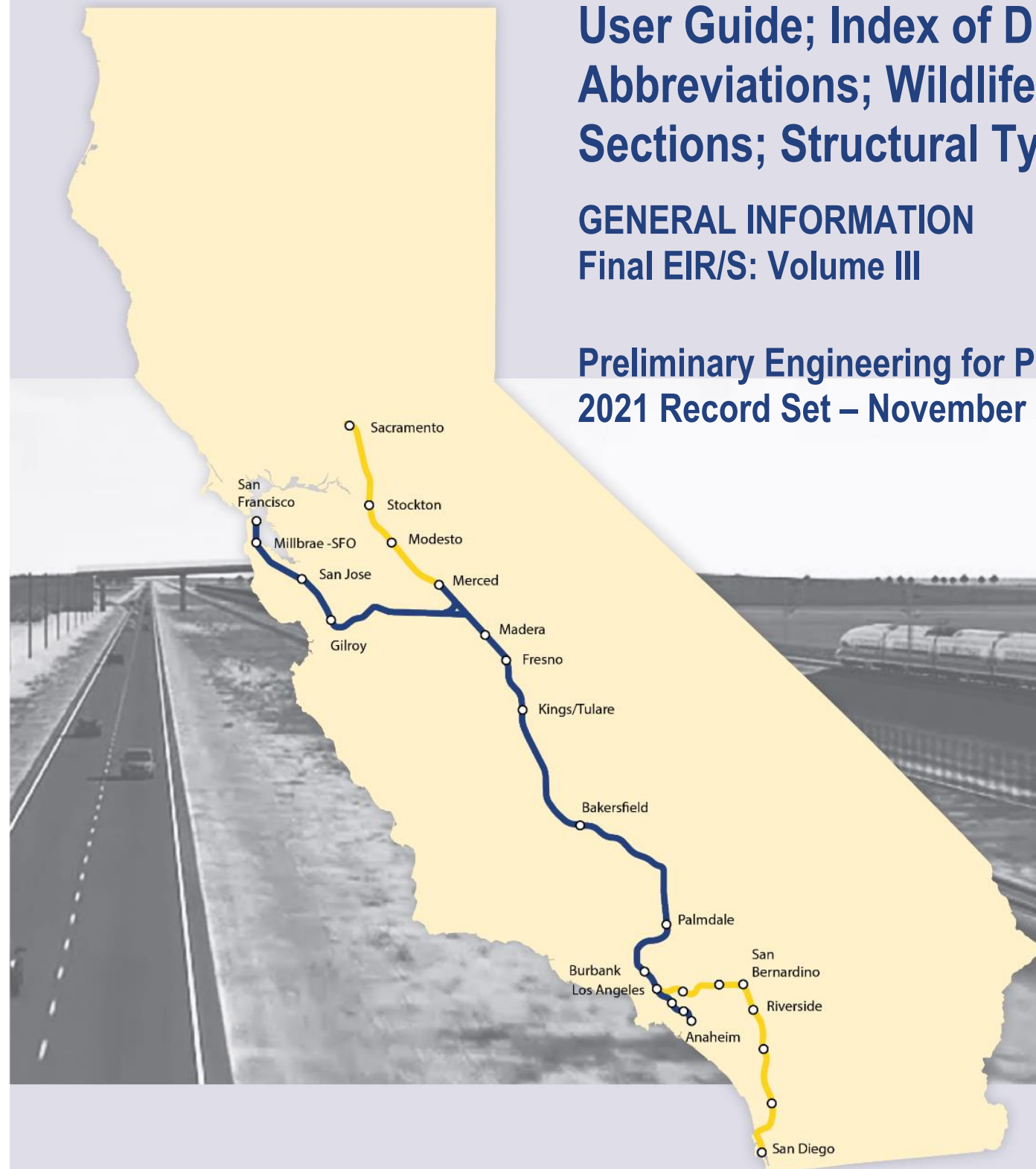


# San Jose to Merced Project Section: San Jose to Central Valley Wye

User Guide; Index of Drawings; Key Maps; General Notes; Structural General Notes; Abbreviations; Wildlife Crossings; Systems; Schedule of Quad Gates; Typical Sections; Structural Typical Sections

GENERAL INFORMATION  
Final EIR/S: Volume III

Preliminary Engineering for Project Definition  
2021 Record Set – November 2021



**SAN JOSE TO MERCED EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 1 OF 68**



# Volume III User Guide

Volume III of the Environmental Impact Report/Environmental Impact Statement (EIR/EIS) provides a series of engineering drawings, figures, and tables for the four project alternatives for the San Jose to CVY Project Section. It presents preliminary design information showing alignment, primary features, anticipated right-of-way requirements and temporary construction easement details in support of the proposed high-speed rail project.

Volume III is a part of the EIR/EIS document: it delineates the extents of the work proposed in the EIR/EIS. It also provides a useful tool for stakeholders who want to understand potential property, visual, and circulation impacts of the four project alternatives.

## Organization of Volume III

Volume III has been split into several books for readability and navigation. Each book begins with an index of drawings included in that book, and an associated key map. The General Information Book has the full index of drawings while each Project Alternative Book only includes the index for that book.

## General Information Book

The Volume III General Information Book provides the index of drawings, the key maps, and several general elements including notes, a glossary of abbreviations, wildlife crossing details, systems information, the plan for quad gates (at-grade crossings where traffic lanes in both directions are protected by safety gates), and typical sections. It provides information that is common to the four alternatives.

## Project Alternative Books

In addition to the General Information Book, detailed Volume III books are available for each project alternative.

## Contents of Project Alternative Books

The following information is included in the Project Alternative Books:

- Composite Plan, Profile, and Cross Sections:** Engineering drawings of the corridor and detailed plans that show the rail design and effects on adjacent rights-of-way and properties.
- Stations:** Illustrations of the planned stations, showing tracks, station platforms, parking lots, transit facilities, and station design elements. Includes tables describing each station program.
- Structures:** Plan and section drawings of underpasses, overpasses, viaducts, and tunnels.
- Roadways:** Plan drawings showing where streets and roads are closed, added, redirected, extended, or where grade separations are applied at the rail alignment.
- Maintenance of Way:** Drawings that illustrate the design of the planned maintenance-of-way facility, where track maintenance would be staged.
- Tunnel:** Drawings showing the design and elevations of the Pacheco Pass tunnel, an element of all four Project Alternatives.
- Construction Staging:** Engineering plans for detours, temporary structures, temporary roadways, and roadway closures at specific locations where these temporary measures are necessary during construction.
- Alignment Data Table:** Design information about track guideway curves and geometry, train design speeds, superelevations, and track stationing.

## List of Project Alternative Books

Each set of Project Alternative Books is labeled based on the project alternative number, as listed below:

### Alternative 1 Books

- 1A Composite Plan, Profile, and Cross Sections
- 1B Composite Plan, Profile, Cross Sections, Stations, and Structures
- 1C Roadways, Maintenance of Way, and Tunnels
- 1D Construction Staging and Alignment Data Tables

### Alternative 2 Books

- 2A Composite Plan, Profile, and Cross Sections
- 2B Composite Plan, Profile, Cross Sections, Stations, and Structures
- 2C Roadways
- 2D Roadways, Maintenance of Way, and Tunnels
- 2E Construction Staging and Alignment Data Tables

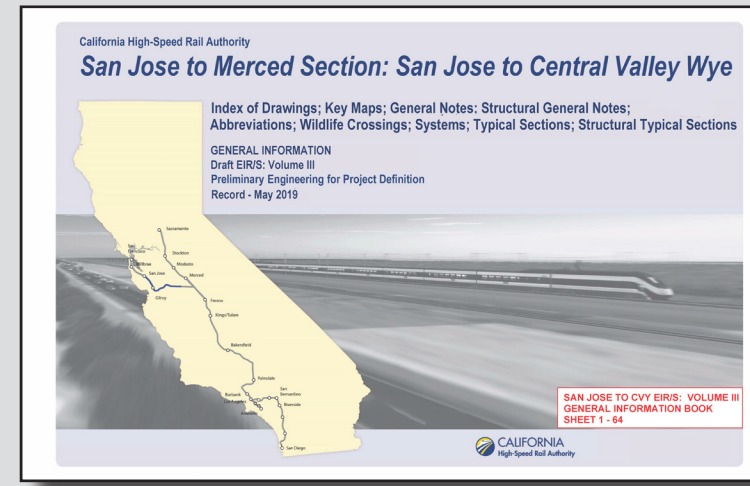
### Alternative 3 Books

- 3A Composite Plan, Profile, and Cross Sections
- 3B Composite Plan, Profile, Cross Sections, and Stations
- 3C Structures and Roadways
- 3D Roadways, Maintenance of Way, and Tunnels
- 3E Construction Staging
- 3F Alignment Data Tables

### Alternative 4 Books

- 4A Composite Plan, Profile, and Cross Sections
- 4B Composite Plan, Profile, and Cross Sections
- 4C Stations
- 4D Structures, Roadways, and Maintenance of Way
- 4E Tunnels, Construction Staging, and Alignment Data Tables

Because some alternatives have more books and others have fewer, information may not be in the same books across alternatives. For example, information on structures is in Books 1B, 2B, 3C, and 4D.



## How to Find a Property in Volume III

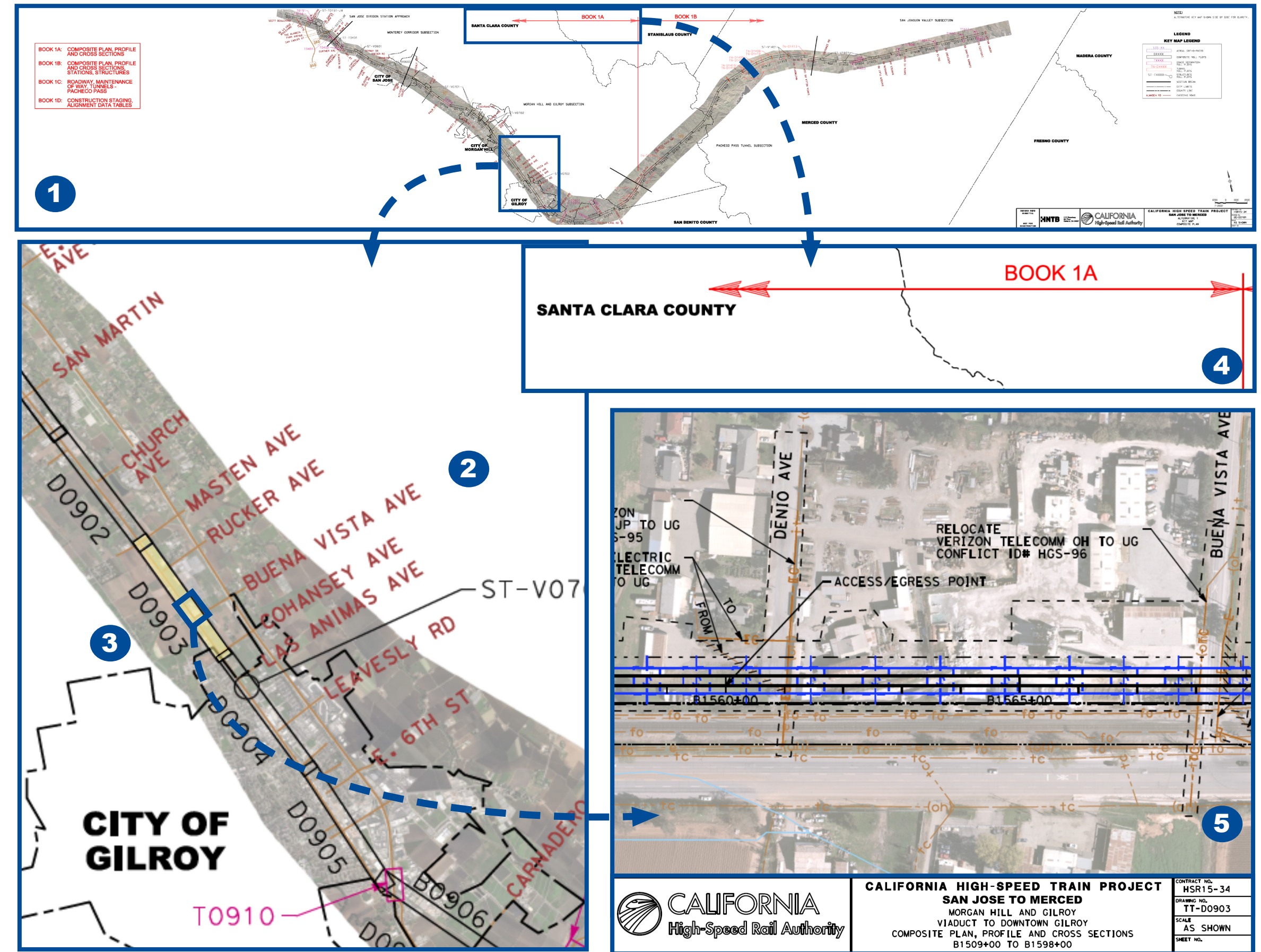
You can use Volume III to identify impacts that project alternatives may have on specific areas. This information is contained in the drawings showing the high-speed rail project alternative alignments, which are shown in **Composite Plan, Profile, and Cross Sections**. These drawings are in Volume III Books A and B for each of the alternatives (e.g., see Books 1A and 1B for Alternative 1 drawings, 2A and 2B for Alternative 2 drawings, etc.). The composite plans include technical drawings to illustrate high-speed rail's design and its footprint (the footprint refers to the land used for the rail line, station construction, electric equipment, facilities, access roads, and other rail amenities).

## The Key Map

The Key Map orients users to identify specific drawings along the corridor. Key Maps for all four project alternatives are shown in the Volume III General Information Book on the four sheets immediately following the Index.

To find a property adjacent to a high-speed rail alignment alternative:

- Check the Key Map**  
The Key Map illustrates the drawing numbers for all of the detailed engineering drawings.
- Look for the City and Cross Streets**  
On the Key Map, find cross streets and other landmarks to help you locate the part of the map where you want to take a closer look.
- Find the Drawing Number**  
Each narrow rectangle represents the boundary of a detailed engineering drawing and is labeled with a unique drawing number.  
  
For example, the narrow rectangle highlighted in yellow shows the section of the rail alignment between Masten Ave. and Cohansey Ave. D0903, the label next to this rectangle, means drawing number TT-D0903 is the technical drawing for this area (Note: the Key Map omits the "TT-" on the drawing number reference).
- Locate the Book Number**  
The red arrow at the top of the Key Map shows where you'll find the detailed engineering drawing you seek.  
  
If you want to see drawing TT-D0903, you'll find it in Book 1A.
- Go to the Engineering Drawing**  
Find each detailed engineering drawing on its own page.  
  
Open Book 1A and turn to drawing TT-D0903. This detailed drawing shows the entire section between Masten Ave. and Cohansey Ave. If you're searching for a property impacted by the project footprint near Buena Vista Ave., you can locate it by finding Buena Vista Ave. on the engineering drawing.



## The Index

Each book begins with an index of drawings included in that book, and an associated key map. The General Information book includes a complete index. The complete index of drawings lists all of the pages (called "sheets") in numerical order. The different columns show the boundary or information available on each page. After finding a property on the Key Map, you can check the index for the composite plans (shown in the example below) to find additional information.

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION OR FEATURE	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
BOOK 1A	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 1	
BOOK 1A	B	GE-A0101	SAN JOSE DIRIDON STATION APPROACH, MONTEREY CORRIDOR, MORGAN HILL AND GILROY	SCOTT BLVD TO PACHECO PASS HWY	INDEX OF DRAWING	SHEET 1 OF 7	
BOOK 1A	C	GE-D0101	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 1A	D	GE-D0102	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	
<b>COMPOSITE PLANS</b>							
<b>SAN JOSE DIRIDON STATION APPROACH</b>							
BOOK 1A	1	TT-D0151	SAN JOSE DIRIDON STATION APPROACH	SCOTT BLVD TO BROKAW RD	VIADUCT TO I-880	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2250+00 TO B2340+00
BOOK 1A	2	TT-D0152	SAN JOSE DIRIDON STATION APPROACH	I-880 TO W TAYLOR ST	VIADUCT TO I-880	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2340+00 TO B2430+00
BOOK 1A	3	TT-D0153	SAN JOSE DIRIDON STATION APPROACH	CINNABAR ST TO PARK AVE	VIADUCT TO I-880	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2430+00 TO B58+00
BOOK 1A	4	TT-D0301	SAN JOSE DIRIDON STATION APPROACH	PARK AVE TO WILLOW ST	VIADUCT TO I-880	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B58+00 TO B125+00
<b>MONTEREY CORRIDOR</b>							
BOOK 1A	5	TT-D0401	MONTEREY CORRIDOR	WILLOW ST, CURTNER AVE	VIADUCT/AT-GRADE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B125+00 TO B211+00

**Need Assistance?**  
Call us: 1-800-455-8166  
Email us: san.jose\_merced@hsr.ca.gov

**Viewing Volume III as a PDF online? Downloaded a PDF from the High-Speed Rail Authority website?**  
You can use built-in PDF tools like bookmarks to navigate the document and the find function to locate places.

For example, use the find function (Ctrl+F on a PC; ⌘+F on a Mac) to search for a cross street. All instances of the street label will show up, including those in maps and engineering drawings.

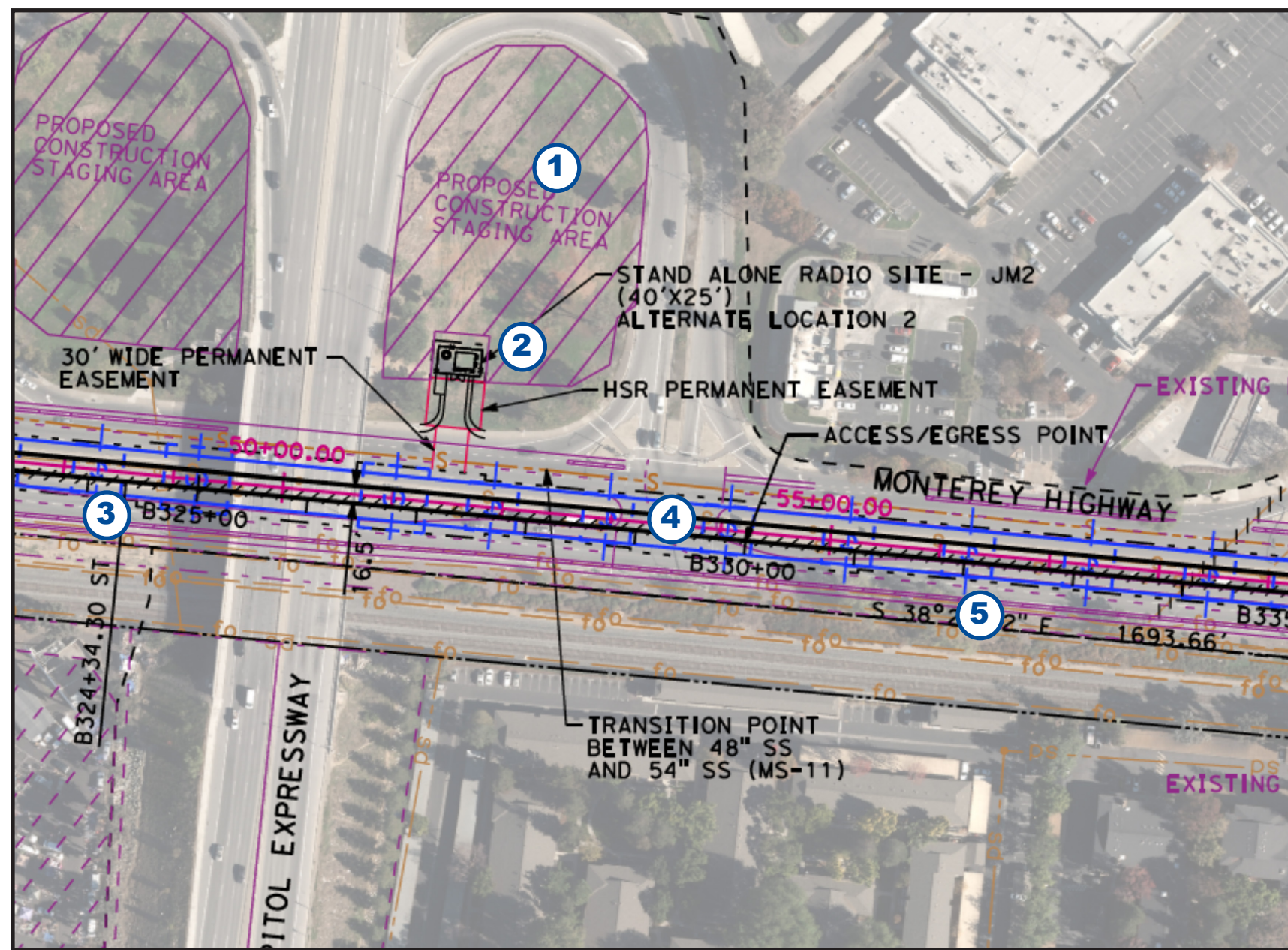


# Understanding the Information in Volume III

## Plans

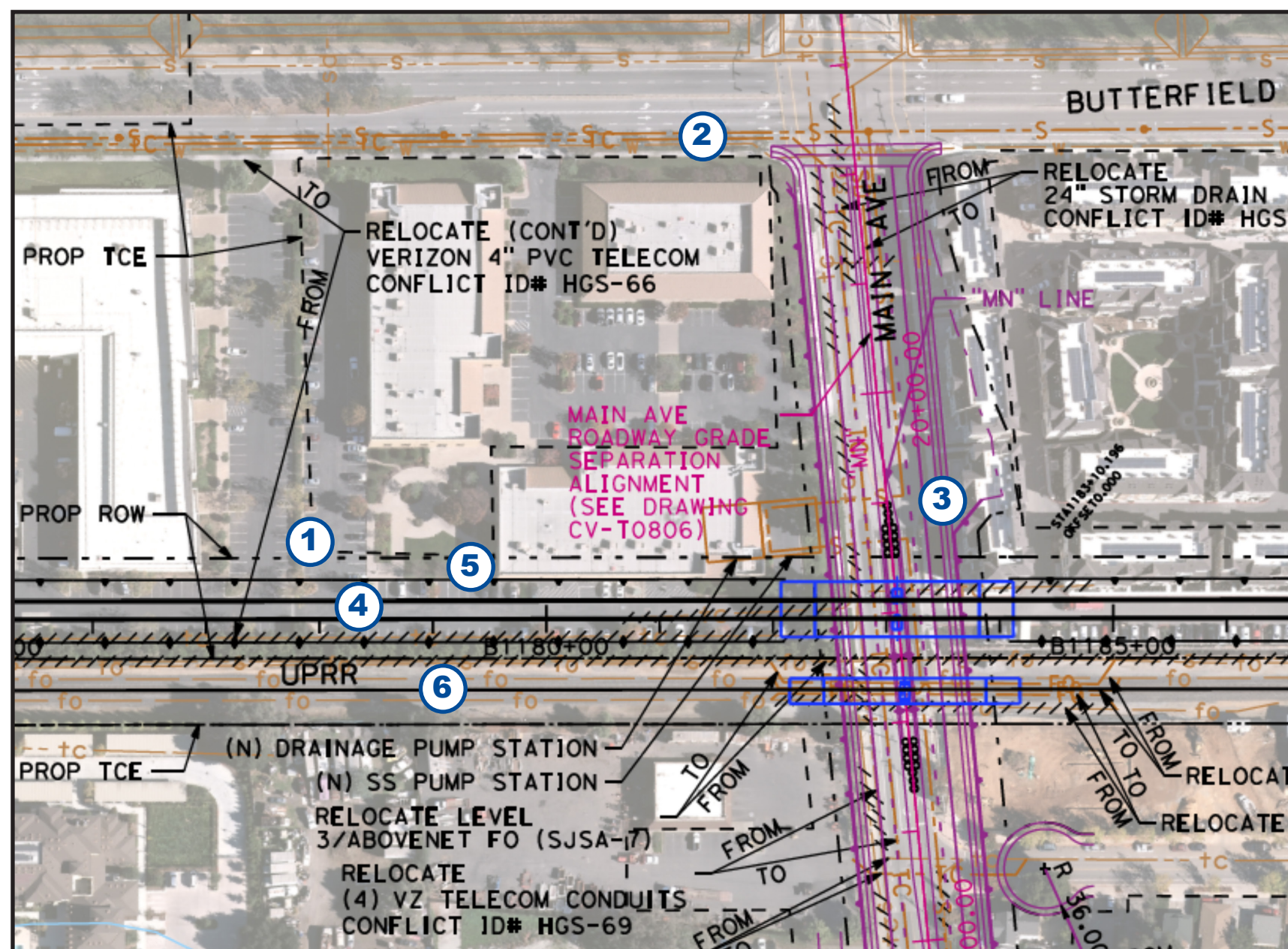
The plans in Volume III are detailed drawings of the project corridor that show the location of proposed high-speed rail infrastructure, existing and proposed rights-of-way, road alignments, utility lines, planned developments, and other features. Four enlarged examples from several plans are annotated below to highlight the different features that are labeled on these drawings.

- Proposed construction staging areas are marked on the plans.
- The proposed locations of facilities such as stand-alone radio sites and automatic train control sites are shown on the plans. In many cases, there are two potential locations for these facilities. In this example, alternate location 2 for the stand-alone radio site is shown (alternate location 1 is located 0.3 miles to the west). Ultimately, only one site will be selected.
- Blue lines indicate the footprint of proposed structures, such as the viaduct shown in this example.
- The high-speed rail tracks are shown as two black lines.
- Magenta lines show how roadways, such as Monterey Highway in this example, will be realigned.



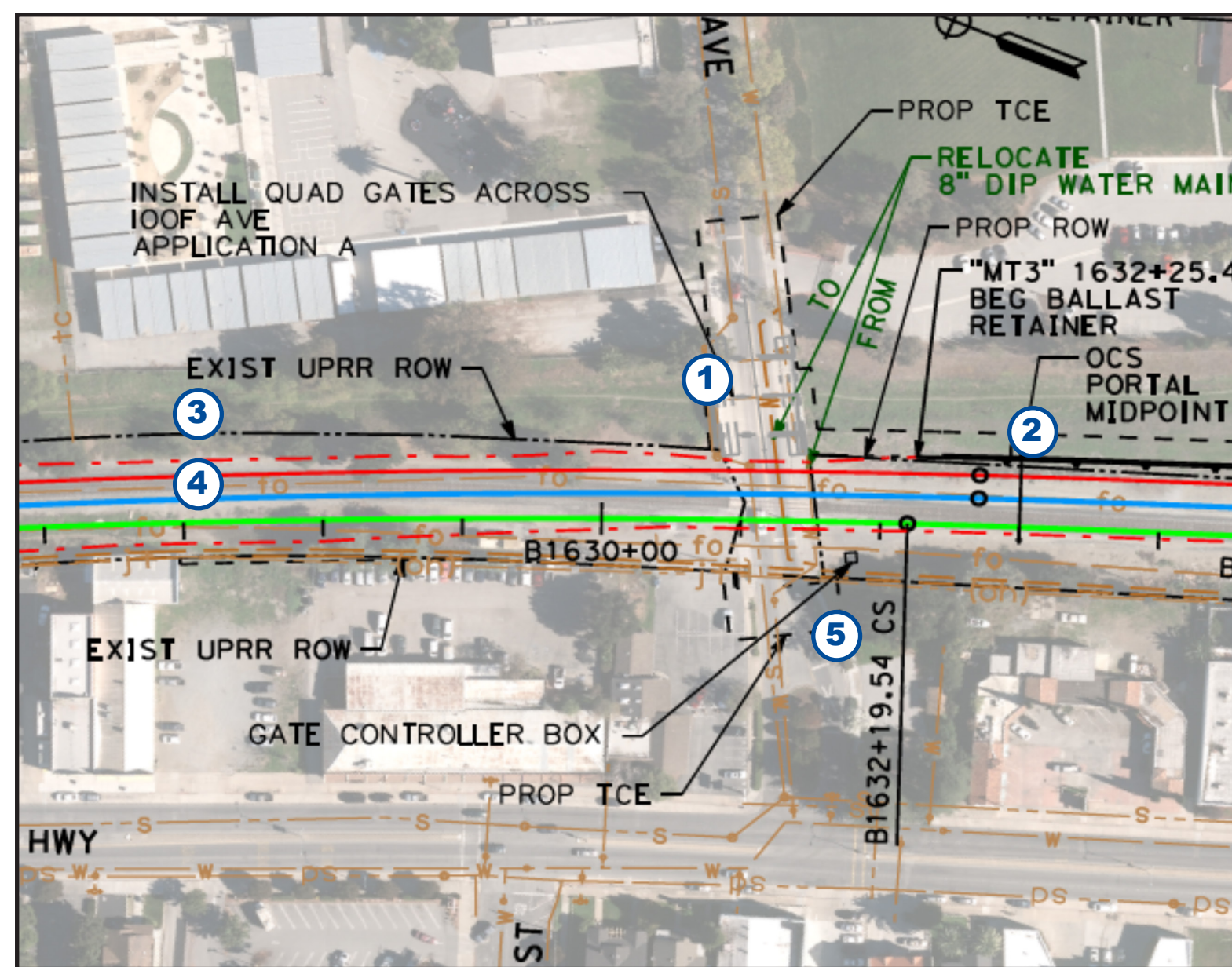
Example 1: Intersection of Capitol Expressway and Monterey Highway in San Jose

- The dashed line labeled "PROP TCE" indicates a proposed temporary construction easement and the dashed line labeled "PROP ROW" indicates the boundary of the proposed high-speed rail right-of-way.
- Brown lines mark utility features such as gas, water, sewer, and telecommunications lines.
- Road realignments are shown by magenta lines. Note that a detailed drawing of the grade separation at E Main Avenue can be found on drawing CV-T0806.
- The high-speed rail tracks are shown as two black lines.
- The black lines with small triangles indicate the tracks are supported by retained fill.
- The location of the UPRR track is labeled.



Example 2: Intersection of Butterfield Ave and E Main Ave in Morgan Hill

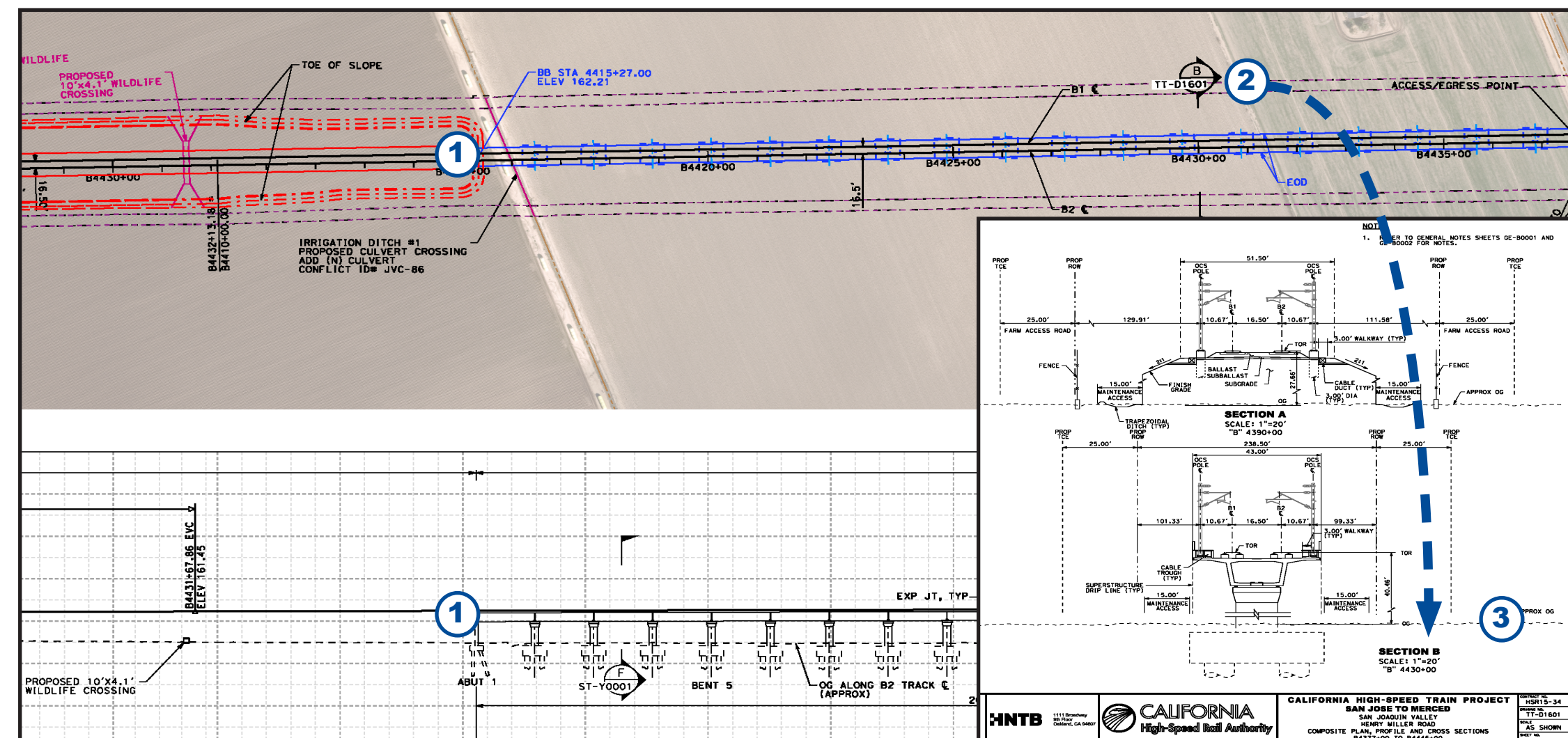
- The location and style of quad gates that will be installed on IOOF Ave are labeled. The General Information Book contains drawings of the different configurations of quad gates.
- The location of overhead contact system (OCS) portals are labeled as "OCS PORTAL MIDPOINT." These will require a small (10 foot by 10 foot) area of right-of-way.
- The dashed line labeled "EXIST UPRR ROW" indicates the existing UPRR right-of-way.
- The red line indicates the relocated UPRR freight track. The blue line marks the northbound passenger track and the green line marks the southbound passenger track.
- The dashed line labeled "PROP TCE" indicates a proposed temporary construction easement.



Example 3: Intersection of IOOF Ave and Monterey Rd in Gilroy

## Cross Sections and Vertical Profiles

In addition to the plan view of the rail corridor, Volume III composite plan sheets include cross sections and a vertical profile of the alignment. Cross sections are shown on each sheet to represent the track configuration at a specific location on that drawing. A vertical profile is an engineering drawing representing what the design would look like from the side, or profile, of the alignment. An example is shown below.



Example 4: East of Fahey Road Crossing

- The profile corresponds to the plan above. You can see where the alignment transitions from being on embankment (red lines on the plan, which show the width of the embankment) to viaduct (blue lines on the plan) in the profile drawing.
- Look for this symbol on the plan to indicate the location of a cross section drawing. In this case, Cross Section B shows a drawing of the viaduct at point B on the plan.
- The dashed line in the vertical profile indicates ground level.

## Colors/Legend

A legend for the composite plans can be found on sheet 38 of the General Information Book. The four previous examples highlight the most common markings that are found on the composite plans, but the legend may be referenced to help understand the information depicted in the plans.

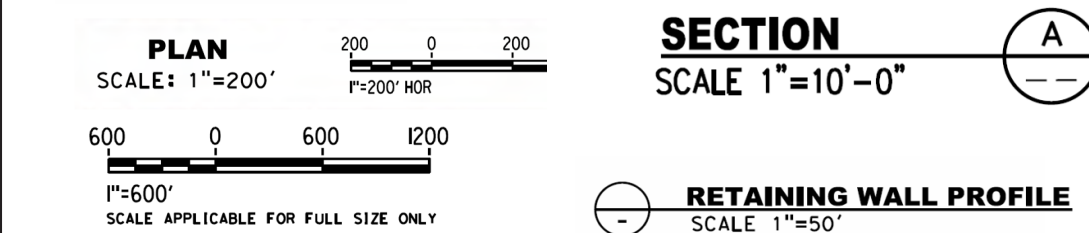
- "MT" means main track and "B" indicates alignment stationing of the southbound passenger track with tick marks at 100' intervals.
- A 100-year flood event has a 1 in 100 (1%) chance of happening in any given year.
- Caltrain station platforms and high-speed rail station platforms are distinguished by different styles of hatching.
- Utilities are marked with brown lines.
- Structural features, marked with blue lines, generally refer to viaducts and other bridges.
- Realigned roadways are drawn in magenta.
- Embankments are shown with dashed red lines, and cuts are shown with dashed green lines.
- Grade separation features include proposed wildlife crossings.
- Tunnel sections (found only in the Pacheco Pass area) are indicated by a black outline.

### LEGEND:

NEW/RELOCATED:	EXIST:	
		UPRR/MT\FREIGHT TRACK
		YARD TRACK
		NON ELECTRIFIED TRACK
		HSR B1 NORTHBOUND TRACK
		HSR B2 SOUTHBOUND TRACK
		HSR MT2 NORTHBOUND TRACK
		HSR MT3 SOUTHBOUND TRACK
		100-YEAR FLOOD ZONE LIMIT
		CALTRAIN PLATFORM
		PROPOSED HSR PLATFORM
		EXISTING UTILITY FEATURES
		PROPOSED UTILITY FEATURES
		PROPOSED STRUCTURAL FEATURES
		PROPOSED ROADWAY GEOMETRY
		PROPOSED TRACK ALIGNMENT
		PROPOSED EMBANKMENT
		PROPOSED CUT
		PROPOSED GRADE SEPARATION FEATURES
		PROPOSED TUNNEL FEATURES

## Scale

The drawings in Volume III are scaled, meaning the measurements in these drawings are in proportion to the actual locations they represent. For example, one inch of a drawing might represent 600 feet of the real alignment. All drawings show their scale. Note that some drawings have different horizontal and vertical scales, and these are shown on the drawing.





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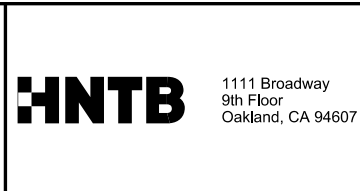
GENERAL INFORMATION				
SHEET NO	DRAWING NO	ALTERNATIVE	ALIGNMENT OR FEATURE	SHEET DESCRIPTION
1	COVER	GENERAL	N/A	N/A
2	USER GUIDE	GENERAL	USER GUIDE	SHEET 1 OF 2
3	USER GUIDE	GENERAL	USER GUIDE	SHEET 2 OF 2
GENERAL				
4	GE-AG101	GENERAL	INDEX OF DRAWINGS	SHEET 1 OF 2
5	GE-AG102	GENERAL	INDEX OF DRAWINGS	SHEET 2 OF 2
6	GE-A0101	ALTERNATIVE 1	INDEX OF DRAWINGS	SHEET 1 OF 7
7	GE-A0102	ALTERNATIVE 1	INDEX OF DRAWINGS	SHEET 2 OF 7
8	GE-A0103	ALTERNATIVE 1	INDEX OF DRAWINGS	SHEET 3 OF 7
9	GE-A0104	ALTERNATIVE 1	INDEX OF DRAWINGS	SHEET 4 OF 7
10	GE-A0105	ALTERNATIVE 1	INDEX OF DRAWINGS	SHEET 5 OF 7
11	GE-A0106	ALTERNATIVE 1	INDEX OF DRAWINGS	SHEET 6 OF 7
12	GE-A0107	ALTERNATIVE 1	INDEX OF DRAWINGS	SHEET 7 OF 7
13	GE-A0201	ALTERNATIVE 2	INDEX OF DRAWINGS	SHEET 1 OF 8
14	GE-A0202	ALTERNATIVE 2	INDEX OF DRAWINGS	SHEET 2 OF 8
15	GE-A0203	ALTERNATIVE 2	INDEX OF DRAWINGS	SHEET 3 OF 8
16	GE-A0204	ALTERNATIVE 2	INDEX OF DRAWINGS	SHEET 4 OF 8
17	GE-A0205	ALTERNATIVE 2	INDEX OF DRAWINGS	SHEET 5 OF 8
18	GE-A0206	ALTERNATIVE 2	INDEX OF DRAWINGS	SHEET 6 OF 8
19	GE-A0207	ALTERNATIVE 2	INDEX OF DRAWINGS	SHEET 7 OF 8
20	GE-A0208	ALTERNATIVE 2	INDEX OF DRAWINGS	SHEET 8 OF 8
21	GE-A0301	ALTERNATIVE 3	INDEX OF DRAWINGS	SHEET 1 OF 7
22	GE-A0302	ALTERNATIVE 3	INDEX OF DRAWINGS	SHEET 2 OF 7
23	GE-A0303	ALTERNATIVE 3	INDEX OF DRAWINGS	SHEET 3 OF 7
24	GE-A0304	ALTERNATIVE 3	INDEX OF DRAWINGS	SHEET 4 OF 7
25	GE-A0305	ALTERNATIVE 3	INDEX OF DRAWINGS	SHEET 5 OF 7
26	GE-A0306	ALTERNATIVE 3	INDEX OF DRAWINGS	SHEET 6 OF 7
27	GE-A0307	ALTERNATIVE 3	INDEX OF DRAWINGS	SHEET 7 OF 7
28	GE-A0401	ALTERNATIVE 4	INDEX OF DRAWINGS	SHEET 1 OF 6
29	GE-A0402	ALTERNATIVE 4	INDEX OF DRAWINGS	SHEET 2 OF 6
30	GE-A0403	ALTERNATIVE 4	INDEX OF DRAWINGS	SHEET 3 OF 6
31	GE-A0404	ALTERNATIVE 4	INDEX OF DRAWINGS	SHEET 4 OF 6
32	GE-A0405	ALTERNATIVE 4	INDEX OF DRAWINGS	SHEET 5 OF 6
33	GE-A0406	ALTERNATIVE 4	INDEX OF DRAWINGS	SHEET 6 OF 6
34	GE-D0101	ALTERNATIVE 1	KEY MAP	COMPOSITE PLAN
35	GE-D0102	ALTERNATIVE 1	KEY MAP	SYSTEMS SITES
36	GE-D0201	ALTERNATIVE 2	KEY MAP	COMPOSITE PLAN
37	GE-D0202	ALTERNATIVE 2	KEY MAP	SYSTEMS SITES
38	GE-D0301	ALTERNATIVE 3	KEY MAP	COMPOSITE PLAN
39	GE-D0302	ALTERNATIVE 3	KEY MAP	SYSTEMS SITES
40	GE-D0401	ALTERNATIVE 4	KEY MAP	COMPOSITE PLAN
41	GE-D0402	ALTERNATIVE 4	KEY MAP	SYSTEMS SITES

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 4 OF 68**

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DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	

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NOVEMBER 30, 2021  
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**  
GENERAL  
INDEX OF DRAWING  
SHEET 1 OF 2

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-AG101
SCALE	NONE
SHEET NO.	



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GENERAL INFORMATION				
SHEET NO	DRAWING NO	ALTERNATIVE	ALIGNMENT OR FEATURE	SHEET DESCRIPTION
<b>GENERAL</b>				
42	GE-B0001	GENERAL	GENERAL NOTES	
43	GE-B0002	GENERAL	STRUCTURAL GENERAL NOTES	
44	GE-C0001	GENERAL	ABBREVIATIONS	SHEET 1 OF 2
45	GE-C0002	GENERAL	ABBREVIATIONS	SHEET 2 OF 2
46	GE-C0003	GENERAL	WILDLIFE CROSSING DETAILS	SHEET 1 OF 8
47	GE-C0004	GENERAL	WILDLIFE CROSSING DETAILS	SHEET 2 OF 8
48	GE-C0005	GENERAL	WILDLIFE CROSSING DETAILS	SHEET 3 OF 8
49	GE-C0006	GENERAL	WILDLIFE CROSSING DETAILS	SHEET 4 OF 8
50	GE-C0007	GENERAL	WILDLIFE CROSSING DETAILS	SHEET 5 OF 8
51	GE-C0008	GENERAL	WILDLIFE CORRIDOR DETAILS	SHEET 6 OF 8
52	GE-C0008A	GENERAL	WILDLIFE CORRIDOR DETAIL	SHEET 7 OF 8
53	GE-C0009	GENERAL	WILDLIFE CROSSING DETAILS	SHEET 8 OF 8
54	GE-C0010	GENERAL	WILDLIFE CROSSING TABLES	SHEET 1 OF 3
55	GE-C0011	GENERAL	WILDLIFE CROSSING TABLES	SHEET 2 OF 3
56	GE-C0012	GENERAL	WILDLIFE CROSSING TABLES	SHEET 3 OF 3
57	GE-F0001	GENERAL	SYSTEMS	PG&E UPGRADE
58	GE-F0002	GENERAL	SYSTEMS	PG&E UPGRADE
59	GE-F0003	GENERAL	SYSTEMS	PG&E UPGRADE
60	GE-F0004	GENERAL	SYSTEMS	PG&E UPGRADE
61	GE-F0005	GENERAL	SYSTEMS	PG&E UPGRADE
62	GE-F0006	GENERAL	SYSTEMS	PG&E UPGRADE
63	GE-R0001	GENERAL	SCHEDULE OF QUAD GATES	
<b>TYPICAL SECTIONS</b>				
64	TT-Y0001	GENERAL	TYPICAL SECTIONS	SHEET 1 OF 3
65	TT-Y0002	GENERAL	TYPICAL SECTIONS	SHEET 2 OF 3
66	TT-Y0003	GENERAL	TYPICAL SECTIONS	SHEET 3 OF 3
67	ST-Y0001	GENERAL	STRUCTURAL - TYPICAL SECTIONS	SHEET 1 OF 2
68	ST-Y0002	GENERAL	STRUCTURAL - TYPICAL SECTIONS	SHEET 2 OF 2

**SAN JOSE TO CVY EIR/S: VOLUME III  
 GENERAL INFORMATION BOOK  
 SHEET 5 OF 68**

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DESIGNED BY	
DRAWN BY	
CHECKED BY	
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DATE	

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 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**  
 GENERAL  
 INDEX OF DRAWING  
 SHEET 2 OF 2

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-AG102
SCALE	NONE
SHEET NO.	



**ALTERNATIVE 1 - VIADUCT TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION OR FEATURE	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
BOOK 1A	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 1	
BOOK 1A	B	GE-A0101	SAN JOSE DIRIDON STATION APPROACH, MONTEREY CORRIDOR, MORGAN HILL AND GILROY	SCOTT BLVD TO PACHECO PASS HWY	INDEX OF DRAWING	SHEET 1 OF 7	
BOOK 1A	C	GE-D0101	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 1A	D	GE-D0102	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**COMPOSITE PLANS**

**SAN JOSE DIRIDON STATION APPROACH**

BOOK 1A	1	TT-D0151	SAN JOSE DIRIDON STATION APPROACH	SCOTT BLVD TO BROKAW RD	VIADUCT TO I-880	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2250+00 TO B2340+00
BOOK 1A	2	TT-D0152	SAN JOSE DIRIDON STATION APPROACH	I-880 TO W TAYLOR ST	VIADUCT TO I-880	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2340+00 TO B2430+00
BOOK 1A	3	TT-D0153	SAN JOSE DIRIDON STATION APPROACH	CINNABAR ST TO PARK AVE	VIADUCT TO I-880	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2430+00 TO B58+00
BOOK 1A	4	TT-D0301	SAN JOSE DIRIDON STATION APPROACH	PARK AVE TO WILLOW ST	VIADUCT TO I-880	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B58+00 TO B125+00
BOOK 1A	5	TT-Y0301	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	PROJECT BOUNDARY DETAILS	

**MONTEREY CORRIDOR**

BOOK 1A	6	TT-D0401	MONTEREY CORRIDOR	WILLOW ST, CURTNER AVE	VIADUCT/AT-GRADE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B125+00 TO B211+00
BOOK 1A	7	TT-Y0401	MONTEREY CORRIDOR	N/A	VIADUCT/AT-GRADE	PROJECT BOUNDARY DETAILS	
BOOK 1A	8	TT-D0601	MONTEREY CORRIDOR	COMMUNICATION HILL BLVD, ESFAHAN CT	VIADUCT	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B211+00 TO B285+00
BOOK 1A	9	TT-D0602	MONTEREY CORRIDOR	CAPITOL EXPRESSWAY, SKYWAY DR	VIADUCT	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B285+00 TO B373+00
BOOK 1A	10	TT-D0603	MONTEREY CORRIDOR	BRANHAM LN, BLOSSOM HILL RD	VIADUCT	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B373+00 TO B462+00
BOOK 1A	11	TT-D0604	MONTEREY CORRIDOR	FORD RD	VIADUCT	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B462+00 TO B552+00
BOOK 1A	12	TT-Y0601	MONTEREY CORRIDOR	N/A	VIADUCT	PROJECT BOUNDARY DETAILS	

**MORGAN HILL AND GILROY**

BOOK 1A	13	TT-D0701	MORGAN HILL AND GILROY	W VALLEY FREEWAY, MENARD DR	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B552+00 TO B730+00
BOOK 1A	14	TT-D0702	MORGAN HILL AND GILROY	METCALE RD, BLANCHARD RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B642+00 TO B732+00
BOOK 1A	15	TT-D0703	MORGAN HILL AND GILROY	BAILEY AVE, RICHMOND AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B732+00 TO B8220+00
BOOK 1A	16	TT-D0704	MORGAN HILL AND GILROY	OGIER AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B822+00 TO B905+00
BOOK 1A	17	TT-D0705	MORGAN HILL AND GILROY	KIRBY AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B905+00 TO B995+00
BOOK 1A	18	TT-D0706	MORGAN HILL AND GILROY	BURNETT AVE, COCHRANE RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B995+00 TO B1085+00
BOOK 1A	19	TT-D0707	MORGAN HILL AND GILROY	E MAIN AVE, BARRETT AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1085+00 TO B1175+00
BOOK 1A	20	TT-D0708	MORGAN HILL AND GILROY	TENNANT AVE, E MIDDLE AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1175+00 TO B1265+00
BOOK 1A	21	TT-Y0701	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	
BOOK 1A	22	TT-D0901	MORGAN HILL AND GILROY	CALIFORNIA AVE, COX AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1265+00 TO B1425+00
BOOK 1A	23	TT-D0902	MORGAN HILL AND GILROY	HIGHLAND AVE, LENA AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1425+00 TO B1509+00
BOOK 1A	24	TT-D0903	MORGAN HILL AND GILROY	MASTEN AVE, COHANSEY AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1509+00 TO B1598+00
BOOK 1A	25	TT-D0904	MORGAN HILL AND GILROY	FARRELL AVE, IOOF AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1598+00 TO B1685+00
BOOK 1A	26	TT-D0905	MORGAN HILL AND GILROY	LEWIS ST, LUCHESSA AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1685+00 TO B1767+00
BOOK 1A	27	TT-D0906	MORGAN HILL AND GILROY	US 101, CARNADERO AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1767+00 TO B1855+00
BOOK 1A	28	TT-D0906A	MORGAN HILL AND GILROY	US 101, CARNADERO AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1767+00 TO B1855+00 - TUNNEL DESIGN VARIANT
BOOK 1A	29	TT-D0907	MORGAN HILL AND GILROY	BLOOMFIELD AVE, SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1855+00 TO B1930+00
BOOK 1A	30	TT-D0907A	MORGAN HILL AND GILROY	BLOOMFIELD AVE, SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1855+00 TO B1930+00 - TUNNEL DESIGN VARIANT
BOOK 1A	31	TT-D0908	MORGAN HILL AND GILROY	PAJARO RIVER	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1930+00 TO B2017+00
BOOK 1A	32	TT-D0908A	MORGAN HILL AND GILROY	PAJARO RIVER	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1930+00 TO B2017+00 - TUNNEL DESIGN VARIANT
BOOK 1A	33	TT-D0909	MORGAN HILL AND GILROY	FRAZIER LAKE RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2017+00 TO B2103+00
BOOK 1A	34	TT-D0909A	MORGAN HILL AND GILROY	FRAZIER LAKE RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2017+00 TO B2103+00 - TUNNEL DESIGN VARIANT
BOOK 1A	35	TT-D0910	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	UPRR FREIGHT AND TRANSITION TRACK PROFILES	
BOOK 1A	36	TT-Y0901	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	
BOOK 1A	37	TT-D1201	MORGAN HILL AND GILROY	LAKE RD, LOVERS LANE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2103+00 TO B2193+00
BOOK 1A	38	TT-D1202	MORGAN HILL AND GILROY	SAN FELIPE RD, PACHECO PASS RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2193+00 TO B2275+00
BOOK 1A	39	TT-D1203	MORGAN HILL AND GILROY	PACHECO PASS HWY	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2275+00 TO B2362+00
BOOK 1A	40	TT-Y1201	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	

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GENERAL INFORMATION BOOK  
SHEET 6 OF 68**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED  
ALTERNATIVE 1  
INDEX OF DRAWING  
SHEET 1 OF 7**

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0101
SCALE	NONE
SHEET NO.	



**ALTERNATIVE 1 - VIADUCT TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION OR FEATURE	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
BOOK 1B	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 1	
BOOK 1B	B	GE-A0102	PACHECO PASS, SAN JOAQUIN VALLEY	SR 152 TO CARLUCCI ROAD	INDEX OF DRAWING	SHEET 2 OF 7	
BOOK 1B	C	GE-A0103	SAN JOSE DIRIDON STATION APPROACH, MORGAN HILL AND GILROY	STATIONS, COMPLEX STRUCTURES	INDEX OF DRAWING	SHEET 3 OF 7	
BOOK 1B	D	GE-D0101	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 1B	E	GE-D0102	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**COMPOSITE PLANS**

**PACHECO PASS**

BOOK 1B	41	TT-D1401	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2362+00 TO B3205+00
BOOK 1B	42	TT-D1402	PACHECO PASS	SERVICE ROAD 1	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3205+00 TO B3295+00
BOOK 1B	43	TT-D1403	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3295+00 TO B3385+00
BOOK 1B	44	TT-D1404	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3385+00 TO B3475+00
BOOK 1B	45	TT-D1405	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3475+00 TO B3565+00
BOOK 1B	46	TT-D1405A	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3475+00 TO B3565+00 - TUNNEL DESIGN VARIANT
BOOK 1B	47	TT-D1406	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3565+00 TO B3655+00
BOOK 1B	48	TT-D1407	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3655+00 TO B3745+00
BOOK 1B	49	TT-D1407A	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3655+00 TO B3745+00 - TUNNEL DESIGN VARIANT
BOOK 1B	50	TT-D1408	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3745+00 TO B3835+00
BOOK 1B	51	TT-D1408A	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3745+00 TO B3835+00 - TUNNEL DESIGN VARIANT
BOOK 1B	52	TT-D1409	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3835+00 TO B3923+00
BOOK 1B	53	TT-D1410	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3923+00 TO B4014+00
BOOK 1B	54	TT-D1411	PACHECO PASS	MCCABE RD	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4014+00 TO B4105+00
BOOK 1B	55	TT-D1412	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4105+00 TO B4196+00
BOOK 1B	56	TT-D1413	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4196+00 TO B4287+00
BOOK 1B	57	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 1B	58	TT-D1601	SAN JOAQUIN VALLEY	FAHEY RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4372+00 TO B4445+00
BOOK 1B	59	TT-D1602	SAN JOAQUIN VALLEY	CCID MAIN CANAL	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4445+00 TO B4533+00
BOOK 1B	60	TT-D1603	SAN JOAQUIN VALLEY	INGOMAR GRADE RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4533+00 TO B4614+00
BOOK 1B	61	TT-D1604	SAN JOAQUIN VALLEY	VOLTA RD, HENRY MILLER RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4614+00 TO B4686+00
BOOK 1B	62	TT-D1605	SAN JOAQUIN VALLEY	MONROE AVE	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4686+00 TO B4758+00
BOOK 1B	63	TT-D1606	SAN JOAQUIN VALLEY	BADGER FLAT RD, NANTES AVE	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4758+00 TO B4846+00
BOOK 1B	64	TT-D1607	SAN JOAQUIN VALLEY	SR-165, SANTA FE GRADE	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4846+00 TO B4932+00
BOOK 1B	65	TT-D1608	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4932+00 TO B5020+00
BOOK 1B	66	TT-D1609	SAN JOAQUIN VALLEY	BAKER RD, DELTA RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5020+00 TO B5109+00
BOOK 1B	67	TT-D1610	SAN JOAQUIN VALLEY	MIDWAY RD, BOX CAR RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5109+00 TO B5193+00
BOOK 1B	68	TT-D1611	SAN JOAQUIN VALLEY	TURNER ISLAND RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5193+00 TO B5282+00
BOOK 1B	69	TT-D1612	SAN JOAQUIN VALLEY	CARLUCCI RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5282+00 TO B5366+28.52
BOOK 1B	70	TT-Y1601	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	PROJECT BOUNDARY DETAILS	
BOOK 1B	71	TT-Y1602	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	PROJECT BOUNDARY DETAILS	

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 7 OF 68**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 1  
INDEX OF DRAWING  
SHEET 2 OF 7

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0102
SCALE	NONE
SHEET NO.	



**ALTERNATIVE 1 - VIADUCT TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION OR FEATURE	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>STATIONS</b>							
BOOK 1B	72	AR-C0101	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	GENERAL SITE PLAN
BOOK 1B	73	AR-C0102	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	DETAILED SITE PLAN
BOOK 1B	74	AR-F0101	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	CONCOURSE PLAN
BOOK 1B	75	AR-Y0101	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	SECTION
BOOK 1B	76	AR-Y0102	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	MASSING DIAGRAM 1
BOOK 1B	77	AR-Y0103	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST, PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	MASSING DIAGRAM 2
BOOK 1B	78	AR-Y0104	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 1B	79	AR-Y0105	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 1B	80	AR-Y0106	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 1B	81	AR-Y0107	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 1B	82	AR-C0901	MORGAN HILL AND GILROY	W 7TH ST, W 10TH ST	VIADUCT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	GENERAL SITE PLAN
BOOK 1B	83	AR-C0902	MORGAN HILL AND GILROY	W 7TH ST, W 10TH ST	VIADUCT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	DETAILED SITE PLAN
BOOK 1B	84	AR-F0901	MORGAN HILL AND GILROY	W 7TH ST, W 10TH ST	VIADUCT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	CONCOURSE PLAN
BOOK 1B	85	AR-Y0901	MORGAN HILL AND GILROY	W 7TH ST, W 10TH ST	VIADUCT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	SECTION
BOOK 1B	86	AR-Y0902	MORGAN HILL AND GILROY	W 7TH ST, W 10TH ST	VIADUCT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	MASSING DIAGRAM 1
BOOK 1B	87	AR-Y0903	MORGAN HILL AND GILROY	W 7TH ST, W 10TH ST	VIADUCT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	MASSING DIAGRAM 2
BOOK 1B	88	AR-Y0904	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
BOOK 1B	89	AR-Y0905	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
BOOK 1B	90	AR-Y0906	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
BOOK 1B	91	AR-Y0907	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE

<b>STRUCTURES</b>							
BOOK 1B	92	ST-V0151	SAN JOSE DIRIDON STATION APPROACH	W TAYLOR ST	VIADUCT TO I-880	COMPLEX STRUCTURES	GENERAL PLAN 1 OF 2
BOOK 1B	93	ST-V0152	SAN JOSE DIRIDON STATION APPROACH	W SANTA CLARA ST	VIADUCT TO I-880	COMPLEX STRUCTURES	GENERAL PLAN 2 OF 2
BOOK 1B	94	ST-T0151	SAN JOSE DIRIDON STATION APPROACH	UPRR T-13, W TAYLOR ST	VIADUCT TO I-880	OVERPASSES AND UNDERPASSES	HEDDING ST AND TAYLOR ST
BOOK 1B	95	ST-V0301	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	TYPICAL SECTIONS	SHEET 1 OF 3
BOOK 1B	96	ST-V0302	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	TYPICAL SECTIONS	SHEET 2 OF 3
BOOK 1B	97	ST-V0303	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	TYPICAL SECTIONS	SHEET 3 OF 3
BOOK 1B	98	ST-T0301	SAN JOSE DIRIDON STATION APPROACH	I-880, SR 85	VIADUCT TO I-880	CALTRANS STRUCTURES	GENERAL PLAN
BOOK 1B	99	ST-T0401	MONTEREY CORRIDOR	ALMADEN EXPY, CURTNER AVE	VIADUCT/AT-GRADE	OVERPASSES AND UNDERPASSES	GENERAL PLAN
BOOK 1B	100	ST-V0601	MONTEREY CORRIDOR	CAPITOL CALTRAIN, CAPITOL EXPY	VIADUCT	COMPLEX STRUCTURES	GENERAL PLAN 1 OF 2
BOOK 1B	101	ST-V0602	MONTEREY CORRIDOR	BLOSSOM HILL RD, BERNAL RD	VIADUCT	COMPLEX STRUCTURES	GENERAL PLAN 2 OF 2
BOOK 1B	102	ST-V0701	MORGAN HILL AND GILROY	BAILEY AVE, COCHRANE RD	VIADUCT TO DOWNTOWN GILROY	COMPLEX STRUCTURES	GENERAL PLAN 1 OF 2
BOOK 1B	103	ST-V0702	MORGAN HILL AND GILROY	SB 101, LLAGAS CREEK	VIADUCT TO DOWNTOWN GILROY	COMPLEX STRUCTURES	GENERAL PLAN 2 OF 2
BOOK 1B	104	ST-T0701	MORGAN HILL AND GILROY	BAILEY AVE, I-5	VIADUCT TO DOWNTOWN GILROY	CALTRANS STRUCTURES	GENERAL PLAN
BOOK 1B	105	ST-V0901	MORGAN HILL AND GILROY	US 101	VIADUCT TO DOWNTOWN GILROY	COMPLEX STRUCTURES	GENERAL PLAN
BOOK 1B	106	ST-V1401	PACHECO PASS	CALIFORNIA AQUEDUCT, CCID OUTSIDE CANAL	TUNNEL	COMPLEX STRUCTURES	GENERAL PLAN
BOOK 1B	107	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  
GENERAL INFORMATION BOOK  
SHEET 8 OF 68**

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**SAN JOSE TO MERCED**  
ALTERNATIVE 1  
INDEX OF DRAWING  
SHEET 3 OF 7

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0103
SCALE	NONE
SHEET NO.	



**ALTERNATIVE 1 - VIADUCT TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION OR FEATURE	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
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**COVER, INDEX OF DRAWING AND KEY MAPS**

BOOK 1C	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 1	
BOOK 1C	B	GE-A0104	ENTIRE ALTERNATIVE	GRADE SEPARATIONS	INDEX OF DRAWING	SHEET 4 OF 7	
BOOK 1C	C	GE-A0105	ENTIRE ALTERNATIVE	MAINTENANCE OF WAY, TUNNELS	INDEX OF DRAWING	SHEET 5 OF 7	
BOOK 1C	D	GE-D0101	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 1C	E	GE-D0102	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**ROADWAY**

**SAN JOSE DIRIDON STATION APPROACH**

BOOK 1C	108	CV-T0151	SAN JOSE DIRIDON STATION APPROACH	CHESTNUT AVE, ELM ST	VIADUCT TO I-880	PLAN, PROFILE AND TYPICAL SECTIONS	WEST HEDDING STREET
BOOK 1C	109	CV-T0152	SAN JOSE DIRIDON STATION APPROACH	W TAYLOR ST, COLEMAN AVE	VIADUCT TO I-880	PLAN, PROFILE AND TYPICAL SECTIONS	WEST TAYLOR STREET

**MONTEREY CORRIDOR**

BOOK 1C	110	CV-S0601	MONTEREY CORRIDOR	CAPITOL EXPY, BLOSSOM HILL RD	VIADUCT	CIVIL DETAILS	
BOOK 1C	111	CV-T0401	MONTEREY CORRIDOR	WILLOW ST, W ALMA AVE	VIADUCT/AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	SR87 ON-RAMP
BOOK 1C	112	CV-T0402	MONTEREY CORRIDOR	CURTNER AVE	VIADUCT/AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	ALMADEN ROAD AND CURTNER AVENUE

**MORGAN HILL AND GILROY**

BOOK 1C	113	CV-S0701	MORGAN HILL AND GILROY	ACCESS RD TO MONTEREY RD	VIADUCT TO DOWNTOWN GILROY	CIVIL DETAILS	
BOOK 1C	114	CV-S0901	MORGAN HILL AND GILROY	COHANSEY AVE, E LUCHESSA AVE	VIADUCT TO DOWNTOWN GILROY	CIVIL DETAILS	
BOOK 1C	115	CV-S1201	MORGAN HILL AND GILROY	LAKE RD, SR 152	VIADUCT TO DOWNTOWN GILROY	CIVIL DETAILS	
BOOK 1C	116	CV-T0704	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MONTEREY ROAD
BOOK 1C	117	CV-T0907	MORGAN HILL AND GILROY	BLOOMFIELD AVE, BLOSA AVE	VIADUCT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	BOLSA ROAD AND BLOOMFIELD AVENUE
BOOK 1C	118	CV-T0909	MORGAN HILL AND GILROY	BLOOMFIELD ACCESS RD	VIADUCT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	BLOOMFIELD ACCESS ROAD
BOOK 1C	119	CV-G0901	MORGAN HILL AND GILROY	CARNADERO AVE, SHELDON AVE	VIADUCT/AT-GRADE TO DOWNTOWN GILROY	SOAP LAKE FLOOD PLAIN	DETAIL

**PACHECO PASS**

BOOK 1C	120	CV-S1401	PACHECO PASS	ROMERO RD, CA-152	TUNNEL	CIVIL DETAILS	
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**SAN JOAQUIN VALLEY**

BOOK 1C	121	CV-S1601	SAN JOAQUIN VALLEY	MONTEREY RD, INGOMAR GRADE	HENRY MILLER ROAD	CIVIL DETAILS	
BOOK 1C	122	CV-T1603	SAN JOAQUIN VALLEY	VOLTA RD, HENRY MILLER RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HENRY MILLER ROAD
BOOK 1C	123	CV-T1604	SAN JOAQUIN VALLEY	HENRY MILLER ACCESS	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HENRY MILLER ACCESS
BOOK 1C	124	CV-T1606	SAN JOAQUIN VALLEY	HENRY MILLER RD, MERCY SPRINGS RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MERCY SPRINGS ROAD
BOOK 1C	125	CV-T1609	SAN JOAQUIN VALLEY	DELTA RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	DELTA ROAD
BOOK 1C	126	CV-T1610	SAN JOAQUIN VALLEY	TURNER ISLAND RD, HENRY MILLER RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	TURNER ROAD
BOOK 1C	127	CV-T1611	SAN JOAQUIN VALLEY	CARLUCCI RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	CARLUCCI ROAD
BOOK 1C	128	CV-T1612	SAN JOAQUIN VALLEY	HUTCHINS RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HUTCHINS ROAD

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 1  
INDEX OF DRAWING  
SHEET 4 OF 7

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0104
SCALE	NONE
SHEET NO.	

**ALTERNATIVE 1 - VIADUCT TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION OR FEATURE	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>MAINTENANCE OF WAY</b>							
BOOK 1C	129	MY-B0906	MORGAN HILL AND GILROY	CARNADERO AVE, SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	MAINTENANCE OF WAY FACILITY	DETAIL PLAN
BOOK 1C	130	MY-B0907	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	MAINTENANCE OF WAY FACILITY	TYPICAL SECTIONS
BOOK 1C	131	MY-B0908	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	MAINTENANCE OF WAY FACILITY	UPRR PROFILE AND GEOMETRY FOR MOWF

<b>TUNNELS - PACHECO PASS</b>							
BOOK 1C	132	TN-D1404	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 1	
BOOK 1C	133	TN-D1405	PACHECO PASS	ACCESS RD 1	TUNNEL	TUNNEL PORTAL 2 ACCESS ROAD	
BOOK 1C	134	TN-D1406	PACHECO PASS	CALIFORNIA AQUEDUCT	TUNNEL	TUNNEL PORTAL 2 ACCESS ROAD	
BOOK 1C	135	TN-D1407	PACHECO PASS	ACCESS RD 2	TUNNEL	TUNNEL PORTAL 2 ACCESS ROAD	
BOOK 1C	136	TN-D1408	PACHECO PASS	N/A	TUNNEL	LONGITUDINAL PROFILE	
BOOK 1C	137	TN-D1409	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 1C	138	TN-D1410	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 1C	139	TN-D1411	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 1C	140	TN-D1412	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 1C	141	TN-D1413	PACHECO PASS	I-5, FAHEY RD	TUNNEL	GRADING DETAIL	
BOOK 1C	142	TN-D1414	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 1	SECTIONS
BOOK 1C	143	TN-D1415	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 2	APPROACH 1
BOOK 1C	144	TN-D1416	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 2	APPROACH 2

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GENERAL INFORMATION BOOK  
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 1  
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SCALE	NONE
SHEET NO.	



**ALTERNATIVE 1 - VIADUCT TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION OR FEATURE	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
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**COVER, INDEX OF DRAWING AND KEY MAPS**

BOOK 1D	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 1	
BOOK 1D	B	GE-A0106	ENTIRE ALTERNATIVE	CONSTRUCTION STAGING	INDEX OF DRAWING	SHEET 6 OF 7	
BOOK 1D	C	GE-A0107	ENTIRE ALTERNATIVE	ALIGNMENT DATA TABLES	INDEX OF DRAWING	SHEET 7 OF 7	
BOOK 1D	D	GE-D0101	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 1D	E	GE-D0102	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**CONSTRUCTION STAGING**

BOOK 1D	145	CV-I0401	MONTEREY CORRIDOR	W ALMA AVE, CURTNER AVE	VIADUCT	CONSTRUCTION STAGING PLAN-PHASE 1-STAGES 1 & 2	CALTRAIN/UPRR RELOCATION-STA 149+00 TO 288+00
BOOK 1D	146	CV-I0402	MONTEREY CORRIDOR	W ALMA AVE, CURTNER AVE	VIADUCT	CONSTRUCTION STAGING PLAN-PHASE 1-STAGES 3	CALTRAIN/UPRR RELOCATION-STA 149+00 TO 288+00
BOOK 1D	147	CV-I0403	MONTEREY CORRIDOR	W ALMA AVE, CURTNER AVE	VIADUCT	CONSTRUCTION STAGING PLAN-PHASE 2	CALTRAIN/UPRR RELOCATION-STA 149+00 TO 288+00
BOOK 1D	148	CV-I0404	MONTEREY CORRIDOR	W ALMA AVE, CURTNER AVE	VIADUCT	CONSTRUCTION STAGING PLAN-PHASE 3	CALTRAIN/UPRR RELOCATION-STA 149+00 TO 288+00
BOOK 1D	149	CV-I0405A	MONTEREY CORRIDOR	ALMADEN RD	VIADUCT	CONSTRUCTION STAGING-PHASE 1-STAGE 1	ALMADEN RD UNDERPASS
BOOK 1D	150	CV-I0405B	MONTEREY CORRIDOR	ALMADEN RD	VIADUCT	CONSTRUCTION STAGING-PHASE 1-STAGE 2	ALMADEN RD UNDERPASS
BOOK 1D	151	CV-I0405C	MONTEREY CORRIDOR	ALMADEN RD	VIADUCT	CONSTRUCTION STAGING-PHASE 1-STAGE 3	ALMADEN RD UNDERPASS
BOOK 1D	152	CV-I0406	MONTEREY CORRIDOR	ALMADEN RD	VIADUCT	CONSTRUCTION STAGING-PHASE 2	ALMADEN RD UNDERPASS
BOOK 1D	153	CV-I0407	MONTEREY CORRIDOR	ALMADEN RD	VIADUCT	CONSTRUCTION STAGING-PHASE 3	ALMADEN RD UNDERPASS
BOOK 1D	154	CV-I0408	MONTEREY CORRIDOR	SR 87, UPRR	VIADUCT	CONSTRUCTION STAGING-PHASE 1-STAGES 1 & 2	MODIFY EXISTING ALMADEN EXPRESSWAY OVERHEAD
BOOK 1D	155	CV-I0409	MONTEREY CORRIDOR	SR 87, UPRR	VIADUCT	CONSTRUCTION STAGING-PHASE 1-STAGES 3	MODIFY EXISTING ALMADEN EXPRESSWAY OVERHEAD
BOOK 1D	156	CV-I0410	MONTEREY CORRIDOR	SR 87, UPRR	VIADUCT	CONSTRUCTION STAGING-PHASE 2	MODIFY EXISTING ALMADEN EXPRESSWAY OVERHEAD
BOOK 1D	157	CV-I0411	MONTEREY CORRIDOR	SR 87, UPRR	VIADUCT	CONSTRUCTION STAGING-PHASE 3	MODIFY EXISTING ALMADEN EXPRESSWAY OVERHEAD
BOOK 1D	158	CV-I0412	MONTEREY CORRIDOR	UPRR	VIADUCT	CONSTRUCTION STAGING-PHASE 1	MODIFY EXISTING CURTNER AVENUE OVERHEAD
BOOK 1D	159	CV-I0413	MONTEREY CORRIDOR	UPRR	VIADUCT	CONSTRUCTION STAGING-PHASES 2 & 3	MODIFY EXISTING CURTNER AVENUE OVERHEAD
BOOK 1D	160	CV-I1001	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN	GENERAL NOTES
BOOK 1D	161	CV-I1002	MORGAN HILL AND GILROY	BOLSA RD	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN - STAGE 1	BLOOMFIELD AVENUE GRADE SEPARATION - SHEET 1 OF 2
BOOK 1D	162	CV-I1003	MORGAN HILL AND GILROY	BLOOMFIELD AVE, SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN - STAGE 1	BLOOMFIELD AVENUE GRADE SEPARATION - SHEET 2 OF 2
BOOK 1D	163	CV-I1004	MORGAN HILL AND GILROY	BLOOMFIELD AVE, BOLSA RD	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN - STAGE 2	BLOOMFIELD AVENUE GRADE SEPARATION - SHEET 1 OF 2
BOOK 1D	164	CV-I1005	MORGAN HILL AND GILROY	BLOOMFIELD AVE, SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN - STAGE 2	BLOOMFIELD AVENUE GRADE SEPARATION - SHEET 2 OF 2
BOOK 1D	165	CV-I1006	MORGAN HILL AND GILROY	BLOOMFIELD AVE, BOLSA RD	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN - STAGE 3	BLOOMFIELD AVENUE GRADE SEPARATION - SHEET 1 OF 2
BOOK 1D	166	CV-I1007	MORGAN HILL AND GILROY	BLOOMFIELD AVE, SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN - STAGE 3	BLOOMFIELD AVENUE GRADE SEPARATION - SHEET 2 OF 2
BOOK 1D	167	CV-I1601	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	GENERAL NOTES
BOOK 1D	168	CV-I1602	SAN JOAQUIN VALLEY	INGOMAR GRDE RD, HENRY MILLER RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	HENRY MILLER ROAD GRADE SEPARATION
BOOK 1D	169	CV-I1603	SAN JOAQUIN VALLEY	HENRY MILLER RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	HENRY MILLER ROAD GRADE SEPARATION
BOOK 1D	170	CV-I1604	SAN JOAQUIN VALLEY	HENRY MILLER RD, MERCEY SPRINGS RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	SR-165 / MERCEY SPRINGS ROAD GRADE SEPARATION
BOOK 1D	171	CV-I1605	SAN JOAQUIN VALLEY	HENRY MILLER RD, DELTA RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	DELTA ROAD GRADE SEPARATION
BOOK 1D	172	CV-I1606	SAN JOAQUIN VALLEY	HENRY MILLER RD, TURNER ISLAND RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	TURNER ISLAND ROAD GRADE SEPARATION
BOOK 1D	173	CV-I1607	SAN JOAQUIN VALLEY	HENRY MILLER RD, CARLUCCI RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	CARLUCCI ROAD GRADE SEPARATION

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 1  
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CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0106
SCALE	NONE
SHEET NO.	

**ALTERNATIVE 1 - VIADUCT TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION OR FEATURE	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>TRACK GUIDEWAY HORIZONTAL ALIGNMENT DATA TABLE</b>							
BOOK 1D	174	TT-B0101-JM	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	TRACK ALIGNMENT DATA TABLE	CURVE NO. C189 AND C190
BOOK 1D	175	TT-B0102-JM	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	TRACK ALIGNMENT DATA TABLE	CURVE NO. C191 AND C192
BOOK 1D	176	TT-B0103-JM	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	TRACK ALIGNMENT DATA TABLE	CURVE NO. C193
BOOK 1D	177	TT-B0104	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C101 AND C102
BOOK 1D	178	TT-B0105	MONTEREY CORRIDOR	N/A	VIADUCT TO I-880	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C103 AND C104
BOOK 1D	179	TT-B0106	MONTEREY CORRIDOR	N/A	VIADUCT/AT-GRADE	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C105 AND C106
BOOK 1D	180	TT-B0107	MONTEREY CORRIDOR	N/A	VIADUCT/AT-GRADE	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C107
BOOK 1D	181	TT-B0108	MONTEREY CORRIDOR	N/A	VIADUCT	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C108 AND C109
BOOK 1D	182	TT-B0109	MONTEREY CORRIDOR	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C110 AND C111
BOOK 1D	183	TT-B0110	MONTEREY CORRIDOR	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C112
BOOK 1D	184	TT-B0111	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C113 AND C114
BOOK 1D	185	TT-B0112	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C115 AND C116
BOOK 1D	186	TT-B0113	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C117 AND C118
BOOK 1D	187	TT-B0114	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C119 AND C120
BOOK 1D	188	TT-B0115	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C121
BOOK 1D	189	TT-B0116	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C122
BOOK 1D	190	TT-B0117	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C123
BOOK 1D	191	TT-B0118	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C124 AND C125
BOOK 1D	192	TT-B0119	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C126
BOOK 1D	193	TT-B0120	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C127 AND C128
BOOK 1D	194	TT-B0120A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C127 AND C128A - TUNNEL DESIGN VARIANT
BOOK 1D	195	TT-B0121	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C129
BOOK 1D	196	TT-B0121A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C129A - TUNNEL DESIGN VARIANT
BOOK 1D	197	TT-B0122	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C130
BOOK 1D	198	TT-B0122A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C130A - TUNNEL DESIGN VARIANT
BOOK 1D	199	TT-B0123	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C131
BOOK 1D	200	TT-B0123A	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C131A - TUNNEL DESIGN VARIANT
BOOK 1D	201	TT-B0124	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C132 AND C133
BOOK 1D	202	TT-B0124A	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C132A AND C133A - TUNNEL DESIGN VARIANT
BOOK 1D	203	TT-B0125	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C134 AND C135
BOOK 1D	204	TT-B0125A	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C134A AND C135 - TUNNEL DESIGN VARIANT
BOOK 1D	205	TT-B0126	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C136
BOOK 1D	206	TT-B0127	SAN JOAQUIN VALLEY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C137
BOOK 1D	207	TT-B0128	SAN JOAQUIN VALLEY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C138 AND C139
BOOK 1D	208	TT-B0129	SAN JOAQUIN VALLEY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C140
BOOK 1D	209	TT-B0130	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C230
BOOK 1D	210	TT-B0130A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C230A - TUNNEL DESIGN VARIANT
BOOK 1D	211	TT-B0131	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C231 AND C231A
BOOK 1D	212	TT-B0131A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C231B AND C231C - TUNNEL DESIGN VARIANT
BOOK 1D	213	TT-B0132	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C232 AND C233
BOOK 1D	214	TT-B0132A	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C232A AND C233A - TUNNEL DESIGN VARIANT
BOOK 1D	215	TT-B0133	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C234 AND C235
BOOK 1D	216	TT-B0133A	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C234A AND C235 - TUNNEL DESIGN VARIANT
BOOK 1D	217	TT-B0134	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C236
<b>ROADWAY HORIZONTAL ALIGNMENT DATA TABLE</b>							
BOOK 1D	218	CV-B0101	MONTEREY CORRIDOR	N/A	VIADUCT	ALIGNMENT DATA TABLE	

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GENERAL INFORMATION BOOK  
SHEET 12 OF 68**

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NOVEMBER 30, 2021  
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 1  
INDEX OF DRAWING  
SHEET 7 OF 7

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0107
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
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
BOOK 2A	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 2	EMBANKMENT TO DOWNTOWN GILROY
BOOK 2A	B	GE-A0201	SAN JOSE DIRIDON STATION APPROACH, MONTEREY CORRIDOR, MORGAN HILL AND GILROY	SCOTT BLVD TO PACHECO PASS HWY	INDEX OF DRAWING	SHEET 1 OF 8	
BOOK 2A	C	GE-D0201	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 2A	D	GE-D0202	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	
<b>COMPOSITE PLANS</b>							
<b>SAN JOSE DIRIDON STATION APPROACH</b>							
BOOK 2A	1	TT-D0251	SAN JOSE DIRIDON STATION APPROACH	SCOTT BLVD TO BENTON ST	VIADUCT TO SCOTT BLVD	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2250+00 TO B2340+00
BOOK 2A	2	TT-D0252	SAN JOSE DIRIDON STATION APPROACH	NEWHALL ST TO W TAYLOR ST	VIADUCT TO SCOTT BLVD	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2340+00 TO B2430+00
BOOK 2A	3	TT-D0253	SAN JOSE DIRIDON STATION APPROACH	CINNABAR ST TO PARK AVE	VIADUCT TO SCOTT BLVD	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2430+00 TO B58+00
BOOK 2A	4	TT-D0301	SAN JOSE DIRIDON STATION APPROACH	PARK AVE TO WILLOW ST	VIADUCT TO SCOTT BLVD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B58+00 TO B125+00
BOOK 2A	5	TT-Y0301	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO SCOTT BLVD	PROJECT BOUNDARY DETAILS	
<b>MONTEREY CORRIDOR</b>							
BOOK 2A	6	TT-D0401	MONTEREY CORRIDOR	WILLOW ST, CURTNER AVE	VIADUCT/AT-GRADE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B125+00 TO B211+00
BOOK 2A	7	TT-Y0401	MONTEREY CORRIDOR	N/A	VIADUCT/AT-GRADE	PROJECT BOUNDARY DETAILS	
BOOK 2A	8	TT-D0501	MONTEREY CORRIDOR	COMMUNICATION HILL BLVD TO ESFAHAN CT	AT-GRADE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B211+00 TO B286+00
BOOK 2A	9	TT-D0502	MONTEREY CORRIDOR	CAPITOL EXPY TO SKYWAY DR	AT-GRADE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B286+00 TO B374+00
BOOK 2A	10	TT-D0503	MONTEREY CORRIDOR	VALLEYHAVEN WAY TO BLOSSOM HILL RD	AT-GRADE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B374+00 TO B462+00
BOOK 2A	11	TT-D0504	MONTEREY CORRIDOR	BLOSSOM HILL RD TO SR 85	AT-GRADE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B462+00 TO B552+00
BOOK 2A	12	TT-Y0501	MONTEREY CORRIDOR	N/A	AT-GRADE	PROJECT BOUNDARY DETAILS	
<b>MORGAN HILL AND GILROY</b>							
BOOK 2A	13	TT-D0801	MORGAN HILL AND GILROY	SR 85 TO FORSUM RD	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B552+00 TO B730+00
BOOK 2A	14	TT-D0802	MORGAN HILL AND GILROY	METCALF RD TO BLANCHARD RD	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B730+00 TO B818+00
BOOK 2A	15	TT-D0803	MORGAN HILL AND GILROY	BAILEY AVE TO RICHMOND AVE	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B818+00 TO B907+00
BOOK 2A	16	TT-D0804	MORGAN HILL AND GILROY	FOX LN TO MONTE AVE	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B907+00 TO B966+00
BOOK 2A	17	TT-D0805	MORGAN HILL AND GILROY	OAK AVE TO BURNETT AVE	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B966+00 TO B1086+00
BOOK 2A	18	TT-D0806	MORGAN HILL AND GILROY	PEEBLES AVE TP E CENTRAL AVE	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1086+00 TO B1175+00
BOOK 2A	19	TT-D0807	MORGAN HILL AND GILROY	MAIN AVE TO TENNANT AVE	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1175+00 TO B1265+00
BOOK 2A	20	TT-D0808	MORGAN HILL AND GILROY	BUTTERFIELD BLVD TO E MIDDLE AVE	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1265+00 TO B1354+00
BOOK 2A	21	TT-Y0801	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	
BOOK 2A	22	TT-Y0802	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	
BOOK 2A	23	TT-Y0803	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	
BOOK 2A	24	TT-D1001	MORGAN HILL AND GILROY	CALIFORNIA AVE TO HIGHLAND AVE	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1354+00 TO B1443+00
BOOK 2A	25	TT-D1002	MORGAN HILL AND GILROY	CHURCH AVE TO MASTEN AVE	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1443+00 TO B1531+00
BOOK 2A	26	TT-D1003	MORGAN HILL AND GILROY	RUCKER AVE TO LAS ANIMAS AVE	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1531+00 TO B1616+00
BOOK 2A	27	TT-D1004	MORGAN HILL AND GILROY	LEAVESLEY RD TO IOOF AVE	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1616+00 TO B1685+00
BOOK 2A	28	TT-D1005	MORGAN HILL AND GILROY	LEWIS ST TO E LUCHESSA AVE	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1685+00 TO B1767+00
BOOK 2A	29	TT-D1006	MORGAN HILL AND GILROY	US 101 TO MAYOCK RD	EMBANKMENT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1767+00 TO B1855+00
BOOK 2A	30	TT-D1007	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	UPRR FREIGHT TRACK PROFILE	
BOOK 2A	31	TT-Y1001	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	
BOOK 2A	32	TT-Y1002	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	
BOOK 2A	33	TT-Y1003	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	
BOOK 2A	34	TT-D0907	MORGAN HILL AND GILROY	BLOOMFIELD AVE TO SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1855+00 TO B1930+00
BOOK 2A	35	TT-D0907A	MORGAN HILL AND GILROY	BLOOMFIELD AVE, SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1855+00 TO B1930+00 - TUNNEL DESIGN VARIANT
BOOK 2A	36	TT-D0908	MORGAN HILL AND GILROY	PAJARO RIVER	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1930+00 TO B2017+00
BOOK 2A	37	TT-D0908A	MORGAN HILL AND GILROY	PAJARO RIVER	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1930+00 TO B2017+00 - TUNNEL DESIGN VARIANT
BOOK 2A	38	TT-D0909	MORGAN HILL AND GILROY	FRAZIER LAKE RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2017+00 TO B2103+00
BOOK 2A	39	TT-D0909A	MORGAN HILL AND GILROY	FRAZIER LAKE RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2017+00 TO B2103+00 - TUNNEL DESIGN VARIANT
BOOK 2A	40	TT-D0910	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	UPRR FREIGHT AND TRANSITION TRACK PROFILES	
BOOK 2A	41	TT-Y0901	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	
BOOK 2A	42	TT-D1201	MORGAN HILL AND GILROY	LAKE RD TO LOVERS LANE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2103+00 TO B2193+00
BOOK 2A	43	TT-D1202	MORGAN HILL AND GILROY	SAN FELIPE RD TO PACHECO PASS RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2193+00 TO B2275+00
BOOK 2A	44	TT-D1203	MORGAN HILL AND GILROY	PACHECO PASS HWY	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2275+00 TO B2362+00
BOOK 2A	45	TT-Y1201	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	

**SAN JOSE TO CVY EIR/S: VOLUME III  
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SHEET 13 OF 68**

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**HNTB**  
1111 Broadway  
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Oakland, CA 94607



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 2  
INDEX OF DRAWING  
SHEET 1 OF 8

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0201
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
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
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  
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SHEET 14 OF 68**

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

CONTRACT NO.	HSR15-34
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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
<b>STATIONS</b>							
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
<b>STRUCTURES</b>							
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  
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**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 - EMBANKMENT TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
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**COVER, INDEX OF DRAWING AND KEY MAPS**

BOOK 2C	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 2	EMBANKMENT TO DOWNTOWN GILROY
BOOK 2C	B	GE-A0204	ENTIRE ALTERNATIVE	GRADE SEPARATIONS	INDEX OF DRAWING	SHEET 4 OF 8	
BOOK 2C	C	GE-D0201	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 2C	D	GE-D0202	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**ROADWAY**

**SAN JOSE DIRIDON STATION APPROACH**

BOOK 2C	116	CV-T0251	SAN JOSE DIRIDON STATION APPROACH	COLEMAN AVE, DE LA CRUZ BLVD	VIADUCT TO SCOTT BLVD	PLAN, PROFILE AND TYPICAL SECTIONS - SHEET 1 OF 2	DE LA CRUZ AVENUE
BOOK 2C	117	CV-T0252	SAN JOSE DIRIDON STATION APPROACH	DE LA CRUZ BLVD	VIADUCT TO SCOTT BLVD	PLAN, PROFILE AND TYPICAL SECTIONS - SHEET 2 OF 2	DE LA CRUZ AVENUE
BOOK 2C	118	CV-T0253	SAN JOSE DIRIDON STATION APPROACH	STOCKTON AVE, ELM ST	VIADUCT TO SCOTT BLVD	PLAN, PROFILE AND TYPICAL SECTIONS	WEST HEDDING STREET

**MONTEREY CORRIDOR**

BOOK 2C	119	CV-T0401	MONTEREY CORRIDOR	WILLOW ST, W ALMA AVE	VIADUCT/AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	SR87 ON-RAMP
BOOK 2C	120	CV-T0402	MONTEREY CORRIDOR	CURTNER AVE	VIADUCT/AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	ALMADEN ROAD AND CURTNER AVENUE
BOOK 2C	121	CV-T0501	MONTEREY CORRIDOR	SKYWAY DR	AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	SKYWAY DRIVE - DESIGN VARIANT A
BOOK 2C	122	CV-T0502	MONTEREY CORRIDOR	SKYWAY DR	AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	SKYWAY DRIVE - DESIGN VARIANT B
BOOK 2C	123	CV-T0503	MONTEREY CORRIDOR	BRANHAM LN	AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	BRANHAM LANE
BOOK 2C	124	CV-T0504	MONTEREY CORRIDOR	CHYNOWETH AVE	AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	CHYNOWETH AVE
BOOK 2C	125	CV-T0505	MONTEREY CORRIDOR	BLOSSOM HILL RD, BRANHAM LN	AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	PED PATH - MULTIPLE LOCATIONS

**MORGAN HILL AND GILROY**

BOOK 2C	126	CV-S0801	MORGAN HILL AND GILROY	BAILEY AVE, COCHRANE RD	EMBANKMENT TO DOWNTOWN GILROY	CIVIL DETAILS	
BOOK 2C	127	CV-S0802	MORGAN HILL AND GILROY	SAN MARTIN AVE, BLANCHARD RD	EMBANKMENT TO DOWNTOWN GILROY	CIVIL DETAILS	
BOOK 2C	128	CV-S1001	MORGAN HILL AND GILROY	COX AVE, E LUCHESSA AVE	EMBANKMENT TO DOWNTOWN GILROY	CIVIL DETAILS	
BOOK 2C	129	CV-T0803	MORGAN HILL AND GILROY	PALM AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	PALM AVE
BOOK 2C	130	CV-T0804	MORGAN HILL AND GILROY	LIVE OAK AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	LIVE OAK AVE
BOOK 2C	131	CV-T0805	MORGAN HILL AND GILROY	MADRONE PKWY	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MADRONE PARKWAY
BOOK 2C	132	CV-T0806	MORGAN HILL AND GILROY	MAIN AVE, SAN PEDRO AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MAIN AVE, DUNNE AVE, AND SAN PEDRO AVE
BOOK 2C	133	CV-T0807	MORGAN HILL AND GILROY	TENNANT AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	TENNANT AVE AND RAILROAD AVE
BOOK 2C	134	CV-T0808	MORGAN HILL AND GILROY	E MIDDLE AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	EAST MIDDLE AVE
BOOK 2C	135	CV-T0809	MORGAN HILL AND GILROY	E MIDDLE AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MONTEREY ROAD PAST EAST MIDDLE AVE
BOOK 2C	136	CV-T0810	MORGAN HILL AND GILROY	W SAN MARTIN AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	SAN MARTIN AVE AND KIMBLE CT
BOOK 2C	137	CV-T1001	MORGAN HILL AND GILROY	CHURCH AVE, MASTEN AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	CHURCH AVE
BOOK 2C	138	CV-T1002	MORGAN HILL AND GILROY	MASTEN AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MASTEN AVE
BOOK 2C	139	CV-T1003	MORGAN HILL AND GILROY	MASTEN AVE, RUCKER AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MONTEREY ROAD AND RUCKER AVE
BOOK 2C	140	CV-T1004	MORGAN HILL AND GILROY	BUENA VISTA AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	BUENA VISTA AND COHANSEY
BOOK 2C	141	CV-T1005	MORGAN HILL AND GILROY	COHANSEY AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	COHANSEY AVENUE
BOOK 2C	142	CV-T1006	MORGAN HILL AND GILROY	LEAVESLEY RD, OLD GILROY ST	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	LEAVESLEY RD TO OLD GILROY
BOOK 2C	143	CV-T1007	MORGAN HILL AND GILROY	E 9TH ST, E 10TH ST	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	9TH ST AND 10TH ST
BOOK 2C	144	CV-T1008	MORGAN HILL AND GILROY	US 101, MAYOCK RD	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	US 101

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**SAN JOSE TO MERCED**  
ALTERNATIVE 2  
INDEX OF DRAWING  
SHEET 4 OF 8

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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
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
BOOK 2D	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 2	EMBANKMENT TO DOWNTOWN GILROY
BOOK 2D	B	GE-A0205	ENTIRE ALTERNATIVE	GRADE SEPARATIONS, MAINTENANCE OF WAY, TUNNELS	INDEX OF DRAWING	SHEET 5 OF 8	
BOOK 2D	C	GE-D0201	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 2D	D	GE-D0202	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**ROADWAY**

**ROADWAY - PACHECO PASS**

BOOK 2D	145	CV-S1401	PACHECO PASS	ROMERO RD, CA-152	TUNNEL	CIVIL DETAILS	
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**ROADWAY - SAN JOAQUIN VALLEY**

BOOK 2D	146	CV-S1601	SAN JOAQUIN VALLEY	MONTEREY RD, INGOMAR GRADE	HENRY MILLER ROAD	CIVIL DETAILS	
BOOK 2D	147	CV-T1603	SAN JOAQUIN VALLEY	VOLTA RD AT HENRY MILLER RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HENRY MILLER ROAD
BOOK 2D	148	CV-T1604	SAN JOAQUIN VALLEY	HENRY MILLER ACCESS	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HENRY MILLER ACCESS
BOOK 2D	149	CV-T1606	SAN JOAQUIN VALLEY	HENRY MILLER RD AT MERCY SPRINGS RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MERCY SPRINGS ROAD
BOOK 2D	150	CV-T1609	SAN JOAQUIN VALLEY	DELTA RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	DELTA ROAD
BOOK 2D	151	CV-T1610	SAN JOAQUIN VALLEY	TURNER ISLAND RD AT HENRY MILLER RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	TURNER ROAD
BOOK 2D	152	CV-T1611	SAN JOAQUIN VALLEY	CARLUCCI RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	CARLUCCI ROAD
BOOK 2D	153	CV-T1612	SAN JOAQUIN VALLEY	HUTCHINS RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HUTCHINS ROAD

**MAINTENANCE OF WAY**

BOOK 2D	154	MY-B1007	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	MAINTENANCE OF WAY FACILITY	TYPICAL SECTIONS
BOOK 2D	155	MY-B1008	MORGAN HILL AND GILROY	N/A	EMBANKMENT TO DOWNTOWN GILROY	MAINTENANCE OF WAY FACILITY	UPRR PROFILE AND GEOMETRY FOR MOWF

**TUNNELS - PACHECO PASS**

BOOK 2D	156	TN-D1404	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 1	
BOOK 2D	157	TN-D1405	PACHECO PASS	ACCESS RD 1	TUNNEL	TUNNEL PORTAL 2 ACCESS ROAD	
BOOK 2D	158	TN-D1406	PACHECO PASS	CALIFORNIA AQUEDUCT	TUNNEL	TUNNEL PORTAL 2 ACCESS ROAD	
BOOK 2D	159	TN-D1407	PACHECO PASS	ACCESS RD 2	TUNNEL	TUNNEL PORTAL 2 ACCESS ROAD	
BOOK 2D	160	TN-D1408	PACHECO PASS	N/A	TUNNEL	LONGITUDINAL PROFILE	
BOOK 2D	161	TN-D1409	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 2D	162	TN-D1410	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 2D	163	TN-D1411	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 2D	164	TN-D1412	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 2D	165	TN-D1413	PACHECO PASS	I-5, FAHEY RD	TUNNEL	GRADING DETAIL	
BOOK 2D	166	TN-D1414	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 1	SECTIONS
BOOK 2D	167	TN-D1415	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 2	APPROACH 1
BOOK 2D	168	TN-D1416	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 2	APPROACH 2

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SAN JOSE TO MERCED  
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SCALE	NONE
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**ALTERNATIVE 2 - EMBANKMENT TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
BOOK 2E	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 2	EMBANKMENT TO DOWNTOWN GILROY
BOOK 2E	B	GE-A0206	ENTIRE ALTERNATIVE	CONSTRUCTION STAGING	INDEX OF DRAWING	SHEET 6 OF 8	
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BOOK 2E	F	GE-D0202	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**CONSTRUCTION STAGING**

BOOK 2E	169	CV-I0501	MONTEREY CORRIDOR	CAPITOL EXPY	AT-GRADE	CONSTRUCTION STAGING-PHASE 1	MODIFY EXISTING CAPITOL EXPRESSWAY OVERHEAD
BOOK 2E	170	CV-I0502	MONTEREY CORRIDOR	CAPITOL EXPY	AT-GRADE	CONSTRUCTION STAGING-PHASE 2	MODIFY EXISTING CAPITOL EXPRESSWAY OVERHEAD
BOOK 2E	171	CV-I0503	MONTEREY CORRIDOR	CAPITOL EXPY	AT-GRADE	CONSTRUCTION STAGING-PHASE 3	MODIFY EXISTING CAPITOL EXPRESSWAY OVERHEAD
BOOK 2E	172	CV-I0504	MONTEREY CORRIDOR	SKYWAY DR	AT-GRADE	CONSTRUCTION STAGING-PHASE 1	SKYWAY DRIVE UNDERCROSSING
BOOK 2E	173	CV-I0505	MONTEREY CORRIDOR	SKYWAY DR	AT-GRADE	CONSTRUCTION STAGING-PHASE 2 & 3	SKYWAY DRIVE UNDERCROSSING
BOOK 2E	174	CV-I0506	MONTEREY CORRIDOR	BRANHAM LN	AT-GRADE	CONSTRUCTION STAGING-PHASE 1	BRANHAM LANE UNDERCROSSING
BOOK 2E	175	CV-I0507	MONTEREY CORRIDOR	BRANHAM LN	AT-GRADE	CONSTRUCTION STAGING-PHASE 2 & 3	BRANHAM LANE UNDERCROSSING
BOOK 2E	176	CV-I0508	MONTEREY CORRIDOR	CHYNOWETH AVE	AT-GRADE	CONSTRUCTION STAGING-PHASE 1	CHYNOWETH AVENUE UNDERCROSSING
BOOK 2E	177	CV-I0509	MONTEREY CORRIDOR	CHYNOWETH AVE	AT-GRADE	CONSTRUCTION STAGING-PHASE 2 & 3	CHYNOWETH AVENUE UNDERCROSSING
BOOK 2E	178	CV-I0801	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 1	DOWNTOWN MORGAN HILL
BOOK 2E	179	CV-I0802	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 2	DOWNTOWN MORGAN HILL
BOOK 2E	180	CV-I0803	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 1	DOWNTOWN MORGAN HILL
BOOK 2E	181	CV-I0804	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2	DOWNTOWN MORGAN HILL
BOOK 2E	182	CV-I0805	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 1	DOWNTOWN MORGAN HILL
BOOK 2E	183	CV-I0806	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 2	DOWNTOWN MORGAN HILL
BOOK 2E	184	CV-I0807	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 3	DOWNTOWN MORGAN HILL
BOOK 2E	185	CV-I0808	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 4-STAGE 1	DOWNTOWN MORGAN HILL
BOOK 2E	186	CV-I0809	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 4-STAGE 2	DOWNTOWN MORGAN HILL
BOOK 2E	187	CV-I0810	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 4-STAGE 3	DOWNTOWN MORGAN HILL
BOOK 2E	188	CV-I0811	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 5-STAGE 1	DOWNTOWN MORGAN HILL
BOOK 2E	189	CV-I0812	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 5-STAGE 2	DOWNTOWN MORGAN HILL
BOOK 2E	190	CV-I0813	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 5-STAGE 3	DOWNTOWN MORGAN HILL
BOOK 2E	191	CV-I0814	MORGAN HILL AND GILROY	MAIN AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 6	DOWNTOWN MORGAN HILL
BOOK 2E	192	CV-I0815	MORGAN HILL AND GILROY	MIDDLE AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 1	MIDDLE AVENUE GRADE SEPARATION
BOOK 2E	193	CV-I0816	MORGAN HILL AND GILROY	MIDDLE AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 2	MIDDLE AVENUE GRADE SEPARATION
BOOK 2E	194	CV-I0817	MORGAN HILL AND GILROY	MIDDLE AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 1	MIDDLE AVENUE GRADE SEPARATION
BOOK 2E	195	CV-I0818	MORGAN HILL AND GILROY	MIDDLE AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2	MIDDLE AVENUE GRADE SEPARATION
BOOK 2E	196	CV-I0819	MORGAN HILL AND GILROY	SAN MARTIN AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 1	SAN MARTIN AVENUE GRADE SEPARATION
BOOK 2E	197	CV-I0820	MORGAN HILL AND GILROY	SAN MARTIN AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 2	SAN MARTIN AVENUE GRADE SEPARATION
BOOK 2E	198	CV-I0821	MORGAN HILL AND GILROY	SAN MARTIN AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 1	SAN MARTIN AVENUE GRADE SEPARATION
BOOK 2E	199	CV-I0822	MORGAN HILL AND GILROY	SAN MARTIN AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2	SAN MARTIN AVENUE GRADE SEPARATION
BOOK 2E	200	CV-I1012	MORGAN HILL AND GILROY	CHURCH AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 1	CHURCH AVENUE GRADE SEPARATION
BOOK 2E	201	CV-I1013	MORGAN HILL AND GILROY	CHURCH AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 2	CHURCH AVENUE GRADE SEPARATION
BOOK 2E	202	CV-I1014	MORGAN HILL AND GILROY	CHURCH AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 1	CHURCH AVENUE GRADE SEPARATION
BOOK 2E	203	CV-I1015	MORGAN HILL AND GILROY	CHURCH AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2	CHURCH AVENUE GRADE SEPARATION

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GENERAL INFORMATION BOOK  
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 2  
INDEX OF DRAWING  
SHEET 6 OF 8

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0206
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
BOOK 2E	204	CV-11016	MORGAN HILL AND GILROY	MASTEN AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 1	MASTEN AVENUE GRADE SEPARATION
BOOK 2E	205	CV-11017	MORGAN HILL AND GILROY	MASTEN AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 2	MASTEN AVENUE GRADE SEPARATION
BOOK 2E	206	CV-11018	MORGAN HILL AND GILROY	MASTEN AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 1	MASTEN AVENUE GRADE SEPARATION
BOOK 2E	207	CV-11019	MORGAN HILL AND GILROY	MASTEN AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2	MASTEN AVENUE GRADE SEPARATION
BOOK 2E	208	CV-11020	MORGAN HILL AND GILROY	MASTEN AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 1	MASTEN AVENUE GRADE SEPARATION
BOOK 2E	209	CV-11021	MORGAN HILL AND GILROY	MASTEN AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 2	MASTEN AVENUE GRADE SEPARATION
BOOK 2E	210	CV-11022	MORGAN HILL AND GILROY	RUCKER AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 1	RUCKER AVENUE GRADE SEPARATION
BOOK 2E	211	CV-11023	MORGAN HILL AND GILROY	RUCKER AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 2	RUCKER AVENUE GRADE SEPARATION
BOOK 2E	212	CV-11024	MORGAN HILL AND GILROY	RUCKER AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 1	RUCKER AVENUE GRADE SEPARATION
BOOK 2E	213	CV-11025	MORGAN HILL AND GILROY	RUCKER AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2	RUCKER AVENUE GRADE SEPARATION
BOOK 2E	214	CV-11026	MORGAN HILL AND GILROY	RUCKER AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 3	RUCKER AVENUE GRADE SEPARATION
BOOK 2E	215	CV-11027	MORGAN HILL AND GILROY	BUENA VISTA AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 1	BUENA VISTA AVENUE GRADE SEPARATION
BOOK 2E	216	CV-11028	MORGAN HILL AND GILROY	BUENA VISTA AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 2	BUENA VISTA AVENUE GRADE SEPARATION
BOOK 2E	217	CV-11029	MORGAN HILL AND GILROY	BUENA VISTA AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 1	BUENA VISTA AVENUE GRADE SEPARATION
BOOK 2E	218	CV-11030	MORGAN HILL AND GILROY	BUENA VISTA AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2	BUENA VISTA AVENUE GRADE SEPARATION
BOOK 2E	219	CV-11031	MORGAN HILL AND GILROY	BUENA VISTA AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 1	BUENA VISTA AVENUE GRADE SEPARATION
BOOK 2E	220	CV-11032	MORGAN HILL AND GILROY	BUENA VISTA AVE	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 2	BUENA VISTA AVENUE GRADE SEPARATION
BOOK 2E	221	CV-11038	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 1	DOWNTOWN GILROY
BOOK 2E	222	CV-11039	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 2	DOWNTOWN GILROY
BOOK 2E	223	CV-11040	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 3	DOWNTOWN GILROY
BOOK 2E	224	CV-11041	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 4	DOWNTOWN GILROY
BOOK 2E	225	CV-11042	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 1	DOWNTOWN GILROY
BOOK 2E	226	CV-11043	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2	DOWNTOWN GILROY
BOOK 2E	227	CV-11044	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 1	DOWNTOWN GILROY
BOOK 2E	228	CV-11045	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 2	DOWNTOWN GILROY
BOOK 2E	229	CV-11046	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 3	DOWNTOWN GILROY
BOOK 2E	230	CV-11047	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 4	DOWNTOWN GILROY
BOOK 2E	231	CV-11048	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 4-STAGE 1	DOWNTOWN GILROY
BOOK 2E	232	CV-11049	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 4-STAGE 2	DOWNTOWN GILROY
BOOK 2E	233	CV-11050	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 4-STAGE 3	DOWNTOWN GILROY
BOOK 2E	234	CV-11051	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 4-STAGE 4	DOWNTOWN GILROY
BOOK 2E	235	CV-11052	MORGAN HILL AND GILROY	LEAVESLEY RD, US 101	EMBANKMENT TO DOWNTOWN GILROY	CONSTRUCTION STAGING PLAN-PHASE 5-STAGE 1	DOWNTOWN GILROY
BOOK 2E	236	CV-11601	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	GENERAL NOTES
BOOK 2E	237	CV-11602	SAN JOAQUIN VALLEY	INGOMAR GRADE RD AT HENRY MILLER RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	HENRY MILLER ROAD GRADE SEPARATION
BOOK 2E	238	CV-11603	SAN JOAQUIN VALLEY	HENRY MILLER RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	HENRY MILLER ROAD GRADE SEPARATION
BOOK 2E	239	CV-11604	SAN JOAQUIN VALLEY	HENRY MILLER RD AT MERCY SPRINGS RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	SR-165 / MERCY SPRINGS ROAD GRADE SEPARATION
BOOK 2E	240	CV-11605	SAN JOAQUIN VALLEY	HENRY MILLER RD AT DELTA RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	DELTA ROAD GRADE SEPARATION
BOOK 2E	241	CV-11606	SAN JOAQUIN VALLEY	HENRY MILLER RD AT TURNER ISLAND RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	TURNER ISLAND ROAD GRADE SEPARATION
BOOK 2E	242	CV-11607	SAN JOAQUIN VALLEY	HENRY MILLER RD AT CARLUCCI RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	CARLUCCI ROAD GRADE SEPARATION

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 2  
INDEX OF DRAWING  
SHEET 7 OF 8

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0207
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
<b>TRACK GUIDEWAY HORIZONTAL ALIGNMENT DATA TABLE</b>							
BOOK 2E	243	TT-B0201-JM	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO SCOTT BLVD	TRACK ALIGNMENT DATA TABLE	CURVE NO. C189 AND C190
BOOK 2E	244	TT-B0202-JM	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO SCOTT BLVD	TRACK ALIGNMENT DATA TABLE	CURVE NO. C191 AND C192
BOOK 2E	245	TT-B0203-JM	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO SCOTT BLVD	TRACK ALIGNMENT DATA TABLE	CURVE NO. C193 AND C194
BOOK 2E	246	TT-B0204-JM	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO SCOTT BLVD	TRACK ALIGNMENT DATA TABLE	CURVE NO. C195 AND C196
BOOK 2E	247	TT-B0205-JM	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO SCOTT BLVD	TRACK ALIGNMENT DATA TABLE	CURVE NO. C197
BOOK 2E	248	TT-B0201	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C301 AND C302
BOOK 2E	249	TT-B0202	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C303 AND C304
BOOK 2E	250	TT-B0203	GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C305 AND C306
BOOK 2E	251	TT-B0204	GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C307 AND C308
BOOK 2E	252	TT-B0205	GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C309 AND C310
BOOK 2E	253	TT-B0206	GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C311 AND C312
BOOK 2E	254	TT-B0207	GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C313 AND C314
BOOK 2E	255	TT-B0208	DOWNTOWN GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C315 AND C316
BOOK 2E	256	TT-B0209	DOWNTOWN GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C317 AND C318
BOOK 2E	257	TT-B0210	DOWNTOWN GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C319 AND C320
BOOK 2E	258	TT-B0211	DOWNTOWN GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C321
BOOK 2E	259	TT-B0120	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C127 AND C128
BOOK 2E	260	TT-B0120A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C127 AND C128A - TUNNEL DESIGN VARIANT
BOOK 2E	261	TT-B0121	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C129
BOOK 2E	262	TT-B0121A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C129A - TUNNEL DESIGN VARIANT
BOOK 2E	263	TT-B0122	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C130
BOOK 2E	264	TT-B0122A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C130A - TUNNEL DESIGN VARIANT
BOOK 2E	265	TT-B0123	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C131
BOOK 2E	266	TT-B0123A	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C131A - TUNNEL DESIGN VARIANT
BOOK 2E	267	TT-B0124	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C132 AND C133
BOOK 2E	268	TT-B0124A	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C132A AND C133A - TUNNEL DESIGN VARIANT
BOOK 2E	269	TT-B0125	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C134 AND C135
BOOK 2E	270	TT-B0125A	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C134A AND C135 - TUNNEL DESIGN VARIANT
BOOK 2E	271	TT-B0126	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C136
BOOK 2E	272	TT-B0127	SAN JOAQUIN VALLEY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C137
BOOK 2E	273	TT-B0128	SAN JOAQUIN VALLEY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C138 AND C139
BOOK 2E	274	TT-B0129	SAN JOAQUIN VALLEY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C140
BOOK 2E	275	TT-B0130	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C230
BOOK 2E	276	TT-B0130A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C230A - TUNNEL DESIGN VARIANT
BOOK 2E	277	TT-B0131	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C231 AND C231A
BOOK 2E	278	TT-B0131A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C231B AND C231C - TUNNEL DESIGN VARIANT
BOOK 2E	279	TT-B0132	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C232 AND C233
BOOK 2E	280	TT-B0132A	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C232A AND C233A - TUNNEL DESIGN VARIANT
BOOK 2E	281	TT-B0133	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C234 AND C235
BOOK 2E	282	TT-B0133A	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C234A AND C235 - TUNNEL DESIGN VARIANT
BOOK 2E	283	TT-B0134	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C236

<b>ROADWAY HORIZONTAL ALIGNMENT DATA TABLE</b>							
BOOK 2E	284	CV-B0101	MONTEREY CORRIDOR	N/A	VIADUCT	ALIGNMENT DATA TABLE	
BOOK 2E	285	CV-T0201	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	ALIGNMENT DATA TABLE	

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

CONTRACT NO.	HSR15-34
DRAWING NO.	GE - A0208
SCALE	NONE
SHEET NO.	

**ALTERNATIVE 3 - VIADUCT TO EAST GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
BOOK 3A	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 3	VIADUCT TO EAST GILROY
BOOK 3A	B	GE-A0301	SAN JOSE DIRIDON STATION APPROACH, MONTEREY CORRIDOR, MORGAN HILL AND GILROY	SCOTT BLVD TO PACHECO PASS HWY	INDEX OF DRAWING	SHEET 1 OF 7	
BOOK 3A	C	GE-D0301	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 3A	D	GE-D0302	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**COMPOSITE PLANS**

**SAN JOSE DIRIDON STATION APPROACH**

BOOK 3A	1	TT-D0251	SAN JOSE DIRIDON STATION APPROACH	SCOTT BLVD TO BENTON ST	VIADUCT TO SCOTT BLVD	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2250+00 TO B2340+00
BOOK 3A	2	TT-D0252	SAN JOSE DIRIDON STATION APPROACH	NEWHALL ST TO W TAYLOR ST	VIADUCT TO SCOTT BLVD	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2340+00 TO B2430+00
BOOK 3A	3	TT-D0253	SAN JOSE DIRIDON STATION APPROACH	CINNABAR ST TO PARK AVE	VIADUCT TO SCOTT BLVD	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2430+00 TO B58+00
BOOK 3A	4	TT-D0301	SAN JOSE DIRIDON STATION APPROACH	PARK AVE TO WILLOW ST	VIADUCT TO I-880	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B58+00 TO B125+00
BOOK 3A	5	TT-Y0301	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-881	PROJECT BOUNDARY DETAILS	

**MONTEREY CORRIDOR**

BOOK 3A	6	TT-D0401	MONTEREY CORRIDOR	WILLOW ST TO CURTNER AVE	VIADUCT/AT-GRADE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B125+00 TO B211+00
BOOK 3A	7	TT-Y0401	MONTEREY CORRIDOR	N/A	VIADUCT/AT-GRADE	PROJECT BOUNDARY DETAILS	
BOOK 3A	8	TT-D0601	MONTEREY CORRIDOR	COMMUNICATION HILL BLVD TO ESFAHAN CT	VIADUCT	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B211+00 TO B285+00
BOOK 3A	9	TT-D0602	MONTEREY CORRIDOR	CAPITOL EXPY TO SKYWAY DR	VIADUCT	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B285+00 TO B373+00
BOOK 3A	10	TT-D0603	MONTEREY CORRIDOR	BRANHAM LN TO BLOSSOM HILL RD	VIADUCT	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B373+00 TO B462+00
BOOK 3A	11	TT-D0604	MONTEREY CORRIDOR	FORD RD	VIADUCT	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B462+00 TO B552+00
BOOK 3A	12	TT-Y0601	MONTEREY CORRIDOR	N/A	VIADUCT	PROJECT BOUNDARY DETAILS	

**MORGAN HILL AND GILROY**

BOOK 3A	13	TT-D0701	MORGAN HILL AND GILROY	W VALLEY FREEWAY TO MENARD DR	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B552+00 TO B730+00
BOOK 3A	14	TT-D0702	MORGAN HILL AND GILROY	METCALF RD TO BLANCHARD RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B642+00 TO B732+00
BOOK 3A	15	TT-D0703	MORGAN HILL AND GILROY	BAILEY AVE TO RICHMOND AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B732+00 TO B8220+00
BOOK 3A	16	TT-D0704	MORGAN HILL AND GILROY	OGIER AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B822+00 TO B905+00
BOOK 3A	17	TT-D0705	MORGAN HILL AND GILROY	KIRBY AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B905+00 TO B995+00
BOOK 3A	18	TT-D0706	MORGAN HILL AND GILROY	BURNETT AVE TO COCHRANE RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B995+00 TO B1085+00
BOOK 3A	19	TT-D0707	MORGAN HILL AND GILROY	E MAIN AVE TO BARRETT AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1085+00 TO B1175+00
BOOK 3A	20	TT-D0708	MORGAN HILL AND GILROY	TENNANT AVE TO E MIDDLE AVE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1175+00 TO B1265+00
BOOK 3A	21	TT-Y0701	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	
BOOK 3A	22	TT-D1101	MORGAN HILL AND GILROY	E SAN MARTIN	VIADUCT TO EAST GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1265+00 TO B1425+00
BOOK 3A	23	TT-D1102	MORGAN HILL AND GILROY	CHURCH AVE	VIADUCT TO EAST GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1425+00 TO B1505+00
BOOK 3A	24	TT-D1103	MORGAN HILL AND GILROY	MASTEN AVE TO BUENA VISTA AVE	VIADUCT TO EAST GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1505+00 TO B1594+00
BOOK 3A	25	TT-D1104	MORGAN HILL AND GILROY	COHANSEY AVE TO LEAVESLEY RD	VIADUCT TO EAST GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1594+00 TO B1683+00
BOOK 3A	26	TT-D1105	MORGAN HILL AND GILROY	GILMAN RD TO HOLSCLAW RD	VIADUCT TO EAST GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1683+00 TO B1770+00
BOOK 3A	27	TT-D1106	MORGAN HILL AND GILROY	SR 152 TO JONES CREEK	VIADUCT TO EAST GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1770+00 TO B1859+00
BOOK 3A	28	TT-D1107	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	UPRR FREIGHT TRACK PROFILE	
BOOK 3A	29	TT-Y1101	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	PROJECT BOUNDARY DETAILS	
BOOK 3A	30	TT-Y1102	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	PROJECT BOUNDARY DETAILS	
BOOK 3A	31	TT-D1301	MORGAN HILL AND GILROY	BLOOMFIELD AVE	VIADUCT TO EAST GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1859+00 TO B1957+00
BOOK 3A	32	TT-D1302	MORGAN HILL AND GILROY	MILLERS CANAL TO LAKE RD	VIADUCT TO EAST GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1957+00 TO B2044+00
BOOK 3A	33	TT-D1303	MORGAN HILL AND GILROY	LOVERS LN	VIADUCT TO EAST GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2044+00 TO B2130+00
BOOK 3A	34	TT-D1304	MORGAN HILL AND GILROY	SR 152	VIADUCT TO EAST GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2130+00 TO B2215+00
BOOK 3A	35	TT-D1305	MORGAN HILL AND GILROY	SR 152	VIADUCT TO EAST GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2215+00 TO B2291+73.48

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GENERAL INFORMATION BOOK  
SHEET 21 OF 68**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 3  
INDEX OF DRAWING  
SHEET 1 OF 7

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0301
SCALE	NONE
SHEET NO.	

**ALTERNATIVE 3 - VIADUCT TO EAST GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
BOOK 3B	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 3	VIADUCT TO EAST GILROY
BOOK 3B	B	GE-A0302	PACHECO PASS, SAN JOAQUIN VALLEY	SR 152 TO CARLUCCI ROAD	INDEX OF DRAWING	SHEET 2 OF 7	
BOOK 3B	C	GE-A0303	SAN JOSE DIRIDON STATION APPROACH, MORGAN HILL AND GILROY	STATIONS	INDEX OF DRAWING	SHEET 3 OF 7	
BOOK 3B	D	GE-D0301	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 3B	E	GE-D0302	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**COMPOSITE PLANS**

**PACHECO PASS**

BOOK 3B	36	TT-D1401	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2362+00 TO B3205+00
BOOK 3B	37	TT-D1402	PACHECO PASS	SERVICE ROAD 1	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3205+00 TO B3295+00
BOOK 3B	38	TT-D1403	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3295+00 TO B3385+00
BOOK 3B	39	TT-D1404	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3385+00 TO B3475+00
BOOK 3B	40	TT-D1405	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3475+00 TO B3565+00
BOOK 3B	41	TT-D1405A	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3475+00 TO B3565+00 - TUNNEL DESIGN VARIANT
BOOK 3B	42	TT-D1406	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3565+00 TO B3655+00
BOOK 3B	43	TT-D1407	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3655+00 TO B3745+00
BOOK 3B	44	TT-D1407A	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3655+00 TO B3745+00 - TUNNEL DESIGN VARIANT
BOOK 3B	45	TT-D1408	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3745+00 TO B3835+00
BOOK 3B	46	TT-D1408A	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3745+00 TO B3835+00 - TUNNEL DESIGN VARIANT
BOOK 3B	47	TT-D1409	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3835+00 TO B3923+00
BOOK 3B	48	TT-D1410	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3923+00 TO B4014+00
BOOK 3B	49	TT-D1411	PACHECO PASS	MCCABE RD	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4014+00 TO B4105+00
BOOK 3B	50	TT-D1412	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4105+00 TO B4196+00
BOOK 3B	51	TT-D1413	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4196+00 TO B4287+00
BOOK 3B	52	TT-D1414	PACHECO PASS	ROMERO RD N TO SR 33	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4287+00 TO B4372+00

**SAN JOAQUIN VALLEY**

BOOK 3B	53	TT-D1601	SAN JOAQUIN VALLEY	FAHEY RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4372+00 TO B4445+00
BOOK 3B	54	TT-D1602	SAN JOAQUIN VALLEY	CCID MAIN CANAL	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4445+00 TO B4533+00
BOOK 3B	55	TT-D1603	SAN JOAQUIN VALLEY	INGOMAR GRADE RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4533+00 TO B4614+00
BOOK 3B	56	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 3B	57	TT-D1605	SAN JOAQUIN VALLEY	MONROE AVE	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4686+00 TO B4758+00
BOOK 3B	58	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 3B	59	TT-D1607	SAN JOAQUIN VALLEY	SR 165 TO SANTA FE GRADE	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4846+00 TO B4932+00
BOOK 3B	60	TT-D1608	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4932+00 TO B5020+00
BOOK 3B	61	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 3B	62	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 3B	63	TT-D1611	SAN JOAQUIN VALLEY	TURNER ISLAND RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5193+00 TO B5282+00
BOOK 3B	64	TT-D1612	SAN JOAQUIN VALLEY	CARLUCCI RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5282+00 TO B5366+28.52
BOOK 3B	65	TT-Y1601	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	PROJECT BOUNDARY DETAILS	
BOOK 3B	66	TT-Y1602	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	PROJECT BOUNDARY DETAILS	

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GENERAL INFORMATION BOOK  
SHEET 22 OF 68**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 3  
INDEX OF DRAWING  
SHEET 2 OF 7

CONTRACT NO.	HSR15-34
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SCALE	NONE
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**ALTERNATIVE 3 - VIADUCT TO EAST GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>STATIONS</b>							
BOOK 3B	67	AR-C0101	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST TO PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	GENERAL SITE PLAN
BOOK 3B	68	AR-C0102	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST TO PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	DETAILED SITE PLAN
BOOK 3B	69	AR-F0101	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST TO PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	CONCOURSE PLAN
BOOK 3B	70	AR-Y0101	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST TO PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	SECTION
BOOK 3B	71	AR-Y0102	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST TO PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	MASSING DIAGRAM 1
BOOK 3B	72	AR-Y0103	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST TO PARK AVE	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	MASSING DIAGRAM 2
BOOK 3B	73	AR-Y0104	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 3B	74	AR-Y0105	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 3B	75	AR-Y0106	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 3B	76	AR-Y0107	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 3B	77	AR-C1101	MORGAN HILL AND GILROY	LAS ANIMAS AVE TO LEAVESLEY RD	VIADUCT TO EAST GILROY	EAST GILROY STATION - VIADUCT	GENERAL SITE PLAN
BOOK 3B	78	AR-C1102	MORGAN HILL AND GILROY	LEAVESLEY RD	VIADUCT TO EAST GILROY	EAST GILROY STATION - VIADUCT	DETAILED SITE PLAN
BOOK 3B	79	AR-F1101	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	EAST GILROY STATION - VIADUCT	CONCOURSE PLAN
BOOK 3B	80	AR-Y1101	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	EAST GILROY STATION - VIADUCT	SECTION
BOOK 3B	81	AR-Y1102	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	EAST GILROY STATION - VIADUCT	MASSING DIAGRAM
BOOK 3B	82	AR-Y1103	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	EAST GILROY STATION - VIADUCT	FACILITY SIZING TABLE
BOOK 3B	83	AR-Y1104	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	EAST GILROY STATION - VIADUCT	FACILITY SIZING TABLE
BOOK 3B	84	AR-Y1105	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	EAST GILROY STATION - VIADUCT	FACILITY SIZING TABLE
BOOK 3B	85	AR-Y1106	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	EAST GILROY STATION - VIADUCT	FACILITY SIZING TABLE

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**  
ALTERNATIVE 3  
INDEX OF DRAWING  
SHEET 3 OF 7

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0303
SCALE	NONE
SHEET NO.	

**ALTERNATIVE 3 - VIADUCT TO EAST GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
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**COVER, INDEX OF DRAWING AND KEY MAPS**

BOOK 3C	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 3	VIADUCT TO EAST GILROY
BOOK 3C	B	GE-A0304	ENTIRE ALTERNATIVE	COMPLEX STRUCTURES, GRADE SEPARATIONS	INDEX OF DRAWING	SHEET 4 OF 7	
BOOK 3C	C	GE-D0301	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 3C	D	GE-D0302	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**STRUCTURES**

BOOK 3C	86	ST-V0151	SAN JOSE DIRIDON STATION APPROACH	W TAYLOR ST	VIADUCT TO I-880	COMPLEX STRUCTURES	GENERAL PLAN 1 OF 2
BOOK 3C	87	ST-V0152	SAN JOSE DIRIDON STATION APPROACH	W SANTA CLARA ST	VIADUCT TO I-880	COMPLEX STRUCTURES	GENERAL PLAN 2 OF 2
BOOK 3C	88	ST-T0151	SAN JOSE DIRIDON STATION APPROACH	UPRR T-13, W TAYLOR ST	VIADUCT TO I-880	OVERPASSES AND UNDERPASSES	HEDDING ST AND TAYLOR ST
BOOK 3C	89	ST-V0301	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	TYPICAL SECTIONS	SHEET 1 OF 3
BOOK 3C	90	ST-V0302	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	TYPICAL SECTIONS	SHEET 2 OF 3
BOOK 3C	91	ST-V0303	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	TYPICAL SECTIONS	SHEET 3 OF 3
BOOK 3C	92	ST-T0301	SAN JOSE DIRIDON STATION APPROACH	I-880, SR 85	VIADUCT TO I-880	CALTRANS STRUCTURES	GENERAL PLAN
BOOK 3C	93	ST-T0401	MONTEREY CORRIDOR	ALMADEN EXPY, CURTNER AVE	VIADUCT/AT-GRADE	OVERPASSES AND UNDERPASSES	GENERAL PLAN
BOOK 3C	94	ST-V0601	MONTEREY CORRIDOR	CAPITOL CALTRAIN, CAPITOL EXPY	VIADUCT	COMPLEX STRUCTURES	GENERAL PLAN 1 OF 2
BOOK 3C	95	ST-V0602	MONTEREY CORRIDOR	BLOSSOM HILL RD, BERNAL RD	VIADUCT	COMPLEX STRUCTURES	GENERAL PLAN 2 OF 2
BOOK 3C	96	ST-V0701	MORGAN HILL AND GILROY	BAILEY AVE, COCHRANE RD	VIADUCT TO DOWNTOWN GILROY	COMPLEX STRUCTURES	GENERAL PLAN 1 OF 2
BOOK 3C	97	ST-V0702	MORGAN HILL AND GILROY	US 101, LLAGAS CREEK	VIADUCT TO DOWNTOWN GILROY	COMPLEX STRUCTURES	GENERAL PLAN 2 OF 2
BOOK 3C	98	ST-T0701	MORGAN HILL AND GILROY	BAILEY AVE, I-5	VIADUCT TO DOWNTOWN GILROY	CALTRANS STRUCTURES	GENERAL PLAN
BOOK 3C	99	ST-V0901	MORGAN HILL AND GILROY	US 101	VIADUCT TO DOWNTOWN GILROY	COMPLEX STRUCTURES	GENERAL PLAN
BOOK 3C	100	ST-V1101	MORGAN HILL AND GILROY	US 101, LLAGAS CREEK	VIADUCT TO EAST GILROY	COMPLEX STRUCTURES	GENERAL PLAN
BOOK 3C	101	ST-V1401	PACHECO PASS	CALIFORNIA AQUEDUCT, CCID OUTSIDE CANAL	TUNNEL	COMPLEX STRUCTURES	GENERAL PLAN
BOOK 3C	102	ST-V1601	SAN JOAQUIN VALLEY	SAN LUIS WASTEWAY, LOS BANOS CREEK	HENRY MILLER ROAD	COMPLEX STRUCTURES	GENERAL PLAN

**ROADWAY**

**SAN JOSE DIRIDON STATION APPROACH**

BOOK 3C	103	CV-T0151	SAN JOSE DIRIDON STATION APPROACH	CHESTNUT AVE, ELM ST	VIADUCT TO I-880	PLAN, PROFILE AND TYPICAL SECTIONS	WEST HEDDING STREET
BOOK 3C	104	CV-T0152	SAN JOSE DIRIDON STATION APPROACH	W TAYLOR ST, COLEMAN AVE	VIADUCT TO I-880	PLAN, PROFILE AND TYPICAL SECTIONS	WEST TAYLOR STREET

**MONTEREY CORRIDOR**

BOOK 3C	105	CV-S0601	MONTEREY CORRIDOR	CAPITOL EXPY, BLOSSOM HILL RD	VIADUCT	CIVIL DETAILS	
BOOK 3C	106	CV-T0401	MONTEREY CORRIDOR	WILLOW ST, W ALMA AVE	VIADUCT/AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	SR87 ON-RAMP
BOOK 3C	107	CV-T0402	MONTEREY CORRIDOR	CURTNER AVE	VIADUCT/AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	ALMADEN ROAD AND CURTNER AVENUE

**MONTEREY CORRIDOR**

BOOK 3C	108	CV-S1101	MORGAN HILL AND GILROY	COHANSEY AVE, LAS ANIMAS AVE	VIADUCT TO EAST GILROY	CIVIL DETAILS	
BOOK 3C	109	CV-T1102	MORGAN HILL AND GILROY	LAS ANIMAS AVE, LEAVESLEY RD	VIADUCT TO EAST GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	LAS ANIMAS AVE AND LEAVESLEY RD
BOOK 3C	110	CV-T1105	MORGAN HILL AND GILROY	SR 152	VIADUCT TO EAST GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	SR 152
BOOK 3C	111	CV-T1106	MORGAN HILL AND GILROY	HOLSCLAW RD, FRAZIER LAKE RD	VIADUCT TO EAST GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HOLC1 -2, SR 152-2 AND FRAZIER LAKE ROAD
BOOK 3C	112	CV-G1101	MORGAN HILL AND GILROY	SR 152	VIADUCT TO EAST GILROY	SOAP LAKE FLOOD PLAIN	DETAIL

**MORGAN HILL AND GILROY**

BOOK 3C	113	CV-S0701	MORGAN HILL AND GILROY	ACCESS RD TO MONTEREY RD	VIADUCT TO DOWNTOWN GILROY	CIVIL DETAILS	
BOOK 3C	114	CV-S0901	MORGAN HILL AND GILROY	COHANSEY AVE, E LUCHESSA AVE	VIADUCT TO DOWNTOWN GILROY	CIVIL DETAILS	
BOOK 3C	115	CV-S1201	MORGAN HILL AND GILROY	LAKE RD, SR 152	VIADUCT TO DOWNTOWN GILROY	CIVIL DETAILS	
BOOK 3C	116	CV-T0704	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MONTEREY ROAD
BOOK 3C	117	CV-T0907	MORGAN HILL AND GILROY	BLOOMFIELD AVE, BOLSA AVE	VIADUCT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	BOLSA ROAD AND BLOOMFIELD AVENUE
BOOK 3C	118	CV-T0909	MORGAN HILL AND GILROY	BLOOMFIELD ACCESS RD	VIADUCT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	BLOOMFIELD ACCESS ROAD
BOOK 3C	119	CV-G0901	MORGAN HILL AND GILROY	CARNADERO AVE, SHELDON AVE	VIADUCT/AT-GRADE TO DOWNTOWN GILROY	SOAP LAKE FLOOD PLAIN	DETAIL

**SAN JOSE TO CVY EIR/S: VOLUME III  
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SHEET 24 OF 68**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 3  
INDEX OF DRAWING  
SHEET 4 OF 7

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0304
SCALE	NONE
SHEET NO.	

**ALTERNATIVE 3 - VIADUCT TO EAST GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
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**COVER, INDEX OF DRAWING AND KEY MAPS**

BOOK 3D	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 3	VIADUCT TO EAST GILROY
BOOK 3D	B	GE-A0305	ENTIRE ALTERNATIVE	GRADE SEPARATIONS/MAINTENANCE OF WAY, TUNNELS	INDEX OF DRAWING	SHEET 5 OF 7	
BOOK 3D	C	GE-D0301	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 3D	D	GE-D0302	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**ROADWAY**

**PACHECO PASS**

BOOK 3D	120	CV-T0401	MONTEREY CORRIDOR	SR87, WILLOW ST	VIADUCT / AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	SR87 ON-RAMP
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**SAN JOAQUIN VALLEY**

BOOK 3D	121	CV-S1601	SAN JOAQUIN VALLEY	MONTEREY RD, INGOMAR GRADE	HENRY MILLER ROAD	CIVIL DETAILS	
BOOK 3D	122	CV-T1603	SAN JOAQUIN VALLEY	VOLTA RD, HENRY MILLER RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HENRY MILLER ROAD
BOOK 3D	123	CV-T1604	SAN JOAQUIN VALLEY	HENRY MILLER ACCESS	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HENRY MILLER ACCESS
BOOK 3D	124	CV-T1606	SAN JOAQUIN VALLEY	HENRY MILLER RD AT MERCY SPRINGS RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MERCY SPRINGS ROAD
BOOK 3D	125	CV-T1609	SAN JOAQUIN VALLEY	DELTA RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	DELTA ROAD
BOOK 3D	126	CV-T1610	SAN JOAQUIN VALLEY	TURNER ISLAND RD AT HENRY MILLER RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	TURNER ROAD
BOOK 3D	127	CV-T1611	SAN JOAQUIN VALLEY	CARLUCCI RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	CARLUCCI ROAD
BOOK 3D	128	CV-T1612	SAN JOAQUIN VALLEY	HUTCHINS RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HUTCHINS ROAD

**MAINTENANCE OF WAY**

BOOK 3D	129	MY-B0906	MORGAN HILL AND GILROY	CARNADERO AVE TO SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	MAINTENANCE OF WAY FACILITY	DETAIL PLAN
BOOK 3D	130	MY-B0907	MORGAN HILL AND GILROY	CARNADERO AVE TO SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	MAINTENANCE OF WAY FACILITY	TYPICAL SECTIONS
BOOK 3D	131	MY-B0908	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	MAINTENANCE OF WAY FACILITY	UPRR PROFILE AND GEOMETRY FOR MOWF
BOOK 3D	132	MY-B1106	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	MAINTENANCE OF WAY FACILITY	DETAIL PLAN
BOOK 3D	133	MY-B1107	MORGAN HILL AND GILROY	SR 152, JONES CREEK	VIADUCT TO EAST GILROY	MAINTENANCE OF WAY FACILITY	TYPICAL SECTIONS
BOOK 3D	134	MY-B1108	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	MAINTENANCE OF WAY FACILITY	MOWF TRANSITION TRACK PROFILE AND GEOMETRY

**TUNNELS - PACHECO PASS**

BOOK 3D	135	TN-D1301	PACHECO PASS	PACHECO PASS RD	TUNNEL	TUNNEL 1 - PORTAL 1	
BOOK 3D	136	TN-D1302	PACHECO PASS	SR 152	TUNNEL	TUNNEL 1 - PORTAL 2	
BOOK 3D	137	TN-D1404	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 1	
BOOK 3D	138	TN-D1405	PACHECO PASS	ACCESS RD 1	TUNNEL	TUNNEL PORTAL 2 ACCESS ROAD	
BOOK 3D	139	TN-D1406	PACHECO PASS	CALIFORNIA AQUEDUCT	TUNNEL	TUNNEL PORTAL 2 ACCESS ROAD	
BOOK 3D	140	TN-D1407	PACHECO PASS	ACCESS RD 2	TUNNEL	TUNNEL PORTAL 2 ACCESS ROAD	
BOOK 3D	141	TN-D1408	PACHECO PASS	N/A	TUNNEL	LONGITUDINAL PROFILE	
BOOK 3D	142	TN-D1409	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 3D	143	TN-D1410	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 3D	144	TN-D1411	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 3D	145	TN-D1412	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 3D	146	TN-D1413	PACHECO PASS	I-5, FAHEY RD	TUNNEL	GRADING DETAIL	
BOOK 3D	147	TN-D1414	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 1	SECTIONS
BOOK 3D	148	TN-D1415	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 2	APPROACH 1
BOOK 3D	149	TN-D1416	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 2	APPROACH 2

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SHEET 25 OF 68**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED  
ALTERNATIVE 3  
INDEX OF DRAWING  
SHEET 5 OF 7**

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0305
SCALE	NONE
SHEET NO.	



**ALTERNATIVE 3 - VIADUCT TO EAST GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
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**COVER, INDEX OF DRAWING AND KEY MAPS**

BOOK 3E	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 3	VIADUCT TO EAST GILROY
BOOK 3E	B	GE-A0306	ENTIRE ALTERNATIVE	CONSTRUCTION STAGING	INDEX OF DRAWING	SHEET 6 OF 7	
BOOK 3E	C	GE-D0301	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 3E	D	GE-D0302	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**CONSTRUCTION STAGING**

BOOK 3E	150	CV-I0401	MONTEREY CORRIDOR	W ALMA AVE, CURTNER AVE	VIADUCT	CONSTRUCTION STAGING PLAN-PHASE 1-STAGES 1 & 2	CALTRAIN/UPRR RELOCATION-STA 149+00 TO 288+00
BOOK 3E	151	CV-I0402	MONTEREY CORRIDOR	W ALMA AVE, CURTNER AVE	VIADUCT	CONSTRUCTION STAGING PLAN-PHASE 1-STAGES 3	CALTRAIN/UPRR RELOCATION-STA 149+00 TO 288+00
BOOK 3E	152	CV-I0403	MONTEREY CORRIDOR	W ALMA AVE, CURTNER AVE	VIADUCT	CONSTRUCTION STAGING PLAN-PHASE 2	CALTRAIN/UPRR RELOCATION-STA 149+00 TO 288+00
BOOK 3E	153	CV-I0404	MONTEREY CORRIDOR	W ALMA AVE, CURTNER AVE	VIADUCT	CONSTRUCTION STAGING PLAN-PHASE 3	CALTRAIN/UPRR RELOCATION-STA 149+00 TO 288+00
BOOK 3E	154	CV-I0405A	MONTEREY CORRIDOR	ALMADEN RD	VIADUCT	CONSTRUCTION STAGING-PHASE 1-STAGE 1	ALMADEN RD UNDERPASS
BOOK 3E	155	CV-I0405B	MONTEREY CORRIDOR	ALMADEN RD	VIADUCT	CONSTRUCTION STAGING-PHASE 1-STAGE 2	ALMADEN RD UNDERPASS
BOOK 3E	156	CV-I0405C	MONTEREY CORRIDOR	ALMADEN RD	VIADUCT	CONSTRUCTION STAGING-PHASE 1-STAGE 3	ALMADEN RD UNDERPASS
BOOK 3E	157	CV-I0406	MONTEREY CORRIDOR	ALMADEN RD	VIADUCT	CONSTRUCTION STAGING-PHASE 2	ALMADEN RD UNDERPASS
BOOK 3E	158	CV-I0407	MONTEREY CORRIDOR	ALMADEN RD	VIADUCT	CONSTRUCTION STAGING-PHASE 3	ALMADEN RD UNDERPASS
BOOK 3E	159	CV-I0408	MONTEREY CORRIDOR	SR 87, UPRR	VIADUCT	CONSTRUCTION STAGING-PHASE 1-STAGES 1 & 2	MODIFY EXISTING ALMADEN EXPRESSWAY OVERHEAD
BOOK 3E	160	CV-I0409	MONTEREY CORRIDOR	SR 87, UPRR	VIADUCT	CONSTRUCTION STAGING-PHASE 1-STAGES 3	MODIFY EXISTING ALMADEN EXPRESSWAY OVERHEAD
BOOK 3E	161	CV-I0410	MONTEREY CORRIDOR	SR 87, UPRR	VIADUCT	CONSTRUCTION STAGING-PHASE 2	MODIFY EXISTING ALMADEN EXPRESSWAY OVERHEAD
BOOK 3E	162	CV-I0411	MONTEREY CORRIDOR	SR 87, UPRR	VIADUCT	CONSTRUCTION STAGING-PHASE 3	MODIFY EXISTING ALMADEN EXPRESSWAY OVERHEAD
BOOK 3E	163	CV-I0412	MONTEREY CORRIDOR	UPRR	VIADUCT	CONSTRUCTION STAGING-PHASE 1	MODIFY EXISTING CURTNER AVENUE OVERHEAD
BOOK 3E	164	CV-I0413	MONTEREY CORRIDOR	UPRR	VIADUCT	CONSTRUCTION STAGING-PHASES 2 & 3	MODIFY EXISTING CURTNER AVENUE OVERHEAD
BOOK 3E	165	CV-I1001	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN	GENERAL NOTES
BOOK 3E	166	CV-I1002	MORGAN HILL AND GILROY	BOLSA RD	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN - STAGE 1	BLOOMFIELD AVENUE GRADE SEPARATION - SHEET 1 OF 2
BOOK 3E	167	CV-I1003	MORGAN HILL AND GILROY	BLOOMFIELD AVE, SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN - STAGE 1	BLOOMFIELD AVENUE GRADE SEPARATION - SHEET 2 OF 2
BOOK 3E	168	CV-I1004	MORGAN HILL AND GILROY	BLOOMFIELD AVE, BOLSA RD	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN - STAGE 2	BLOOMFIELD AVENUE GRADE SEPARATION - SHEET 1 OF 2
BOOK 3E	169	CV-I1005	MORGAN HILL AND GILROY	BLOOMFIELD AVE, SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN - STAGE 2	BLOOMFIELD AVENUE GRADE SEPARATION - SHEET 2 OF 2
BOOK 3E	170	CV-I1006	MORGAN HILL AND GILROY	BLOOMFIELD AVE, BOLSA RD	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN - STAGE 3	BLOOMFIELD AVENUE GRADE SEPARATION - SHEET 1 OF 2
BOOK 3E	171	CV-I1007	MORGAN HILL AND GILROY	BLOOMFIELD AVE, SHELDON AVE	VIADUCT TO DOWNTOWN GILROY	CONSTRUCTION PHASING / STAGING PLAN - STAGE 3	BLOOMFIELD AVENUE GRADE SEPARATION - SHEET 2 OF 2
BOOK 3E	172	CV-I1101	MORGAN HILL AND GILROY	N/A	VIADUCT TO EAST GILROY	GENERAL NOTES	CONSTRUCTION PHASING / STAGING PLAN
BOOK 3E	173	CV-I1102	MORGAN HILL AND GILROY	SR 152	VIADUCT TO EAST GILROY	CONSTRUCTION STAGING PLAN - STAGE 1	SR 152/FRAZIER LAKE RD GRADE SEPARATIONS
BOOK 3E	174	CV-I1103	MORGAN HILL AND GILROY	FRAZIER LAKE RD	VIADUCT TO EAST GILROY	CONSTRUCTION STAGING PLAN - STAGE 1	SR 152/FRAZIER LAKE RD GRADE SEPARATIONS
BOOK 3E	175	CV-I1104	MORGAN HILL AND GILROY	SR 152, FRAZIER LAKE RD	VIADUCT TO EAST GILROY	CONSTRUCTION STAGING PLAN - STAGE 2	SR 152/FRAZIER LAKE RD GRADE SEPARATIONS
BOOK 3E	176	CV-I1105	MORGAN HILL AND GILROY	SR 152	VIADUCT TO EAST GILROY	CONSTRUCTION STAGING PLAN - STAGE 2	SR 152/FRAZIER LAKE RD GRADE SEPARATIONS
BOOK 3E	177	CV-I1106	MORGAN HILL AND GILROY	SR 152	VIADUCT TO EAST GILROY	CONSTRUCTION STAGING PLAN - STAGE 2	SR 152/FRAZIER LAKE RD GRADE SEPARATIONS
BOOK 3E	178	CV-I1107	MORGAN HILL AND GILROY	FRAZIER LAKE ROAD	VIADUCT TO EAST GILROY	CONSTRUCTION STAGING PLAN - STAGE 2	SR 152/FRAZIER LAKE RD GRADE SEPARATIONS
BOOK 3E	179	CV-I1108	MORGAN HILL AND GILROY	SR 152	VIADUCT TO EAST GILROY	CONSTRUCTION STAGING PLAN - STAGE 3	SR 152/FRAZIER LAKE RD GRADE SEPARATIONS
BOOK 3E	180	CV-I1109	MORGAN HILL AND GILROY	SR 152	VIADUCT TO EAST GILROY	CONSTRUCTION STAGING PLAN - STAGE 3	SR 152/FRAZIER LAKE RD GRADE SEPARATIONS
BOOK 3E	181	CV-I1110	MORGAN HILL AND GILROY	SR 152	VIADUCT TO EAST GILROY	CONSTRUCTION STAGING PLAN - STAGE 3	SR 152/FRAZIER LAKE RD GRADE SEPARATIONS
BOOK 3E	182	CV-I1601	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	GENERAL NOTES
BOOK 3E	183	CV-I1602	SAN JOAQUIN VALLEY	INGOMAR GRADE RD AT HENRY MILLER RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	HENRY MILLER ROAD GRADE SEPARATION
BOOK 3E	184	CV-I1603	SAN JOAQUIN VALLEY	HENRY MILLER RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	HENRY MILLER ROAD GRADE SEPARATION
BOOK 3E	185	CV-I1604	SAN JOAQUIN VALLEY	HENRY MILLER RD AT MERCY SPRINGS RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	SR-165 / MERCY SPRINGS ROAD GRADE SEPARATION
BOOK 3E	186	CV-I1605	SAN JOAQUIN VALLEY	HENRY MILLER RD AT DELTA RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	DELTA ROAD GRADE SEPARATION
BOOK 3E	187	CV-I1606	SAN JOAQUIN VALLEY	HENRY MILLER RD AT TURNER ISLAND RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	TURNER ISLAND ROAD GRADE SEPARATION
BOOK 3E	188	CV-I1607	SAN JOAQUIN VALLEY	HENRY MILLER RD AT CARLUCCI RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	CARLUCCI ROAD GRADE SEPARATION

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INDEX OF DRAWING  
SHEET 6 OF 7**

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SCALE	NONE
SHEET NO.	

**ALTERNATIVE 3 - VIADUCT TO EAST GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
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**COVER, INDEX OF DRAWING AND KEY MAPS**

BOOK 3F	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 3	VIADUCT TO EAST GILROY
BOOK 3F	B	GE-A0307	ENTIRE ALTERNATIVE	ALIGNMENT DATA TABLES	INDEX OF DRAWING	SHEET 7 OF 7	
BOOK 3F	C	GE-D0301	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 3F	D	GE-D0302	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	

**TRACK GUIDEWAY HORIZONTAL ALIGNMENT DATA TABLE**

BOOK 3F	189	TT-B0101-JM	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	TRACK ALIGNMENT DATA TABLE	CURVE NO. C189 AND C190
BOOK 3F	190	TT-B0102-JM	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	TRACK ALIGNMENT DATA TABLE	CURVE NO. C191 AND C192
BOOK 3F	191	TT-B0103-JM	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	TRACK ALIGNMENT DATA TABLE	CURVE NO. C193
BOOK 3F	192	TT-B0104	SAN JOSE DIRIDON STATION APPROACH	N/A	VIADUCT TO I-880	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C101 AND C102
BOOK 3F	193	TT-B0105	MONTEREY CORRIDOR	N/A	VIADUCT TO I-880	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C103 AND C104
BOOK 3F	194	TT-B0106	MONTEREY CORRIDOR	N/A	VIADUCT/AT-GRADE	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C105 AND C106
BOOK 3F	195	TT-B0107	MONTEREY CORRIDOR	N/A	VIADUCT/AT-GRADE	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C107
BOOK 3F	196	TT-B0108	MONTEREY CORRIDOR	N/A	VIADUCT	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C108 AND C109
BOOK 3F	197	TT-B0109	MONTEREY CORRIDOR	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C110 AND C111
BOOK 3F	198	TT-B0110	MONTEREY CORRIDOR	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C112
BOOK 3F	199	TT-B0111	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C113 AND C114
BOOK 3F	200	TT-B0112	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C115 AND C116
BOOK 3F	201	TT-B0113	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C117 AND C118
BOOK 3F	202	TT-B0114	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C119 AND C120
BOOK 3F	203	TT-B0115	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C121
BOOK 3F	204	TT-B0116	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C122
BOOK 3F	205	TT-B0117	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C123
BOOK 3F	206	TT-B0118	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C124 AND C125
BOOK 3F	207	TT-B0119	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C126
BOOK 3F	208	TT-B0120	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C127 AND C128
BOOK 3F	209	TT-B0120A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C127 AND C128A - TUNNEL DESIGN VARIANT
BOOK 3F	210	TT-B0121	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C129
BOOK 3F	211	TT-B0121A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C129A - TUNNEL DESIGN VARIANT
BOOK 3F	212	TT-B0122	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C130
BOOK 3F	213	TT-B0122A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C130A - TUNNEL DESIGN VARIANT
BOOK 3F	214	TT-B0123	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C131
BOOK 3F	215	TT-B0123A	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C131A - TUNNEL DESIGN VARIANT
BOOK 3F	216	TT-B0124	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C132 AND C133
BOOK 3F	217	TT-B0124A	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C132A AND C133A - TUNNEL DESIGN VARIANT
BOOK 3F	218	TT-B0125	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C134 AND C135
BOOK 3F	219	TT-B0125A	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C134A AND C135 - TUNNEL DESIGN VARIANT
BOOK 3F	220	TT-B0126	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C136
BOOK 3F	221	TT-B0127	SAN JOAQUIN VALLEY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C137
BOOK 3F	222	TT-B0128	SAN JOAQUIN VALLEY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C138 AND C139
BOOK 3F	223	TT-B0129	SAN JOAQUIN VALLEY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C140
BOOK 3F	224	TT-B0130	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C230
BOOK 3F	225	TT-B0130A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C230A - TUNNEL DESIGN VARIANT
BOOK 3F	226	TT-B0131	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C231 AND C231A
BOOK 3F	227	TT-B0131A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C231B AND C231C - TUNNEL DESIGN VARIANT
BOOK 3F	228	TT-B0132	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C232 AND C233
BOOK 3F	229	TT-B0132A	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C232A AND C233A - TUNNEL DESIGN VARIANT
BOOK 3F	230	TT-B0133	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C234 AND C235
BOOK 3F	231	TT-B0133A	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C234A AND C235 - TUNNEL DESIGN VARIANT
BOOK 3F	232	TT-B0134	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C236
BOOK 3F	233	TT-B0301	DOWNTOWN GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C501 AND C502
BOOK 3F	234	TT-B0302	DOWNTOWN GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C503
BOOK 3F	235	TT-B0303	GILROY TO PACHECO	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C504
BOOK 3F	236	TT-B0304	GILROY TO PACHECO	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C604

**ROADWAY HORIZONTAL ALIGNMENT DATA TABLE**

BOOK 3F	237	CV-B0101	MONTEREY CORRIDOR	N/A	VIADUCT	ALIGNMENT DATA TABLE	
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**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 27 OF 68**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 3  
INDEX OF DRAWING  
SHEET 7 OF 7

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0307
SCALE	NONE
SHEET NO.	



**ALTERNATIVE 4 - CP COAST TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
BOOK 4A	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 4	
BOOK 4A	B	GE-A0401	CP COAST TO GILROY	SCOTT BLVD TO MILLER CANAL	INDEX OF DRAWING	SHEET 1 OF 6	
BOOK 4A	C	GE-D0401	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 4A	D	GE-D0402	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	SHEET 1 OF 2
<b>COMPOSITE PLANS</b>							
<b>SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)</b>							
BOOK 4A	1	TT-D4001	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	SCOTT BLVD TO BENTON ST	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2782+86 TO B2952+50
BOOK 4A	2	TT-D4002	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	NEWHALL ST TO EMORY ST	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2952+50 TO B3029+40
BOOK 4A	3	TT-D4003	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	W TAYLOR ST TO SAN CARLOS ST	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B3029+40 TO B3112+50
BOOK 4A	4	TT-D4003A	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	W TAYLOR ST TO SAN CARLOS ST	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B3029+40 TO B3112+50 - DIRIDON DESIGN VARIANT
BOOK 4A	5	TT-D4004	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	I-280 TO HWY 87	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B3112+50 TO B3161+50
BOOK 4A	6	TT-D4004A	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	I-280 TO HWY 87	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B3112+50 TO B3161+50 - DIRIDON DESIGN VARIANT
BOOK 4A	7	TT-D4005	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	WILLOW ST TO CURTNER AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3161+50 TO B3249+50
<b>MONTEREY CORRIDOR (CP COAST TO GILROY)</b>							
BOOK 4A	8	TT-D4006	MONTEREY CORRIDOR (CP COAST TO GILROY)	COMMUNICATION HILL BLVD TO ESFAHAN CT	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3249+50 TO B324+50
BOOK 4A	9	TT-D4007	MONTEREY CORRIDOR (CP COAST TO GILROY)	CAPITOL EXPRESSWAY TO SKYWAY DR	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B324+50 TO B411+50
BOOK 4A	10	TT-D4008	MONTEREY CORRIDOR (CP COAST TO GILROY)	BRANHAM LANE TO BLOSSOM HILL RD	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B411+50 TO B501+00
BOOK 4A	11	TT-D4009	MONTEREY CORRIDOR (CP COAST TO GILROY)	FORD RD TO CA-85	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B501+00 TO B590+70
BOOK 4A	12	TT-D4010	MONTEREY CORRIDOR (CP COAST TO GILROY)	BERNAL RD TO FORSUM RD	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B590+70 TO B679+50
BOOK 4A	13	TT-D4011	MONTEREY CORRIDOR (CP COAST TO GILROY)	METCALF RD TO EMADO AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B679+50 TO B767+50
<b>MORGAN HILL AND GILROY (CP COAST TO GILROY)</b>							
BOOK 4A	14	TT-D4012	MORGAN HILL AND GILROY (CP COAST TO GILROY)	BAILEY AVE TO RICHMOND AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B767+50 TO B856+50
BOOK 4A	15	TT-D4013	MORGAN HILL AND GILROY (CP COAST TO GILROY)	FOX LN TO MIRAMONTE AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B856+50 TO B945+50
BOOK 4A	16	TT-D4014	MORGAN HILL AND GILROY (CP COAST TO GILROY)	LIVE OAK AVE TO TILTON AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B945+50 TO B1036+00
BOOK 4A	17	TT-D4015	MORGAN HILL AND GILROY (CP COAST TO GILROY)	PEEBLES AVE TO E CENTRAL AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1036+00 TO B1125+00
BOOK 4A	18	TT-D4016	MORGAN HILL AND GILROY (CP COAST TO GILROY)	MAIN AVE TO TENNANT AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1125+00 TO B1215+00
BOOK 4A	19	TT-D4017	MORGAN HILL AND GILROY (CP COAST TO GILROY)	BUTTERFIELD BLVD TO E MIDDLE AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1215+00 TO B1304+00
BOOK 4A	20	TT-D4018	MORGAN HILL AND GILROY (CP COAST TO GILROY)	CALIFORNIA AVE TO HIGHLAND AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1304+00 TO B1393+00
BOOK 4A	21	TT-D4019	MORGAN HILL AND GILROY (CP COAST TO GILROY)	CHURCH AVE TO MASTEN AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1393+00 TO B1481+00
BOOK 4A	22	TT-D4020	MORGAN HILL AND GILROY (CP COAST TO GILROY)	RUCKER AVE TO LAS ANIMAS AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1481+00 TO B1566+00
BOOK 4A	23	TT-D4021	MORGAN HILL AND GILROY (CP COAST TO GILROY)	LAS ANIMAS AVE TO IOOF AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1566+00 TO B1635+00
BOOK 4A	24	TT-D4022	MORGAN HILL AND GILROY (CP COAST TO GILROY)	LEWIS ST TO E LUCHESSA AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1635+00 TO B1717+00
BOOK 4A	25	TT-D4023	MORGAN HILL AND GILROY (CP COAST TO GILROY)	US 101 TO CARNADERO AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1717+00 TO B1805+00
BOOK 4A	26	TT-D4023A	MORGAN HILL AND GILROY (CP COAST TO GILROY)	US 101 TO CARNADERO AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1717+00 TO B1805+00 - TUNNEL DESIGN VARIANT
BOOK 4A	27	TT-D4024	MORGAN HILL AND GILROY (CP COAST TO GILROY)	BLOOMFIELD AVE TO SHELDON RD	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1805+00 TO B1880+00
BOOK 4A	28	TT-D4024A	MORGAN HILL AND GILROY (CP COAST TO GILROY)	BLOOMFIELD AVE TO SHELDON RD	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1805+00 TO B1880+00 - TUNNEL DESIGN VARIANT
BOOK 4A	29	TT-D4025	MORGAN HILL AND GILROY (CP COAST TO GILROY)	PAJARO RIVER TO MILLER CANAL	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1880+00 TO B1938+35
BOOK 4A	30	TT-D4025A	MORGAN HILL AND GILROY (CP COAST TO GILROY)	PAJARO RIVER TO MILLER CANAL	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1880+00 TO B1938+35 - TUNNEL DESIGN VARIANT
BOOK 4A	31	TT-Y4001	SAN JOSE DIRIDON STATION APPROACH	MORGAN HILL AND GILROY	BLENDED AT-GRADE ALTERNATIVE	PROJECT BOUNDARY DETAILS	
BOOK 4A	32	TT-Y4001A	SAN JOSE DIRIDON STATION APPROACH	W TAYLOR ST TO SAN CARLOS ST	BLENDED AT-GRADE ALTERNATIVE	PROJECT BOUNDARY DETAILS	

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 28 OF 68**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 4  
INDEX OF DRAWING  
SHEET 1 OF 6

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0401
SCALE	NONE
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**ALTERNATIVE 4 - CP COAST TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
BOOK 4B	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 4	
BOOK 4B	B	GE-A0402	MORGAN HILL AND GILROY, PACHECO PASS, SAN JOAQUIN VALLEY	PAJARO RIVER TO CARLUCCI ROAD	INDEX OF DRAWING	SHEET 2 OF 6	
BOOK 4B	C	GE-D0401	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 4B	D	GE-D0402	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	SHEET 1 OF 2

**COMPOSITE PLANS**

**MORGAN HILL AND GILROY**

BOOK 4B	33	TT-D0908	MORGAN HILL AND GILROY	PAJARO RIVER	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1930+00 TO B2017+00
BOOK 4B	34	TT-D0908A	MORGAN HILL AND GILROY	PAJARO RIVER	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B1930+00 TO B2017+00 - TUNNEL DESIGN VARIANT
BOOK 4B	35	TT-D0909	MORGAN HILL AND GILROY	FRAZIER LAKE RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2017+00 TO B2103+00
BOOK 4B	36	TT-D0909A	MORGAN HILL AND GILROY	FRAZIER LAKE RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2017+00 TO B2103+00 - TUNNEL DESIGN VARIANT
BOOK 4B	37	TT-D0910	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	UPRR FREIGHT AND TRANSITION TRACK PROFILES	
BOOK 4B	38	TT-D1201	MORGAN HILL AND GILROY	LAKE RD TO LOVERS LANE	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2103+00 TO B2193+00
BOOK 4B	39	TT-D1202	MORGAN HILL AND GILROY	SAN FELIPE RD TO PACHECO PASS RD	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2193+00 TO B2275+00
BOOK 4B	40	TT-D1203	MORGAN HILL AND GILROY	PACHECO PASS HWY	VIADUCT TO DOWNTOWN GILROY	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2275+00 TO B2362+00
BOOK 4B	41	TT-Y1201	MORGAN HILL AND GILROY	N/A	VIADUCT TO DOWNTOWN GILROY	PROJECT BOUNDARY DETAILS	

**PACHECO PASS**

BOOK 4B	42	TT-D1401	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B2362+00 TO B3205+00
BOOK 4B	43	TT-D1402	PACHECO PASS	SERVICE ROAD 1	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3205+00 TO B3295+00
BOOK 4B	44	TT-D1403	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3295+00 TO B3385+00
BOOK 4B	45	TT-D1404	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3385+00 TO B3475+00
BOOK 4B	46	TT-D1405	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3475+00 TO B3565+00
BOOK 4B	47	TT-D1405A	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3475+00 TO B3565+00 - TUNNEL DESIGN VARIANT
BOOK 4B	48	TT-D1406	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3565+00 TO B3655+00
BOOK 4B	49	TT-D1407	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3655+00 TO B3745+00
BOOK 4B	50	TT-D1407A	PACHECO PASS	SR 152	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3655+00 TO B3745+00 - TUNNEL DESIGN VARIANT
BOOK 4B	51	TT-D1408	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3745+00 TO B3835+00
BOOK 4B	52	TT-D1408A	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3745+00 TO B3835+00 - TUNNEL DESIGN VARIANT
BOOK 4B	53	TT-D1409	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3835+00 TO B3923+00
BOOK 4B	54	TT-D1410	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3923+00 TO B4014+00
BOOK 4B	55	TT-D1411	PACHECO PASS	MCCABE RD	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4014+00 TO B4105+00
BOOK 4B	56	TT-D1412	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4105+00 TO B4196+00
BOOK 4B	57	TT-D1413	PACHECO PASS	N/A	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4196+00 TO B4287+00
BOOK 4B	58	TT-D1414	PACHECO PASS	ROMERO RD N TO SR 33	TUNNEL	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4287+00 TO B4372+00

**SAN JOAQUIN VALLEY**

BOOK 4B	59	TT-D1601	SAN JOAQUIN VALLEY	FAHEY RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4372+00 TO B4445+00
BOOK 4B	60	TT-D1602	SAN JOAQUIN VALLEY	CCID MAIN CANAL	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4445+00 TO B4533+00
BOOK 4B	61	TT-D1603	SAN JOAQUIN VALLEY	INGOMAR GRADE RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4533+00 TO B4614+00
BOOK 4B	62	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 4B	63	TT-D1605	SAN JOAQUIN VALLEY	LEVEE ROAD TO MONROE AVE	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4686+00 TO B4758+00
BOOK 4B	64	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 4B	65	TT-D1607	SAN JOAQUIN VALLEY	SR-165 TO SANTA FE GRADE	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4846+00 TO B4932+00
BOOK 4B	66	TT-D1608	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B4932+00 TO B5020+00
BOOK 4B	67	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 4B	68	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 4B	69	TT-D1611	SAN JOAQUIN VALLEY	TURNER ISLAND RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5193+00 TO B5282+00
BOOK 4B	70	TT-D1612	SAN JOAQUIN VALLEY	CARLUCCI RD	HENRY MILLER ROAD	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B5282+00 TO B5366+28.52
BOOK 4B	71	TT-Y1601	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	PROJECT BOUNDARY DETAILS	
BOOK 4B	72	TT-Y1602	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	PROJECT BOUNDARY DETAILS	

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SHEET NO.	



**ALTERNATIVE 4 - CP COAST TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
BOOK 4C	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 4	
BOOK 4C	B	GE-A0403	SAN JOSE DIRIDON STATION APPROACH, MORGAN HILL AND GILROY	STATIONS	INDEX OF DRAWING	SHEET 3 OF 6	
BOOK 4C	C	GE-D0401	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 4C	D	GE-D0402	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	SHEET 1 OF 2

<b>STATIONS</b>							
BOOK 4C	73	AR-C0201	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST TO PARK AVE	BLENDED AT-GRADE ALTERNATIVE	SAN JOSE DIRIDON STATION	GENERAL SITE PLAN
BOOK 4C	74	AR-C0202	SAN JOSE DIRIDON STATION APPROACH	SANTA CLARA ST TO PARK AVE	BLENDED AT-GRADE ALTERNATIVE	SAN JOSE DIRIDON STATION	DETAILED SITE PLAN
BOOK 4C	75	AR-F0201	SAN JOSE DIRIDON STATION APPROACH	N/A	BLENDED AT-GRADE ALTERNATIVE	SAN JOSE DIRIDON STATION	CONCOURSE PLAN
BOOK 4C	76	AR-Y0201	SAN JOSE DIRIDON STATION APPROACH	N/A	BLENDED AT-GRADE ALTERNATIVE	SAN JOSE DIRIDON STATION	SECTION
BOOK 4C	77	AR-Y0202	SAN JOSE DIRIDON STATION APPROACH	N/A	BLENDED AT-GRADE ALTERNATIVE	SAN JOSE DIRIDON STATION	MASSING DIAGRAM 1
BOOK 4C	78	AR-Y0203	SAN JOSE DIRIDON STATION APPROACH	N/A	BLENDED AT-GRADE ALTERNATIVE	SAN JOSE DIRIDON STATION	MASSING DIAGRAM 2
BOOK 4C	79	AR-Y0204	SAN JOSE DIRIDON STATION APPROACH	N/A	BLENDED AT-GRADE ALTERNATIVE	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 4C	80	AR-Y0205	SAN JOSE DIRIDON STATION APPROACH	N/A	BLENDED AT-GRADE ALTERNATIVE	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 4C	81	AR-Y0206	SAN JOSE DIRIDON STATION APPROACH	N/A	BLENDED AT-GRADE ALTERNATIVE	SAN JOSE DIRIDON STATION	FACILITY SIZING TABLE
BOOK 4C	82	AR-C1201	MORGAN HILL AND GILROY	E 6TH ST TO E 10TH ST	BLENDED AT-GRADE ALTERNATIVE	DOWNTOWN GILROY STATION	GENERAL SITE PLAN
BOOK 4C	83	AR-C1202	MORGAN HILL AND GILROY	E 6TH ST TO E 10TH ST	BLENDED AT-GRADE ALTERNATIVE	DOWNTOWN GILROY STATION	DETAILED SITE PLAN
BOOK 4C	84	AR-F1201	MORGAN HILL AND GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	DOWNTOWN GILROY STATION	CONCOURSE PLAN
BOOK 4C	85	AR-Y1201	MORGAN HILL AND GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	DOWNTOWN GILROY STATION	SECTION
BOOK 4C	86	AR-Y1202	MORGAN HILL AND GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	DOWNTOWN GILROY STATION	MASSING DIAGRAM 1
BOOK 4C	87	AR-Y1203	MORGAN HILL AND GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	DOWNTOWN GILROY STATION	MASSING DIAGRAM 2
BOOK 4C	88	AR-Y1204	MORGAN HILL AND GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
BOOK 4C	89	AR-Y1205	MORGAN HILL AND GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE
BOOK 4C	90	AR-Y1206	MORGAN HILL AND GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	DOWNTOWN GILROY STATION	FACILITY SIZING TABLE

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SHEET 30 OF 68**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
ALTERNATIVE 4  
INDEX OF DRAWING  
SHEET 3 OF 6

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0403
SCALE	NONE
SHEET NO.	

**ALTERNATIVE 4 - CP COAST TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
<b>COVER, INDEX OF DRAWING AND KEY MAPS</b>							
BOOK 4D	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 4	
BOOK 4D	B	GE-A0404	ENTIRE ALTERNATIVE	COMPLEX STRUCTURES, GRADE SEPARATIONS, MAINTENANCE OF WAY	INDEX OF DRAWING	SHEET 4 OF 6	
BOOK 4D	C	GE-D0401	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 4D	D	GE-D0402	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	SHEET 1 OF 2
<b>STRUCTURES</b>							
BOOK 4D	91	ST-T4001	CP COAST TO GILROY	I-280 TO HWY 87	BLENDED AT-GRADE ALTERNATIVE	UNDERPASSES	GENERAL PLAN 1 OF 4
BOOK 4D	92	ST-T4002	CP COAST TO GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	UNDERPASSES	GENERAL PLAN 2 OF 4
BOOK 4D	93	ST-T4003	CP COAST TO GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	UNDERPASSES	GENERAL PLAN 3 OF 4
BOOK 4D	94	ST-T4004	CP COAST TO GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	UNDERPASSES	GENERAL PLAN 4 OF 4
BOOK 4D	95	ST-V4001	CP COAST TO GILROY	UPRR	BLENDED AT-GRADE ALTERNATIVE	COMPLEX STRUCTURES	GENERAL PLAN
BOOK 4D	96	ST-V1401	PACHECO PASS	CALIFORNIA AQUEDUCT TO CCID OUTSIDE CANAL	TUNNEL	COMPLEX STRUCTURES	GENERAL PLAN
BOOK 4D	97	ST-V1601	SAN JOAQUIN VALLEY	SAN LUIS WASTEWAY TO LOS BANOS CREEK	HENRY MILLER ROAD	COMPLEX STRUCTURES	GENERAL PLAN
<b>ROADWAY</b>							
<b>MORGAN HILL AND GILROY (CP COAST TO GILROY)</b>							
BOOK 4D	98	CV-S4001	CP COAST TO GILROY	EMADO AVE TO FOX LANE	BLENDED AT-GRADE ALTERNATIVE	CIVIL DETAILS	
<b>PACHECO PASS</b>							
BOOK 4D	99	CV-S1401	PACHECO PASS	ROMERO RD TO CA-152	TUNNEL	CIVIL DETAILS	
<b>SAN JOAQUIN VALLEY</b>							
BOOK 4D	100	CV-S1601	SAN JOAQUIN VALLEY	MONTEREY RD TO INGOMAR GRADE	HENRY MILLER ROAD	CIVIL DETAILS	
BOOK 4D	101	CV-T1603	SAN JOAQUIN VALLEY	VOLTA RD TO HENRY MILLER RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HENRY MILLER ROAD
BOOK 4D	102	CV-T1604	SAN JOAQUIN VALLEY	HENRY MILLER ACCESS	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HENRY MILLER ACCESS
BOOK 4D	103	CV-T1606	SAN JOAQUIN VALLEY	HENRY MILLER RD TO MERCY SPRINGS RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MERCY SPRINGS ROAD
BOOK 4D	104	CV-T1609	SAN JOAQUIN VALLEY	DELTA RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	DELTA ROAD
BOOK 4D	105	CV-T1610	SAN JOAQUIN VALLEY	TURNER ISLAND RD TO HENRY MILLER RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	TURNER ROAD
BOOK 4D	106	CV-T1611	SAN JOAQUIN VALLEY	CARLUCCI RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	CARLUCCI ROAD
BOOK 4D	107	CV-T1612	SAN JOAQUIN VALLEY	HUTCHINS RD	HENRY MILLER ROAD	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	HUTCHINS ROAD
<b>MAINTENANCE OF WAY</b>							
BOOK 4D	108	MY-D4100	CP COAST TO GILROY	CARNADERO AVE TO UPRR	BLENDED AT-GRADE ALTERNATIVE	MOWF DETAIL	SHEET 1 OF 4
BOOK 4D	109	MY-D4101	CP COAST TO GILROY	BLOOMFIELD RD	BLENDED AT-GRADE ALTERNATIVE	MOWF DETAIL	SHEET 2 OF 4
BOOK 4D	110	MY-D4102	CP COAST TO GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	MOWF DETAIL	SHEET 3 OF 4
BOOK 4D	111	MY-D4103	CP COAST TO GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	MOWF DETAIL	SHEET 4 OF 4
BOOK 4D	112	MY-D4104	CP COAST TO GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	UPRR PROFILE FOR MOWF	SHEET 1 OF 2
BOOK 4D	113	MY-D4105	CP COAST TO GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	UPRR PROFILE FOR MOWF	SHEET 2 OF 2
BOOK 4D	114	MY-D4106	CP COAST TO GILROY	N/A	BLENDED AT-GRADE ALTERNATIVE	MAINTENANCE OF WAY FACILITY	UPRR AND MOWF ACCESS GEOMETRIES

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SAN JOSE TO MERCED  
ALTERNATIVE 4  
INDEX OF DRAWING  
SHEET 4 OF 6**

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0404
SCALE	NONE
SHEET NO.	



**ALTERNATIVE 4 - CP COAST TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
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**COVER, INDEX OF DRAWING AND KEY MAPS**

BOOK 4E	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 4	
BOOK 4E	B	GE-A0405	ENTIRE ALTERNATIVE	TUNNELS, CONSTRUCTION STAGING	INDEX OF DRAWING	SHEET 5 OF 6	
BOOK 4E	C	GE-A0406	ENTIRE ALTERNATIVE	ALIGNMENT DATA TABLES	INDEX OF DRAWING	SHEET 6 OF 6	
BOOK 4E	D	GE-D0401	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 4E	E	GE-D0402	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	SHEET 1 OF 2

**TUNNELS - PACHECO PASS**

BOOK 4E	115	TN-D1404	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 1	
BOOK 4E	116	TN-D1405	PACHECO PASS	ACCESS RD 1	TUNNEL	TUNNEL PORTAL 2 ACCESS ROAD	
BOOK 4E	117	TN-D1406	PACHECO PASS	CALIFORNIA AQUEDUCT	TUNNEL	TUNNEL PORTAL 2 ACCESS ROAD	
BOOK 4E	118	TN-D1407	PACHECO PASS	ACCESS RD 2	TUNNEL	TUNNEL PORTAL 2 ACCESS ROAD	
BOOK 4E	119	TN-D1408	PACHECO PASS	N/A	TUNNEL	LONGITUDINAL PROFILE	
BOOK 4E	120	TN-D1409	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 4E	121	TN-D1410	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 4E	122	TN-D1411	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 4E	123	TN-D1412	PACHECO PASS	N/A	TUNNEL	GRADING DETAIL	
BOOK 4E	124	TN-D1413	PACHECO PASS	I-5, FAHEY RD	TUNNEL	GRADING DETAIL	
BOOK 4E	125	TN-D1414	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 1	SECTIONS
BOOK 4E	126	TN-D1415	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 2	APPROACH 1
BOOK 4E	127	TN-D1416	PACHECO PASS	N/A	TUNNEL	TUNNEL 2 - PORTAL 2	APPROACH 2

**CONSTRUCTION STAGING**

BOOK 4E	128	CV-I1601	SAN JOAQUIN VALLEY	N/A	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	GENERAL NOTES
BOOK 4E	129	CV-I1602	SAN JOAQUIN VALLEY	INGOMAR GRADE RD AT HENRY MILLER RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	HENRY MILLER ROAD GRADE SEPARATION
BOOK 4E	130	CV-I1603	SAN JOAQUIN VALLEY	HENRY MILLER RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	HENRY MILLER ROAD GRADE SEPARATION
BOOK 4E	131	CV-I1604	SAN JOAQUIN VALLEY	HENRY MILLER RD AT MERCY SPRINGS RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	SR-165 / MERCY SPRINGS ROAD GRADE SEPARATION
BOOK 4E	132	CV-I1605	SAN JOAQUIN VALLEY	HENRY MILLER RD AT DELTA RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	DELTA ROAD GRADE SEPARATION
BOOK 4E	133	CV-I1606	SAN JOAQUIN VALLEY	HENRY MILLER RD AT TURNER ISLAND RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	TURNER ISLAND ROAD GRADE SEPARATION
BOOK 4E	134	CV-I1607	SAN JOAQUIN VALLEY	HENRY MILLER RD AT CARLUCCI RD	HENRY MILLER ROAD	CONSTRUCTION STAGING PLAN	CARLUCCI ROAD GRADE SEPARATION

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SAN JOSE TO MERCED  
ALTERNATIVE 4  
INDEX OF DRAWING  
SHEET 5 OF 6**

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A0405
SCALE	NONE
SHEET NO.	

**ALTERNATIVE 4 - CP COAST TO DOWNTOWN GILROY**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
BOOK 4E	135	TT-B4001	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C401 TO C404
BOOK 4E	136	TT-B4002	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C405 TO C408
BOOK 4E	137	TT-B4002A	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C405, C406A TO C409A - DIRIDON DESIGN VARIANT
BOOK 4E	138	TT-B4003	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C409 TO C414
BOOK 4E	139	TT-B4003A	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C4 10A TO C413A, C414 - DIRIDON DESIGN VARIANT
BOOK 4E	140	TT-B4004	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C415 TO C418
BOOK 4E	141	TT-B4005	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C419
BOOK 4E	142	TT-B4006	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C420 TO C423
BOOK 4E	143	TT-B4007	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C424 TO C427
BOOK 4E	144	TT-B4008	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C428 TO C431
BOOK 4E	145	TT-B4009	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C432 TO C435
BOOK 4E	146	TT-B4010	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C436 TO C439
BOOK 4E	147	TT-B4011	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C440 TO C443
BOOK 4E	148	TT-B4012	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C444 TO C447
BOOK 4E	149	TT-B4013	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C448 TO C451
BOOK 4E	150	TT-B4014	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C452 TO C453
BOOK 4E	151	TT-B4014A	ALTERNATIVE 4	N/A	BLENDED AT-GRADE	MT3 TRACK ALIGNMENT DATA TABLE	CURVE NO. C452 AND C453A - TUNNEL DESIGN VARIANT
BOOK 4E	152	TT-B0120	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C127 AND C128
BOOK 4E	153	TT-B0120A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C127 AND C128A - TUNNEL DESIGN VARIANT
BOOK 4E	154	TT-B0121	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C129
BOOK 4E	155	TT-B0121A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C129A - TUNNEL DESIGN VARIANT
BOOK 4E	156	TT-B0122	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C130
BOOK 4E	157	TT-B0122A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C130A - TUNNEL DESIGN VARIANT
BOOK 4E	158	TT-B0123	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C131
BOOK 4E	159	TT-B0123A	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C131A - TUNNEL DESIGN VARIANT
BOOK 4E	160	TT-B0124	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C132 AND C133
BOOK 4E	161	TT-B0124A	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C132 AND C133
BOOK 4E	162	TT-B0125	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C134 AND C135
BOOK 4E	163	TT-B0125A	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C134A AND C135 - TUNNEL DESIGN VARIANT
BOOK 4E	164	TT-B0126	PACHECO PASS	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C136
BOOK 4E	165	TT-B0127	SAN JOAQUIN VALLEY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C137
BOOK 4E	166	TT-B0128	SAN JOAQUIN VALLEY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C138 AND C139
BOOK 4E	167	TT-B0129	SAN JOAQUIN VALLEY	N/A	TRACK GUIDEWAY	B2 TRACK ALIGNMENT DATA TABLE	CURVE NO. C140
BOOK 4E	168	TT-B0130	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C230
BOOK 4E	169	TT-B0130A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C230A - TUNNEL DESIGN VARIANT
BOOK 4E	170	TT-B0131	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C231 AND C231A
BOOK 4E	171	TT-B0131A	MORGAN HILL AND GILROY	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C231B AND C231C - TUNNEL DESIGN VARIANT
BOOK 4E	172	TT-B0132	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C232 AND C233
BOOK 4E	173	TT-B0132A	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C232A AND C233A - TUNNEL DESIGN VARIANT
BOOK 4E	174	TT-B0133	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C234 AND C235
BOOK 4E	175	TT-B0133A	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C234A AND C235 - TUNNEL DESIGN VARIANT
BOOK 4E	176	TT-B0134	PACHECO PASS	N/A	TRACK GUIDEWAY	B1 TRACK ALIGNMENT DATA TABLE	CURVE NO. C236

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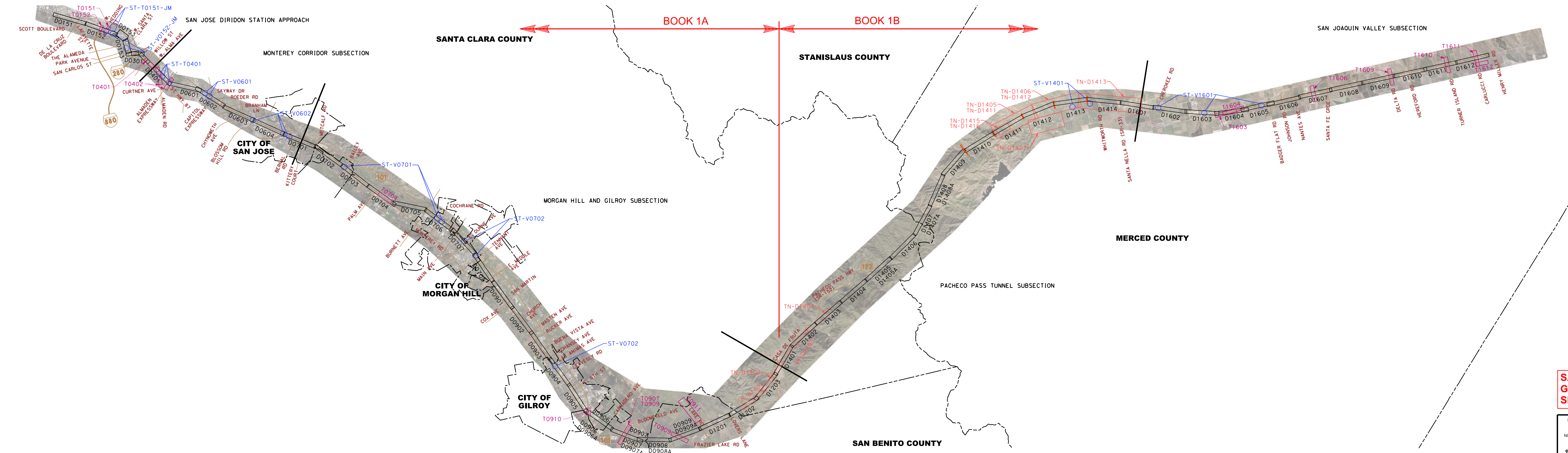
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SHEET NO.	



**ALTERNATIVE 1 BOOK INDEX**

- BOOK 1A: COMPOSITE PLAN, PROFILE AND CROSS SECTIONS
- BOOK 1B: COMPOSITE PLAN, PROFILE AND CROSS SECTIONS, STATIONS, STRUCTURES
- BOOK 1C: ROADWAY, MAINTENANCE OF WAY, TUNNELS - PACHECO PASS
- BOOK 1D: CONSTRUCTION STAGING, ALIGNMENT DATA TABLES

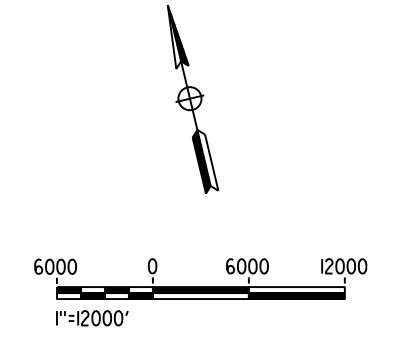


**NOTE:**  
ALTERNATIVE KEY MAP SHOWN SIDE BY SIDE FOR CLARITY.

**LEGEND**  
**KEY MAP LEGEND**

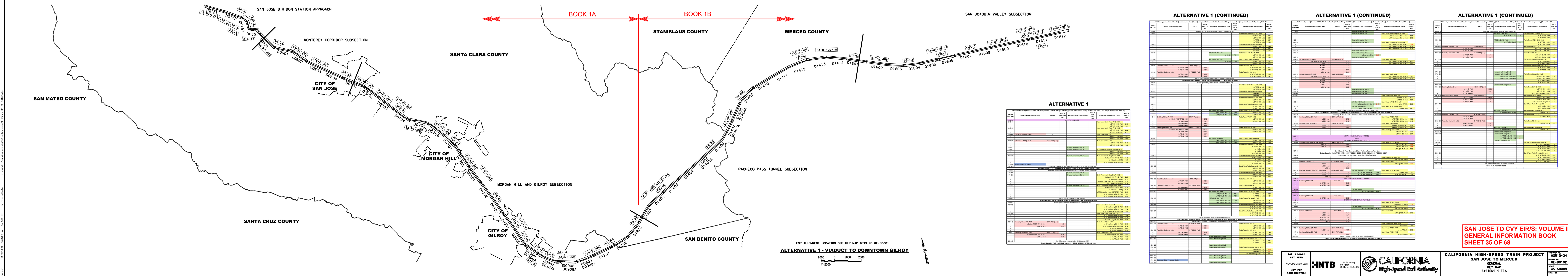
	AERIAL ORTHO-PHOTO
	COMPOSITE ROLL PLOTS
	GRADE SEPARATION ROLL PLOTS
	TUNNEL ROLL PLOTS
	STRUCTURES ROLL PLOTS
	SECTION BREAK
	CITY LIMITS
	COUNTY LINE
	EXISTING ROAD

**SAN JOSE TO CVY EIR/S: VOLUME III**  
**GENERAL INFORMATION BOOK**  
**SHEET 34 OF 68**



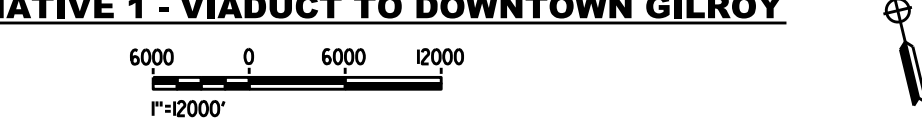
<p>2021 RECORD SET PER NOVEMBER 30, 2021 NOT FOR CONSTRUCTION</p>	<p><b>HNTB</b> 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p><b>CALIFORNIA</b> High-Speed Rail Authority</p>	<p><b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>SAN JOSE TO MERCED</b> ALTERNATIVE 1 KEY MAP COMPOSITE PLAN</p>	<p>CONTRACT NO. HSR15-34 GRAPHIC NO. GE-D0101 SCALE: AS SHOWN SHEET NO.</p>
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BOOK 1A      BOOK 1B

FOR ALIGNMENT LOCATION SEE KEP MAP DRAWING GE-00001  
**ALTERNATIVE 1 - VIADUCT TO DOWNTOWN GILROY**



**ALTERNATIVE 1 (CONTINUED)**

Station ID	Traction Power Facility (TPF)	TPF ID	Dist to Prev. TPF (mi)	Automatic Train Control System (ATC)	Dist to Prev. ATC (mi)	Communication Radio Tower	Dist to Prev. RT (mi)
121200	Station Power Facility	SA-RT-FJ12	0.0	ATC-A	0.0	RT-FJ12	0.0
121205		D0152	0.1	ATC-B	0.1	RT-FJ12	0.1
121210		D0153	0.2	ATC-C	0.2	RT-FJ12	0.2
121215		D0154	0.3	ATC-D	0.3	RT-FJ12	0.3
121220		D0155	0.4	ATC-E	0.4	RT-FJ12	0.4
121225		D0156	0.5	ATC-F	0.5	RT-FJ12	0.5
121230		D0157	0.6	ATC-G	0.6	RT-FJ12	0.6
121235		D0158	0.7	ATC-H	0.7	RT-FJ12	0.7
121240		D0159	0.8	ATC-I	0.8	RT-FJ12	0.8
121245		D0160	0.9	ATC-J	0.9	RT-FJ12	0.9
121250		D0161	1.0	ATC-K	1.0	RT-FJ12	1.0
121255		D0162	1.1	ATC-L	1.1	RT-FJ12	1.1
121300		D0163	1.2	ATC-M	1.2	RT-FJ12	1.2
121305		D0164	1.3	ATC-N	1.3	RT-FJ12	1.3
121310		D0165	1.4	ATC-O	1.4	RT-FJ12	1.4
121315		D0166	1.5	ATC-P	1.5	RT-FJ12	1.5
121320		D0167	1.6	ATC-Q	1.6	RT-FJ12	1.6
121325		D0168	1.7	ATC-R	1.7	RT-FJ12	1.7
121330		D0169	1.8	ATC-S	1.8	RT-FJ12	1.8
121335		D0170	1.9	ATC-T	1.9	RT-FJ12	1.9
121340		D0171	2.0	ATC-U	2.0	RT-FJ12	2.0
121345		D0172	2.1	ATC-V	2.1	RT-FJ12	2.1
121350		D0173	2.2	ATC-W	2.2	RT-FJ12	2.2
121355		D0174	2.3	ATC-X	2.3	RT-FJ12	2.3
121400		D0175	2.4	ATC-Y	2.4	RT-FJ12	2.4
121405		D0176	2.5	ATC-Z	2.5	RT-FJ12	2.5
121410		D0177	2.6	ATC-AA	2.6	RT-FJ12	2.6
121415		D0178	2.7	ATC-AB	2.7	RT-FJ12	2.7
121420		D0179	2.8	ATC-AC	2.8	RT-FJ12	2.8
121425		D0180	2.9	ATC-AD	2.9	RT-FJ12	2.9
121430		D0181	3.0	ATC-AE	3.0	RT-FJ12	3.0
121435		D0182	3.1	ATC-AF	3.1	RT-FJ12	3.1
121440		D0183	3.2	ATC-AG	3.2	RT-FJ12	3.2
121445		D0184	3.3	ATC-AH	3.3	RT-FJ12	3.3
121450		D0185	3.4	ATC-AI	3.4	RT-FJ12	3.4
121455		D0186	3.5	ATC-AJ	3.5	RT-FJ12	3.5
121500		D0187	3.6	ATC-AK	3.6	RT-FJ12	3.6
121505		D0188	3.7	ATC-AL	3.7	RT-FJ12	3.7
121510		D0189	3.8	ATC-AM	3.8	RT-FJ12	3.8
121515		D0190	3.9	ATC-AN	3.9	RT-FJ12	3.9
121520		D0191	4.0	ATC-AO	4.0	RT-FJ12	4.0
121525		D0192	4.1	ATC-AP	4.1	RT-FJ12	4.1
121530		D0193	4.2	ATC-AQ	4.2	RT-FJ12	4.2
121535		D0194	4.3	ATC-AR	4.3	RT-FJ12	4.3
121540		D0195	4.4	ATC-AS	4.4	RT-FJ12	4.4
121545		D0196	4.5	ATC-AT	4.5	RT-FJ12	4.5
121550		D0197	4.6	ATC-AU	4.6	RT-FJ12	4.6
121555		D0198	4.7	ATC-AV	4.7	RT-FJ12	4.7
121600		D0199	4.8	ATC-AW	4.8	RT-FJ12	4.8
121605		D0200	4.9	ATC-AX	4.9	RT-FJ12	4.9
121610		D0201	5.0	ATC-AY	5.0	RT-FJ12	5.0
121615		D0202	5.1	ATC-AZ	5.1	RT-FJ12	5.1
121620		D0203	5.2	ATC-BA	5.2	RT-FJ12	5.2
121625		D0204	5.3	ATC-BB	5.3	RT-FJ12	5.3
121630		D0205	5.4	ATC-BB	5.4	RT-FJ12	5.4
121635		D0206	5.5	ATC-BB	5.5	RT-FJ12	5.5
121640		D0207	5.6	ATC-BB	5.6	RT-FJ12	5.6
121645		D0208	5.7	ATC-BB	5.7	RT-FJ12	5.7
121650		D0209	5.8	ATC-BB	5.8	RT-FJ12	5.8
121655		D0210	5.9	ATC-BB	5.9	RT-FJ12	5.9
121660		D0211	6.0	ATC-BB	6.0	RT-FJ12	6.0
121665		D0212	6.1	ATC-BB	6.1	RT-FJ12	6.1
121670		D0213	6.2	ATC-BB	6.2	RT-FJ12	6.2
121675		D0214	6.3	ATC-BB	6.3	RT-FJ12	6.3
121680		D0215	6.4	ATC-BB	6.4	RT-FJ12	6.4
121685		D0216	6.5	ATC-BB	6.5	RT-FJ12	6.5
121690		D0217	6.6	ATC-BB	6.6	RT-FJ12	6.6
121695		D0218	6.7	ATC-BB	6.7	RT-FJ12	6.7
121700		D0219	6.8	ATC-BB	6.8	RT-FJ12	6.8
121705		D0220	6.9	ATC-BB	6.9	RT-FJ12	6.9
121710		D0221	7.0	ATC-BB	7.0	RT-FJ12	7.0
121715		D0222	7.1	ATC-BB	7.1	RT-FJ12	7.1
121720		D0223	7.2	ATC-BB	7.2	RT-FJ12	7.2
121725		D0224	7.3	ATC-BB	7.3	RT-FJ12	7.3
121730		D0225	7.4	ATC-BB	7.4	RT-FJ12	7.4
121735		D0226	7.5	ATC-BB	7.5	RT-FJ12	7.5
121740		D0227	7.6	ATC-BB	7.6	RT-FJ12	7.6
121745		D0228	7.7	ATC-BB	7.7	RT-FJ12	7.7
121750		D0229	7.8	ATC-BB	7.8	RT-FJ12	7.8
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121760		D0231	8.0	ATC-BB	8.0	RT-FJ12	8.0
121765		D0232	8.1	ATC-BB	8.1	RT-FJ12	8.1
121770		D0233	8.2	ATC-BB	8.2	RT-FJ12	8.2
121775		D0234	8.3	ATC-BB	8.3	RT-FJ12	8.3
121780		D0235	8.4	ATC-BB	8.4	RT-FJ12	8.4
121785		D0236	8.5	ATC-BB	8.5	RT-FJ12	8.5
121790		D0237	8.6	ATC-BB	8.6	RT-FJ12	8.6
121795		D0238	8.7	ATC-BB	8.7	RT-FJ12	8.7
121800		D0239	8.8	ATC-BB	8.8	RT-FJ12	8.8
121805		D0240	8.9	ATC-BB	8.9	RT-FJ12	8.9
121810		D0241	9.0	ATC-BB	9.0	RT-FJ12	9.0
121815		D0242	9.1	ATC-BB	9.1	RT-FJ12	9.1
121820		D0243	9.2	ATC-BB	9.2	RT-FJ12	9.2
121825		D0244	9.3	ATC-BB	9.3	RT-FJ12	9.3
121830		D0245	9.4	ATC-BB	9.4	RT-FJ12	9.4
121835		D0246	9.5	ATC-BB	9.5	RT-FJ12	9.5
121840		D0247	9.6	ATC-BB	9.6	RT-FJ12	9.6
121845		D0248	9.7	ATC-BB	9.7	RT-FJ12	9.7
121850		D0249	9.8	ATC-BB	9.8	RT-FJ12	9.8
121855		D0250	9.9	ATC-BB	9.9	RT-FJ12	9.9
121860		D0251	10.0	ATC-BB	10.0	RT-FJ12	10.0

**ALTERNATIVE 1 (CONTINUED)**

Station ID	Traction Power Facility (TPF)	TPF ID	Dist to Prev. TPF (mi)	Automatic Train Control System (ATC)	Dist to Prev. ATC (mi)	Communication Radio Tower	Dist to Prev. RT (mi)
121865		D0252	10.1	ATC-BB	10.1	RT-FJ12	10.1
121870		D0253	10.2	ATC-BB	10.2	RT-FJ12	10.2
121875		D0254	10.3	ATC-BB	10.3	RT-FJ12	10.3
121880		D0255	10.4	ATC-BB	10.4	RT-FJ12	10.4
121885		D0256	10.5	ATC-BB	10.5	RT-FJ12	10.5
121890		D0257	10.6	ATC-BB	10.6	RT-FJ12	10.6
121895		D0258	10.7	ATC-BB	10.7	RT-FJ12	10.7
121900		D0259	10.8	ATC-BB	10.8	RT-FJ12	10.8
121905		D0260	10.9	ATC-BB	10.9	RT-FJ12	10.9
121910		D0261	11.0	ATC-BB	11.0	RT-FJ12	11.0
121915		D0262	11.1	ATC-BB	11.1	RT-FJ12	11.1
121920		D0263	11.2	ATC-BB	11.2	RT-FJ12	11.2
121925		D0264	11.3	ATC-BB	11.3	RT-FJ12	11.3
121930		D0265	11.4	ATC-BB	11.4	RT-FJ12	11.4
121935		D0266	11.5	ATC-BB	11.5	RT-FJ12	11.5
121940		D0267	11.6	ATC-BB	11.6	RT-FJ12	11.6
121945		D0268	11.7	ATC-BB	11.7	RT-FJ12	11.7
121950		D0269	11.8	ATC-BB	11.8	RT-FJ12	11.8
121955		D0270	11.9	ATC-BB	11.9	RT-FJ12	11.9
121960		D0271	12.0	ATC-BB	12.0	RT-FJ12	12.0
121965		D0272	12.1	ATC-BB	12.1	RT-FJ12	12.1
121970		D0273	12.2	ATC-BB	12.2	RT-FJ12	12.2
121975		D0274	12.3	ATC-BB	12.3	RT-FJ12	12.3
121980		D0275	12.4	ATC-BB	12.4	RT-FJ12	12.4
121985		D0276	12.5	ATC-BB	12.5	RT-FJ12	12.5
121990		D0277	12.6	ATC-BB	12.6	RT-FJ12	12.6
121995		D0278	12.7	ATC-BB	12.7	RT-FJ12	12.7
122000		D0279	12.8	ATC-BB	12.8	RT-FJ12	12.8
122005		D0280	12.9	ATC-BB	12.9	RT-FJ12	12.9
122010		D0281	13.0	ATC-BB	13.0	RT-FJ12	13.0
122015		D0282	13.1	ATC-BB	13.1	RT-FJ12	13.1
122020		D0283	13.2	ATC-BB	13.2	RT-FJ12	13.2
122025		D0284	13.3	ATC-BB	13.3	RT-FJ12	13.3
122030		D0285	13.4	ATC-BB	13.4	RT-FJ12	13.4
122035		D0286	13.5	ATC-BB	13.5	RT-FJ12	13.5
122040		D0287	13.6	ATC-BB	13.6	RT-FJ12	13.6
122045		D0288	13.7	ATC-BB	13.7	RT-FJ12	13.7
122050		D0289	13.8	ATC-BB	13.8	RT-FJ12	13.8
122055		D0290	13.9	ATC-BB	13.9	RT-FJ12	13.9
122060		D0291	14.0	ATC-BB	14.0	RT-FJ12	14.0
122065		D0292	14.1	ATC-BB	14.1	RT-FJ12	14.1
122070		D0293	14.2	ATC-BB	14.2	RT-FJ12	14.2
122075		D0294	14.3	ATC-BB	14.3	RT-FJ12	14.3
122080		D0295	14.4	ATC-BB	14.4	RT-FJ12	14.4
122085		D0296	14.5	ATC-BB	14.5	RT-FJ12	14.5
122090		D0297	14.6	ATC-BB	14.6	RT-FJ12	14.6
122095		D0298	14.7	ATC-BB	14.7	RT-FJ12	14.7
122100		D0299	14.8	ATC-BB	14.8	RT-FJ12	14.8
122105		D0300	14.9	ATC-BB	14.9	RT-FJ12	14.9
122110		D0301	15.0	ATC-BB	15.0	RT-FJ12	15.0

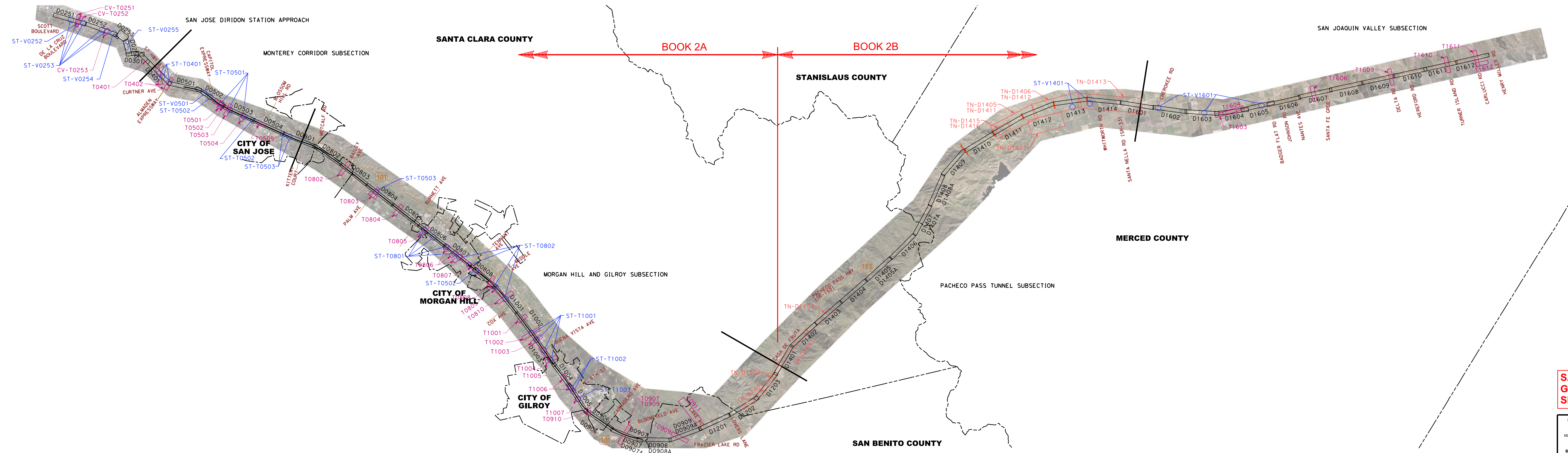
**ALTERNATIVE 1 (CONTINUED)**

Station ID	Traction Power Facility (TPF)	TPF ID	Dist to Prev. TPF (mi)	Automatic Train Control System (ATC)	Dist to Prev. ATC (mi)	Communication Radio Tower	Dist to Prev. RT (mi)
122115		D0302	15.1	ATC-BB	15.1	RT-FJ12	15.1
122120		D0303	15.2	ATC-BB	15.2	RT-FJ12	15.2
122125		D0304	15.3	ATC-BB	15.3	RT-FJ12	15.3
122130		D0305	15.4	ATC-BB	15.4	RT-FJ12	15.4
122135		D0306	15.5	ATC-BB	15.5	RT-FJ12	



**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

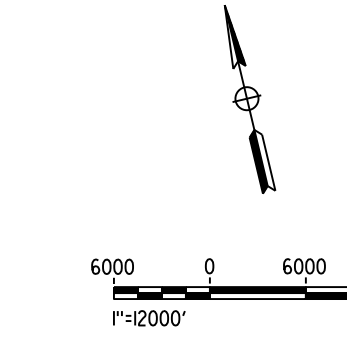


**NOTE:**  
ALTERNATIVE KEY MAP SHOWN SIDE BY SIDE FOR CLARITY.

**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

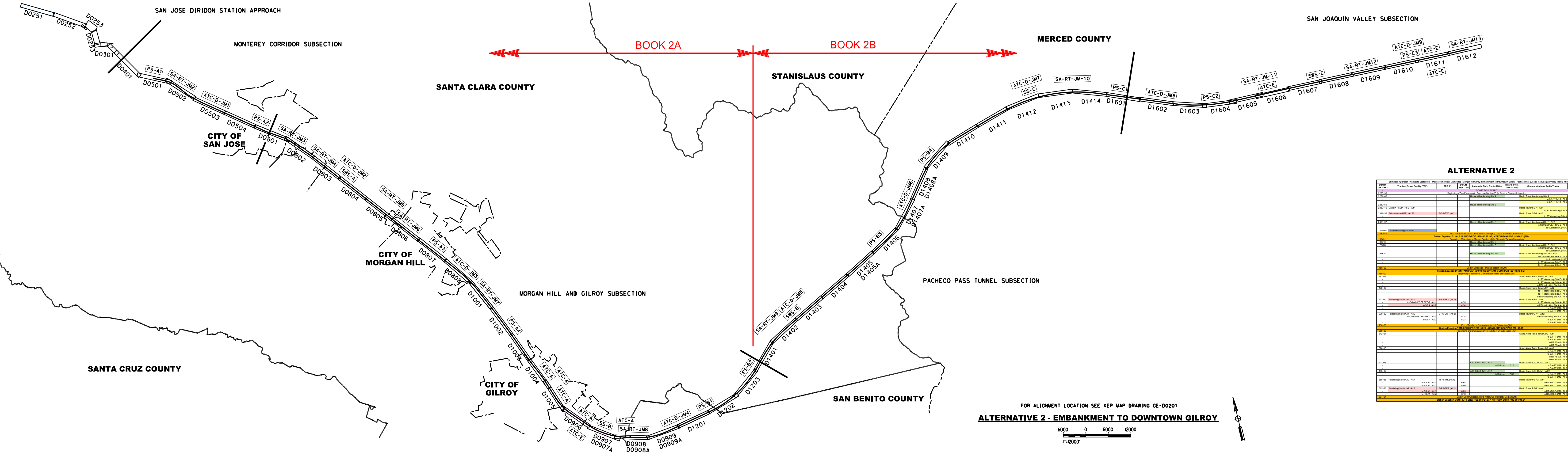
**SAN JOSE TO CVY EIR/S: VOLUME III**  
**GENERAL INFORMATION BOOK**  
**SHEET 36 OF 68**



2021 RECORD SET PERP NOVEMBER 30, 2021 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>SAN JOSE TO MERCED</b> ALTERNATIVE 2 KEY MAP COMPOSITE PLAN	CONTRACT NO. HSR15-34 GRAPHIC NO. GE-D0201 SCALE AS SHOWN SHEET NO.
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SAN MATEO COUNTY



BOOK 2A

BOOK 2B

MERCED COUNTY

SAN JOAQUIN VALLEY SUBSECTION

ALTERNATIVE 2

Table with columns for stationing, structure type, and details for Alternative 2.

ALTERNATIVE 2 (CONTINUED)

Continuation table for Alternative 2, showing detailed stationing and structure data.

ALTERNATIVE 2 (CONTINUED)

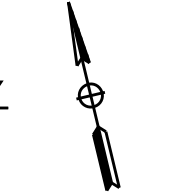
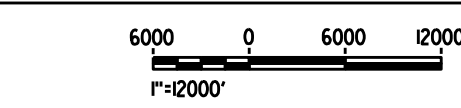
Continuation table for Alternative 2, showing detailed stationing and structure data.

ALTERNATIVE 2 (CONTINUED)

Continuation table for Alternative 2, showing detailed stationing and structure data.

FOR ALIGNMENT LOCATION SEE KEP MAP DRAWING GE-D0201

ALTERNATIVE 2 - EMBANKMENT TO DOWNTOWN GILROY



SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 37 OF 68

2021 RECORD SET PERD  
NOVEMBER 30, 2021  
NOT FOR CONSTRUCTION



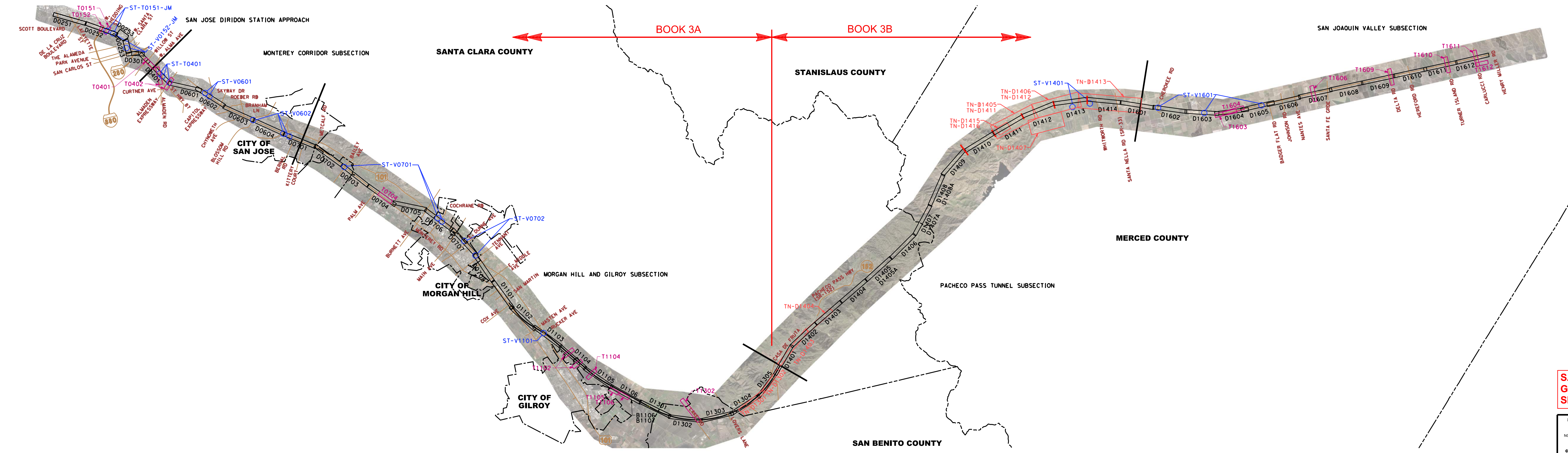
CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED  
GENERAL KEY MAP  
SYSTEMS SITES

CONTRACT NO.  
HSR15-34  
GRAPHIC NO.  
GE-D0202  
SCALE  
AS SHOWN  
SHEET NO.

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- ALTERNATIVE 3 BOOK INDEX**
- BOOK 3A: COMPOSITE PLAN, PROFILE AND CROSS SECTIONS
  - BOOK 3B: COMPOSITE PLAN, PROFILE AND CROSS SECTIONS, STATIONS
  - BOOK 3C: STRUCTURES, ROADWAY
  - BOOK 3D: ROADWAY, MAINTENANCE OF WAY, TUNNELS - PACHECO PASS
  - BOOK 3E: CONSTRUCTION STAGING
  - BOOK 3F: ALIGNMENT DATA TABLES



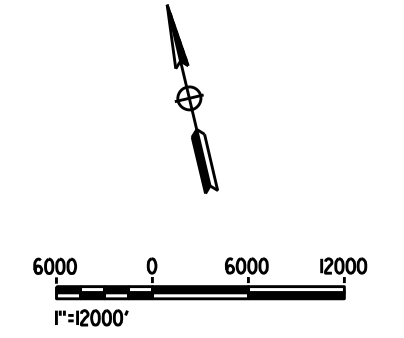
**NOTE:**  
ALTERNATIVE KEY MAP SHOWN SIDE BY SIDE FOR CLARITY.

**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**  
**GENERAL INFORMATION BOOK**  
**SHEET 38 OF 68**



2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>SAN JOSE TO MERCED</b> ALTERNATIVE 3 COMPOSITE PLAN	CONTRACT NO. HSR15-34 DRAWING NO. CE-D0301 SCALE AS SHOWN SHEET NO.
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SAN MATEO COUNTY

SAN JOSE DIRIDON STATION APPROACH

MONTEREY CORRIDOR SUBSECTION

CITY OF SAN JOSE

SANTA CLARA COUNTY

MORGAN HILL AND GILROY SUBSECTION

CITY OF MORGAN HILL

CITY OF GILROY

SANTA CRUZ COUNTY

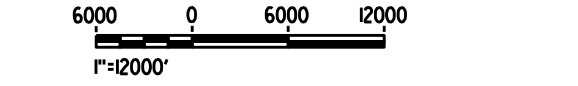
STANISLAUS COUNTY

SAN BENITO COUNTY

SAN JOAQUIN VALLEY SUBSECTION

MERCED COUNTY

FOR ALIGNMENT LOCATION SEE KEP MAP DRAWING GE-D0301  
**ALTERNATIVE 3 - VIADUCT TO EAST GILROY**



BOOK 3A

BOOK 3B

**ALTERNATIVE 3**

Station	Traction Power Facility (TPF)	TPF ID	TPF Type	Automatic Train Control (ATC)	Dist. to Prev. ATC (mi)	Communications Radio Tower	Dist. to Prev. RT (mi)
D0751	SA-RT-FJ12			ATC-B			
D0152	D0152			ATC-A			
D0301	D0301			ATC-E			
D0601	D0601			ATC-AA			
D0602	D0602			PS-A1			
D0603	D0603			ATC-D-JM1			
D0604	D0604			PS-A2			
D0701	D0701			SA-RT-JM1			
D0702	D0702			ATC-D-JM2			
D0703	D0703			SWS-A			
D0704	D0704			SA-RT-JM2			
D0705	D0705			PS-B3			
D0706	D0706			SA-RT-JM3			
D0707	D0707			ATC-D-JM3			
D0708	D0708			PS-B4			
D1101	D1101			ATC-D-JM4			
D1102	D1102			PS-B5			
D1103	D1103			ATC-A			
D1104	D1104			ATC-E			
D1105	D1105			PS-B6			
D1106	D1106			ATC-D-JM5			
D1301	D1301			PS-B1			
D1302	D1302			ATC-D-JM4			
D1303	D1303			PS-B2			
D1401	D1401			PS-B3			
D1402	D1402			PS-B4			
D1403	D1403			ATC-D-JM6			
D1404	D1404			SWS-B			
D1405	D1405			ATC-D-JM6			
D1406	D1406			ATC-D-JM6			
D1407	D1407			ATC-D-JM6			
D1408	D1408			ATC-D-JM6			
D1409	D1409			ATC-D-JM6			
D1410	D1410			PS-C1			
D1411	D1411			ATC-D-JM7			
D1412	D1412			SS-C			
D1601	D1601			ATC-D-JM8			
D1602	D1602			PS-C2			
D1603	D1603			ATC-E			
D1604	D1604			SA-RT-JM-11			
D1605	D1605			ATC-E			
D1606	D1606			SWS-C			
D1607	D1607			SA-RT-JM-12			
D1608	D1608			ATC-E			
D1609	D1609			ATC-E			
D1610	D1610			ATC-E			
D1611	D1611			ATC-E			
D1612	D1612			ATC-E			

**ALTERNATIVE 3 (CONTINUED)**

Station	Traction Power Facility (TPF)	TPF ID	TPF Type	Automatic Train Control (ATC)	Dist. to Prev. ATC (mi)	Communications Radio Tower	Dist. to Prev. RT (mi)
D1613	D1613			ATC-E			
D1614	D1614			ATC-E			
D1615	D1615			ATC-E			
D1616	D1616			ATC-E			
D1617	D1617			ATC-E			
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D1696	D1696			ATC-E			
D1697	D1697			ATC-E			
D1698	D1698			ATC-E			
D1699	D1699			ATC-E			
D1700	D1700			ATC-E			

**ALTERNATIVE 3 (CONTINUED)**

Station	Traction Power Facility (TPF)	TPF ID	TPF Type	Automatic Train Control (ATC)	Dist. to Prev. ATC (mi)	Communications Radio Tower	Dist. to Prev. RT (mi)
D1701	D1701			ATC-E			
D1702	D1702			ATC-E			
D1703	D1703			ATC-E			
D1704	D1704			ATC-E			
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D1730	D1730			ATC-E			
D1731	D1731			ATC-E			
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D1741	D1741			ATC-E			
D1742	D1742			ATC-E			
D1743	D1743			ATC-E			
D1744	D1744			ATC-E			
D1745	D1745			ATC-E			
D1746	D1746			ATC-E			
D1747	D1747			ATC-E			
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D1750	D1750			ATC-E			

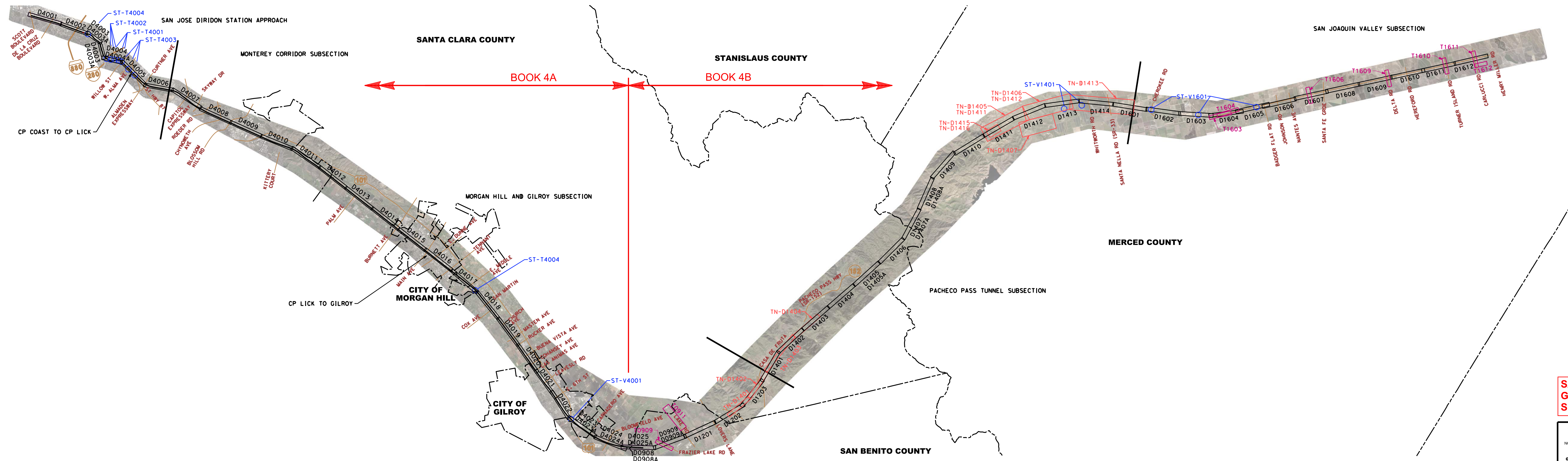
**ALTERNATIVE 3 (CONTINUED)**

Station	Traction Power Facility (TPF)	TPF ID	TPF Type	Automatic Train Control (ATC)	Dist. to Prev. ATC (mi)	Communications Radio Tower	Dist. to Prev. RT (mi)
D1751	D1751			ATC-E			
D1752	D1752			ATC-E			
D1753	D1753			ATC-E			
D1754	D1754			ATC-E			
D1755	D1755			ATC-E			
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D1767	D1767			ATC-E			
D1768	D1768			ATC-E			
D1769	D1769			ATC-E			
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D1771	D1771			ATC-E			
D1772	D1772			ATC-E			
D1773	D1773			ATC-E			
D1774	D1774			ATC-E			
D1775	D1775			ATC-E			
D1776	D1						



**ALTERNATIVE 4 BOOK INDEX**

- BOOK 4A: COMPOSITE PLAN, PROFILE AND CROSS SECTIONS
- BOOK 4B: COMPOSITE PLAN, PROFILE AND CROSS SECTIONS
- BOOK 4C: STATIONS
- BOOK 4D: STRUCTURES, ROADWAY, MAINTENANCE OF WAY
- BOOK 4E: TUNNELS - PACHECO PASS, CONSTRUCTION STAGING, ALIGNMENT DATA TABLES



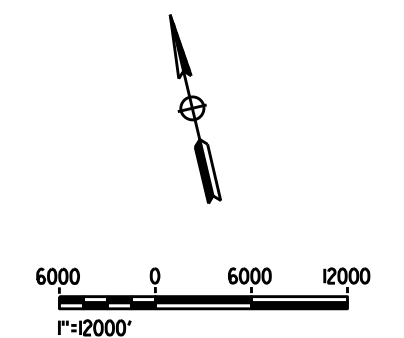
**NOTE:**  
ALTERNATIVE KEY MAP SHOWN SIDE BY SIDE FOR CLARITY.

**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**  
**GENERAL INFORMATION BOOK**  
**SHEET 40 OF 68**



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2021 RECORD SET PERP NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CONTRACT NO. HSR15-34 DRAWING NO. CE-D0401 SCALE AS SHOWN SHEET NO.	
			CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED ALTERNATIVE 4 KEY MAP COMPOSITE PLAN	





## GENERAL NOTES

- ALL WORK, INCLUDING DESIGN WORK, SHALL CONFORM TO THE REQUIREMENTS OF THE HIGH-SPEED RAIL AUTHORITY (FOR HIGH-SPEED TRAIN FACILITIES), CALTRAIN DESIGN CRITERIA (FOR CALTRAIN AND BLENDED FACILITIES), UPRR DESIGN CRITERIA (FOR UPRR FACILITIES), AND VTA LRT DESIGN CRITERIA (FOR VTA LRT FACILITIES).
- AERIAL BASE MAPPING DATED NOVEMBER 2016 WAS PROVIDED BY TOWILL, INC..
- TOPOGRAPHIC BASE MAPPING DATED 2015 WAS PROVIDED BY PCJPB.
- THE HORIZONTAL DATUM IS NAD83 AND THE VERTICAL DATUM IS NAVD88.

## TRACK GENERAL NOTES

- HST TRACK DESIGN IS PER HST TECHNICAL MEMORANDUM 2.1.2 ALIGNMENT DESIGN STANDARDS FOR HIGH-SPEED TRAIN OPERATION, 2.1.3 TURNOUTS AND STATION TRACKS, AND 2.1.8 TURNOUTS AND YARD TRACKS. TRACK DESIGN FOR BLENDED OPERATIONS IS PER CALTRAIN DESIGN CRITERIA CHAPTER 2 (MODIFIED).
- STATIONING INCREASES FROM NORTH TO SOUTH. CONTROL STATIONING IS ON B2/MT3 TRACK.
- THE PROFILE CORRESPONDS TO THE ELEVATION AT THE TOP OF LOW RAIL ON THE B2/MT3 TRACK. THE LENGTHS OF LINES ARE BASED ON THE CENTER OF TRACK ALIGNMENT. UNLESS SEPARATE TRACK PROFILES ARE GIVEN, TRACKS PARALLEL TO THE DESIGNATED TRACK AT THE SAME TOP OF RAIL ELEVATIONS PROJECTED ON EITHER PERPENDICULAR OR RADIAL LINES FROM THE DESIGNATED TRACK CENTERLINES.
- TRACK HORIZONTAL CURVE INFORMATION PROVIDED IN TRACK GEOMETRY DATA DRAWINGS.
- TRACK ALIGNMENT CURVATURE IS CHORD DEFINED.
- FOR TRACK SPACING AND DIMENSIONS RELATIVE TO OTHER DESIGN ELEMENTS SEE COMPOSITE ROLL PLOT TYPICAL SECTIONS.
- FOR STRUCTURAL DETAILS REFER TO TUNNEL AND STRUCTURE TYPICAL SECTIONS DRAWINGS.
- FOR STRUCTURAL IMPROVEMENTS AND VERTICAL CLEARANCE FROM TOP OF RAIL TO STRUCTURE ELEMENTS, SEE STRUCTURE DRAWINGS.
- FOR HST STATIONS, SEE STATIONS DRAWINGS.
- FOR ROADWAY CROSSINGS IMPACTS AND IMPROVEMENTS, SEE ROADWAY PLAN, PROFILE AND TYPICAL SECTION DRAWINGS.
- DETAILED TRACK PLAN AND PROFILE SHEETS FOR RELOCATION OF FREIGHT CONNECTIONS, STORAGE TRACKS, TRACK SIDING AND MINOR UPRR TRACK MODIFICATIONS ARE NOT INCLUDED.
- DIMENSIONS OF INTRUSION BARRIER SHOWN CONCEPTUALLY ON TYPICALS AND TO BE CONFIRMED BY FINAL DESIGNER.

## CIVIL GENERAL NOTES

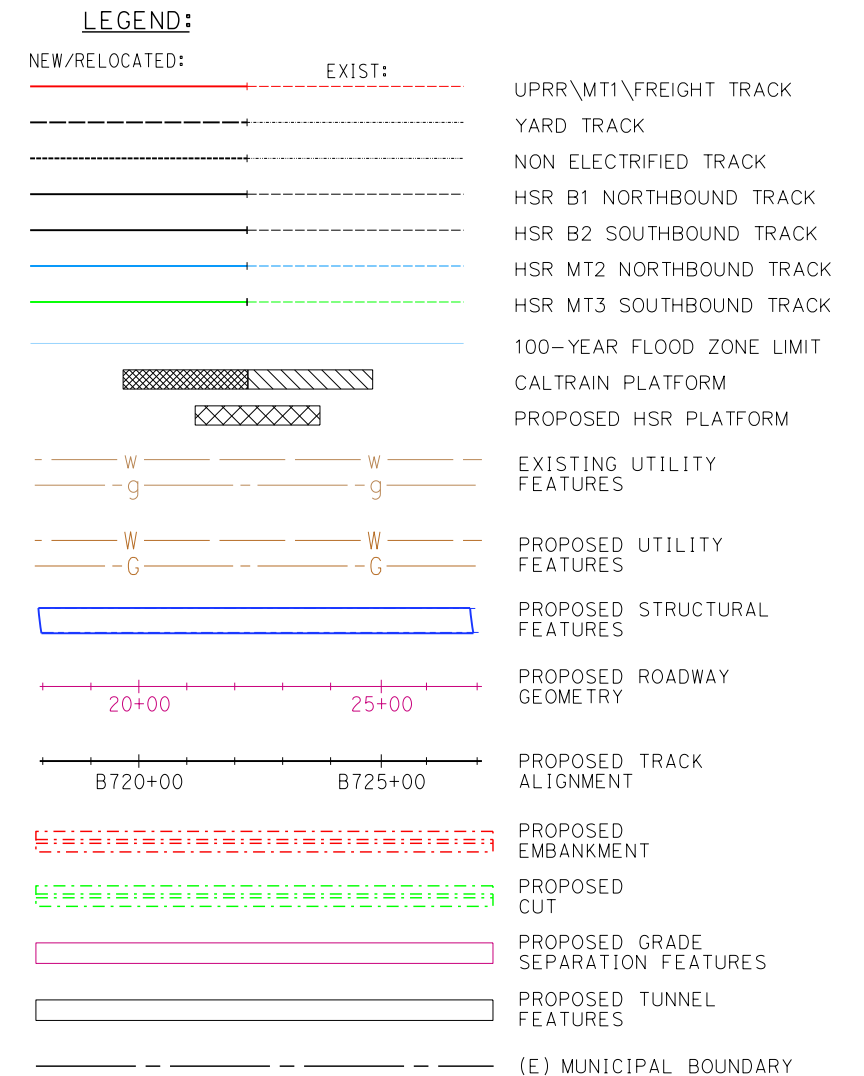
- ALL ROADWAY GEOMETRY DESIGN IS PER THE FOLLOWING STANDARDS:
  - FOR HIGH SPEED TRAIN FACILITIES, FOLLOW CALIFORNIA HIGH SPEED RAIL TECHNICAL MEMORANDUM.
  - FOR STATE HIGHWAY FACILITIES, FOLLOW CALTRANS STANDARD DRAWINGS AND SPECIFICATIONS.
  - FOR CITY AND COUNTY STREETS, FOLLOW CITY AND COUNTY STANDARDS, AASHTO "GEOMETRIC DESIGN OF HIGHWAYS AND STREETS" (LATEST EDITION), AND FHWA "MUTCD" (LATEST EDITION) OR AS DIRECTED BY LOCAL JURISDICTION IN CHARGE.
- ALL KNOWN MAJOR UTILITIES ARE SHOWN ON THE PLANS. MAJOR UTILITIES ARE SUBSURFACE, ABOVE GROUND, OR OVERHEAD FACILITY USED FOR TRANSMISSION, REGARDLESS OF SHAPE SIZE, SHAPE, OR METHOD OF CONVEYANCE. PLEASE REFERENCE THE SECTION UTILITY REPORT FOR A DISCUSSION OF HIGH VS. LOW RISK AND MINOR UTILITIES.
- UTILITIES WITHOUT DISPOSITIONS ARE ASSUMED TO BE AT AN EXISTING DEPTH OR HEIGHT THAT WILL NOT BE IMPACTED BY WORK.
- RETAINING WALL TYPES ARE NOT SHOWN DUE TO CURRENT LACK OF GEOTECHNICAL BORINGS. IT CAN BE ASSUMED FOR COST PURPOSES THAT ALL FILL RETAINING WALLS ARE MSE AND THAT ALL CUT RETAINING WALLS ARE SOIL NAIL. PRELIMINARY RETAINING WALL TYPES WILL BE FINALIZED BASED ON 30% GEOTECHNICAL EXPLORATION.
- MAJOR WATERCOURSES, IRRIGATION CANALS, AND BODIES OF WATER ARE SHOWN ON THE PLANS. FOR FURTHER INFORMATION REGARDING DRAINAGE DESIGN, PLEASE REFER TO THE FOLLOWING:
  - HYDROLOGY AND HYDRAULICS REPORT
  - FLOODPLAIN IMPACTS ASSESSMENT REPORT
  - STORM WATER MANAGEMENT REPORT
- WHERE PROPOSED ROADWAY ROW AND ROADWAY TCE LINES CROSS PERPENDICULAR TO EXISTING ROADWAY ROW LINES, IT IS ASSUMED THESE LINES SHOW A DEMARCATION OF CONSTRUCTION LIMITS. THEY ARE NOT TO BE CONSTRUED AS A JURISDICTIONAL TRANSFER.
- EMERGENCY VEHICLE ACCESS (22' WIDTH) SHALL BE PROVIDED WHERE SPACE IS AVAILABLE. FOR MONTEREY VIADUCT, EMERGENCY VEHICLE TO UTILIZE MONTEREY ROAD FOR EMERGENCY ACCESS.
- PER TM 2.8.1, SECTION 3.3.6, FOR GROUND LEVEL LESS THAN 10' BELOW THE UNDERSIDE OF THE STRUCTURE, AERIAL STRUCTURE SECTION SHALL BE PROTECTED WITH AR FENCING LOCATED TWO FEET FROM THE DRIP-LINE OF THE STRUCTURE.
- THE FLOODPLAIN ZONE LIMIT LINES SHOWN ARE FROM EXISTING FEMA MAPS. CERTAIN AREAS OF EACH ALTERNATIVE HAVE ON-GOING FLOODPLAIN MODELING EFFORTS THAT WILL CHANGE THE LOCATION OF THE FLOODPLAIN LIMIT LINES.
- ACCESS RESTRICTION (AR) FENCING TO BE PROVIDED IN ACCORDANCE WITH HSR DIRECTIVE DRAWING DD-CV-006 (FROM HSR 13-06 BOOK 3, PART 3, SUBPART 1), AND THE FOLLOWING:
  - AR FENCING TO BE PLACED ALONG THE PERIMETER OF HSR RE-CONTOURED SLOPES PROXIMATE TO THE GUIDEWAY AND ALONG THE TOP OF WILDLIFE UNDERCROSSING INGWALLS AND HEADWALLS BETWEEN CASA DE FRUTA FIELDS AND THE VIADUCT APPROACH TO THE WEST PORTAL OF TUNNEL 2.
  - PERMANENT FIELD FENCING (3-FOOT-TALL, 3 STRANDS WIRE OR AD-TYPE, WITH NO-TRESPASS SIGNAGE) TO BE PLACED AT THE OUTER ROW PERIMETER OF HSR-MANAGED SLOPES TO ALLOW WILDLIFE PASSAGE AND ACCESS TO WILDLIFE UNDERCROSSINGS.

## GRADING DESIGN ASSUMPTIONS

- CUT AND FILL LINES (CONFORMING TO EXISTING GROUND):
  - 2:1 SLOPES FOR AT-GRADE TRACKS
  - 4' FROM OPEN TRENCH OUTER WALLS
  - 4:1 SLOPES FOR ROADWAY EMBANKMENTS
- RETAINING WALLS ARE PROPOSED WHEN 2:1 SLOPES WOULD CONFORM OUTSIDE OF THE EXISTING OR PROPOSED RIGHT OF WAY.

## WILDLIFE CROSSING NOTES

- VIADUCTS IDENTIFIED AS REQUIRED FOR WILDLIFE MOVEMENT CANNOT BE CONVERTED TO ANOTHER STRUCTURE TYPE WITHOUT ADDITIONAL ENVIRONMENTAL ANALYSIS AND DOCUMENTATION.



**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
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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**  
GENERAL  
GENERAL NOTES

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-B0001
SCALE	NONE
SHEET NO.	



# STRUCTURAL GENERAL NOTES

## SPECIFICATIONS FOR DESIGN AND CONSTRUCTION

1. ALL STRUCTURAL GENERAL NOTES SHALL BE READ IN CONJUNCTION WITH THE GENERAL STRUCTURAL DIRECTIVE NOTES.
2. STRUCTURAL ELEMENTS SHALL FOLLOW THE AESTHETIC REQUIREMENTS OF TM 200.06.
3. ALL DESIGN VARIANCES MUST BE APPROVED BY HSR.

## DESIGN METHOD

1. AERIAL GUIDEWAY SUPERSTRUCTURE DEPTH IS BASED ON TM 200.11 AND TM 200.12 FOR DEDICATED TRACKS. FOR BLENDED TRACKS, THE SUPERSTRUCTURE DEPTH IS BASED ON CALTRAIN STANDARDS FOR DESIGN AND MAINTENANCE OF STRUCTURES (2003).
2. BRIDGE SOFFITS OVER WATERWAYS ARE SHOWN TO BE 2 FT MINIMUM ABOVE HIGH WATER LEVEL.
3. AERIAL GUIDEWAY SUPERSTRUCTURE WIDTH AND CONFIGURATION IS BASED ON DIRECTIVE DRAWINGS DD-ST-100 AND DD-ST-101 FROM CP4.

## GENERAL

1. THE STRUCTURES SHOWN ON THESE DRAWINGS ARE REPRESENTED IN THEIR FINAL CONFIGURATION. ALL DIMENSIONS ARE BASED ON MINIMUM SPACIAL AND CLEARANCE REQUIREMENTS, AND DO NOT INCLUDE CONSTRUCTION TOLERANCES. CONTRACTOR SHALL ACCOUNT FOR APPROPRIATE CONSTRUCTION TOLERANCES.
2. COMPLEX STRUCTURES AS DEFINED IN TM 2.10.4 ARE IDENTIFIED ON THE COMPOSITE PLAN, PROFILE, AND SECTION DRAWINGS.
3. BRIDGE SUPERSTRUCTURE CONSTRUCTION METHOD CAN BE CAST-IN-PLACE OR PRECAST WITH A CONSTANT CROSS-SECTION FROM BEGIN BRIDGE TO END BRIDGE, UNLESS NOTED OTHERWISE. AT LOCATIONS WHERE THE SUPERSTRUCTURE CROSS-SECTION VARIES IT IS ASSUMED THAT BALANCED CANTILEVER OR CAST-IN-PLACE SHORED CONSTRUCTION WILL BE USED. BALANCED CANTILEVER IS ASSUMED TO BE CAST-IN-PLACE SEGMENTAL CONSTRUCTION.
4. VERTICAL CLEARANCES ARE BASED ON TRACK INFORMATION AND EXISTING GROUND SURVEY PROVIDED BY TOWILL INC.
5. VERTICAL CLEARANCES ALLOW FOR 4'-0" FOR BALANCED CANTILEVER TEMPORARY FALSEWORK DEPTH AND 2'-9" TEMPORARY FALSEWORK DEPTH AT ALL OTHER LOCATIONS, EXCEPT WHERE STEEL OR PC/PS BRIDGES ARE USED.
6. FALSEWORK OPENINGS ARE PROVIDED TO ALLOW TEMPORARY CLEARANCE OF 15'-0" FOR 16'-6" PERMANENT CLEARANCE.
7. FALSEWORK OPENINGS ARE PROVIDED TO ALLOW TEMPORARY CLEARANCE OF 14'-0" FOR 15'-0" PERMANENT CLEARANCE.
8. ROADWAY AND PEDESTRIAN OVERPASS STRUCTURES SHOULD BE ELECTRICALLY GROUNDED AND BONDED IN ORDER FOR THE OCS WIRES TO PASS BENEATH AND BE ATTACHED TO THE STRUCTURE, IF NECESSARY. THIS APPLIES TO NEW AND EXISTING STRUCTURES.
9. EXISTING ROADWAY AND PEDESTRIAN OVERPASS STRUCTURES WITHOUT AN EXISTING FENCE SHALL HAVE A FENCE INSTALLED ON BOTH SIDES. THE LENGTH OF FENCING SHALL EXTEND 50FT PAST THE OUTSIDE TRACKS.

## MATERIAL PROPERTIES

SEE GENERAL STRUCTURAL DIRECTIVE NOTES.

## CONCRETE COVER

SEE GENERAL STRUCTURAL DIRECTIVE NOTES.

## SEISMIC LOADING AND DESIGN

1. AERIAL GUIDEWAY COLUMNS, PILE CAPS, AND PILES HAVE BEEN SIZED BASED ON ASCE 7-10 ARS INFORMATION FROM THE USGS WEBSITE AND DESIGN CRITERIA FROM CP4 FOR DEDICATED TRACKS. FOR BLENDED TRACKS, THE SUBSTRUCTURE SIZING IS BASED ON CALTRAIN STANDARDS FOR DESIGN AND MAINTENANCE OF STRUCTURES (2003).
2. SITE SPECIFIC ARS CURVE INFORMATION ARE NOT PROVIDED AT THIS PHASE.
3. HIGHWAY BRIDGES CROSSING OVER THE HIGH SPEED TRAIN ARE NOT REQUIRED TO BE DESIGNED FOR OBE STRENGTH V LOAD COMBINATION.

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GENERAL INFORMATION BOOK  
SHEET 43 OF 68**

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
DRAWN BY
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**2021 RECORD SET PEPP**  
NOVEMBER 30, 2021  
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**HNTB** 1111 Broadway  
9th Floor  
Oakland, CA 94607



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
GENERAL  
STRUCTURAL GENERAL NOTES

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-B0002
SCALE	NONE
SHEET NO.	



A

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

B

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

C

CAA CABLE ANCHOR ASSEMBLY

C CONTINUED

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

D

D DEPTH
DD DOWNDRAIN
DBL DOUBLE

D CONTINUED

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

E

E EAST
EA ACTUAL SUPERELEVATION
EASE EASEMENT
EB END OF BRIDGE,
EASTBOUND
EC END HORIZONTAL CURVE
ECR END CURB RETURN
ED EDGE DRAIN
EDC EDGE DRAIN CLEANOUT
EDO EDGE DRAIN OUTLET
EDV EDGE DRAIN VENT
ELEC ELECTROLIER
ELECT ELECTRIC
ELEV ELEVATION
EMB EMBANKMENT
ENGR ENGINEER
EOD EDGE OF DECK
EP EDGE OF PAVEMENT
EQ EQUATION
ES EDGE OF SHOULDER
ETW EDGE OF TRAVELED WAY
EU UNBALANCED SUPERELEVATION
EVC END VERTICAL CURVE
EW ENDWALL
EXC EXCAVATION
EXIST, (E), EXISTING
Exist, EX
EXP EXPANSION,
EXPRESSWAY
EXP JT EXPANSION JOINT
EXT EXTERIOR

F

F & C FRAME AND COVER
F & G FRAME AND GRATE
FB FLOOR BEAM
FDN FOUNDATION

F CONTINUED

FEBT FACING EASTBOUND TRAFFIC
FES FLARED END SECTION
FF FILTER FABRIC
FG FINISHED GRADE
FH FIRE HYDRANT
FIG FIGURE
FL FLOW LINE
FNBT FACING NORTHBOUND TRAFFIC
FOB FREE ON BOARD
FOC FACE OF CONCRETE
FR RD FRONTAGE ROAD
FS FAR SIDE, FINISHED SURFACE
FSBT FACING SOUTHBOUND TRAFFIC
FTG FOOTING
FWBT FACING WESTBOUND TRAFFIC
FWY FREEWAY

G

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

H

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

I

IB IMPORTED BORROW
ID INSIDE DIAMETER
IF INSIDE FACE
INT INTERIOR
INV INVERT
IRR IRRIGATION

J

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

L

L LENGTH
LAT LATITUDE
LCB LEAN CONCRETE BASE
LN LANE
LOC LOCATION
LOL LAYOUT LINE
LONG LONGITUDE
LONGIT LONGITUDINAL
LS LUMP SUM, LENGTH OF SPIRAL
LT LEFT
LVC LENGTH OF VERTICAL CURVE

M

MAINT MAINTENANCE
MAX MAXIMUM
MB METAL BEAM
MBB METAL BEAM BARRIER
MBGR METAL BEAM GUARD RAILING
MED MEDIAN
MH MANHOLE
MIN MINIMUM
MISC MISCELLANEOUS
MISC I & S MISCELLANEOUS IRON AND STEEL
MKR MARKER
MOD MODIFIED,
MODIFY
MON MONUMENT
MOW MAINTENANCE OF WAY FACILITY
MP METAL PLATE
MPGR METAL PLATE GUARD RAILING
MR MOVEMENT RATING
MSE MECHANICALLY STABILIZED
EMBANKMENT
MTL MATERIAL

N

N NORTH
NB NORTHBOUND
NC NORMAL CROWN
NO. NUMBER (MUST HAVE PERIOD)
NOS. NUMBERS (MUST HAVE PERIOD)
NPS NOMINAL PIPE SIZE
NS NEAR SIDE
NTS NOT TO SCALE

SAN JOSE TO CVY EIR/S: VOLUME III
GENERAL INFORMATION BOOK
SHEET 44 OF 68

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Table with columns: DESIGNED BY, DRAWN BY, CHECKED BY, IN CHARGE, DATE

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HNTB 1111 Broadway 9th Floor Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
GENERAL ABBREVIATIONS SHEET 1 OF 2

Table with columns: CONTRACT NO., DRAWING NO., SCALE, SHEET NO.

O

P CONTINUED

S CONTINUED

T CONTINUED

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

PS, P/S POINT OF SWITCH,  
 PRESTRESSED  
 PSP PERFORATED STEEL PIPE  
 PT POINT OF TANGENCY  
 PVC POLYVINYL CHLORIDE,  
 POINT OF VERTICAL CURVE  
 PVI POINT OF VERTICAL INTERSECTION  
 PVMT PAVEMENT  
 PVT POINT OF VERTICAL TANGENT

SC SAND CUSHION,  
 SLOTTED CORRUGATED STEEL PIPE,  
 SPIRAL CURVE POINT  
 SD STORM DRAIN  
 SEC SECOND, SECTION  
 SEP SEPARATION  
 SG SUBGRADE  
 SHLD SHOULDER  
 SHT SHEET  
 SIM SIMILAR  
 S STATION LINE  
 SM SELECTED MATERIAL  
 SPEC SPECIAL,  
 SPECIFICATIONS

TPF TRACTION POWER FACILITY  
 TPM TREATED PERMEABLE MATERIAL  
 TPS CALTRAIN TRACTION POWER STATION  
 TPSS TRACTION POWER SUBSTATION  
 T/R TOP OF RAIL  
 TRANS TRANSITION  
 TS TRANSVERSE,  
 TYP TRAFFIC SIGNAL,  
 TUBULAR STEEL,  
 TANGENT SPIRAL POINT  
 TYPICAL

P

Q

R

U

P PAGE  
 PAP PERFORATED ALUMINUM PIPE  
 PB PULL BOX  
 PC POINT OF CURVATURE,  
 PRECAST  
 PCC POINT OF COMPOUND CURVE,  
 PORTLAND CEMENT CONCRETE  
 PCEP CALTRAIN PENINSULA CORRIDOR  
 ELECTRIFICATION PROJECT  
 PCP PERFORATED CONCRETE PIPE,  
 PRESTRESSED CONCRETE PIPE  
 PCVC POINT OF COMPOUND VERTICAL CURVE  
 PED PEDESTRIAN  
 PED OC PEDESTRIAN OVERCROSSING  
 PED UC PEDESTRIAN UNDERCROSSING  
 PERM MTL PERMEABLE MATERIAL  
 PG PROFILE GRADE  
 PG&E PACIFIC GAS AND ELECTRIC  
 PI POINT OF INTERSECTION  
 PITO POINT OF INTERSECTION TURNOUT  
 PJP PARTIAL JOINT PENETRATION  
 PL,PL PLATE  
 P/L PROPERTY LINE  
 PM POST MILE,  
 TIME FROM NOON TO MIDNIGHT  
 PN PAVING NOTCH  
 POB POINT OF BEGINNING  
 POC POINT OF HORIZONTAL CURVE  
 POE POINT OF END  
 POT POINT OF TANGENT  
 POVC POINT OF VERTICAL CURVE  
 PP PIPE PILE,  
 PLASTIC PIPE,  
 POWER POLE

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

SPP SLOTTED PLASTIC PIPE  
 SR STATE ROUTE  
 SS SLOPE STAKE  
 SSBM STRAP AND SADDLE BRACKET METHOD  
 SSD STRUCTURAL SECTION DRAIN  
 SSPA STRUCTURAL STEEL PLATE ARCH  
 SSPP STRUCTURAL STEEL PLATE PIPE  
 SSPPA STRUCTURAL STEEL PLATE PIPE ARCH  
 SSRP STEEL SPIRAL RIB PIPE  
 ST STREET,  
 SPIRAL TANGENT POINT  
 STA STATION  
 STBB SINGLE THRIE BEAM BARRIER  
 STD STANDARD  
 STR STRUCTURE  
 SURF SURFACING  
 SW SIDEWALK,  
 SOUND WALL  
 SWR SEWER  
 SWS SWITCHING STATION  
 SYM SYMMETRICAL  
 S4S SURFACE 4 SIDES

UC UNDERCROSSING  
 UD UNDERDRAIN  
 UON UNLESS OTHERWISE NOTED  
 UP UNDERPASS  
 UPRR UNION PACIFIC RAIL ROAD

V

PPL PREFORMED PERMEABLE LINER  
 PPP PERFORATED PLASTIC PIPE  
 PRC POINT OF REVERSE CURVE  
 PRF PAVEMENT REINFORCING FABRIC  
 PROP PROPOSED  
 PRVC POINT OF REVERSE VERTICAL CURVE  
 PS&E PLANS, SPECIFICATIONS AND ESTIMATES

S SOUTH,  
 SUPPLEMENT  
 SAE STRUCTURE APPROACH EMBANKMENT  
 SALV SALVAGE  
 SAPP STRUCTURAL ALUMINUM PLATE PIPE  
 SA-RT STAND ALONE RADIO TOWER  
 SB SOUTHBOUND

T SEMI-TANGENT  
 TAB TABLET  
 TAN TANGENT  
 TBB THRIE BEAM BARRIER  
 TBD TO BE DETERMINED  
 TBR TIMBER  
 TC TOP OF CURB  
 TCB TRAFFIC CONTROL BOX  
 TCE TEMPORARY CONSTRUCTION EASEMENT  
 TEL TELEPHONE  
 TEMP TEMPORARY  
 TG TOP OF GRADE  
 TOT TOTAL  
 TP TELEPHONE POLE  
 TPB TREATED PERMEABLE BASE

V VALVE,  
 DESIGN SPEED  
 VAR VARIABLE  
 VC VERTICAL CURVE  
 VCP VITRIFIED CLAY PIPE  
 VERT VERTICAL  
 VIA VIADUCT  
 VOL VOLUME

W

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

X

X SEC CROSS SECTION  
 XING CROSSING

Y

YR YEAR  
 YRS YEARS

**SAN JOSE TO CVY EIR/S: VOLUME III  
 GENERAL INFORMATION BOOK  
 SHEET 45 OF 68**

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**HNTB** 1111 Broadway  
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 Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

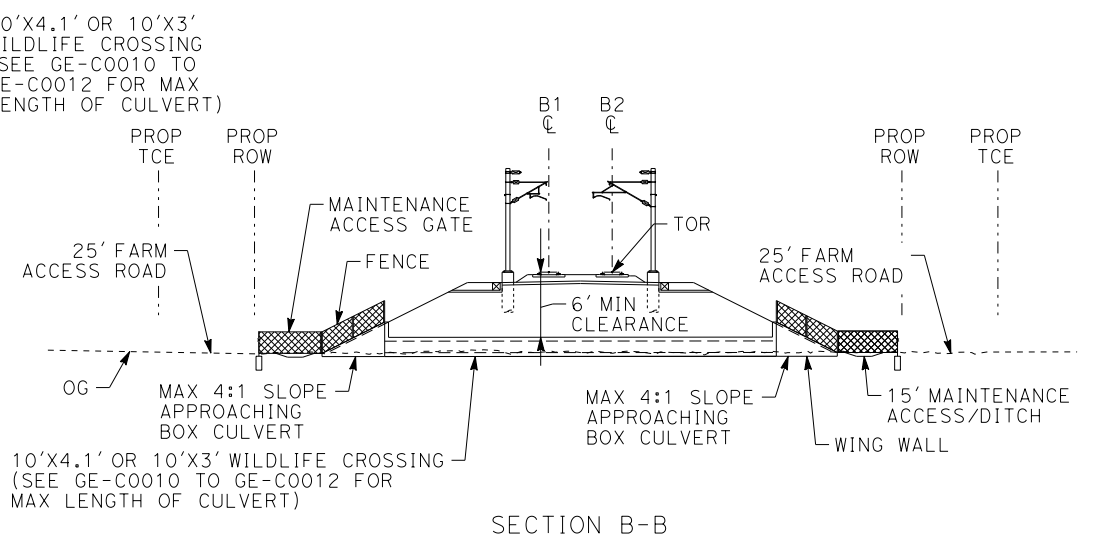
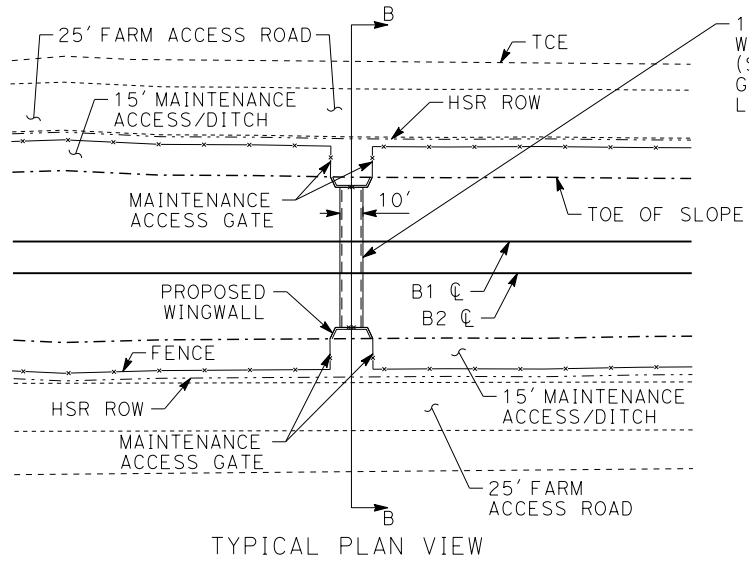
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
 SAN JOSE TO MERCED**  
 GENERAL ABBREVIATIONS  
 SHEET 2 OF 2

CONTRACT NO. HSR15-34
DRAWING NO. GE-C0002
SCALE NONE
SHEET NO.



**NOTES:**

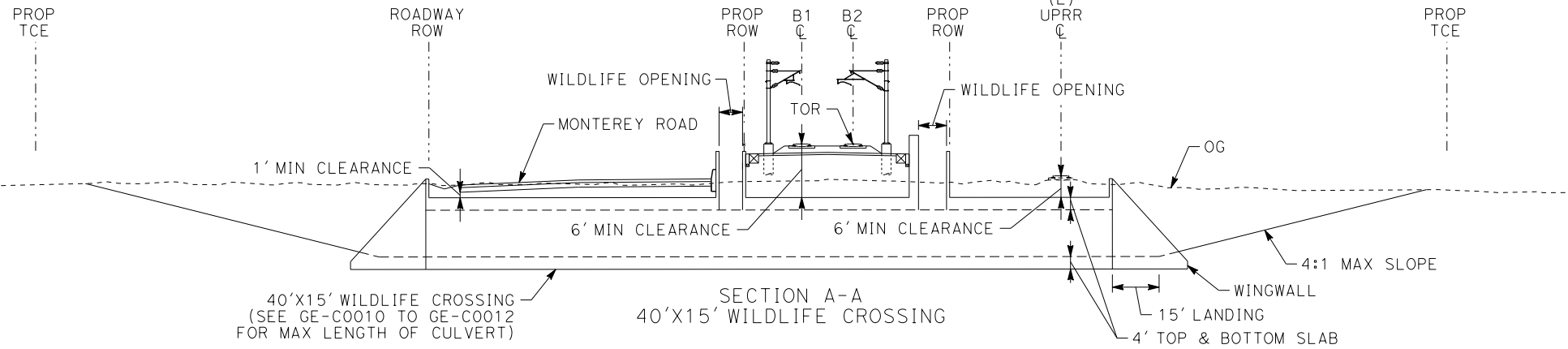
- IF 6' VERTICAL COVER IS NOT POSSIBLE, A DESIGN VARIANCE MUST BE ISSUED. THE CULVERT MUST BE DESIGNED TO WITHSTAND SEISMIC LOADS AND APPROXIMATELY 100' ON EITHER SIDE OF THE CULVERT MUST BE CONSTRUCTED WITH HIGH COMPACTION SUB-BALLAST. THIS ACTION APPLIES TO UPRR TRACKS AS WELL.
- FOR CULVERTS BURIED MORE THAN 1.5' BELOW EXISTING GROUND, AN ENGINEERING SOLUTION WILL BE REQUIRED.
- DIMENSIONS SHOWN IN WILDLIFE CROSSING TABLE (ON SHEETS GE-C0010 THROUGH GE-C0012) REPRESENT OPENING OF CULVERT.
- FOR CONCRETE BARRIER WILDLIFE PASSAGEWAY (TYPE ML) DETAIL, REFER TO CALTRANS STD PLANS A76L.
- APPROACHES TO WILDLIFE CROSSINGS WILL NOT BE BLOCKED BY AR OR AD FENCING. IF NECESSARY TO DELINEATE ROW, 3-STRAND WILDLIFE PERMEABLE FENCING WILL BE USED. ACCESS TO HSR ROW WILL TYPICALLY BE RESTRICTED WITH AR FENCING ON WING WALLS AND ON TOP OF THE BOX CULVERT AS SHOWN IN THE 10'X4.1' AND 10'X3' WILDLIFE CROSSING DETAIL. GATES ARE PROVIDED FOR MAINTENANCE ACCESS. SEE DIRECTIVE DRAWING DD-CV-006 FOR AR FENCING DETAIL FROM HSR 13-06 BOOK 3, PART E, SUBPART 1.
- TO MINIMIZE TRESPASSING, FEATURES SUCH AS BOULDERS WILL BE PLACED ON THE APPROACH SLOPES AND WITHIN UNDERCROSSINGS.
- AS NECESSARY, EXCLUSION GRADING SHOULD BE PLACED AROUND WINGWALL GRADING TO DIRECT ANY SURFACE RUNOFF AROUND THE WILDLIFE ENTRANCE.



TYPICAL PLAN VIEW

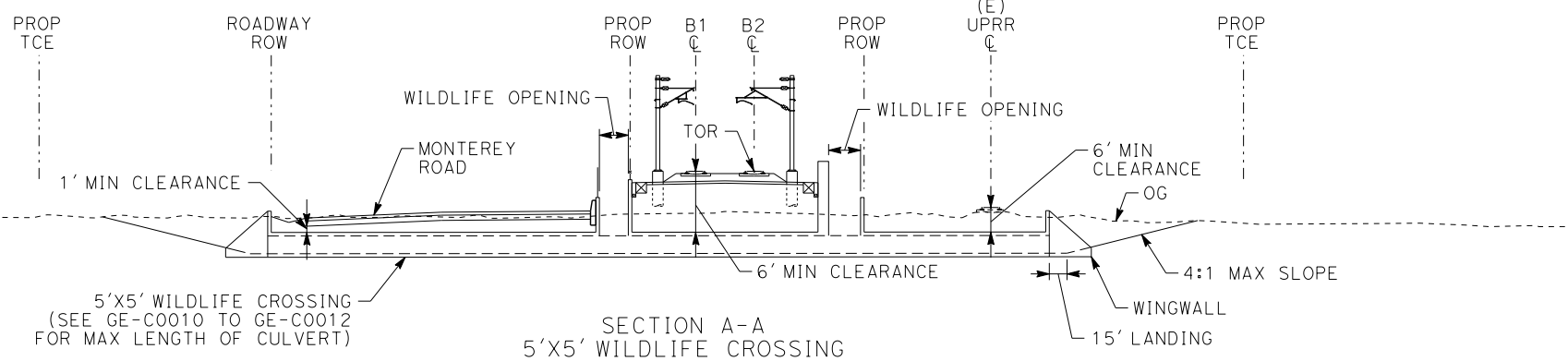
SECTION B-B

**10'X4.1' AND 10'X3' WILDLIFE CROSSING DETAIL**  
NTS



SECTION A-A  
40'X15' WILDLIFE CROSSING

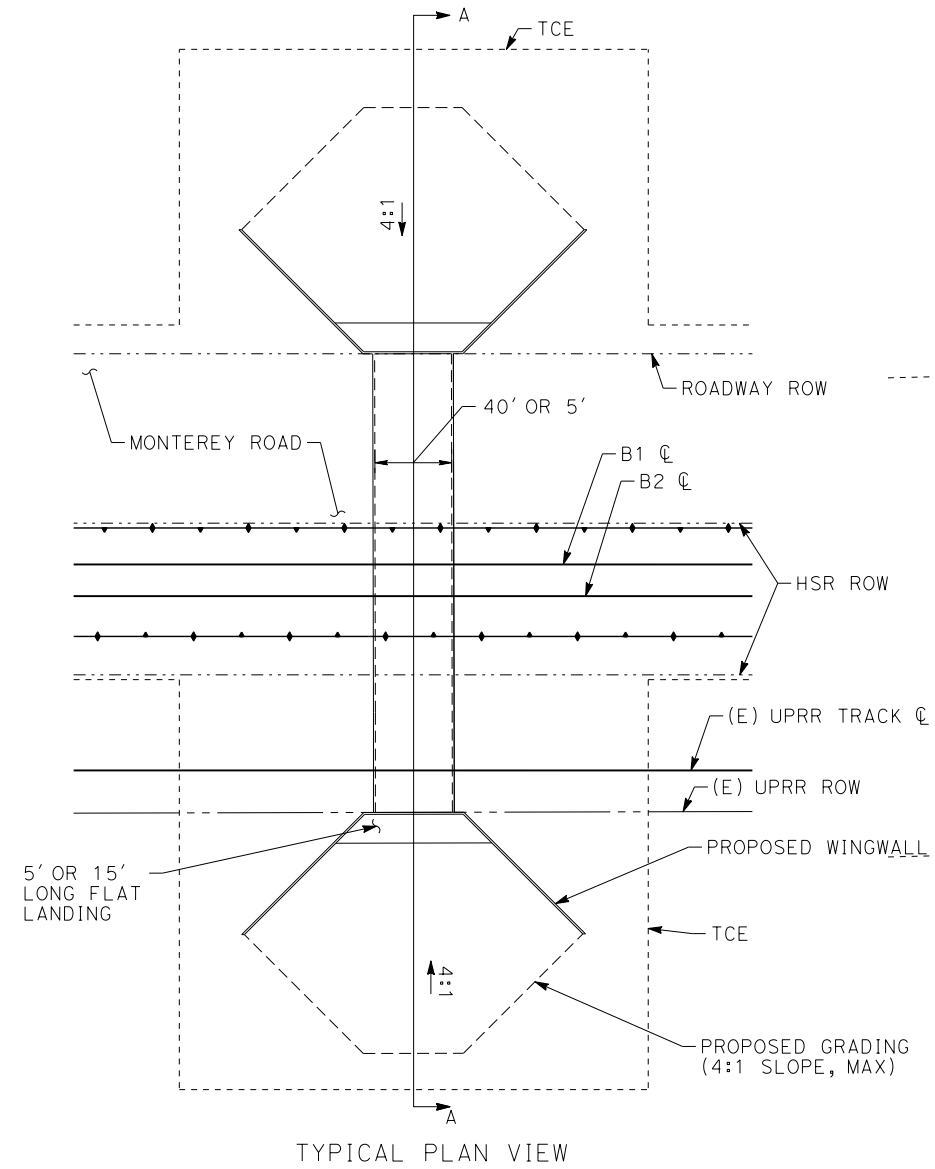
40'X15' WILDLIFE CROSSING  
(SEE GE-C0010 TO GE-C0012 FOR MAX LENGTH OF CULVERT)



SECTION A-A  
5'X5' WILDLIFE CROSSING

5'X5' WILDLIFE CROSSING  
(SEE GE-C0010 TO GE-C0012 FOR MAX LENGTH OF CULVERT)

**40'X15' AND 5'X5' WILDLIFE CROSSING DETAIL**  
NO SCALE



TYPICAL PLAN VIEW

**SAN JOSE TO CVY EIR/S: VOLUME III**  
**GENERAL INFORMATION BOOK**  
**SHEET 46 OF 68**

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Oakland, CA 94607

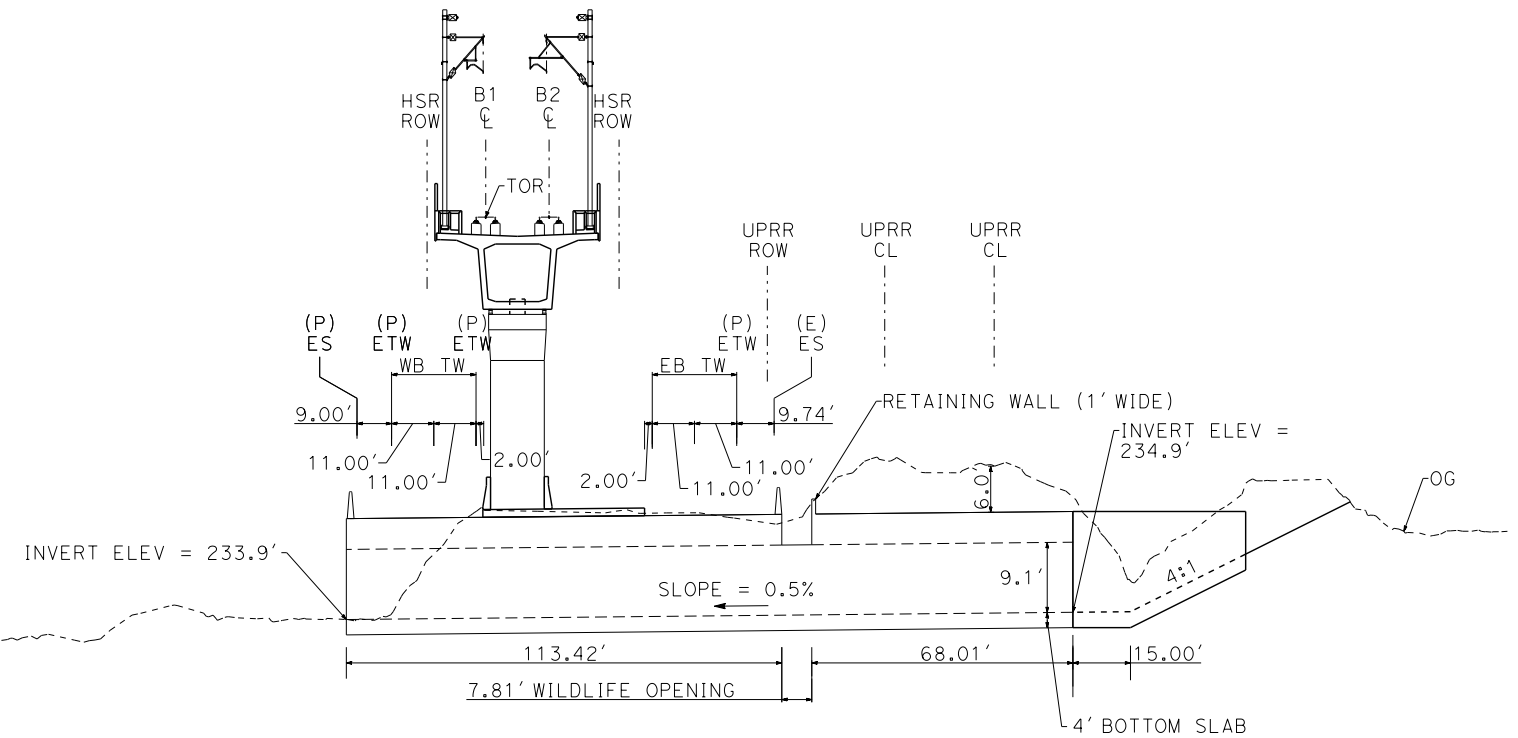
**CALIFORNIA**  
High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
GENERAL  
WILDLIFE CROSSING DETAILS  
SHEET 1 OF 8

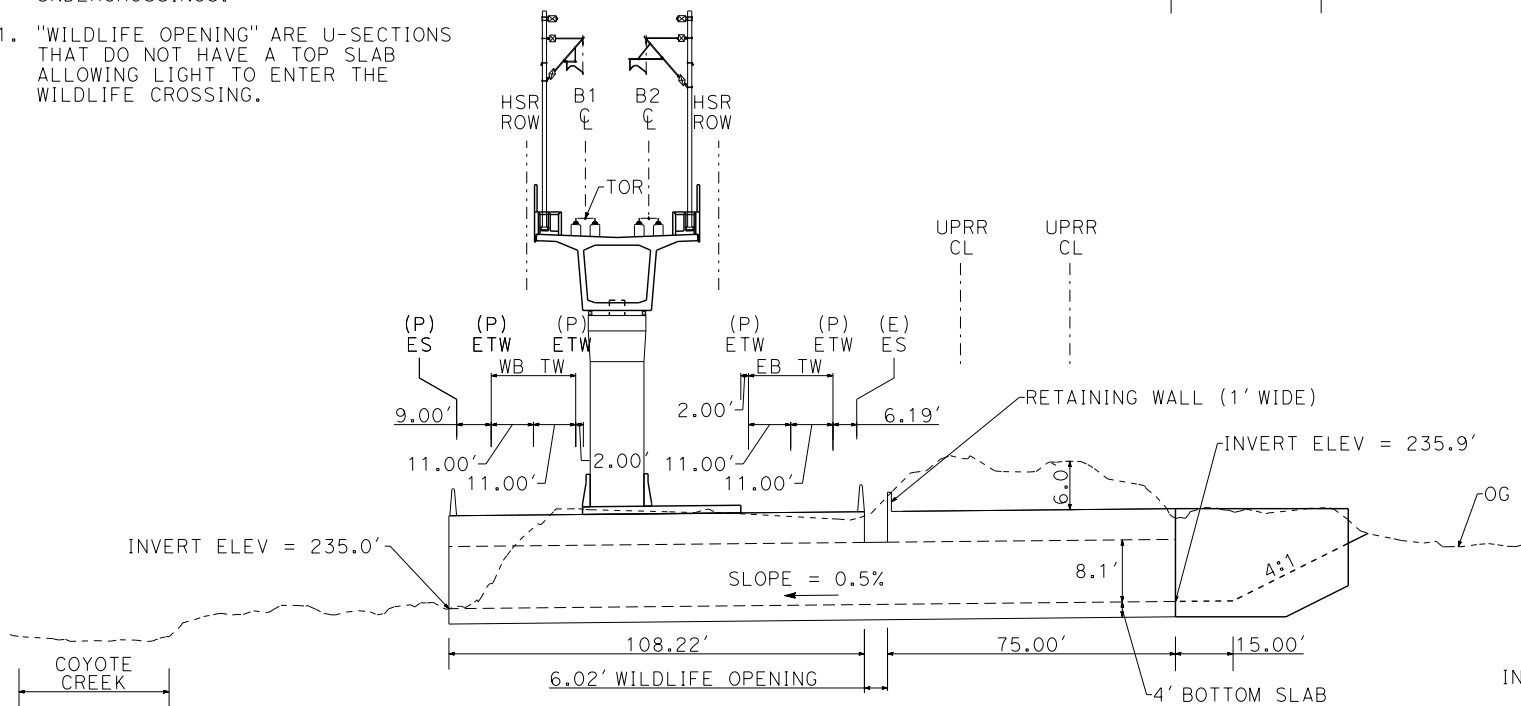
CONTRACT NO.	HSR15-34
DRAWING NO.	GE-C0003
SCALE	NONE
SHEET NO.	

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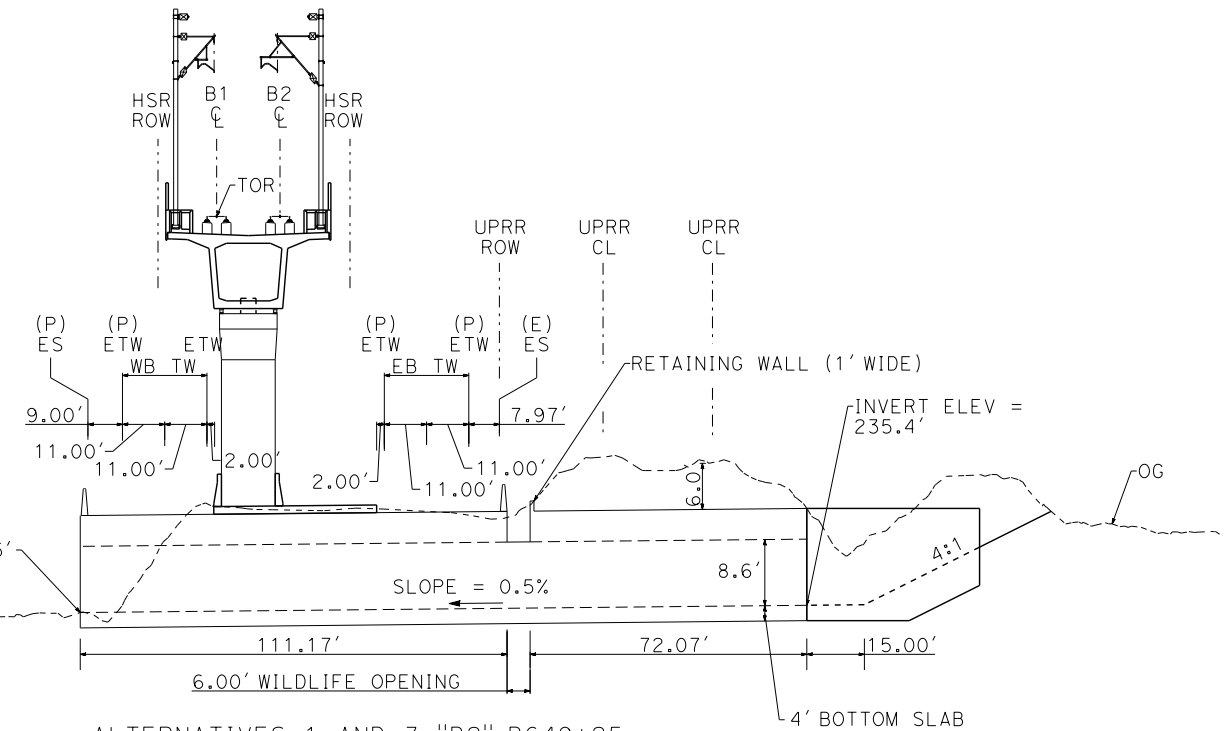
- IF 6' VERTICAL IS NOT POSSIBLE, A DESIGN VARIANCE MUST BE ISSUED. THE CULVERT MUST BE DESIGNED TO WITHSTAND SEISMIC LOADS AND APPROXIMATELY 100' ON EITHER SIDE OF THE CULVERT MUST BE CONSTRUCTED WITH HIGH COMPACTION SUB-BALLAST. THIS ACTION APPLIES TO UPRR TRACKS AS WELL.
- FOR CULVERTS BURIED MORE THAN 1.5' BELOW EXISTING GROUND, AN ENGINEERING SOLUTION WILL BE REQUIRED.
- DIMENSIONS SHOWN IN WILDLIFE CROSSING TABLE (SHEETS GE-C0010 THROUGH GE-C0012) REPRESENT OPENING OF CULVERT.
- FOR CONCRETE BARRIER WILDLIFE PASSAGEWAY (TYPE ML) DETAIL, REFER TO CALTRANS STD PLANS A76L.
- MAINTAIN EXISTING PROFILE OF MONTEREY ROAD. ROADWAY TO BE INTEGRATED WITH CULVERT.
- WILDLIFE CROSSING CULVERT ASSUMED STRUCTURE DEPTH OF 2', EXCEPT THE TOP SLABS UNDER THE RAILROADS WHICH ARE 4' THICK FOR 40' WIDE CULVERTS AND 3' FOR 30' WIDE CULVERTS.
- PROFILE IS OF EXISTING CURRENT DESIGN CONDITIONS.
- FINAL DESIGNER TO MAXIMIZE VERTICAL CLEARANCE UP TO 15' HIGH. MINIMUM OPENING DIMENSIONS ARE SPECIFIED IN WILDLIFE CROSSING TABLES ON SHEETS GE-C0010 THROUGH GE-C0012.
- APPROACHES TO WILDLIFE CROSSINGS WILL NOT BE BLOCKED BY AR OR AD FENCING. IF NECESSARY TO DELINEATE ROW, 3-STRAND WILDLIFE PERMEABLE FENCING WILL BE USED. ACCESS TO HSR ROW WILL TYPICALLY BE RESTRICTED WITH AR FENCING ON WING WALLS AND ON TOP OF THE BOX CULVERT AS SHOWN IN THE 10'X4.1' AND 10'X3' WILDLIFE CROSSING DETAIL. GATES ARE PROVIDED FOR MAINTENANCE ACCESS. SEE DIRECTIVE DRAWING DD-CV-006 FOR AR FENCING DETAIL FROM HSR 13-06 BOOK 3, PART E, SUBPART 1.
- TO MINIMIZE TRESPASSING, FEATURES SUCH AS BOULDERS WILL BE PLACED ON THE APPROACH SLOPES AND WITHIN UNDERCROSSINGS.
- "WILDLIFE OPENING" ARE U-SECTIONS THAT DO NOT HAVE A TOP SLAB ALLOWING LIGHT TO ENTER THE WILDLIFE CROSSING.



ALTERNATIVES 1 AND 3 "B2" B650+35  
30'X9.1' WILDLIFE CROSSING



ALTERNATIVES 1 AND 3 "B2" B648+15  
30'X8.1' WILDLIFE CROSSING



ALTERNATIVES 1 AND 3 "B2" B649+25  
40'X8.6' WILDLIFE CROSSING

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 47 OF 68**

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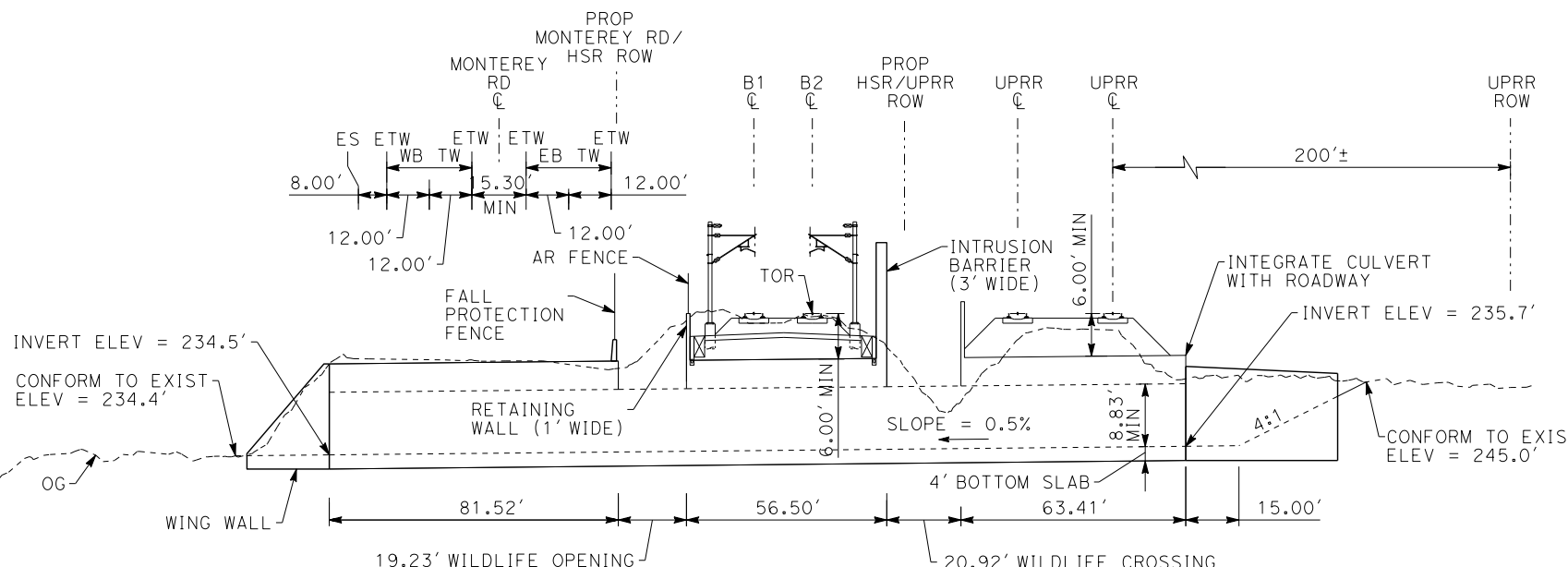
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**  
GENERAL  
WILDLIFE CROSSING DETAILS  
SHEET 2 OF 8

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-C0004
SCALE	NONE
SHEET NO.	

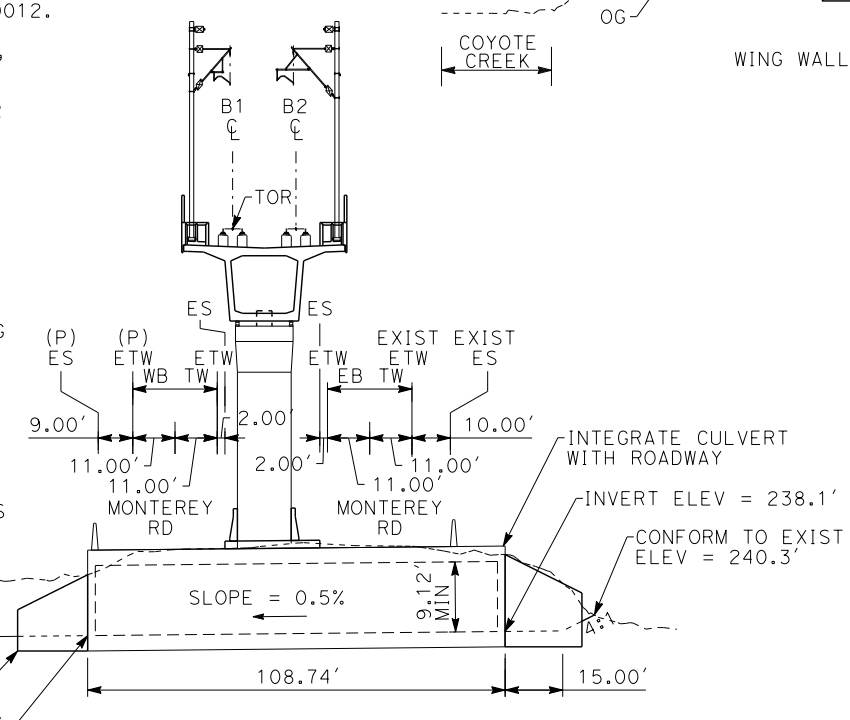


**NOTES:**

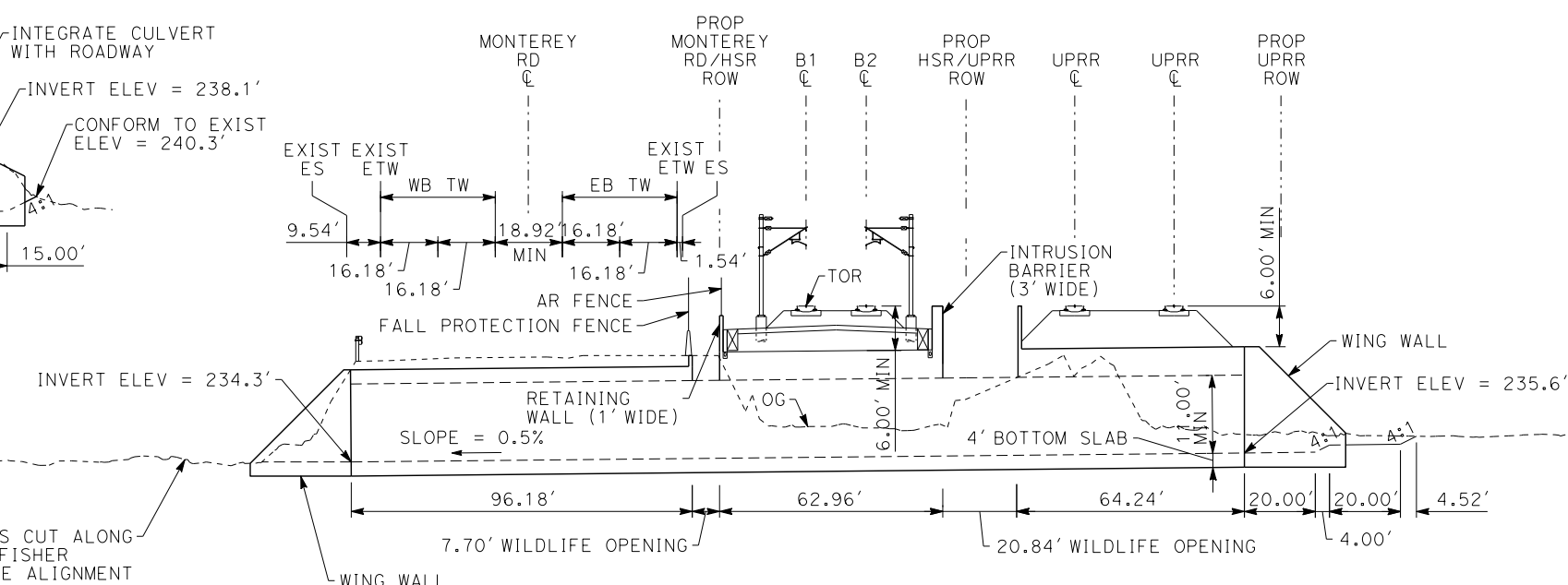
- IF 6' VERTICAL IS NOT POSSIBLE, A DESIGN VARIANCE MUST BE ISSUED. THE CULVERT MUST BE DESIGNED TO WITHSTAND SEISMIC LOADS AND APPROXIMATELY 100' ON EITHER SIDE OF THE CULVERT MUST BE CONSTRUCTED WITH HIGH COMPACTION SUB-BALLAST. THIS ACTION APPLIES TO UPRR TRACKS AS WELL.
- FOR CULVERTS BURIED MORE THAN 1.5' BELOW EXISTING GROUND, AN ENGINEERING SOLUTION WILL BE REQUIRED.
- DIMENSIONS SHOWN IN WILDLIFE CROSSING TABLE (SHEETS GE-C0010 THROUGH GE-C0012) REPRESENT OPENING OF CULVERT.
- FOR CONCRETE BARRIER WILDLIFE PASSAGEWAY (TYPE ML) DETAIL, REFER TO CALTRANS STD PLANS A76L.
- MAINTAIN EXISTING PROFILE OF MONTEREY RD.
- WILDLIFE CROSSING CULVERT ASSUMED STRUCTURE DEPTH OF 2', EXCEPT THE TOP SLABS UNDER THE RAILROADS WHICH ARE 4' THICK FOR 40' WIDE CULVERTS AND 3' FOR 30' WIDE CULVERTS.
- PROFILE IS OF EXISTING CURRENT DESIGN CONDITIONS.
- FINAL DESIGNER TO MAXIMIZE VERTICAL CLEARANCE UP TO 15' HIGH. MINIMUM DIMENSIONS ARE SPECIFIED ON SHEETS GE-C0010 THROUGH GE-C0012.
- FOR WILDLIFE CROSSING AT STATION "B2" 740+00.00, THE PROPOSED WILDLIFE CROSSING CONSISTS OF THREE CULVERTS: TWO 30'X9.8' CULVERTS AND ONE 40'X8.8' CULVERT. ASSUMES INVERT IS THE SAME FOR ALL THREE CULVERTS.
- "WILDLIFE OPENINGS" ARE U-SECTIONS THAT DO NOT HAVE A TOP SLAB ALLOWING LIGHT TO ENTER THE WILDLIFE CROSSING.
- APPROACHES TO WILDLIFE CROSSINGS WILL NOT BE BLOCKED BY AR OR AD FENCING. IF NECESSARY TO DELINEATE ROW, 3-STRAND WILDLIFE PERMEABLE FENCING WILL BE USED. ACCESS TO HSR ROW WILL TYPICALLY BE RESTRICTED WITH AR FENCING ON WING WALLS AND ON TOP OF THE BOX CULVERT AS SHOWN IN THE 10'X4.1' AND 10'X3' WILDLIFE CROSSING DETAIL. GATES ARE PROVIDED FOR MAINTENANCE ACCESS. SEE DIRECTIVE DRAWING DD-CV-006 FOR AR FENCING DETAIL FROM HSR 13-06 BOOK 3, PART E, SUBPART 1.
- TO MINIMIZE TRESPASSING, FEATURES SUCH AS BOULDERS WILL BE PLACED ON THE APPROACH SLOPES AND WITHIN UNDERCROSSINGS.



ALTERNATIVE 2 "B2" B740+00  
40'X8.8' WILDLIFE CROSSING



ALTERNATIVES 1 AND 3 "B2" B664+64  
40'X9.1' WILDLIFE CROSSING



ALTERNATIVE 2 "B2" B754+36  
40'X11' WILDLIFE CROSSING

PROFILE IS CUT ALONG EXISTING FISHER CREEK PIPE ALIGNMENT

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 48 OF 68**

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REV	DATE	BY	CHK	APP	DESCRIPTION

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**2021 RECORD SET**  
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**HNTB** 1111 Broadway  
9th Floor  
Oakland, CA 94607

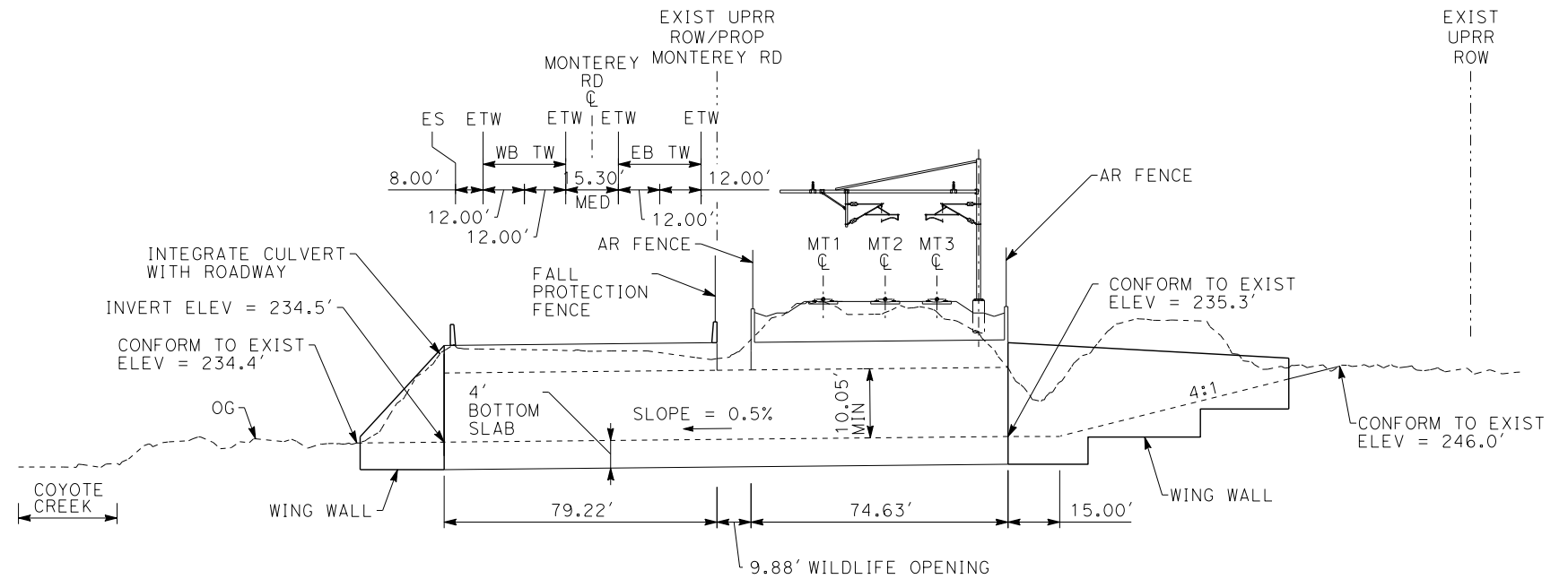


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
GENERAL  
WILDLIFE CROSSING DETAILS  
SHEET 3 OF 8

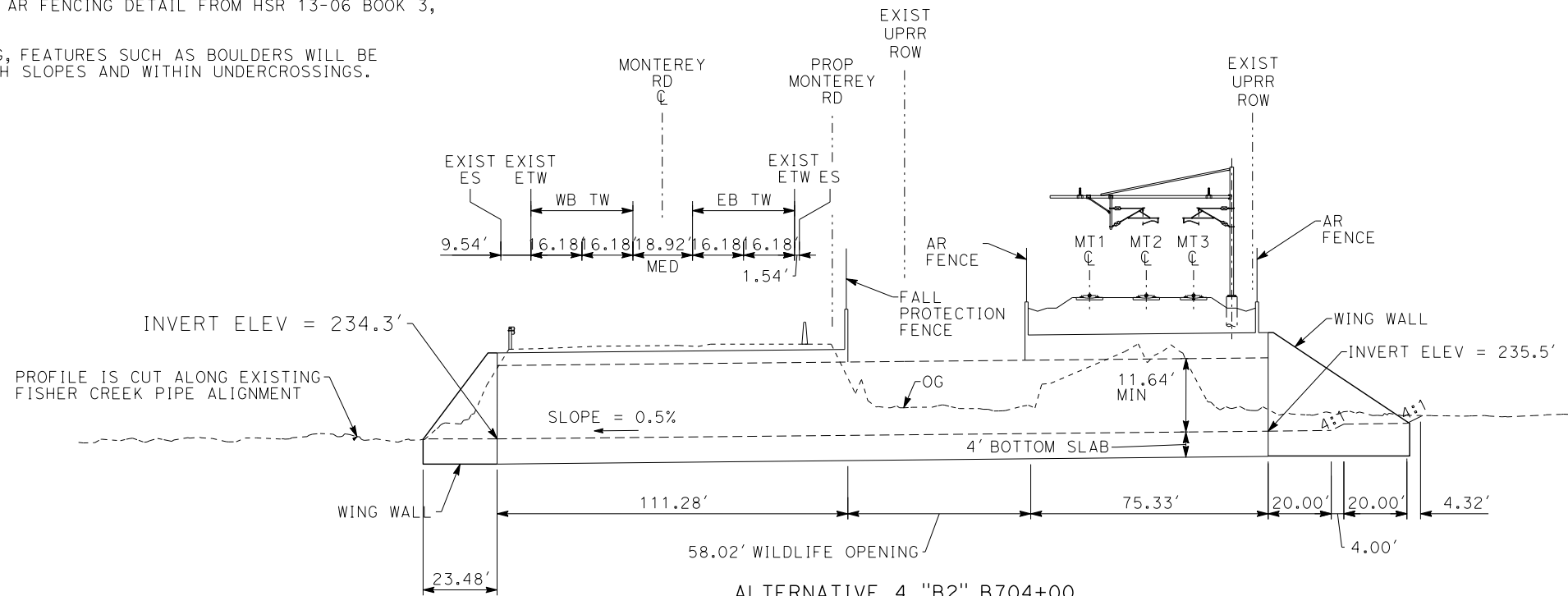
CONTRACT NO.	HSR15-34
DRAWING NO.	GE-C0005
SCALE	NONE
SHEET NO.	

**NOTES:**

- IF 6' VERTICAL IS NOT POSSIBLE, A DESIGN VARIANCE MUST BE ISSUED. THE CULVERT MUST BE DESIGNED TO WITHSTAND SEISMIC LOADS AND APPROXIMATELY 100' ON EITHER SIDE OF THE CULVERT MUST BE CONSTRUCTED WITH HIGH COMPACTION SUB-BALLAST. THIS ACTION APPLIES TO UPRR TRACKS AS WELL.
- FOR CULVERTS BURIED MORE THAN 1.5' BELOW EXISTING GROUND, AN ENGINEERING SOLUTION WILL BE REQUIRED.
- DIMENSIONS SHOWN IN WILDLIFE CROSSING TABLE (SHEETS GE-C0010 TO GE-C0012) REPRESENT OPENING OF CULVERT.
- FOR CONCRETE BARRIER WILDLIFE PASSAGEWAY (TYPE ML) DETAIL, REFER TO CALTRANS STD PLANS A76L.
- MAINTAIN EXISTING PROFILE OF MONTEREY RD.
- WILDLIFE CROSSING CULVERT ASSUMED STRUCTURE DEPTH OF 2', EXCEPT THE TOP SLABS UNDER THE RAILROADS WHICH ARE 4' THICK FOR 40' WIDE CULVERTS AND 3' FOR 30' WIDE CULVERTS.
- PROFILE IS OF EXISTING CURRENT DESIGN CONDITIONS.
- FINAL DESIGNER TO MAXIMIZE VERTICAL CLEARANCE UP TO 15' HIGH. MINIMUM DIMENSIONS ARE SPECIFIED ON SHEETS GE-C0010 THROUGH GE-C0012.
- FOR WILDLIFE CROSSING AT STATION "B2" 689+50.00, THE PROPOSED WILDLIFE CROSSING CONSISTS OF THREE CULVERTS: TWO 30'X11.1' AND ONE 40'X10.1' CULVERT. ASSUMES INVERT IS THE SAME FOR ALL THREE CULVERTS.
- "WILDLIFE OPENINGS" ARE U-SECTIONS THAT DO NOT HAVE A TOP SLAB ALLOWING LIGHT TO ENTER THE WILDLIFE CROSSING.
- APPROACHES TO WILDLIFE CROSSINGS WILL NOT BE BLOCKED BY AR OR AD FENCING. IF NECESSARY TO DELINEATE ROW, 3-STRAND WILDLIFE PERMEABLE FENCING WILL BE USED. ACCESS TO HSR ROW WILL TYPICALLY BE RESTRICTED WITH AR FENCING ON WING WALLS AND ON TOP OF THE BOX CULVERT AS SHOWN IN THE 10'X4.1' AND 10'X3' WILDLIFE CROSSING DETAIL. GATES ARE PROVIDED FOR MAINTENANCE ACCESS. SEE DIRECTIVE DRAWING DD-CV-006 FOR AR FENCING DETAIL FROM HSR 13-06 BOOK 3, PART E, SUBPART 1.
- TO MINIMIZE TRESPASSING, FEATURES SUCH AS BOULDERS WILL BE PLACED ON THE APPROACH SLOPES AND WITHIN UNDERCROSSINGS.



ALTERNATIVE 4 "B2" B689+50  
40'X10.1' WILDLIFE CROSSING



ALTERNATIVE 4 "B2" B704+00  
40'X11.6' WILDLIFE CROSSING

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 49 OF 68**

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Oakland, CA 94607

**CALIFORNIA**  
High-Speed Rail Authority

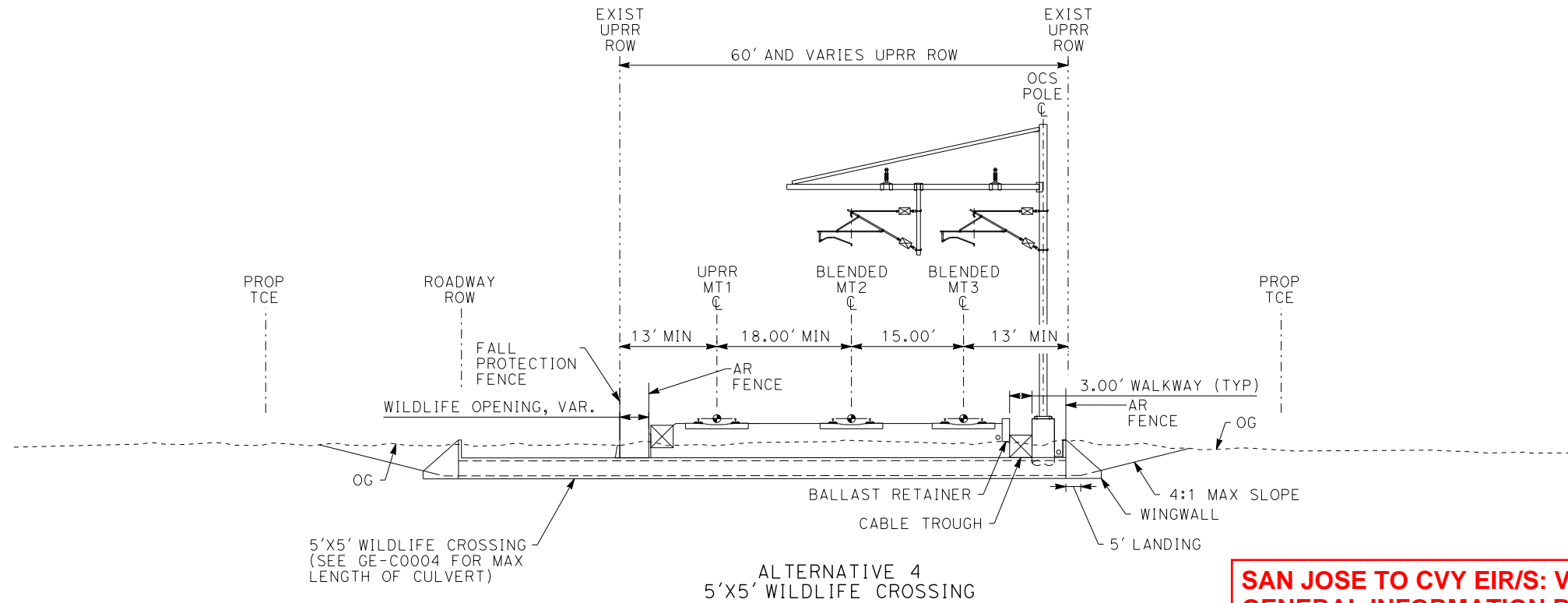
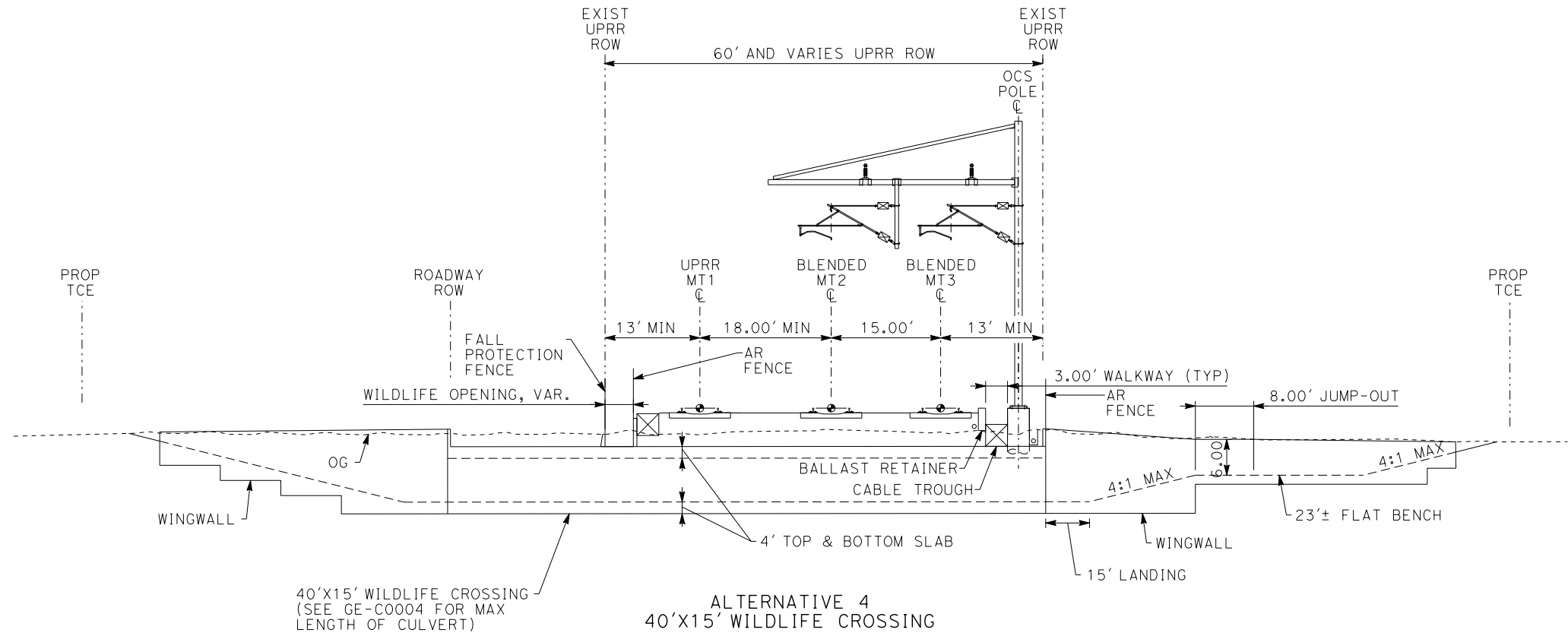
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**  
GENERAL  
WILDLIFE CROSSING DETAILS  
SHEET 4 OF 8

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-C0006
SCALE	NONE
SHEET NO.	



**NOTES:**

1. IF 6' VERTICAL COVER IS NOT POSSIBLE, A DESIGN VARIANCE MUST BE ISSUED. THE CULVERT MUST BE DESIGNED TO WITHSTAND SEISMIC LOADS AND APPROXIMATELY 100' ON EITHER SIDE OF THE CULVERT MUST BE CONSTRUCTED WITH HIGH COMPACTION SUB-BALLAST. THIS ACTION APPLIES TO UPRR TRACKS AS WELL.
2. FOR CULVERTS BURIED MORE THAN 1.5' BELOW EXISTING GROUND, AN ENGINEERING SOLUTION WILL BE REQUIRED.
3. DIMENSIONS SHOWN IN WILDLIFE CROSSING TABLE (SHEETS GE-C0010 TO GE-C0012) REPRESENT OPENING OF CULVERT.
4. FOR CONCRETE BARRIER WILDLIFE PASSAGEWAY (TYPE ML) DETAIL, REFER TO CALTRANS STD PLANS A76L.
5. APPROACHES TO WILDLIFE CROSSINGS WILL NOT BE BLOCKED BY AR OR AD FENCING. IF NECESSARY TO DELINEATE ROW, 3-STRAND WILDLIFE PERMEABLE FENCING WILL BE USED. ACCESS TO HSR ROW WILL TYPICALLY BE RESTRICTED WITH AR FENCING ON WING WALLS AND ON TOP OF THE BOX CULVERT AS SHOWN IN THE 10'X4.1' AND 10'X3' WILDLIFE CROSSING DETAIL. GATES ARE PROVIDED FOR MAINTENANCE ACCESS. SEE DIRECTIVE DRAWING DD-CV-006 FOR AR FENCING DETAIL FROM HSR 13-06 BOOK 3, PART E, SUBPART 1.
6. TO MINIMIZE TRESPASSING, FEATURES SUCH AS BOULDERS WILL BE PLACED ON THE APPROACH SLOPES AND WITHIN UNDERCROSSINGS.
- 7.



**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 50 OF 68**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**SAN JOSE TO MERCED**

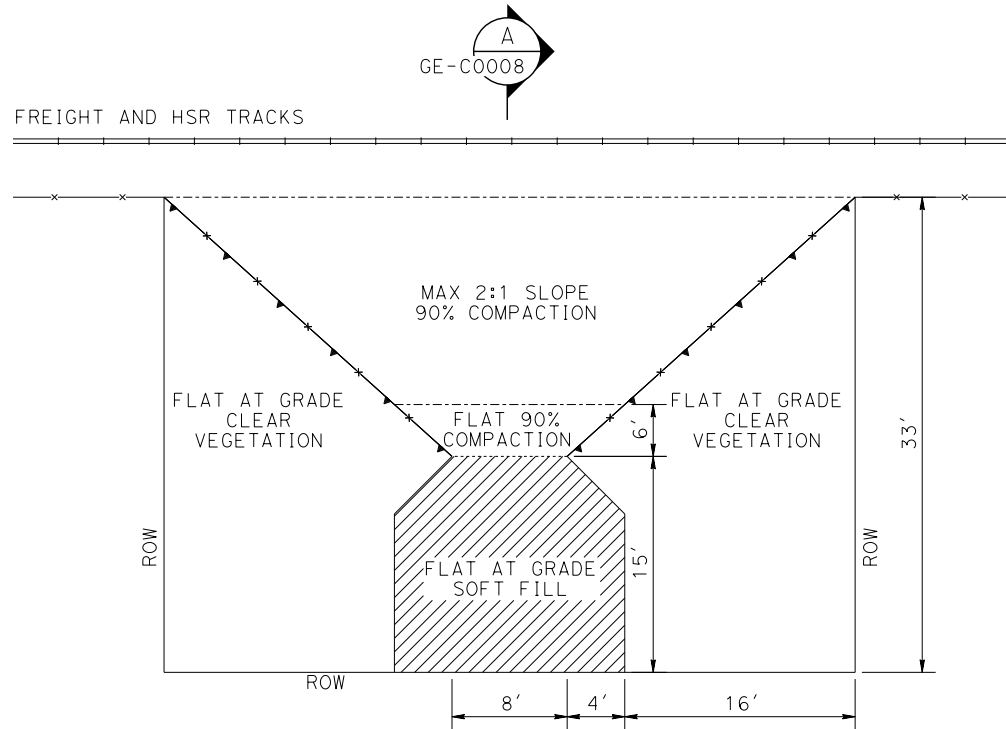
GENERAL  
WILDLIFE CROSSING DETAILS  
SHEET 5 OF 8

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-C0007
SCALE	NONE
SHEET NO.	

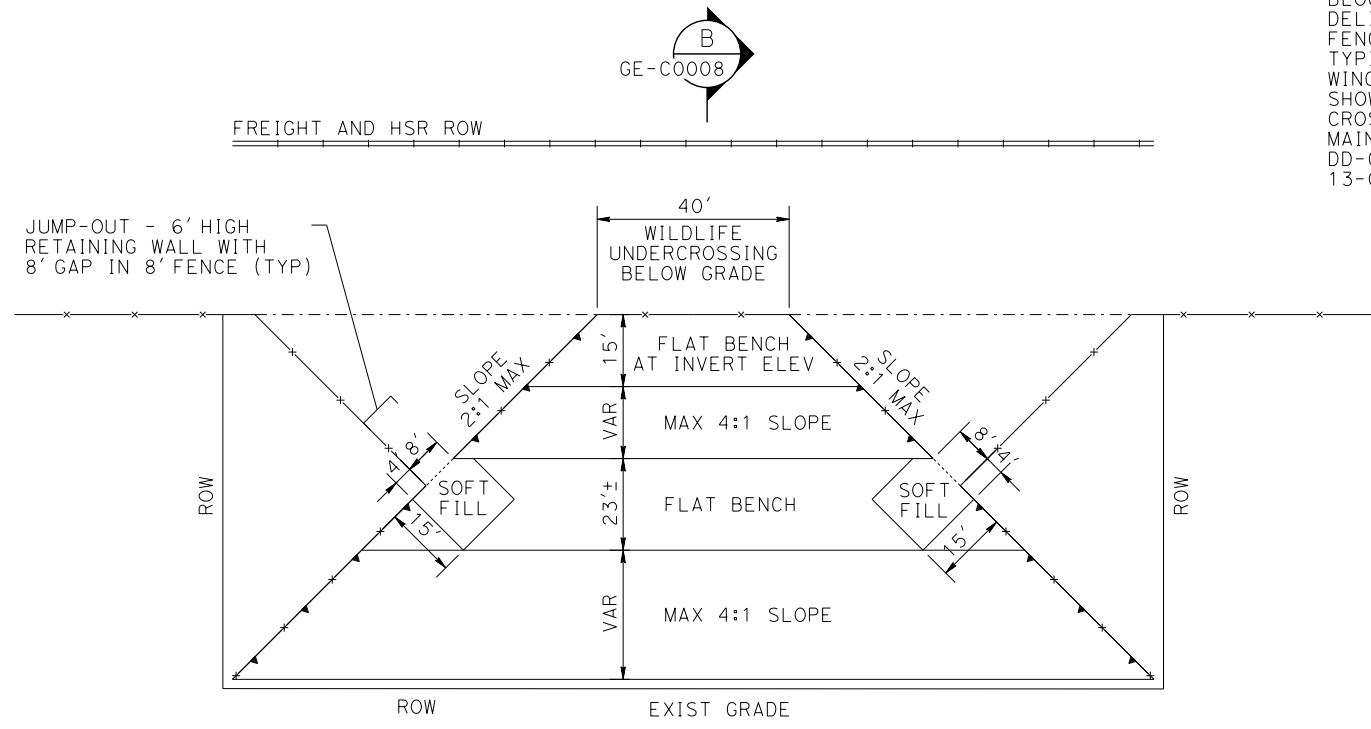
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**NOTES:**

1. APPROACHES TO WILDLIFE CROSSINGS WILL NOT BE BLOCKED BY AR OR AD FENCING. IF NECESSARY TO DELINEATE ROW, 3-STRAND WILDLIFE PERMEABLE FENCING WILL BE USED. ACCESS TO HSR ROW WILL TYPICALLY BE RESTRICTED WITH AR FENCING ON WING WALLS AND ON TOP OF THE BOX CULVERT AS SHOWN IN THE 10'X4.1' AND 10'X3' WILDLIFE CROSSING DETAIL. GATES ARE PROVIDED FOR MAINTENANCE ACCESS. SEE DIRECTIVE DRAWING DD-CV-006 FOR AR FENCING DETAIL FROM HSR 13-06 BOOK 3, PART E, SUBPART 1.



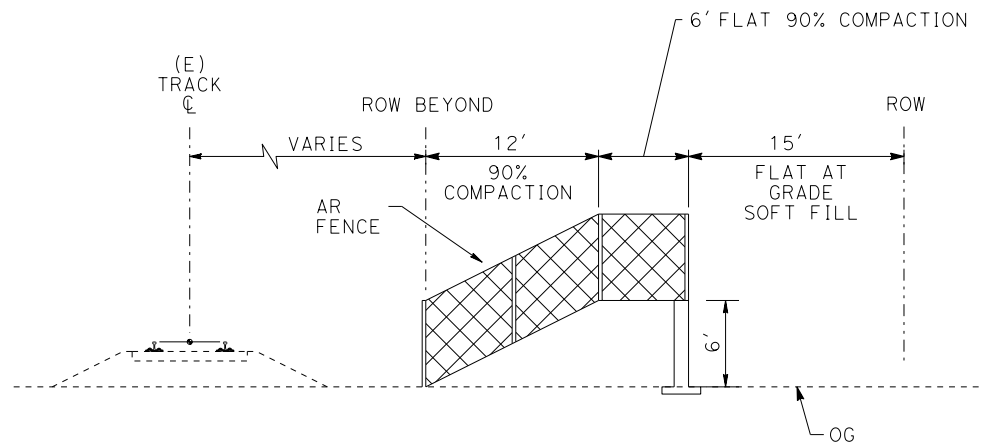
MONTEREY CORRIDOR WILDLIFE - DEDICATED JUMP OUTS



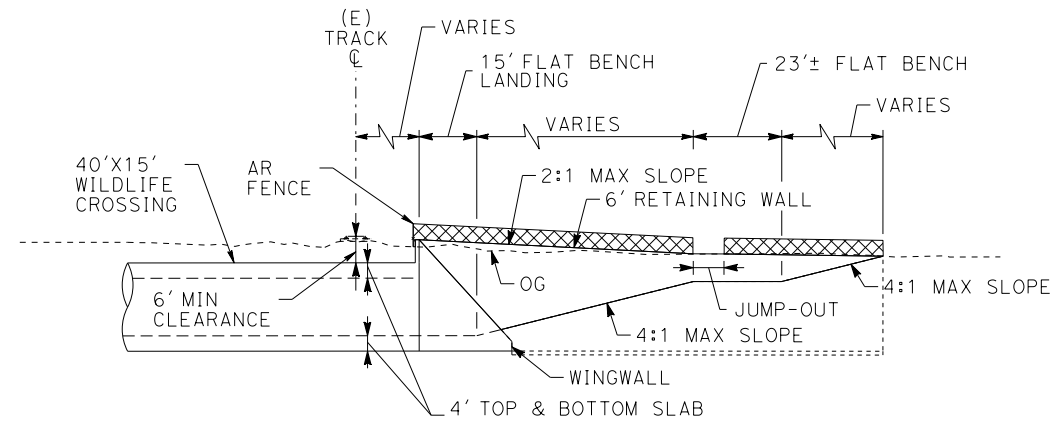
MONTEREY CORRIDOR WILDLIFE - INTEGRATED JUMP-OUTS

**LEGEND:**

- ▲▲▲▲ AR FENCE ON RETAINING WALL
- x—x—x—x— AR FENCE
- ..... 6' RETAINING WALL
- CUT AND FILL



**SECTION A**  
NO SCALE



**SECTION B**  
NO SCALE

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 51 OF 68**

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**CALIFORNIA**  
High-Speed Rail Authority

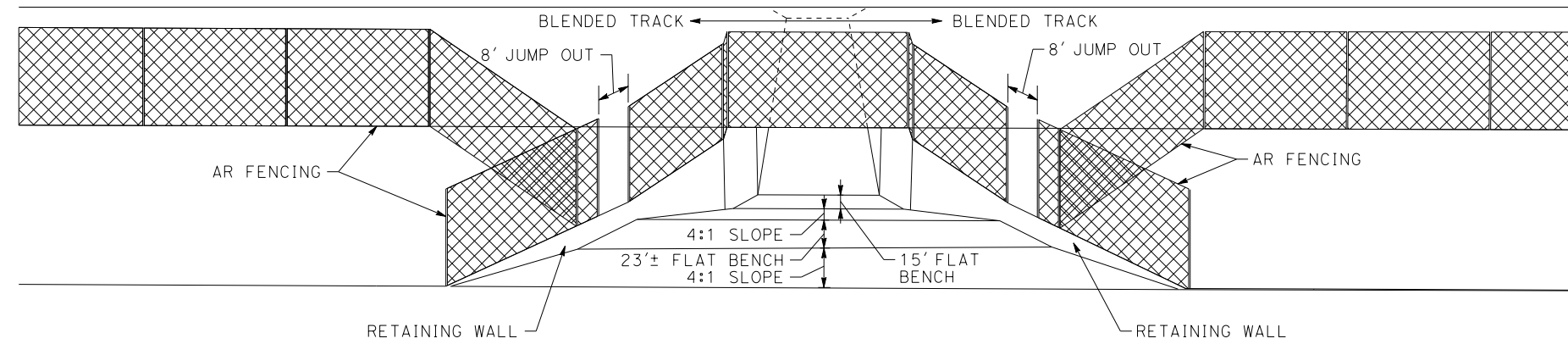
**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
GENERAL  
WILDLIFE CROSSING DETAILS  
SHEET 6 OF 8

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-C0008
SCALE	NONE
SHEET NO.	



**NOTES:**

1. SEE DIRECTIVE DRAWING DD-CV-006 FOR AR FENCING DETAIL FROM HSR 13-06 BOOK 3, PART E, SUBPART 1.



**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 52 OF 68**

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Oakland, CA 94607

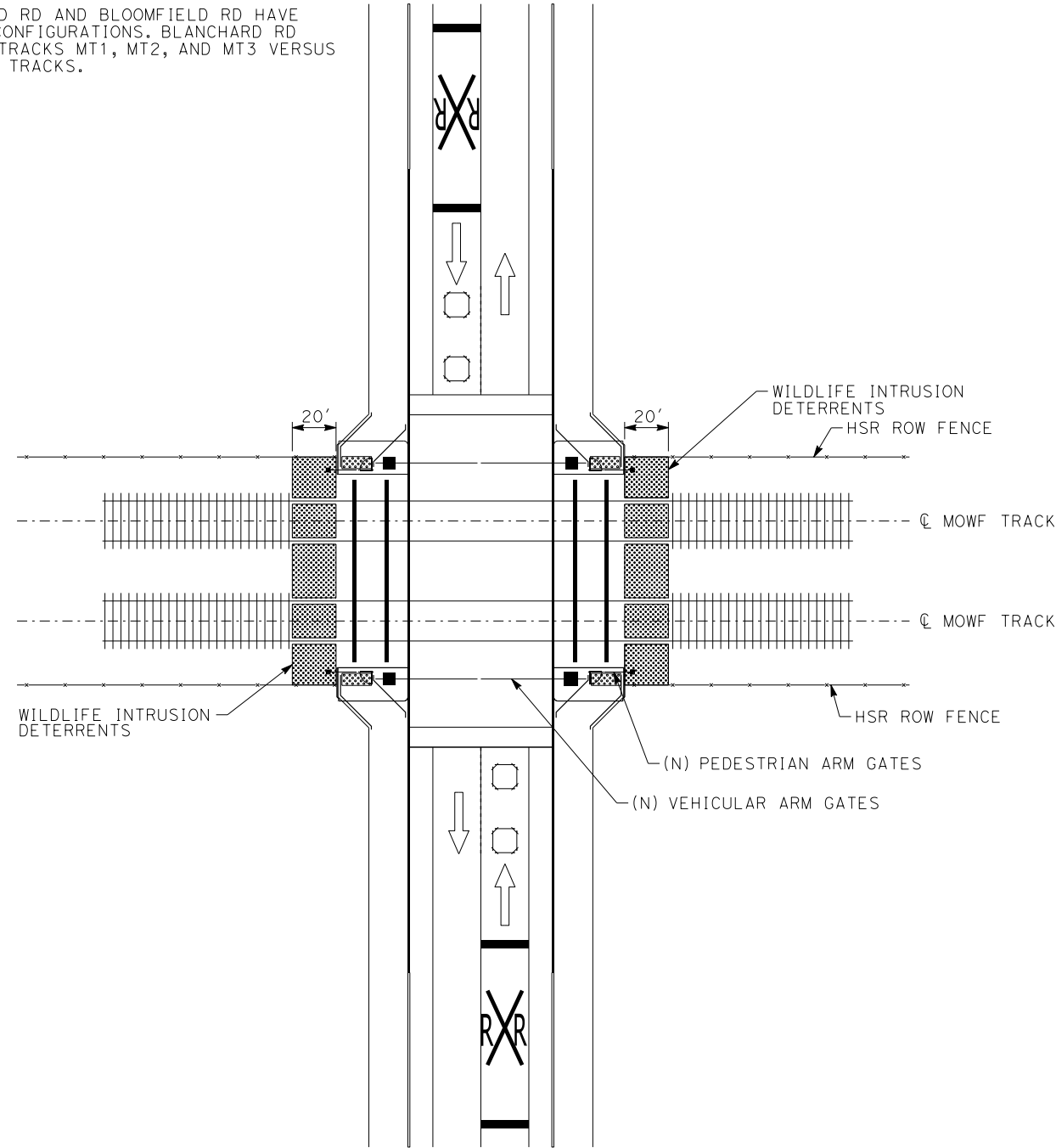
**CALIFORNIA**  
High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**  
WILDLIFE CORRIDOR DETAIL  
SHEET 7 OF 8

CONTRACT NO.	HSR 15-34
DRAWING NO.	GE-C0008A
SCALE	NONE
SHEET NO.	

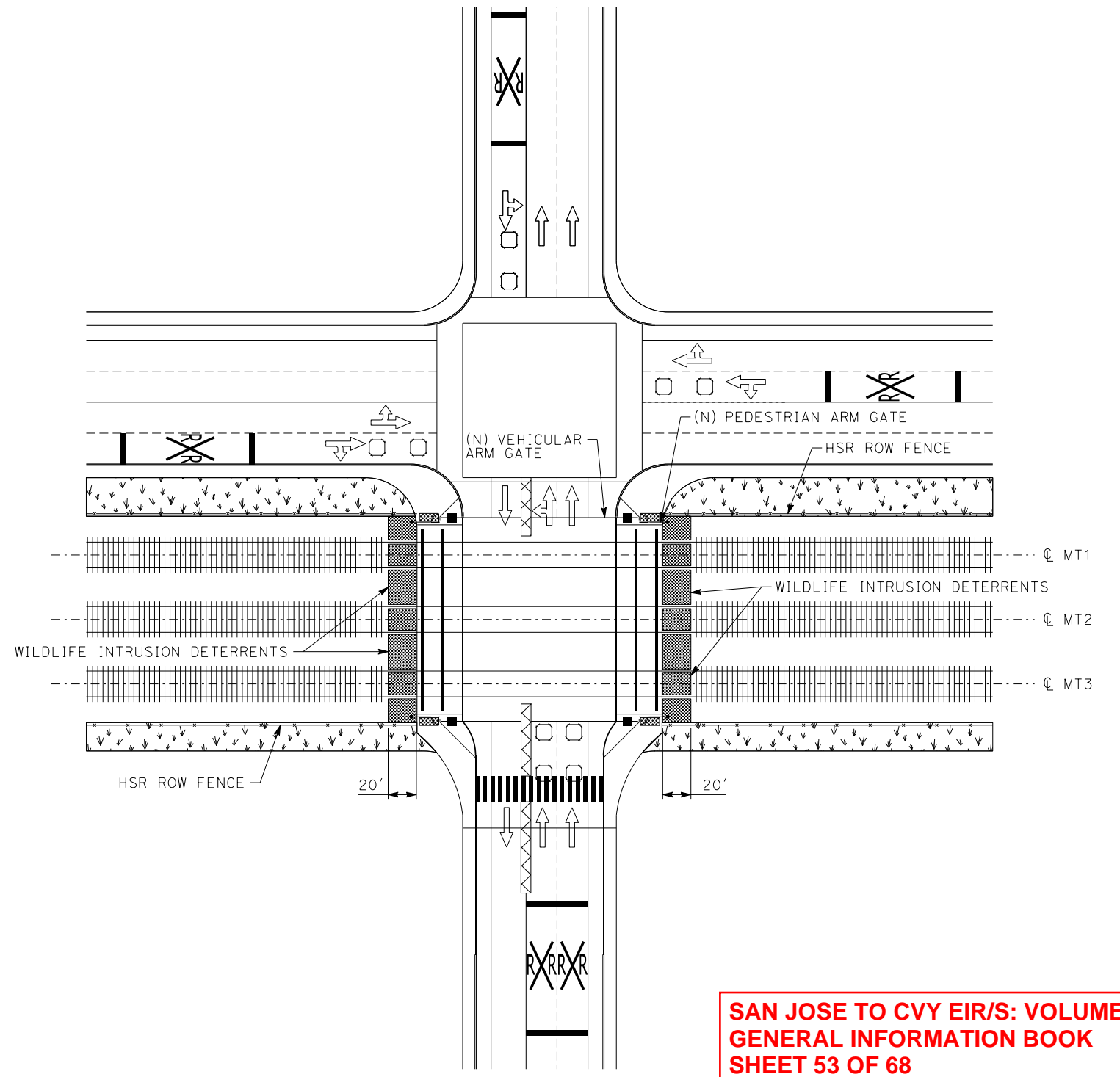
**NOTES:**

- INTRUSION DETERRENT PANELS WILL BE ROSEHILL RAIL ANTI-TRESPASS PANELS OR EQUIVALENT.
- BLANCHARD RD AND BLOOMFIELD RD HAVE SIMILAR CONFIGURATIONS. BLANCHARD RD CROSSES TRACKS MT1, MT2, AND MT3 VERSUS TWO MOWF TRACKS.



PLAN

WILDLIFE INTRUSION BARRIER FOR AT-GRADE CROSSINGS IMPROVEMENT AT BLOOMFIELD RD



PLAN

WILDLIFE INTRUSION BARRIER FOR AT-GRADE CROSSING IMPROVEMENTS AT PALM AVE & LIVE OAK AVE

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 53 OF 68**

10/22/2021 12:54:05 PM CAHSR.tbl cvd\_paf\_bw.plt c:\cadd\ib\pw\icarson\46037\_cahsr\dms21672\_um-ge-c0009.dgn

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
GENERAL  
WILDLIFE CROSSING DETAILS  
SHEET 8 OF 8

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-C0009
SCALE	NONE
SHEET NO.	



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Feature ID	Alt. 1	Alt. 2	Alt. 3	Alt. 4	Station	Max. Depth of Crossing Below Existing Grade (Feet)	Min. Width (Feet)	Min. Height (Feet)	Crossing Under Monterey (Feet, rounded to nearest foot)	U-section (Feet, rounded to nearest foot)	Crossing Under HSR (Feet, rounded to nearest foot)	U-section (Feet, rounded to nearest foot)	Crossing Under UPRR (Feet, rounded to nearest foot)
<b>Morgan Hill and Gilroy Subsection</b>													
CV0d	X		X		648+15	-17	30	8.1		108		6	75
CV0e	X		X		649+25	-19	40	8.6		111		6	72
CV0f	X		X		650+35	-18	30	9.1		113		8	68
F1	X		X		664+64	-4	40	9.1		109			
CV0a		X			739+75	-19	30	9.8	82	19	57	21	63
CV0b		X			740+00	-19	40	8.8	82	19	57	21	63
CV0c		X			740+25	-19	30	9.8	82	19	57	21	63
F2		X			754+36	-4	40	11	96	8	63	21	64
CV1		X			810+50	-25	40	15	74	16	57	13	81
CV2		X			873+00	-25	40	15	78	19	57	9	60
CV3		X			893+00	-12	5	5	78	19	57	9	60
D40		X			917+00	-25	40	15	78	20	57	20	63
D41		X			925+00	-12	5	5	78	17	57	18	74
D42		X			946+00	-12	5	5	78	13	57	15	94
CV4		X			1022+00	-25	40	15	78	13	57	14	77
CV5a				X	689+00	-20	30	11.1	79	10		75	
CV5b				X	689+50	-20	40	10.1	79	10		75	
CV5c				X	689+70	-20	30	11.1	79	10		75	
F4				X	704+00	-4	40	11.6	111	58		75	
CV6				X	760+00	-23	40	15	78	33		81	
CV7				X	822+50	-25	40	15			144		
CV8				X	843+50	-12	5	5	79	14		60	
CV9				X	862+00	-22	40	15	77	23		63	
CV10				X	874+50	-9	5	5	84	17		74	
CV11				X	901+50	-10	5	5	78	6		94	
CV12				X	971+50	-21	40	15	81	10		77	
CV13				X	1079+00	0	5	5				134	
<b>Pacheco Pass Subsection</b>													
RR1	X	X	X	X	4083+00	0	10	4.1			86		
RR3	X	X	X	X	4204+75	-0.7	10	4.1			86		
RR4	X	X	X	X	4224+50	0	10	4.1			101		
RR5	X	X	X	X	4238+33	0	10	4.1			101		
C7	X	X	X	X	4262+00	0	10	4.1			101		
C8	X	X	X	X	4280+00	0	10	4.1			101		
C9	X	X	X	X	4298+00	0	10	4.1			101		
C10	X	X	X	X	4331+00	0	10	4.1			101		
C11	X	X	X	X	4344+50	0	10	4.1			101		
C86	X	X	X	X	4357+60	0	10	4.1			101		
C13	X	X	X	X	4380+00	0	10	4.1			101		
C14	X	X	X	X	4388+00	0	10	4.1			101		
C15	X	X	X	X	4397+00	0	10	4.1			101		
C16	X	X	X	X	4419+00	0	10	4.1			101		
C17	X	X	X	X	4426+00	0	10	4.1			101		

**SAN JOSE TO CVY EIR/S: VOLUME III  
 GENERAL INFORMATION BOOK  
 SHEET 54 OF 68**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
 GENERAL  
 WILDLIFE CROSSING TABLES  
 SHEET 1 OF 3

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-C0010
SCALE	NONE
SHEET NO.	

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Feature ID	Alt. 1	Alt. 2	Alt. 3	Alt. 4	Station	Max. Depth of Crossing Below Existing Grade (Feet)	Min. Width (Feet)	Min. Height (Feet)	Crossing Under Monterey (Feet, rounded to nearest foot)	U-section (Feet, rounded to nearest foot)	Crossing Under HSR (Feet, rounded to nearest foot)	U-section (Feet, rounded to nearest foot)	Crossing Under UPRR (Feet, rounded to nearest foot)
C18	X	X	X	X	4431+50	0	10	4.1			101		
San Joaquin Valley Subsection													
C85	X	X	X	X	4494+00	0	10	3			73		
C84	X	X	X	X	4504+00	0	10	3			73		
C83	X	X	X	X	4515+50	0	10	3			73		
C19	X	X	X	X	4528+00	0	10	3			73		
C20	X	X	X	X	4536+00	0	10	3			73		
C21	X	X	X	X	4627+00	0	10	3			73		
C22	X	X	X	X	4639+00	0	10	3			73		
C82	X	X	X	X	4650+00	-1.7	10	3			71		
HM1	X	X	X	X	HMR 25+00	0	10	3			73		
HM2	X	X	X	X	HMR 48+00	0	10	3			73		
D43	X	X	X	X	4668+00	-2.5	10	3			55		
D44	X	X	X	X	4676+00	-2	10	3			59		
C24	X	X	X	X	4686+60	0	10	3			73		
C25	X	X	X	X	4697+70	0	10	3			73		
C79	X	X	X	X	4706+00	0	10	3			73		
C26	X	X	X	X	4713+30	0	10	3			73		
C27	X	X	X	X	4775+30	0	10	3			73		
C28	X	X	X	X	4784+00	0	10	3			73		
C78	X	X	X	X	4790+48	0	10	3			73		
C29	X	X	X	X	4797+00	0	10	3			73		
C77	X	X	X	X	4804+57	0	10	3			73		
C30	X	X	X	X	4811+00	0	10	3			73		
C31	X	X	X	X	4817+00	0	10	3			73		
C32	X	X	X	X	4823+71	0	10	3			73		
C76	X	X	X	X	4829+66	0	10	3			73		
C33	X	X	X	X	4838+37	0	10	3			73		
C34	X	X	X	X	4848+00	0	10	3			73		
C75	X	X	X	X	4854+54	0	10	3			73		
C35	X	X	X	X	4863+66	-0.5	10	3			73		
C74	X	X	X	X	4871+52	-1.2	10	3			73		
C36	X	X	X	X	4880+00	-2.1	10	3			71		
C73	X	X	X	X	4893+80	-1.5	10	3			71		
C37	X	X	X	X	4898+85	-1.8	10	3			71		
D45	X	X	X	X	4909+00	-1.5	10	3			71		
D46	X	X	X	X	4928+00	0	10	3			73		
C40	X	X	X	X	4932+24	0	10	3			73		
C41	X	X	X	X	4941+52	0	10	3			73		
C43	X	X	X	X	5054+30	0	10	3			73		
C44	X	X	X	X	5065+45	0	10	3			73		
C71	X	X	X	X	5075+39	0	10	3			73		
C70	X	X	X	X	5082+50	-1.3	10	3			73		
C69	X	X	X	X	5092+00	-0.2	10	3			73		

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 55 OF 68**

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 Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED

GENERAL  
WILDLIFE CROSSING TABLES  
SHEET 2 OF 3

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-C0011
SCALE	NONE
SHEET NO.	



10/22/2021 12:54:52 PM CAHSRP.tbl cvd\_paf\_bw.plt cfd c:\cadd\lib\pww\icar-son\46037\_cahsr\dms21672\JM-GE-C0012.dgn

Feature ID	Alt. 1	Alt. 2	Alt. 3	Alt. 4	Station	Max. Depth of Crossing Below Existing Grade (Feet)	Min. Width (Feet)	Min. Height (Feet)	Crossing Under Monterey (Feet, rounded to nearest foot)	U-section (Feet, rounded to nearest foot)	Crossing Under HSR (Feet, rounded to nearest foot)	U-section (Feet, rounded to nearest foot)	Crossing Under UPRR (Feet, rounded to nearest foot)
C46	X	X	X	X	5103+00	-1.3	10	3			73		
C68	X	X	X	X	5109+50	-1.5	10	3			69		
C47	X	X	X	X	5118+20	0	10	3			73		
C67	X	X	X	X	5125+60	0	10	3			73		
C48	X	X	X	X	5133+79	0	10	3			73		
C49	X	X	X	X	5144+72	0	10	3			73		
C66	X	X	X	X	5152+70	-0.4	10	3			73		
C65	X	X	X	X	5164+59	0	10	3			73		
C50	X	X	X	X	5174+00	-0.3	10	3			73		
C51	X	X	X	X	5189+34	0	10	3			73		
C52	X	X	X	X	5194+00	0	10	3			73		
C53	X	X	X	X	5220+85	-0.4	10	3			73		
C54	X	X	X	X	5227+00	0	10	3			73		
C64	X	X	X	X	5235+72	0	10	3			73		
C63	X	X	X	X	5247+48	-0.9	10	3			73		
C62	X	X	X	X	5276+80	0	10	3			73		
C61	X	X	X	X	5288+00	-0.4	10	3			73		
D47	X	X	X	X	5299+00	-0.8	10	3			73		
C56	X	X	X	X	5313+00	-0.2	10	3			73		
C60	X	X	X	X	5323+50	0	10	3			73		
C59	X	X	X	X	5331+00	-1.6	10	3			71		

Proposed Locations for Type L Concrete Barrier Wildlife Passageway Breaks.				
Feature ID (Design Changes.kmz)	Alt. 1	Alt. 2	Alt. 3	Updated Station Location (Under Alt. 1)
TypeL_1	X		X	639+00
TypeL_2	X		X	651+50
TypeL_3	X		X	665+00
TypeL_4	X		X	689+50
TypeL_5	X		X	707+00
TypeL_8	X		X	766+60
TypeL_9	X		X	771+60
TypeL_10	X		X	786+00
TypeL_11	X		X	797+50
TypeL_12	X		X	808+60
TypeL_13	X		X	835+00
TypeL_14	X		X	858+70
TypeL_15	X		X	864+80
TypeL_16	X		X	823+50

**SAN JOSE TO CVY EIR/S: VOLUME III  
 GENERAL INFORMATION BOOK  
 SHEET 56 OF 68**

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

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9th Floor  
Oakland, CA 94607

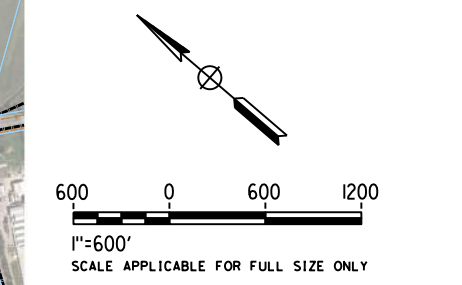
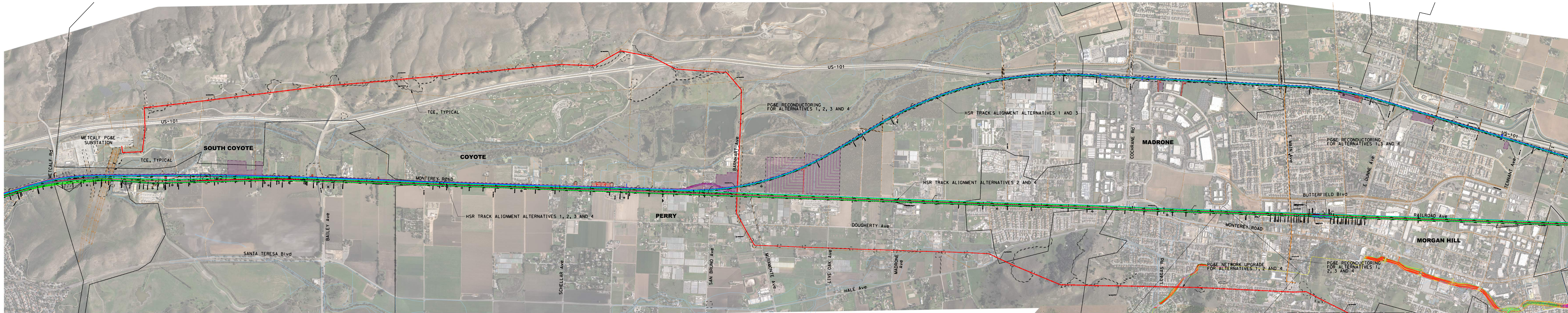


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
 GENERAL  
 WILDLIFE CROSSING TABLES  
 SHEET 3 OF 3

CONTRACT NO. HSR15-34
DRAWING NO. GE-C0012
SCALE NONE
SHEET NO.



NOTE:  
FINAL DESIGNER TO COORDINATE AND CONFIRM DESIGN WITH PG&E.



PLAN  
SCALE: 1"=600'

MATCH LINE SEE GE-F0002

**SAN JOSE TO CVY EIR/S: VOLUME III**  
**GENERAL INFORMATION BOOK**  
**SHEET 57 OF 68**

2021 RECORD SET PERP  
NOVEMBER 30, 2021  
NOT FOR CONSTRUCTION



1111 Broadway  
9th Floor  
Oakland, CA 94607

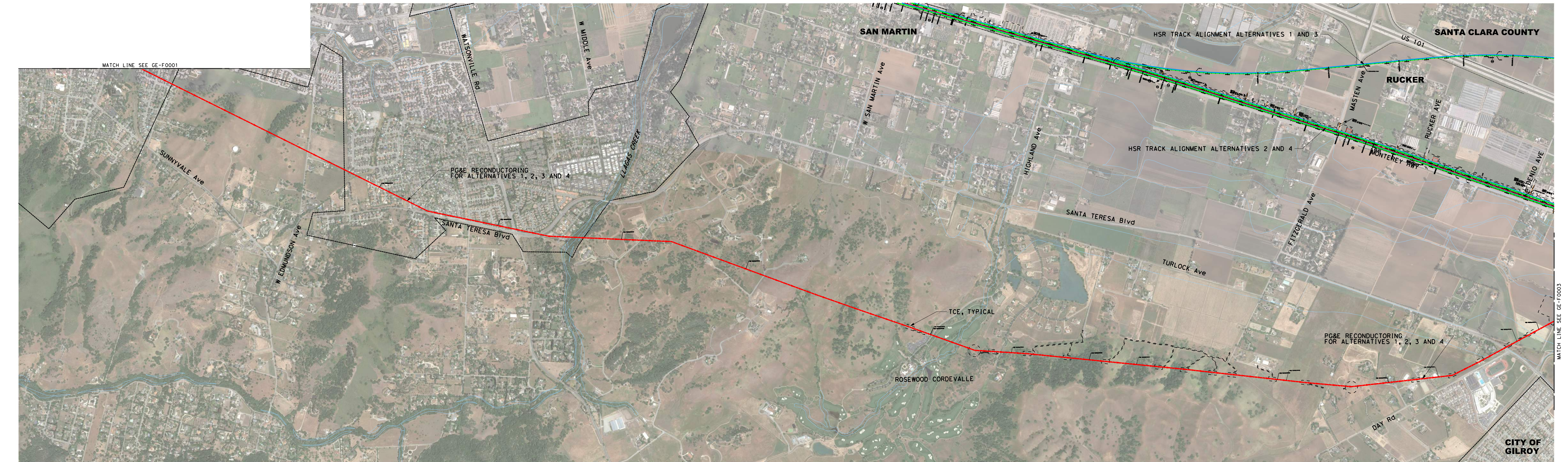


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
GENERAL SYSTEMS  
PG&E UPGRADE  
SHEET 1 OF 6

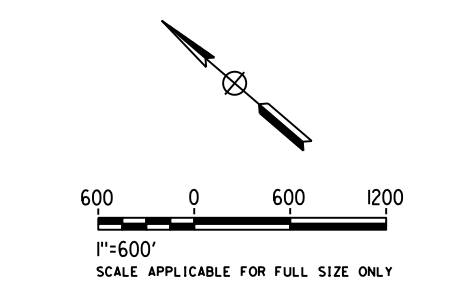
CONTRACT NO. HSR15-34  
GRAPHIC NO. GE-F0001  
SCALE AS SHOWN  
SHEET NO.



NOTE:  
FINAL DESIGNER TO COORDINATE AND CONFIRM DESIGN WITH PG&E.



**PLAN**  
SCALE: 1"=600'



**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 58 OF 68**

2021 RECORD SET PERP  
NOVEMBER 30, 2021  
NOT FOR CONSTRUCTION



1111 Broadway  
9th Floor  
Oakland, CA 94607



**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**  
GENERAL SYSTEMS  
PG&E UPGRADE  
SHEET 2 OF 6

CONTRACT NO. HSR15-34  
DRAWING NO. GE-F0002  
SCALE: AS SHOWN  
SHEET NO.

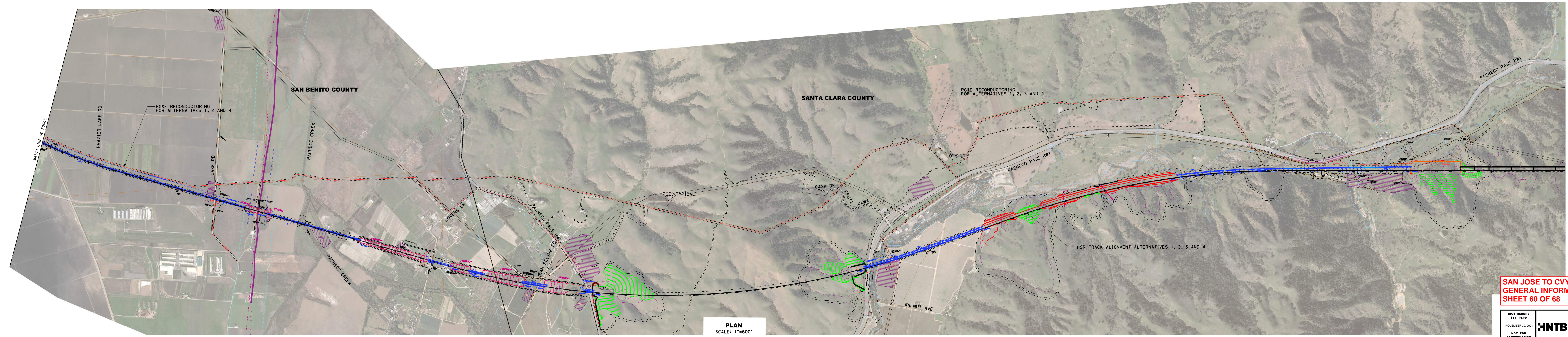
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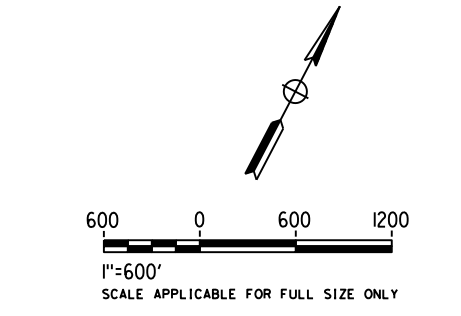


NOTE:  
FINAL DESIGNER TO COORDINATE AND CONFIRM DESIGN WITH PG&E.



**PLAN**  
SCALE: 1"=600'

**SAN JOSE TO CVY EIR/S: VOLUME III**  
**GENERAL INFORMATION BOOK**  
**SHEET 60 OF 68**



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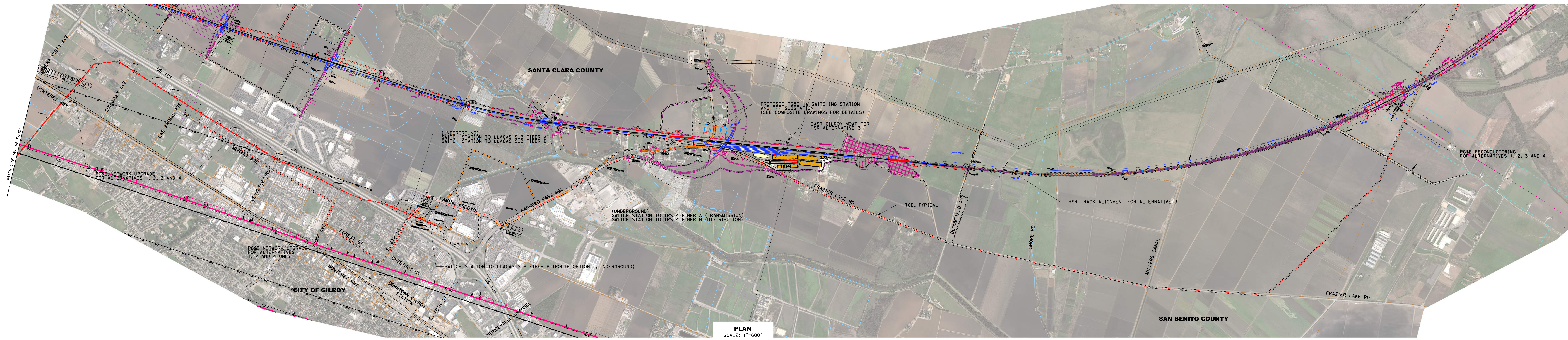
2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>SAN JOSE TO MERCED</b> GENERAL SYSTEMS PG&E UPGRADE SHEET 4 OF 6	CONTRACT NO. HSR15-34 DRAWING NO. GE-F0004 SCALE AS SHOWN SHEET NO.
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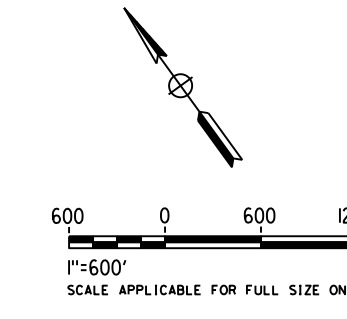




NOTE:  
FINAL DESIGNER TO COORDINATE AND CONFIRM DESIGN WITH PG&E.



**PLAN**  
SCALE: 1"=600'



**SAN JOSE TO CVY EIR/S: VOLUME III**  
**GENERAL INFORMATION BOOK**  
**SHEET 62 OF 68**

2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	<b>HNTB</b> 1111 Broadway 9th Floor Oakland, CA 94607		<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>SAN JOSE TO MERCED</b> GENERAL SYSTEMS PG&E UPGRADE SHEET 6 OF 6	CONTRACT NO. HSR15-34 DRAWING NO. CE-F0006 SCALE AS SHOWN SHEET NO.
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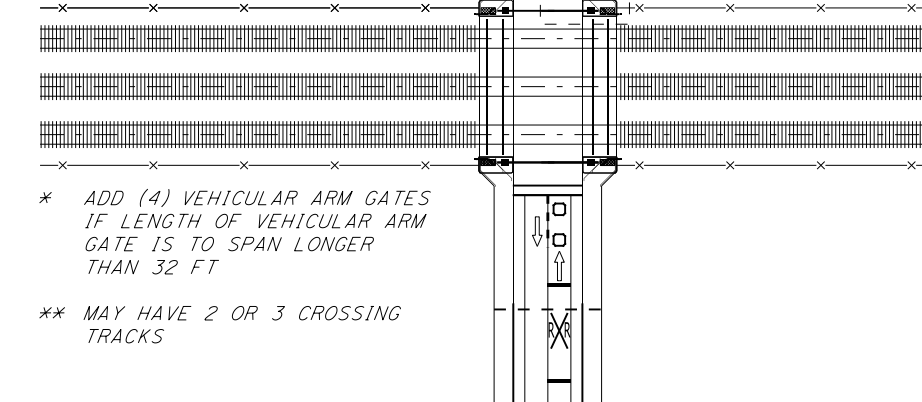
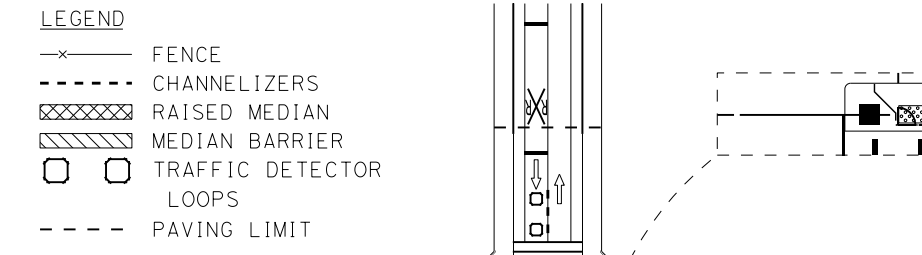
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**APPLICATION A**

- IMPROVEMENTS:**  
 - ADD (2) VEHICULAR ARM GATES  
 - ADD CHANNELIZERS ON CROSSING LANES  
 - ADD (4) PEDESTRIAN ARM GATES  
 - ADD (4) PEDESTRIAN SWING GATES

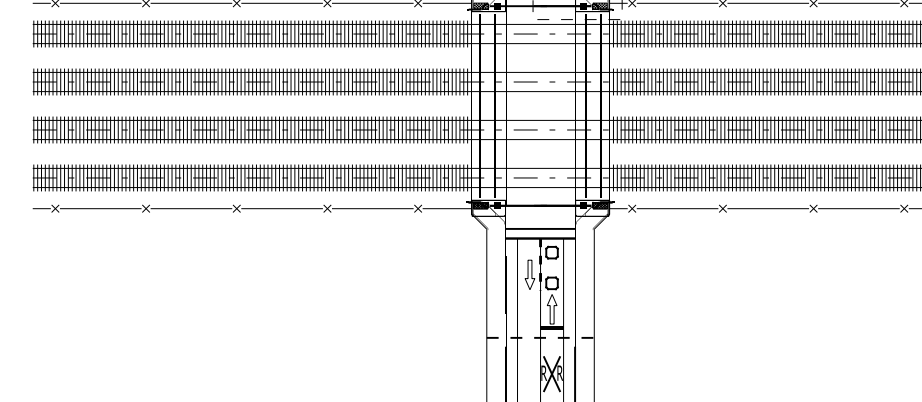
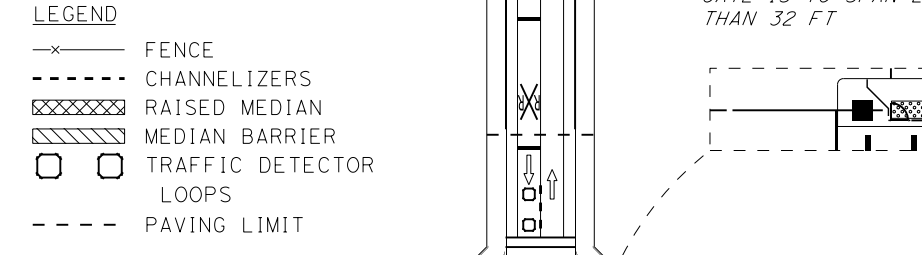
- EXISTING:**  
 - (2) VEHICULAR ARM GATES  
 - (2)-(4) CROSSING LANES  
 - (2) OVERHEAD SIGNALS - WHERE PRESENT



**APPLICATION A1**

- IMPROVEMENTS:**  
 - ADD (2) VEHICULAR ARM GATES  
 - ADD CHANNELIZERS ON CROSSING LANES  
 - ADD (4) PEDESTRIAN ARM GATES  
 - ADD (4) PEDESTRIAN SWING GATES

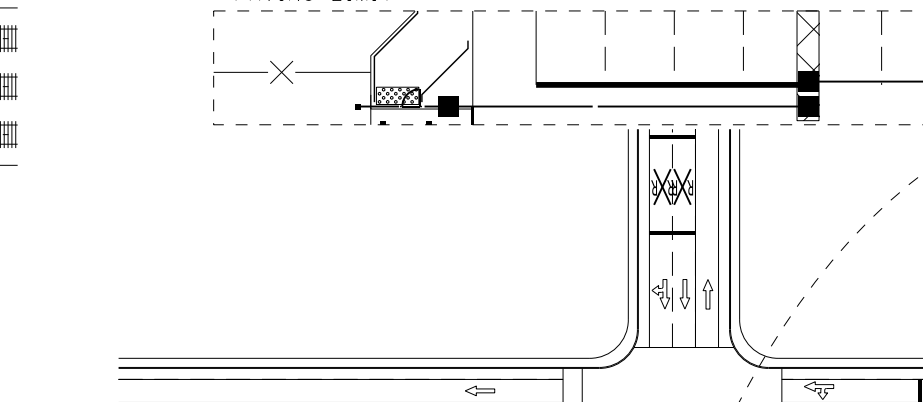
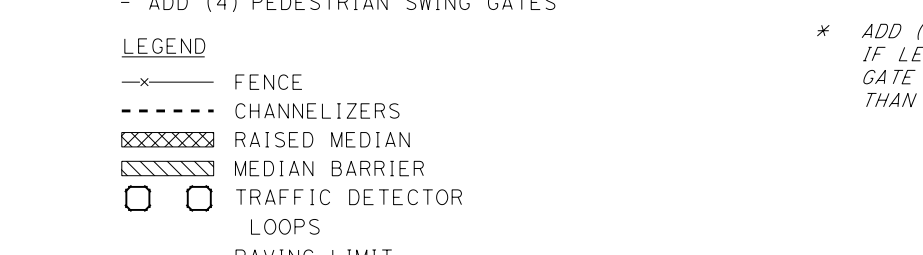
- EXISTING:**  
 - (2) VEHICULAR ARM GATES  
 - (2)-(5) CROSSING LANES



**APPLICATION B**

- IMPROVEMENTS:**  
 - ADD (4) VEHICULAR ARM GATES  
 - ADD 50' RAISED MEDIAN ON CROSSING STREET OR EXTEND (E) RAISED MEDIAN ON CROSSING STREET  
 - ADD (4) PEDESTRIAN ARM GATES  
 - ADD (4) PEDESTRIAN SWING GATES

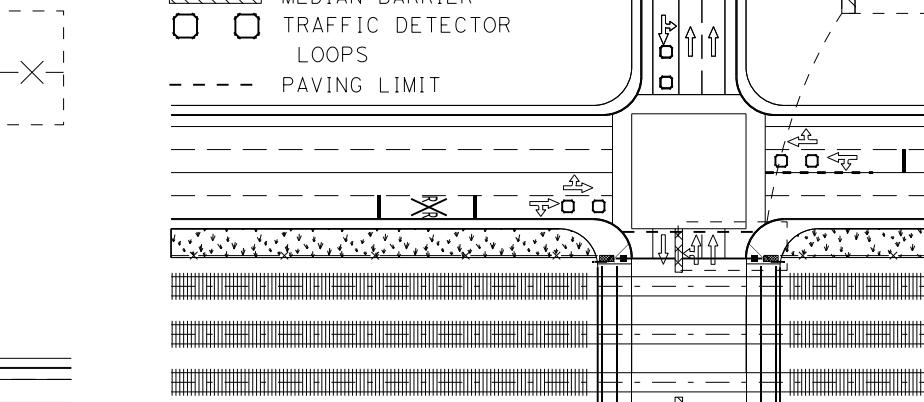
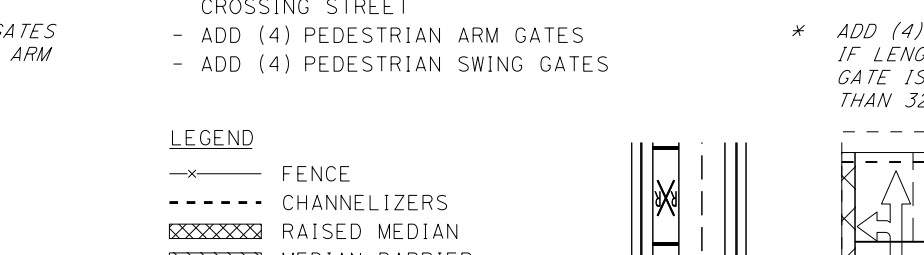
- EXISTING:**  
 - (4) VEHICULAR ARM GATES  
 - (6) CROSSING LANES  
 - (2)-(6) ADJACENT LANES  
 - (4) OVERHEAD SIGNALS



**APPLICATION C**

- IMPROVEMENTS:**  
 - ADD (2) VEHICULAR ARM GATES  
 - ADD CHANNELIZERS ON ADJACENT STREETS WHERE NO MEDIAN EXISTING  
 - ADD 50' RAISED MEDIAN ON CROSSING STREET OR EXTEND (E) RAISED MEDIAN ON CROSSING STREET  
 - ADD (4) PEDESTRIAN ARM GATES  
 - ADD (4) PEDESTRIAN SWING GATES

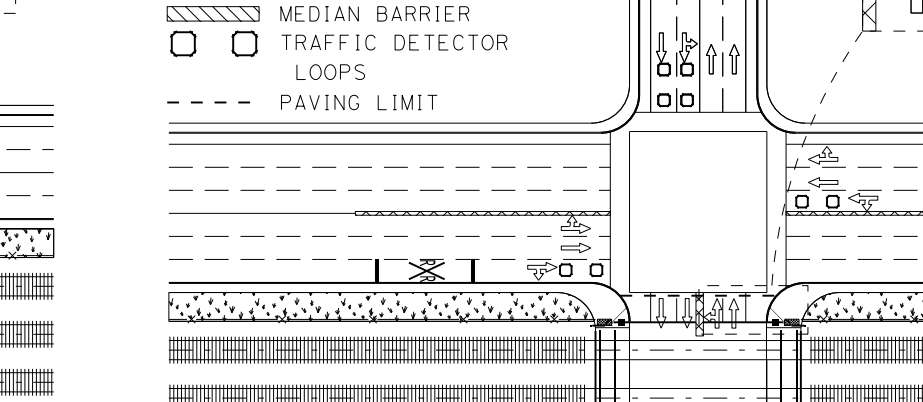
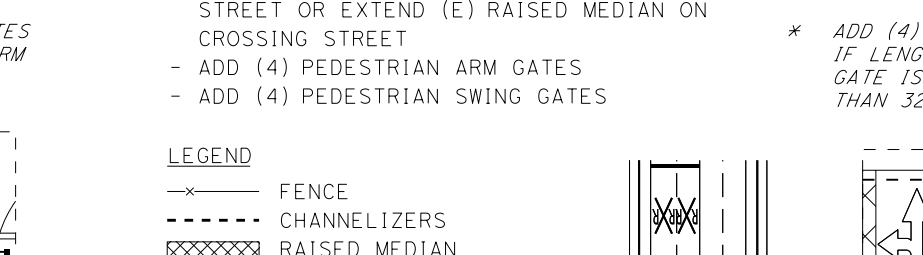
- EXISTING:**  
 - (2) VEHICULAR ARM GATES  
 - (2)-(3) CROSSING LANES  
 - (2)-(6) ADJACENT LANES  
 - (2) OVERHEAD SIGNALS



**APPLICATION C1**

- IMPROVEMENTS:**  
 - ADD (2) VEHICULAR ARM GATES  
 - ADD CHANNELIZERS ON ADJACENT STREETS WHERE NO MEDIAN EXISTING  
 - ADD 50' RAISED MEDIAN ON CROSSING STREET OR EXTEND (E) RAISED MEDIAN ON CROSSING STREET  
 - ADD (4) PEDESTRIAN ARM GATES  
 - ADD (4) PEDESTRIAN SWING GATES

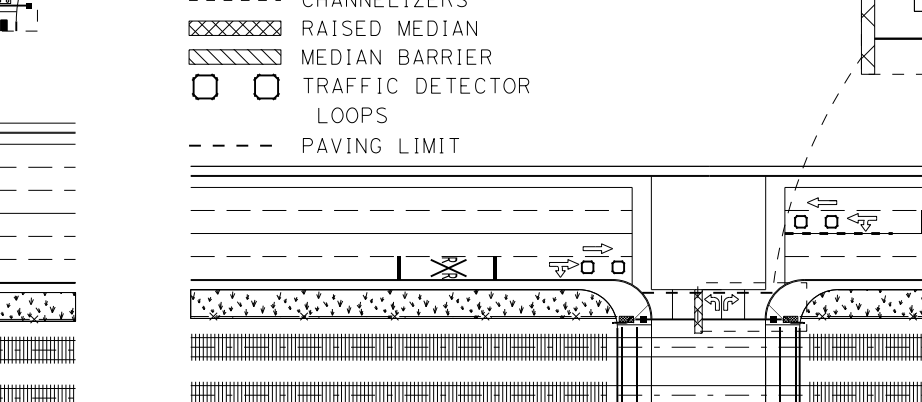
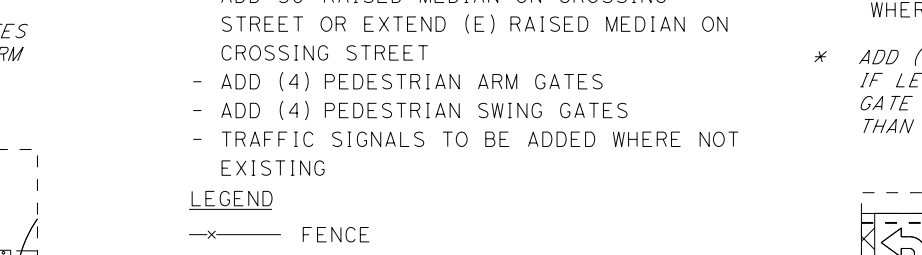
- EXISTING:**  
 - (2) VEHICULAR ARM GATES  
 - (2)-(7) CROSSING LANES  
 - (5)-(8) ADJACENT LANES  
 - (4) OVERHEAD SIGNALS



**APPLICATION C2**

- IMPROVEMENTS:**  
 - ADD (2) VEHICULAR ARM GATES  
 - ADD CHANNELIZERS ON ADJACENT STREETS WHERE NO MEDIAN EXISTING  
 - ADD 50' RAISED MEDIAN ON CROSSING STREET OR EXTEND (E) RAISED MEDIAN ON CROSSING STREET  
 - ADD (4) PEDESTRIAN ARM GATES  
 - ADD (4) PEDESTRIAN SWING GATES  
 - TRAFFIC SIGNALS TO BE ADDED WHERE NOT EXISTING

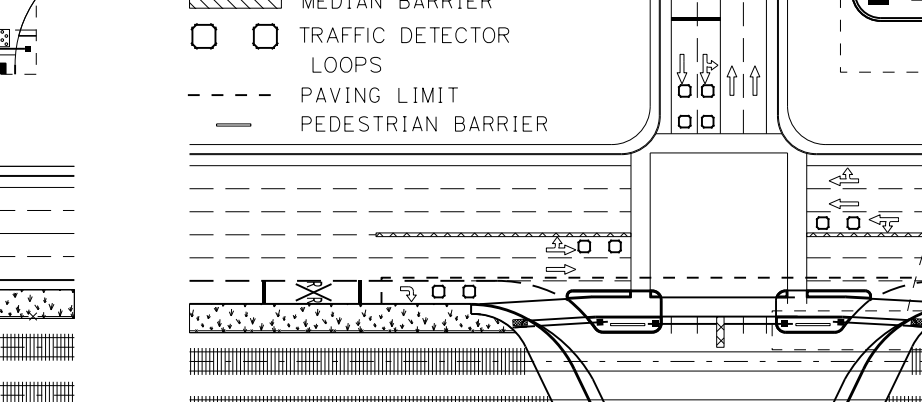
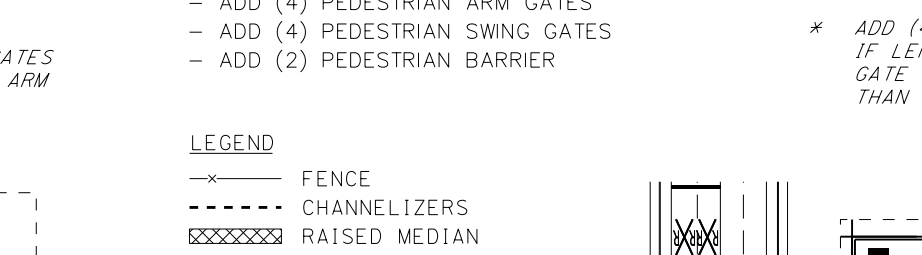
- EXISTING:**  
 - (2) VEHICULAR ARM GATES  
 - (2)-(3) CROSSING LANES  
 - (2)-(6) ADJACENT LANES  
 - (2)-(3) OVERHEAD SIGNALS - WHERE PRESENT



**APPLICATION C2**

- IMPROVEMENTS:**  
 - ADD (4) VEHICULAR ARM GATES  
 - ADD 50' RAISED MEDIAN ON CROSSING STREET OR EXTEND (E) RAISED MEDIAN ON CROSSING STREET  
 - ADD (4) PEDESTRIAN ARM GATES  
 - ADD (4) PEDESTRIAN SWING GATES  
 - ADD (2) PEDESTRIAN BARRIER

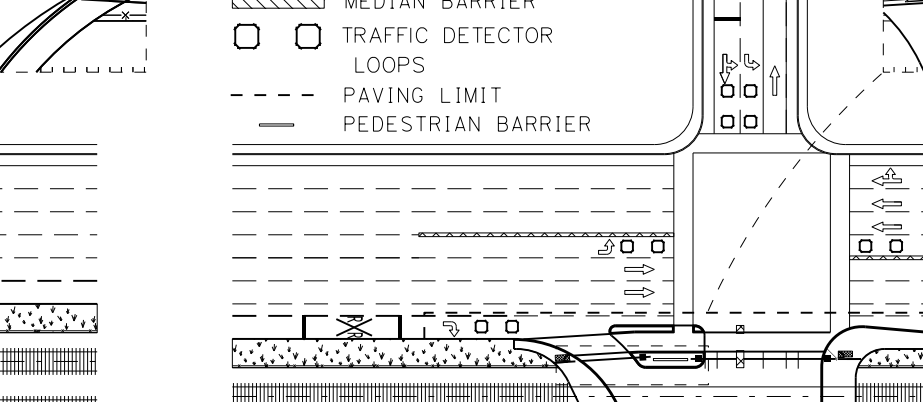
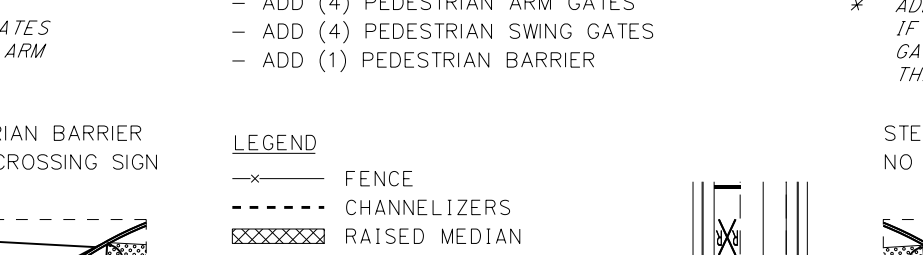
- EXISTING:**  
 - (4) VEHICULAR ARM GATES  
 - (4) CROSSING LANES  
 - (7)-(8) ADJACENT LANES  
 - (4) OVERHEAD SIGNALS



**APPLICATION D1**

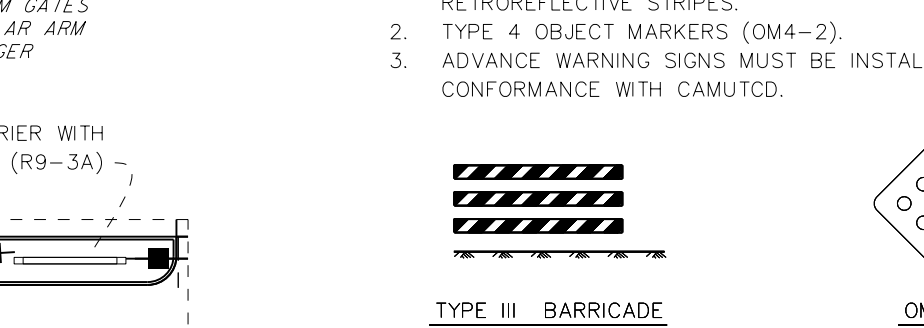
- IMPROVEMENTS:**  
 - ADD (3) VEHICULAR ARM GATES  
 - ADD 50' RAISED MEDIAN ON CROSSING STREET OR EXTEND (E) RAISED MEDIAN ON CROSSING STREET  
 - ADD (4) PEDESTRIAN ARM GATES  
 - ADD (4) PEDESTRIAN SWING GATES  
 - ADD (1) PEDESTRIAN BARRIER

- EXISTING:**  
 - (4) VEHICULAR ARM GATES  
 - (4) CROSSING LANES  
 - (7) ADJACENT LANES  
 - (4) OVERHEAD SIGNALS



**ROAD CLOSURE APPLICATION 1**

- NOTES:**  
 1. TYPE III BARRICADES (A73C) WITH RED AND WHITE RETROREFLECTIVE STRIPES  
 2. TYPE 4 OBJECT MARKERS (OM4-2)  
 3. ADVANCE WARNING SIGNS MUST BE INSTALLED IN CONFORMANCE WITH CAMUTCD.



ONLY FACE OF RAILS SHOWN. BARRICADE CONSTRUCTION MATERIALS AND SUPPORTS AS SPECIFIED IN THE SPECIFICATIONS.

Station	Grade Crossing	No. of Lanes				Crossing	Street Width	ROW Width	Median Width	Proximity of Side Streets	Proximity of Driveway	Proximity of Buildings	Street Designation	City	Improvements																
		EB	WB	NB	SB										Vehcle Gates	Ped Gates	Tracks	Max Fill Depth	Median Width	Sidewalk Width	New ROW	Footprint	Intrusion Deterrant	Raise Tracks	Add1 ROW	Appln	Crossing Lanes	Adjacent Lanes	TOR Elevation	Install New Signal	
B3114+00	Auzerais Ave	1	1			2	38	60	0	156	32	28	Collector	San Jose	4	4	3	1.77	0	10	60	73	Yes	0.137	0	A	2			102.12	No
B3122+16	W Virginia St	1	1			2	38	60	0	206	54	53	Residential	San Jose	4	4	3	1.3	0	10	60	71	Yes	1.028	0	A	2			107.60	No
B402+09	Skyway Dr			2	2	2	70	90	0	51	276	28	Arterial	San Jose	8	4	3	0.35	14	12	100	103	Yes	0	10	D	4	7		180.32	No
B429+39	Branham Ln			3	2	2	84	104	9	49	111	16	Arterial	San Jose	8	4	3	1.35	9	12	110	121	Yes	0	6	D	5	7-8		183.21	No
B472+80	Chynoweth Ave			3	2	2	80	106	9	143	203	37	Arterial	San Jose	8	4	3	1.46	9	12	106	118	Yes	0	0	D1	5	7		186.18	No
B723+84	Blanchard Rd	1	1			2	32	N/A	0	88	92	270	Collector	San Jose	4	4	3	0.74	0	10	60	63	Yes	0.158	60	A	2			259.11	No
B887+68	Palm Ave	1	1			1	25	75	0	57	116	48	Collector	San Jose	4	4	3	1.53	0	10	75	59	Yes	0	0	C	2	5		306.15	No
B965+37	Live Oak Ave	1	1			1	24	75	0	52	170	27	Collector	San Jose	4	4	3	1.93	0	10	75	60	Yes	0	0	C2	2	5		334.56	No
B1023+27	Tilton Ave			2	1	1	50	60	0	52	269	99	Collector	Morgan Hill	4	4	3	0.84	0	10	75	81	Yes	0	15	C2	3	6		346.65	No
B1133+68	Main Ave			1	1	1	56	90	12	145	51	41	Arterial	Morgan Hill	8	4	3	1.11	12	10	90	88	Yes	0	0	A	2			354.86	No
B1158+00	E Dunne Ave	2	2			1	80	90	16	136		22	Arterial	Morgan Hill	8	4	3	1.03	16	10	105	112	Yes	0	15	A	4			349.33	No
B1174+90	San Pedro Ave	1	1			1	36	60	0		164	67	Collector	Morgan Hill	4	4	3	1.19	0	10	60	69	Yes	0	0	A	2			344.76	No
B1209+00	Tennant Ave	2	2			2	88	108	16		132	53	Arterial	Morgan Hill	8	4	3	0.56	16	10	108	118	Yes	0	0	A	4			333.77	No
B1277+80	E Middle Ave	1	1			2	24	66	0	165	261	69	Collector	Morgan Hill	4	4	3	0.89	0	10	66	56	Yes	0.662	0	A	2			315.07	No
B1344+40	E San Martin Ave	2	4			1	82	80	10	53		86	Arterial	Santa Clara County	8	4	3	0.82	10	10	105	113	Yes	0	25	B	6	2,6		291.10	No
B1413+69	Church Ave	1	1			1	24	60	0	46		25	Collector	Santa Clara County	4	4	3	1.93	0	10	60	60	Yes	0	0	C2	2	4		264.07	Yes
B1459+92	Masten Ave	1	2			1	42	66	0	36			Collector	Santa Clara County	4	4	3	0.64	0	10	66	73	Yes	0	0	C1	3	7		248.47	No
B1482+89	Rucker Ave	1	1			1	26	80	0	42			Collector	Santa Clara County	4	4	3	2.05	0	10	80	62	Yes	0	0	C2	2	5		240.78	Yes
B1517+84	Buena Vista Ave	1	1			1	24	50	0	42	96	55	Collector	Gilroy	4	4	3	1.75	0	10	50	59	Yes	0	0	C2	2	5		230.45	Yes
B1544+80	Cohansey Ave	1	1			1	24	66	0	42	167	70	Collector	Gilroy	4	4	3	2.6	0	10	66	62	Yes	0	0	C2	2	5		223.04	Yes
B1564+65	Las Animas Ave	1	2			1	50	66	5	39	238	157	Collector	Gilroy	8	4	3	0.75	8	10	75	81	Yes	0	9	C	3	6		217.71	No
B1605+00	Leavesley Rd	3	4			1	90	120	12	27	146	40	Arterial	Gilroy	8	4	3	1.53	12	11	120	126	Yes	0	0	C1	7	5		208.00	No
B1631+22	loof Ave	1	1			1	36	60	0	232	111	118	Collector	Gilroy	4	4	3	0.64	0	10	60	67	Yes	0	0	A	2			202.20	No
B1643+17	Lewis St	1	1			1	36	60	0	91	19	24	Residential	Gilroy	4	4	3	1.5	0	10	60	70	Yes	0	0	A	2			200.35	No
B1649+17	Martin St	1	1			2	36	60	0	91	33	45	Residential	Gilroy	4	4	3	1.26	0	10	60	69	Yes	0	0	A	2			200.68	No
B1654+12	E 6th St	1	1			2	40	66	0	79	7	20	Collector	Gilroy	4	4	3	0.52	0	10	66	70	Yes	0	0	A	2			200.00	No
B1679+25	E 10th St	2	3			2	72	84	10	240	66	30	Arterial	Gilroy	8	4	4	1.07	10	11	100	106	Yes	0	16	A1	5	4		199.10	No
B1715+30	E Luchessa Ave	1	1			1	50	86	0	203	98	111	Collector	Gilroy	4	4	4	4.08	0	10	86	94	Yes	0	0	A1	2			190.55	No
55+30	Bloomfield Ave			1	1	1	24	60	0	76	189	89	Residential	Gilroy	4	4	2	0.57	0	10	60	54	Yes	0	0	A	2			170.13	No

- NOTES AND ASSUMPTIONS:**
- ALL EXISTING STREET WIDTHS, MEASURED FROM GOOGLE EARTH, ARE EITHER EP OR CURB-TO-CURB MEASUREMENTS.
  - RIGHT OF WAY WIDTH MEASURED FROM "SANTACLARA PARCELS OWNERSHIP\_WITHINSDWG\_SHP.DWG" CAD FILE.
  - DAYLIGHT WIDTH IS THE TOTAL WIDTH OF IMPROVEMENTS INCLUDING MEDIAN, STREET LANES CURB TO CURB, 10'-12' SIDEWALKS, 2' BUFFER, 2:1 SLOPE TO EXISTING GRADE, 2' BUFFER.
  - PAVING LIMITS SHOWN ARE APPROXIMATE. ACTUAL PAVING LIMITS WILL DEPEND ON FINISH GRADE PROFILES.
  - ALL CROSSING GATE EQUIPMENT SHALL BE MINIMUM 10' CLEAR OF TRACKS.
  - THE DETAILS PROVIDED INDICATE TYPICAL APPLICATIONS, NOT A DESIGN CRITERIA. IF SPECIFIC SITE CONDITIONS PRECLUDE USE OF A DETAIL, ADDITIONAL MEASURE MAY BE DEEMED NECESSARY FOR SAFE OPERATION.

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**SAN JOSE TO CVY EIR/S: VOLUME III  
 GENERAL INFORMATION BOOK  
 SHEET 63 OF 68**

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**  
 GENERAL SCHEDULE OF QUAD GATES

CONTRACT NO. HSR15-34  
 DRAWING NO. GE-R0001  
 SCALE: NONE  
 SHEET NO.



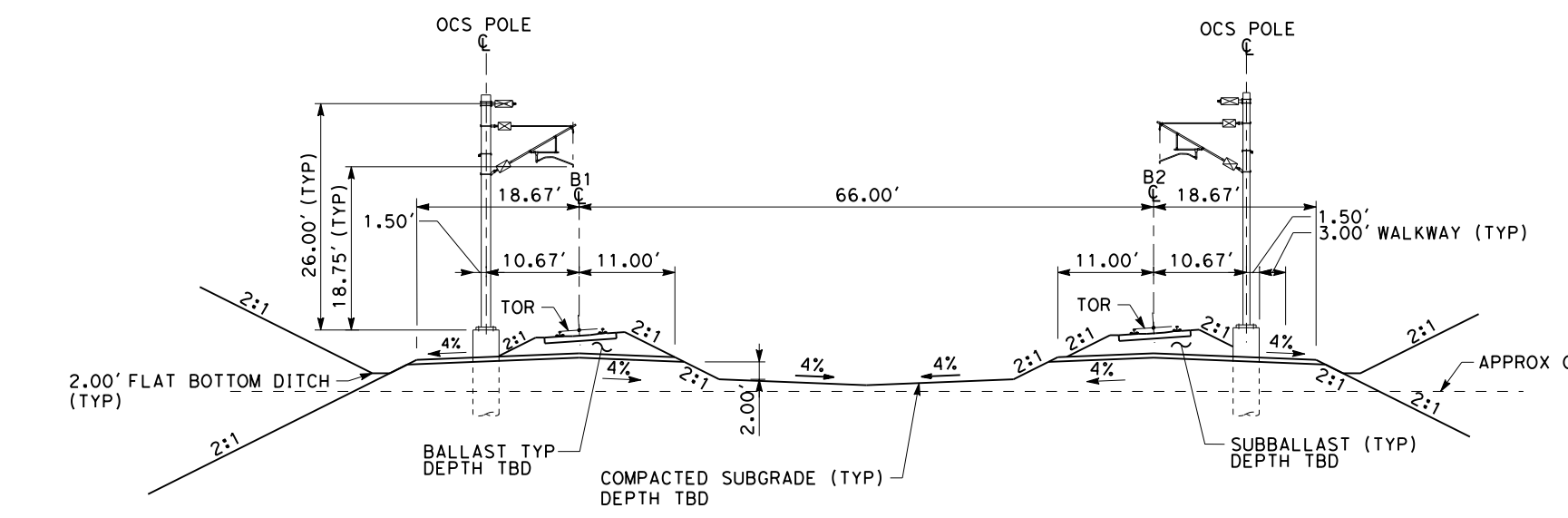




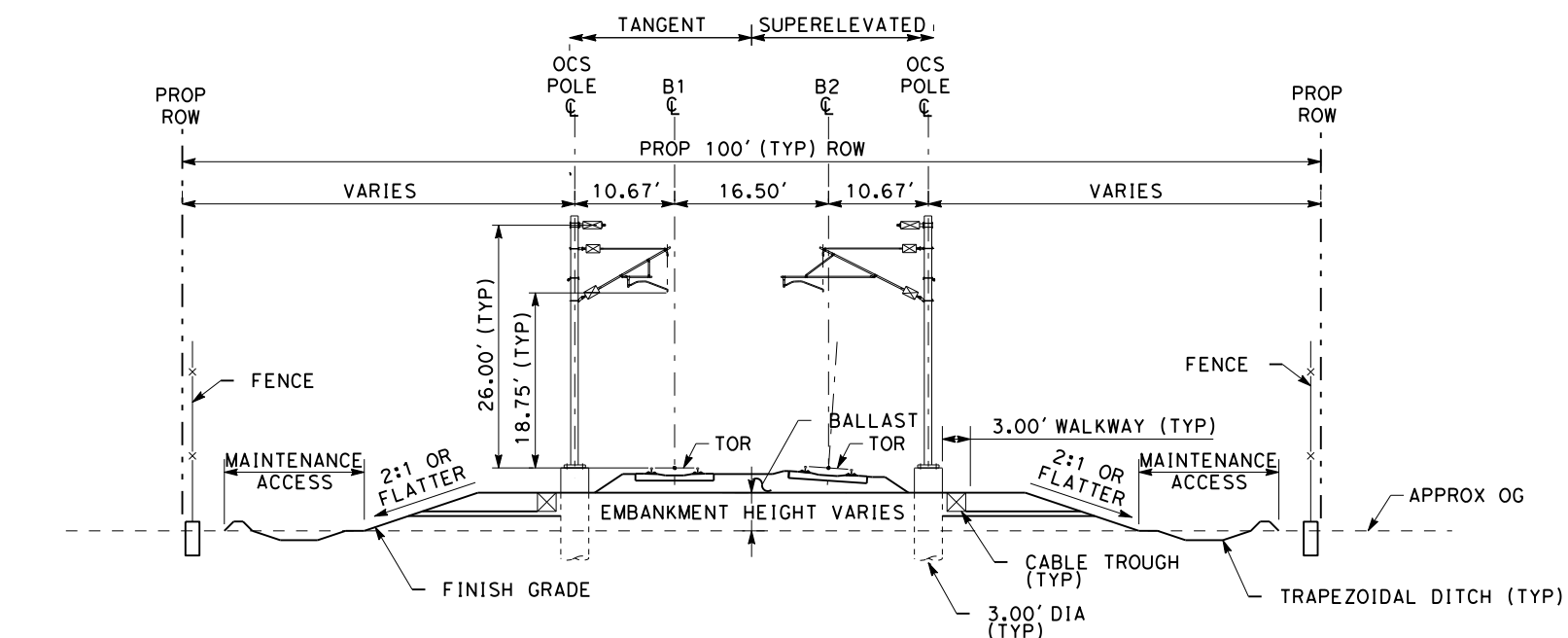




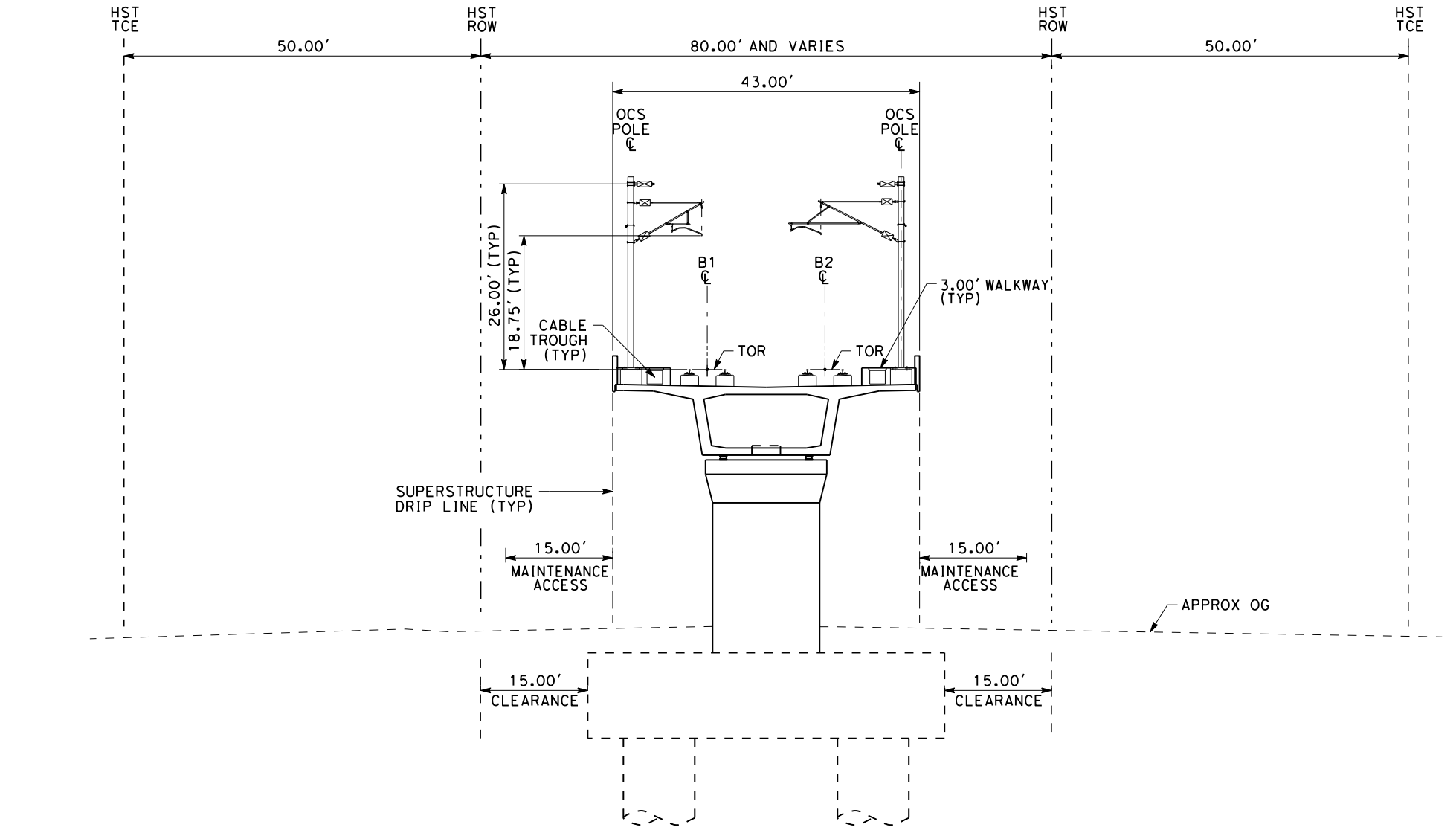
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**AT GRADE TRACK BED DETAIL**

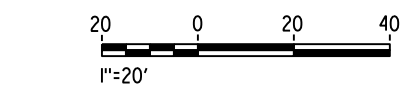


**AT GRADE TYPICAL SECTION**



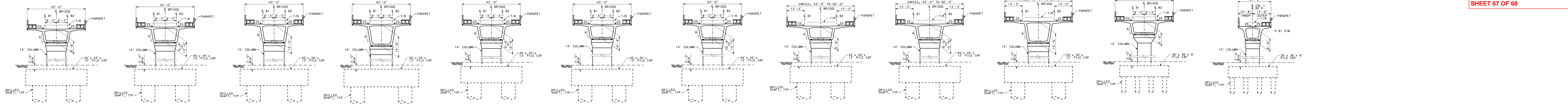
**VIADUCT TYPICAL SECTION**

**SAN JOSE TO CVY EIR/S: VOLUME III  
 GENERAL INFORMATION BOOK  
 SHEET 66 OF 68**

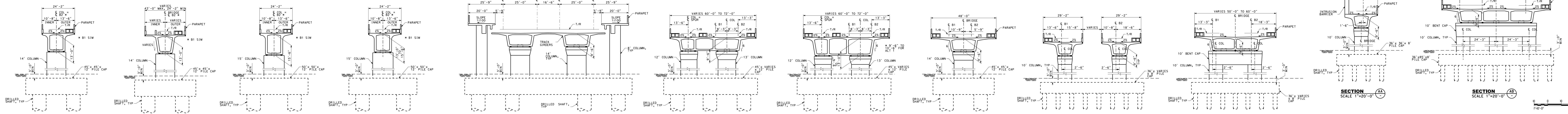


2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	<b>HNTB</b> 1111 Broadway 9th Floor Oakland, CA 94607	 <b>CALIFORNIA</b> High-Speed Rail Authority	<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT          SAN JOSE TO MERCED</b> GENERAL TYPICAL SECTIONS SHEET 3 OF 3	CONTRACT NO. HSR15-34 DRAWING NO. TT-Y0003 SCALE: 1"=20'-0" SHEET NO.
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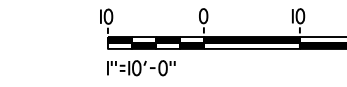




**SECTION A** SCALE 1"=20'-0"  
**SECTION B** SCALE 1"=20'-0"  
**SECTION C** SCALE 1"=20'-0"  
**SECTION D** SCALE 1"=20'-0"  
**SECTION E** SCALE 1"=20'-0"  
**SECTION F** SCALE 1"=20'-0"  
**SECTION G** SCALE 1"=20'-0"  
**SECTION H** SCALE 1"=20'-0"  
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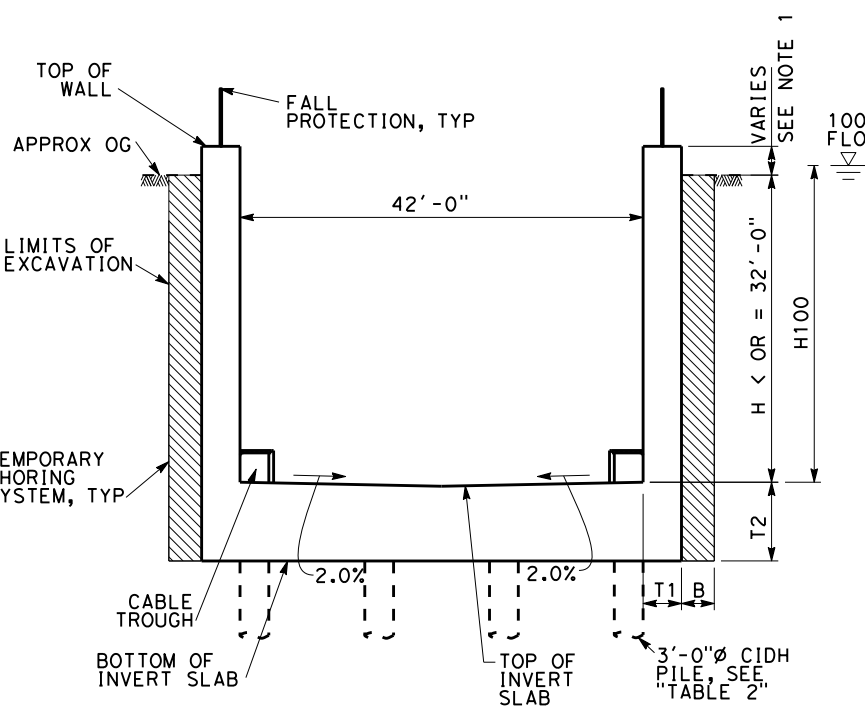
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**SECTION V** SCALE 1"=20'-0"  
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**SECTION X** SCALE 1"=20'-0"  
**SECTION Y** SCALE 1"=20'-0"  
**SECTION Z** SCALE 1"=20'-0"  
**SECTION AA** SCALE 1"=20'-0"  
**SECTION AB** SCALE 1"=20'-0"



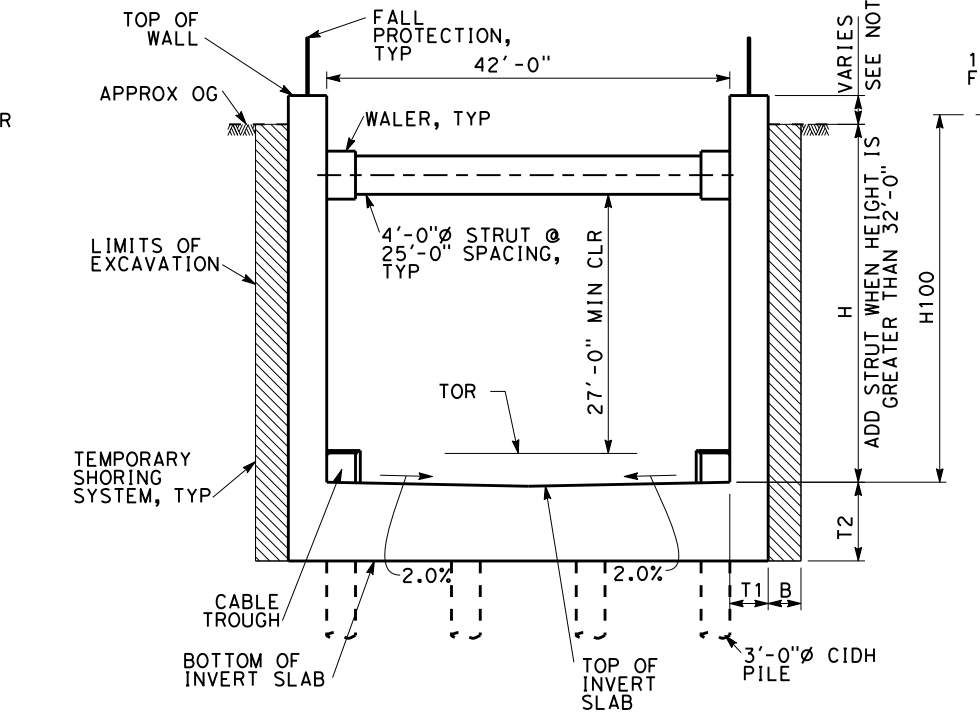
<b>2021 RECORD SET P&amp;P</b> NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	<b>HNTB</b> 1111 Broadway 9th Floor Oakland, CA 94607	<b>CALIFORNIA</b> High-Speed Rail Authority	<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> SAN JOSE TO MERCED	CONTRACT NO. HSR15-34 DRAWING NO. ST-Y0001
			GENERAL STRUCTURAL - TYPICAL SECTIONS	SCALE AS SHOWN
			SHEET 1 OF 2	SHEET NO.
			2021 RECORD SET P&P	



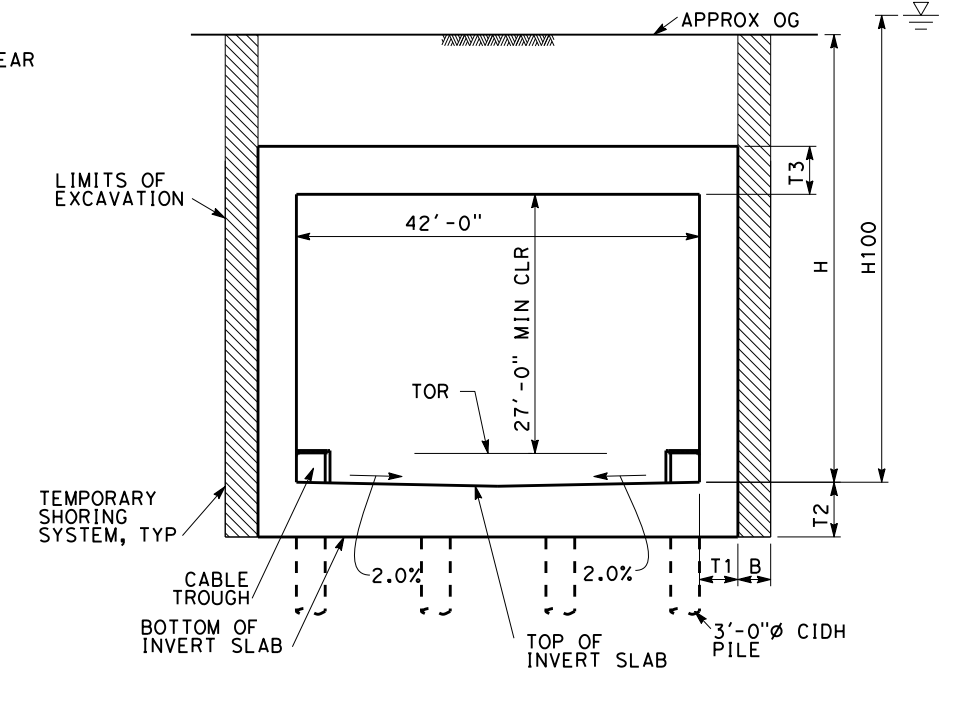
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**SECTION A**  
SCALE 1"=20'-0"



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



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

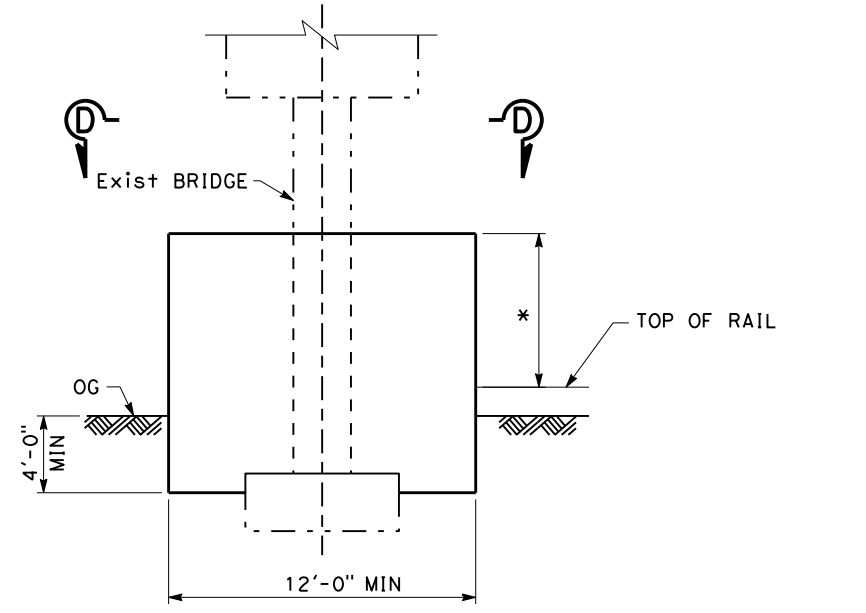
TABLE 1  
ALT 1 AND ALT 2 SOUTH GILROY/US101 TRENCH

DIMENSION SCHEDULE							
H	H100	B	NO. OF STRUTS	T1	T2	T3, AS APPLICABLE	3'-0" CIDH PILES NO. OF ROWS LONG SPACING
0' TO 32'	10'-0"	4'-0"	N/A	3'-0"	4'-0"	N/A	N/A
0' TO 32'	15'-0"	4'-0"	N/A	4'-0"	6'-0"	N/A	N/A
0' TO 32'	30'-0"	4'-0"	N/A	4'-0"	5'-0"	N/A	4 12'-6"
>32' TO 35'	35'-0"	4'-0"	1	4'-0"	5'-0"	5'-0"	4 12'-6"
>35'	45'-0"	6'-0"	1	4'-0"	5'-0"	5'-0"	4 12'-6"

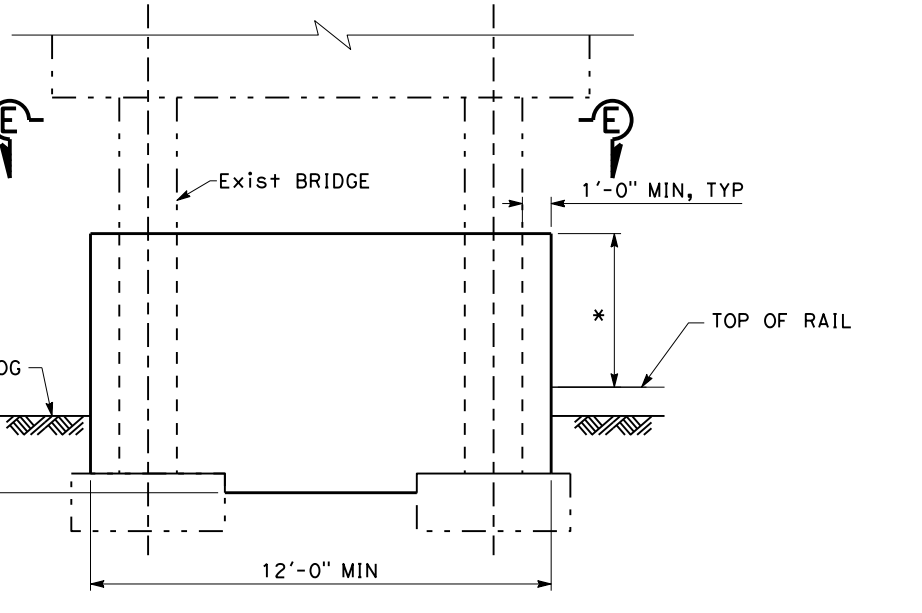
TABLE 2  
ALT 2 SOUTH SAN JOSE/CAPITOL EXPRESSWAY TRENCH

DIMENSION SCHEDULE							
H	H100	B	NO. OF STRUTS	T1	T2	T3, AS APPLICABLE	3'-0" CIDH PILES NO. OF ROWS LONG SPACING
10'-0"	N/A	4'-0"	N/A	1'-6"	2'-0"	N/A	N/A
20'-0"	N/A	4'-0"	N/A	3'-0"	4'-0"	N/A	N/A
30'-0"	N/A	4'-0"	N/A	4'-0"	5'-0"	N/A	N/A

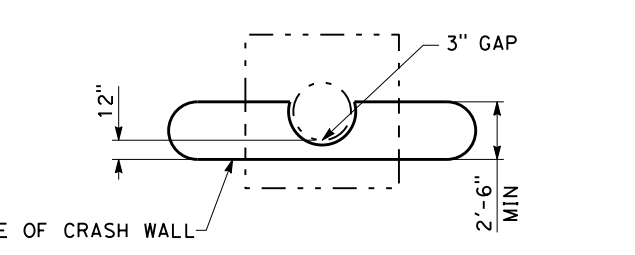
NOTE:  
1. TOP OF WALL SHALL BE A MINIMUM OF 1'-0" ABOVE FINISHED GRADE AND A MINIMUM OF 2'-0" ABOVE THE 100-YEAR FLOOD ELEVATION.



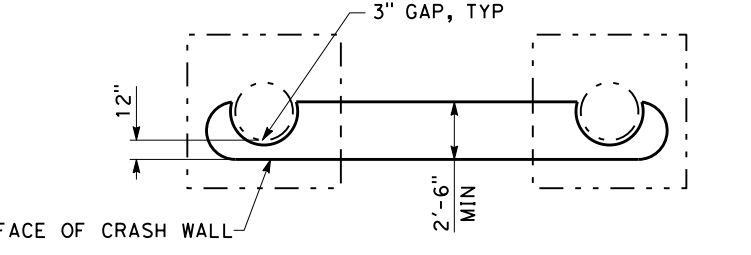
**SINGLE COLUMN**



**MULTI - COLUMN**



**SECTION D**

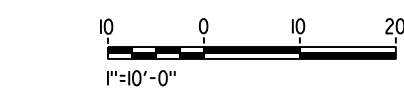


**SECTION E**

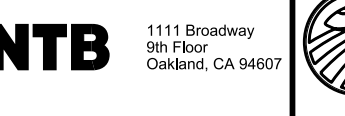
\* 6'-0" MINIMUM FOR PIERS FROM 12 FT TO 25 FT CLEAR FROM THE CENTERLINE OF EXISTING OR PROPOSED TRACK.  
12'-0" MINIMUM FOR PIERS LESS THAN 12 FT CLEAR FROM THE CENTERLINE OF EXISTING OR PROPOSED TRACK.

**CRASH WALL DETAILS**  
SCALE NTS

**SAN JOSE TO CVY EIR/S: VOLUME III**  
**GENERAL INFORMATION BOOK**  
**SHEET 68 OF 68**



2021 RECORD SET PERP  
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
GENERAL  
STRUCTURAL - TYPICAL SECTIONS  
SHEET 2 OF 2

CONTRACT NO. HSR15-34  
DRAWING NO. ST-Y0002  
SCALE AS SHOWN  
SHEET NO.