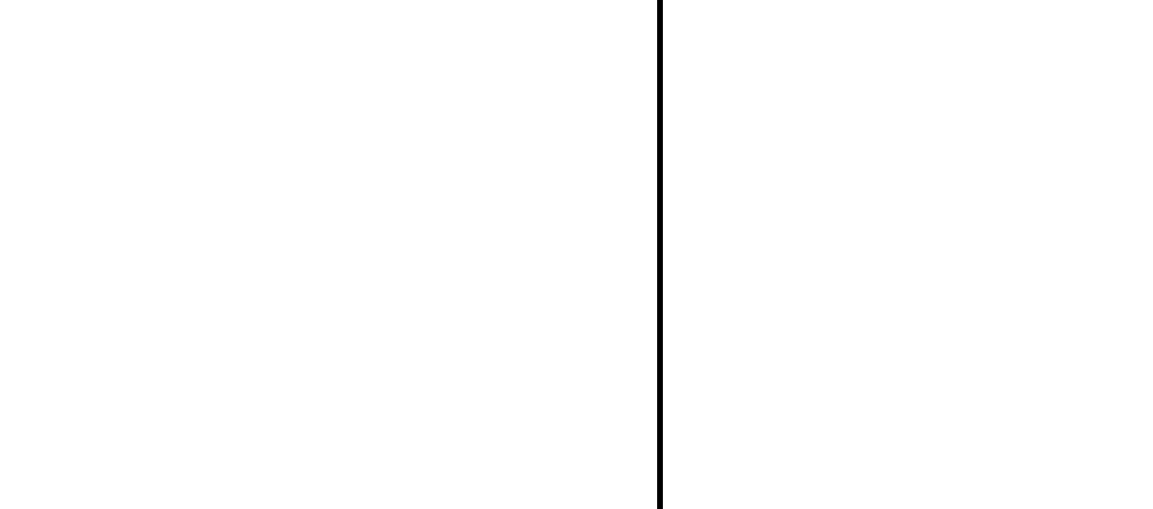
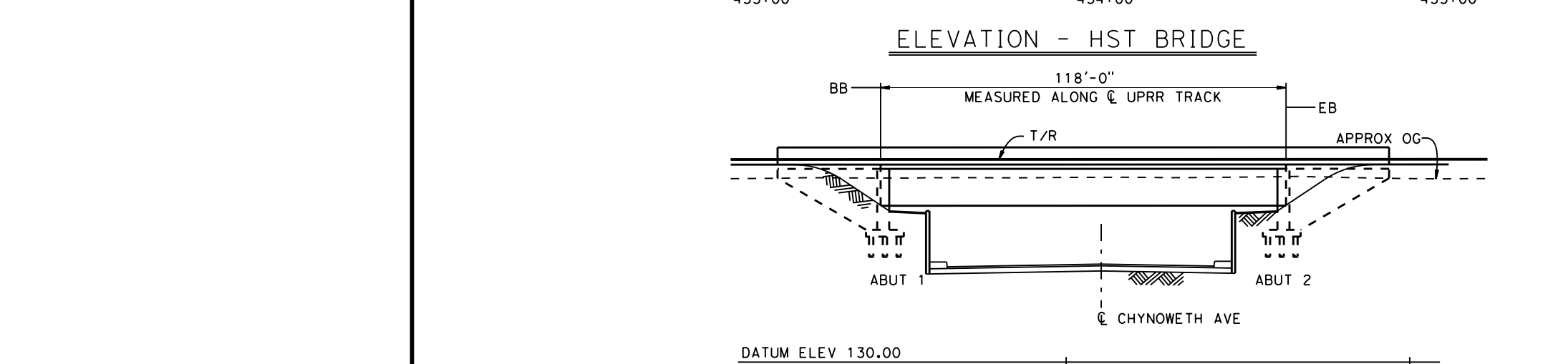
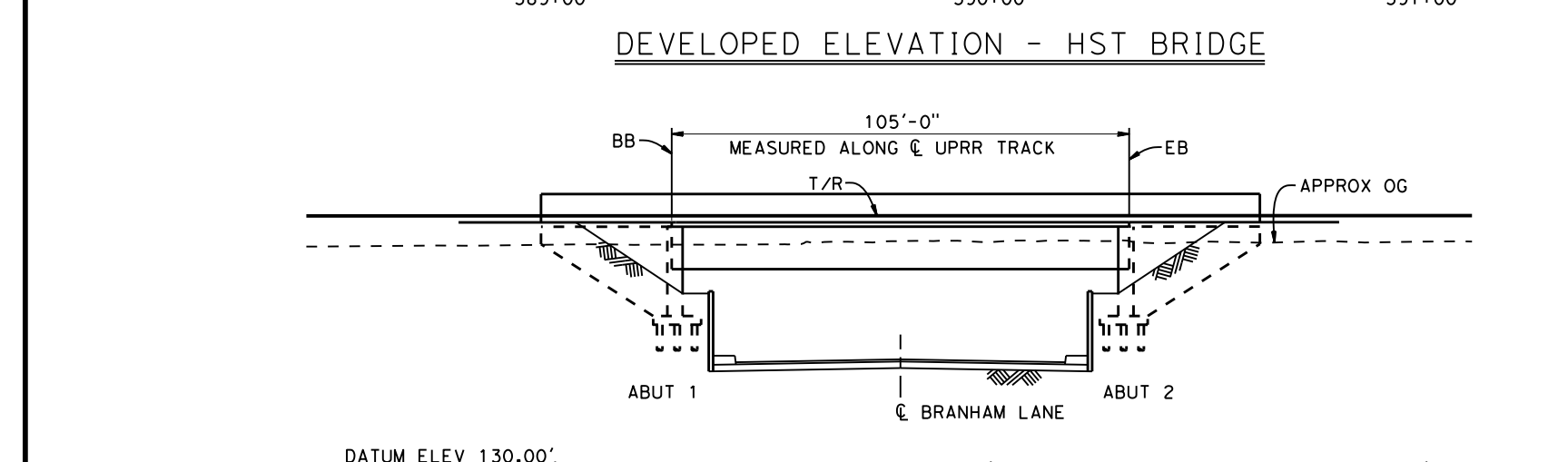
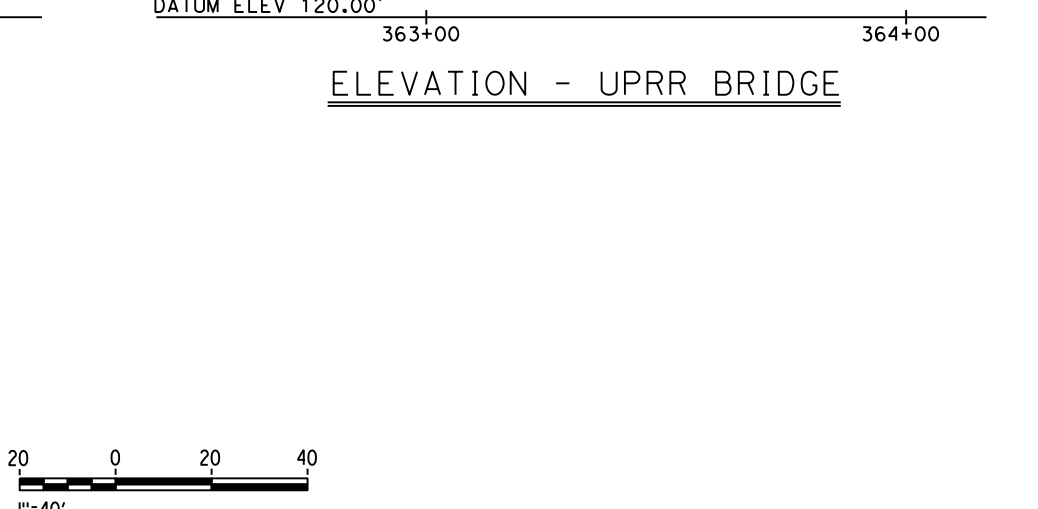
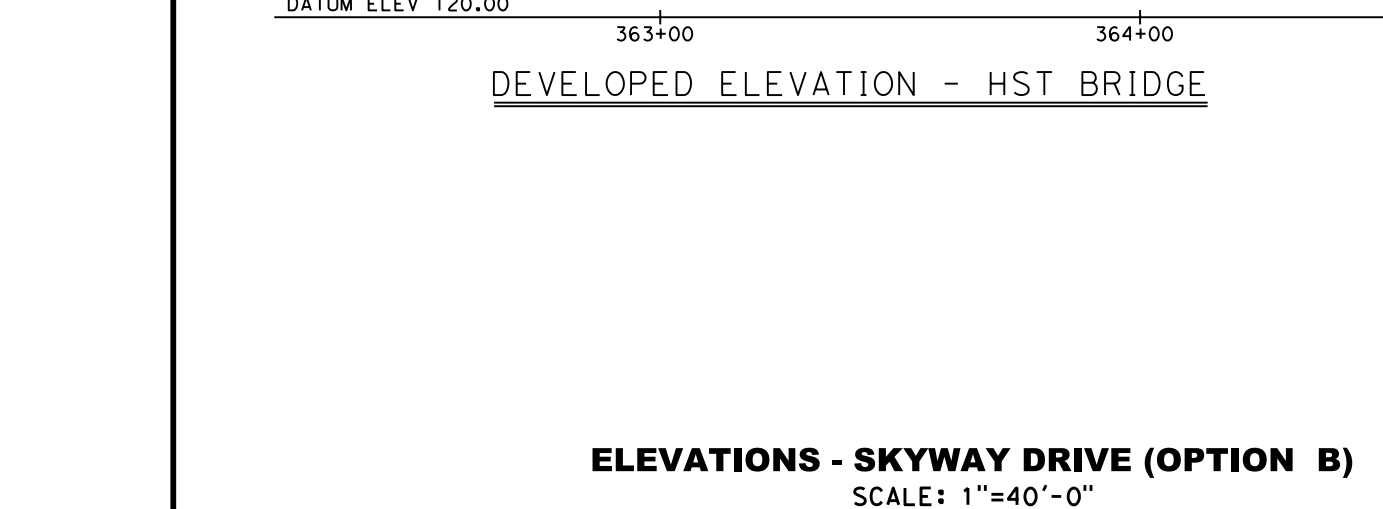
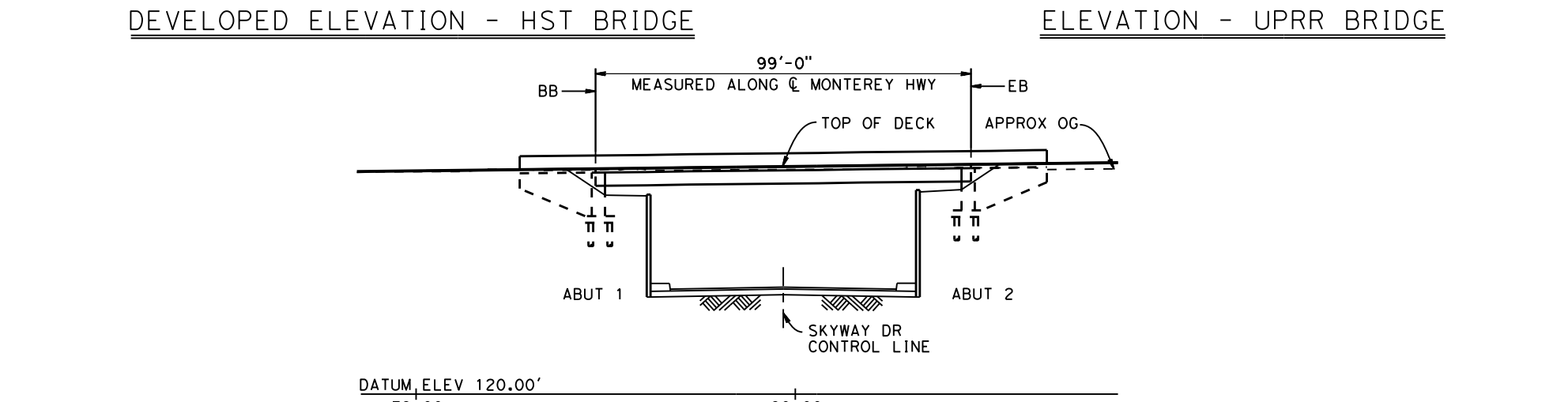
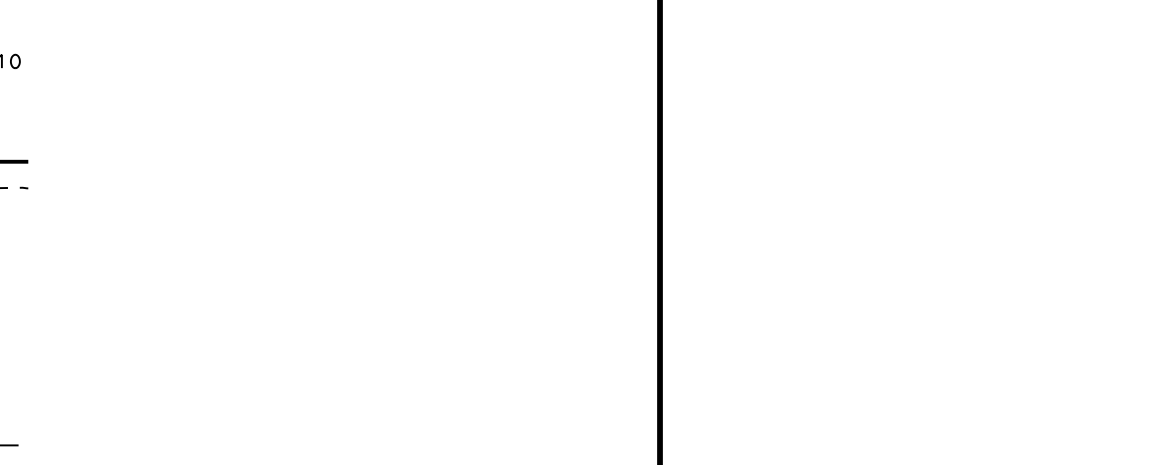
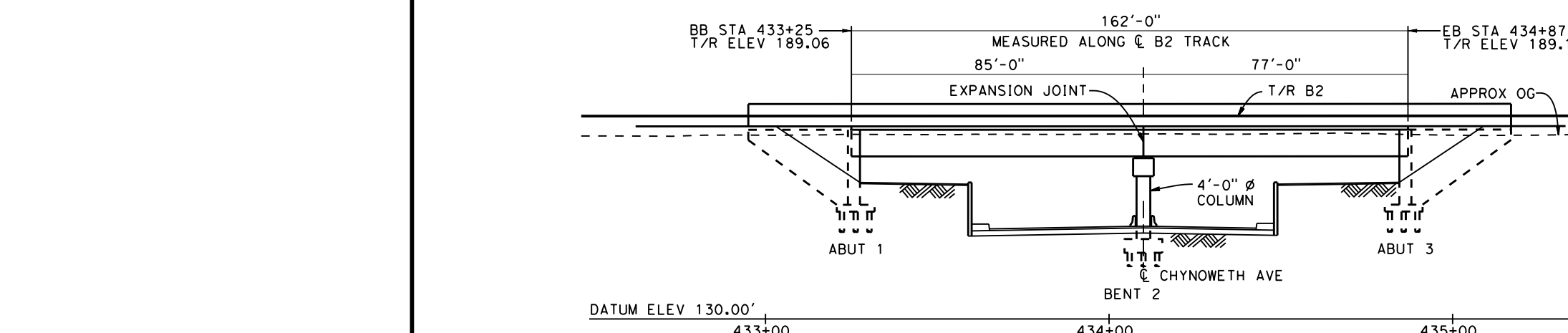
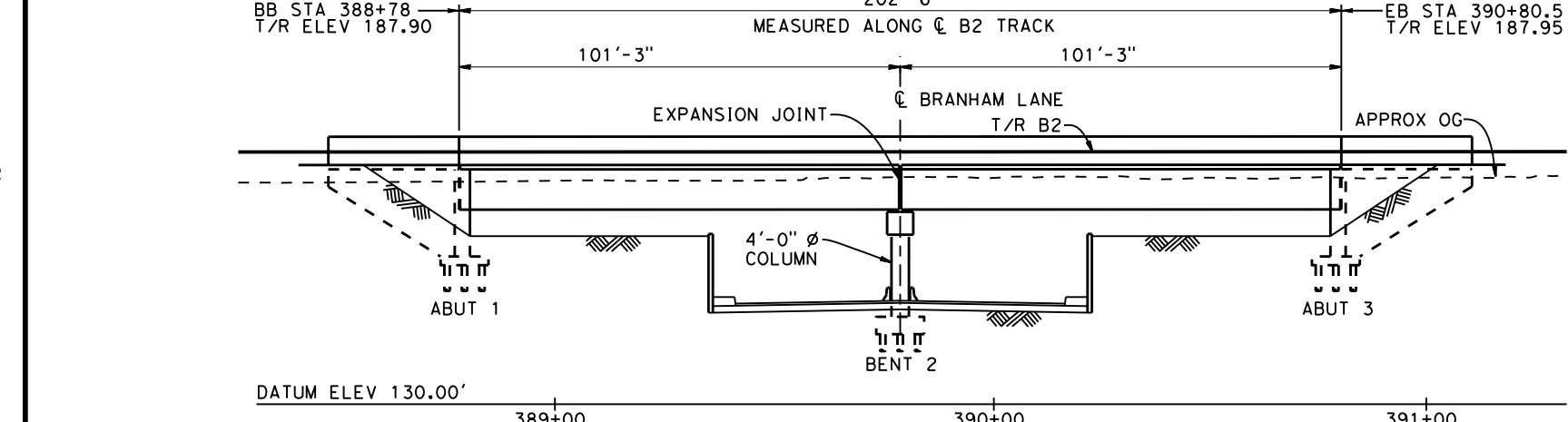
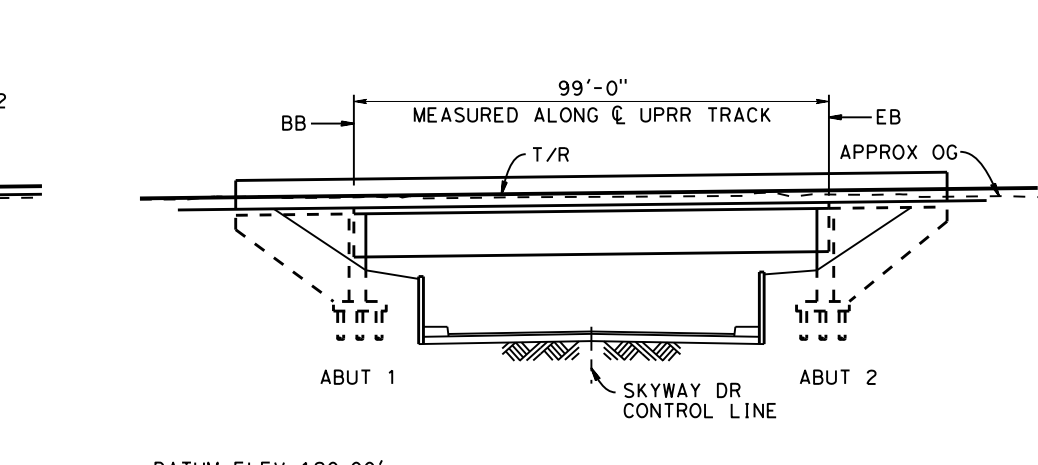
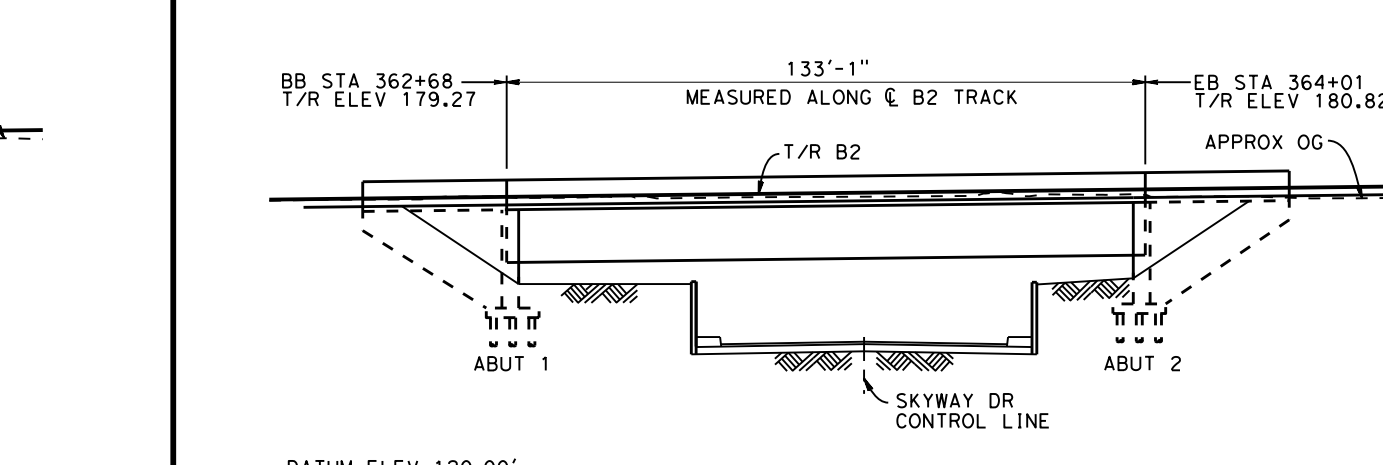
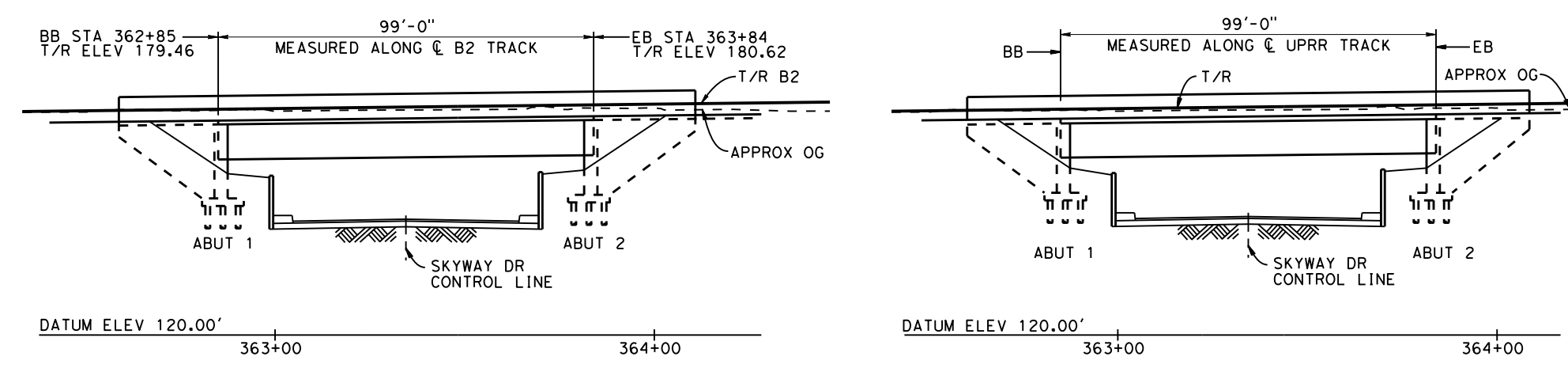
SECTION A
SCALE 1"=20'-0"



SECTION B
SCALE 1"=20'-0"

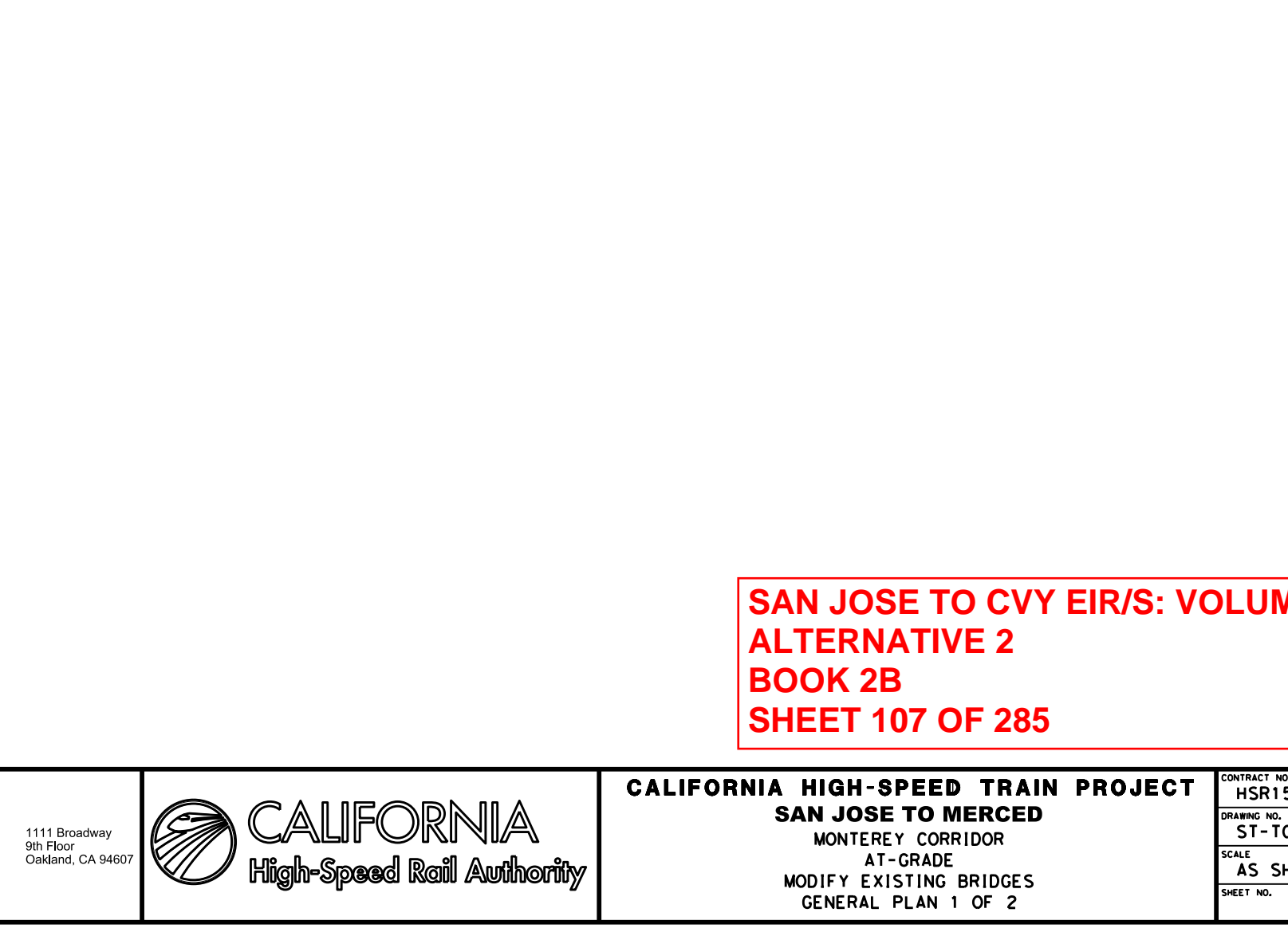
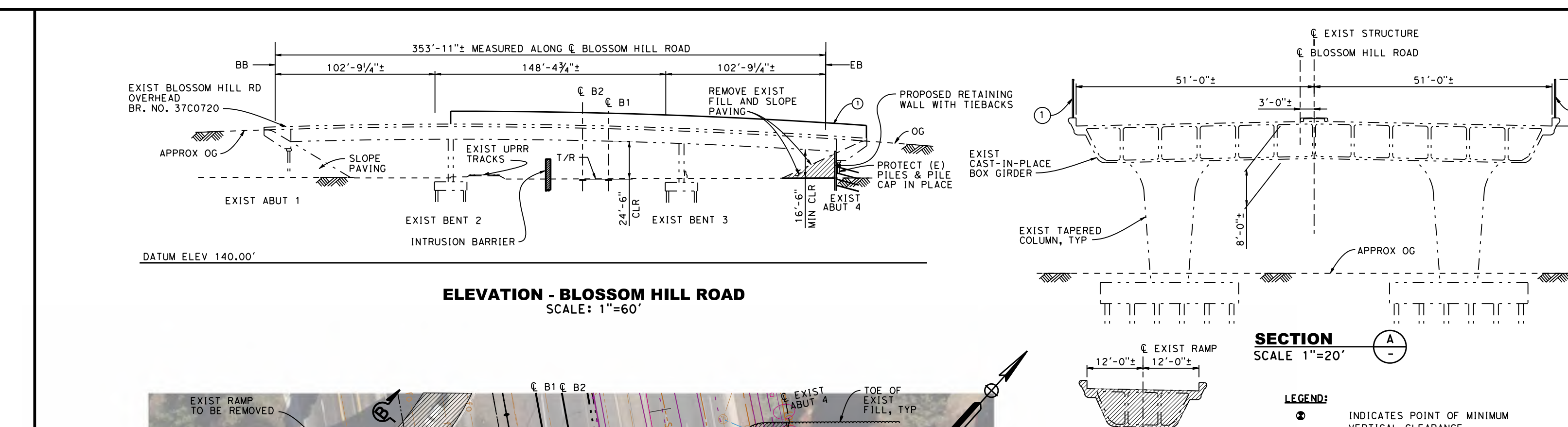
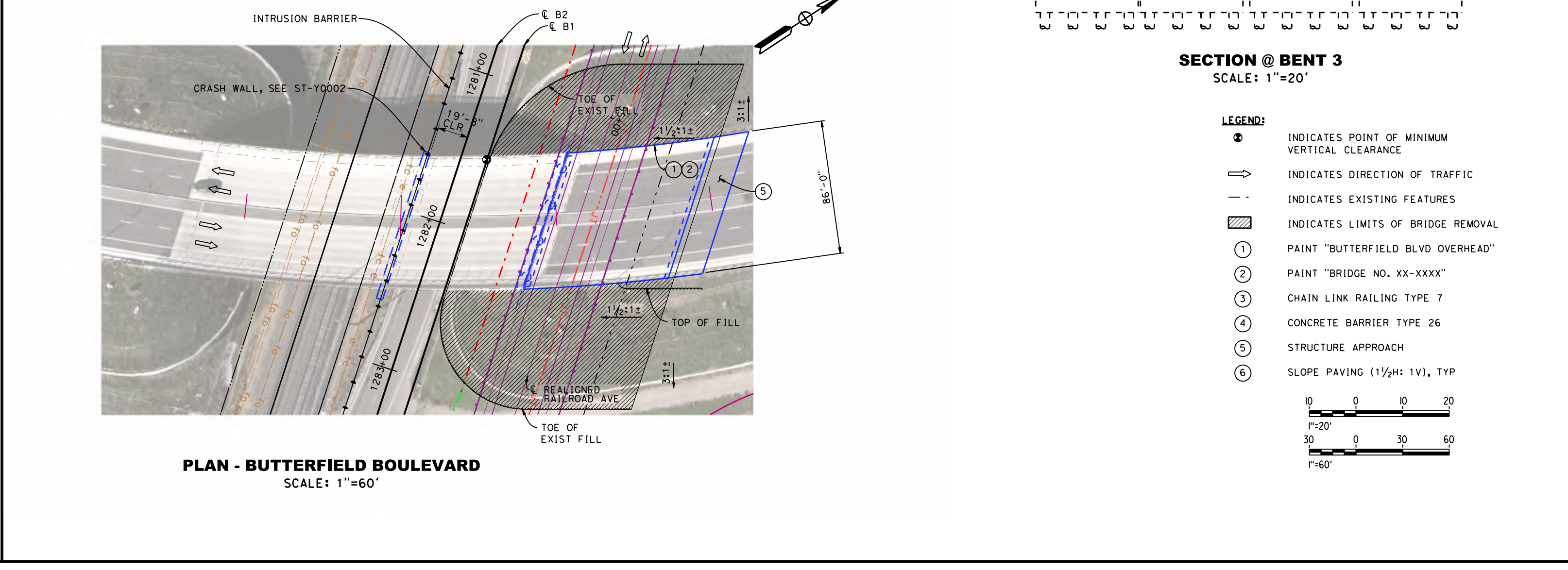
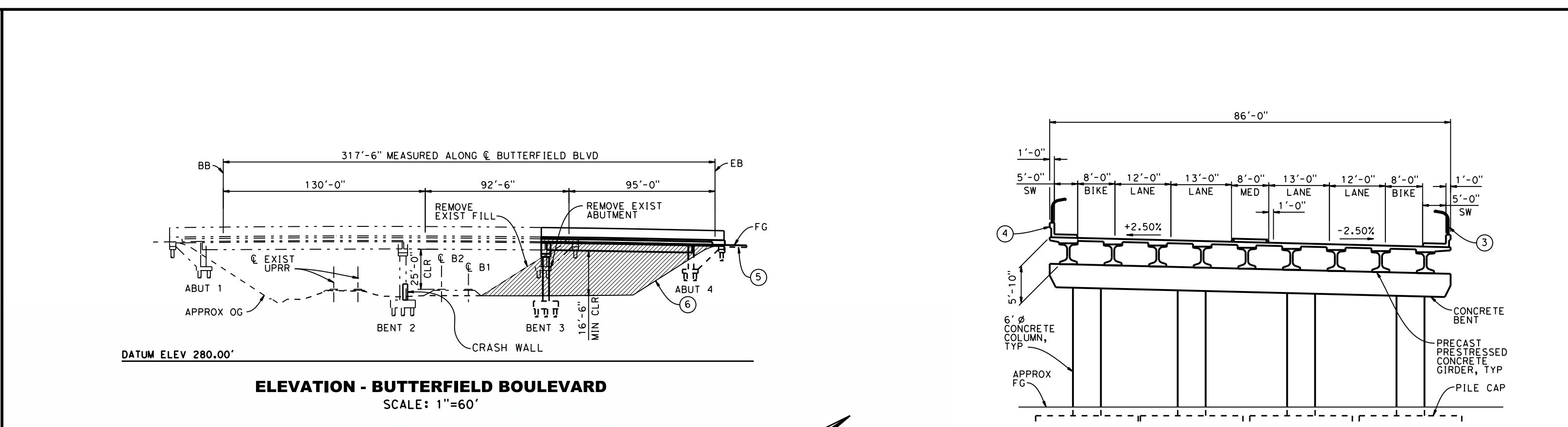
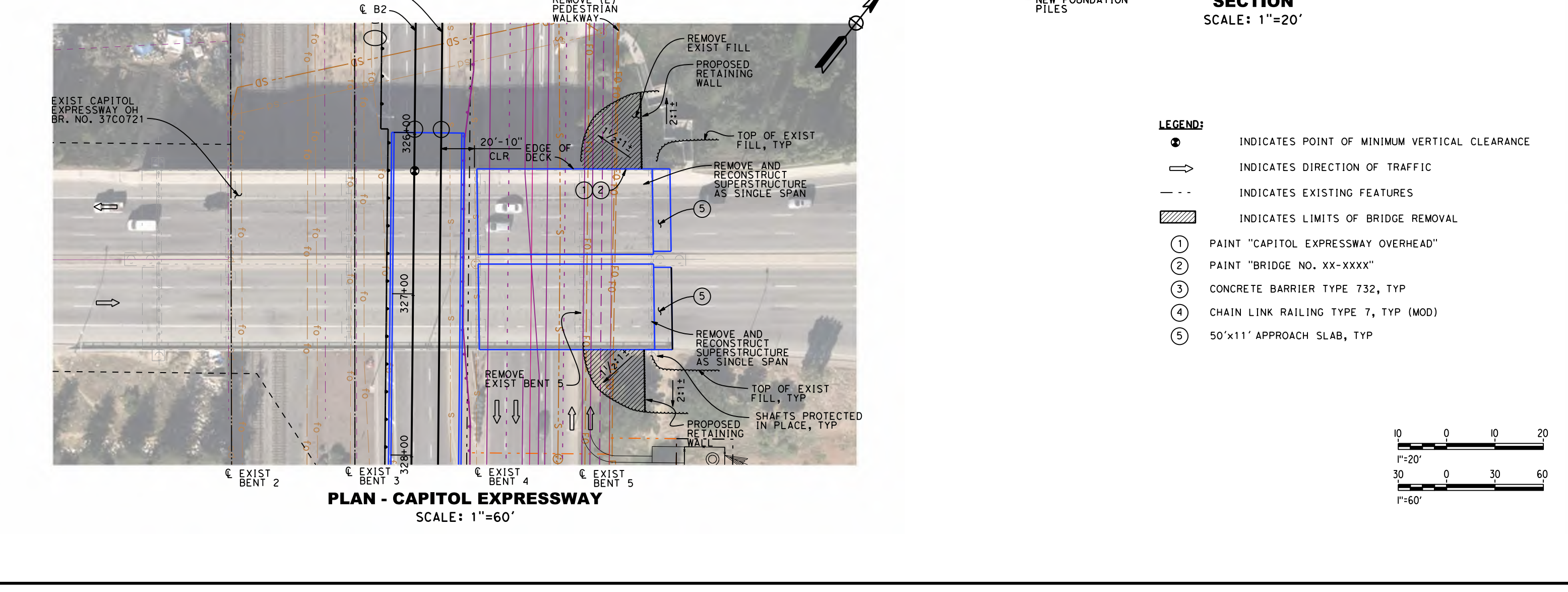
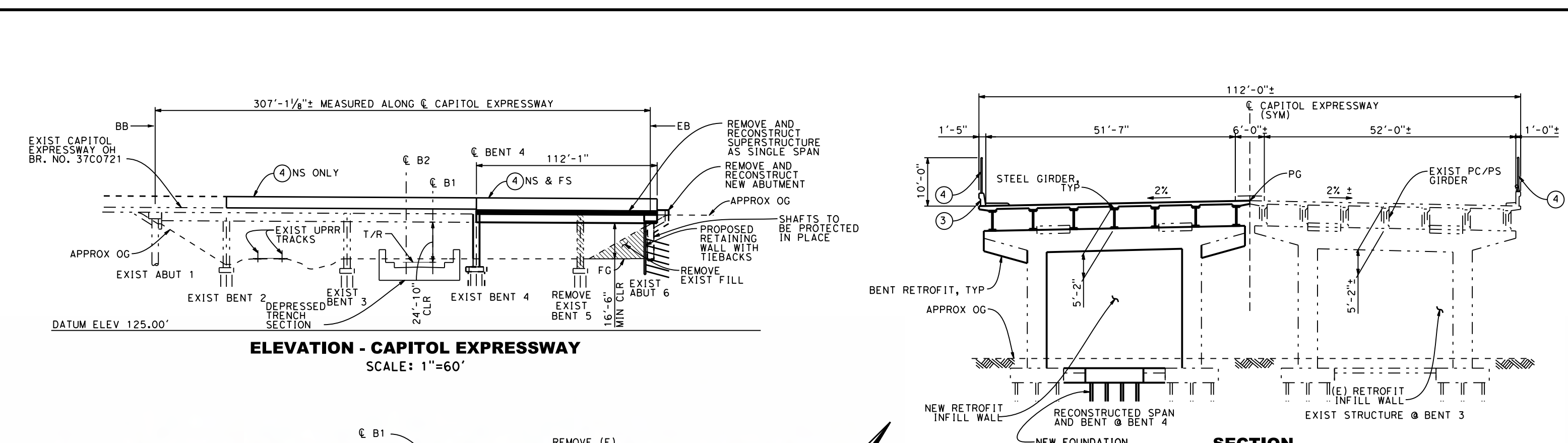
2021 RECORD SET PERP NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MONTEREY CORRIDOR AT-GRADE COMPLEX STRUCTURES GENERAL PLAN	CONTRACT NO. HSR15-34 DRAWING NO. ST-V0501 SCALE AS SHOWN SHEET NO.
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SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 105 OF 285



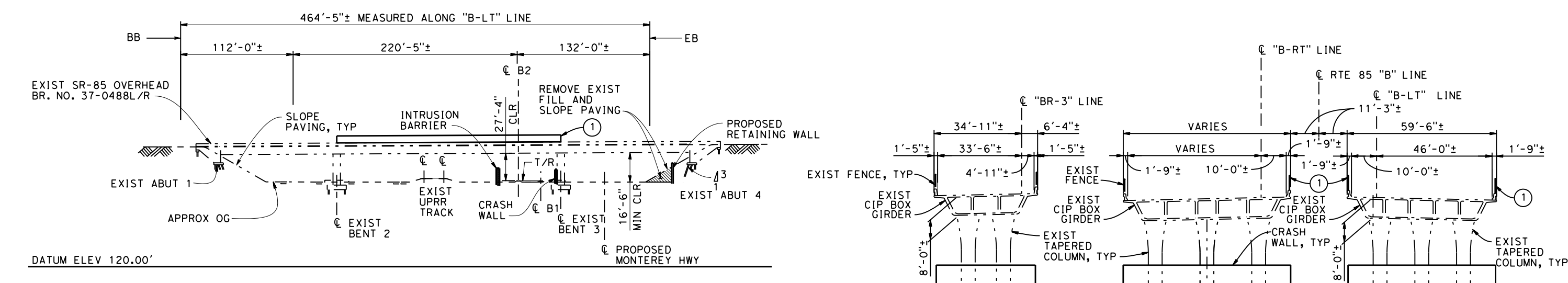
**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 106 OF 285**

2021 RECORD SET PEPD NOVEMBER 30, 2021 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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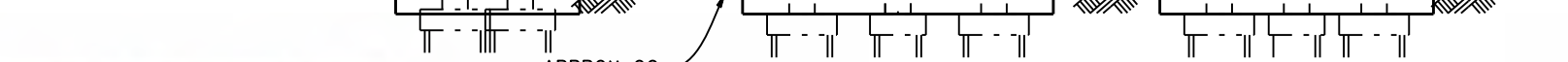


**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 107 OF 285**

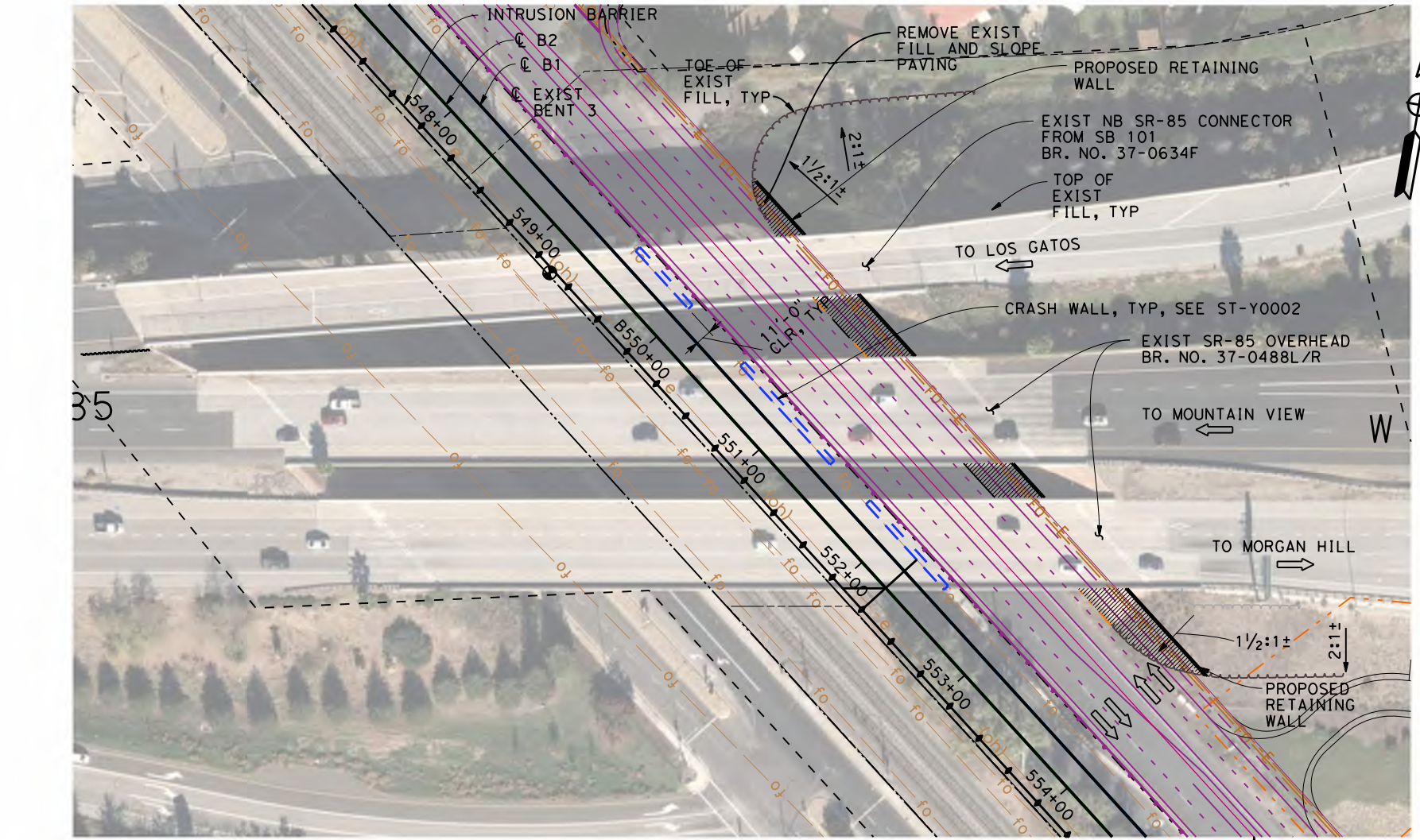
2021 RECORD SET P&P NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MONTEREY CORRIDOR AT-GRADE MODIFY EXISTING BRIDGES GENERAL PLAN 1 OF 2	CONTRACT NO. HSR15-34 DRAWING NO. ST-T0502 SCALE AS SHOWN SHEET NO.
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ELEVATION - STATE ROUTE 85
SCALE: 1"=100'



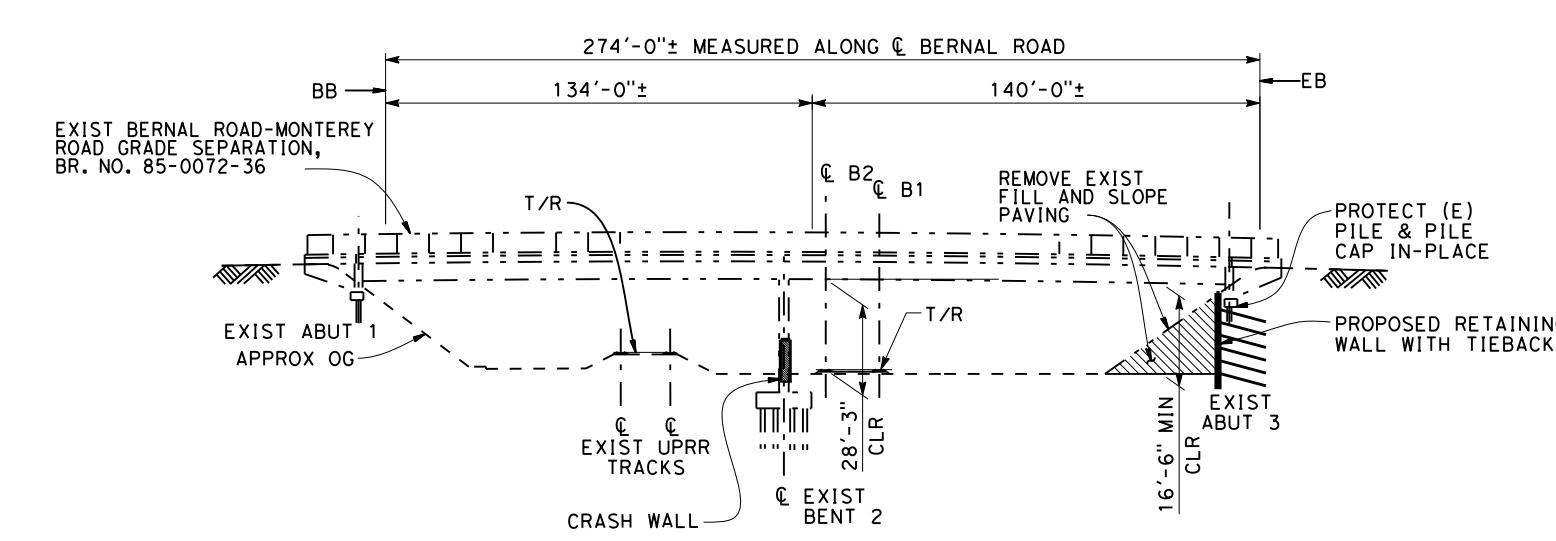
TYPICAL SECTION
SCALE: 1"=40'



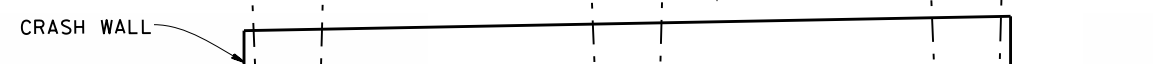
PLAN - STATE ROUTE 85
SCALE: 1"=100'

LEGEND:

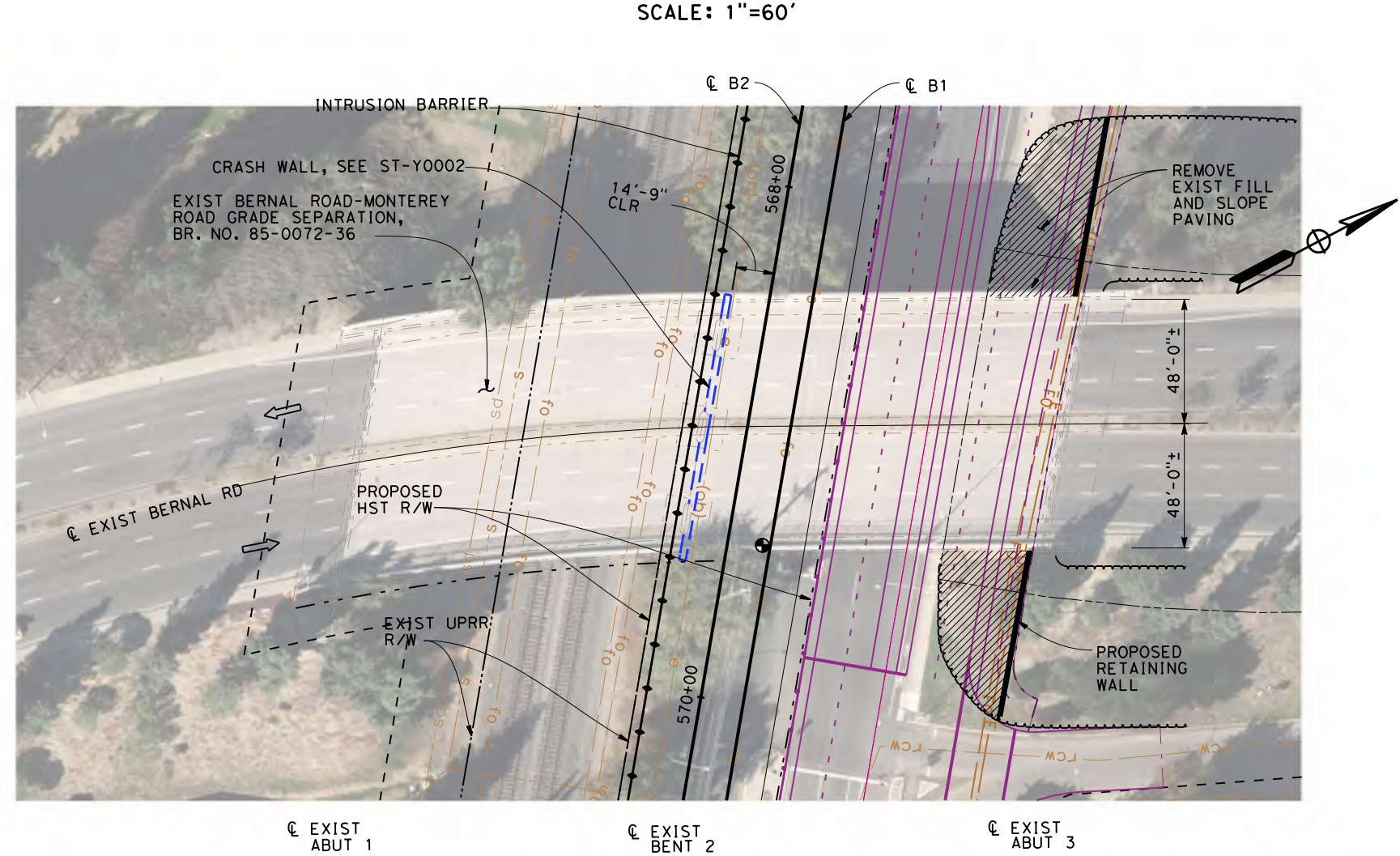
- ⊙ INDICATES POINT OF MINIMUM VERTICAL CLEARANCE.
- INDICATES DIRECTION OF TRAFFIC.
- - - INDICATES EXISTING FEATURES.
- ▨ INDICATES LIMITS OF BRIDGE REMOVAL.
- ① CHAIN LINK RAILING TYPE 7, TYP (MOD)



ELEVATION - BERNAL ROAD
SCALE: 1"=60'



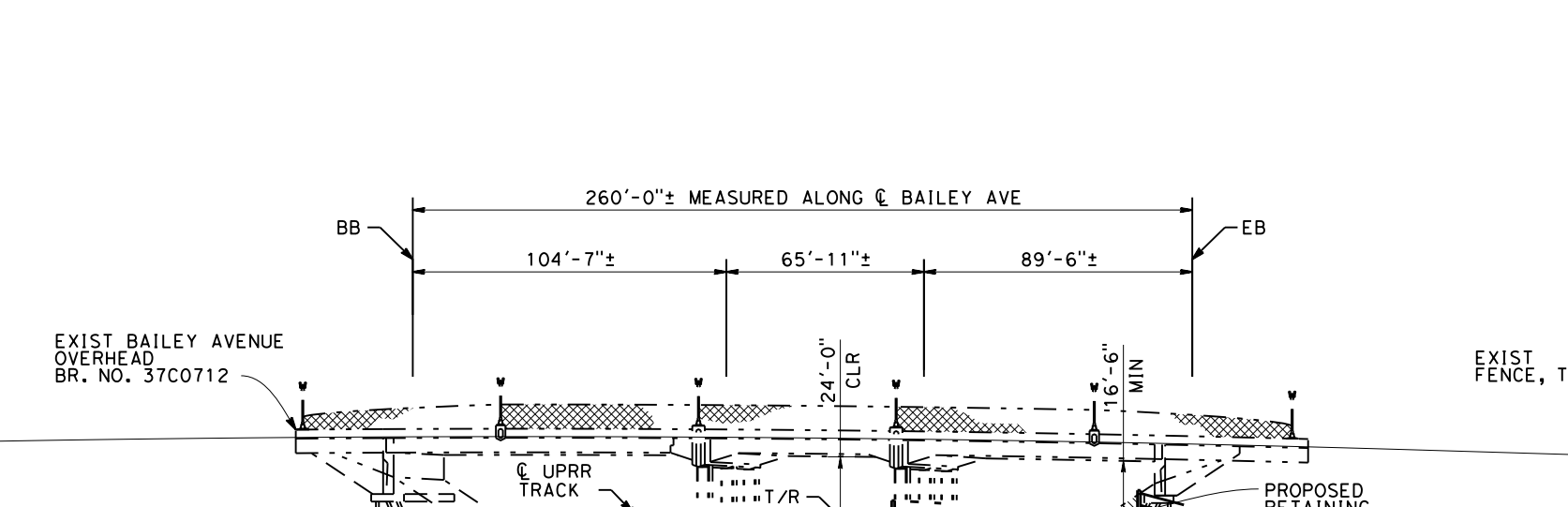
TYPICAL SECTION
SCALE: 1"=20'



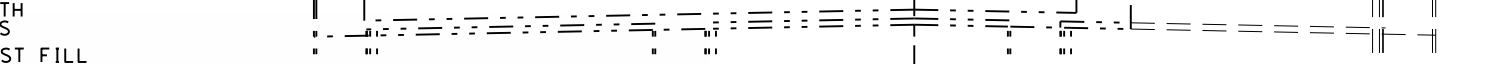
PLAN - BERNAL ROAD
SCALE: 1"=60'

LEGEND:

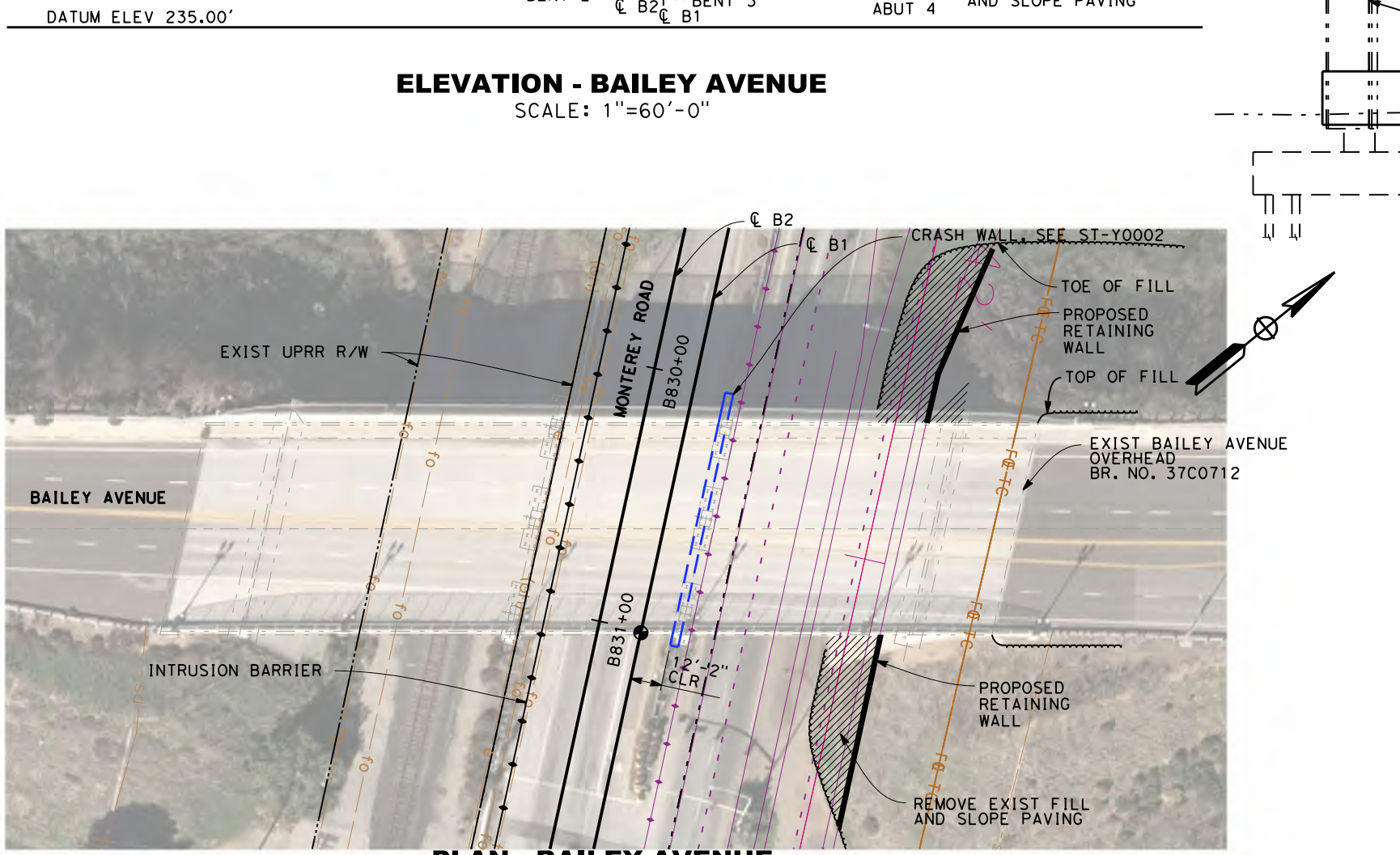
- ⊙ INDICATES POINT OF MINIMUM VERTICAL CLEARANCE.
- INDICATES DIRECTION OF TRAFFIC.
- - - INDICATES EXISTING FEATURES.
- ▨ INDICATES LIMITS OF BRIDGE REMOVAL.



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



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



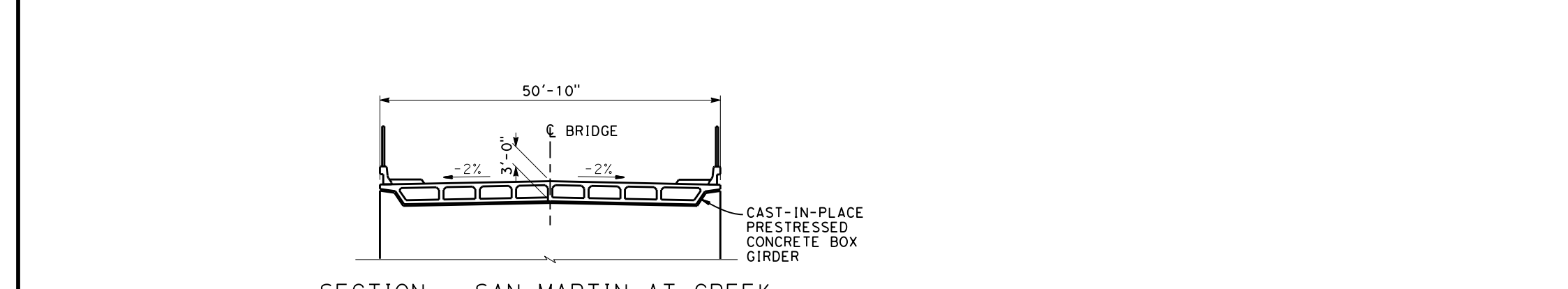
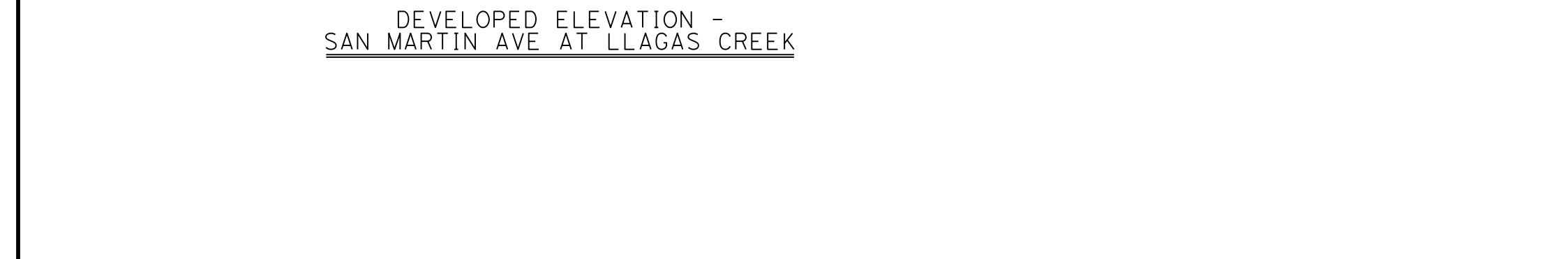
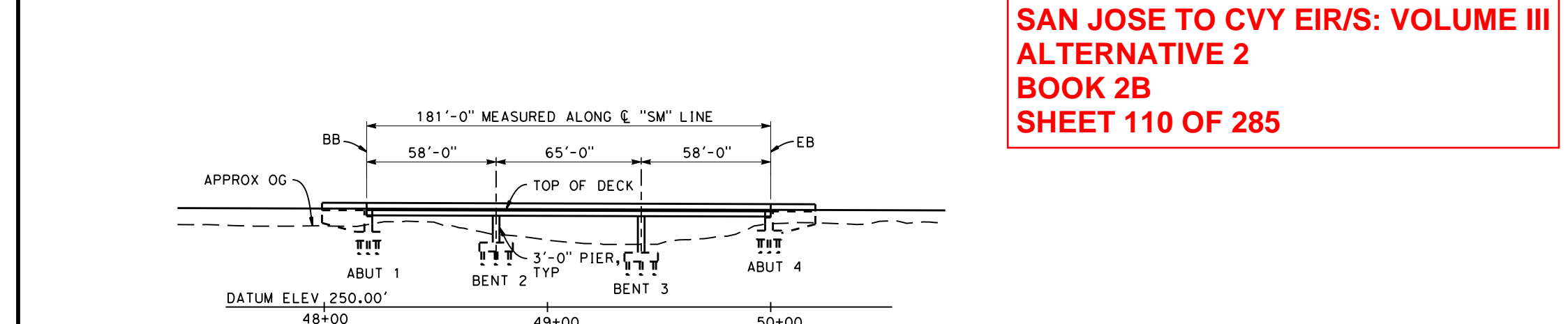
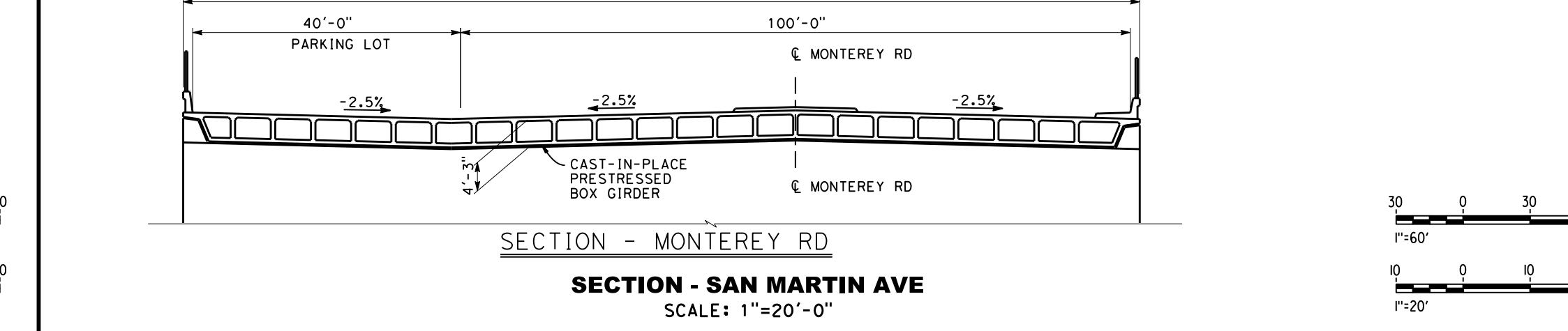
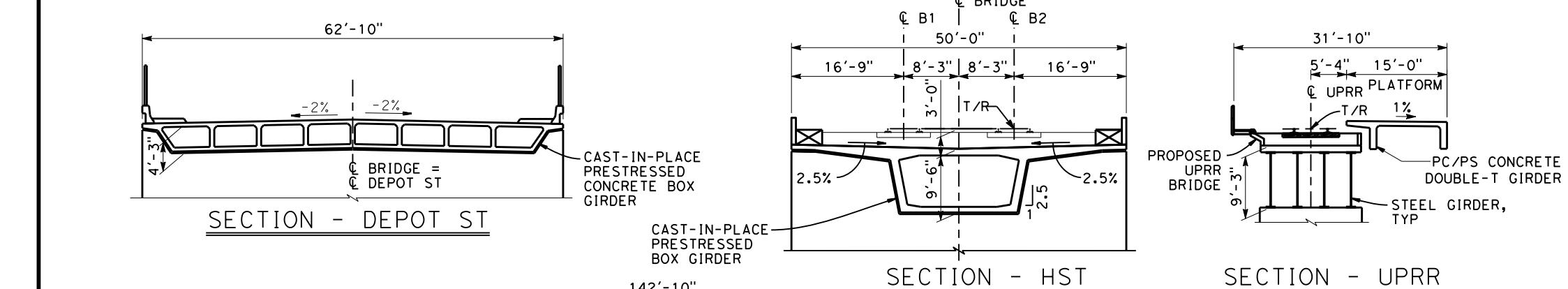
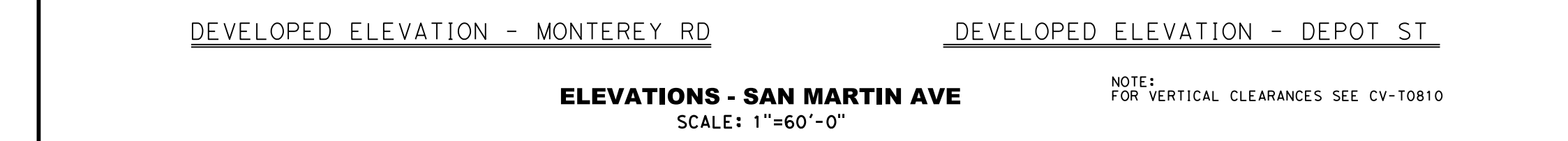
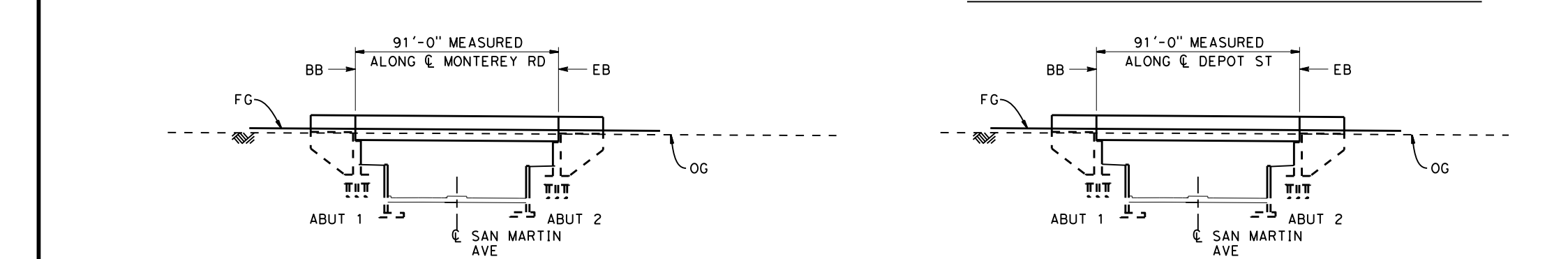
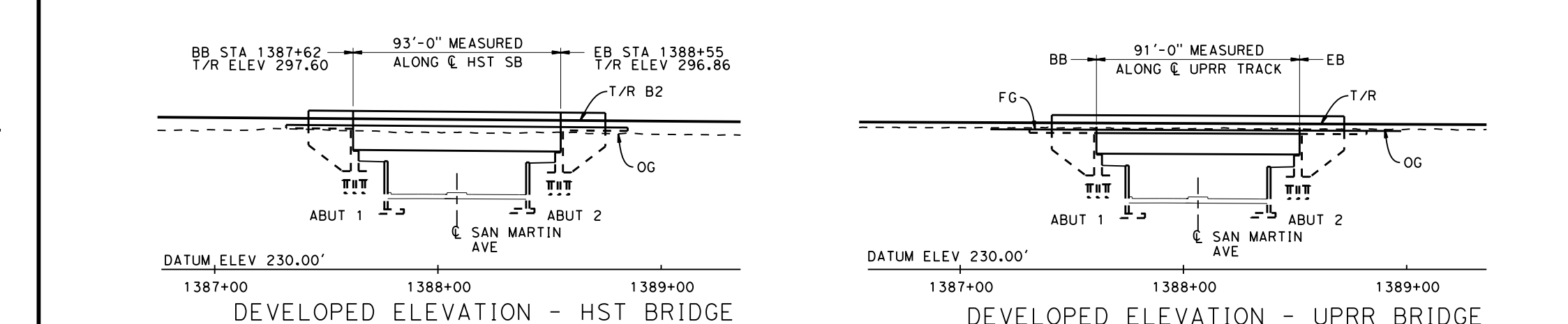
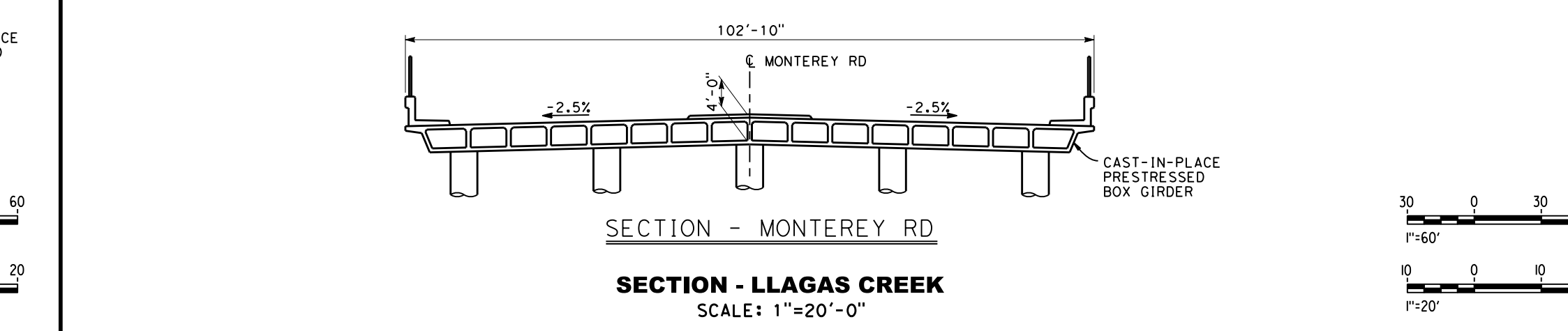
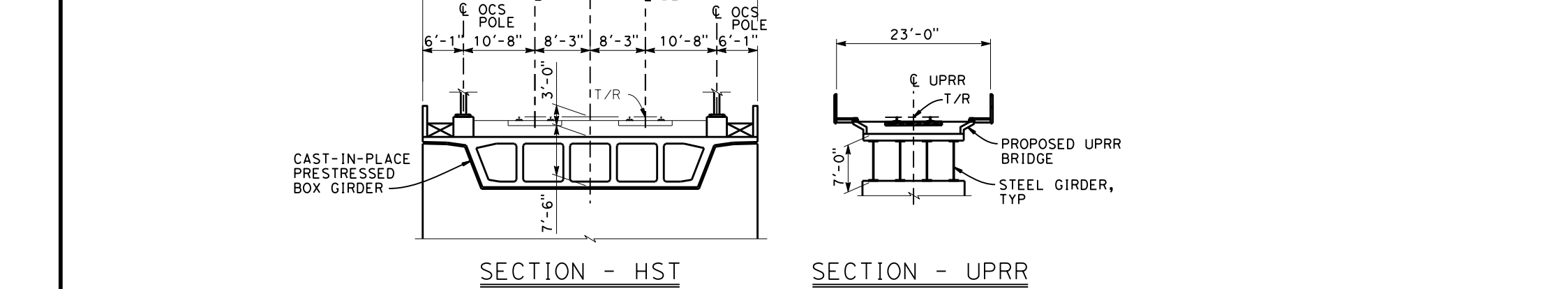
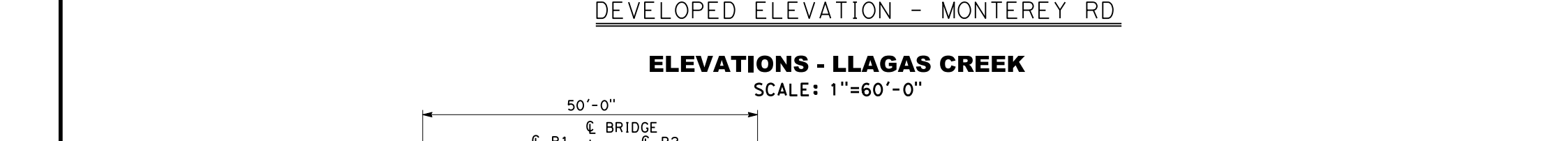
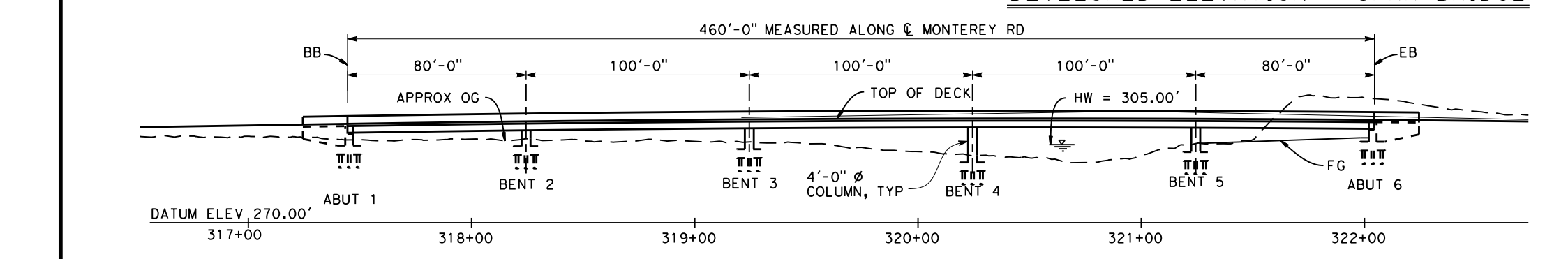
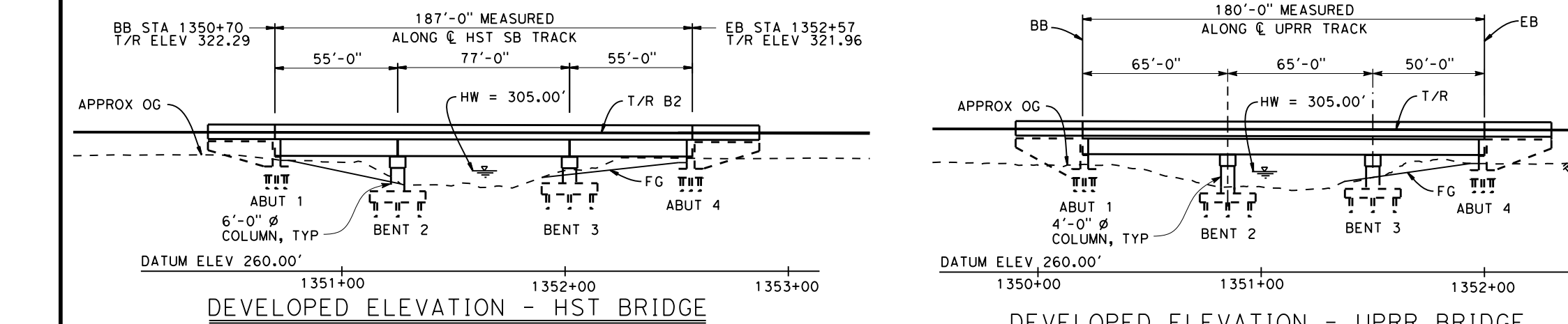
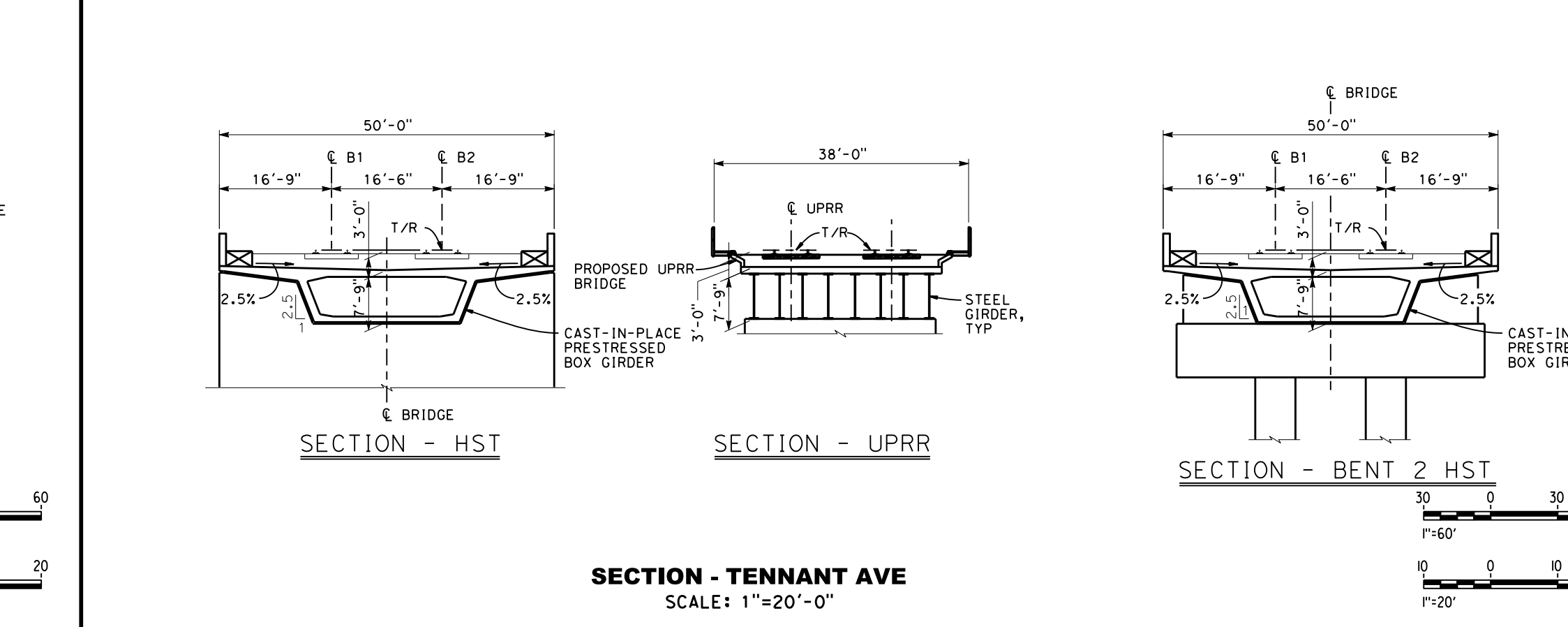
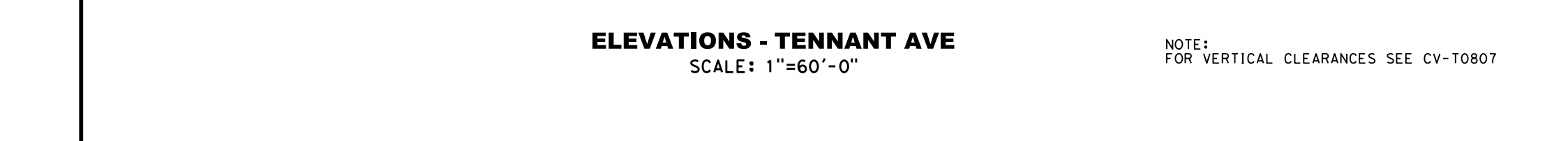
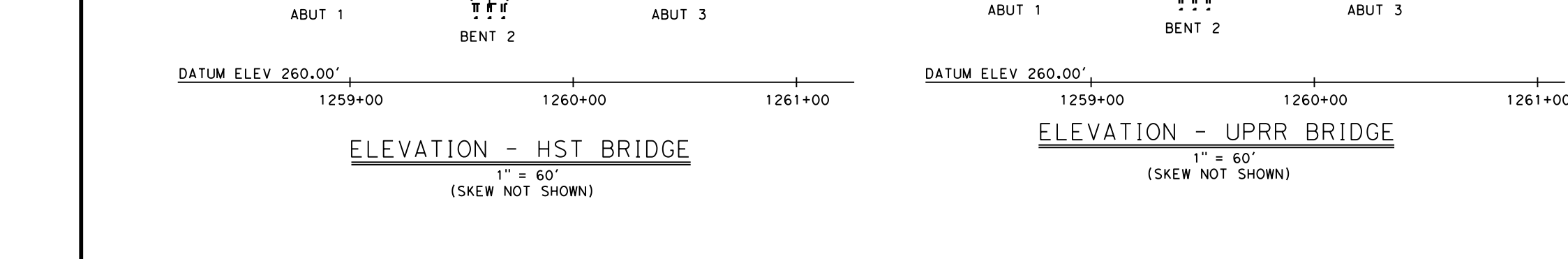
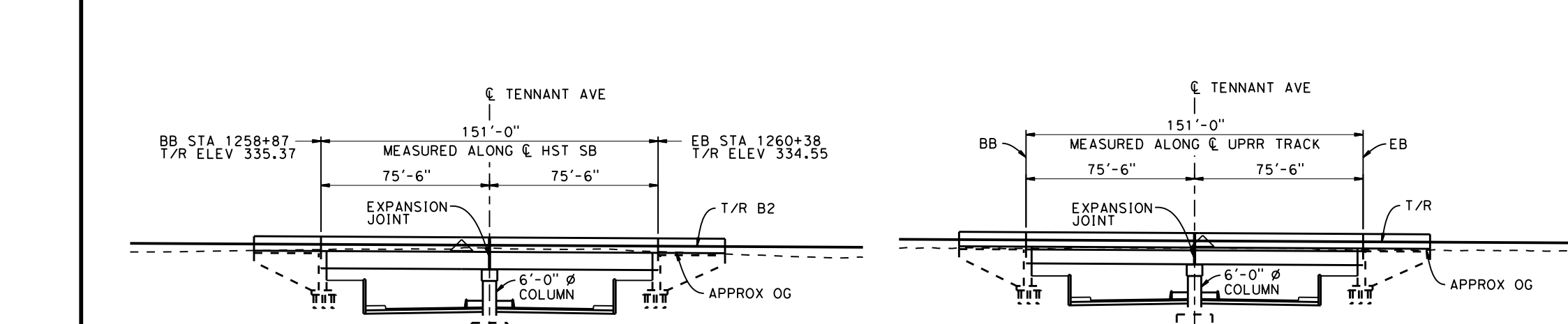
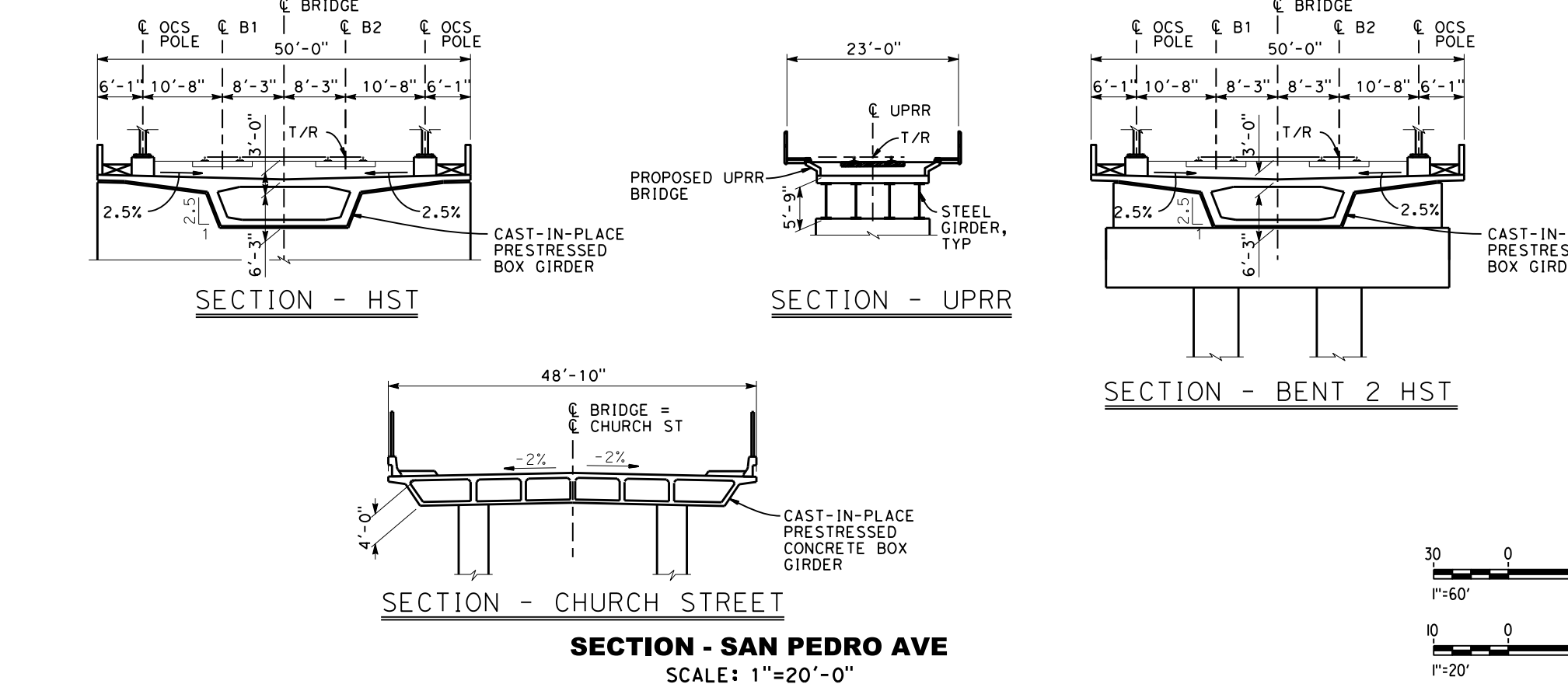
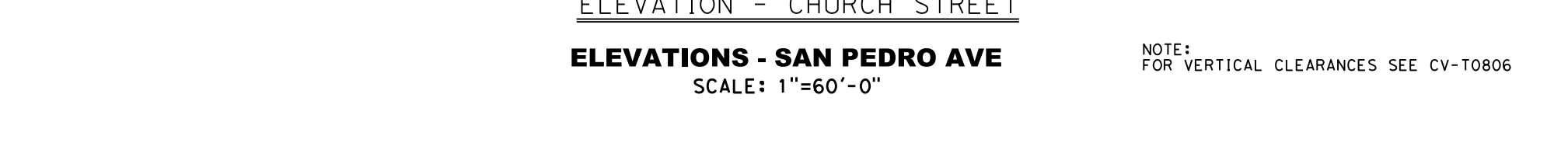
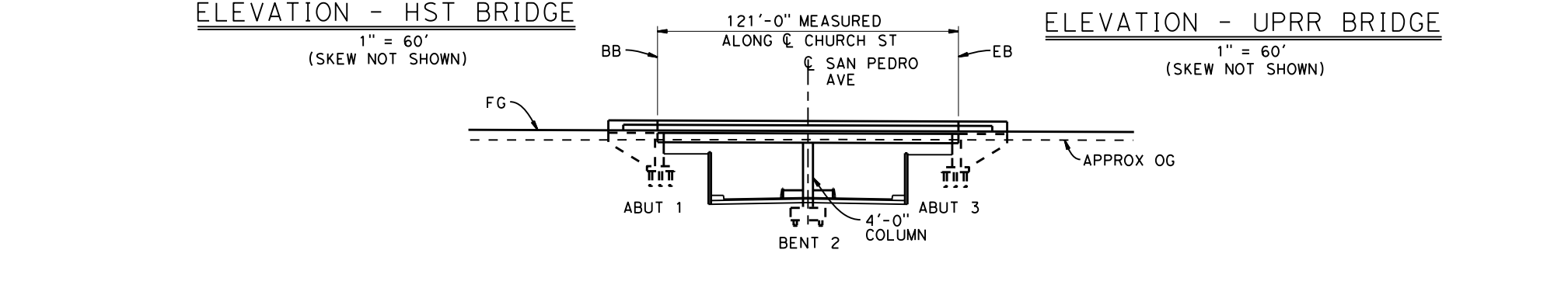
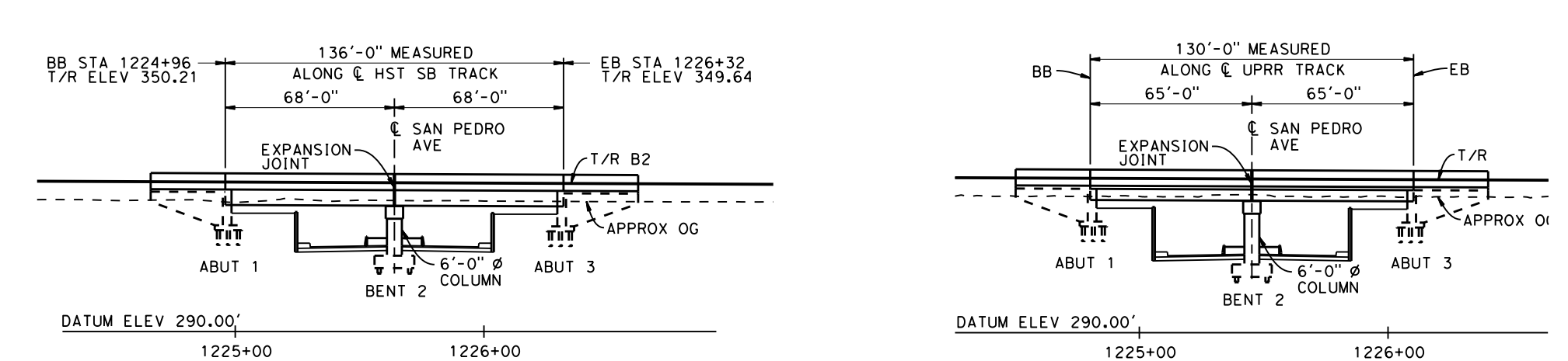
PLAN - BAILEY AVENUE
SCALE: 1"=60'-0"

LEGEND:

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

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 108 OF 285

2021 RECORD SET P&P NOVEMBER 30, 2021 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 2 OF 2	CONTRACT NO. HSR15-34 DRAWING NO. ST-T0503 SCALE AS SHOWN SHEET NO.
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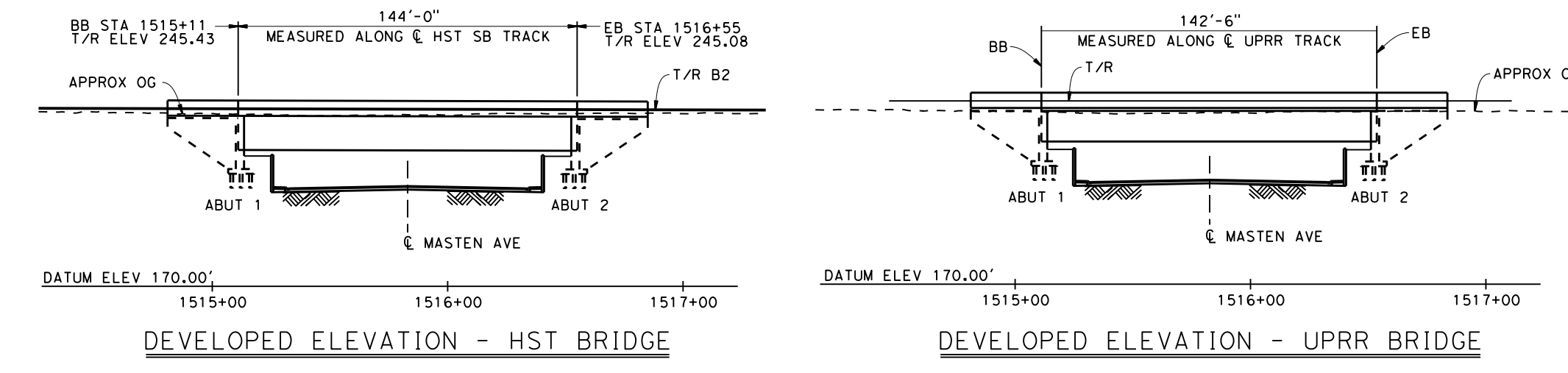
2021 RECORD SET P&P
 NOVEMBER 30, 2021
 NOT FOR CONSTRUCTION

HNTB
 1111 Broadway
 9th Floor
 Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

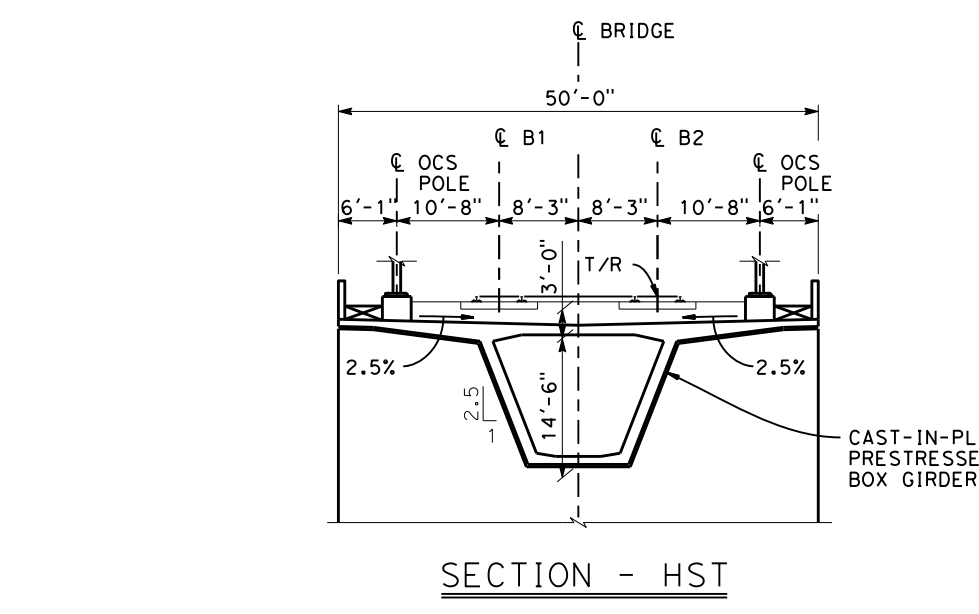
CALIFORNIA HIGH-SPEED TRAIN PROJECT
 SAN JOSE TO MERCED
 MORGAN HILL AND GILROY
 EMBANKMENT TO DOWNTOWN GILROY
 UNDERPASSES
 GENERAL PLAN 2 OF 2

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

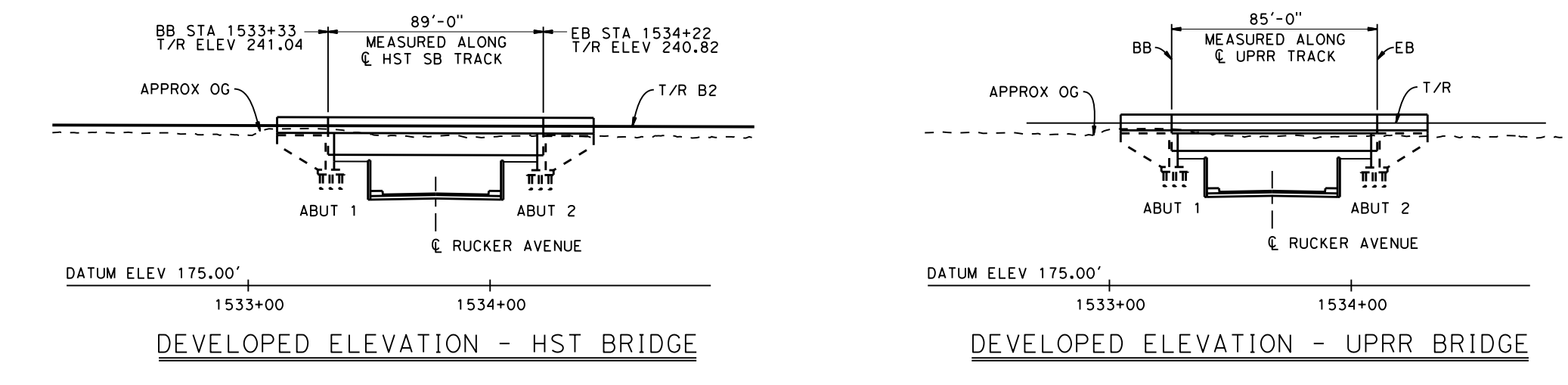
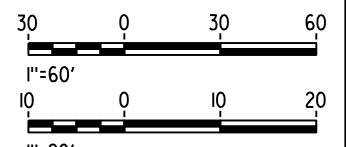


ELEVATIONS - MASTEN AVE
 SCALE: 1"=60'-0"

NOTE:
 FOR VERTICAL CLEARANCES SEE CV-T1002

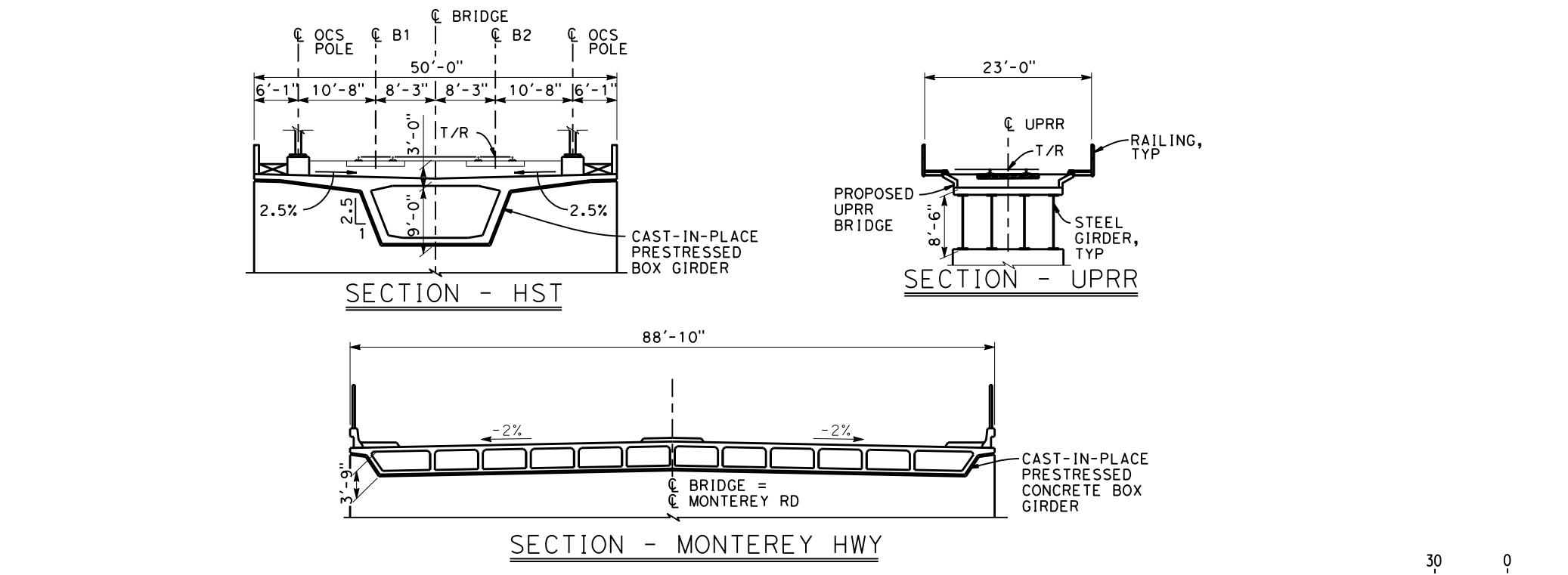


SECTION - MASTEN AVE
 SCALE: 1"=20'-0"

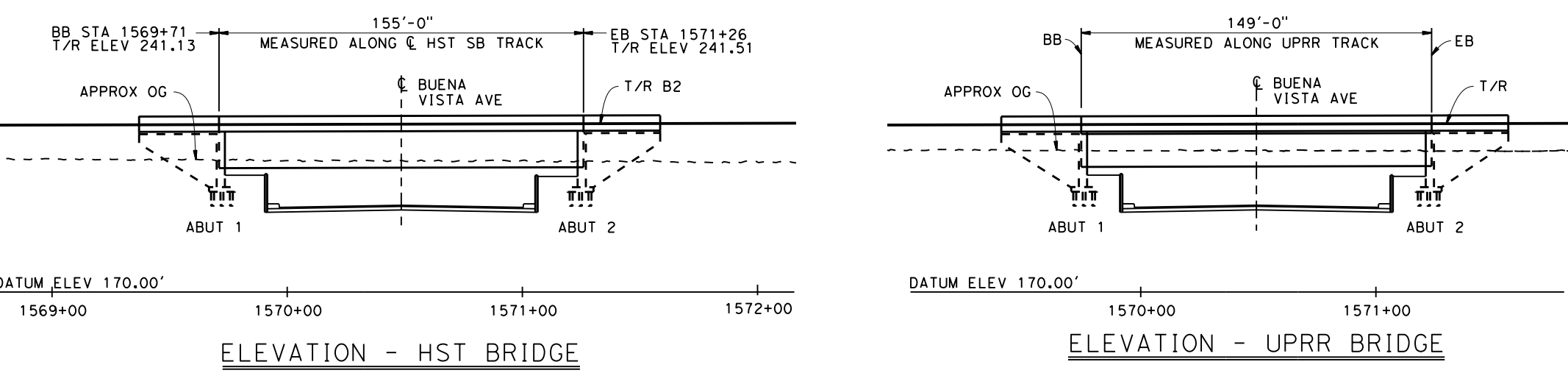
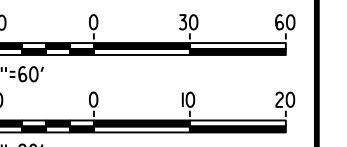


ELEVATIONS - RUCKER AVE
 SCALE: 1"=60'-0"

NOTE:
 FOR VERTICAL CLEARANCES SEE CV-T1003

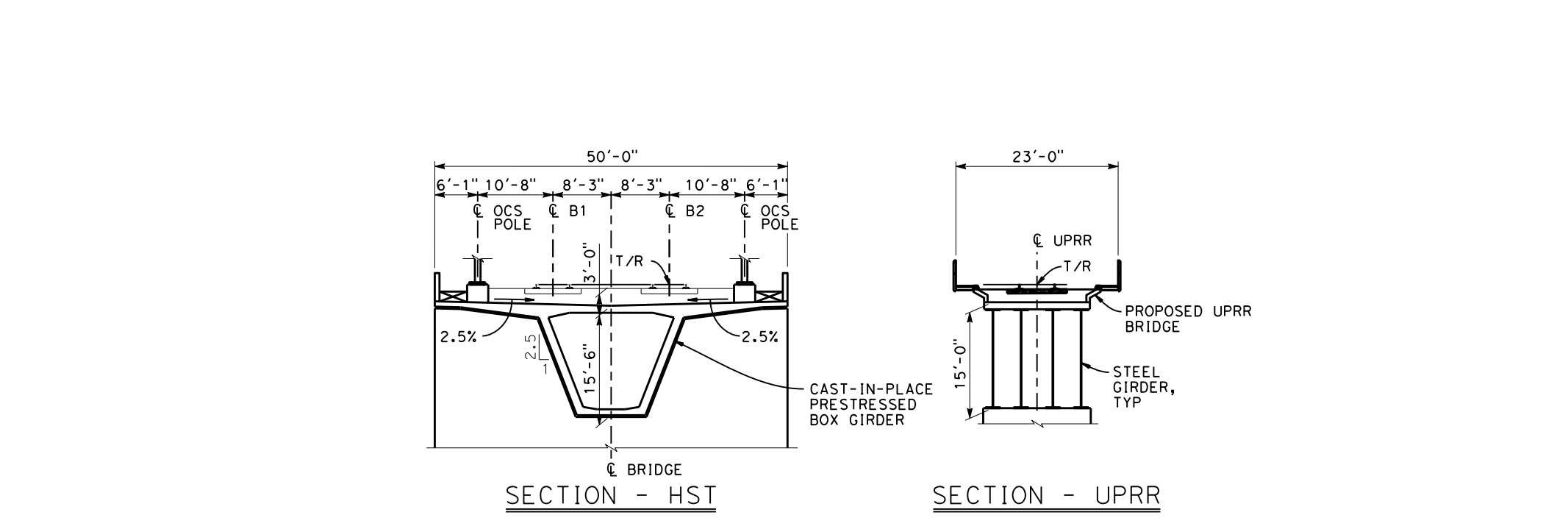


SECTION - RUCKER
 SCALE: 1"=20'-0"

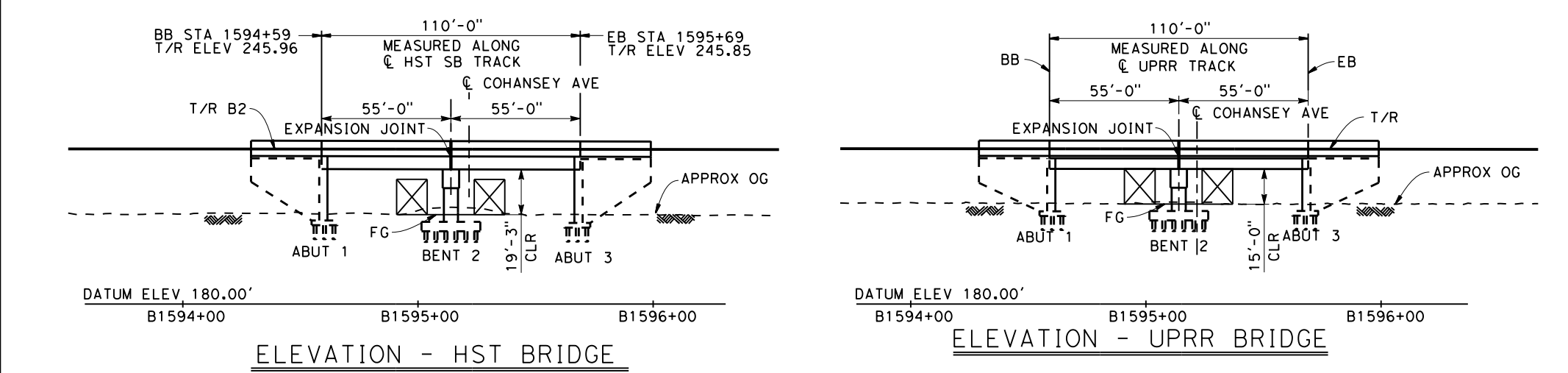
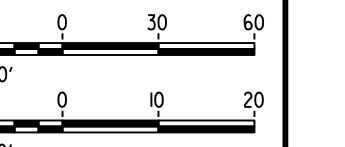


ELEVATIONS - BUENA VISTA AVE
 SCALE: 1"=60'-0"

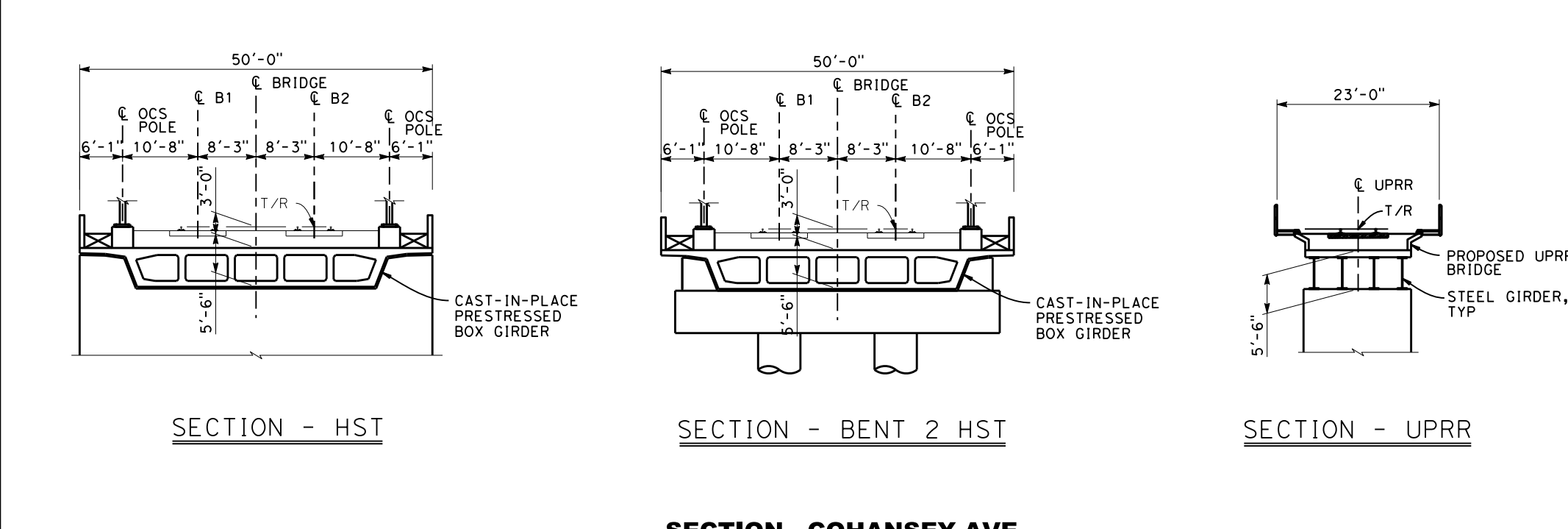
NOTE:
 FOR VERTICAL CLEARANCES SEE CV-T1004



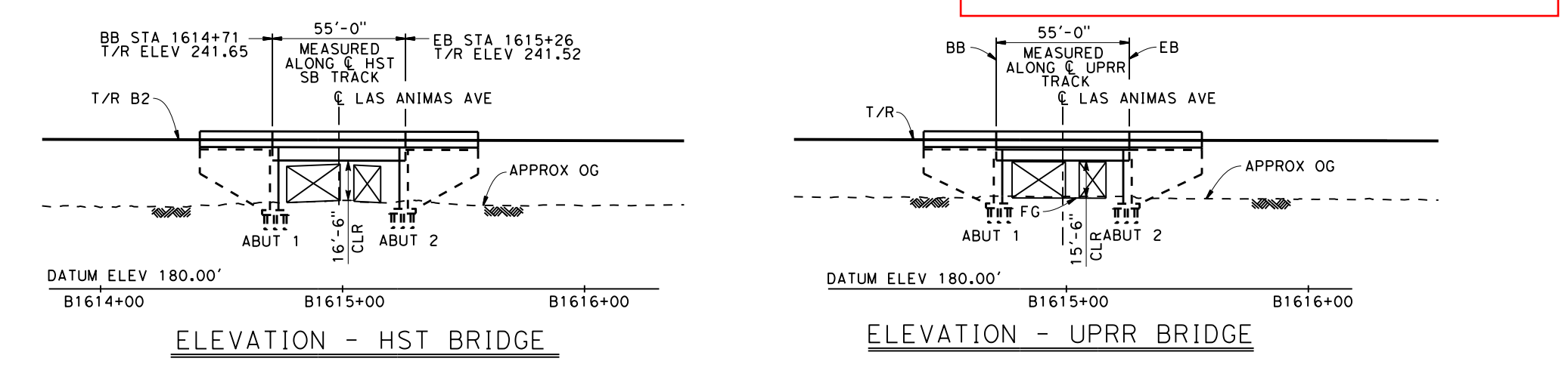
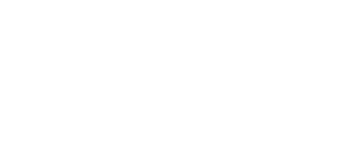
SECTION - BUENA VISTA AVE
 SCALE: 1"=20'-0"



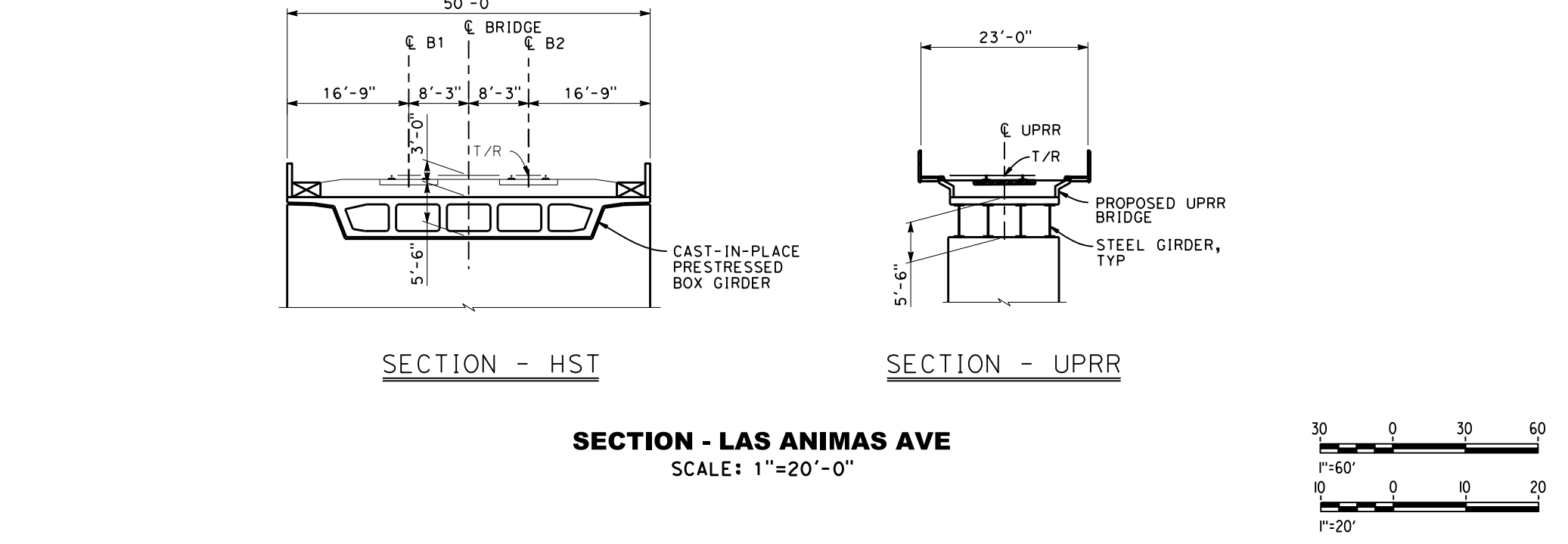
ELEVATIONS - COHANSEY AVE
 SCALE: 1"=60'-0"



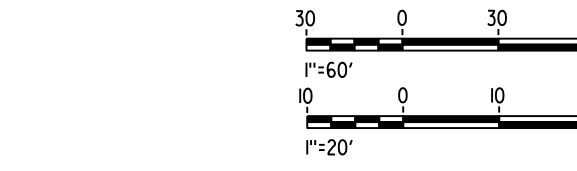
SECTION - COHANSEY AVE
 SCALE: 1"=20'-0"

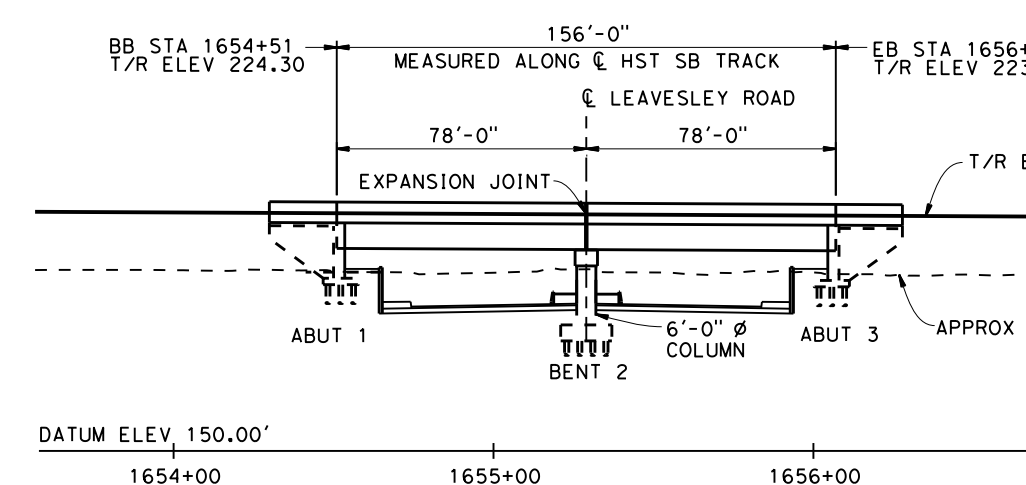


ELEVATIONS - LAS ANIMAS AVE
 SCALE: 1"=60'-0"

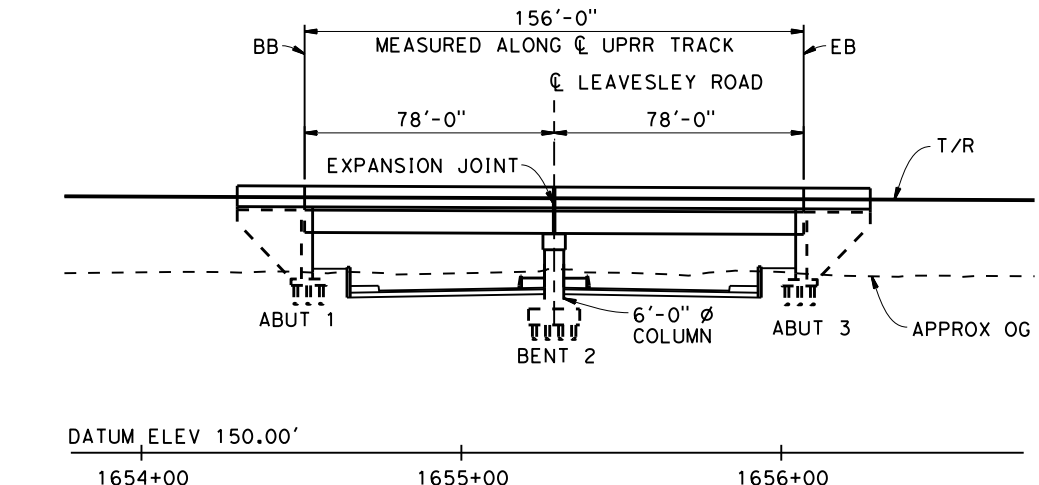


SECTION - LAS ANIMAS AVE
 SCALE: 1"=20'-0"

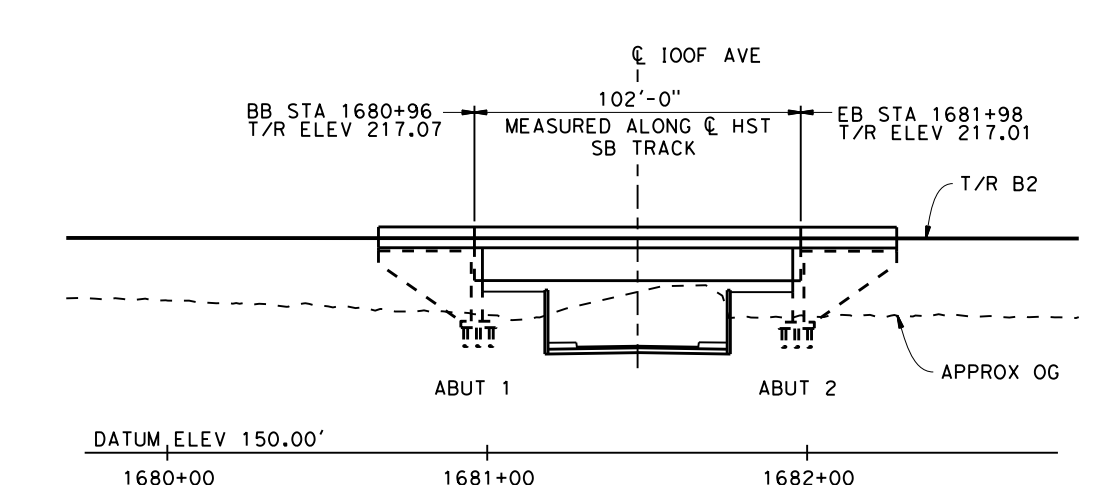




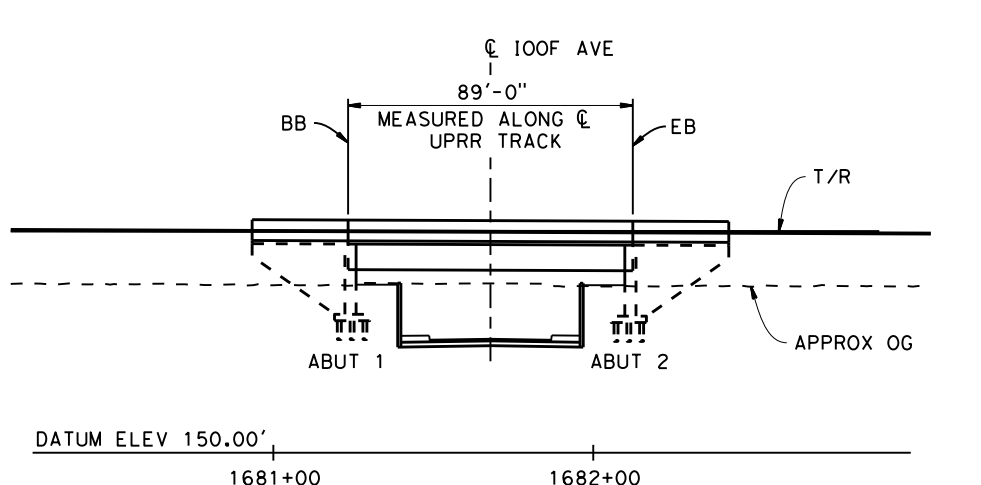
DEVELOPED ELEVATION - HST BRIDGE



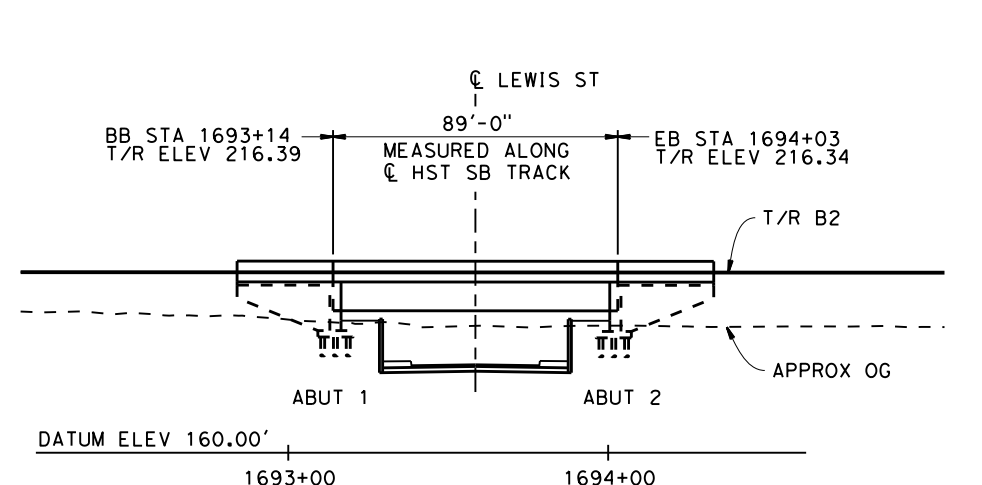
DEVELOPED ELEVATION - UPRR BRIDGE



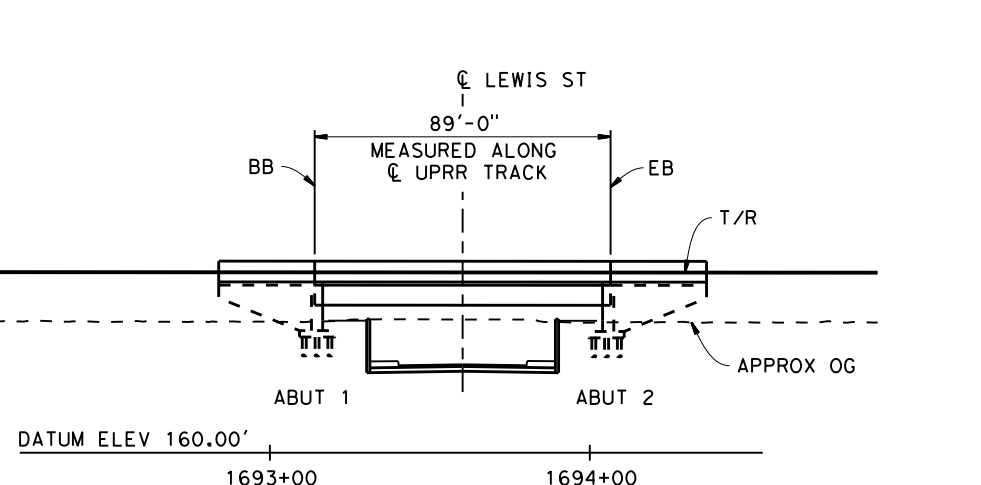
ELEVATION - HST BRIDGE



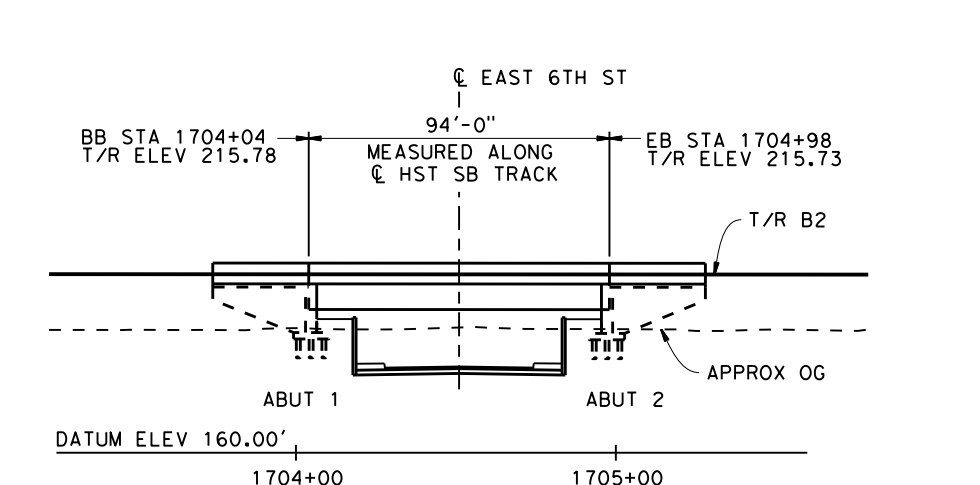
ELEVATION - UPRR BRIDGE



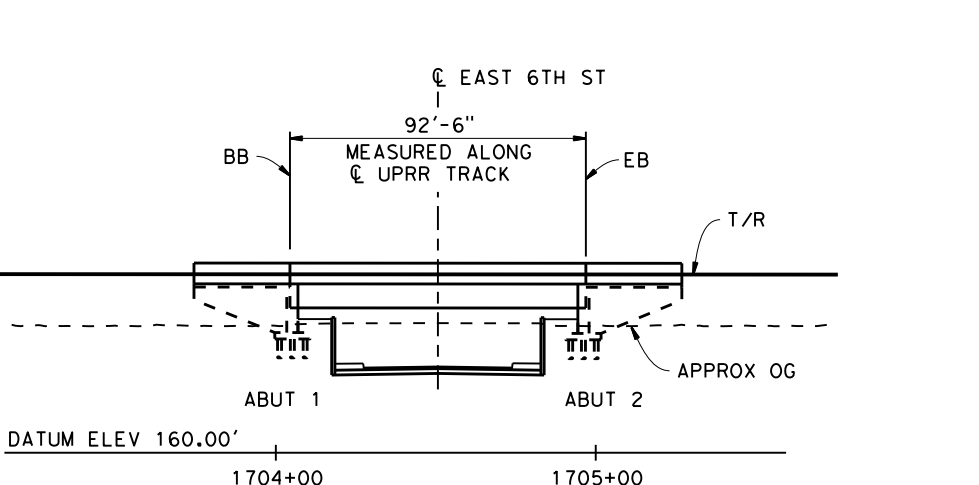
ELEVATION - HST BRIDGE



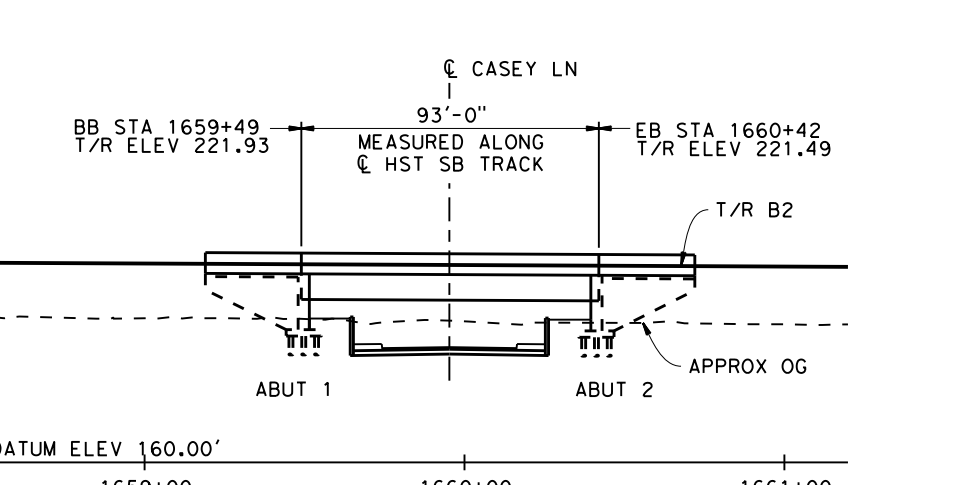
ELEVATION - UPRR BRIDGE



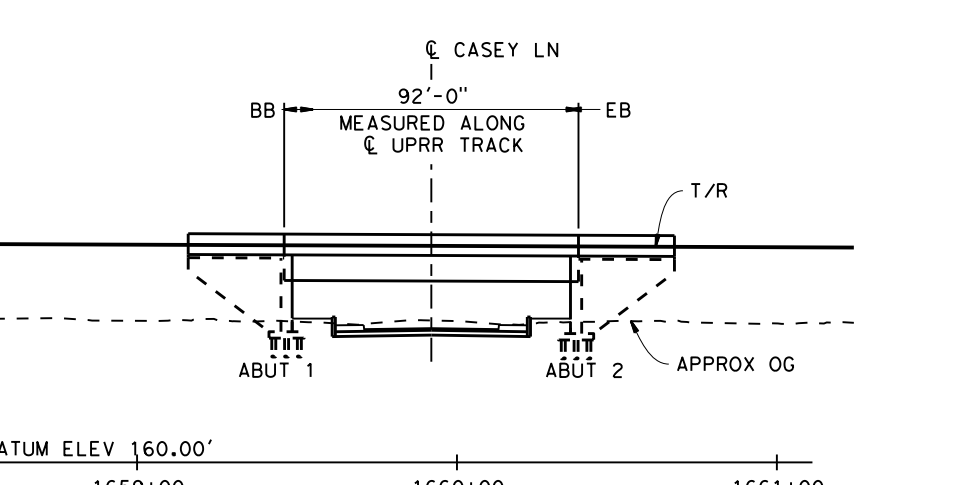
ELEVATION - HST BRIDGE



ELEVATION - UPRR BRIDGE



DEVELOPED ELEVATION - HST BRIDGE



DEVELOPED ELEVATION - UPRR BRIDGE

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

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

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

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

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

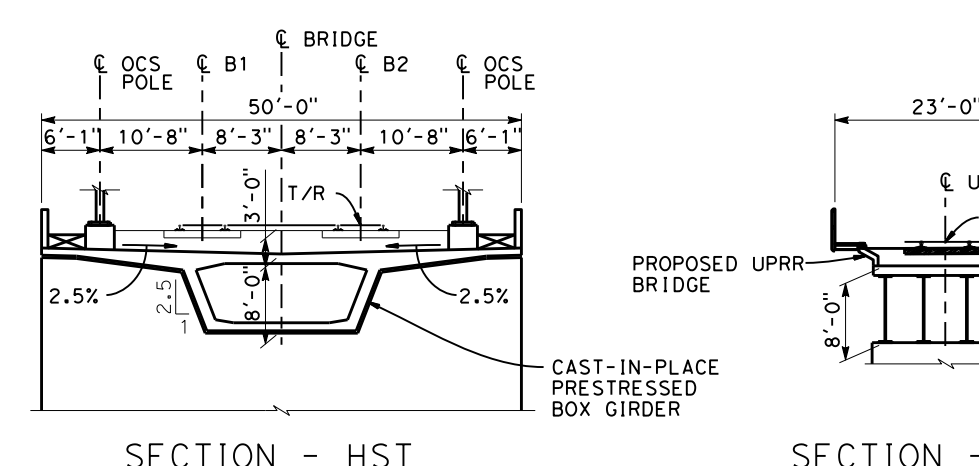
NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

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

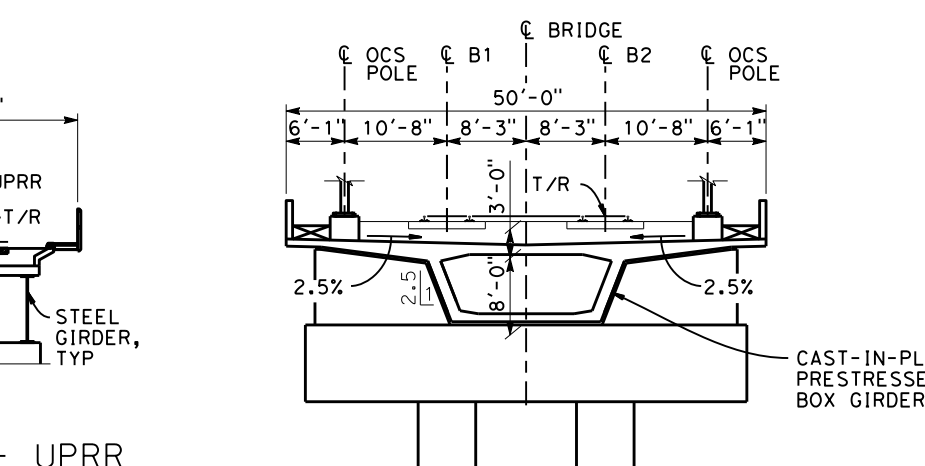
NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

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

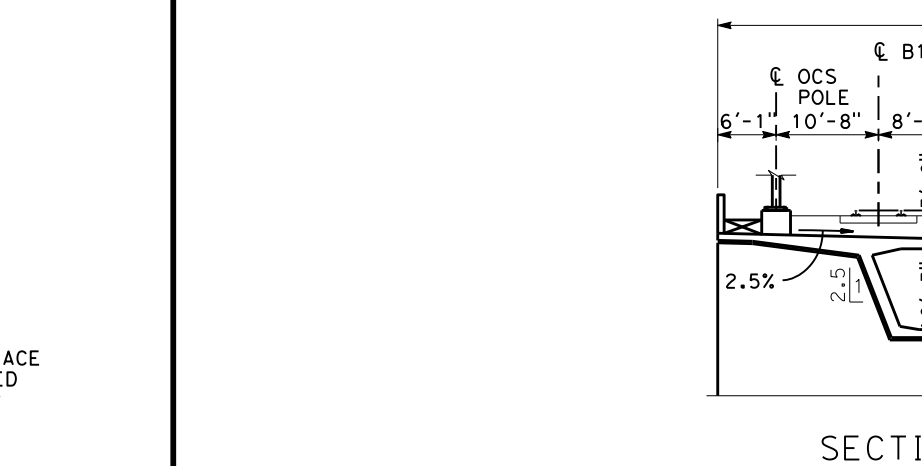
NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006



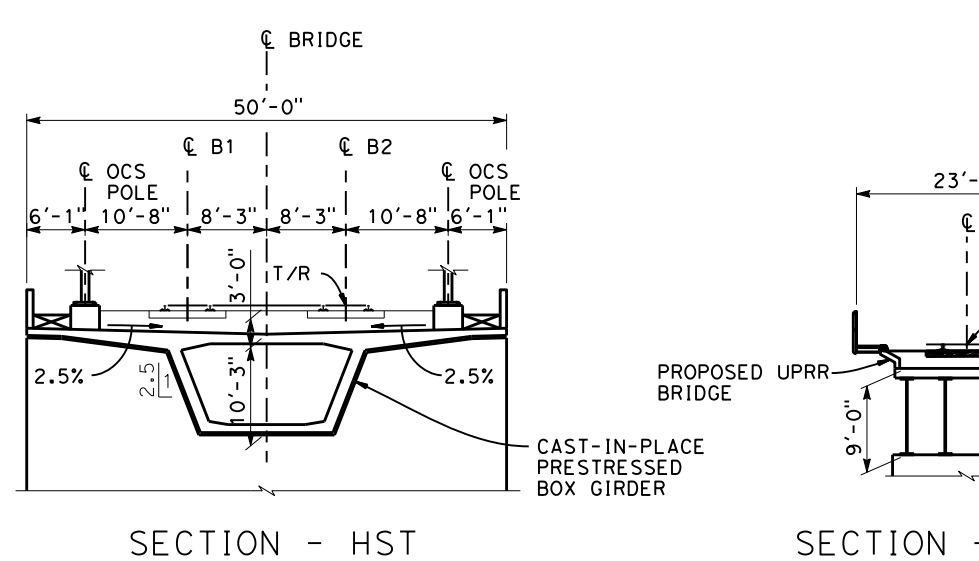
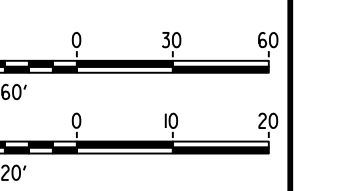
SECTION - HST



SECTION - UPRR



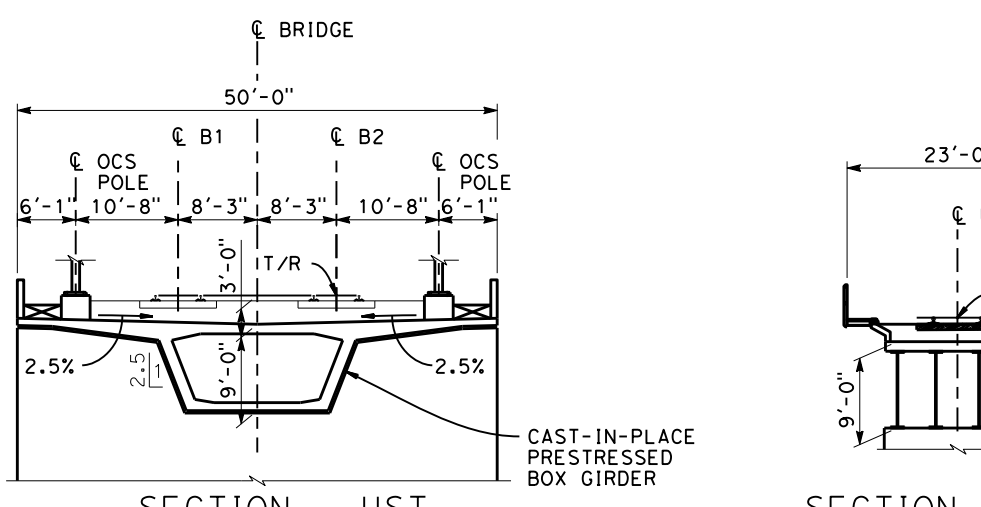
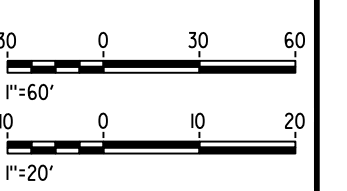
SECTION - BENT 2 HST



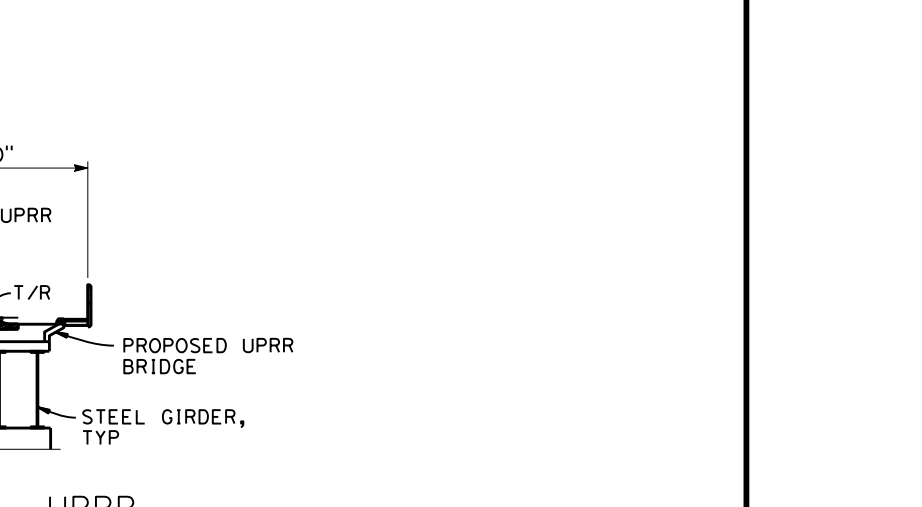
SECTION - HST



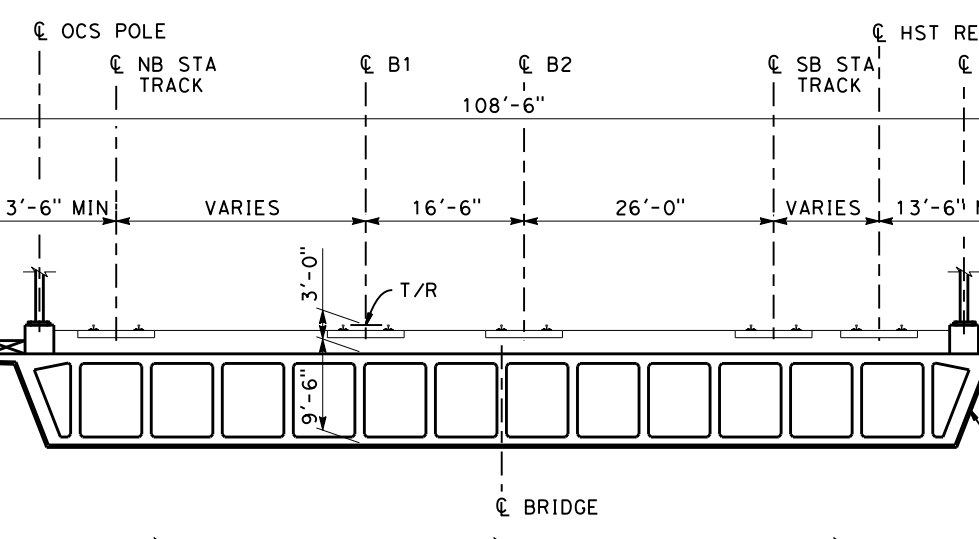
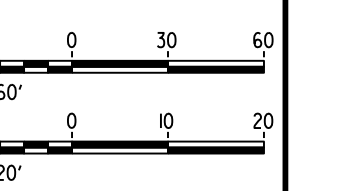
SECTION - UPRR



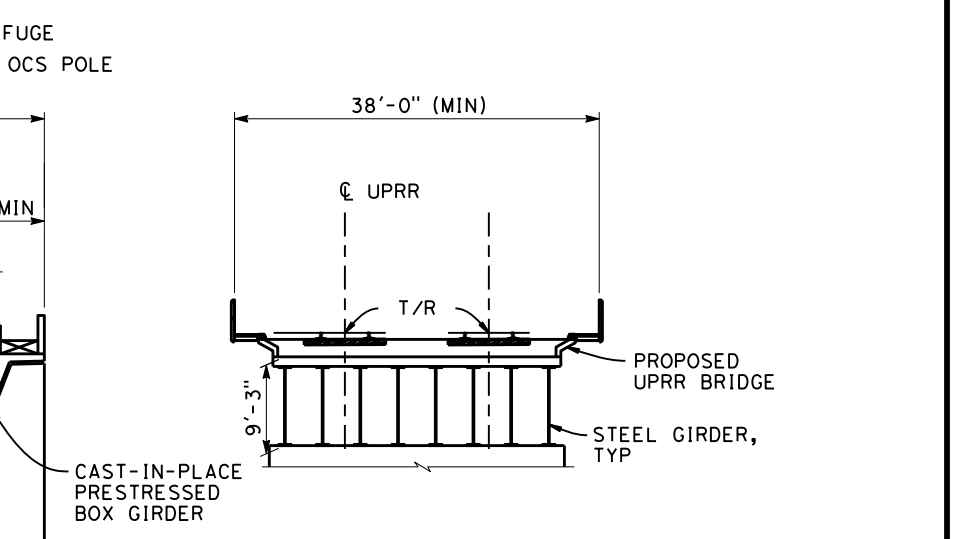
SECTION - HST



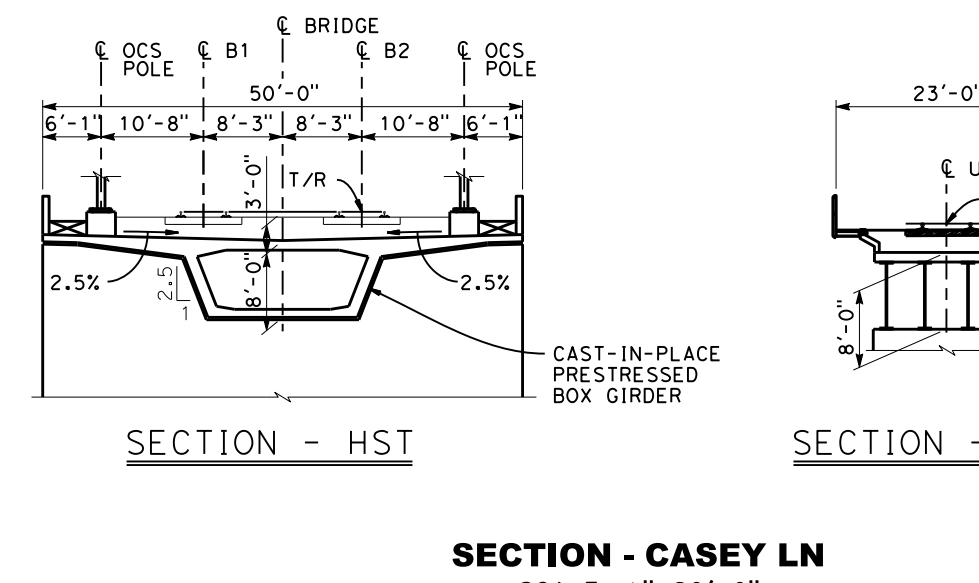
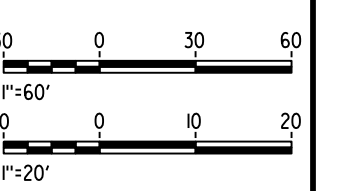
SECTION - UPRR



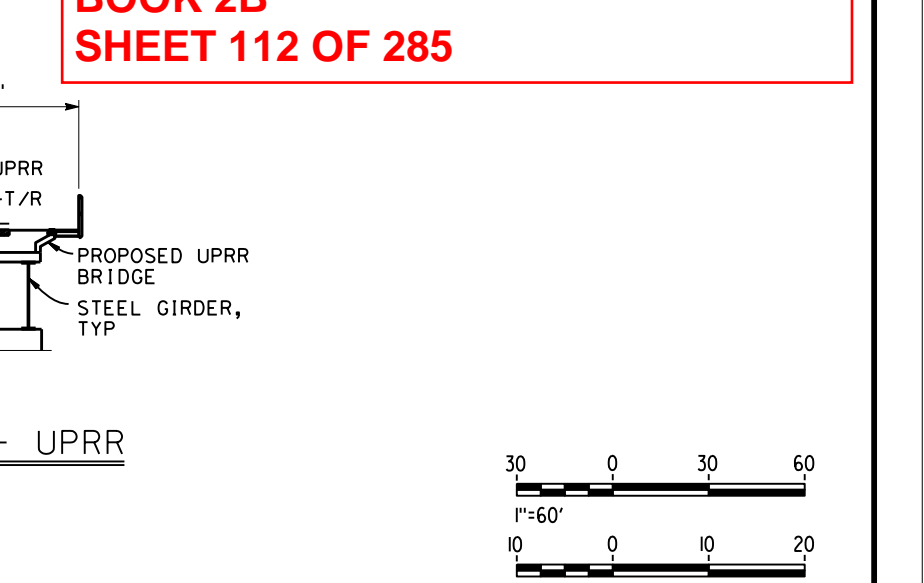
SECTION - HST



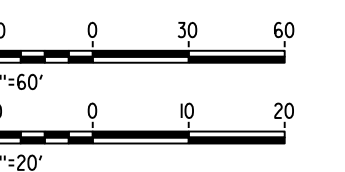
SECTION - UPRR



SECTION - HST



SECTION - UPRR



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

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 112 OF 285**

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

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

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

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

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

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

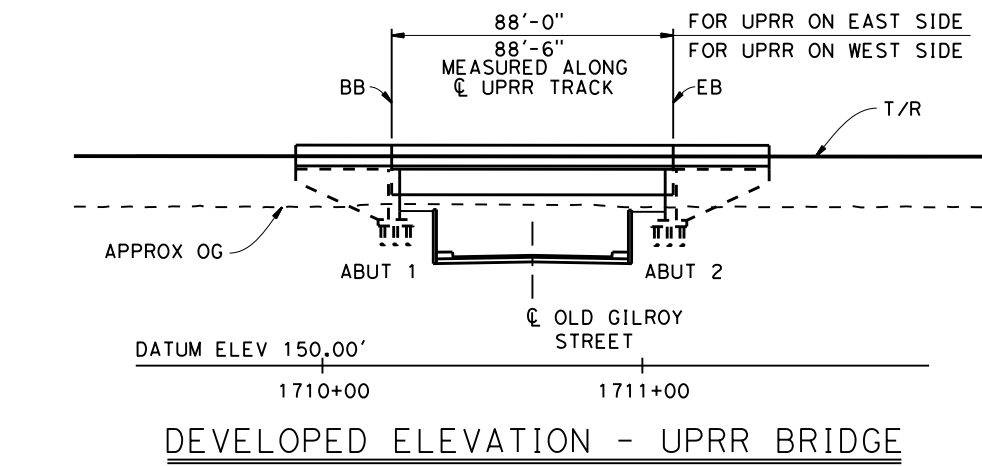
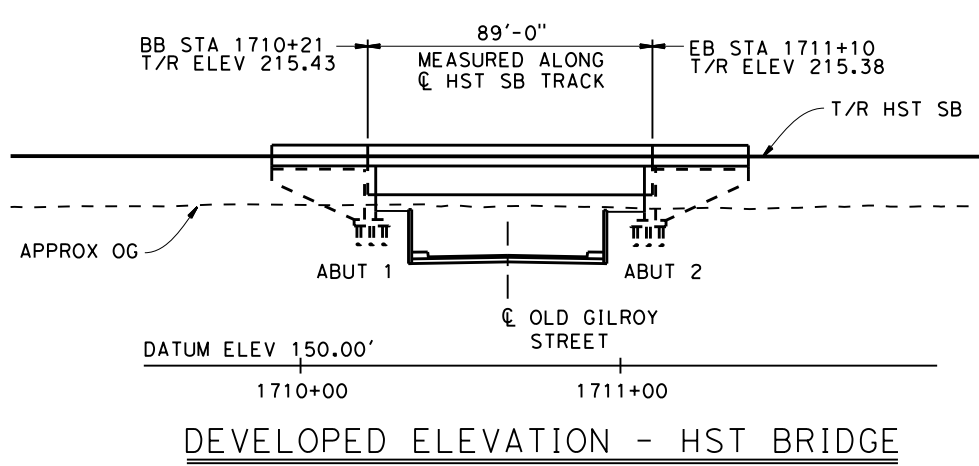
SECTION - 6TH ST
SCALE: 1"=20'-0"

NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

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

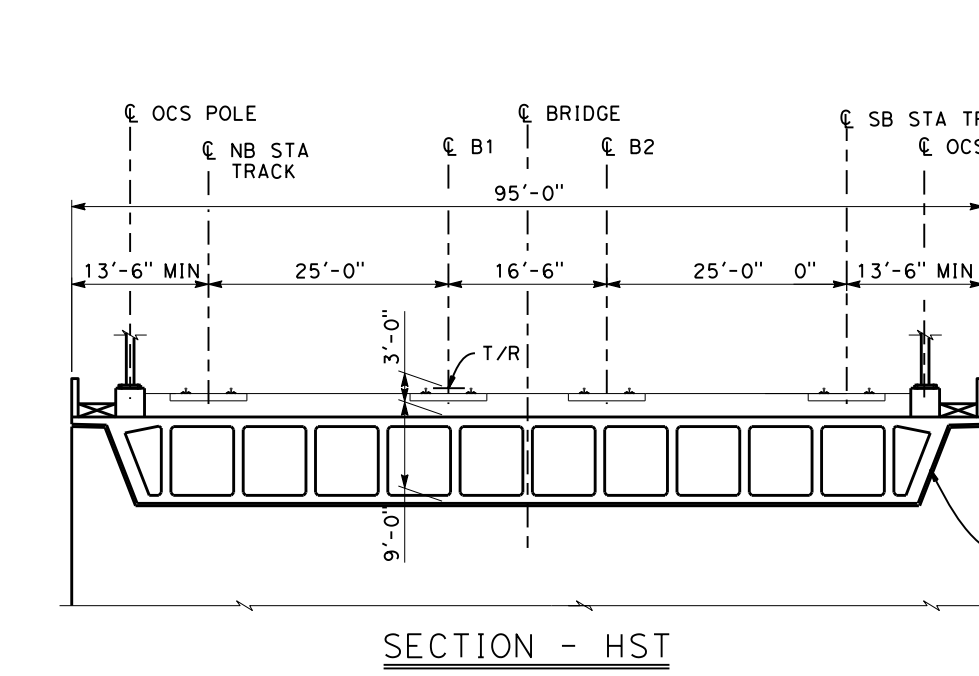
NOTE:
FOR VERTICAL CLEARANCES SEE CV-T1006

2021 RECORD SET P&P NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 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.

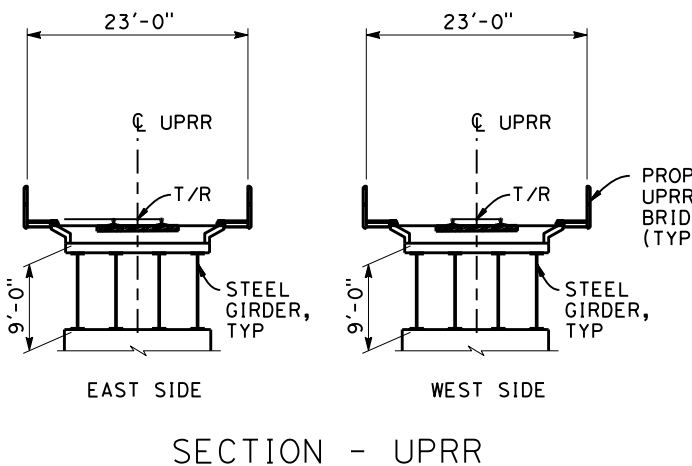


ELEVATIONS - OLD GILROY
 SCALE: 1"=60'-0"

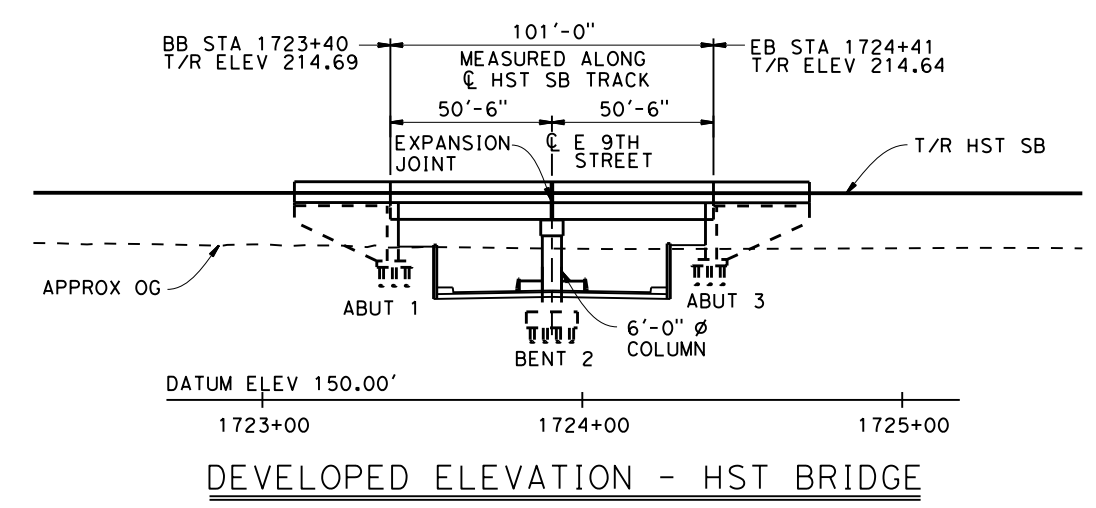
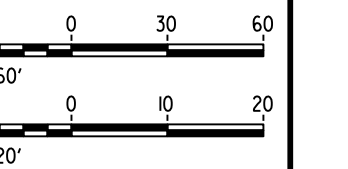
NOTE:
 FOR VERTICAL CLEARANCES SEE CV-T1006



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

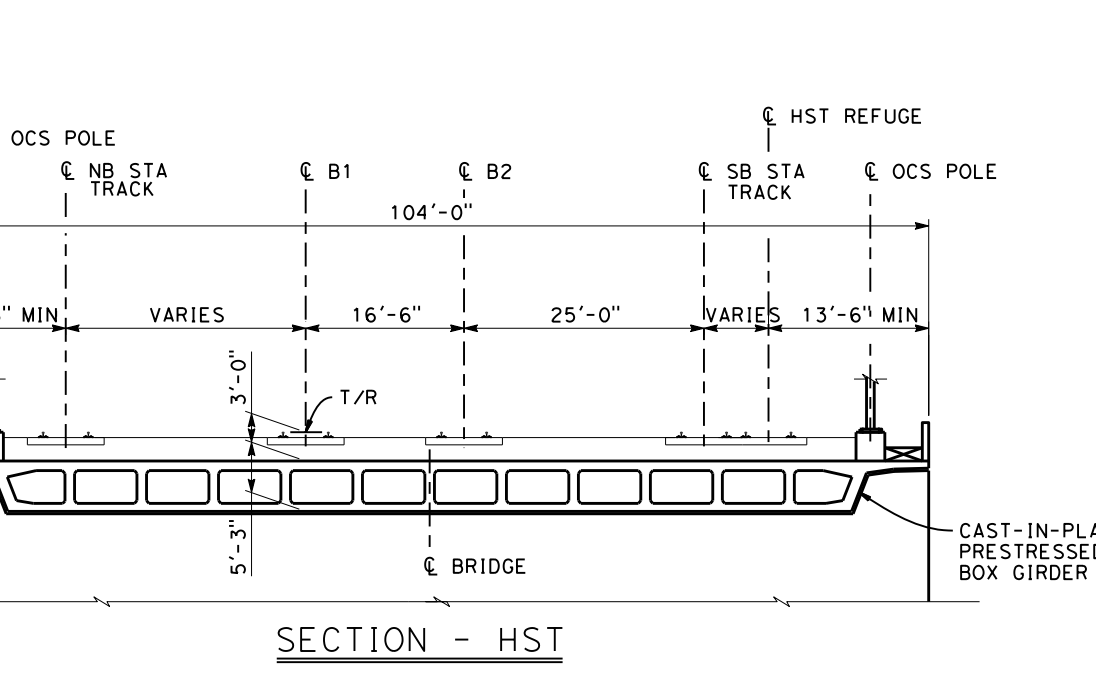


SECTION - UPRR

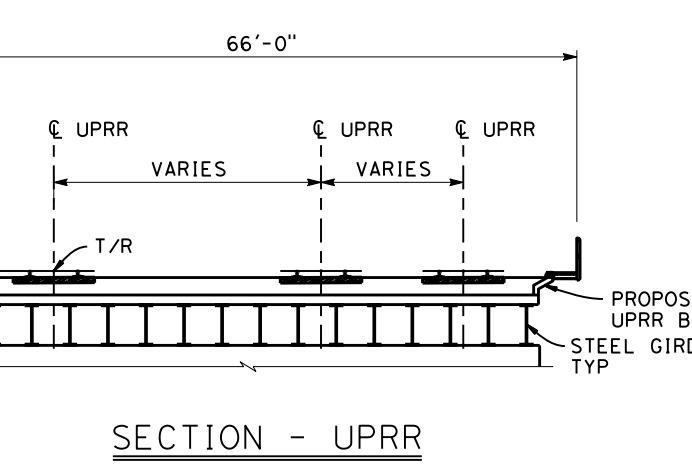


ELEVATIONS - E 9TH ST
 SCALE: 1"=60'-0"

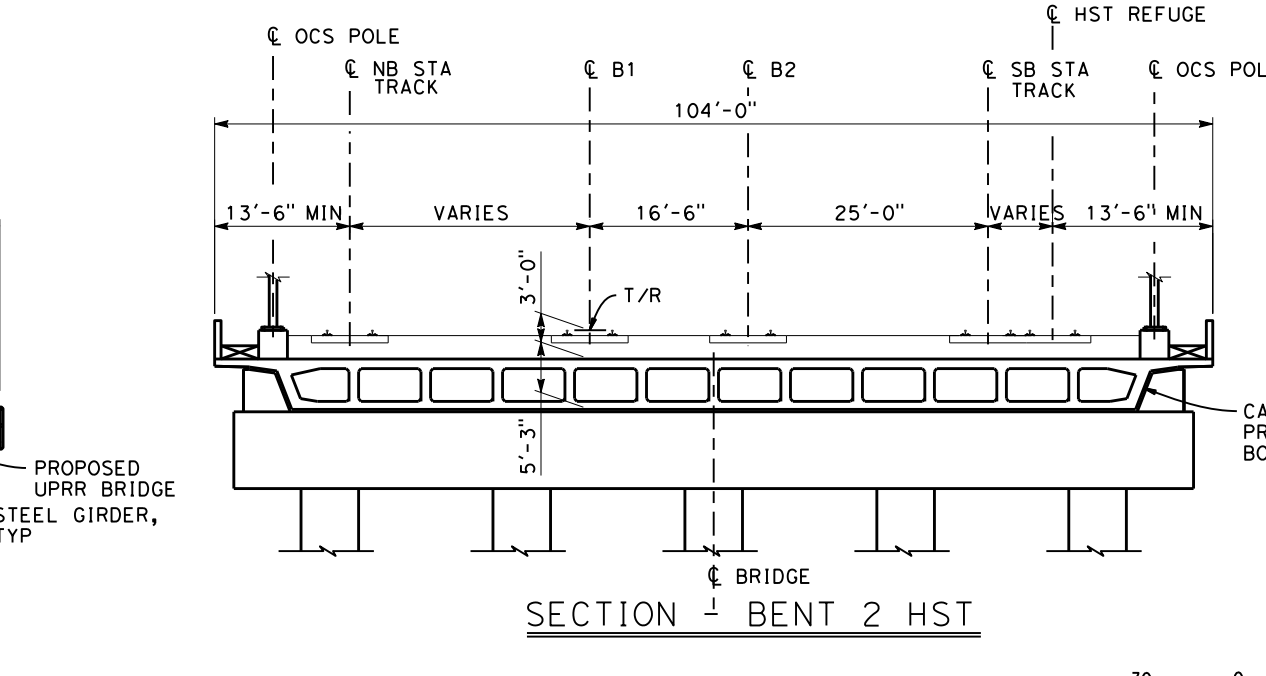
NOTE:
 FOR VERTICAL CLEARANCES SEE CV-T1007



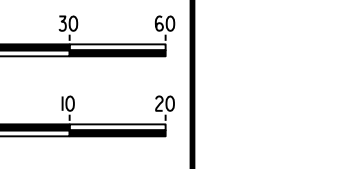
SECTION - HST



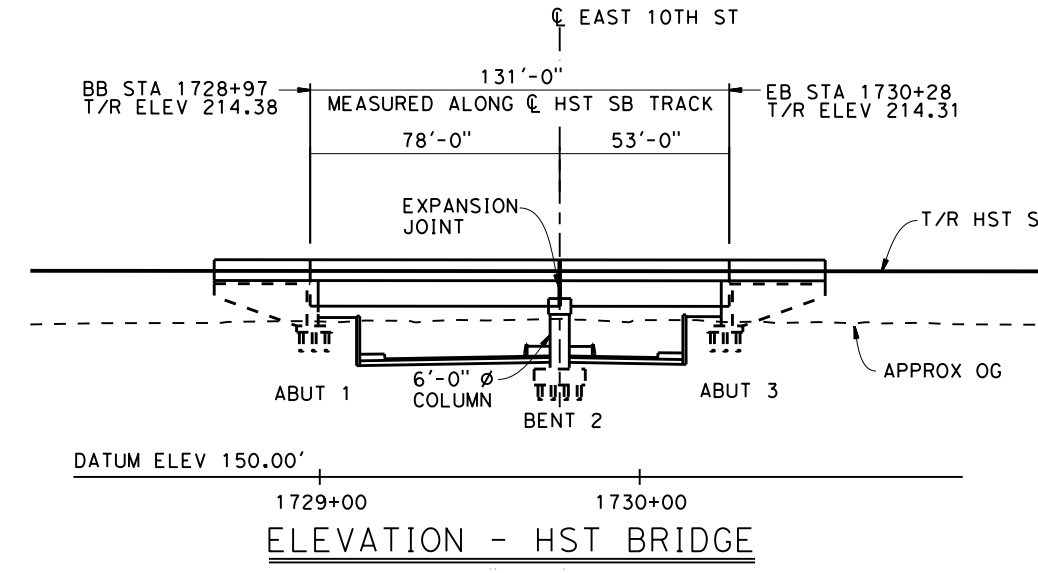
SECTION - UPRR



SECTION - BENT 2 HST

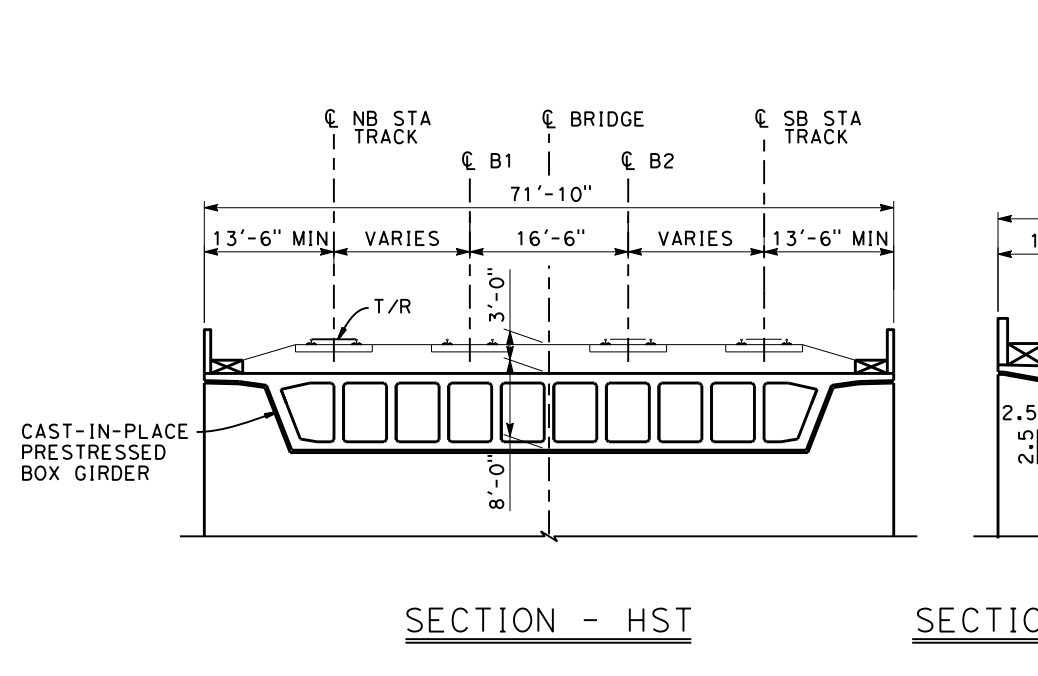


SECTION - E 9TH ST
 SCALE: 1"=20'-0"

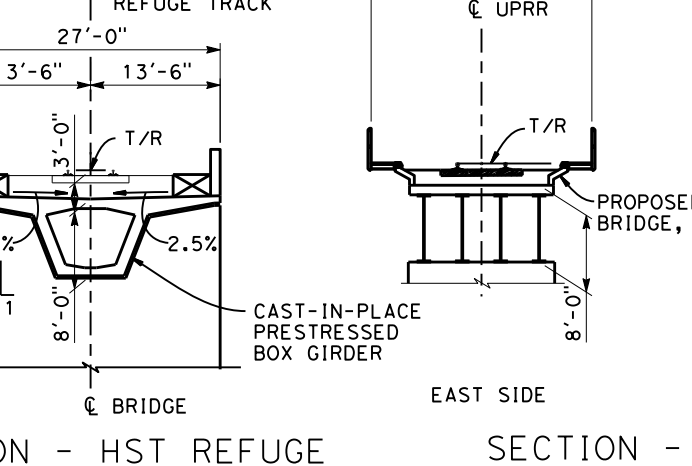


ELEVATIONS - E 10TH ST
 SCALE: 1"=60'-0"

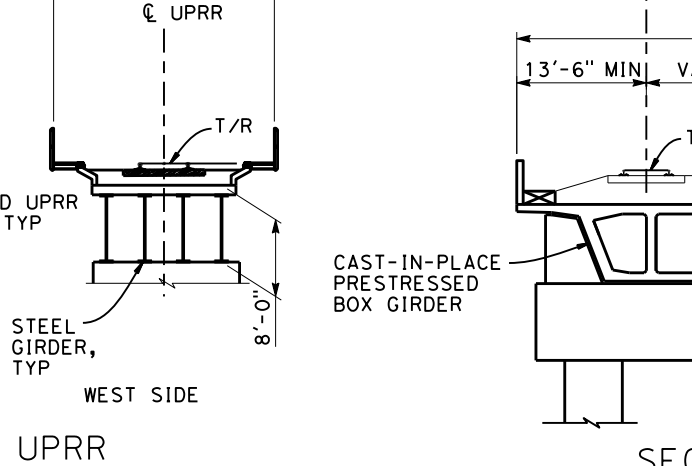
NOTE:
 FOR VERTICAL CLEARANCES SEE CV-T1007



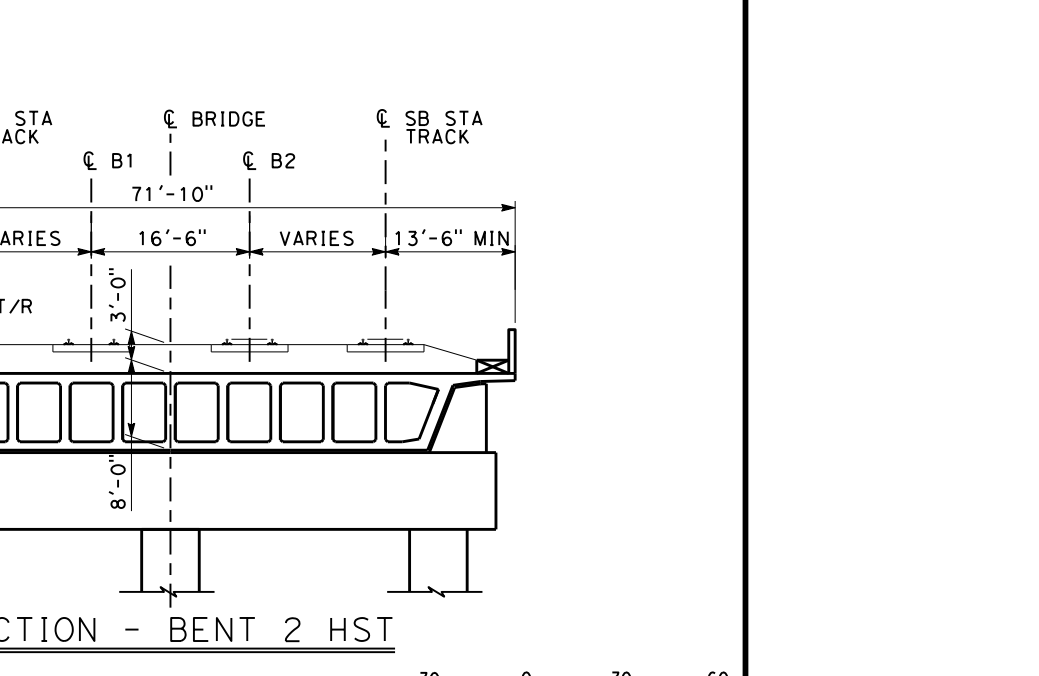
SECTION - HST



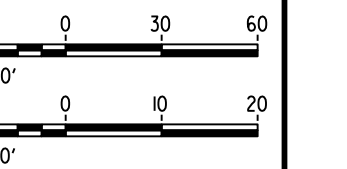
SECTION - HST REFUGE



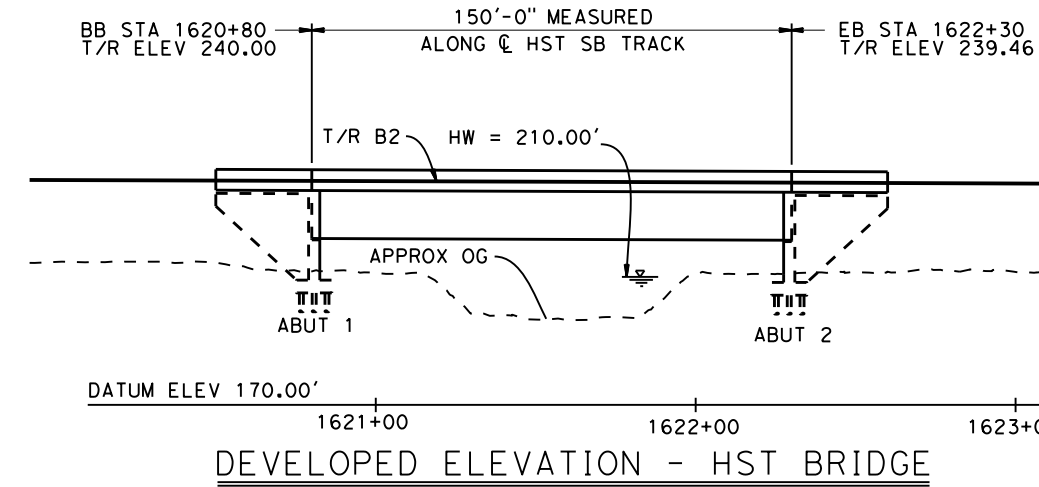
SECTION - UPRR



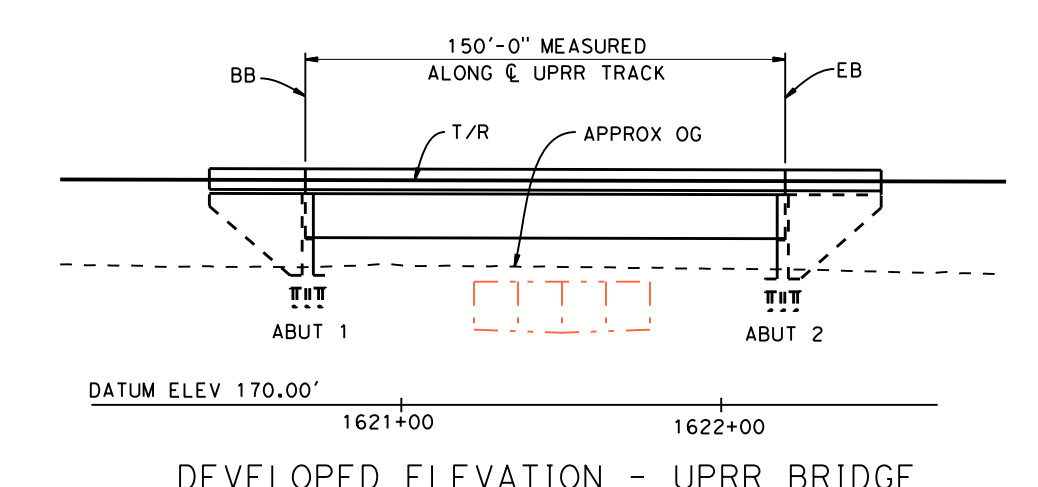
SECTION - BENT 2 HST



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

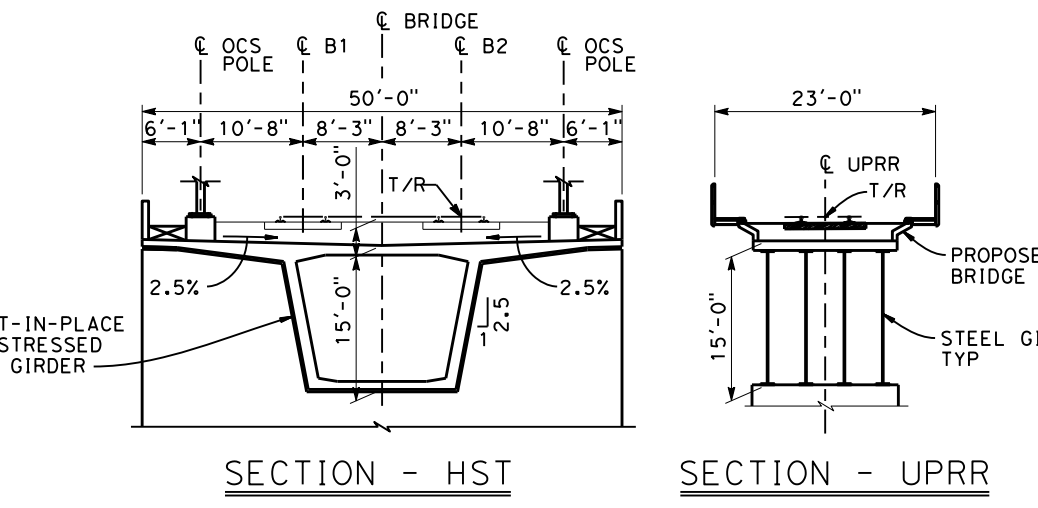


DEVELOPED ELEVATION - HST BRIDGE

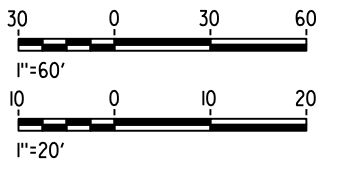


DEVELOPED ELEVATION - UPRR BRIDGE

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



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



2021 RECORD SET P&P
 NOVEMBER 30, 2021
 NOT FOR CONSTRUCTION

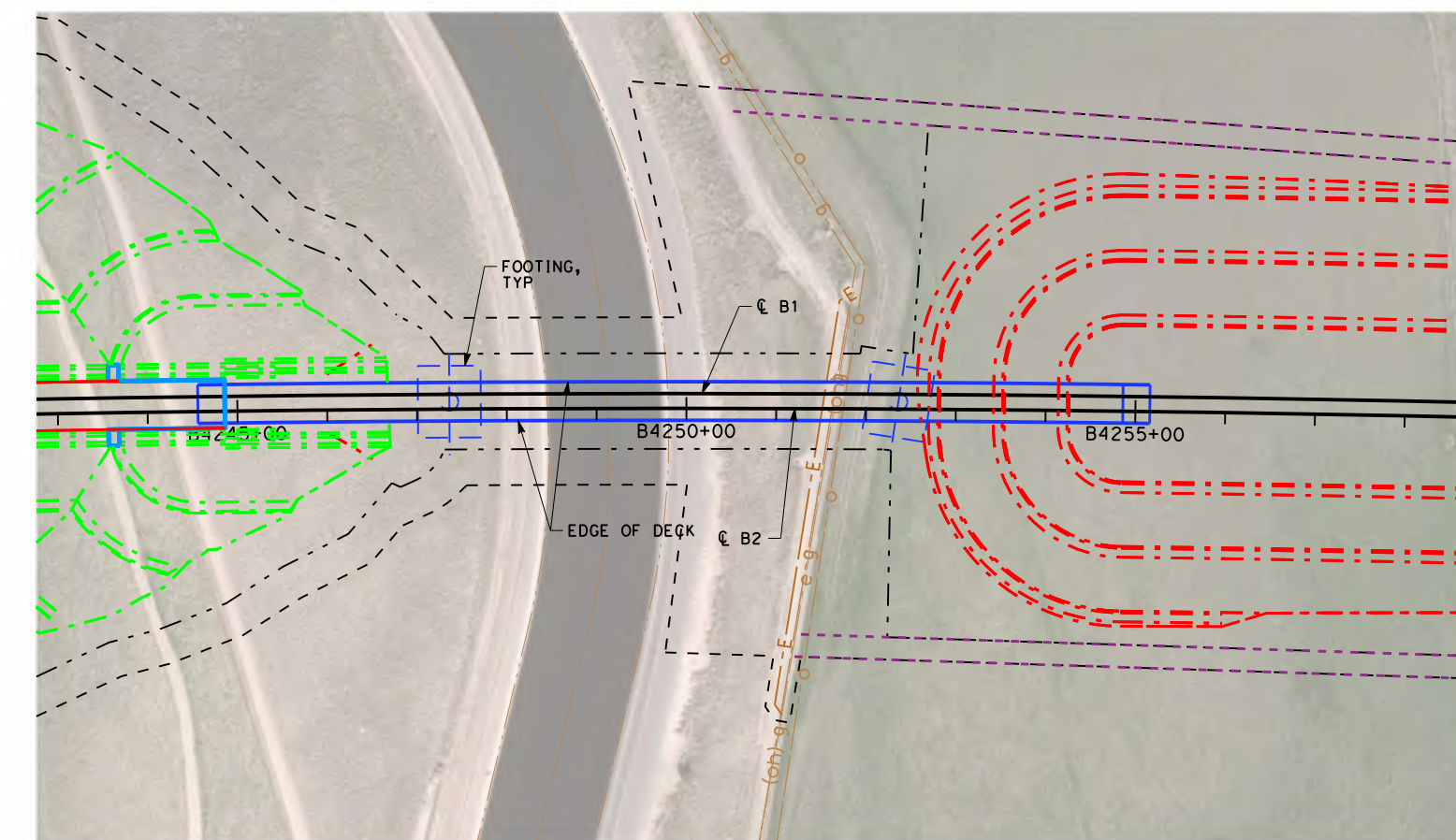
HNTB

1111 Broadway
 9th Floor
 Oakland, CA 94607

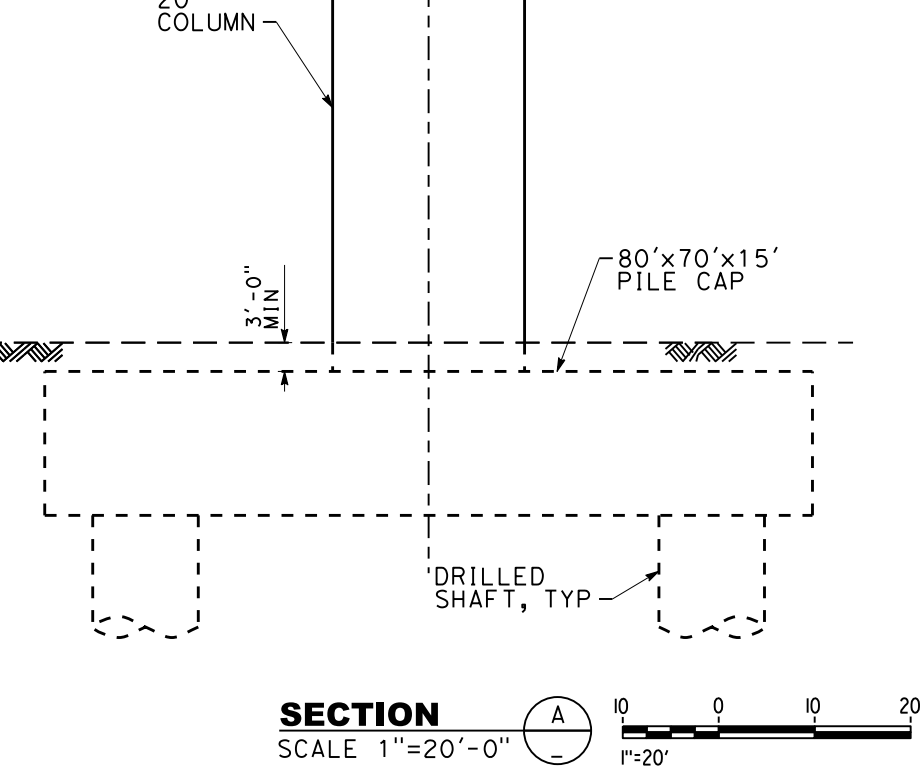
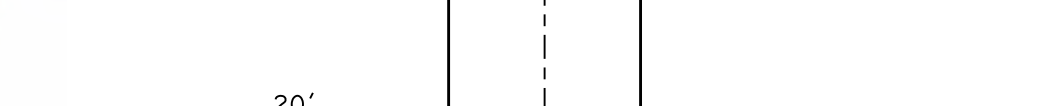
CALIFORNIA
 High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 MORGAN HILL AND GILROY
 EMBANKMENT TO DOWNTOWN GILROY
 UNDERPASSES
 GENERAL PLAN 3 OF 3

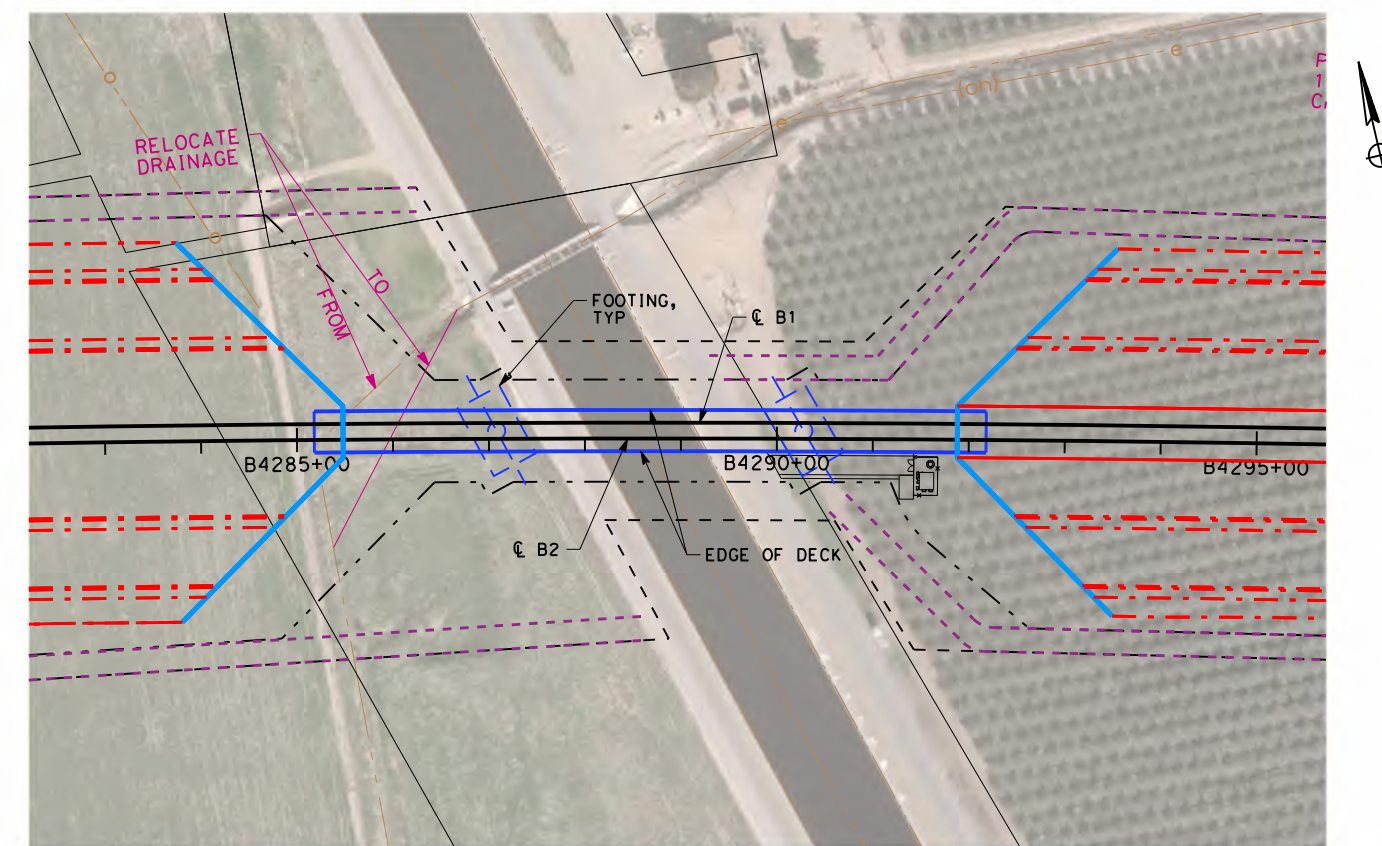
CONTRACT NO. HSR15-34
 DRAWING NO. ST-T1003
 SCALE AS SHOWN
 SHEET NO.



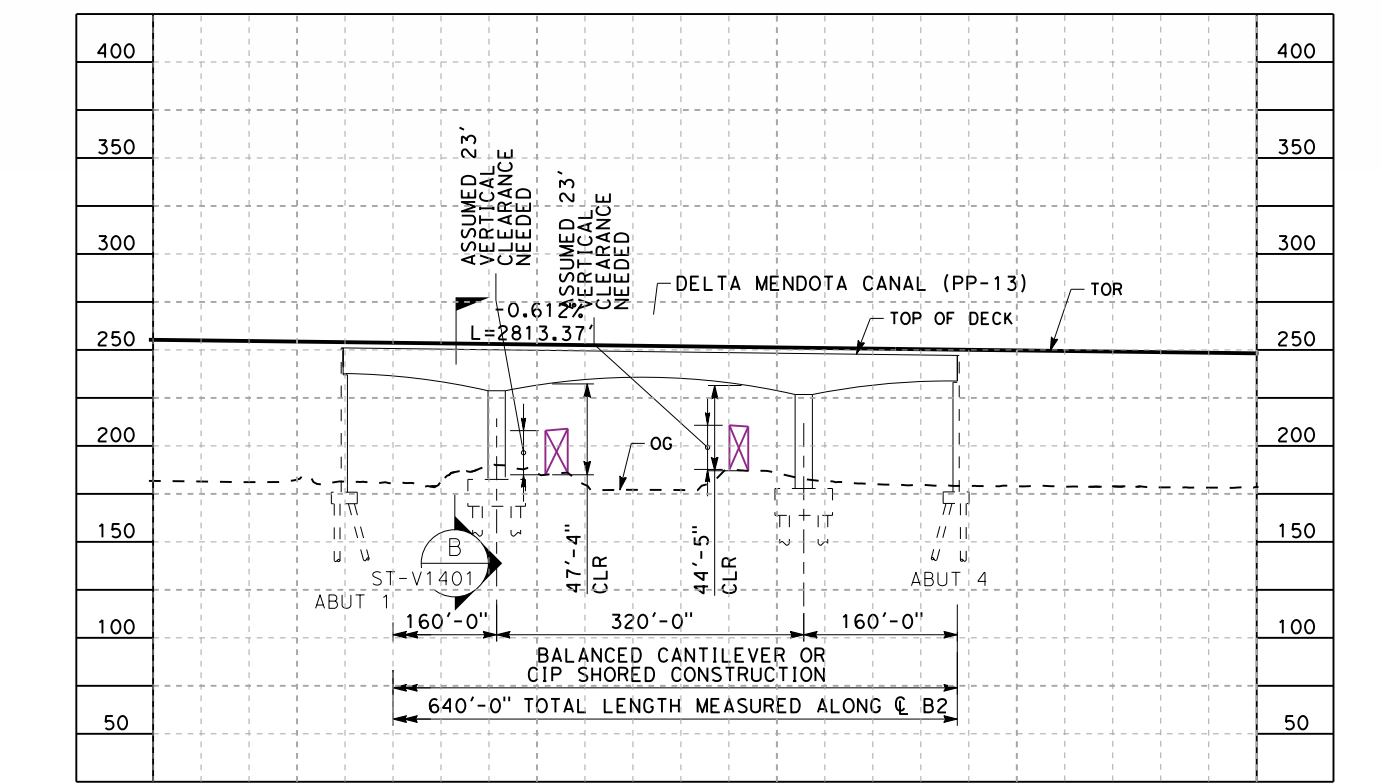
PLAN - CALIFORNIA AQUEDUCT
SCALE: 1"=200'



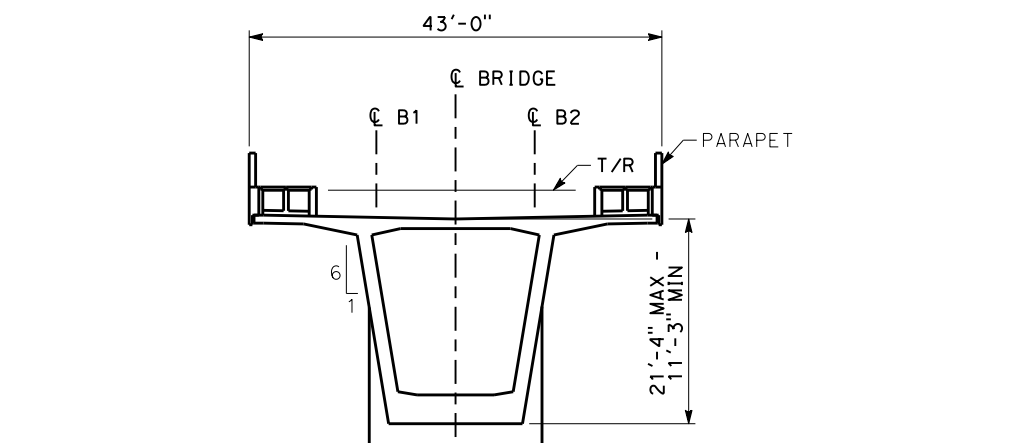
PROFILE - CALIFORNIA AQUEDUCT
SCALE: 1"=200' HOR, 1"=100' VERT



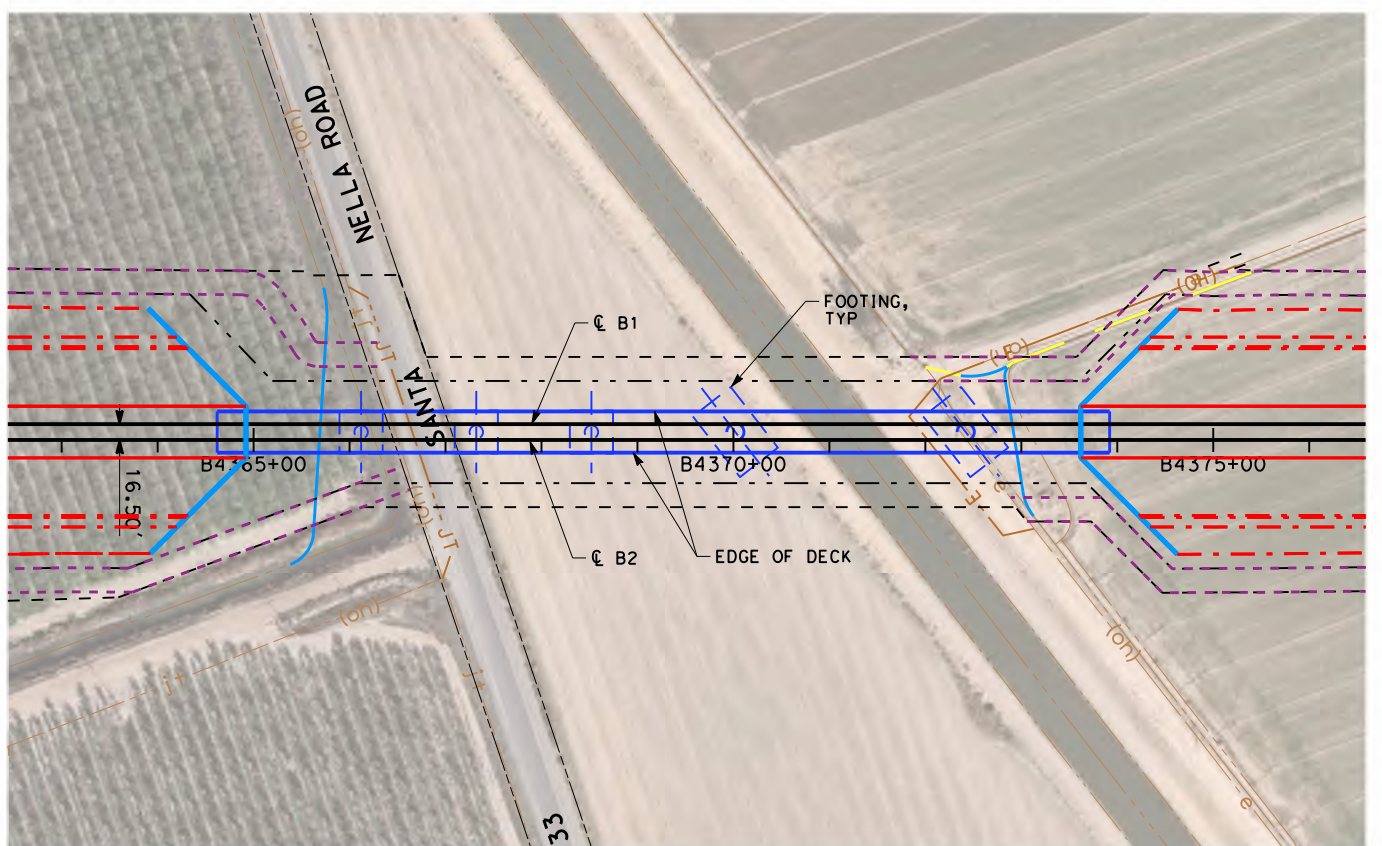
PLAN - DELTA MENDOTA
SCALE: 1"=200'



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



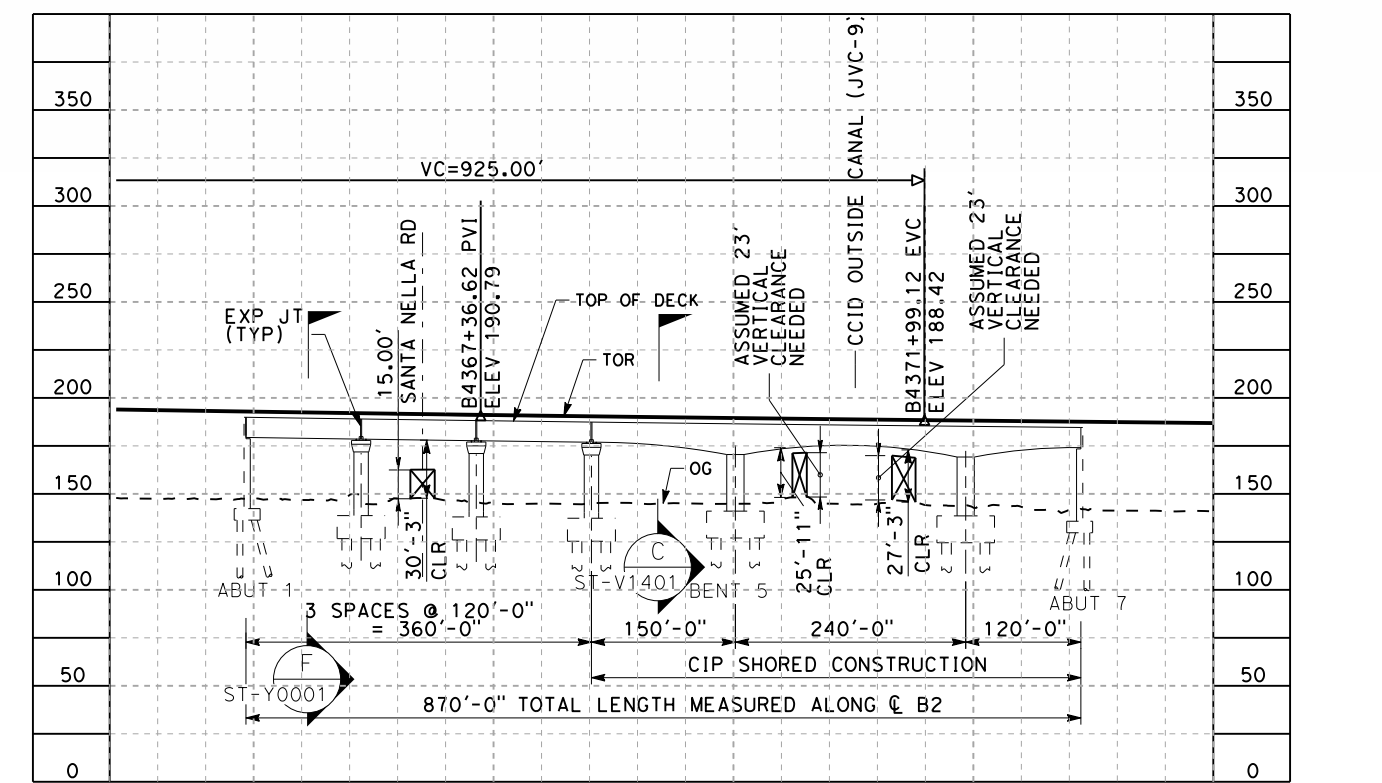
SECTION
SCALE 1"=20'-0"



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



SECTION
SCALE 1"=20'-0"

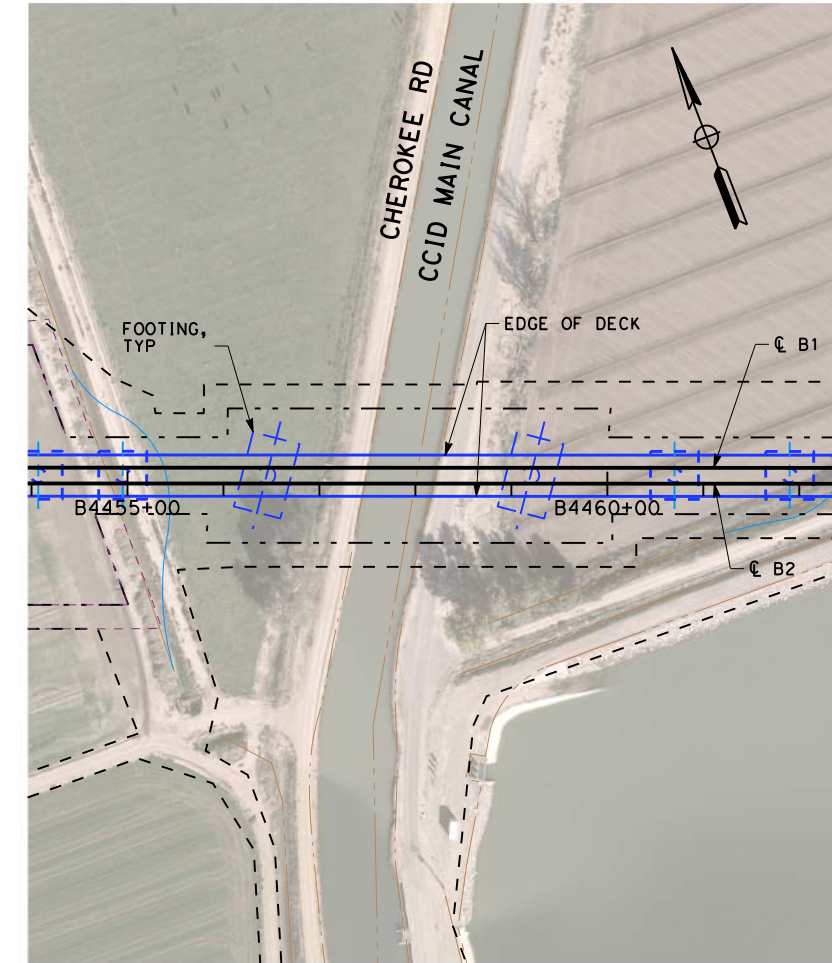


PROFILE - CCID OUTSIDE CANAL
SCALE: 1"=200' HOR, 1"=100' VERT

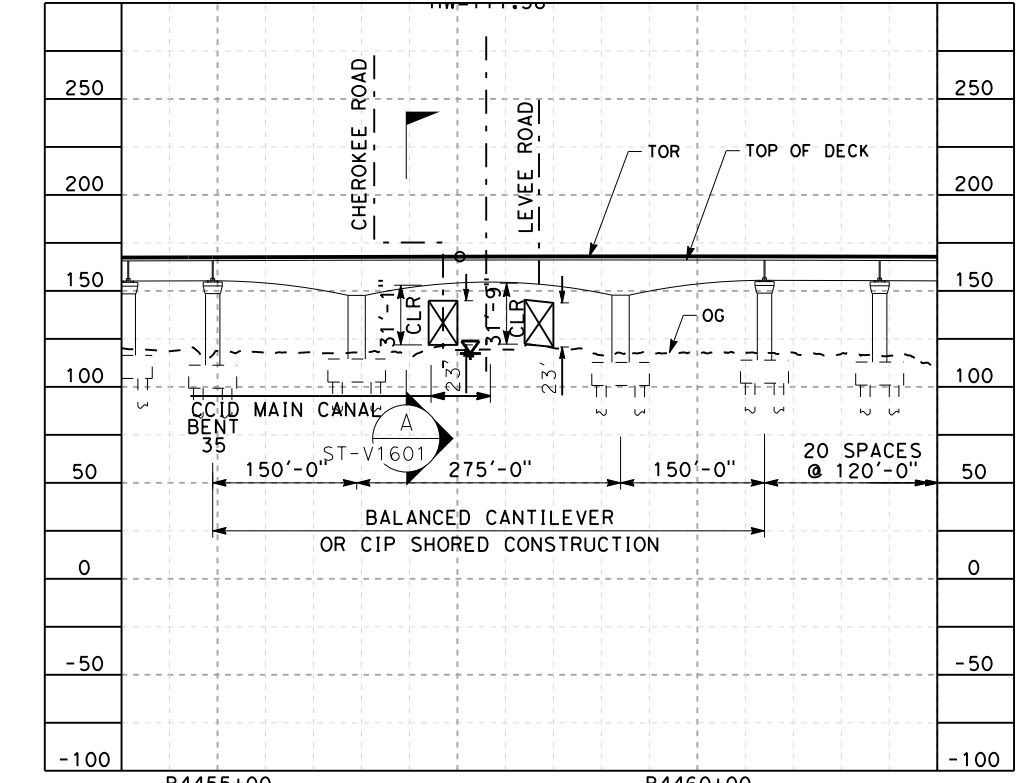
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

**SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2B
SHEET 114 OF 285**

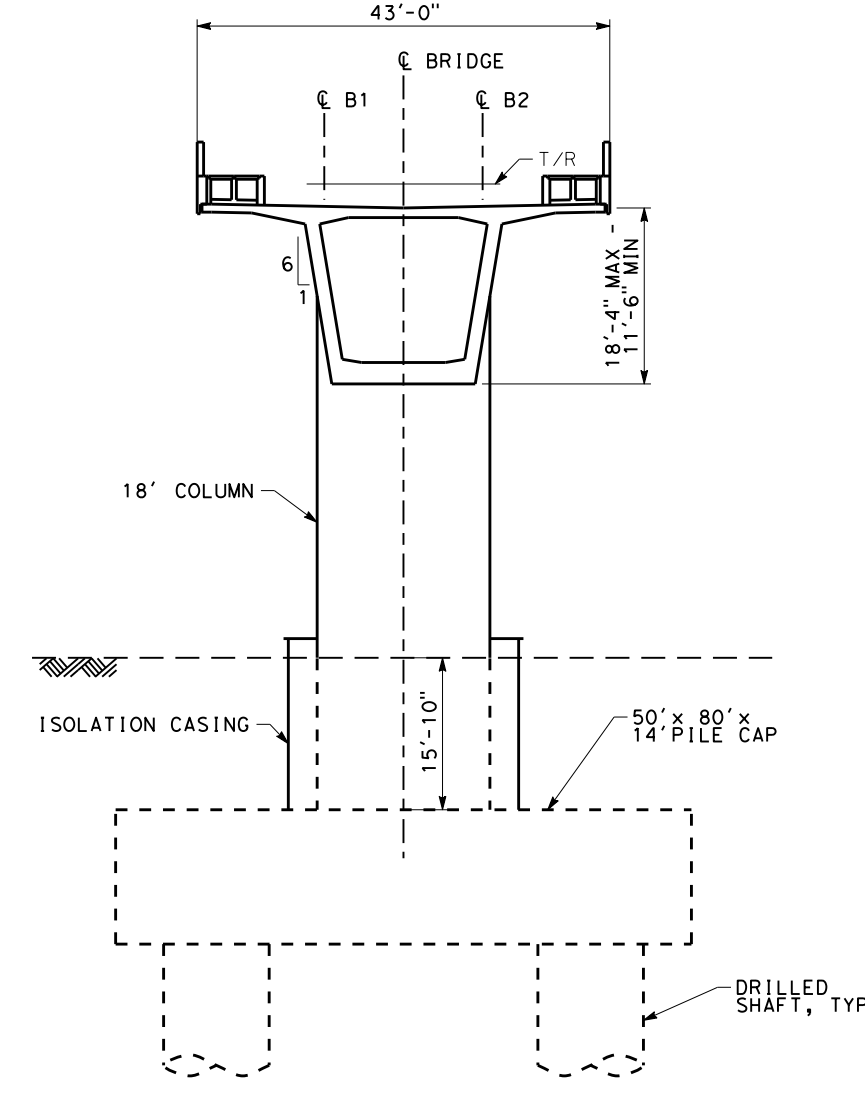
2021 RECORD SET P&P NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED TUNNEL PACHECO PASS COMPLEX STRUCTURES GENERAL PLAN	CONTRACT NO. HSR15-34 DRAWING NO. ST-V1401 SCALE AS SHOWN SHEET NO.
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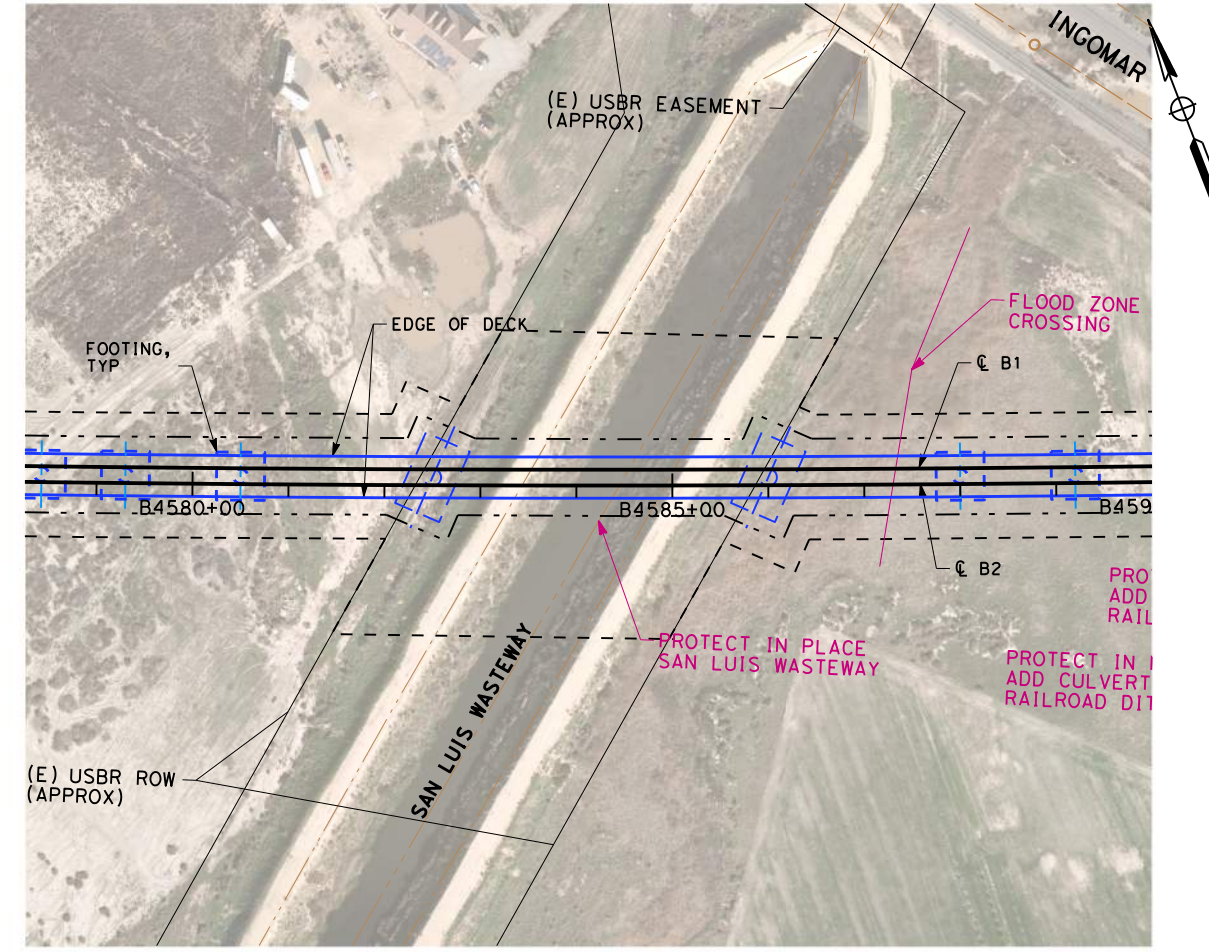
PLAN - CHEROKEE (LEVEE) RD
SCALE: 1"=200'



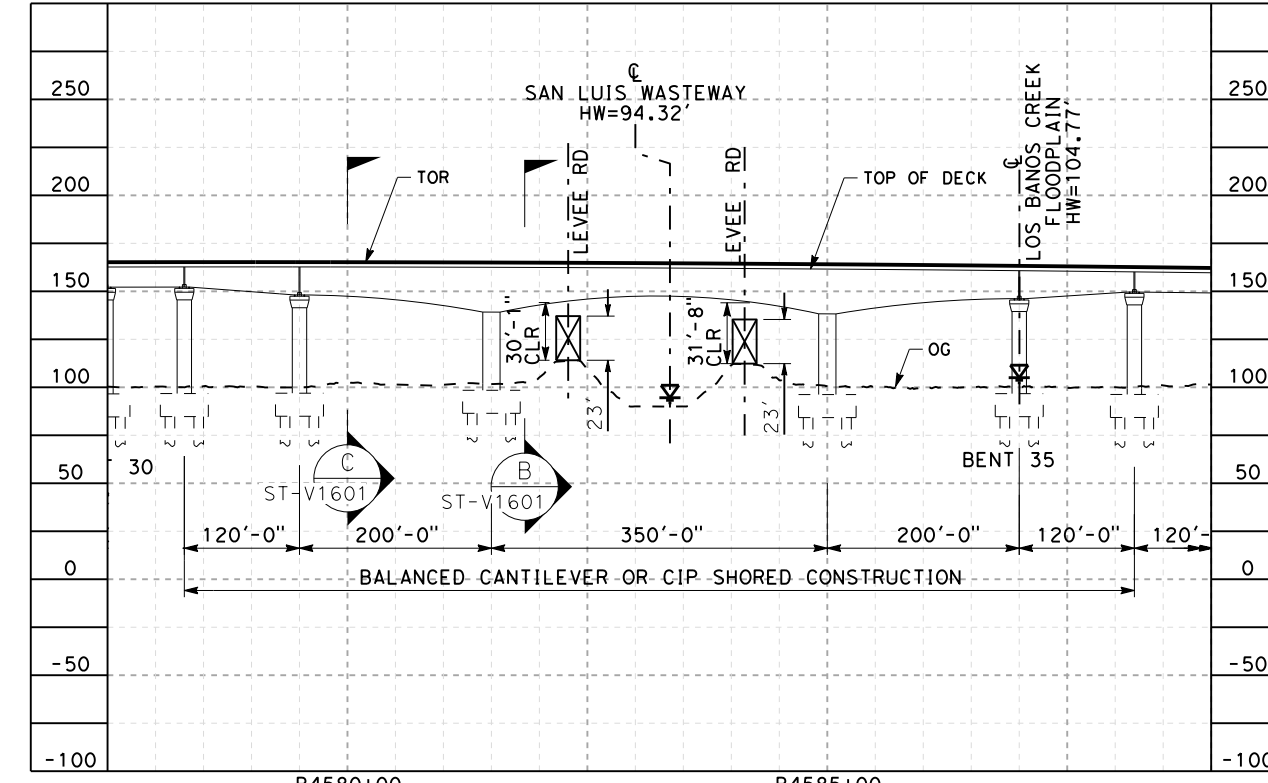
PROFILE - CHEROKEE (LEVEE) RD
SCALE: 1"=200' HOR, 1"=100' VERT



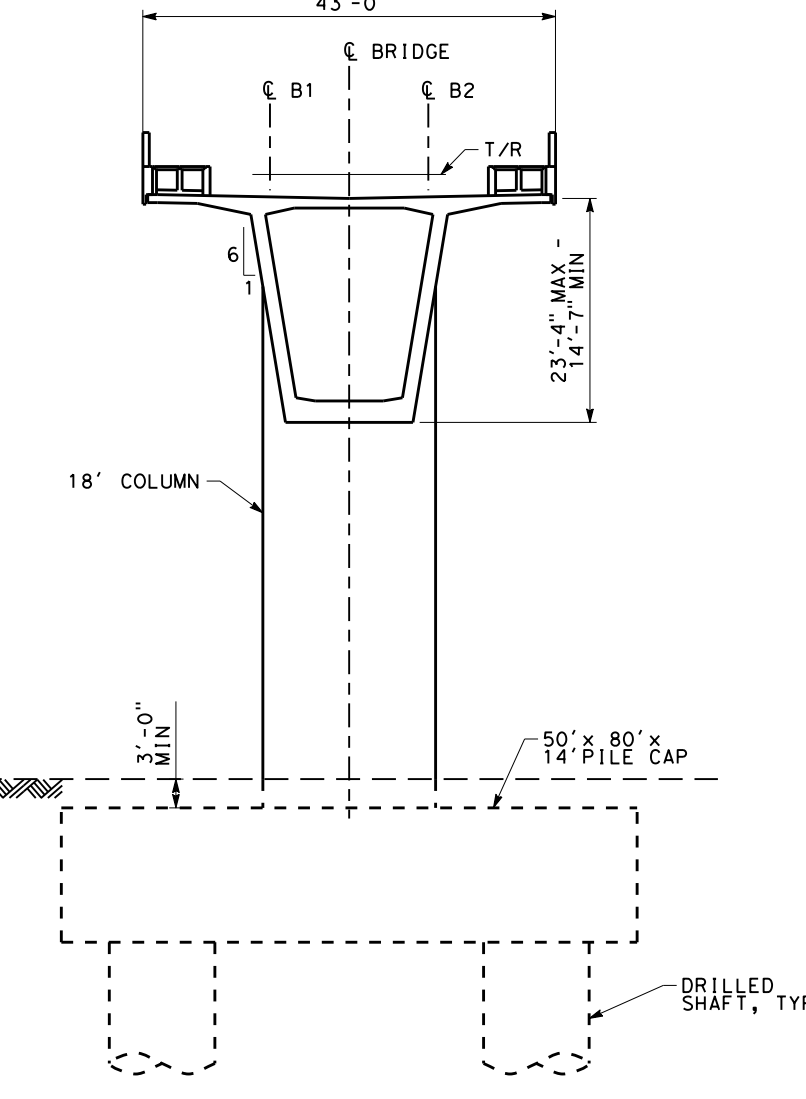
SECTION A-A
SCALE: 1"=20'-0"



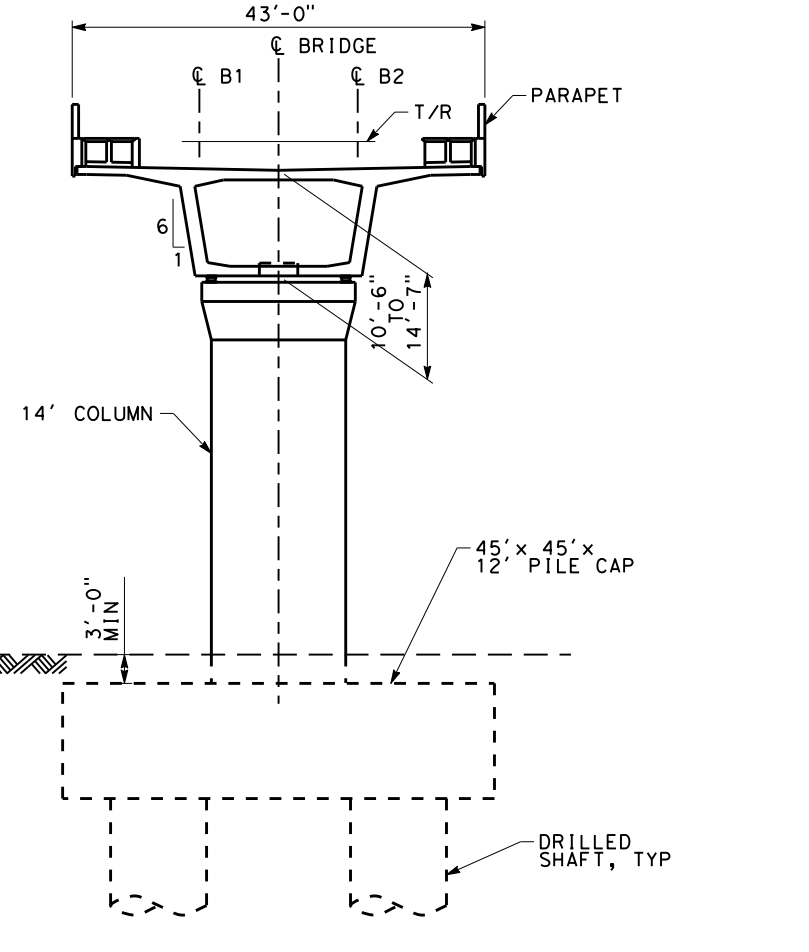
PLAN - SAN LUIS WASTEWAY
SCALE: 1"=200'



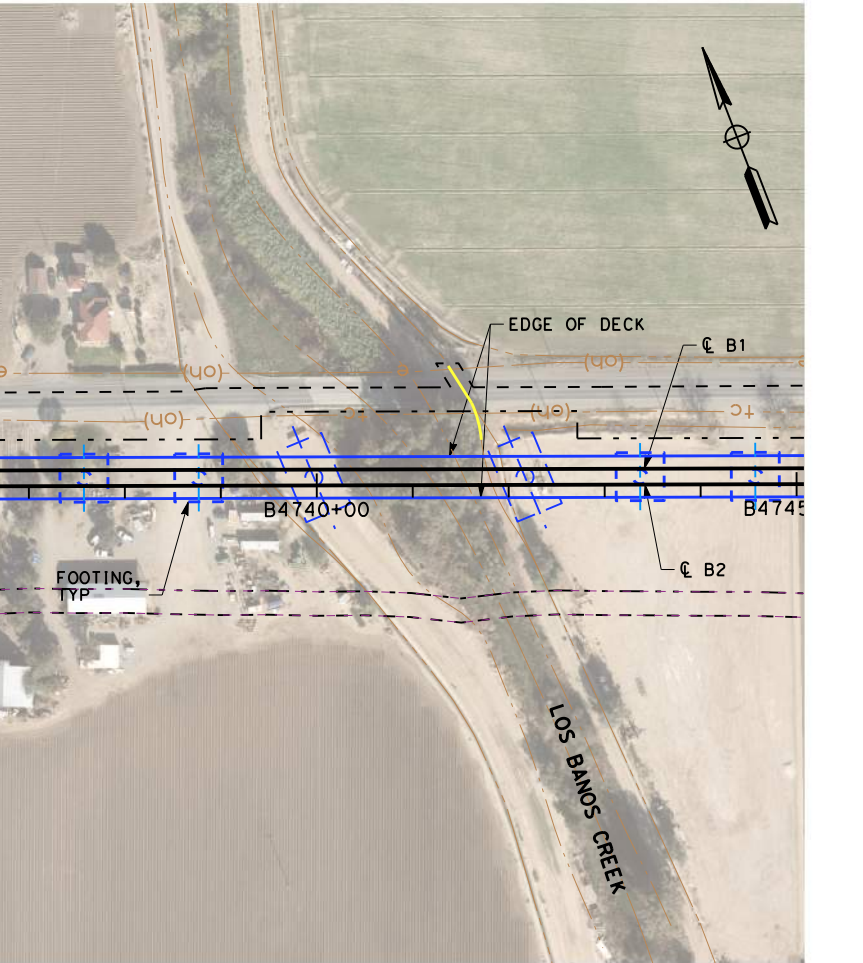
PROFILE - SAN LUIS WASTEWAY
SCALE: 1"=200' HOR, 1"=100' VERT



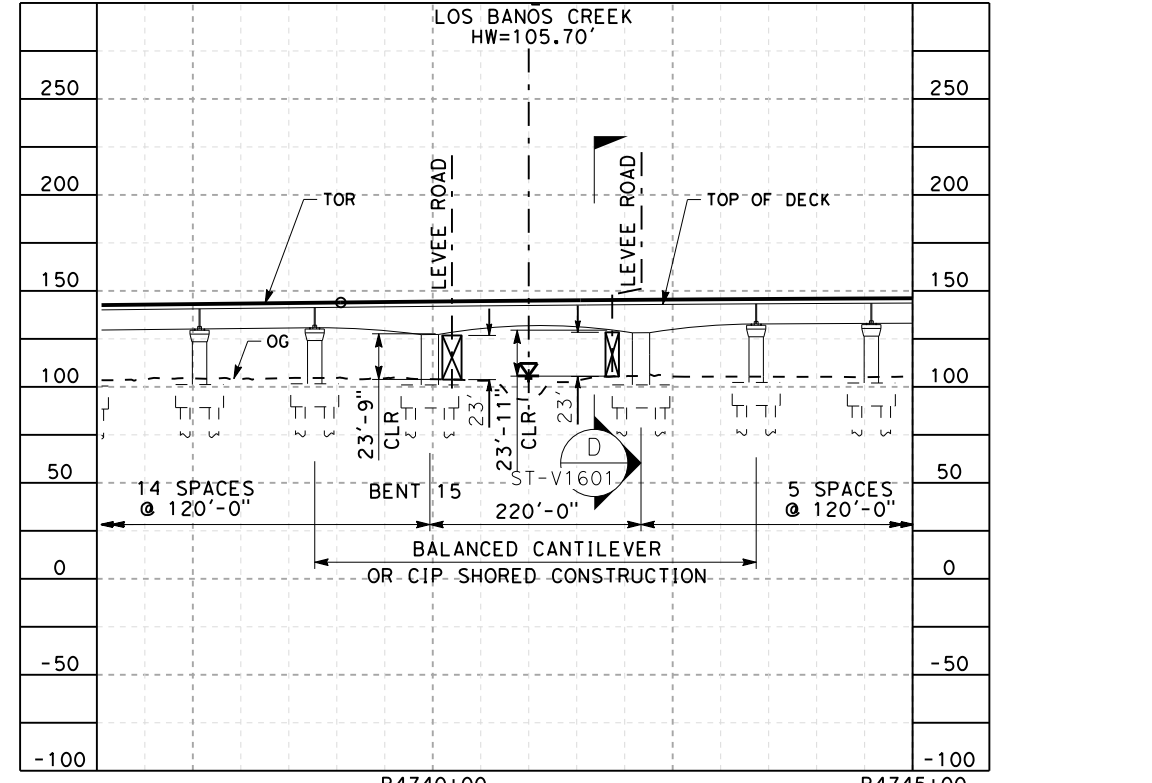
SECTION B-B
SCALE: 1"=20'-0"



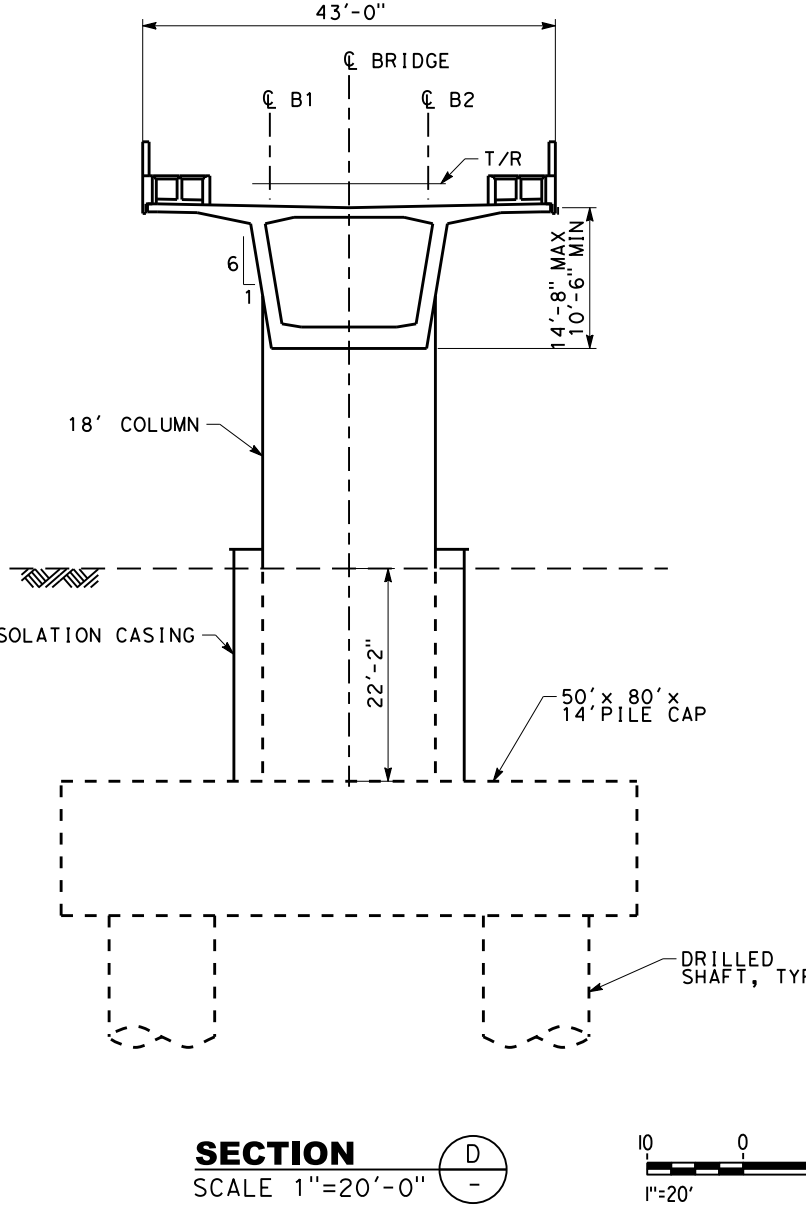
SECTION C-C
SCALE: 1"=20'-0"



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
ALTERNATIVE 2
BOOK 2B
SHEET 115 OF 285

2021 RECORD SET P&P NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT 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.
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