

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

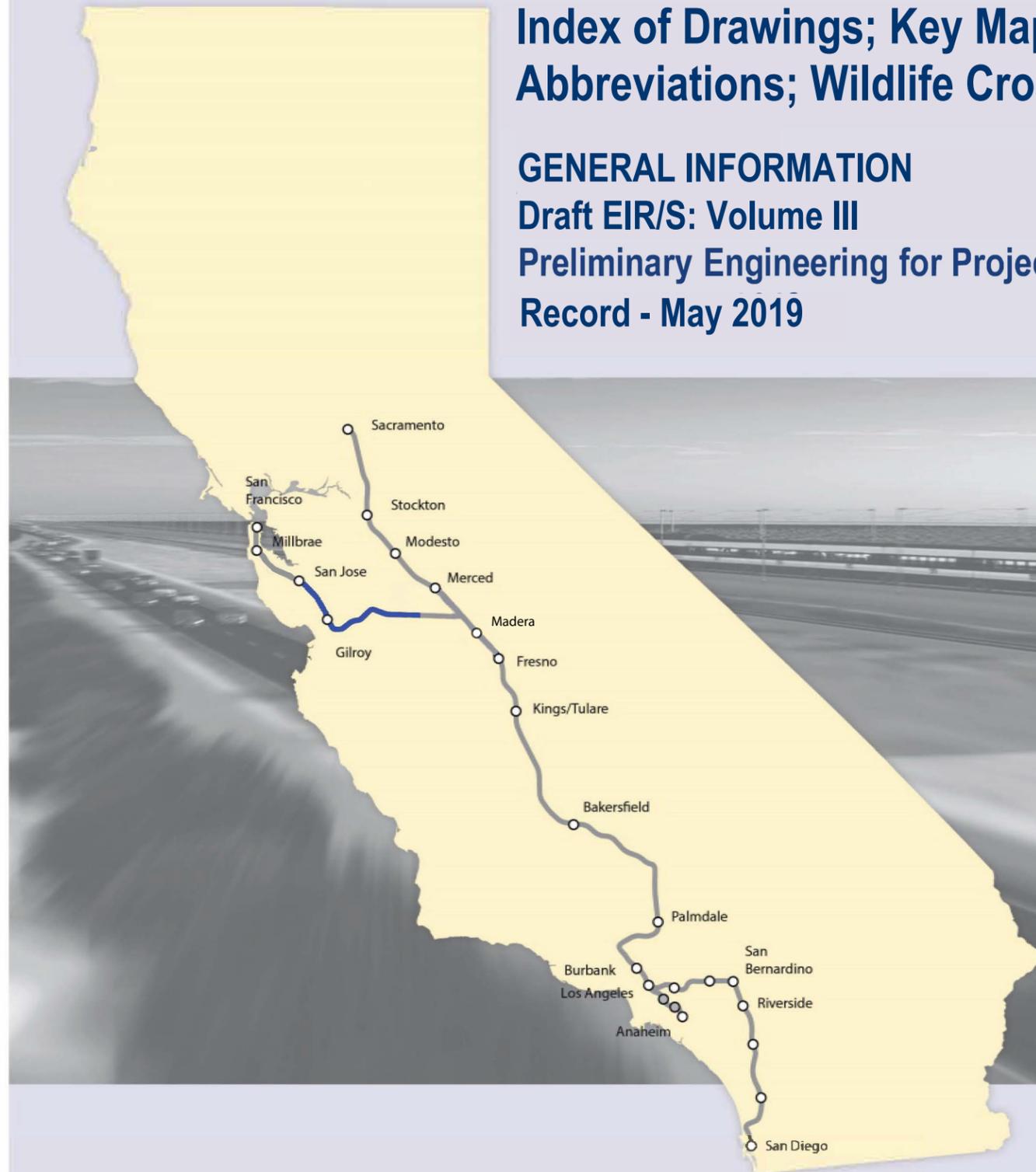
Index of Drawings; Key Maps; General Notes; Structural General Notes;  
Abbreviations; Wildlife Crossings; Systems; Typical Sections; Structural Typical Sections

## GENERAL INFORMATION

Draft EIR/S: Volume III

Preliminary Engineering for Project Definition

Record - May 2019



**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 1 - 64**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**

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| DRAWING NO.<br>GE-AG101  |
| SCALE<br>NONE            |
| SHEET NO.                |

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| 56 | GE-F0004  | GENERAL | SYSTEMS                   | PG&E UPGRADE |
| 57 | GE-F0005  | GENERAL | SYSTEMS                   | PG&E UPGRADE |
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SAN JOSE TO MERCED**

GENERAL  
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| CONTRACT NO.<br>HSR15-34 |
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| SCALE<br>NONE            |
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**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    |

**MONTEREY CORRIDOR**

|         |   |          |                   |                                     |                  |  |                    |
|---------|---|----------|-------------------|-------------------------------------|------------------|--|--------------------|
| 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 |
| BOOK 1A | 6 | TT-D0601 | MONTEREY CORRIDOR | COMMUNICATION HILL BLVD, ESFAHAN CT | VIADUCT          | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B211+00 TO B285+00 |
| BOOK 1A | 7 | TT-D0602 | MONTEREY CORRIDOR | CAPITOL EXPRESSWAY, SKYWAY DR       | VIADUCT          | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B285+00 TO B373+00 |
| BOOK 1A | 8 | TT-D0603 | MONTEREY CORRIDOR | BRANHAM LN, BLOSSOM HILL RD         | VIADUCT          | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B373+00 TO B462+00 |
| BOOK 1A | 9 | TT-D0604 | MONTEREY CORRIDOR | FORD RD                             | VIADUCT          | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B462+00 TO B552+00 |

**MORGAN HILL AND GILROY**

|         |    |          |                        |                                |                            |  |                      |
|---------|----|----------|------------------------|--------------------------------|----------------------------|--|----------------------|
| BOOK 1A | 10 | 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 | 11 | 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 | 12 | 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 | 13 | 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 | 14 | 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 | 15 | 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 | 16 | 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 | 17 | 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 | 18 | 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 | 19 | 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 | 20 | 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 | 21 | 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 | 22 | 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 | 23 | 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 | 24 | 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 | 25 | 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 | 26 | 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 | 27 | TT-D0910 | MORGAN HILL AND GILROY | N/A                            | VIADUCT TO DOWNTOWN GILROY | UPRR FREIGHT AND TRANSITION TRACK PROFILES |                      |
| BOOK 1A | 28 | 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 | 29 | 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 | 30 | TT-D1203 | MORGAN HILL AND GILROY | PACHECO PASS HWY               | VIADUCT TO DOWNTOWN GILROY | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B2275+00 TO B2362+00 |

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

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| 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 |
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| <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**

|         |    |          |              |                    |        |  |                      |
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| BOOK 1B | 31 | TT-D1401 | PACHECO PASS | SR 152             | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B2362+00 TO B3205+00 |
| BOOK 1B | 32 | TT-D1402 | PACHECO PASS | SERVICE ROAD 1     | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3205+00 TO B3295+00 |
| BOOK 1B | 33 | TT-D1403 | PACHECO PASS | N/A                | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3295+00 TO B3385+00 |
| BOOK 1B | 34 | TT-D1404 | PACHECO PASS | N/A                | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3385+00 TO B3475+00 |
| BOOK 1B | 35 | TT-D1405 | PACHECO PASS | SR 152             | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3475+00 TO B3565+00 |
| BOOK 1B | 36 | TT-D1406 | PACHECO PASS | N/A                | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3565+00 TO B3655+00 |
| BOOK 1B | 37 | TT-D1407 | PACHECO PASS | SR 152             | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3655+00 TO B3745+00 |
| BOOK 1B | 38 | TT-D1408 | PACHECO PASS | N/A                | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3745+00 TO B3835+00 |
| BOOK 1B | 39 | TT-D1409 | PACHECO PASS | N/A                | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3835+00 TO B3923+00 |
| BOOK 1B | 40 | TT-D1410 | PACHECO PASS | N/A                | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3923+00 TO B4014+00 |
| BOOK 1B | 41 | TT-D1411 | PACHECO PASS | MCCABE RD          | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4014+00 TO B4105+00 |
| BOOK 1B | 42 | TT-D1412 | PACHECO PASS | N/A                | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4105+00 TO B4196+00 |
| BOOK 1B | 43 | TT-D1413 | PACHECO PASS | N/A                | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4196+00 TO B4287+00 |
| BOOK 1B | 44 | 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 | 45 | TT-D1601 | SAN JOAQUIN VALLEY | FAHEY RD                   | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4372+00 TO B4445+00    |
| BOOK 1B | 46 | TT-D1602 | SAN JOAQUIN VALLEY | CCID MAIN CANAL            | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4445+00 TO B4533+00    |
| BOOK 1B | 47 | TT-D1603 | SAN JOAQUIN VALLEY | INGOMAR GRADE RD           | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4533+00 TO B4614+00    |
| BOOK 1B | 48 | 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 | 49 | TT-D1605 | SAN JOAQUIN VALLEY | MONROE AVE                 | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4686+00 TO B4758+00    |
| BOOK 1B | 50 | 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 | 51 | 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 | 52 | TT-D1608 | SAN JOAQUIN VALLEY | N/A                        | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4932+00 TO B5020+00    |
| BOOK 1B | 53 | 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 | 54 | 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 | 55 | TT-D1611 | SAN JOAQUIN VALLEY | TURNER ISLAND RD           | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B5193+00 TO B5282+00    |
| BOOK 1B | 56 | TT-D1612 | SAN JOAQUIN VALLEY | CARLUCCI RD                | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B5282+00 TO B5366+28.52 |

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
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| CONTRACT NO. | HSR15-34 |
| DRAWING NO.  | GE-A0102 |
| SCALE        | NONE     |
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**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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| <b>STATIONS</b> |          |            |                                   |                                |                            |                          |                        |
| BOOK 1B         | 57       | AR-C0101   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST, PARK AVE       | VIADUCT TO I-880           | SAN JOSE DIRIDON STATION | CONCEPTUAL SITE PLAN   |
| BOOK 1B         | 58       | 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         | 59       | AR-F0101   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST, PARK AVE       | VIADUCT TO I-880           | SAN JOSE DIRIDON STATION | CONCOURSE PLAN         |
| BOOK 1B         | 60       | AR-Y0101   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST, PARK AVE       | VIADUCT TO I-880           | SAN JOSE DIRIDON STATION | CROSS SECTION          |
| BOOK 1B         | 61       | AR-Y0102   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST, PARK AVE       | VIADUCT TO I-880           | SAN JOSE DIRIDON STATION | MASSING DIAGRAM        |
| BOOK 1B         | 62       | AR-Y0103   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST, PARK AVE       | VIADUCT TO I-880           | SAN JOSE DIRIDON STATION | MASSING DIAGRAM        |
| BOOK 1B         | 63       | AR-Y0104   | SAN JOSE DIRIDON STATION APPROACH | N/A                            | VIADUCT TO I-880           | SAN JOSE DIRIDON STATION | FACILITY SIZING TABLE  |
| BOOK 1B         | 64       | AR-Y0105   | SAN JOSE DIRIDON STATION APPROACH | N/A                            | VIADUCT TO I-880           | SAN JOSE DIRIDON STATION | FACILITY SIZING TABLE  |
| BOOK 1B         | 65       | AR-Y0106   | SAN JOSE DIRIDON STATION APPROACH | N/A                            | VIADUCT TO I-880           | SAN JOSE DIRIDON STATION | FACILITY SIZING TABLE  |
| BOOK 1B         | 66       | AR-Y0107   | SAN JOSE DIRIDON STATION APPROACH | N/A                            | VIADUCT TO I-880           | SAN JOSE DIRIDON STATION | FACILITY SIZING TABLE  |
| BOOK 1B         | 67       | AR-C0901   | MORGAN HILL AND GILROY            | W 7TH ST, W 10TH ST            | VIADUCT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION  | CONCEPTUAL SITE PLAN   |
| BOOK 1B         | 68       | AR-C0902   | MORGAN HILL AND GILROY            | W 7TH ST, W 10TH ST            | VIADUCT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION  | DETAILED SITE PLAN     |
| BOOK 1B         | 69       | AR-F0901   | MORGAN HILL AND GILROY            | W 7TH ST, W 10TH ST            | VIADUCT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION  | CONCOURSE PLAN         |
| BOOK 1B         | 70       | AR-Y0901   | MORGAN HILL AND GILROY            | W 7TH ST, W 10TH ST            | VIADUCT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION  | CROSS SECTION          |
| BOOK 1B         | 71       | AR-Y0902   | MORGAN HILL AND GILROY            | W 7TH ST, W 10TH ST            | VIADUCT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION  | MASSING DIAGRAM        |
| BOOK 1B         | 72       | AR-Y0903   | MORGAN HILL AND GILROY            | W 7TH ST, W 10TH ST            | VIADUCT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION  | MASSING DIAGRAM        |
| BOOK 1B         | 73       | AR-Y0904   | MORGAN HILL AND GILROY            | N/A                            | VIADUCT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION  | FACILITY SIZING TABLE  |
| BOOK 1B         | 74       | AR-Y0905   | MORGAN HILL AND GILROY            | N/A                            | VIADUCT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION  | FACILITY SIZING TABLE  |
| BOOK 1B         | 75       | AR-Y0906   | MORGAN HILL AND GILROY            | N/A                            | VIADUCT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION  | FACILITY SIZING TABLE  |
| BOOK 1B         | 76       | AR-Y0907   | MORGAN HILL AND GILROY            | N/A                            | VIADUCT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION  | FACILITY SIZING TABLE  |

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| <b>STRUCTURES</b> |    |          |                                   |   |                            |                            |                          |
| BOOK 1B           | 77 | ST-V0151 | SAN JOSE DIRIDON STATION APPROACH | W TAYLOR ST                             | VIADUCT TO I-880           | COMPLEX STRUCTURES         | GENERAL PLAN 1 OF 2      |
| BOOK 1B           | 78 | ST-V0152 | SAN JOSE DIRIDON STATION APPROACH | W SANTA CLARA ST                        | VIADUCT TO I-880           | COMPLEX STRUCTURES         | GENERAL PLAN 2 OF 2      |
| BOOK 1B           | 79 | 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           | 80 | ST-V0301 | SAN JOSE DIRIDON STATION APPROACH | N/A                                     | VIADUCT TO I-880           | TYPICAL SECTIONS           | SHEET 1 OF 3             |
| BOOK 1B           | 81 | ST-V0302 | SAN JOSE DIRIDON STATION APPROACH | N/A                                     | VIADUCT TO I-880           | TYPICAL SECTIONS           | SHEET 2 OF 3             |
| BOOK 1B           | 82 | ST-V0303 | SAN JOSE DIRIDON STATION APPROACH | N/A                                     | VIADUCT TO I-880           | TYPICAL SECTIONS           | SHEET 3 OF 3             |
| BOOK 1B           | 83 | ST-T0301 | SAN JOSE DIRIDON STATION APPROACH | I-880, SR 85                            | VIADUCT TO I-880           | CALTRANS STRUCTURES        | GENERAL PLAN             |
| BOOK 1B           | 84 | ST-T0401 | MONTEREY CORRIDOR                 | ALMADEN EXPY, CURTNER AVE               | VIADUCT/AT-GRADE           | OVERPASSES AND UNDERPASSES | GENERAL PLAN             |
| BOOK 1B           | 85 | ST-V0601 | MONTEREY CORRIDOR                 | CAPITOL CALTRAIN, CAPITOL EXPY          | VIADUCT                    | COMPLEX STRUCTURES         | GENERAL PLAN 1 OF 2      |
| BOOK 1B           | 86 | ST-V0602 | MONTEREY CORRIDOR                 | BLOSSOM HILL RD, BERNAL RD              | VIADUCT                    | COMPLEX STRUCTURES         | GENERAL PLAN 2 OF 2      |
| BOOK 1B           | 87 | ST-V0701 | MORGAN HILL AND GILROY            | BAILEY AVE, COCHRANE RD                 | VIADUCT TO DOWNTOWN GILROY | COMPLEX STRUCTURES         | GENERAL PLAN 1 OF 2      |
| BOOK 1B           | 88 | ST-V0702 | MORGAN HILL AND GILROY            | SB 101, LLAGAS CREEK                    | VIADUCT TO DOWNTOWN GILROY | COMPLEX STRUCTURES         | GENERAL PLAN 2 OF 2      |
| BOOK 1B           | 89 | ST-T0701 | MORGAN HILL AND GILROY            | BAILEY AVE, I-5                         | VIADUCT TO DOWNTOWN GILROY | CALTRANS STRUCTURES        | GENERAL PLAN             |
| BOOK 1B           | 90 | ST-V0901 | MORGAN HILL AND GILROY            | US 101                                  | VIADUCT TO DOWNTOWN GILROY | COMPLEX STRUCTURES         | GENERAL PLAN             |
| BOOK 1B           | 91 | ST-V1401 | PACHECO PASS                      | CALIFORNIA AQUEDUCT, CCID OUTSIDE CANAL | TUNNEL                     | COMPLEX STRUCTURES         | GENERAL PLAN             |
| BOOK 1B           | 92 | ST-V1601 | SAN JOAQUIN VALLEY                | SAN LUIS WASTEWAY, LOS BANOS CREEK      | HENRY MILLER ROAD          | COMPLEX STRUCTURES         | GENERAL PLAN             |

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
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| CONTRACT NO. | HSR15-34 |
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| SCALE        | NONE     |
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# 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 | 93 | 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 | 94 | 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 | 95 | CV-S0601 | MONTEREY CORRIDOR | CAPITOL EXPY, BLOSSOM HILL RD | VIADUCT          | CIVIL DETAILS                                      |                          |
| BOOK 1C | 96 | CV-T0401 | MONTEREY CORRIDOR | WILLOW ST, W ALMA AVE         | VIADUCT/AT-GRADE | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | SR87 ON-RAMP             |
| BOOK 1C | 97 | CV-T0402 | MONTEREY CORRIDOR | CURTNER AVE                   | VIADUCT/AT-GRADE | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | ALMADEN ROAD AND CURTNER |

### MORGAN HILL AND GILROY

|         |     |          |                        |                              |                                     |  |                           |
|---------|-----|----------|------------------------|------------------------------|-------------------------------------|--|---------------------------|
| BOOK 1C | 98  | CV-S0701 | MORGAN HILL AND GILROY | ACCESS RD TO MONTEREY RD     | VIADUCT TO DOWNTOWN GILROY          | CIVIL DETAILS                                      |                           |
| BOOK 1C | 99  | CV-S0901 | MORGAN HILL AND GILROY | COHANSEY AVE, E LUCHESSA AVE | VIADUCT TO DOWNTOWN GILROY          | CIVIL DETAILS                                      |                           |
| BOOK 1C | 100 | CV-S1201 | MORGAN HILL AND GILROY | LAKE RD, SR 152              | VIADUCT TO DOWNTOWN GILROY          | CIVIL DETAILS                                      |                           |
| BOOK 1C | 101 | CV-T0704 | MORGAN HILL AND GILROY | N/A                          | VIADUCT TO DOWNTOWN GILROY          | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | MONTEREY ROAD             |
| BOOK 1C | 102 | CV-T0907 | MORGAN HILL AND GILROY | BLOOMFIELD AVE, BLOSA AVE    | VIADUCT TO DOWNTOWN GILROY          | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | BOLSA ROAD AND BLOOMFIELD |
| BOOK 1C | 103 | CV-T0909 | MORGAN HILL AND GILROY | BLOOMFIELD ACCESS RD         | VIADUCT TO DOWNTOWN GILROY          | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | BLOOMFIELD ACCESS ROAD    |
| BOOK 1C | 104 | 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 | 105 | CV-S1401 | PACHECO PASS | ROMERO RD, CA-152 | TUNNEL | CIVIL DETAILS |  |
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### SAN JOAQUIN VALLEY

|         |     |          |                    |                                   |                   |  |                     |
|---------|-----|----------|--------------------|-----------------------------------|-------------------|--|---------------------|
| BOOK 1C | 106 | CV-S1601 | SAN JOAQUIN VALLEY | MONTEREY RD, INGOMAR GRADE        | HENRY MILLER ROAD | CIVIL DETAILS                                      |                     |
| BOOK 1C | 107 | CV-T1603 | SAN JOAQUIN VALLEY | VOLTA RD, HENRY MILLER RD         | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | HENRY MILLER ROAD   |
| BOOK 1C | 108 | CV-T1604 | SAN JOAQUIN VALLEY | HENRY MILLER ACCESS               | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | HENRY MILLER ACCESS |
| BOOK 1C | 109 | 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 | 110 | CV-T1609 | SAN JOAQUIN VALLEY | DELTA RD                          | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | DELTA ROAD          |
| BOOK 1C | 111 | CV-T1610 | SAN JOAQUIN VALLEY | TURNER ISLAND RD, HENRY MILLER RD | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | TURNER ROAD         |
| BOOK 1C | 112 | CV-T1611 | SAN JOAQUIN VALLEY | CARLUCCI RD                       | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | CARLUCCI ROAD       |
| BOOK 1C | 113 | CV-T1612 | SAN JOAQUIN VALLEY | HUTCHINS RD                       | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | HUTCHINS ROAD       |

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**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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| <b>MAINTENANCE OF WAY</b> |          |            |                        |                                |                            |                             |                        |
| BOOK 1C                   | 114      | MY-B0906   | MORGAN HILL AND GILROY | CARNADERO AVE, SHELDON AVE     | VIADUCT TO DOWNTOWN GILROY | MAINTENANCE OF WAY FACILITY | DETAIL PLAN            |
| BOOK 1C                   | 115      | MY-B0907   | MORGAN HILL AND GILROY | N/A                            | VIADUCT TO DOWNTOWN GILROY | MAINTENANCE OF WAY FACILITY | DETAIL PLAN            |
| BOOK 1C                   | 116      | MY-B0908   | MORGAN HILL AND GILROY | N/A                            | VIADUCT TO DOWNTOWN GILROY | MAINTENANCE OF WAY FACILITY | DETAIL PLAN            |

**TUNNELS - PACHECO PASS**

|         |     |          |              |                     |        |                             |            |
|---------|-----|----------|--------------|---------------------|--------|-----------------------------|------------|
| BOOK 1C | 117 | TN-D1404 | PACHECO PASS | N/A                 | TUNNEL | TUNNEL 2 - PORTAL 1         |            |
| BOOK 1C | 118 | TN-D1405 | PACHECO PASS | ACCESS RD 1         | TUNNEL | TUNNEL PORTAL 2 ACCESS ROAD |            |
| BOOK 1C | 119 | TN-D1406 | PACHECO PASS | CALIFORNIA AQUEDUCT | TUNNEL | TUNNEL PORTAL 2 ACCESS ROAD |            |
| BOOK 1C | 120 | TN-D1407 | PACHECO PASS | ACCESS RD 2         | TUNNEL | TUNNEL PORTAL 2 ACCESS ROAD |            |
| BOOK 1C | 121 | TN-D1408 | PACHECO PASS | N/A                 | TUNNEL | LONGITUDINAL PROFILE        |            |
| BOOK 1C | 122 | TN-D1409 | PACHECO PASS | N/A                 | TUNNEL | GRADING DETAIL              |            |
| BOOK 1C | 123 | TN-D1410 | PACHECO PASS | N/A                 | TUNNEL | GRADING DETAIL              |            |
| BOOK 1C | 124 | TN-D1411 | PACHECO PASS | N/A                 | TUNNEL | GRADING DETAIL              |            |
| BOOK 1C | 125 | TN-D1412 | PACHECO PASS | N/A                 | TUNNEL | GRADING DETAIL              |            |
| BOOK 1C | 126 | TN-D1413 | PACHECO PASS | I-5, FAHEY RD       | TUNNEL | GRADING DETAIL              |            |
| BOOK 1C | 127 | TN-D1414 | PACHECO PASS | N/A                 | TUNNEL | TUNNEL 2 - PORTAL 1         | SECTIONS   |
| BOOK 1C | 128 | TN-D1415 | PACHECO PASS | N/A                 | TUNNEL | TUNNEL 2 - PORTAL 2         | APPROACH 1 |
| BOOK 1C | 129 | TN-D1416 | PACHECO PASS | N/A                 | TUNNEL | TUNNEL 2 - PORTAL 2         | APPROACH 2 |

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**SAN JOSE TO MERCED**

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| SCALE<br>NONE            |
| SHEET NO.                |

# ALTERNATIVE 1 - VIADUCT TO DOWNTOWN GILROY

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| <b>COVER, INDEX OF DRAWING AND KEY MAPS</b> |          |            |                            |                                |                                |                   |                        |
| 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     |                        |

| <b>CONSTRUCTION STAGING</b> |     |           |                        |                                   |                            |  |                              |
|-----------------------------|-----|-----------|------------------------|-----------------------------------|----------------------------|--|------------------------------|
| BOOK 1D                     | 130 | CV-I0401  | MONTEREY CORRIDOR      | W ALMA AVE, CURTNER AVE           | VIADUCT                    | CONSTRUCTION STAGING PLAN-PHASE 1-STAGES 1 & 2 | CALTRAIN/UPRR RELOCATION-STA |
| BOOK 1D                     | 131 | CV-I0402  | MONTEREY CORRIDOR      | W ALMA AVE, CURTNER AVE           | VIADUCT                    | CONSTRUCTION STAGING PLAN-PHASE 1-STAGES 3     | CALTRAIN/UPRR RELOCATION-STA |
| BOOK 1D                     | 132 | CV-I0403  | MONTEREY CORRIDOR      | W ALMA AVE, CURTNER AVE           | VIADUCT                    | CONSTRUCTION STAGING PLAN-PHASE 2              | CALTRAIN/UPRR RELOCATION-STA |
| BOOK 1D                     | 133 | CV-I0404  | MONTEREY CORRIDOR      | W ALMA AVE, CURTNER AVE           | VIADUCT                    | CONSTRUCTION STAGING PLAN-PHASE 3              | CALTRAIN/UPRR RELOCATION-STA |
| BOOK 1D                     | 134 | CV-I0405A | MONTEREY CORRIDOR      | ALMADEN RD                        | VIADUCT                    | CONSTRUCTION STAGING-PHASE 1-STAGE 1           | ALMADEN RD UNDERPASS         |
| BOOK 1D                     | 135 | CV-I0405B | MONTEREY CORRIDOR      | ALMADEN RD                        | VIADUCT                    | CONSTRUCTION STAGING-PHASE 1-STAGE 2           | ALMADEN RD UNDERPASS         |
| BOOK 1D                     | 136 | CV-I0405C | MONTEREY CORRIDOR      | ALMADEN RD                        | VIADUCT                    | CONSTRUCTION STAGING-PHASE 1-STAGE 3           | ALMADEN RD UNDERPASS         |
| BOOK 1D                     | 137 | CV-I0406  | MONTEREY CORRIDOR      | ALMADEN RD                        | VIADUCT                    | CONSTRUCTION STAGING-PHASE 2                   | ALMADEN RD UNDERPASS         |
| BOOK 1D                     | 138 | CV-I0407  | MONTEREY CORRIDOR      | ALMADEN RD                        | VIADUCT                    | CONSTRUCTION STAGING-PHASE 3                   | ALMADEN RD UNDERPASS         |
| BOOK 1D                     | 139 | CV-I0408  | MONTEREY CORRIDOR      | SR 87, UPRR                       | VIADUCT                    | CONSTRUCTION STAGING-PHASE 1-STAGES 1 & 2      | MODIFY EXISTING ALMADEN      |
| BOOK 1D                     | 140 | CV-I0409  | MONTEREY CORRIDOR      | SR 87, UPRR                       | VIADUCT                    | CONSTRUCTION STAGING-PHASE 1-STAGES 3          | MODIFY EXISTING ALMADEN      |
| BOOK 1D                     | 141 | CV-I0410  | MONTEREY CORRIDOR      | SR 87, UPRR                       | VIADUCT                    | CONSTRUCTION STAGING-PHASE 2                   | MODIFY EXISTING ALMADEN      |
| BOOK 1D                     | 142 | CV-I0411  | MONTEREY CORRIDOR      | SR 87, UPRR                       | VIADUCT                    | CONSTRUCTION STAGING-PHASE 3                   | MODIFY EXISTING ALMADEN      |
| BOOK 1D                     | 143 | CV-I0412  | MONTEREY CORRIDOR      | UPRR                              | VIADUCT                    | CONSTRUCTION STAGING-PHASE 1                   | MODIFY EXISTING CURTNER      |
| BOOK 1D                     | 144 | CV-I0413  | MONTEREY CORRIDOR      | UPRR                              | VIADUCT                    | CONSTRUCTION STAGING-PHASES 2 & 3              | MODIFY EXISTING CURTNER      |
| BOOK 1D                     | 145 | CV-I1001  | MORGAN HILL AND GILROY | N/A                               | VIADUCT TO DOWNTOWN GILROY | CONSTRUCTION PHASING / STAGING PLAN            | GENERAL NOTES                |
| BOOK 1D                     | 146 | CV-I1002  | MORGAN HILL AND GILROY | BOLSA RD                          | VIADUCT TO DOWNTOWN GILROY | CONSTRUCTION PHASING / STAGING PLAN - STAGE 1  | BLOOMFIELD AVENUE GRADE      |
| BOOK 1D                     | 147 | CV-I1003  | MORGAN HILL AND GILROY | BLOOMFIELD AVE, SHELDON AVE       | VIADUCT TO DOWNTOWN GILROY | CONSTRUCTION PHASING / STAGING PLAN - STAGE 1  | BLOOMFIELD AVENUE GRADE      |
| BOOK 1D                     | 148 | CV-I1004  | MORGAN HILL AND GILROY | BLOOMFIELD AVE, BOLSA RD          | VIADUCT TO DOWNTOWN GILROY | CONSTRUCTION PHASING / STAGING PLAN - STAGE 2  | BLOOMFIELD AVENUE GRADE      |
| BOOK 1D                     | 149 | CV-I1005  | MORGAN HILL AND GILROY | BLOOMFIELD AVE, SHELDON AVE       | VIADUCT TO DOWNTOWN GILROY | CONSTRUCTION PHASING / STAGING PLAN - STAGE 2  | BLOOMFIELD AVENUE GRADE      |
| BOOK 1D                     | 150 | CV-I1006  | MORGAN HILL AND GILROY | BLOOMFIELD AVE, BOLSA RD          | VIADUCT TO DOWNTOWN GILROY | CONSTRUCTION PHASING / STAGING PLAN - STAGE 3  | BLOOMFIELD AVENUE GRADE      |
| BOOK 1D                     | 151 | CV-I1007  | MORGAN HILL AND GILROY | BLOOMFIELD AVE, SHELDON AVE       | VIADUCT TO DOWNTOWN GILROY | CONSTRUCTION PHASING / STAGING PLAN - STAGE 3  | BLOOMFIELD AVENUE GRADE      |
| BOOK 1D                     | 152 | CV-I1601  | SAN JOAQUIN VALLEY     |                                   | HENRY MILLER ROAD          | CONSTRUCTION STAGING PLAN                      | GENERAL NOTES                |
| BOOK 1D                     | 153 | CV-I1602  | SAN JOAQUIN VALLEY     | INGOMAR GRDE RD, HENRY MILLER RD  | HENRY MILLER ROAD          | CONSTRUCTION STAGING PLAN                      | HENRY MILLER ROAD GRADE      |
| BOOK 1D                     | 154 | CV-I1603  | SAN JOAQUIN VALLEY     | HENRY MILLER RD                   | HENRY MILLER ROAD          | CONSTRUCTION STAGING PLAN                      | HENRY MILLER ROAD GRADE      |
| BOOK 1D                     | 155 | CV-I1604  | SAN JOAQUIN VALLEY     | HENRY MILLER RD, MERCY SPRINGS RD | HENRY MILLER ROAD          | CONSTRUCTION STAGING PLAN                      | SR-165 / MERCY SPRINGS ROAD  |
| BOOK 1D                     | 156 | CV-I1605  | SAN JOAQUIN VALLEY     | HENRY MILLER RD, DELTA RD         | HENRY MILLER ROAD          | CONSTRUCTION STAGING PLAN                      | DELTA ROAD GRADE SEPARATION  |
| BOOK 1D                     | 157 | CV-I1606  | SAN JOAQUIN VALLEY     | HENRY MILLER RD, TURNER ISLAND RD | HENRY MILLER ROAD          | CONSTRUCTION STAGING PLAN                      | TURNER ISLAND ROAD GRADE     |
| BOOK 1D                     | 158 | CV-I1607  | SAN JOAQUIN VALLEY     | HENRY MILLER RD, CARLUCCI RD      | HENRY MILLER ROAD          | CONSTRUCTION STAGING PLAN                      | CARLUCCI ROAD GRADE          |

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 11 OF 64**

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**MAY 3, 2019**

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1111 Broadway  
9th Floor  
Oakland, CA 94607

**CALIFORNIA**  
High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**SAN JOSE TO MERCED**

ALTERNATIVE 1  
INDEX OF DRAWING  
SHEET 6 OF 7

|                          |
|--------------------------|
| CONTRACT NO.<br>HSR15-34 |
| DRAWING NO.<br>GE-A0106  |
| SCALE<br>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 |
|------|----------|------------|------------|--------------------------------|----------------------|-------------------|------------------------|
|------|----------|------------|------------|--------------------------------|----------------------|-------------------|------------------------|

**TRACK GUIDEWAY HORIZONTAL ALIGNMENT DATA TABLE**

|         |     |             |                                   |     |                  |                               |                          |
|---------|-----|-------------|-----------------------------------|-----|------------------|-------------------------------|--------------------------|
| BOOK 1D | 159 | 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 | 160 | 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 | 161 | TT-B0103-JM | SAN JOSE DIRIDON STATION APPROACH | N/A | VIADUCT TO I-880 | TRACK ALIGNMENT DATA TABLE    | CURVE NO. C193           |
| BOOK 1D | 162 | 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 | 163 | TT-B0105    | MONTEREY CORRIDOR                 | N/A | VIADUCT TO I-880 | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C103 AND C104  |
| BOOK 1D | 164 | TT-B0106    | MONTEREY CORRIDOR                 | N/A | VIADUCT/AT-GRADE | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C105 AND C106  |
| BOOK 1D | 165 | TT-B0107    | MONTEREY CORRIDOR                 | N/A | VIADUCT/AT-GRADE | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C107           |
| BOOK 1D | 166 | TT-B0108    | MONTEREY CORRIDOR                 | N/A | VIADUCT          | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C108 AND C109  |
| BOOK 1D | 167 | TT-B0109    | MONTEREY CORRIDOR                 | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C110 AND C111  |
| BOOK 1D | 168 | TT-B0110    | MONTEREY CORRIDOR                 | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C112           |
| BOOK 1D | 169 | TT-B0111    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C113 AND C114  |
| BOOK 1D | 170 | TT-B0112    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C115 AND C116  |
| BOOK 1D | 171 | TT-B0113    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C117 AND C118  |
| BOOK 1D | 172 | TT-B0114    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C119 AND C120  |
| BOOK 1D | 173 | TT-B0115    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C121           |
| BOOK 1D | 174 | TT-B0116    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C122           |
| BOOK 1D | 175 | TT-B0117    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C123           |
| BOOK 1D | 176 | TT-B0118    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C124 AND C125  |
| BOOK 1D | 177 | TT-B0119    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C126           |
| BOOK 1D | 178 | TT-B0120    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C127 AND C128  |
| BOOK 1D | 179 | TT-B0121    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C129           |
| BOOK 1D | 180 | TT-B0122    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C130           |
| BOOK 1D | 181 | TT-B0123    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C131           |
| BOOK 1D | 182 | TT-B0124    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C132 AND C133  |
| BOOK 1D | 183 | TT-B0125    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C134 AND C135  |
| BOOK 1D | 184 | TT-B0126    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C136           |
| BOOK 1D | 185 | TT-B0127    | SAN JOAQUIN VALLEY                | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C137           |
| BOOK 1D | 186 | TT-B0128    | SAN JOAQUIN VALLEY                | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C138 AND C139  |
| BOOK 1D | 187 | TT-B0129    | SAN JOAQUIN VALLEY                | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C140           |
| BOOK 1D | 188 | TT-B0130    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C230           |
| BOOK 1D | 189 | TT-B0131    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C231 AND C231A |
| BOOK 1D | 190 | TT-B0132    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C232 AND C233  |
| BOOK 1D | 191 | TT-B0133    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C234 AND C235  |
| BOOK 1D | 192 | TT-B0134    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C236           |

**ROADWAY HORIZONTAL ALIGNMENT DATA TABLE**

|         |     |          |                   |     |         |                      |  |
|---------|-----|----------|-------------------|-----|---------|----------------------|--|
| BOOK 1D | 193 | CV-B0101 | MONTEREY CORRIDOR | N/A | VIADUCT | ALIGNMENT DATA TABLE |  |
|---------|-----|----------|-------------------|-----|---------|----------------------|--|

**SAN JOSE TO CVY EIR/S: VOLUME III  
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SHEET 12 OF 64**

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**HNTB** 1111 Broadway  
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Oakland, CA 94607



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

|              |          |
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| 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-A0205   | 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     |                               |

**COMPOSITE PLANS**

**SAN JOSE DIRIDON STATION APPROACH**

|         |   |          |                                   |                           |                       |  |                      |
|---------|---|----------|-----------------------------------|---------------------------|-----------------------|--|----------------------|
| 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    |

**MONTEREY CORRIDOR**

|         |   |          |                   |                                       |                  |  |                    |
|---------|---|----------|-------------------|---------------------------------------|------------------|--|--------------------|
| BOOK 2A | 5 | TT-D0401 | MONTEREY CORRIDOR | WILLOW ST, CURTNER AVE                | VIADUCT/AT-GRADE | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B125+00 TO B211+00 |
| BOOK 2A | 6 | 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 | 7 | TT-D0502 | MONTEREY CORRIDOR | CAPITOL EXPY TO SKYWAY DR             | AT-GRADE         | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B286+00 TO B374+00 |
| BOOK 2A | 8 | 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 | 9 | TT-D0504 | MONTEREY CORRIDOR | BLOSSOM HILL RD TO SR 85              | AT-GRADE         | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B462+00 TO B552+00 |

**MORGAN HILL AND GILROY**

|         |    |          |                        |                                  |                               |  |                      |
|---------|----|----------|------------------------|----------------------------------|-------------------------------|--|----------------------|
| BOOK 2A | 10 | 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 | 11 | 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 | 12 | 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 | 13 | 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 | 14 | 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 | 15 | 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 | 16 | 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 | 17 | 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 | 18 | 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 | 19 | 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 | 20 | 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 | 21 | TT-D0910 | MORGAN HILL AND GILROY | N/A                              | VIADUCT TO DOWNTOWN GILROY    | UPRR FREIGHT AND TRANSITION TRACK PROFILES |                      |
| BOOK 2A | 22 | 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 | 23 | 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 | 24 | 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 | 25 | 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 | 26 | 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 | 27 | 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 | 28 | TT-D1007 | MORGAN HILL AND GILROY | N/A                              | EMBANKMENT TO DOWNTOWN GILROY | UPRR FREIGHT TRACK PROFILE                 |                      |
| BOOK 2A | 29 | 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 | 30 | 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 | 31 | TT-D1203 | MORGAN HILL AND GILROY | PACHECO PASS HWY                 | VIADUCT TO DOWNTOWN GILROY    | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B2275+00 TO B2362+00 |

**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 1 OF 8

|              |          |
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| CONTRACT NO. | HSR15-34 |
| DRAWING NO.  | GE-A0201 |
| 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 2B                                     | A        | COVER      | SAN JOSE TO MERCED SECTION  | N/A                               | SAN JOSE TO CENTRAL VALLEY WYE | ALTERNATIVE 2     | EMABNKMENT TO DOWNTOWN GILROY |
| BOOK 2B                                     | B        | GE-A0202   | PACHECO PASS, SAN JOAQUIN VALLEY; SAN JOSE DIRIDON STATION APPROACH, MORGAN HILL AND GILROY | SR 152 TO CARLUCCI ROAD, STATIONS | INDEX OF DRAWING               | SHEET 2 OF 8      |                               |
| BOOK 2B                                     | C        | GE-A0203   | ENTIRE ALTERNATIVE  | STATIONS, COMPLEX STRUCTURES      | INDEX OF DRAWING               | SHEET 3 OF 8      |                               |
| BOOK 2B                                     | D        | GE-D0201   | GENERAL   | ENTIRE ALTERNATIVE                | KEY MAP                        | COMPOSITE PLAN    |                               |
| BOOK 2B                                     | E        | GE-D0202   | GENERAL   | ENTIRE ALTERNATIVE                | KEY MAP                        | SYSTEMS SITES     |                               |

**COMPOSITE PLANS**

**PACHECO PASS**

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

**SAN JOAQUIN VALLEY**

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

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**SAN JOSE TO MERCED**

ALTERNATIVE 2  
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| CONTRACT NO.<br>HSR15-34 |
| DRAWING NO.<br>GE-A0202  |
| SCALE<br>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>STATIONS</b>   |          |            |                                   |   |                               |                            |                        |
| BOOK 2B           | 58       | AR-C0101   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST, PARK AVE                | VIADUCT TO I-880              | SAN JOSE DIRIDON STATION   | CONCEPTUAL SITE PLAN   |
| BOOK 2B           | 59       | AR-C0102   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST, PARK AVE                | VIADUCT TO I-880              | SAN JOSE DIRIDON STATION   | DETAILED SITE PLAN     |
| BOOK 2B           | 60       | AR-F0101   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST, PARK AVE                | VIADUCT TO I-880              | SAN JOSE DIRIDON STATION   | CONCOURSE PLAN         |
| BOOK 2B           | 61       | AR-Y0101   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST, PARK AVE                | VIADUCT TO I-880              | SAN JOSE DIRIDON STATION   | CROSS SECTION          |
| BOOK 2B           | 62       | AR-Y0102   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST, PARK AVE                | VIADUCT TO I-880              | SAN JOSE DIRIDON STATION   | MASSING DIAGRAM        |
| BOOK 2B           | 63       | AR-Y0103   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST, PARK AVE                | VIADUCT TO I-880              | SAN JOSE DIRIDON STATION   | MASSING DIAGRAM        |
| BOOK 2B           | 64       | AR-Y0104   | SAN JOSE DIRIDON STATION APPROACH | N/A                                     | VIADUCT TO I-880              | SAN JOSE DIRIDON STATION   | FACILITY SIZING TABLE  |
| BOOK 2B           | 65       | AR-Y0105   | SAN JOSE DIRIDON STATION APPROACH | N/A                                     | VIADUCT TO I-880              | SAN JOSE DIRIDON STATION   | FACILITY SIZING TABLE  |
| BOOK 2B           | 66       | AR-Y0106   | SAN JOSE DIRIDON STATION APPROACH | N/A                                     | VIADUCT TO I-880              | SAN JOSE DIRIDON STATION   | FACILITY SIZING TABLE  |
| BOOK 2B           | 67       | AR-Y0107   | SAN JOSE DIRIDON STATION APPROACH | N/A                                     | VIADUCT TO I-880              | SAN JOSE DIRIDON STATION   | FACILITY SIZING TABLE  |
| BOOK 2B           | 68       | AR-C1001   | MORGAN HILL AND GILROY            | W 7TH ST TO E 10TH ST                   | EMBANKMENT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION    | GENERAL SITE PLAN      |
| BOOK 2B           | 69       | AR-C1002   | MORGAN HILL AND GILROY            | W 7TH ST TO E 10TH ST                   | EMBANKMENT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION    | DETAILED SITE PLAN     |
| BOOK 2B           | 70       | AR-F1001   | MORGAN HILL AND GILROY            | N/A                                     | EMBANKMENT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION    | CONCOURSE PLAN         |
| BOOK 2B           | 71       | AR-Y1001   | MORGAN HILL AND GILROY            | N/A                                     | EMBANKMENT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION    | SECTION                |
| BOOK 2B           | 72       | AR-Y1002   | MORGAN HILL AND GILROY            | W 7TH ST TO E 10TH ST                   | EMBANKMENT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION    | MASSING DIAGRAM 1      |
| BOOK 2B           | 73       | AR-Y1003   | MORGAN HILL AND GILROY            | W 7TH ST TO E 10TH ST                   | EMBANKMENT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION    | MASSING DIAGRAM 2      |
| BOOK 2B           | 74       | AR-Y1004   | MORGAN HILL AND GILROY            | N/A                                     | EMBANKMENT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION    | FACILITY SIZING TABLE  |
| BOOK 2B           | 75       | AR-Y1005   | MORGAN HILL AND GILROY            | N/A                                     | EMBANKMENT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION    | FACILITY SIZING TABLE  |
| BOOK 2B           | 76       | AR-Y1006   | MORGAN HILL AND GILROY            | N/A                                     | EMBANKMENT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION    | FACILITY SIZING TABLE  |
| BOOK 2B           | 77       | AR-Y1007   | MORGAN HILL AND GILROY            | N/A                                     | EMBANKMENT TO DOWNTOWN GILROY | DOWNTOWN GILROY STATION    | FACILITY SIZING TABLE  |
| <b>STRUCTURES</b> |          |            |                                   |   |                               |                            |                        |
| BOOK 2B           | 78       | ST-V0251   | SAN JOSE DIRIDON STATION APPROACH | LAFAYETTE ST                            | VIADUCT TO SCOTT BLVD         | COMPLEX STRUCTURES         | GENERAL PLAN 1 OF 5    |
| BOOK 2B           | 79       | ST-V0252   | SAN JOSE DIRIDON STATION APPROACH | DE LA CRUZ BLVD                         | VIADUCT TO SCOTT BLVD         | COMPLEX STRUCTURES         | GENERAL PLAN 2 OF 5    |
| BOOK 2B           | 80       | ST-V0253   | SAN JOSE DIRIDON STATION APPROACH | ENTON ST, I 880                         | VIADUCT TO SCOTT BLVD         | COMPLEX STRUCTURES         | GENERAL PLAN 3 OF 5    |
| BOOK 2B           | 81       | ST-V0254   | SAN JOSE DIRIDON STATION APPROACH | W TAYLOR ST                             | VIADUCT TO SCOTT BLVD         | COMPLEX STRUCTURES         | GENERAL PLAN 4 OF 5    |
| BOOK 2B           | 82       | ST-V0255   | SAN JOSE DIRIDON STATION APPROACH | W SANTA CLARA ST                        | VIADUCT TO SCOTT BLVD         | COMPLEX STRUCTURES         | GENERAL PLAN 5 OF 5    |
| BOOK 2B           | 83       | ST-T0251   | SAN JOSE DIRIDON STATION APPROACH | DE LA CRUZ BLVD                         | VIADUCT TO SCOTT BLVD         | OVERPASSES AND UNDERPASSES | DE LA CRUZ BLVD        |
| BOOK 2B           | 84       | ST-T0252   | SAN JOSE DIRIDON STATION APPROACH | STOCKTON AVE, UPRR                      | VIADUCT TO SCOTT BLVD         | OVERPASSES AND UNDERPASSES | WEST HEDDING STREET    |
| BOOK 2B           | 85       | ST-T0401   | MONTEREY CORRIDOR                 | ALMADEN EXPY, CURTNER AVE               | VIADUCT/AT-GRADE              | OVERPASSES AND UNDERPASSES | GENERAL PLAN           |
| BOOK 2B           | 86       | ST-V0501   | MONTEREY CORRIDOR                 | ST HWY 82                               | AT-GRADE                      | COMPLEX STRUCTURES         | GENERAL PLAN           |
| BOOK 2B           | 87       | ST-T0501   | MONTEREY CORRIDOR                 | SKYWAY DR, CHYNOWETH AVE                | AT-GRADE                      | UNDERPASSES                | GENERAL PLAN           |
| BOOK 2B           | 88       | ST-T0502   | MONTEREY CORRIDOR                 | CAPITOL EXPY, BLOSSOM HILL RD           | AT-GRADE                      | MODIFY EXISTING BRIDGES    | GENERAL PLAN 1 OF 2    |
| BOOK 2B           | 89       | ST-T0503   | MONTEREY CORRIDOR                 | SR 85, BAILEY AVE                       | AT-GRADE                      | MODIFY EXISTING BRIDGES    | GENERAL PLAN 2 OF 2    |
| BOOK 2B           | 90       | ST-T0801   | MORGAN HILL AND GILROY            | MADRONE PKWY, DUNNE AVE                 | EMBANKMENT TO DOWNTOWN GILROY | UNDERPASSES                | GENERAL PLAN 1 OF 2    |
| BOOK 2B           | 91       | ST-T0802   | MORGAN HILL AND GILROY            | SAN PEDRO AVE, SAN MARTIN AVE           | EMBANKMENT TO DOWNTOWN GILROY | UNDERPASSES                | GENERAL PLAN 2 OF 2    |
| BOOK 2B           | 92       | ST-T1001   | MORGAN HILL AND GILROY            | MASTEN AVE, LAS ANIMAS AVE              | EMBANKMENT TO DOWNTOWN GILROY | UNDERPASSES                | GENERAL PLAN 1 OF 3    |
| BOOK 2B           | 93       | ST-T1002   | MORGAN HILL AND GILROY            | LEAVESLEY RD, CASEY LN                  | EMBANKMENT TO DOWNTOWN GILROY | UNDERPASSES                | GENERAL PLAN 2 OF 3    |
| BOOK 2B           | 94       | ST-T1003   | MORGAN HILL AND GILROY            | OLD GILROY ST, E 10TH ST                | EMBANKMENT TO DOWNTOWN GILROY | UNDERPASSES                | GENERAL PLAN 3 OF 3    |
| BOOK 2B           | 95       | ST-V1401   | PACHECO PASS                      | CALIFORNIA AQUEDUCT, CCID OUTSIDE CANAL | TUNNEL                        | COMPLEX STRUCTURES         | GENERAL PLAN           |
| BOOK 2B           | 96       | ST-V1601   | SAN JOAQUIN VALLEY                | SAN LUIS WASTEWAY, LOS BANOS CREEK      | HENRY MILLER ROAD             | COMPLEX STRUCTURES         | GENERAL PLAN           |

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High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**SAN JOSE TO MERCED**

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| CONTRACT NO. | HSR15-34 |
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**ALTERNATIVE 2 - EMBANKMENT TO DOWNTOWN GILROY**

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| <b>COVER, INDEX OF DRAWING AND KEY MAPS</b> |          |            |                                   |                               |                                |  |  |
| 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                                      |  |
| <b>ROADWAY</b>                              |          |            |                                   |                               |                                |  |  |
| <b>SAN JOSE DIRIDON STATION APPROACH</b>    |          |            |                                   |                               |                                |  |  |
| BOOK 2C                                     | 97       | 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                                     | 98       | 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                                     | 99       | CV-T0253   | SAN JOSE DIRIDON STATION APPROACH | STOCKTON AVE, ELM ST          | VIADUCT TO SCOTT BLVD          | PLAN, PROFILE AND TYPICAL SECTIONS                 | WEST HEDDING STREET                    |
| <b>MONTEREY CORRIDOR</b>                    |          |            |                                   |                               |                                |  |  |
| BOOK 2C                                     | 100      | CV-T0401   | MONTEREY CORRIDOR                 | WILLOW ST, W ALMA AVE         | VIADUCT/AT-GRADE               | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | SR87 ON-RAMP                           |
| BOOK 2C                                     | 101      | CV-T0402   | MONTEREY CORRIDOR                 | CURTNER AVE                   | VIADUCT/AT-GRADE               | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | ALMADEN ROAD AND CURTNER AVENUE        |
| BOOK 2C                                     | 102      | CV-T0501   | MONTEREY CORRIDOR                 | SKYWAY DR                     | AT-GRADE                       | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | SKYWAY DRIVE - DESIGN VARIANT A        |
| BOOK 2C                                     | 103      | CV-T0502   | MONTEREY CORRIDOR                 | SKYWAY DR                     | AT-GRADE                       | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | SKYWAY DRIVE - DESIGN VARIANT B        |
| BOOK 2C                                     | 104      | CV-T0503   | MONTEREY CORRIDOR                 | BRANHAM LN                    | AT-GRADE                       | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | BRANHAM LANE                           |
| BOOK 2C                                     | 105      | CV-T0504   | MONTEREY CORRIDOR                 | CHYNOWETH AVE                 | AT-GRADE                       | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | CHYNOWETH AVE                          |
| BOOK 2C                                     | 106      | CV-T0505   | MONTEREY CORRIDOR                 | BLOSSOM HILL RD, BRANHAM LN   | AT-GRADE                       | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | PED PATH - MULTIPLE LOCATIONS          |
| <b>MORGAN HILL AND GILROY</b>               |          |            |                                   |                               |                                |  |  |
| BOOK 2C                                     | 107      | CV-S0801   | MORGAN HILL AND GILROY            | BAILEY AVE, COCHRANE RD       | EMBANKMENT TO DOWNTOWN GILROY  | CIVIL DETAILS                                      |  |
| BOOK 2C                                     | 108      | CV-S0802   | MORGAN HILL AND GILROY            | SAN MARTIN AVE, BLANCHARD RD  | EMBANKMENT TO DOWNTOWN GILROY  | CIVIL DETAILS                                      |  |
| BOOK 2C                                     | 109      | CV-S1001   | MORGAN HILL AND GILROY            | COX AVE, E LUCHESSA AVE       | EMBANKMENT TO DOWNTOWN GILROY  | CIVIL DETAILS                                      |  |
| BOOK 2C                                     | 110      | CV-T0803   | MORGAN HILL AND GILROY            | PALM AVE                      | EMBANKMENT TO DOWNTOWN GILROY  | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | PALM AVE                               |
| BOOK 2C                                     | 111      | CV-T0804   | MORGAN HILL AND GILROY            | LIVE OAK AVE                  | EMBANKMENT TO DOWNTOWN GILROY  | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | LIVE OAK AVE                           |
| BOOK 2C                                     | 112      | CV-T0805   | MORGAN HILL AND GILROY            | MADRONE PKWY                  | EMBANKMENT TO DOWNTOWN GILROY  | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | MADRONE PARKWAY                        |
| BOOK 2C                                     | 113      | 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                                     | 114      | 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                                     | 115      | CV-T0808   | MORGAN HILL AND GILROY            | E MIDDLE AVE                  | EMBANKMENT TO DOWNTOWN GILROY  | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | EAST MIDDLE AVE                        |
| BOOK 2C                                     | 116      | 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                                     | 117      | CV-T0810   | MORGAN HILL AND GILROY            | W SAN MARTIN AVE              | EMBANKMENT TO DOWNTOWN GILROY  | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | SAN MARTIN AVE                         |
| BOOK 2C                                     | 118      | CV-T1001   | MORGAN HILL AND GILROY            | CHURCH AVE, MASTEN AVE        | EMBANKMENT TO DOWNTOWN GILROY  | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | CHURCH AVE                             |
| BOOK 2C                                     | 119      | CV-T1002   | MORGAN HILL AND GILROY            | MASTEN AVE                    | EMBANKMENT TO DOWNTOWN GILROY  | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | MASTEN AVE                             |
| BOOK 2C                                     | 120      | 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                                     | 121      | CV-T1004   | MORGAN HILL AND GILROY            | BUENA VISTA AVE               | EMBANKMENT TO DOWNTOWN GILROY  | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | BUENA VISTA                            |
| BOOK 2C                                     | 122      | CV-T1005   | MORGAN HILL AND GILROY            | COHANSEY AVE                  | EMBANKMENT TO DOWNTOWN GILROY  | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | COHANSEY AVENUE                        |
| BOOK 2C                                     | 123      | 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                                     | 124      | 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                                     | 125      | CV-T1008   | MORGAN HILL AND GILROY            | US 101, MAYOCK RD             | EMBANKMENT TO DOWNTOWN GILROY  | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | US 101                                 |

**SAN JOSE TO CVY EIR/S: VOLUME III  
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**

ALTERNATIVE 2  
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SHEET 4 OF 8

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| CONTRACT NO. | HSR15-34 |
| DRAWING NO.  | GE-A0204 |
| 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 2D | A        | COVER      | SAN JOSE TO MERCED SECTION | N/A  | SAN JOSE TO CENTRAL VALLEY WYE | ALTERNATIVE 2     | EMABNKMENT 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 | 126 | CV-S1401 | PACHECO PASS | ROMERO RD, CA-152 | TUNNEL | CIVIL DETAILS |  |
|---------|-----|----------|--------------|-------------------|--------|---------------|--|

**ROADWAY - SAN JOAQUIN VALLEY**

|         |     |          |                    |                                      |                   |  |                     |
|---------|-----|----------|--------------------|--------------------------------------|-------------------|--|---------------------|
| BOOK 2D | 127 | CV-S1601 | SAN JOAQUIN VALLEY | MONTEREY RD, INGOMAR GRADE           | HENRY MILLER ROAD | CIVIL DETAILS                                      |                     |
| BOOK 2D | 128 | 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 | 129 | CV-T1604 | SAN JOAQUIN VALLEY | HENRY MILLER ACCESS                  | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | HENRY MILLER ACCESS |
| BOOK 2D | 130 | CV-T1606 | SAN JOAQUIN VALLEY | HENRY MILLER RD AT MERCEY SPRINGS RD | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | MERCEY SPRINGS ROAD |
| BOOK 2D | 131 | CV-T1609 | SAN JOAQUIN VALLEY | DELTA RD                             | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | DELTA ROAD          |
| BOOK 2D | 132 | 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 | 133 | CV-T1611 | SAN JOAQUIN VALLEY | CARLUCCI RD                          | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | CARLUCCI ROAD       |
| BOOK 2D | 134 | CV-T1612 | SAN JOAQUIN VALLEY | HUTCHINS RD                          | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | HUTCHINS ROAD       |

**MAINTENANCE OF WAY**

|         |     |          |                        |     |                               |                             |                                    |
|---------|-----|----------|------------------------|-----|-------------------------------|-----------------------------|------------------------------------|
| BOOK 2D | 135 | MY-B1007 | MORGAN HILL AND GILROY | N/A | EMBANKMENT TO DOWNTOWN GILROY | MAINTENANCE OF WAY FACILITY | TYPICAL SECTIONS                   |
| BOOK 2D | 136 | 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 | 137 | TN-D1404 | PACHECO PASS | N/A                 | TUNNEL | TUNNEL 2 - PORTAL 1         |            |
| BOOK 2D | 138 | TN-D1405 | PACHECO PASS | ACCESS RD 1         | TUNNEL | TUNNEL PORTAL 2 ACCESS ROAD |            |
| BOOK 2D | 139 | TN-D1406 | PACHECO PASS | CALIFORNIA AQUEDUCT | TUNNEL | TUNNEL PORTAL 2 ACCESS ROAD |            |
| BOOK 2D | 140 | TN-D1407 | PACHECO PASS | ACCESS RD 2         | TUNNEL | TUNNEL PORTAL 2 ACCESS ROAD |            |
| BOOK 2D | 141 | TN-D1408 | PACHECO PASS | N/A                 | TUNNEL | LONGITUDINAL PROFILE        |            |
| BOOK 2D | 142 | TN-D1409 | PACHECO PASS | N/A                 | TUNNEL | GRADING DETAIL              |            |
| BOOK 2D | 143 | TN-D1410 | PACHECO PASS | N/A                 | TUNNEL | GRADING DETAIL              |            |
| BOOK 2D | 144 | TN-D1411 | PACHECO PASS | N/A                 | TUNNEL | GRADING DETAIL              |            |
| BOOK 2D | 145 | TN-D1412 | PACHECO PASS | N/A                 | TUNNEL | GRADING DETAIL              |            |
| BOOK 2D | 146 | TN-D1413 | PACHECO PASS | I-5, FAHEY RD       | TUNNEL | GRADING DETAIL              |            |
| BOOK 2D | 147 | TN-D1414 | PACHECO PASS | N/A                 | TUNNEL | TUNNEL 2 - PORTAL 1         | SECTIONS   |
| BOOK 2D | 148 | TN-D1415 | PACHECO PASS | N/A                 | TUNNEL | TUNNEL 2 - PORTAL 2         | APPROACH 1 |
| BOOK 2D | 149 | TN-D1416 | PACHECO PASS | N/A                 | TUNNEL | TUNNEL 2 - PORTAL 2         | APPROACH 2 |

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**

ALTERNATIVE 2  
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| CONTRACT NO.<br>HSR15-34 |
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| SCALE<br>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 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      |                               |
| BOOK 2E                                     | C        | GE-A0207   | ENTIRE ALTERNATIVE         | CONSTRUCTION STAGING  | INDEX OF DRAWING               | SHEET 7 OF 8      |                               |
| BOOK 2E                                     | D        | GE-A0208   | ENTIRE ALTERNATIVE         | ALIGNMENT DATA TABLES | INDEX OF DRAWING               | SHEET 8 OF 8      |                               |
| BOOK 2E                                     | E        | GE-D0201   | GENERAL                    | ENTIRE ALTERNATIVE    | KEY MAP                        | COMPOSITE PLAN    |                               |
| BOOK 2E                                     | F        | GE-D0202   | GENERAL                    | ENTIRE ALTERNATIVE    | KEY MAP                        | SYSTEMS SITES     |                               |

**CONSTRUCTION STAGING**

|         |     |          |                        |                            |                               |   |   |
|---------|-----|----------|------------------------|----------------------------|-------------------------------|---|---|
| BOOK 2E | 150 | CV-I0501 | MONTEREY CORRIDOR      | CAPITOL EXPY               | AT-GRADE                      | CONSTRUCTION STAGING-PHASE 1              | MODIFY EXISTING CAPITOL EXPRESSWAY OVERHEAD |
| BOOK 2E | 151 | CV-I0502 | MONTEREY CORRIDOR      | CAPITOL EXPY               | AT-GRADE                      | CONSTRUCTION STAGING-PHASE 2              | MODIFY EXISTING CAPITOL EXPRESSWAY OVERHEAD |
| BOOK 2E | 152 | CV-I0503 | MONTEREY CORRIDOR      | CAPITOL EXPY               | AT-GRADE                      | CONSTRUCTION STAGING-PHASE 3              | MODIFY EXISTING CAPITOL EXPRESSWAY OVERHEAD |
| BOOK 2E | 153 | CV-I0504 | MONTEREY CORRIDOR      | SKYWAY DR                  | AT-GRADE                      | CONSTRUCTION STAGING-PHASE 1              | SKYWAY DRIVE UNDERCROSSING                  |
| BOOK 2E | 154 | CV-I0505 | MONTEREY CORRIDOR      | SKYWAY DR                  | AT-GRADE                      | CONSTRUCTION STAGING-PHASE 2 & 3          | SKYWAY DRIVE UNDERCROSSING                  |
| BOOK 2E | 155 | CV-I0506 | MONTEREY CORRIDOR      | BRANHAM LN                 | AT-GRADE                      | CONSTRUCTION STAGING-PHASE 1              | BRANHAM LANE UNDERCROSSING                  |
| BOOK 2E | 156 | CV-I0507 | MONTEREY CORRIDOR      | BRANHAM LN                 | AT-GRADE                      | CONSTRUCTION STAGING-PHASE 2 & 3          | BRANHAM LANE UNDERCROSSING                  |
| BOOK 2E | 157 | CV-I0508 | MONTEREY CORRIDOR      | CHYNOWETH AVE              | AT-GRADE                      | CONSTRUCTION STAGING-PHASE 1              | CHYNOWETH AVENUE UNDERCROSSING              |
| BOOK 2E | 158 | CV-I0509 | MONTEREY CORRIDOR      | CHYNOWETH AVE              | AT-GRADE                      | CONSTRUCTION STAGING-PHASE 2 & 3          | CHYNOWETH AVENUE UNDERCROSSING              |
| BOOK 2E | 159 | 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 | 160 | 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 | 161 | 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 | 162 | 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 | 163 | 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 | 164 | 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 | 165 | 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 | 166 | 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 | 167 | 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 | 168 | 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 | 169 | 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 | 170 | 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 | 171 | 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 | 172 | CV-I0814 | MORGAN HILL AND GILROY | MAIN AVE, BUTTERFIELD BLVD | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 6         | DOWNTOWN MORGAN HILL                        |
| BOOK 2E | 173 | 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 | 174 | 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 | 175 | 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 | 176 | CV-I0818 | MORGAN HILL AND GILROY | MIDDLE AVE                 | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2 | MIDDLE AVENUE GRADE SEPARATION              |

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| SCALE<br>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>CONSTRUCTION STAGING</b> |          |            |                        |                                     |                               |   |  |
| BOOK 2E                     | 177      | 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                     | 178      | 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                     | 179      | 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                     | 180      | 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                     | 181      | 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                     | 182      | 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                     | 183      | 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                     | 184      | CV-I1015   | MORGAN HILL AND GILROY | CHURCH AVE                          | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2 | CHURCH AVENUE GRADE SEPARATION               |
| BOOK 2E                     | 185      | CV-I1016   | MORGAN HILL AND GILROY | MASTEN AVE                          | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 1 | MASTEN AVENUE GRADE SEPARATION               |
| BOOK 2E                     | 186      | CV-I1017   | MORGAN HILL AND GILROY | MASTEN AVE                          | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 2 | MASTEN AVENUE GRADE SEPARATION               |
| BOOK 2E                     | 187      | CV-I1018   | MORGAN HILL AND GILROY | MASTEN AVE                          | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 1 | MASTEN AVENUE GRADE SEPARATION               |
| BOOK 2E                     | 188      | CV-I1019   | MORGAN HILL AND GILROY | MASTEN AVE                          | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2 | MASTEN AVENUE GRADE SEPARATION               |
| BOOK 2E                     | 189      | CV-I1020   | MORGAN HILL AND GILROY | MASTEN AVE                          | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 1 | MASTEN AVENUE GRADE SEPARATION               |
| BOOK 2E                     | 190      | CV-I1021   | MORGAN HILL AND GILROY | MASTEN AVE                          | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 2 | MASTEN AVENUE GRADE SEPARATION               |
| BOOK 2E                     | 191      | CV-I1022   | MORGAN HILL AND GILROY | RUCKER AVE                          | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 1 | RUCKER AVENUE GRADE SEPARATION               |
| BOOK 2E                     | 192      | CV-I1023   | MORGAN HILL AND GILROY | RUCKER AVE                          | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 2 | RUCKER AVENUE GRADE SEPARATION               |
| BOOK 2E                     | 193      | CV-I1024   | MORGAN HILL AND GILROY | RUCKER AVE                          | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 1 | RUCKER AVENUE GRADE SEPARATION               |
| BOOK 2E                     | 194      | CV-I1025   | MORGAN HILL AND GILROY | RUCKER AVE                          | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2 | RUCKER AVENUE GRADE SEPARATION               |
| BOOK 2E                     | 195      | CV-I1026   | MORGAN HILL AND GILROY | RUCKER AVE                          | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 3         | RUCKER AVENUE GRADE SEPARATION               |
| BOOK 2E                     | 196      | CV-I1027   | 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                     | 197      | CV-I1028   | 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                     | 198      | CV-I1029   | 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                     | 199      | CV-I1030   | 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                     | 200      | CV-I1031   | 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                     | 201      | CV-I1032   | 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                     | 202      | CV-I1038   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 1 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 203      | CV-I1039   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 2 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 204      | CV-I1040   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 3 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 205      | CV-I1041   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 1-STAGE 4 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 206      | CV-I1042   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 1 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 207      | CV-I1043   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 2-STAGE 2 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 208      | CV-I1044   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 1 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 209      | CV-I1045   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 2 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 210      | CV-I1046   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 3 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 211      | CV-I1047   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 3-STAGE 4 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 212      | CV-I1048   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 4-STAGE 1 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 213      | CV-I1049   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 4-STAGE 2 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 214      | CV-I1050   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 4-STAGE 3 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 215      | CV-I1051   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 4-STAGE 5 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 216      | CV-I1052   | MORGAN HILL AND GILROY | LEAVESLEY RD, US 101                | EMBANKMENT TO DOWNTOWN GILROY | CONSTRUCTION STAGING PLAN-PHASE 5-STAGE 1 | DOWNTOWN GILROY                              |
| BOOK 2E                     | 217      | CV-I1601   | SAN JOAQUIN VALLEY     | N/A                                 | HENRY MILLER ROAD             | CONSTRUCTION STAGING PLAN                 | GENERAL NOTES                                |
| BOOK 2E                     | 218      | CV-I1602   | SAN JOAQUIN VALLEY     | INGOMAR GRADE RD AT HENRY MILLER RD | HENRY MILLER ROAD             | CONSTRUCTION STAGING PLAN                 | HENRY MILLER ROAD GRADE SEPARATION           |
| BOOK 2E                     | 219      | CV-I1603   | SAN JOAQUIN VALLEY     | HENRY MILLER RD                     | HENRY MILLER ROAD             | CONSTRUCTION STAGING PLAN                 | HENRY MILLER ROAD GRADE SEPARATION           |
| BOOK 2E                     | 220      | 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 2E                     | 221      | CV-I1605   | SAN JOAQUIN VALLEY     | HENRY MILLER RD AT DELTA RD         | HENRY MILLER ROAD             | CONSTRUCTION STAGING PLAN                 | DELTA ROAD GRADE SEPARATION                  |
| BOOK 2E                     | 222      | CV-I1606   | SAN JOAQUIN VALLEY     | HENRY MILLER RD AT TURNER ISLAND RD | HENRY MILLER ROAD             | CONSTRUCTION STAGING PLAN                 | TURNER ISLAND ROAD GRADE SEPARATION          |
| BOOK 2E                     | 223      | 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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**CALIFORNIA**  
High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**SAN JOSE TO MERCED**

ALTERNATIVE 2  
INDEX OF DRAWING  
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|              |          |
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| 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   | 224      | TT-B0201-JM | SAN JOSE DIRIDON STATION APPROACH | N/A                 | VIADUCT TO SCOTT BLVD      | TRACK ALIGNMENT DATA TABLE    | CURVE NO. C183 AND C184  |
| BOOK 2E   | 225      | TT-B0202-JM | SAN JOSE DIRIDON STATION APPROACH | N/A                 | VIADUCT TO SCOTT BLVD      | TRACK ALIGNMENT DATA TABLE    | CURVE NO. C185 AND C186  |
| BOOK 2E   | 226      | TT-B0201    | MORGAN HILL AND GILROY            | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C301 AND C302  |
| BOOK 2E   | 227      | TT-B0202    | MORGAN HILL AND GILROY            | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C303 AND C304  |
| BOOK 2E   | 228      | TT-B0203    | GILROY                            | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C305 AND C306  |
| BOOK 2E   | 229      | TT-B0204    | GILROY                            | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C307 AND C308  |
| BOOK 2E   | 230      | TT-B0205    | GILROY                            | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C309 AND C310  |
| BOOK 2E   | 231      | TT-B0206    | GILROY                            | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C311 AND C312  |
| BOOK 2E   | 232      | TT-B0207    | GILROY                            | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C313 AND C314  |
| BOOK 2E   | 233      | TT-B0208    | DOWNTOWN GILROY                   | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C315 AND C316  |
| BOOK 2E   | 234      | TT-B0209    | DOWNTOWN GILROY                   | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C317 AND C318  |
| BOOK 2E   | 235      | TT-B0210    | DOWNTOWN GILROY                   | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C319 AND C320  |
| BOOK 2E   | 236      | TT-B0211    | DOWNTOWN GILROY                   | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C321           |
| BOOK 2E   | 237      | TT-B0120    | MORGAN HILL AND GILROY            | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C127 AND C128  |
| BOOK 2E   | 238      | TT-B0121    | MORGAN HILL AND GILROY            | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C129           |
| BOOK 2E   | 239      | TT-B0122    | MORGAN HILL AND GILROY            | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C130           |
| BOOK 2E   | 240      | TT-B0123    | PACHECO PASS                      | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C131           |
| BOOK 2E   | 241      | TT-B0124    | PACHECO PASS                      | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C132 AND C133  |
| BOOK 2E   | 242      | TT-B0125    | PACHECO PASS                      | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C134 AND C135  |
| BOOK 2E   | 243      | TT-B0126    | PACHECO PASS                      | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C136           |
| BOOK 2E   | 244      | TT-B0127    | SAN JOAQUIN VALLEY                | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C137           |
| BOOK 2E   | 245      | TT-B0128    | SAN JOAQUIN VALLEY                | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C138 AND C139  |
| BOOK 2E   | 246      | TT-B0129    | SAN JOAQUIN VALLEY                | N/A                 | TRACK GUIDEWAY             | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C140           |
| BOOK 2E   | 247      | TT-B0130    | MORGAN HILL AND GILROY            | N/A                 | TRACK GUIDEWAY             | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C230           |
| BOOK 2E   | 248      | TT-B0131    | MORGAN HILL AND GILROY            | N/A                 | TRACK GUIDEWAY             | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C231 AND C231A |
| BOOK 2E   | 249      | TT-B0132    | PACHECO PASS                      | N/A                 | TRACK GUIDEWAY             | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C232 AND C233  |
| BOOK 2E   | 250      | TT-B0133    | PACHECO PASS                      | N/A                 | TRACK GUIDEWAY             | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C234 AND C235  |
| BOOK 2E   | 251      | 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   | 252      | CV-B0101    | MONTEREY CORRIDOR                 | N/A                 | VIADUCT                    | ALIGNMENT DATA TABLE          |                          |
| BOOK 2E   | 253      | CV-T0201    | MORGAN HILL AND GILROY            | N/A                 | VIADUCT TO DOWNTOWN GILROY | ALIGNMENT DATA TABLE          |                          |

**SAN JOSE TO CVY EIR/S: VOLUME III  
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**CALIFORNIA**  
High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**SAN JOSE TO MERCED**

ALTERNATIVE 2  
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| CONTRACT NO.<br>HSR15-34 |
| DRAWING NO.<br>GE-A0208  |
| SCALE<br>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    |

**MONTEREY CORRIDOR**

|         |   |          |                   |                                       |                  |  |                    |
|---------|---|----------|-------------------|---------------------------------------|------------------|--|--------------------|
| BOOK 3A | 5 | 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 | 6 | TT-D0601 | MONTEREY CORRIDOR | COMMUNICATION HILL BLVD TO ESFAHAN CT | VIADUCT          | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B211+00 TO B285+00 |
| BOOK 3A | 7 | TT-D0602 | MONTEREY CORRIDOR | CAPITOL EXPY TO SKYWAY DR             | VIADUCT          | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B285+00 TO B373+00 |
| BOOK 3A | 8 | TT-D0603 | MONTEREY CORRIDOR | BRANHAM LN TO BLOSSOM HILL RD         | VIADUCT          | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B373+00 TO B462+00 |
| BOOK 3A | 9 | TT-D0604 | MONTEREY CORRIDOR | FORD RD                               | VIADUCT          | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B462+00 TO B552+00 |

**MORGAN HILL AND GILROY**

|         |    |          |                        |                               |                            |  |                         |
|---------|----|----------|------------------------|-------------------------------|----------------------------|--|-------------------------|
| BOOK 3A | 10 | 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 | 11 | 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 | 12 | 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 | 13 | 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 | 14 | 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 | 15 | 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 | 16 | 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 | 17 | 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 | 18 | 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 | 19 | 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 | 20 | 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 | 21 | 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 | 22 | TT-D1105 | MORGAN HILL AND GILROY | GILMAN RD TO HOLSCRAW RD      | VIADUCT TO EAST GILROY     | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B1683+00 TO B1770+00    |
| BOOK 3A | 23 | 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 | 24 | TT-D1107 | MORGAN HILL AND GILROY | N/A                           | VIADUCT TO EAST GILROY     | UPRR FREIGHT TRACK PROFILE                 |                         |
| BOOK 3A | 25 | 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 | 26 | 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 | 27 | 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 | 28 | 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 | 29 | TT-D1305 | MORGAN HILL AND GILROY | SR 152                        | VIADUCT TO EAST GILROY     | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B2215+00 TO B2291+73.48 |

**SAN JOSE TO CVY EIR/S: VOLUME III  
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**CALIFORNIA**  
High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**SAN JOSE TO MERCED**

ALTERNATIVE 3  
INDEX OF DRAWING  
SHEET 1 OF 7

|              |          |
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| 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 |
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**COVER, INDEX OF DRAWING AND KEY MAPS**

|         |   |          |   |                         |                                |                |                        |
|---------|---|----------|---|-------------------------|--------------------------------|----------------|------------------------|
| 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 | 30 | TT-D1401 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B2362+00 TO B3205+00 |
| BOOK 3B | 31 | TT-D1402 | PACHECO PASS | SERVICE ROAD 1       | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3205+00 TO B3295+00 |
| BOOK 3B | 32 | TT-D1403 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3295+00 TO B3385+00 |
| BOOK 3B | 33 | TT-D1404 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3385+00 TO B3475+00 |
| BOOK 3B | 34 | TT-D1405 | PACHECO PASS | SR 152               | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3475+00 TO B3565+00 |
| BOOK 3B | 35 | TT-D1406 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3565+00 TO B3655+00 |
| BOOK 3B | 36 | TT-D1407 | PACHECO PASS | SR 152               | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3655+00 TO B3745+00 |
| BOOK 3B | 37 | TT-D1408 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3745+00 TO B3835+00 |
| BOOK 3B | 38 | TT-D1409 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3835+00 TO B3923+00 |
| BOOK 3B | 39 | TT-D1410 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3923+00 TO B4014+00 |
| BOOK 3B | 40 | TT-D1411 | PACHECO PASS | MCCABE RD            | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4014+00 TO B4105+00 |
| BOOK 3B | 41 | TT-D1412 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4105+00 TO B4196+00 |
| BOOK 3B | 42 | TT-D1413 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4196+00 TO B4287+00 |
| BOOK 3B | 43 | 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 | 44 | TT-D1601 | SAN JOAQUIN VALLEY | FAHEY RD                     | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4372+00 TO B4445+00    |
| BOOK 3B | 45 | TT-D1602 | SAN JOAQUIN VALLEY | CCID MAIN CANAL              | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4445+00 TO B4533+00    |
| BOOK 3B | 46 | TT-D1603 | SAN JOAQUIN VALLEY | INGOMAR GRADE RD             | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4533+00 TO B4614+00    |
| BOOK 3B | 47 | 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 | 48 | TT-D1605 | SAN JOAQUIN VALLEY | MONROE AVE                   | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4686+00 TO B4758+00    |
| BOOK 3B | 49 | 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 | 50 | 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 | 51 | TT-D1608 | SAN JOAQUIN VALLEY | N/A                          | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4932+00 TO B5020+00    |
| BOOK 3B | 52 | 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 | 53 | 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 | 54 | TT-D1611 | SAN JOAQUIN VALLEY | TURNER ISLAND RD             | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B5193+00 TO B5282+00    |
| BOOK 3B | 55 | TT-D1612 | SAN JOAQUIN VALLEY | CARLUCCI RD                  | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B5282+00 TO B5366+28.52 |

**SAN JOSE TO CVY EIR/S: VOLUME III  
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**SAN JOSE TO MERCED**

ALTERNATIVE 3  
INDEX OF DRAWING  
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| CONTRACT NO. | HSR15-34 |
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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 |
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| <b>STATIONS</b> |          |            |                                   |                                |                        |                               |                        |
| BOOK 3B         | 56       | AR-C0101   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST TO PARK AVE     | VIADUCT TO I-880       | SAN JOSE DIRIDON STATION      | CONCEPTUAL SITE PLAN   |
| BOOK 3B         | 57       | 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         | 58       | 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         | 59       | AR-Y0101   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST TO PARK AVE     | VIADUCT TO I-880       | SAN JOSE DIRIDON STATION      | CROSS SECTION          |
| BOOK 3B         | 60       | AR-Y0102   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST TO PARK AVE     | VIADUCT TO I-880       | SAN JOSE DIRIDON STATION      | MASSING DIAGRAM        |
| BOOK 3B         | 61       | AR-Y0103   | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST TO PARK AVE     | VIADUCT TO I-880       | SAN JOSE DIRIDON STATION      | MASSING DIAGRAM        |
| BOOK 3B         | 62       | AR-Y0104   | SAN JOSE DIRIDON STATION APPROACH | N/A                            | VIADUCT TO I-880       | SAN JOSE DIRIDON STATION      | FACILITY SIZING TABLE  |
| BOOK 3B         | 63       | AR-Y0105   | SAN JOSE DIRIDON STATION APPROACH | N/A                            | VIADUCT TO I-880       | SAN JOSE DIRIDON STATION      | FACILITY SIZING TABLE  |
| BOOK 3B         | 64       | AR-Y0106   | SAN JOSE DIRIDON STATION APPROACH | N/A                            | VIADUCT TO I-880       | SAN JOSE DIRIDON STATION      | FACILITY SIZING TABLE  |
| BOOK 3B         | 65       | AR-Y0107   | SAN JOSE DIRIDON STATION APPROACH | N/A                            | VIADUCT TO I-880       | SAN JOSE DIRIDON STATION      | FACILITY SIZING TABLE  |
| BOOK 3B         | 66       | AR-C1101   | MORGAN HILL AND GILROY            | LAS ANIMAS AVE TO LEAVESLEY RD | VIADUCT TO EAST GILROY | EAST GILROY STATION - VIADUCT | CONCEPTUAL SITE PLAN   |
| BOOK 3B         | 67       | AR-C1102   | MORGAN HILL AND GILROY            | LEAVESLEY RD                   | VIADUCT TO EAST GILROY | EAST GILROY STATION - VIADUCT | DETAILED SITE PLAN     |
| BOOK 3B         | 68       | AR-F1101   | MORGAN HILL AND GILROY            | N/A                            | VIADUCT TO EAST GILROY | EAST GILROY STATION - VIADUCT | CONCOURSE PLAN         |
| BOOK 3B         | 69       | AR-Y1101   | MORGAN HILL AND GILROY            | N/A                            | VIADUCT TO EAST GILROY | EAST GILROY STATION - VIADUCT | CROSS SECTION          |
| BOOK 3B         | 70       | AR-Y1102   | MORGAN HILL AND GILROY            | N/A                            | VIADUCT TO EAST GILROY | EAST GILROY STATION - VIADUCT | MASSING DIAGRAM        |
| BOOK 3B         | 71       | AR-Y1103   | MORGAN HILL AND GILROY            | N/A                            | VIADUCT TO EAST GILROY | EAST GILROY STATION - VIADUCT | MASSING DIAGRAM        |
| BOOK 3B         | 72       | AR-Y1104   | MORGAN HILL AND GILROY            | N/A                            | VIADUCT TO EAST GILROY | EAST GILROY STATION - VIADUCT | FACILITY SIZING TABLE  |
| BOOK 3B         | 73       | AR-Y1105   | MORGAN HILL AND GILROY            | N/A                            | VIADUCT TO EAST GILROY | EAST GILROY STATION - VIADUCT | FACILITY SIZING TABLE  |
| BOOK 3B         | 74       | 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  
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| CONTRACT NO.<br>HSR15-34 |
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**ALTERNATIVE 3 - VIADUCT TO EAST GILROY**

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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 | 75 | ST-V0151 | SAN JOSE DIRIDON STATION APPROACH | W TAYLOR ST                             | VIADUCT TO I-880           | COMPLEX STRUCTURES         | GENERAL PLAN 1 OF 2      |
| BOOK 3C | 76 | ST-V0152 | SAN JOSE DIRIDON STATION APPROACH | W SANTA CLARA ST                        | VIADUCT TO I-880           | COMPLEX STRUCTURES         | GENERAL PLAN 2 OF 2      |
| BOOK 3C | 77 | 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 | 78 | ST-V0301 | SAN JOSE DIRIDON STATION APPROACH | N/A                                     | VIADUCT TO I-880           | TYPICAL SECTIONS           | SHEET 1 OF 3             |
| BOOK 3C | 79 | ST-V0302 | SAN JOSE DIRIDON STATION APPROACH | N/A                                     | VIADUCT TO I-880           | TYPICAL SECTIONS           | SHEET 2 OF 3             |
| BOOK 3C | 80 | ST-V0303 | SAN JOSE DIRIDON STATION APPROACH | N/A                                     | VIADUCT TO I-880           | TYPICAL SECTIONS           | SHEET 3 OF 3             |
| BOOK 3C | 81 | ST-T0301 | SAN JOSE DIRIDON STATION APPROACH | I-880, SR 85                            | VIADUCT TO I-880           | CALTRANS STRUCTURES        | GENERAL PLAN             |
| BOOK 3C | 82 | ST-T0401 | MONTEREY CORRIDOR                 | ALMADEN EXPY, CURTNER AVE               | VIADUCT/AT-GRADE           | OVERPASSES AND UNDERPASSES | GENERAL PLAN             |
| BOOK 3C | 83 | ST-V0601 | MONTEREY CORRIDOR                 | CAPITOL CALTRAIN, CAPITOL EXPY          | VIADUCT                    | COMPLEX STRUCTURES         | GENERAL PLAN 1 OF 2      |
| BOOK 3C | 84 | ST-V0602 | MONTEREY CORRIDOR                 | BLOSSOM HILL RD, BERNAL RD              | VIADUCT                    | COMPLEX STRUCTURES         | GENERAL PLAN 2 OF 2      |
| BOOK 3C | 85 | ST-V0701 | MORGAN HILL AND GILROY            | BAILEY AVE, COCHRANE RD                 | VIADUCT TO DOWNTOWN GILROY | COMPLEX STRUCTURES         | GENERAL PLAN 1 OF 2      |
| BOOK 3C | 86 | ST-V0702 | MORGAN HILL AND GILROY            | US 101, LLAGAS CREEK                    | VIADUCT TO DOWNTOWN GILROY | COMPLEX STRUCTURES         | GENERAL PLAN 2 OF 2      |
| BOOK 3C | 87 | ST-T0701 | MORGAN HILL AND GILROY            | BAILEY AVE, I-5                         | VIADUCT TO DOWNTOWN GILROY | CALTRANS STRUCTURES        | GENERAL PLAN             |
| BOOK 3C | 88 | ST-V0901 | MORGAN HILL AND GILROY            | US 101                                  | VIADUCT TO DOWNTOWN GILROY | COMPLEX STRUCTURES         | GENERAL PLAN             |
| BOOK 3C | 89 | ST-V1101 | MORGAN HILL AND GILROY            | US 101, LLAGAS CREEK                    | VIADUCT TO EAST GILROY     | COMPLEX STRUCTURES         | GENERAL PLAN             |
| BOOK 3C | 90 | ST-V1401 | PACHECO PASS                      | CALIFORNIA AQUEDUCT, CCID OUTSIDE CANAL | TUNNEL                     | COMPLEX STRUCTURES         | GENERAL PLAN             |
| BOOK 3C | 91 | 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 | 92 | 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 | 93 | 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**

|         |    |          |                   | ROADWAY - MONTEREY CORRIDOR   |                  |  |                                 |
|---------|----|----------|-------------------|-------------------------------|------------------|--|---------------------------------|
| BOOK 3C | 94 | CV-S0601 | MONTEREY CORRIDOR | CAPITOL EXPY, BLOSSOM HILL RD | VIADUCT          | CIVIL DETAILS                                      |                                 |
| BOOK 3C | 95 | CV-T0401 | MONTEREY CORRIDOR | WILLOW ST, W ALMA AVE         | VIADUCT/AT-GRADE | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | SR87 ON-RAMP                    |
| BOOK 3C | 96 | CV-T0402 | MONTEREY CORRIDOR | CURTNER AVE                   | VIADUCT/AT-GRADE | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | ALMADEN ROAD AND CURTNER AVENUE |

**MONTEREY CORRIDOR**

|         |     |          |                        | ROADWAY - MONTEREY CORRIDOR  |                        |  |  |
|---------|-----|----------|------------------------|------------------------------|------------------------|--|--|
| BOOK 3C | 97  | CV-S1101 | MORGAN HILL AND GILROY | COHANSEY AVE, LAS ANIMAS AVE | VIADUCT TO EAST GILROY | CIVIL DETAILS                                      |  |
| BOOK 3C | 98  | 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 | 99  | CV-T1105 | MORGAN HILL AND GILROY | SR 152                       | VIADUCT TO EAST GILROY | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | SR 152                                   |
| BOOK 3C | 100 | 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 | 101 | CV-G1101 | MORGAN HILL AND GILROY | SR 152                       | VIADUCT TO EAST GILROY | SOAP LAKE FLOOD PLAIN                              | DETAIL                                   |

**MORGAN HILL AND GILROY**

|         |     |          |                        | ROADWAY - MORGAN HILL AND GILROY |                                     |  |                                  |
|---------|-----|----------|------------------------|----------------------------------|-------------------------------------|--|----------------------------------|
| BOOK 3C | 102 | CV-S0701 | MORGAN HILL AND GILROY | ACCESS RD TO MONTEREY RD         | VIADUCT TO DOWNTOWN GILROY          | CIVIL DETAILS                                      |                                  |
| BOOK 3C | 103 | CV-S0901 | MORGAN HILL AND GILROY | COHANSEY AVE, E LUCHESSA AVE     | VIADUCT TO DOWNTOWN GILROY          | CIVIL DETAILS                                      |                                  |
| BOOK 3C | 104 | CV-S1201 | MORGAN HILL AND GILROY | LAKE RD, SR 152                  | VIADUCT TO DOWNTOWN GILROY          | CIVIL DETAILS                                      |                                  |
| BOOK 3C | 105 | CV-T0704 | MORGAN HILL AND GILROY |                                  | VIADUCT TO DOWNTOWN GILROY          | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | MONTEREY ROAD                    |
| BOOK 3C | 106 | 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 | 107 | CV-T0909 | MORGAN HILL AND GILROY | BLOOMFIELD ACCESS RD             | VIADUCT TO DOWNTOWN GILROY          | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | BLOOMFIELD ACCESS ROAD           |
| BOOK 3C | 108 | 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  
GENERAL INFORMATION BOOK  
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**  
ALTERNATIVE 3  
INDEX OF DRAWING  
SHEET 4 OF 7

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| CONTRACT NO. | HSR15-34 |
| DRAWING NO.  | GE-A0304 |
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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>COVER, INDEX OF DRAWING AND KEY MAPS</b> |          |            |                            |   |                                |                   |                        |
| 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 | 109 | CV-S1401 | PACHECO PASS | ROMERO RD, CA-152 | TUNNEL | CIVIL DETAILS |  |
|---------|-----|----------|--------------|-------------------|--------|---------------|--|

**SAN JOAQUIN VALLEY**

|         |     |          |                    |                                     |                   |  |                     |
|---------|-----|----------|--------------------|-------------------------------------|-------------------|--|---------------------|
| BOOK 3D | 110 | CV-S1601 | SAN JOAQUIN VALLEY | MONTEREY RD, INGOMAR GRADE          | HENRY MILLER ROAD | CIVIL DETAILS                                      |                     |
| BOOK 3D | 111 | CV-T1603 | SAN JOAQUIN VALLEY | VOLTA RD, HENRY MILLER RD           | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | HENRY MILLER ROAD   |
| BOOK 3D | 112 | CV-T1604 | SAN JOAQUIN VALLEY | HENRY MILLER ACCESS                 | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | HENRY MILLER ACCESS |
| BOOK 3D | 113 | 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 | 114 | CV-T1609 | SAN JOAQUIN VALLEY | DELTA RD                            | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | DELTA ROAD          |
| BOOK 3D | 115 | 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 | 116 | CV-T1611 | SAN JOAQUIN VALLEY | CARLUCCI RD                         | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | CARLUCCI ROAD       |
| BOOK 3D | 117 | CV-T1612 | SAN JOAQUIN VALLEY | HUTCHINS RD                         | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | HUTCHINS ROAD       |

**MAINTENANCE OF WAY**

|         |     |          |                        |                              |                            |                             |                           |
|---------|-----|----------|------------------------|------------------------------|----------------------------|-----------------------------|---------------------------|
| BOOK 3D | 118 | MY-B0906 | MORGAN HILL AND GILROY | CARNADERO AVE TO SHELDON AVE | VIADUCT TO DOWNTOWN GILROY | MAINTENANCE OF WAY FACILITY | DETAIL PLAN               |
| BOOK 3D | 119 | MY-B0907 | MORGAN HILL AND GILROY | CARNADERO AVE TO SHELDON AVE | VIADUCT TO DOWNTOWN GILROY | MAINTENANCE OF WAY FACILITY | DETAIL PLAN               |
| BOOK 3D | 120 | MY-B0908 | MORGAN HILL AND GILROY | N/A                          | VIADUCT TO DOWNTOWN GILROY | MAINTENANCE OF WAY FACILITY | DETAIL PLAN               |
| BOOK 3D | 121 | MY-B1106 | MORGAN HILL AND GILROY | N/A                          | VIADUCT TO EAST GILROY     | MAINTENANCE OF WAY FACILITY | DETAIL PLAN               |
| BOOK 3D | 122 | MY-B1107 | MORGAN HILL AND GILROY | SR 152, JONES CREEK          | VIADUCT TO EAST GILROY     | MAINTENANCE OF WAY FACILITY | TYPICAL SECTIONS          |
| BOOK 3D | 123 | MY-B1108 | MORGAN HILL AND GILROY | N/A                          | VIADUCT TO EAST GILROY     | MAINTENANCE OF WAY FACILITY | PLAN AND TYPICAL SECTIONS |

**TUNNELS - PACHECO PASS**

|         |     |          |              |                     |        |                             |            |
|---------|-----|----------|--------------|---------------------|--------|-----------------------------|------------|
| BOOK 3D | 124 | TN-D1301 | PACHECO PASS | PACHECO PASS RD     | TUNNEL | TUNNEL 1 - PORTAL 1         |            |
| BOOK 3D | 125 | TN-D1302 | PACHECO PASS | SR 152              | TUNNEL | TUNNEL 1 - PORTAL 2         |            |
| BOOK 3D | 126 | TN-D1404 | PACHECO PASS | N/A                 | TUNNEL | TUNNEL 2 - PORTAL 1         |            |
| BOOK 3D | 127 | TN-D1405 | PACHECO PASS | ACCESS RD 1         | TUNNEL | TUNNEL PORTAL 2 ACCESS ROAD |            |
| BOOK 3D | 128 | TN-D1406 | PACHECO PASS | CALIFORNIA AQUEDUCT | TUNNEL | TUNNEL PORTAL 2 ACCESS ROAD |            |
| BOOK 3D | 129 | TN-D1407 | PACHECO PASS | ACCESS RD 2         | TUNNEL | TUNNEL PORTAL 2 ACCESS ROAD |            |
| BOOK 3D | 130 | TN-D1408 | PACHECO PASS | N/A                 | TUNNEL | LONGITUDINAL PROFILE        |            |
| BOOK 3D | 131 | TN-D1409 | PACHECO PASS | N/A                 | TUNNEL | GRADING DETAIL              |            |
| BOOK 3D | 132 | TN-D1410 | PACHECO PASS | N/A                 | TUNNEL | GRADING DETAIL              |            |
| BOOK 3D | 133 | TN-D1411 | PACHECO PASS | N/A                 | TUNNEL | GRADING DETAIL              |            |
| BOOK 3D | 134 | TN-D1412 | PACHECO PASS | N/A                 | TUNNEL | GRADING DETAIL              |            |
| BOOK 3D | 135 | TN-D1413 | PACHECO PASS | I-5, FAHEY RD       | TUNNEL | GRADING DETAIL              |            |
| BOOK 3D | 136 | TN-D1414 | PACHECO PASS | N/A                 | TUNNEL | TUNNEL 2 - PORTAL 1         | SECTIONS   |
| BOOK 3D | 137 | TN-D1415 | PACHECO PASS | N/A                 | TUNNEL | TUNNEL 2 - PORTAL 2         | APPROACH 1 |
| BOOK 3D | 138 | TN-D1416 | PACHECO PASS | N/A                 | TUNNEL | TUNNEL 2 - PORTAL 2         | APPROACH 2 |

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**

ALTERNATIVE 3  
INDEX OF DRAWING  
SHEET 5 OF 7

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| CONTRACT NO. | HSR15-34 |
| DRAWING NO.  | GE-A0305 |
| 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>COVER, INDEX OF DRAWING AND KEY MAPS</b> |          |            |                            |                      |                                |                   |                        |
| 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 | 139 | 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 | 140 | 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 | 141 | 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 | 142 | 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 | 143 | CV-I0405A | MONTEREY CORRIDOR      | ALMADEN RD                           | VIADUCT                    | CONSTRUCTION STAGING-PHASE 1-STAGE 1           | ALMADEN RD UNDERPASS                              |
| BOOK 3E | 144 | CV-I0405B | MONTEREY CORRIDOR      | ALMADEN RD                           | VIADUCT                    | CONSTRUCTION STAGING-PHASE 1-STAGE 2           | ALMADEN RD UNDERPASS                              |
| BOOK 3E | 145 | CV-I0405C | MONTEREY CORRIDOR      | ALMADEN RD                           | VIADUCT                    | CONSTRUCTION STAGING-PHASE 1-STAGE 3           | ALMADEN RD UNDERPASS                              |
| BOOK 3E | 146 | CV-I0406  | MONTEREY CORRIDOR      | ALMADEN RD                           | VIADUCT                    | CONSTRUCTION STAGING-PHASE 2                   | ALMADEN RD UNDERPASS                              |
| BOOK 3E | 147 | CV-I0407  | MONTEREY CORRIDOR      | ALMADEN RD                           | VIADUCT                    | CONSTRUCTION STAGING-PHASE 3                   | ALMADEN RD UNDERPASS                              |
| BOOK 3E | 148 | CV-I0408  | MONTEREY CORRIDOR      | SR 87, UPRR                          | VIADUCT                    | CONSTRUCTION STAGING-PHASE 1-STAGES 1 & 2      | MODIFY EXISTING ALMADEN EXPRESSWAY OVERHEAD       |
| BOOK 3E | 149 | CV-I0409  | MONTEREY CORRIDOR      | SR 87, UPRR                          | VIADUCT                    | CONSTRUCTION STAGING-PHASE 1-STAGES 3          | MODIFY EXISTING ALMADEN EXPRESSWAY OVERHEAD       |
| BOOK 3E | 150 | CV-I0410  | MONTEREY CORRIDOR      | SR 87, UPRR                          | VIADUCT                    | CONSTRUCTION STAGING-PHASE 2                   | MODIFY EXISTING ALMADEN EXPRESSWAY OVERHEAD       |
| BOOK 3E | 151 | CV-I0411  | MONTEREY CORRIDOR      | SR 87, UPRR                          | VIADUCT                    | CONSTRUCTION STAGING-PHASE 3                   | MODIFY EXISTING ALMADEN EXPRESSWAY OVERHEAD       |
| BOOK 3E | 152 | CV-I0412  | MONTEREY CORRIDOR      | UPRR                                 | VIADUCT                    | CONSTRUCTION STAGING-PHASE 1                   | MODIFY EXISTING CURTNER AVENUE OVERHEAD           |
| BOOK 3E | 153 | CV-I0413  | MONTEREY CORRIDOR      | UPRR                                 | VIADUCT                    | CONSTRUCTION STAGING-PHASES 2 & 3              | MODIFY EXISTING CURTNER AVENUE OVERHEAD           |
| BOOK 3E | 154 | CV-I1001  | MORGAN HILL AND GILROY | N/A                                  | VIADUCT TO DOWNTOWN GILROY | CONSTRUCTION PHASING / STAGING PLAN            | GENERAL NOTES                                     |
| BOOK 3E | 155 | 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 | 156 | 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 | 157 | 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 | 158 | 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 | 159 | 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 | 160 | 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 | 161 | CV-I1101  | MORGAN HILL AND GILROY | N/A                                  | VIADUCT TO EAST GILROY     | GENERAL NOTES                                  | CONSTRUCTION PHASING / STAGING PLAN               |
| BOOK 3E | 162 | 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 | 163 | 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 | 164 | 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 | 165 | 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 | 166 | 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 | 167 | 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 | 168 | 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 | 169 | 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 | 170 | 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 | 171 | CV-I1601  | SAN JOAQUIN VALLEY     | N/A                                  | HENRY MILLER ROAD          | CONSTRUCTION STAGING PLAN                      | GENERAL NOTES                                     |
| BOOK 3E | 172 | 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 | 173 | CV-I1603  | SAN JOAQUIN VALLEY     | HENRY MILLER RD                      | HENRY MILLER ROAD          | CONSTRUCTION STAGING PLAN                      | HENRY MILLER ROAD GRADE SEPARATION                |
| BOOK 3E | 174 | CV-I1604  | SAN JOAQUIN VALLEY     | HENRY MILLER RD AT MERCEY SPRINGS RD | HENRY MILLER ROAD          | CONSTRUCTION STAGING PLAN                      | SR-165 / MERCEY SPRINGS ROAD GRADE SEPARATION     |
| BOOK 3E | 175 | CV-I1605  | SAN JOAQUIN VALLEY     | HENRY MILLER RD AT DELTA RD          | HENRY MILLER ROAD          | CONSTRUCTION STAGING PLAN                      | DELTA ROAD GRADE SEPARATION                       |
| BOOK 3E | 176 | 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 | 177 | CV-I1607  | SAN JOAQUIN VALLEY     | HENRY MILLER RD AT CARLUCCI RD       | HENRY MILLER ROAD          | CONSTRUCTION STAGING PLAN                      | CARLUCCI ROAD GRADE SEPARATION                    |

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 26 OF 64**

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**CALIFORNIA**  
High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**SAN JOSE TO MERCED**

ALTERNATIVE 3  
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SHEET 6 OF 7

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| CONTRACT NO.<br>HSR15-34 |
| DRAWING NO.<br>GE-A0306  |
| SCALE<br>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 | 178 | 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 | 179 | 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 | 180 | TT-B0103-JM | SAN JOSE DIRIDON STATION APPROACH | N/A | VIADUCT TO I-880 | TRACK ALIGNMENT DATA TABLE    | CURVE NO. C193           |
| BOOK 3F | 181 | 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 | 182 | TT-B0105    | MONTEREY CORRIDOR                 | N/A | VIADUCT TO I-880 | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C103 AND C104  |
| BOOK 3F | 183 | TT-B0106    | MONTEREY CORRIDOR                 | N/A | VIADUCT/AT-GRADE | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C105 AND C106  |
| BOOK 3F | 184 | TT-B0107    | MONTEREY CORRIDOR                 | N/A | VIADUCT/AT-GRADE | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C107           |
| BOOK 3F | 185 | TT-B0108    | MONTEREY CORRIDOR                 | N/A | VIADUCT          | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C108 AND C109  |
| BOOK 3F | 186 | TT-B0109    | MONTEREY CORRIDOR                 | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C110 AND C111  |
| BOOK 3F | 187 | TT-B0110    | MONTEREY CORRIDOR                 | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C112           |
| BOOK 3F | 188 | TT-B0111    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C113 AND C114  |
| BOOK 3F | 189 | TT-B0112    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C115 AND C116  |
| BOOK 3F | 190 | TT-B0113    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C117 AND C118  |
| BOOK 3F | 191 | TT-B0114    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C119 AND C120  |
| BOOK 3F | 192 | TT-B0115    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C121           |
| BOOK 3F | 193 | TT-B0116    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C122           |
| BOOK 3F | 194 | TT-B0117    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C123           |
| BOOK 3F | 195 | TT-B0118    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C124 AND C125  |
| BOOK 3F | 196 | TT-B0119    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C126           |
| BOOK 3F | 197 | TT-B0120    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C127 AND C128  |
| BOOK 3F | 198 | TT-B0121    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C129           |
| BOOK 3F | 199 | TT-B0122    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C130           |
| BOOK 3F | 200 | TT-B0123    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C131           |
| BOOK 3F | 201 | TT-B0124    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C132 AND C133  |
| BOOK 3F | 202 | TT-B0125    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C134 AND C135  |
| BOOK 3F | 203 | TT-B0126    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C136           |
| BOOK 3F | 204 | TT-B0127    | SAN JOAQUIN VALLEY                | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C137           |
| BOOK 3F | 205 | TT-B0128    | SAN JOAQUIN VALLEY                | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C138 AND C139  |
| BOOK 3F | 206 | TT-B0129    | SAN JOAQUIN VALLEY                | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C140           |
| BOOK 3F | 207 | TT-B0130    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C230           |
| BOOK 3F | 208 | TT-B0131    | MORGAN HILL AND GILROY            | N/A | TRACK GUIDEWAY   | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C231 AND C231A |
| BOOK 3F | 209 | TT-B0132    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C232 AND C233  |
| BOOK 3F | 210 | TT-B0133    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C234 AND C235  |
| BOOK 3F | 211 | TT-B0134    | PACHECO PASS                      | N/A | TRACK GUIDEWAY   | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C236           |
| BOOK 3F | 212 | TT-B0301    | DOWNTOWN GILROY                   | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C501 AND C502  |
| BOOK 3F | 213 | TT-B0302    | DOWNTOWN GILROY                   | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C503           |
| BOOK 3F | 214 | TT-B0303    | GILROY TO PACHECO                 | N/A | TRACK GUIDEWAY   | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C504           |
| BOOK 3F | 215 | TT-B0304    | GILROY TO PACHECO                 | N/A | TRACK GUIDEWAY   | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C604           |

**ROADWAY HORIZONTAL ALIGNMENT DATA TABLE**

|         |     |          |                   |     |         |                      |  |
|---------|-----|----------|-------------------|-----|---------|----------------------|--|
| BOOK 3F | 216 | CV-B0101 | MONTEREY CORRIDOR | N/A | VIADUCT | ALIGNMENT DATA TABLE |  |
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**SAN JOSE TO CVY EIR/S: VOLUME III  
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SHEET 27 OF 64**

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Oakland, CA 94607



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**

ALTERNATIVE 3  
INDEX OF DRAWING  
SHEET 7 OF 7

|              |          |
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| 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           |

**COMPOSITE PLANS**

**SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)**

|         |   |          |  |                              |                              |  |                      |
|---------|---|----------|--|------------------------------|------------------------------|--|----------------------|
| 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-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 | 5 | 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 |

**MONTEREY CORRIDOR (CP COAST TO GILROY)**

|         |    |          |  |                                       |                              |  |                     |
|---------|----|----------|--|---------------------------------------|------------------------------|--|---------------------|
| BOOK 4A | 6  | 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 | 7  | TT-D4007 | 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 | 8  | TT-D4008 | 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 | 9  | TT-D4009 | 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 | 10 | TT-D4010 | 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 | 11 | TT-D4011 | CP COAST TO GILROY                     | METCALF RD TO EMADO AVE               | BLENDED AT-GRADE ALTERNATIVE | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B679+50 TO B767+50  |

**MORGAN HILL AND GILROY (CP COAST TO GILROY)**

|         |    |          |                    |                                  |                              |  |                      |
|---------|----|----------|--------------------|----------------------------------|------------------------------|--|----------------------|
| BOOK 4A | 12 | TT-D4012 | 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 | 13 | TT-D4013 | 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 | 14 | TT-D4014 | 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 | 15 | TT-D4015 | 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 | 16 | TT-D4016 | 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 | 17 | TT-D4017 | 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 | 18 | TT-D4018 | 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 | 19 | TT-D4019 | 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 | 20 | TT-D4020 | 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 | 21 | TT-D4021 | 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 | 22 | TT-D4022 | 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 | 23 | TT-D4023 | 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 | 24 | TT-D4024 | 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 | 25 | TT-D4025 | CP COAST TO GILROY | PAJARO RIVER TO MILLER CANAL     | BLENDED AT-GRADE ALTERNATIVE | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B1880+00 TO B1938+35 |

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 28 OF 64**

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**CALIFORNIA**  
High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**SAN JOSE TO MERCED**

ALTERNATIVE 4  
INDEX OF DRAWING  
SHEET 1 OF 6

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| CONTRACT NO. | HSR15-34 |
| DRAWING NO.  | GE-A0401 |
| 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 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 | 26 | 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 | 27 | 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 | 28 | TT-D0910 | MORGAN HILL AND GILROY | N/A                              | VIADUCT TO DOWNTOWN GILROY | UPRR FREIGHT AND TRANSITION TRACK PROFILES |                      |
| BOOK 4B | 29 | 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 | 30 | 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 | 31 | TT-D1203 | MORGAN HILL AND GILROY | PACHECO PASS HWY                 | VIADUCT TO DOWNTOWN GILROY | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B2275+00 TO B2362+00 |

**PACHECO PASS**

|         |    |          |              |                      |        |  |                      |
|---------|----|----------|--------------|----------------------|--------|--|----------------------|
| BOOK 4B | 32 | TT-D1401 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B2362+00 TO B3205+00 |
| BOOK 4B | 33 | TT-D1402 | PACHECO PASS | SERVICE ROAD 1       | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3205+00 TO B3295+00 |
| BOOK 4B | 34 | TT-D1403 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3295+00 TO B3385+00 |
| BOOK 4B | 35 | TT-D1404 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3385+00 TO B3475+00 |
| BOOK 4B | 36 | TT-D1405 | PACHECO PASS | SR 152               | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3475+00 TO B3565+00 |
| BOOK 4B | 37 | TT-D1406 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3565+00 TO B3655+00 |
| BOOK 4B | 38 | TT-D1407 | PACHECO PASS | SR 152               | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3655+00 TO B3745+00 |
| BOOK 4B | 39 | TT-D1408 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3745+00 TO B3835+00 |
| BOOK 4B | 40 | TT-D1409 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3835+00 TO B3923+00 |
| BOOK 4B | 41 | TT-D1410 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B3923+00 TO B4014+00 |
| BOOK 4B | 42 | TT-D1411 | PACHECO PASS | MCCABE RD            | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4014+00 TO B4105+00 |
| BOOK 4B | 43 | TT-D1412 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4105+00 TO B4196+00 |
| BOOK 4B | 44 | TT-D1413 | PACHECO PASS | N/A                  | TUNNEL | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4196+00 TO B4287+00 |
| BOOK 4B | 45 | 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 | 46 | TT-D1601 | SAN JOAQUIN VALLEY | FAHEY RD                     | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4372+00 TO B4445+00    |
| BOOK 4B | 47 | TT-D1602 | SAN JOAQUIN VALLEY | CCID MAIN CANAL              | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4445+00 TO B4533+00    |
| BOOK 4B | 48 | TT-D1603 | SAN JOAQUIN VALLEY | INGOMAR GRADE RD             | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4533+00 TO B4614+00    |
| BOOK 4B | 49 | TT-D1604 | SAN JOAQUIN VALLEY | VOLTA RD TO HENRY MILLER RD  | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4614+00 TO B4686+00    |
| BOOK 4B | 50 | 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 | 51 | TT-D1606 | SAN JOAQUIN VALLEY | BADGER FLAT RD TO NANTES AVE | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4758+00 TO B4846+00    |
| BOOK 4B | 52 | 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 | 53 | TT-D1608 | SAN JOAQUIN VALLEY | N/A                          | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B4932+00 TO B5020+00    |
| BOOK 4B | 54 | TT-D1609 | SAN JOAQUIN VALLEY | BAKER RD TO DELTA RD         | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B5020+00 TO B5109+00    |
| BOOK 4B | 55 | TT-D1610 | SAN JOAQUIN VALLEY | MIDWAY RD TO BOX CAR RD      | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B5109+00 TO B5193+00    |
| BOOK 4B | 56 | TT-D1611 | SAN JOAQUIN VALLEY | TURNER ISLAND RD             | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B5193+00 TO B5282+00    |
| BOOK 4B | 57 | TT-D1612 | SAN JOAQUIN VALLEY | CARLUCCI RD                  | HENRY MILLER ROAD | COMPOSITE PLAN, PROFILE AND CROSS SECTIONS | B5282+00 TO B5366+28.52 |

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 29 OF 64**

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**SAN JOSE TO MERCED**

ALTERNATIVE 4  
INDEX OF DRAWING  
SHEET 2 OF 6

|                          |
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| CONTRACT NO.<br>HSR15-34 |
| DRAWING NO.<br>GE-A0402  |
| SCALE<br>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 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,<br>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         | 58 | AR-C0201 | SAN JOSE DIRIDON STATION APPROACH | SANTA CLARA ST TO PARK AVE | BLENDED AT-GRADE ALTERNATIVE | SAN JOSE DIRIDON STATION | CONCEPTUAL SITE PLAN  |
| BOOK 4C         | 59 | 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         | 60 | AR-F0201 | SAN JOSE DIRIDON STATION APPROACH | N/A                        | BLENDED AT-GRADE ALTERNATIVE | SAN JOSE DIRIDON STATION | CONCOURSE PLAN        |
| BOOK 4C         | 61 | AR-Y0201 | SAN JOSE DIRIDON STATION APPROACH | N/A                        | BLENDED AT-GRADE ALTERNATIVE | SAN JOSE DIRIDON STATION | CROSS SECTION         |
| BOOK 4C         | 62 | AR-Y0202 | SAN JOSE DIRIDON STATION APPROACH | N/A                        | BLENDED AT-GRADE ALTERNATIVE | SAN JOSE DIRIDON STATION | MASSING DIAGRAM 1     |
| BOOK 4C         | 63 | AR-Y0203 | SAN JOSE DIRIDON STATION APPROACH | N/A                        | BLENDED AT-GRADE ALTERNATIVE | SAN JOSE DIRIDON STATION | MASSING DIAGRAM 2     |
| BOOK 4C         | 64 | AR-Y0204 | SAN JOSE DIRIDON STATION APPROACH | N/A                        | BLENDED AT-GRADE ALTERNATIVE | SAN JOSE DIRIDON STATION | FACILITY SIZING TABLE |
| BOOK 4C         | 65 | AR-Y0205 | SAN JOSE DIRIDON STATION APPROACH | N/A                        | BLENDED AT-GRADE ALTERNATIVE | SAN JOSE DIRIDON STATION | FACILITY SIZING TABLE |
| BOOK 4C         | 66 | AR-Y0206 | SAN JOSE DIRIDON STATION APPROACH | N/A                        | BLENDED AT-GRADE ALTERNATIVE | SAN JOSE DIRIDON STATION | FACILITY SIZING TABLE |
| BOOK 4C         | 67 | 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         | 68 | 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         | 69 | AR-F1201 | MORGAN HILL AND GILROY            | N/A                        | BLENDED AT-GRADE ALTERNATIVE | DOWNTOWN GILROY STATION  | CONCOURSE PLAN        |
| BOOK 4C         | 70 | AR-Y1201 | MORGAN HILL AND GILROY            | N/A                        | BLENDED AT-GRADE ALTERNATIVE | DOWNTOWN GILROY STATION  | SECTION               |
| BOOK 4C         | 71 | AR-Y1202 | MORGAN HILL AND GILROY            | N/A                        | BLENDED AT-GRADE ALTERNATIVE | DOWNTOWN GILROY STATION  | MASSING DIAGRAM 1     |
| BOOK 4C         | 72 | AR-Y1203 | MORGAN HILL AND GILROY            | N/A                        | BLENDED AT-GRADE ALTERNATIVE | DOWNTOWN GILROY STATION  | MASSING DIAGRAM 2     |
| BOOK 4C         | 73 | AR-Y1204 | MORGAN HILL AND GILROY            | N/A                        | BLENDED AT-GRADE ALTERNATIVE | DOWNTOWN GILROY STATION  | FACILITY SIZING TABLE |
| BOOK 4C         | 74 | AR-Y1205 | MORGAN HILL AND GILROY            | N/A                        | BLENDED AT-GRADE ALTERNATIVE | DOWNTOWN GILROY STATION  | FACILITY SIZING TABLE |
| BOOK 4C         | 75 | AR-Y1206 | MORGAN HILL AND GILROY            | N/A                        | BLENDED AT-GRADE ALTERNATIVE | DOWNTOWN GILROY STATION  | FACILITY SIZING TABLE |

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**

ALTERNATIVE 4  
INDEX OF DRAWING  
SHEET 3 OF 6

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| CONTRACT NO.<br>HSR15-34 |
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| SCALE<br>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 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 |

### STRUCTURE

|         |    |          |                    |   |                              |                    |                     |
|---------|----|----------|--------------------|---|------------------------------|--------------------|---------------------|
| BOOK 4D | 76 | ST-T4001 | CP COAST TO GILROY | I-280 TO HWY 87                           | BLENDED AT-GRADE ALTERNATIVE | UNDERPASSES        | GENERAL PLAN 1 OF 4 |
| BOOK 4D | 77 | ST-T4002 | CP COAST TO GILROY | N/A                                       | BLENDED AT-GRADE ALTERNATIVE | UNDERPASSES        | GENERAL PLAN 2 OF 4 |
| BOOK 4D | 78 | ST-T4003 | CP COAST TO GILROY | N/A                                       | BLENDED AT-GRADE ALTERNATIVE | UNDERPASSES        | GENERAL PLAN 3 OF 4 |
| BOOK 4D | 79 | ST-T4004 | CP COAST TO GILROY | N/A                                       | BLENDED AT-GRADE ALTERNATIVE | UNDERPASSES        | GENERAL PLAN 4 OF 4 |
| BOOK 4D | 80 | ST-V4001 | CP COAST TO GILROY | UPRR                                      | BLENDED AT-GRADE ALTERNATIVE | COMPLEX STRUCTURES | GENERAL PLAN        |
| BOOK 4D | 81 | ST-V1401 | PACHECO PASS       | CALIFORNIA AQUEDUCT TO CCID OUTSIDE CANAL | TUNNEL                       | COMPLEX STRUCTURES | GENERAL PLAN        |
| BOOK 4D | 82 | ST-V1601 | SAN JOAQUIN VALLEY | SAN LUIS WASTEWAY TO LOS BANOS CREEK      | HENRY MILLER ROAD            | COMPLEX STRUCTURES | GENERAL PLAN        |

### ROADWAY

#### MORGAN HILL AND GILROY (CP COAST TO GILROY)

|         |    |          |                    |                       |                              |               |  |
|---------|----|----------|--------------------|-----------------------|------------------------------|---------------|--|
| BOOK 4D | 83 | CV-S4001 | CP COAST TO GILROY | EMADO AVE TO FOX LANE | BLENDED AT-GRADE ALTERNATIVE | CIVIL DETAILS |  |
|---------|----|----------|--------------------|-----------------------|------------------------------|---------------|--|

#### PACHECO PASS

|         |    |          |              |                     |        |               |  |
|---------|----|----------|--------------|---------------------|--------|---------------|--|
| BOOK 4D | 84 | CV-S1401 | PACHECO PASS | ROMERO RD TO CA-152 | TUNNEL | CIVIL DETAILS |  |
|---------|----|----------|--------------|---------------------|--------|---------------|--|

#### SAN JOAQUIN VALLEY

|         |    |          |                    |                                     |                   |  |                     |
|---------|----|----------|--------------------|-------------------------------------|-------------------|--|---------------------|
| BOOK 4D | 85 | CV-S1601 | SAN JOAQUIN VALLEY | MONTEREY RD TO INGOMAR GRADE        | HENRY MILLER ROAD | CIVIL DETAILS                                      |                     |
| BOOK 4D | 86 | 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 | 87 | CV-T1604 | SAN JOAQUIN VALLEY | HENRY MILLER ACCESS                 | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | HENRY MILLER ACCESS |
| BOOK 4D | 88 | 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 | 89 | CV-T1609 | SAN JOAQUIN VALLEY | DELTA RD                            | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | DELTA ROAD          |
| BOOK 4D | 90 | 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 | 91 | CV-T1611 | SAN JOAQUIN VALLEY | CARLUCCI RD                         | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | CARLUCCI ROAD       |
| BOOK 4D | 92 | CV-T1612 | SAN JOAQUIN VALLEY | HUTCHINS RD                         | HENRY MILLER ROAD | GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS | HUTCHINS ROAD       |

### MAINTENANCE OF WAY

|         |    |          |                    |                       |                              |                             |                                 |
|---------|----|----------|--------------------|-----------------------|------------------------------|-----------------------------|---------------------------------|
| BOOK 4D | 93 | MY-D4100 | CP COAST TO GILROY | CARNADERO AVE TO UPRR | BLENDED AT-GRADE ALTERNATIVE | MOWF DETAIL                 | SHEET 1 OF 4                    |
| BOOK 4D | 94 | MY-D4101 | CP COAST TO GILROY | BLOOMFIELD RD         | BLENDED AT-GRADE ALTERNATIVE | MOWF DETAIL                 | SHEET 2 OF 4                    |
| BOOK 4D | 95 | MY-D4102 | CP COAST TO GILROY | N/A                   | BLENDED AT-GRADE ALTERNATIVE | MOWF DETAIL                 | SHEET 3 OF 4                    |
| BOOK 4D | 96 | MY-D4103 | CP COAST TO GILROY | N/A                   | BLENDED AT-GRADE ALTERNATIVE | MOWF DETAIL                 | SHEET 4 OF 4                    |
| BOOK 4D | 97 | MY-D4104 | CP COAST TO GILROY | N/A                   | BLENDED AT-GRADE ALTERNATIVE | UPRR PROFILE FOR MOWF       | SHEET 1 OF 2                    |
| BOOK 4D | 98 | MY-D4105 | CP COAST TO GILROY | N/A                   | BLENDED AT-GRADE ALTERNATIVE | UPRR PROFILE FOR MOWF       | SHEET 2 OF 2                    |
| BOOK 4D | 99 | MY-D4106 | CP COAST TO GILROY | N/A                   | BLENDED AT-GRADE ALTERNATIVE | MAINTENANCE OF WAY FACILITY | UPRR AND MOWF ACCESS GEOMETRICS |

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**SAN JOSE TO MERCED**

ALTERNATIVE 4  
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| CONTRACT NO. | HSR15-34 |
| DRAWING NO.  | GE-A0404 |
| 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 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                                  |
| <b>TUNNELS - PACHECO PASS</b>               |          |            |                            |                                      |                                |                             |   |
| BOOK 4E                                     | 100      | TN-D1404   | PACHECO PASS               | N/A                                  | TUNNEL                         | TUNNEL 2 - PORTAL 1         |   |
| BOOK 4E                                     | 101      | TN-D1405   | PACHECO PASS               | ACCESS RD 1                          | TUNNEL                         | TUNNEL PORTAL 2 ACCESS ROAD |   |
| BOOK 4E                                     | 102      | TN-D1406   | PACHECO PASS               | CALIFORNIA AQUEDUCT                  | TUNNEL                         | TUNNEL PORTAL 2 ACCESS ROAD |   |
| BOOK 4E                                     | 103      | TN-D1407   | PACHECO PASS               | ACCESS RD 2                          | TUNNEL                         | TUNNEL PORTAL 2 ACCESS ROAD |   |
| BOOK 4E                                     | 104      | TN-D1408   | PACHECO PASS               | N/A                                  | TUNNEL                         | LONGITUDINAL PROFILE        |   |
| BOOK 4E                                     | 105      | TN-D1409   | PACHECO PASS               |                                      | TUNNEL                         | GRADING DETAIL              |   |
| BOOK 4E                                     | 106      | TN-D1410   | PACHECO PASS               | N/A                                  | TUNNEL                         | GRADING DETAIL              |   |
| BOOK 4E                                     | 107      | TN-D1411   | PACHECO PASS               | N/A                                  | TUNNEL                         | GRADING DETAIL              |   |
| BOOK 4E                                     | 108      | TN-D1412   | PACHECO PASS               | N/A                                  | TUNNEL                         | GRADING DETAIL              |   |
| BOOK 4E                                     | 109      | TN-D1413   | PACHECO PASS               | I-5, FAHEY RD                        | TUNNEL                         | GRADING DETAIL              |   |
| BOOK 4E                                     | 110      | TN-D1414   | PACHECO PASS               | N/A                                  | TUNNEL                         | TUNNEL 2 - PORTAL 1         | SECTIONS                                      |
| BOOK 4E                                     | 111      | TN-D1415   | PACHECO PASS               | N/A                                  | TUNNEL                         | TUNNEL 2 - PORTAL 2         | APPROACH 1                                    |
| BOOK 4E                                     | 112      | TN-D1416   | PACHECO PASS               | N/A                                  | TUNNEL                         | TUNNEL 2 - PORTAL 2         | APPROACH 2                                    |
| <b>CONSTRUCTION STAGING</b>                 |          |            |                            |                                      |                                |                             |   |
| BOOK 4E                                     | 113      | CV-I1601   | SAN JOAQUIN VALLEY         | N/A                                  | HENRY MILLER ROAD              | CONSTRUCTION STAGING PLAN   | GENERAL NOTES                                 |
| BOOK 4E                                     | 114      | 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                                     | 115      | CV-I1603   | SAN JOAQUIN VALLEY         | HENRY MILLER RD                      | HENRY MILLER ROAD              | CONSTRUCTION STAGING PLAN   | HENRY MILLER ROAD GRADE SEPARATION            |
| BOOK 4E                                     | 116      | CV-I1604   | SAN JOAQUIN VALLEY         | HENRY MILLER RD AT MERCEY SPRINGS RD | HENRY MILLER ROAD              | CONSTRUCTION STAGING PLAN   | SR-165 / MERCEY SPRINGS ROAD GRADE SEPARATION |
| BOOK 4E                                     | 117      | CV-I1605   | SAN JOAQUIN VALLEY         | HENRY MILLER RD AT DELTA RD          | HENRY MILLER ROAD              | CONSTRUCTION STAGING PLAN   | DELTA ROAD GRADE SEPARATION                   |
| BOOK 4E                                     | 118      | 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                                     | 119      | 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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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**

ALTERNATIVE 4  
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| CONTRACT NO.<br>HSR15-34 |
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| SCALE<br>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>TRACK GUIDEWAY HORIZONTAL ALIGNMENT DATA TABLE</b> |          |            |                        |                     |                                |                               |                          |
| BOOK 4E   | 120      | TT-B4001   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C401 TO C404        | CURVE NO. C401 TO C404   |
| BOOK 4E   | 121      | TT-B4002   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C405 TO C408        | CURVE NO. C405 TO C408   |
| BOOK 4E   | 122      | TT-B4003   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C409 TO C414        | CURVE NO. C409 TO C414   |
| BOOK 4E   | 123      | TT-B4004   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C415 TO C418        | CURVE NO. C415 TO C418   |
| BOOK 4E   | 124      | TT-B4005   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C419                | CURVE NO. C419           |
| BOOK 4E   | 125      | TT-B4006   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C420 TO C423        | CURVE NO. C420 TO C423   |
| BOOK 4E   | 126      | TT-B4007   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C424 TO C427        | CURVE NO. C424 TO C427   |
| BOOK 4E   | 127      | TT-B4008   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C428 TO C431        | CURVE NO. C428 TO C431   |
| BOOK 4E   | 128      | TT-B4009   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C432 TO C435        | CURVE NO. C432 TO C435   |
| BOOK 4E   | 129      | TT-B4010   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C436 TO C439        | CURVE NO. C436 TO C439   |
| BOOK 4E   | 130      | TT-B4011   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C440 TO C443        | CURVE NO. C440 TO C443   |
| BOOK 4E   | 131      | TT-B4012   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C444 TO C447        | CURVE NO. C444 TO C447   |
| BOOK 4E   | 132      | TT-B4013   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C448 TO C451        | CURVE NO. C448 TO C451   |
| BOOK 4E   | 133      | TT-B4014   | ALTERNATIVE 4          | N/A                 | MT3 TRACK ALIGNMENT DATA TABLE | CURVE NO. C452 TO C453        | CURVE NO. C452 TO C453   |
| BOOK 4E   | 134      | TT-B0120   | MORGAN HILL AND GILROY | N/A                 | TRACK GUIDEWAY                 | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C127 AND C128  |
| BOOK 4E   | 135      | TT-B0121   | MORGAN HILL AND GILROY | N/A                 | TRACK GUIDEWAY                 | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C129           |
| BOOK 4E   | 136      | TT-B0122   | MORGAN HILL AND GILROY | N/A                 | TRACK GUIDEWAY                 | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C130           |
| BOOK 4E   | 137      | TT-B0123   | PACHECO PASS           | N/A                 | TRACK GUIDEWAY                 | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C131           |
| BOOK 4E   | 138      | TT-B0124   | PACHECO PASS           | N/A                 | TRACK GUIDEWAY                 | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C132 AND C133  |
| BOOK 4E   | 139      | TT-B0125   | PACHECO PASS           | N/A                 | TRACK GUIDEWAY                 | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C134 AND C135  |
| BOOK 4E   | 140      | TT-B0126   | PACHECO PASS           | N/A                 | TRACK GUIDEWAY                 | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C136           |
| BOOK 4E   | 141      | TT-B0127   | SAN JOAQUIN VALLEY     | N/A                 | TRACK GUIDEWAY                 | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C137           |
| BOOK 4E   | 142      | TT-B0128   | SAN JOAQUIN VALLEY     | N/A                 | TRACK GUIDEWAY                 | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C138 AND C139  |
| BOOK 4E   | 143      | TT-B0129   | SAN JOAQUIN VALLEY     | N/A                 | TRACK GUIDEWAY                 | B2 TRACK ALIGNMENT DATA TABLE | CURVE NO. C140           |
| BOOK 4E   | 144      | TT-B0130   | MORGAN HILL AND GILROY | N/A                 | TRACK GUIDEWAY                 | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C230           |
| BOOK 4E   | 145      | TT-B0131   | MORGAN HILL AND GILROY | N/A                 | TRACK GUIDEWAY                 | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C231 AND C231A |
| BOOK 4E   | 146      | TT-B0132   | PACHECO PASS           | N/A                 | TRACK GUIDEWAY                 | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C232 AND C233  |
| BOOK 4E   | 147      | TT-B0133   | PACHECO PASS           | N/A                 | TRACK GUIDEWAY                 | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C234 AND C235  |
| BOOK 4E   | 148      | TT-B0134   | PACHECO PASS           | N/A                 | TRACK GUIDEWAY                 | B1 TRACK ALIGNMENT DATA TABLE | CURVE NO. C236           |

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
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9th Floor  
Oakland, CA 94607



**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**

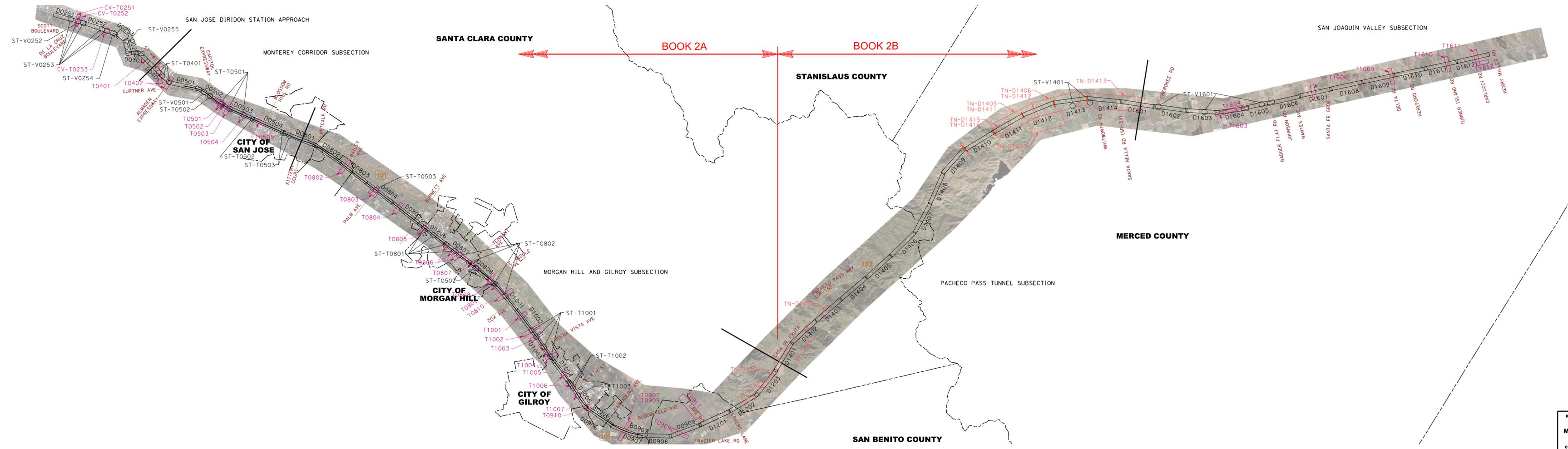
ALTERNATIVE 4  
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SHEET 6 OF 6

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| DRAWING NO.<br>GE-A0406  |
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**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

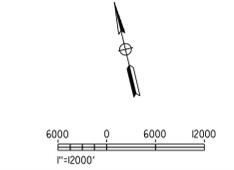


**NOTE:**  
ALTERNATIVE KEY MAP SHOWN SIDE BY SIDE FOR CLARITY.

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

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|  | 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**  
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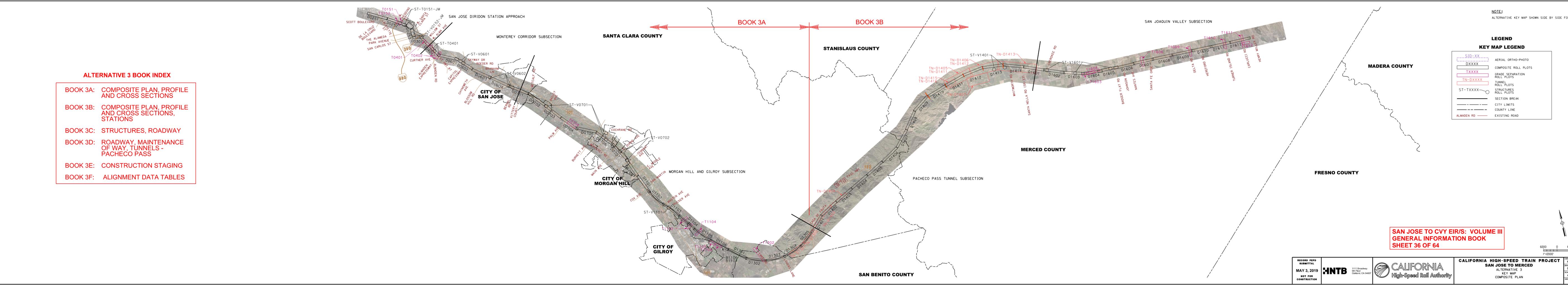
**LEGEND**

**KEY MAP LEGEND**

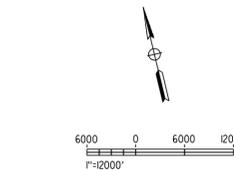
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|  | AERIAL ORTHO-PHOTO          |
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|  | GRADE SEPARATION ROLL PLOTS |
|  | TUNNEL ROLL PLOTS           |
|  | STRUCTURES ROLL PLOTS       |
|  | SECTION BREAK               |
|  | CITY LIMITS   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

**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



**SAN JOSE TO CVY EIR/S: VOLUME III**  
**GENERAL INFORMATION BOOK**  
**SHEET 36 OF 64**

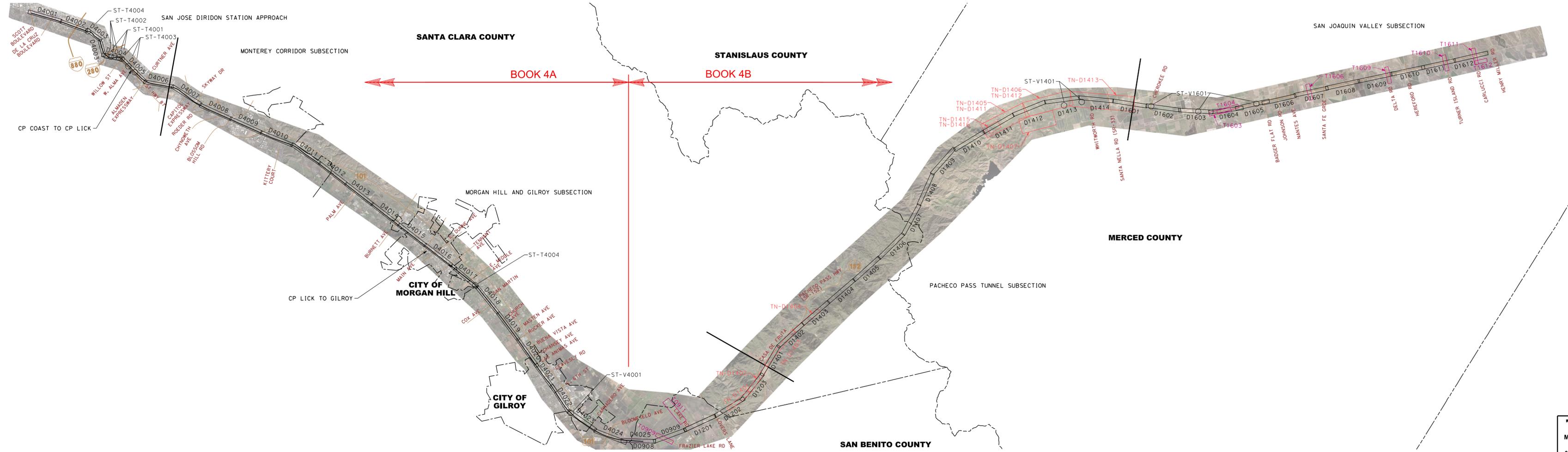


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**ALTERNATIVE 4 BOOK INDEX**

- 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



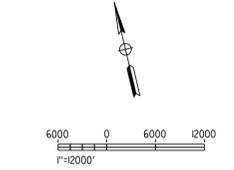
**NOTE:**  
ALTERNATIVE KEY MAP SHOWN SIDE BY SIDE FOR CLARITY.

**LEGEND**

**KEY MAP LEGEND**

- S10-XX AERIAL ORTHO-PHOTO
- DXXXX COMPOSITE ROLL PLOTS
- TXXXX GRADE SEPARATION ROLL PLOTS
- TN-DXXXX TUNNEL ROLL PLOTS
- ST-TXXXX STRUCTURES ROLL PLOTS
- SECTION BREAK
- CITY LIMITS
- COUNTY LINE
- ALMADEN RD EXISTING ROAD

**SAN JOSE TO CVY EIR/S: VOLUME III**  
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## 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

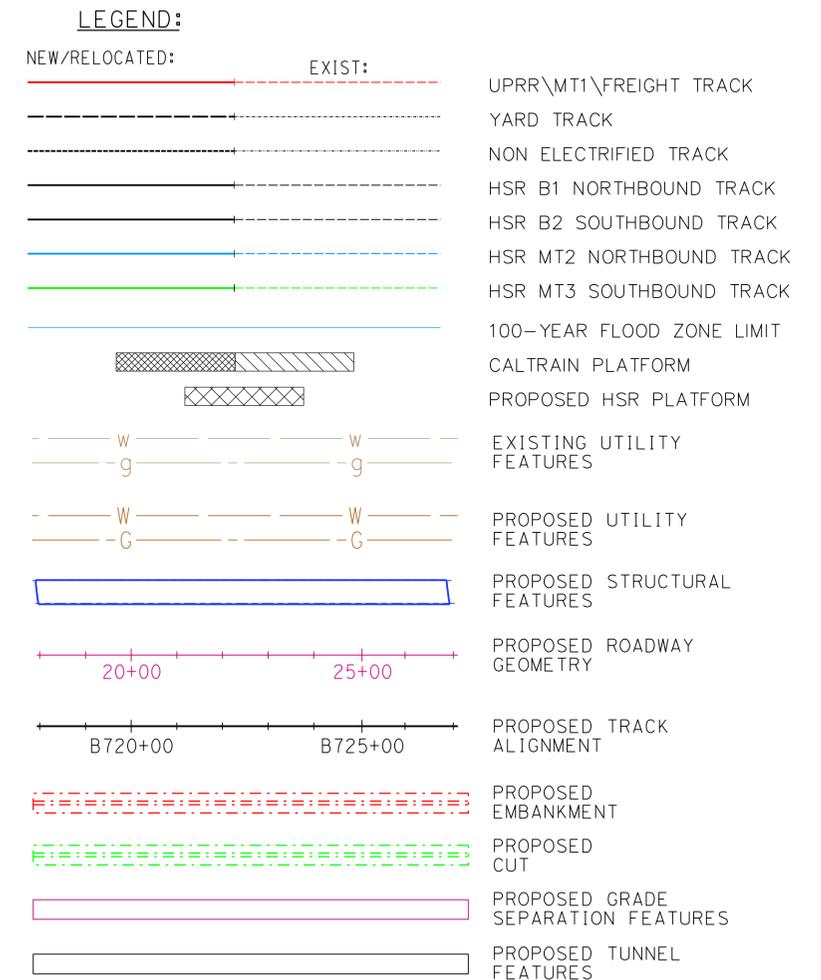
- ALL ROADWAY GEOMETRY DESIGN IS PER THE FOLLOWING STANDARDS:
  - FOR HIGH SPEED TRAIN FACILITIES, FOLLOW CALIFORNIA HIGH SPEED RAIL TECHNICAL MEMORANDUM.
  - FOR STATE HIGHWAY FACILITIES, FOLLOW CALTRANS STANDARD DRAWINGS AND SPECIFICATIONS.
  - FOR CITY AND COUNTY STREETS, FOLLOW CITY AND COUNTY STANDARDS, 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 ING WALLS 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  
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**CALIFORNIA**  
High-Speed Rail Authority

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

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| CONTRACT NO.<br>HSR15-34 |
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# 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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**SAN JOSE TO CVY EIR/S: VOLUME III  
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Oakland, CA 94607



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

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| CONTRACT NO.<br>HSR15-34 |
| DRAWING NO.<br>GE-B0002  |
| SCALE<br>NONE            |
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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
GA 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 40 OF 64

FILE \$
PLTDRVS \$
ENTBLS \$
DATE \$
USER \$

Table with columns: REV, DATE, BY, CHK, APP, DESCRIPTION

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

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Oakland, CA 94607



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

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

SEC SECOND, SECTION  
 SEP SEPARATION  
 SG SUBGRADE  
 SHLD SHOULDER  
 SHT SHEET  
 SIM SIMILAR  
 S STATION LINE  
 SM SELECTED MATERIAL  
 SPEC SPECIAL,  
 SPECIFICATIONS

TS TRANSVERSE,  
 TYP TRAFFIC SIGNAL,  
 TUBULAR STEEL,  
 TANGENT SPIRAL POINT  
 TYPICAL

P

Q

R

U

V

PAGE  
 PAP PERFORATED ALUMINUM PIPE  
 PB PULL BOX  
 PC POINT OF CURVATURE,  
 PRECAST  
 PCC POINT OF COMPOUND CURVE,  
 PORTLAND CEMENT CONCRETE  
 PCP PERFORATED CONCRETE PIPE,  
 PRESTRESSED CONCRETE PIPE  
 PCVC POINT OF COMPOUND VERTICAL CURVE  
 PED PEDESTRIAN  
 PED OC PEDESTRIAN OVERCROSSING  
 PED UC PEDESTRIAN UNDERCROSSING  
 PERM MTL PERMEABLE MATERIAL  
 PG PROFILE GRADE  
 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  
 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  
 PS, P/S POINT OF SWITCH,  
 PRESTRESSED

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  
 RCPA REINFORCED CONCRETE PIPE ARCH  
 RD ROAD  
 REINF REINFORCED, REINFORCEMENT,  
 REINFORCING  
 REL RELOCATE  
 REPL REPLACEMENT  
 RET RETAINING  
 REV REVISED  
 RDWY ROADWAY  
 RM ROAD-MIXED  
 RP RADIUS POINT,  
 REFERENCE POINT  
 RR RAILROAD  
 RSP ROCK SLOPE PROTECTION  
 RT RIGHT  
 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  
 SYM SYMMETRICAL  
 S4S SURFACE 4 SIDES

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

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

W

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  
 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  
 PS, P/S POINT OF SWITCH,  
 PRESTRESSED

S SOUTH,  
 SUPPLEMENT  
 SAE STRUCTURE APPROACH EMBANKMENT  
 SALV SALVAGE  
 SAPP STRUCTURAL ALUMINUM PLATE PIPE  
 SA-RT STAND ALONE RADIO TOWER  
 SB SOUTHBOUND  
 SC SAND CUSHION,  
 SLOTTED CORRUGATED STEEL PIPE,  
 SPIRAL CURVE POINT  
 SD STORM DRAIN

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  
 TPF TRACTION POWER FACILITY  
 TPM TREATED PERMEABLE MATERIAL  
 TPSS TRACTION POWER SUBSTATION  
 T/R TOP OF RAIL  
 TRANS TRANSITION

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  
 WWLOL WINGWALL LAYOUT LINE

X CROSS SECTION  
 XING CROSSING

Y

YR YEAR  
 YRS YEARS

**SAN JOSE TO CVY EIR/S: VOLUME III  
 GENERAL INFORMATION BOOK  
 SHEET 41 OF 64**

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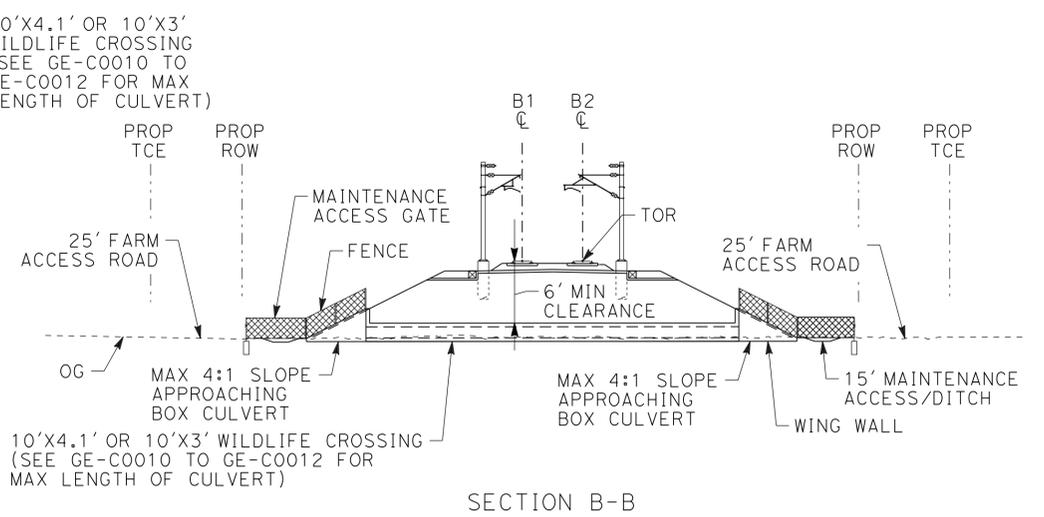
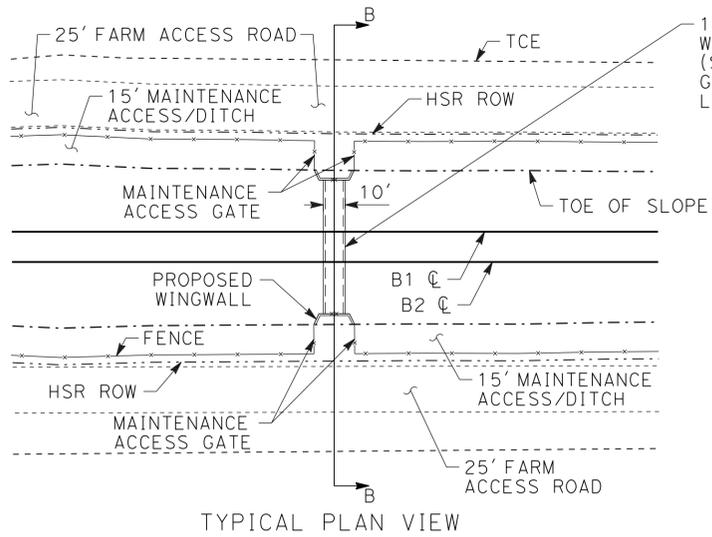


**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
 SAN JOSE TO MERCED**  
  
 GENERAL  
 ABBREVIATIONS  
 SHEET 2 OF 2

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| CONTRACT NO.<br>HSR15-34 |
| DRAWING NO.<br>GE-C0002  |
| SCALE<br>NONE            |
| SHEET NO.                |

**NOTES:**

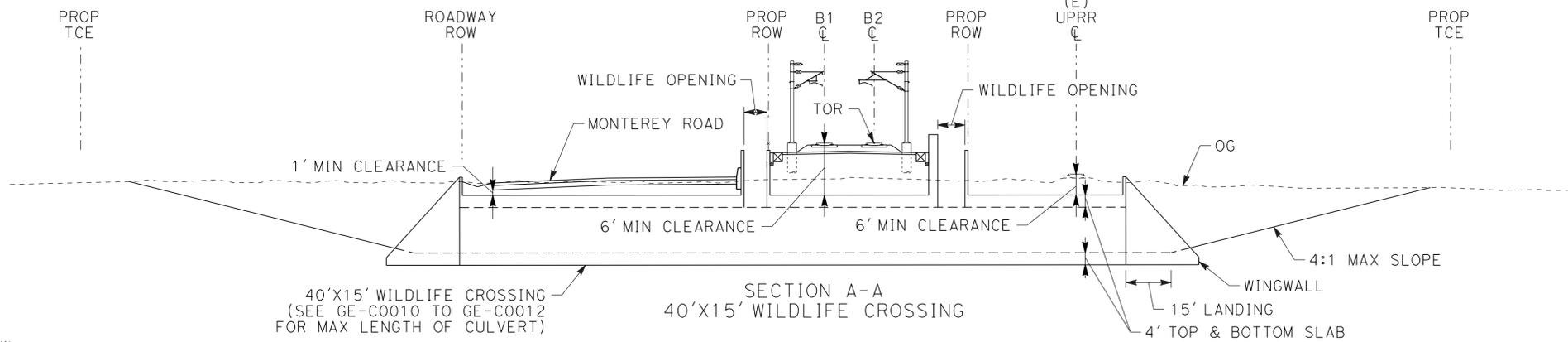
- IF 6' VERTICAL COVER IS NOT POSSIBLE, A DESIGN VARIANCE MUST BE ISSUED. THE CULVERT MUST BE DESIGNED TO WITHSTAND SEISMIC LOADS AND APPROXIMATELY 100' ON EITHER SIDE OF THE CULVERT MUST BE CONSTRUCTED WITH HIGH COMPACTION SUB-BALLAST. THIS ACTION APPLIES TO UPRR TRACKS AS WELL.
- FOR CULVERTS BURIED 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.



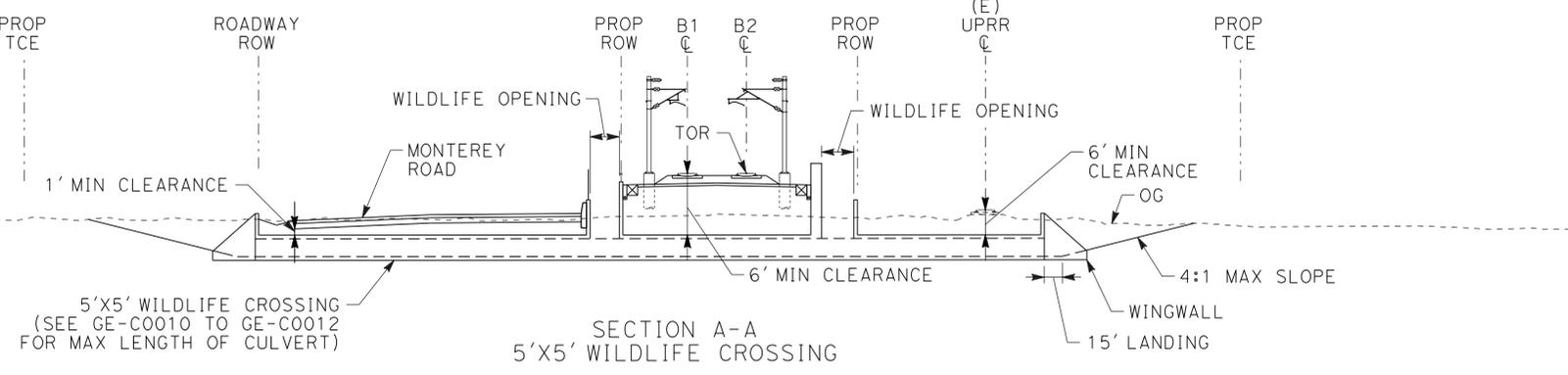
TYPICAL PLAN VIEW

SECTION B-B

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

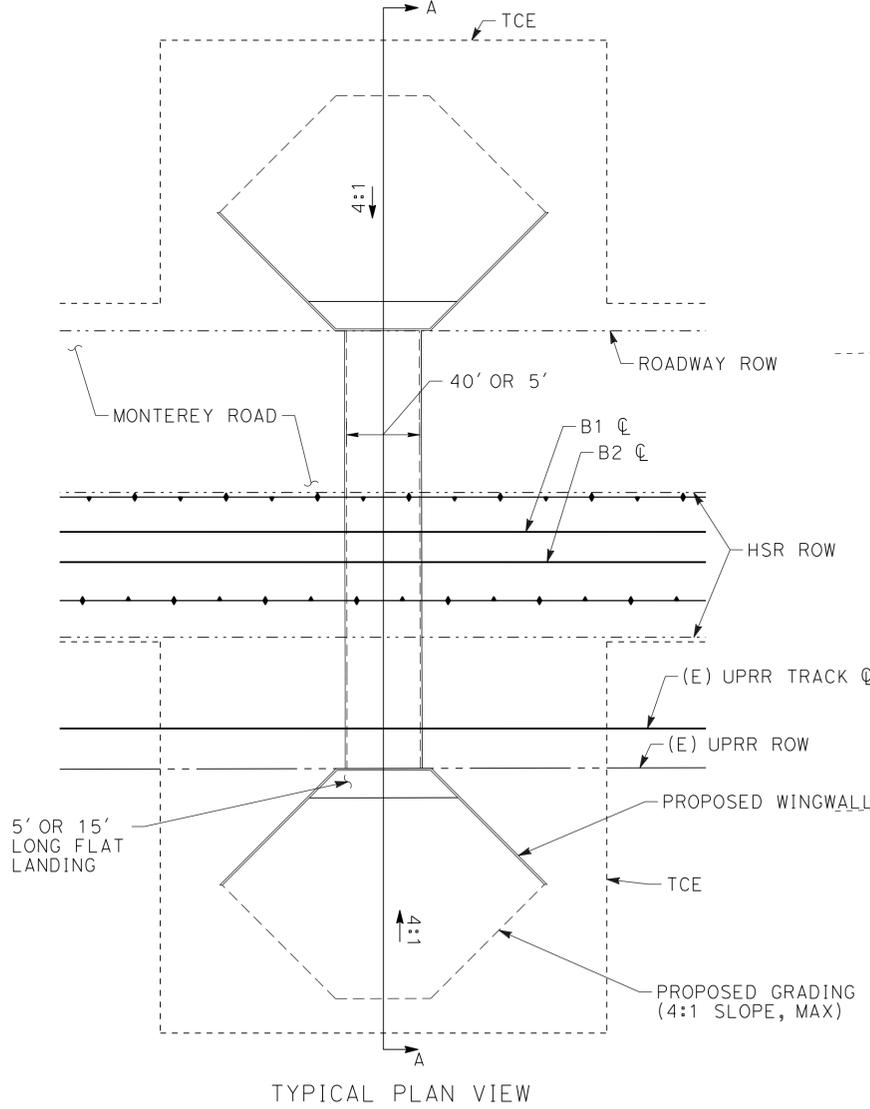


SECTION A-A  
40'X15' WILDLIFE CROSSING



SECTION A-A  
5'X5' WILDLIFE CROSSING

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 42 OF 64**

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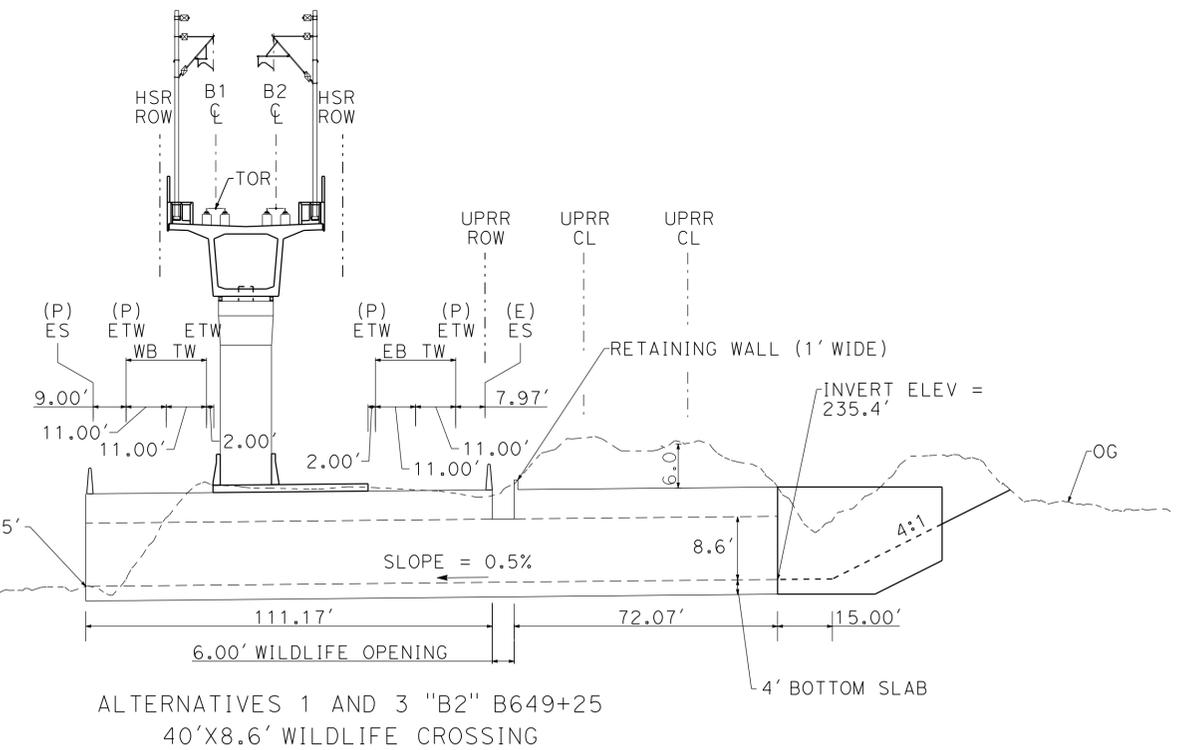
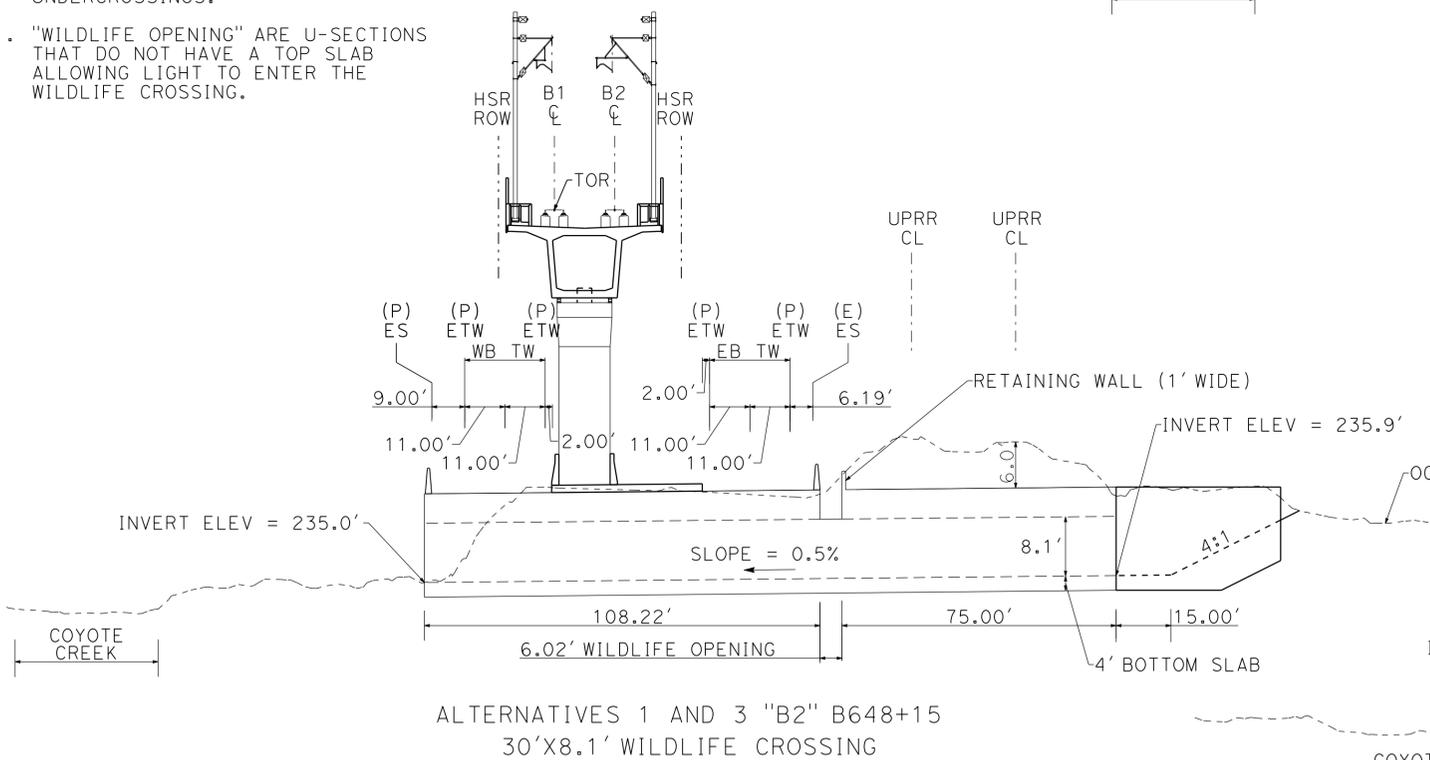
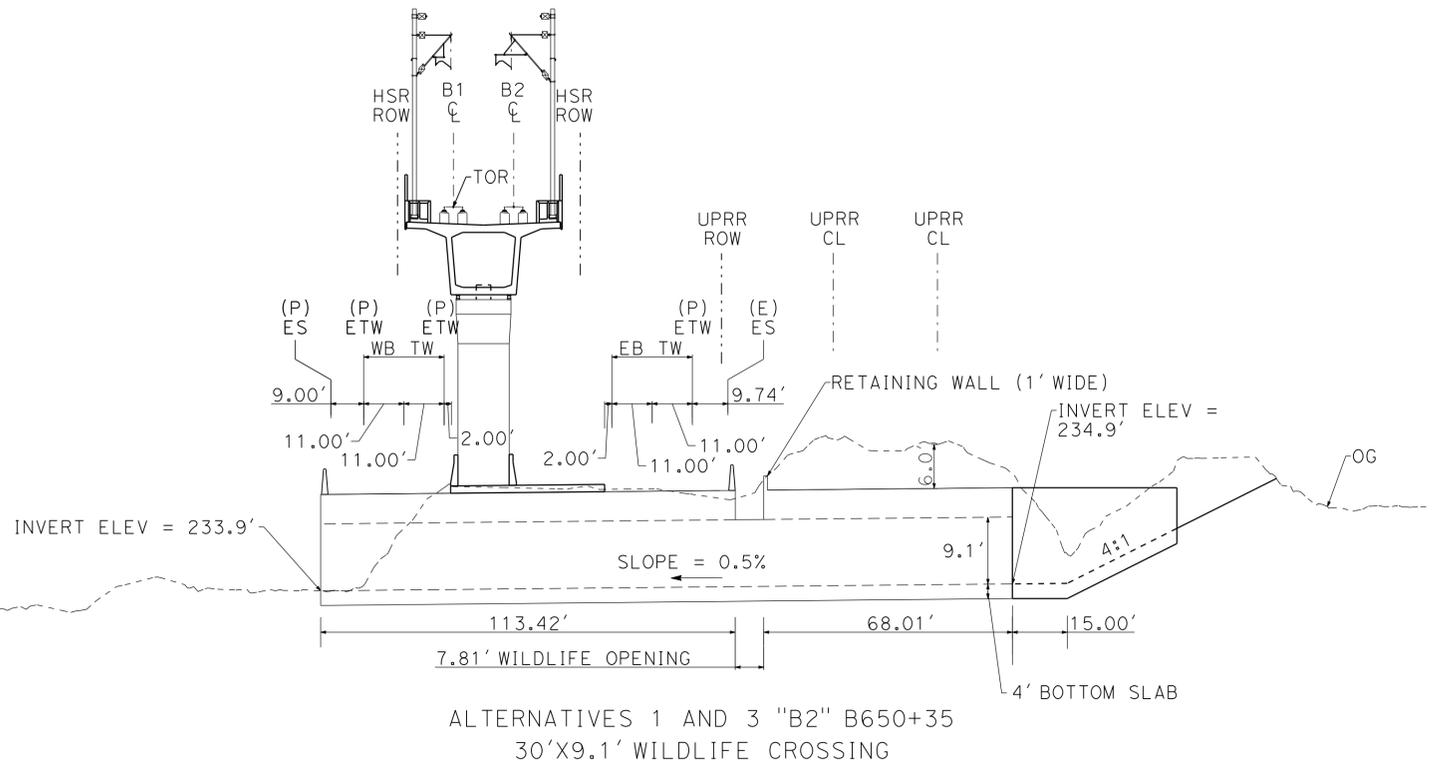
**SAN JOSE TO MERCED**

GENERAL  
WILDLIFE CROSSING DETAILS  
SHEET 1 OF 8

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| CONTRACT NO. | HSR15-34 |
| DRAWING NO.  | GE-C0003 |
| 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 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.



**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 43 OF 64**

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**MAY 3, 2019**

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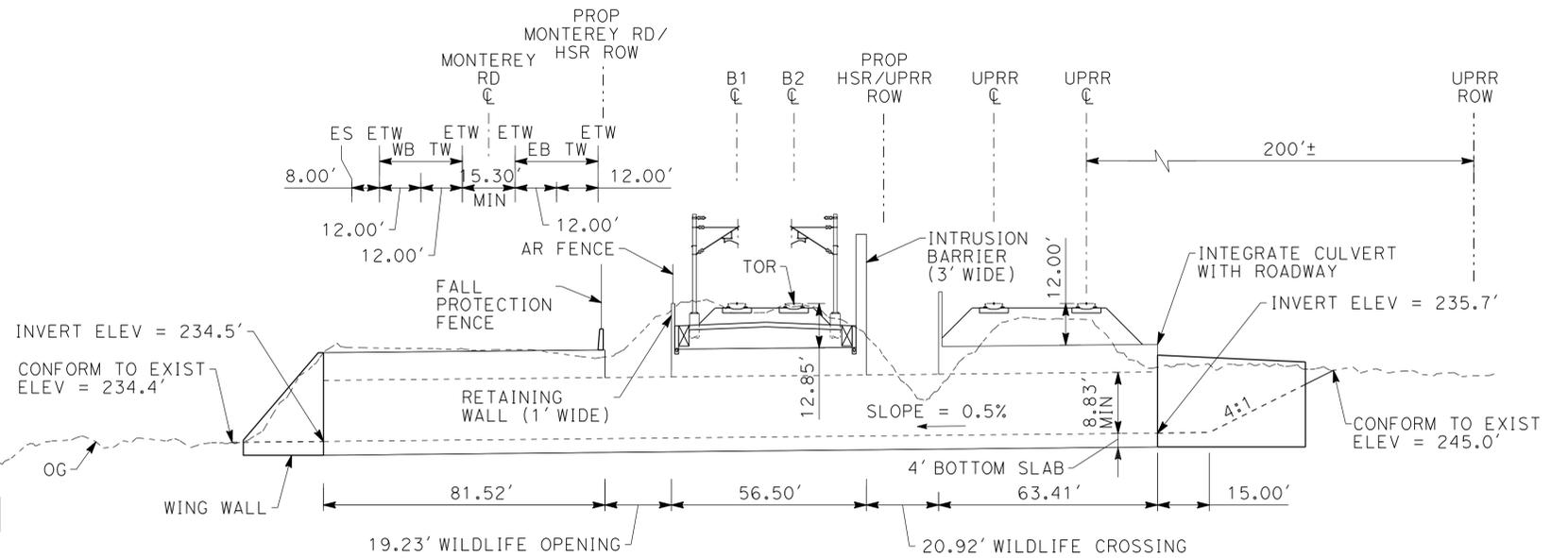
**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**

GENERAL  
WILDLIFE CROSSING DETAILS  
SHEET 2 OF 8

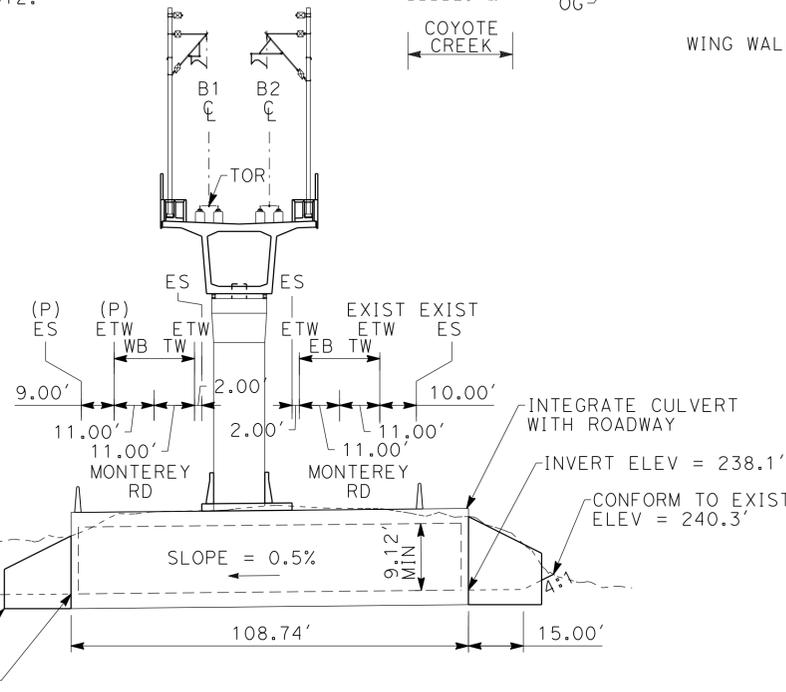
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**NOTES:**

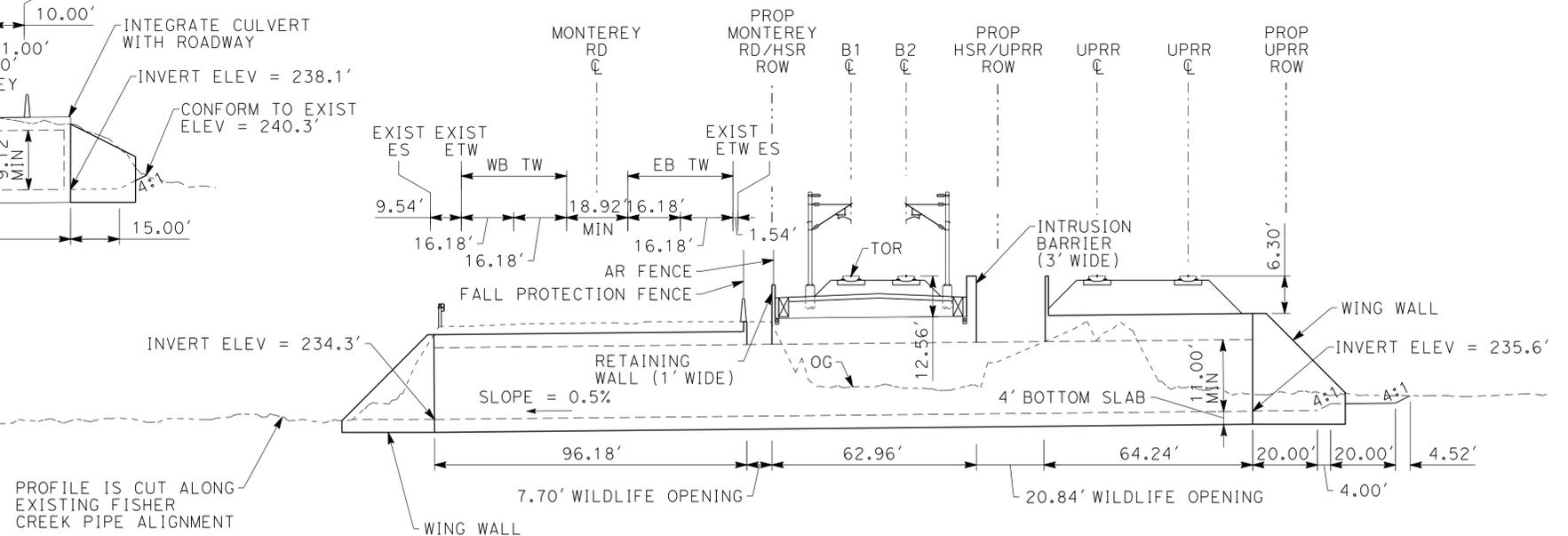
- IF 6' VERTICAL IS NOT POSSIBLE, A DESIGN VARIANCE MUST BE ISSUED. THE CULVERT MUST BE DESIGNED TO WITHSTAND SEISMIC LOADS AND APPROXIMATELY 100' ON EITHER SIDE OF THE CULVERT MUST BE CONSTRUCTED WITH HIGH COMPACTION SUB-BALLAST. THIS ACTION APPLIES TO UPRR TRACKS AS WELL.
- FOR CULVERTS BURIED MORE 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 44 OF 64**

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**MAY 3, 2019**

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**HNTB** 1111 Broadway  
9th Floor  
Oakland, CA 94607

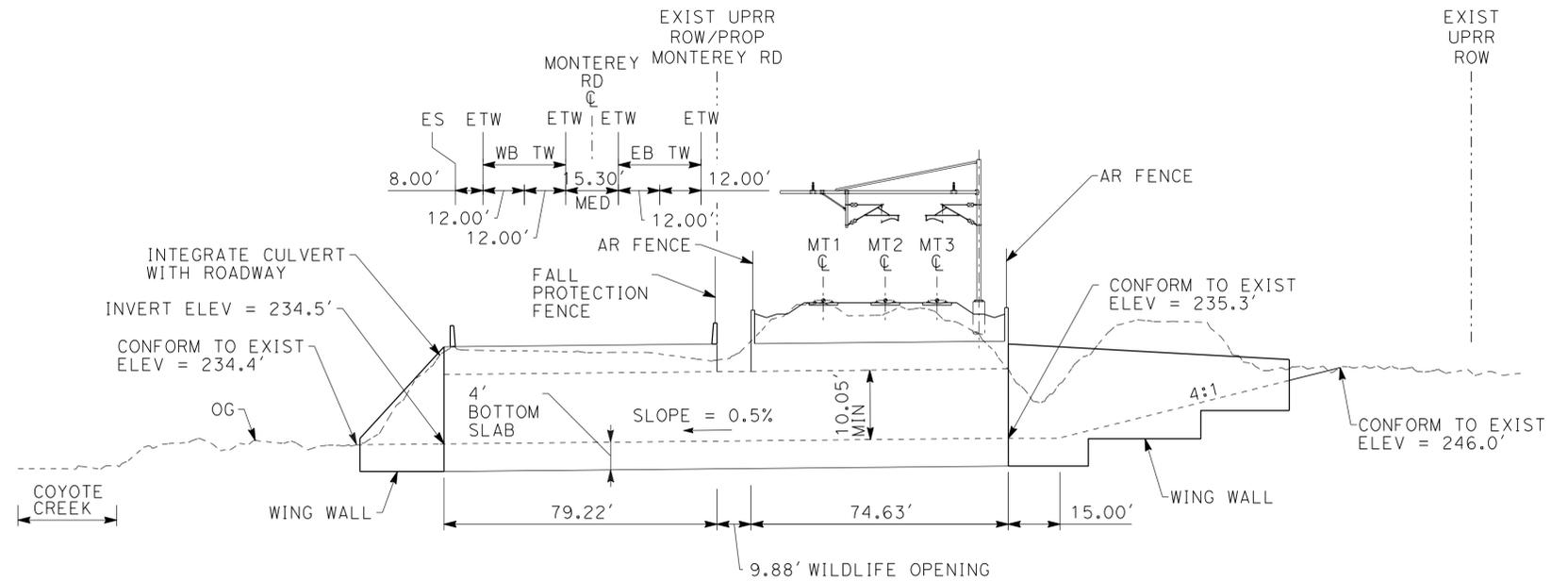


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
GENERAL  
WILDLIFE CROSSING DETAILS  
SHEET 3 OF 8

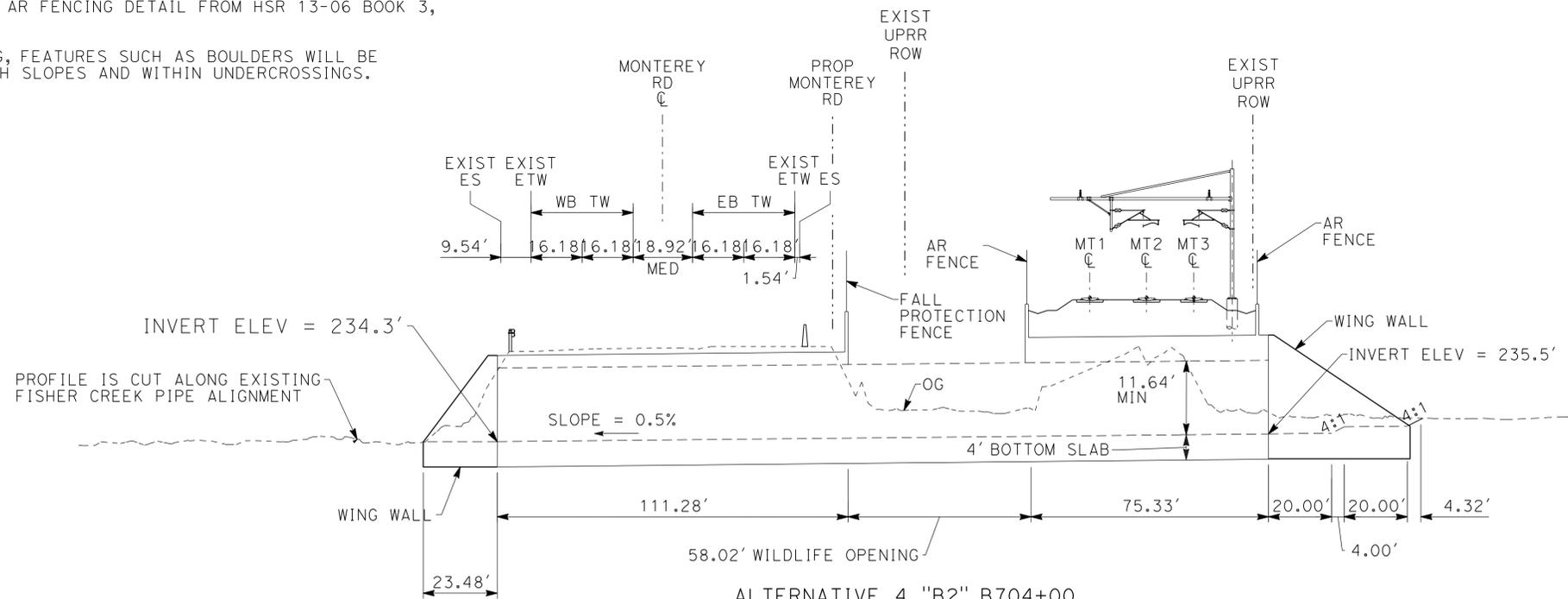
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| CONTRACT NO. | HSR15-34 |
| DRAWING NO.  | GE-C0005 |
| SCALE        | NONE     |
| SHEET NO.    |          |

**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 45 OF 64**

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\$PLTDRVS \$  
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**MAY 3, 2019**

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**CALIFORNIA**  
High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

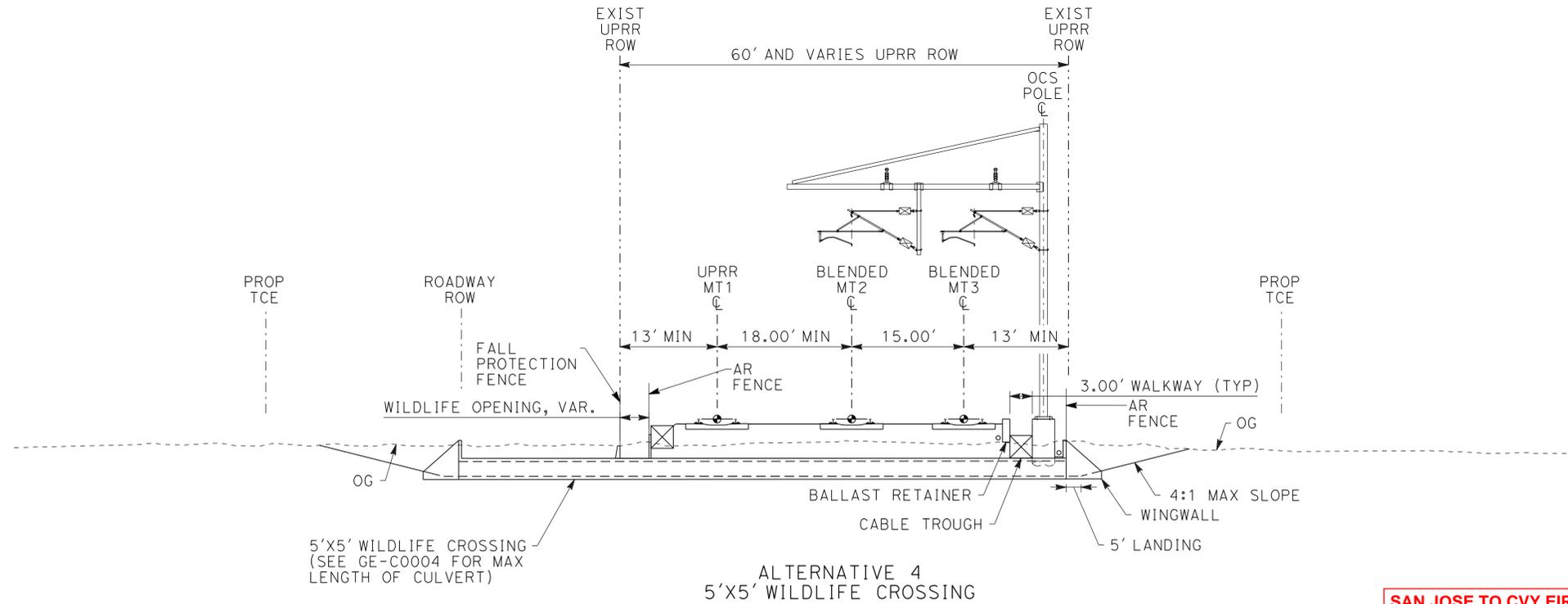
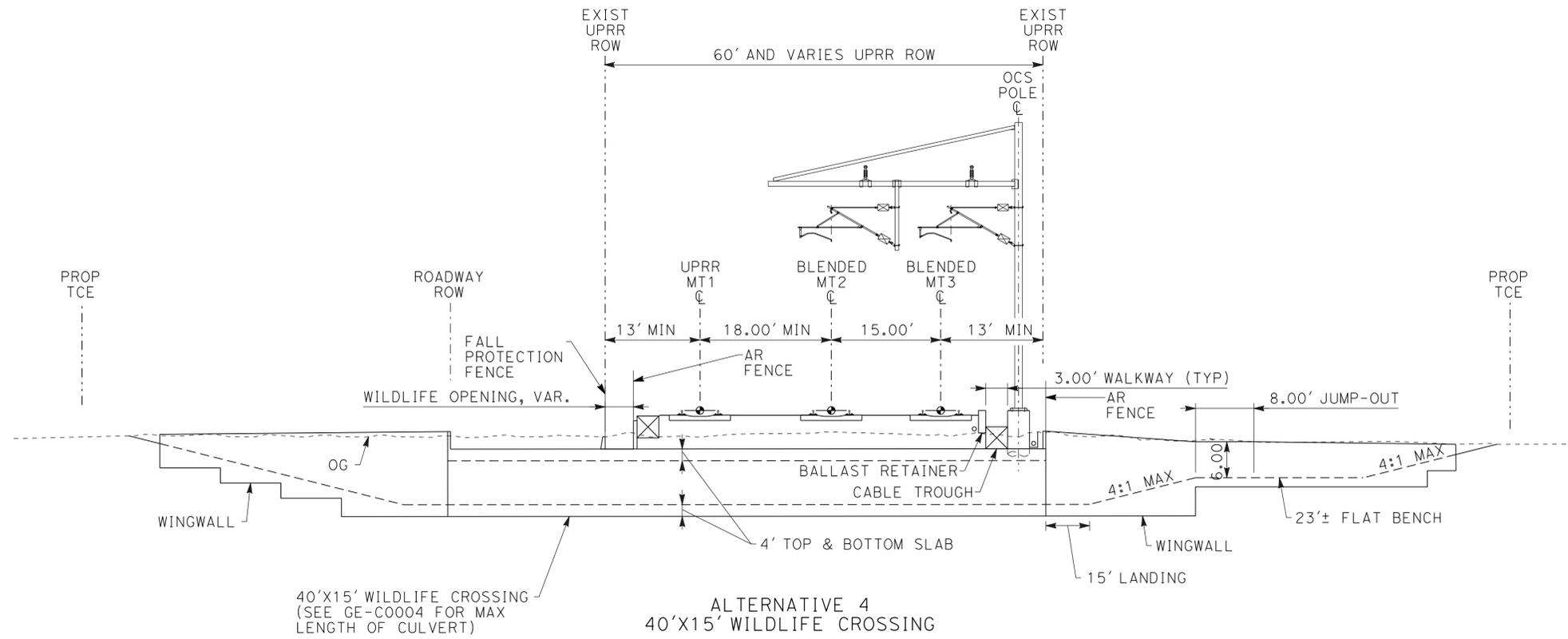
**SAN JOSE TO MERCED**

GENERAL  
WILDLIFE CROSSING DETAILS  
SHEET 4 OF 8

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

**NOTES:**

- 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 (SHEETS GE-C0010 TO 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.
- 



**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 46 OF 64**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
GENERAL  
WILDLIFE CROSSING DETAILS  
SHEET 5 OF 8

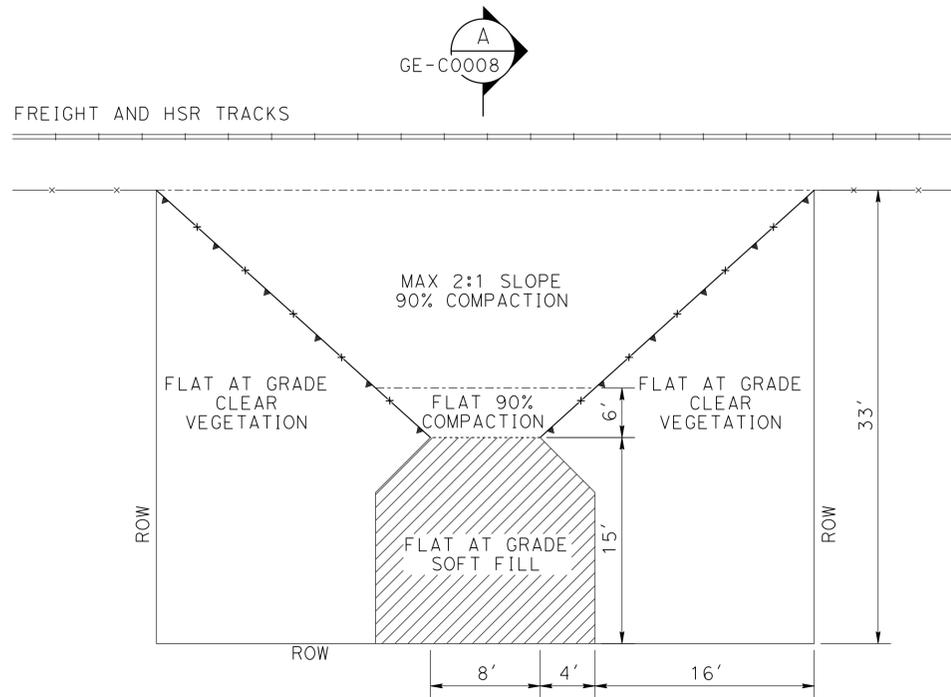
CONTRACT NO.  
HSR15-34  
DRAWING NO.  
GE-C0007  
SCALE  
NONE  
SHEET NO.

**NOTES:**

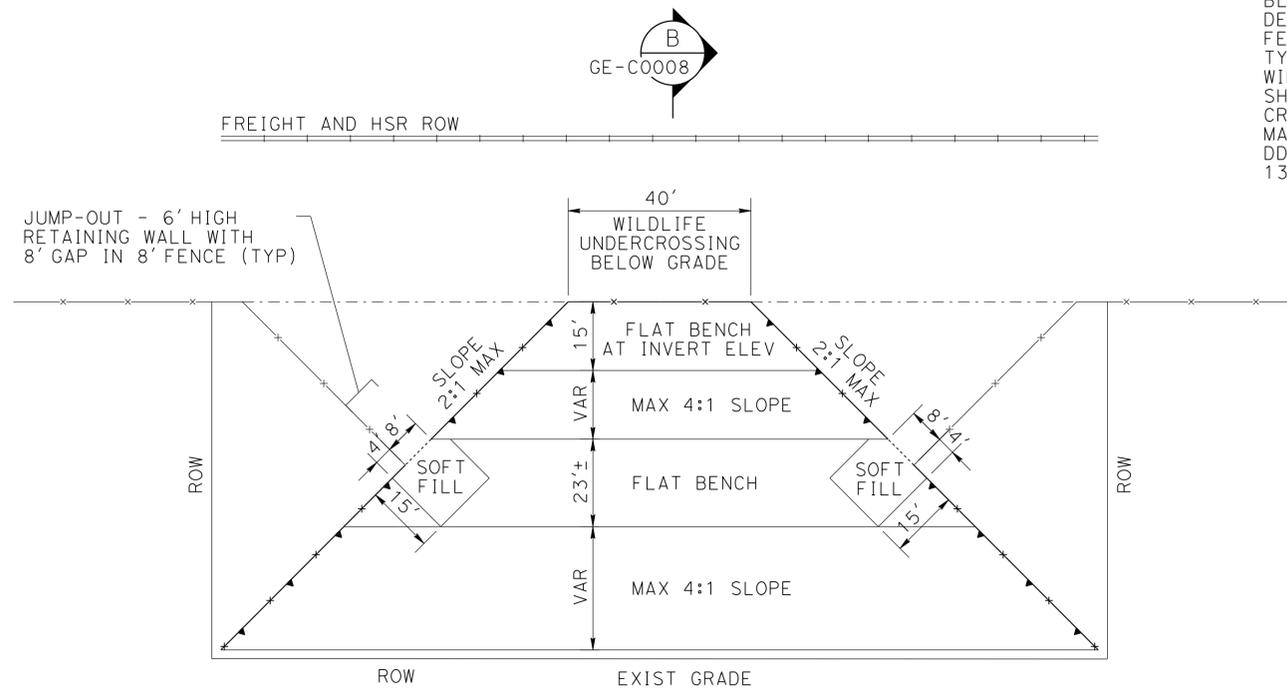
- APPROACHES TO WILDLIFE CROSSINGS WILL NOT BE BLOCKED BY AR OR AD FENCING. IF NECESSARY TO DELINEATE ROW, 3-STRAND WILDLIFE PERMEABLE FENCING WILL BE USED. ACCESS TO HSR ROW WILL TYPICALLY BE RESTRICTED WITH AR FENCING ON WING WALLS AND ON TOP OF THE BOX CULVERT AS SHOWN IN THE 10'X4.1' AND 10'X3' WILDLIFE 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.

**LEGEND:**

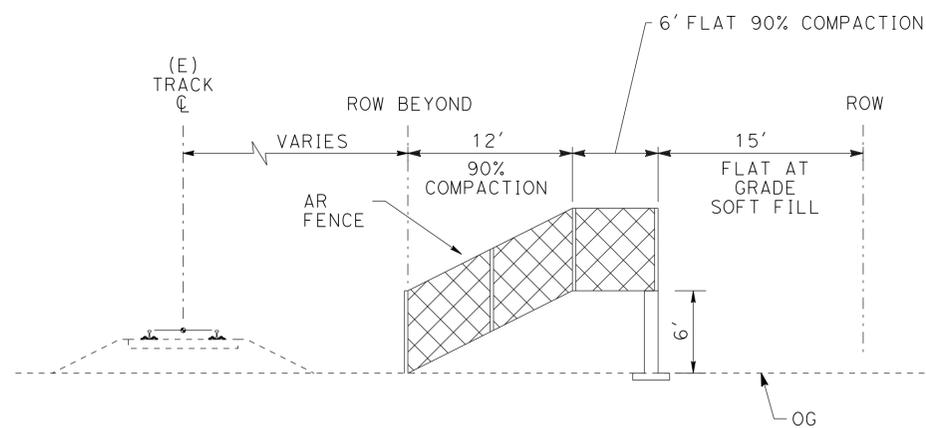
- AR FENCE ON RETAINING WALL
- AR FENCE
- 6' RETAINING WALL
- CUT AND FILL



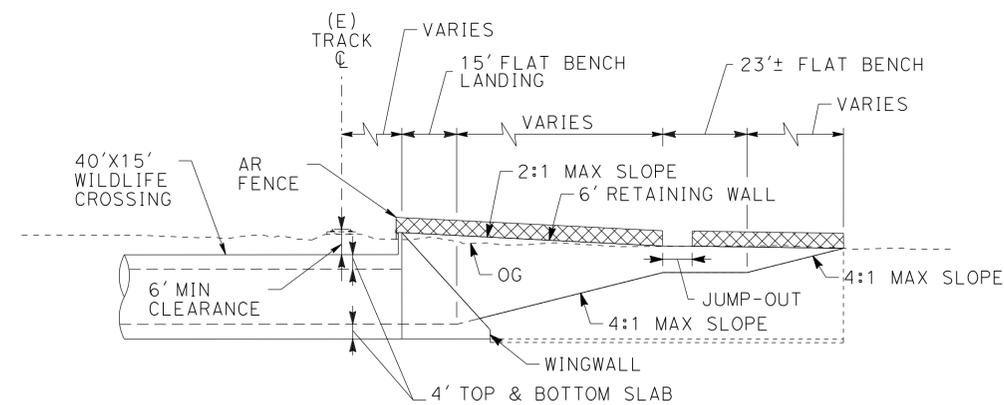
MONTEREY CORRIDOR WILDLIFE - DEDICATED JUMP OUTS



MONTEREY CORRIDOR WILDLIFE - INTEGRATED JUMP-OUTS



**SECTION A**  
NO SCALE



**SECTION B**  
NO SCALE

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 47 OF 64**

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| CHECKED BY  |  |
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

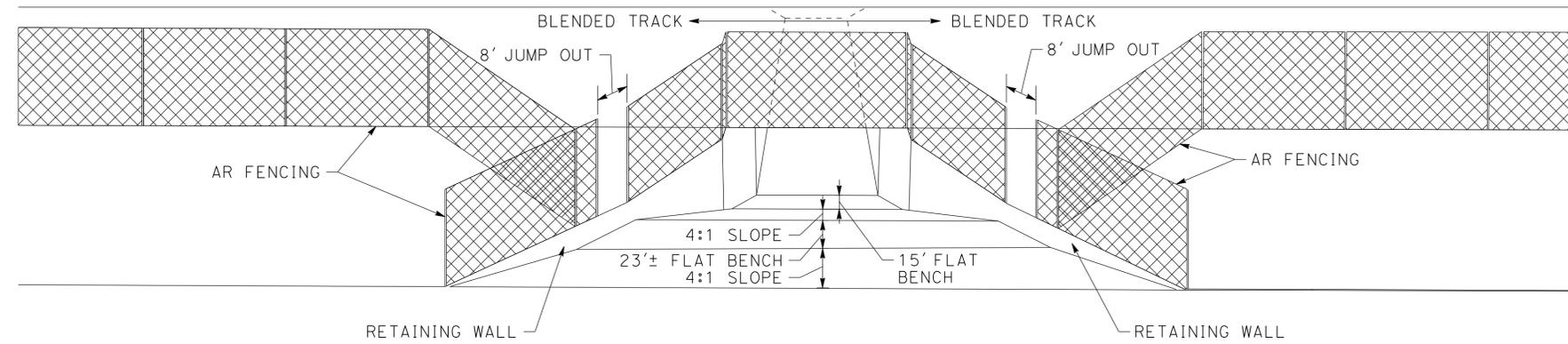
**SAN JOSE TO MERCED**

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 48 OF 64**

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| CHECKED BY  |  |
| IN CHARGE   |  |
| DATE        |  |

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**CALIFORNIA**  
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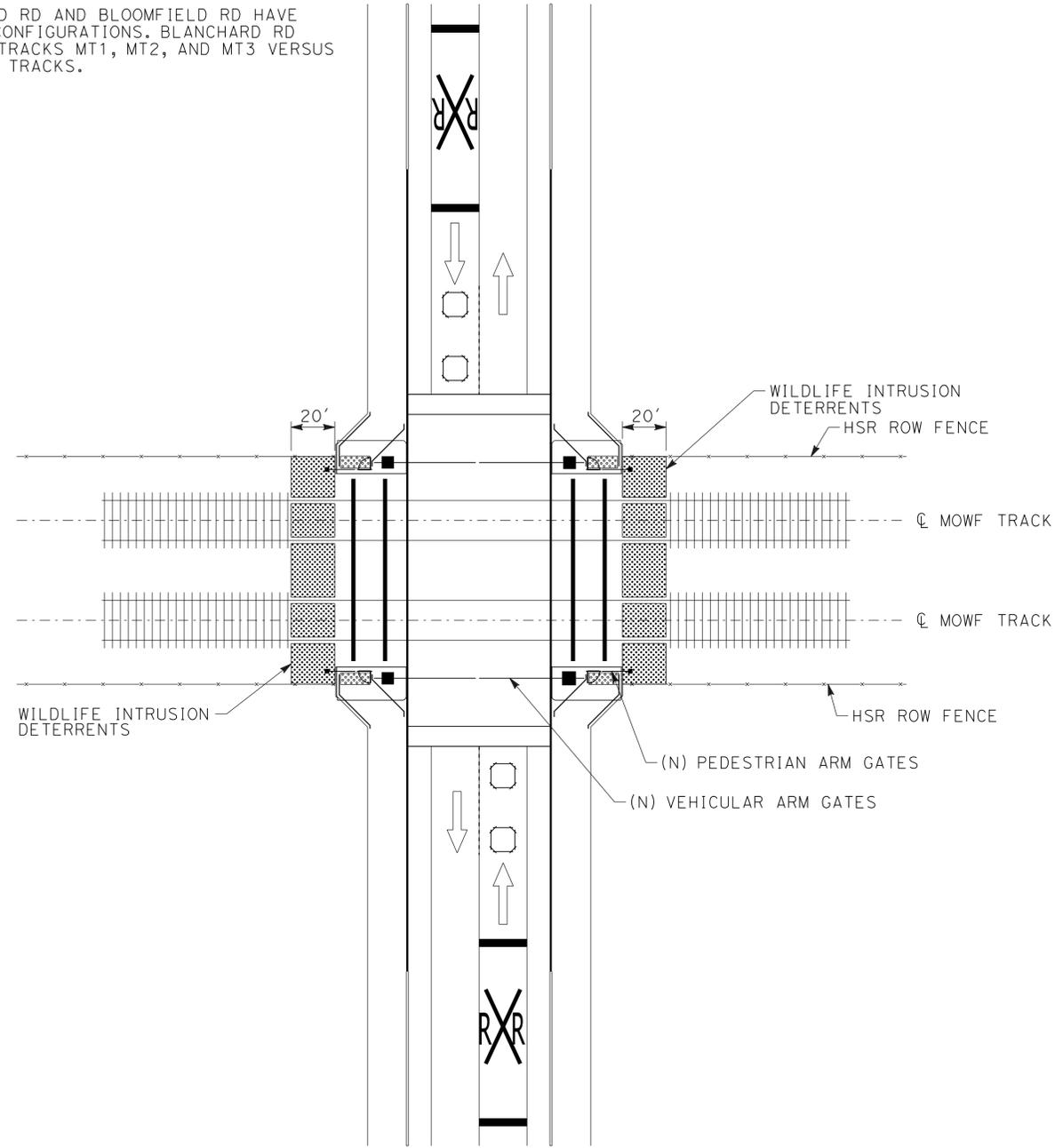
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**

WILDLIFE CORRIDOR DETAIL  
SHEET 7 OF 8

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

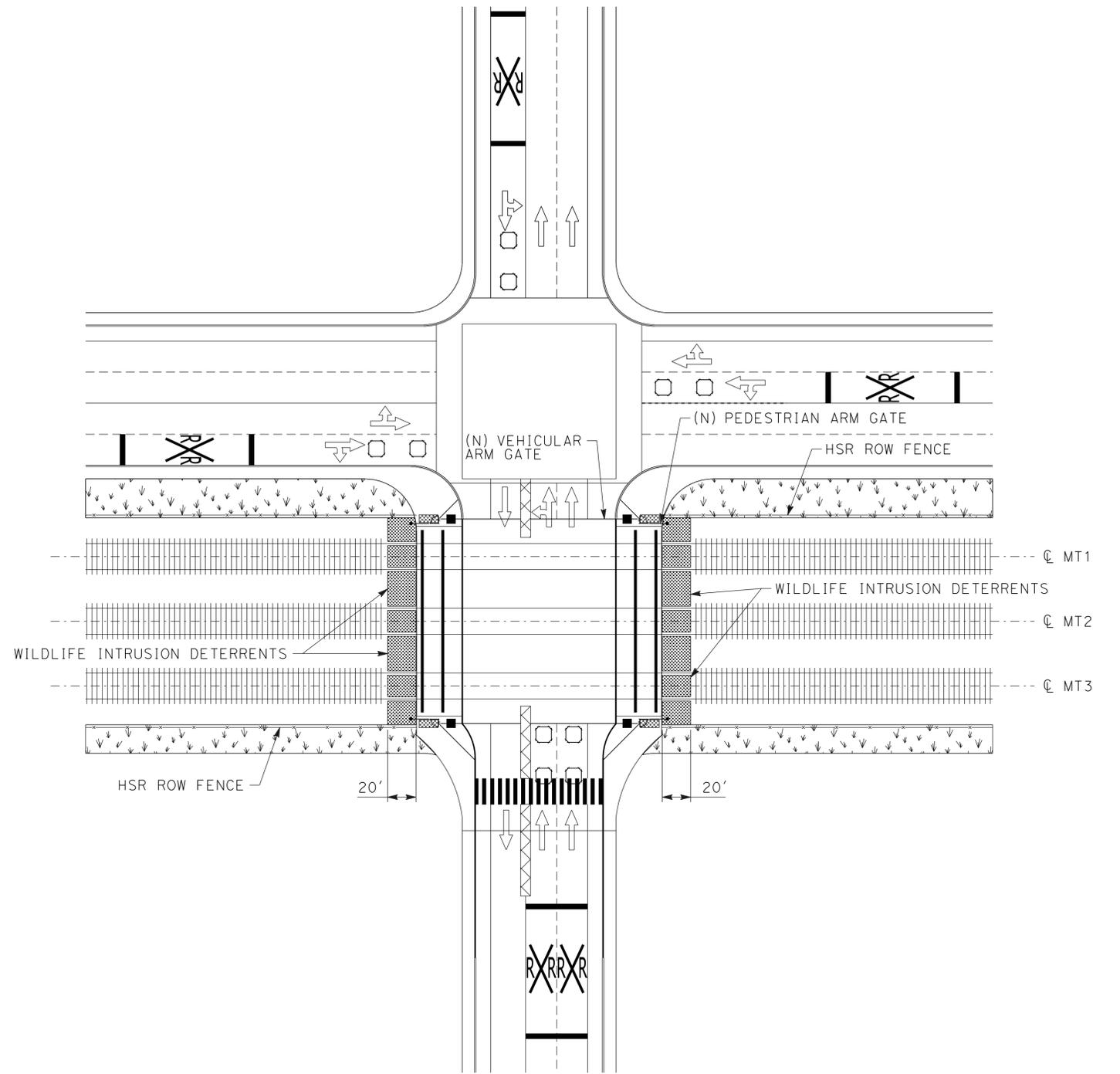
**NOTES:**

- 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 49 OF 64**

\$USER:\$ \$DATE:\$ \$TIME:\$ \$PENTBLS:\$ \$PLTDRVS:\$ \$FILE:\$

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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.    |          |

| 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 50 OF 64

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**MAY 3, 2019**

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Oakland, CA 94607



**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.    |          |

| 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 51 OF 64

\$USER \$ DATE \$ TIME \$ \$ PLTDRVS \$ \$ PENTBLS \$ \$ FILE \$

| REV | DATE | BY | CHK | APP | DESCRIPTION |
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| DRAWN BY    |  |
| CHECKED BY  |  |
| IN CHARGE   |  |
| DATE        |  |

**RECORD PEPP  
SUBMITTAL**

**MAY 3, 2019**

**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 2 OF 3

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

| 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   |   |   |

| 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 52 OF 64

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

| REV | DATE | BY | CHK | APP | DESCRIPTION |
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| DRAWN BY    |
| CHECKED BY  |
| IN CHARGE   |
| DATE        |

**RECORD PEPD SUBMITTAL**  
**MAY 3, 2019**  
**NOT FOR CONSTRUCTION**

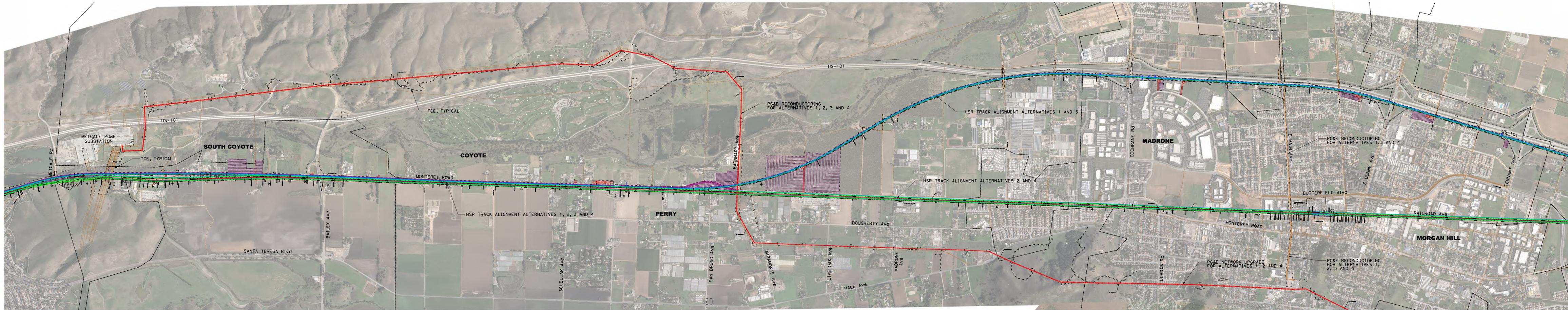
**HNTB**  
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9th Floor  
Oakland, CA 94607



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

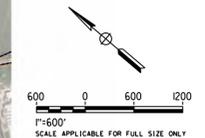
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| CONTRACT NO.<br>HSR15-34 |
| DRAWING NO.<br>GE-C0012  |
| SCALE<br>NONE            |
| SHEET NO.                |

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



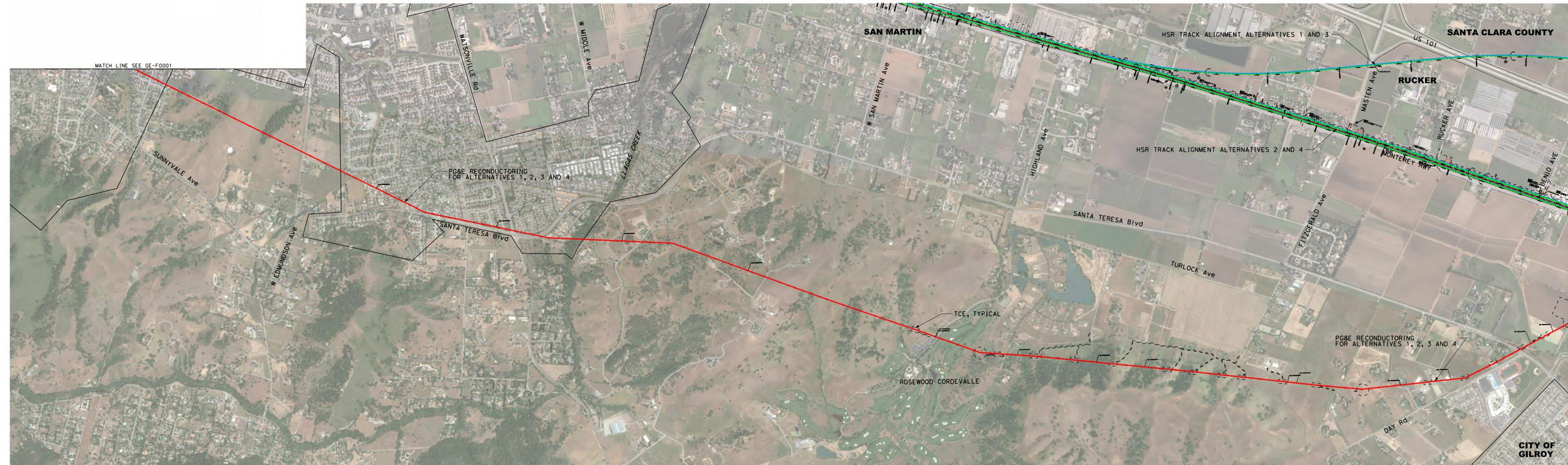
PLAN  
SCALE: 1"=600'

MATCH LINE SEE GE-F0002



**SAN JOSE TO CVY EIR/S: VOLUME III**  
**GENERAL INFORMATION BOOK**  
**SHEET 53 OF 64**

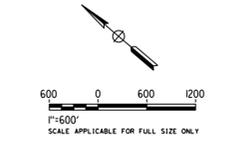
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| RECORD PERM<br>SUBMITTAL<br>MAY 3, 2019<br>NOT FOR<br>CONSTRUCTION |  | 1111 Broadway<br>9th Floor<br>Oakland, CA 94607 |  | <b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b><br><b>SAN JOSE TO MERCED</b><br>GENERAL<br>SYSTEMS<br>PG&E UPGRADE<br>SHEET 1 OF 6 | CONTRACT NO.<br>HSR15-34<br>DRAWING NO.<br>GE-F0001<br>SCALE<br>AS SHOWN<br>SHEET NO. |
|--|--|---|--|---|---|



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

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

**SAN JOSE TO CVY EIR/S: VOLUME III**  
**GENERAL INFORMATION BOOK**  
**SHEET 54 OF 64**



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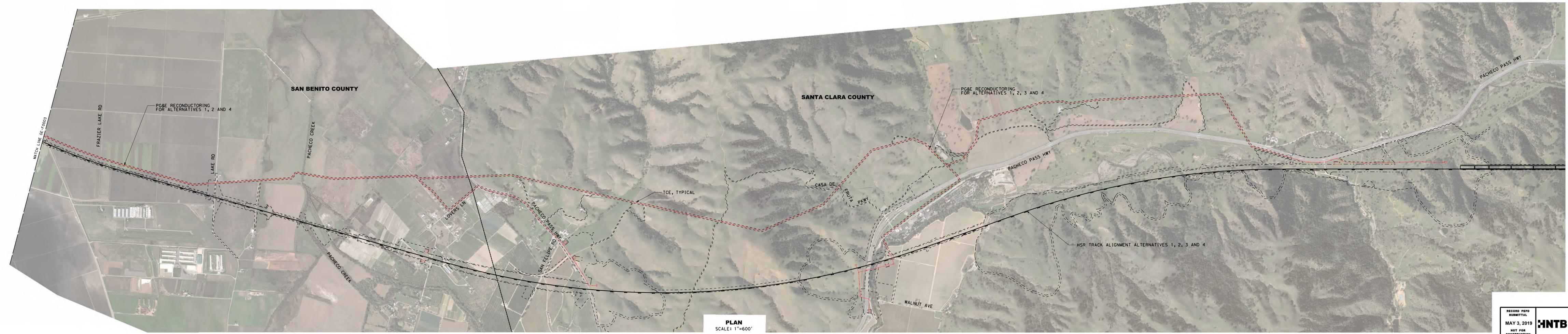
**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
GENERAL  
SYSTEMS  
PG&E UPGRADE  
SHEET 2 OF 6

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

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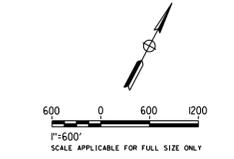


NOTE:  
FINAL DESIGNER TO COORDINATE AND CONFIRM DESIGN WITH PG&E.



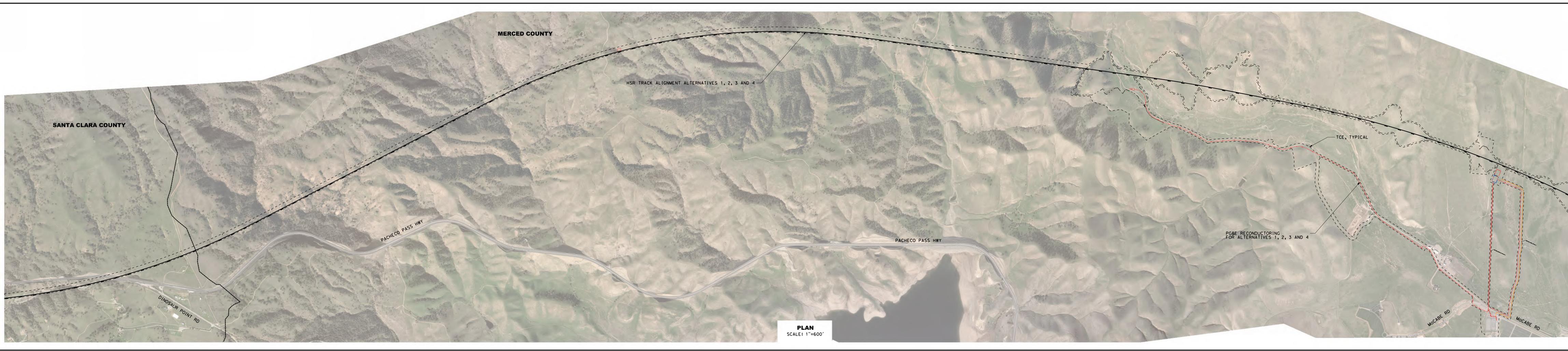
**PLAN**  
SCALE: 1"=600'

**SAN JOSE TO CVY EIR/S: VOLUME III**  
**GENERAL INFORMATION BOOK**  
**SHEET 56 OF 64**

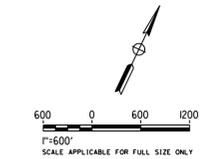


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| RECORD PERM<br>SUBMITTAL<br>MAY 3, 2019<br>NOT FOR<br>CONSTRUCTION |  | 1111 Broadway<br>9th Floor<br>Oakland, CA 94607 |  | <b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b><br><b>SAN JOSE TO MERCED</b><br>GENERAL SYSTEMS<br>PG&E UPGRADE<br>SHEET 4 OF 6 | CONTRACT NO.<br>HSR15-34<br>DRAWING NO.<br>GE-F0004<br>SCALE<br>AS SHOWN<br>SHEET NO. |
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NOTE:  
FINAL DESIGNER TO COORDINATE AND CONFIRM DESIGN WITH PG&E.

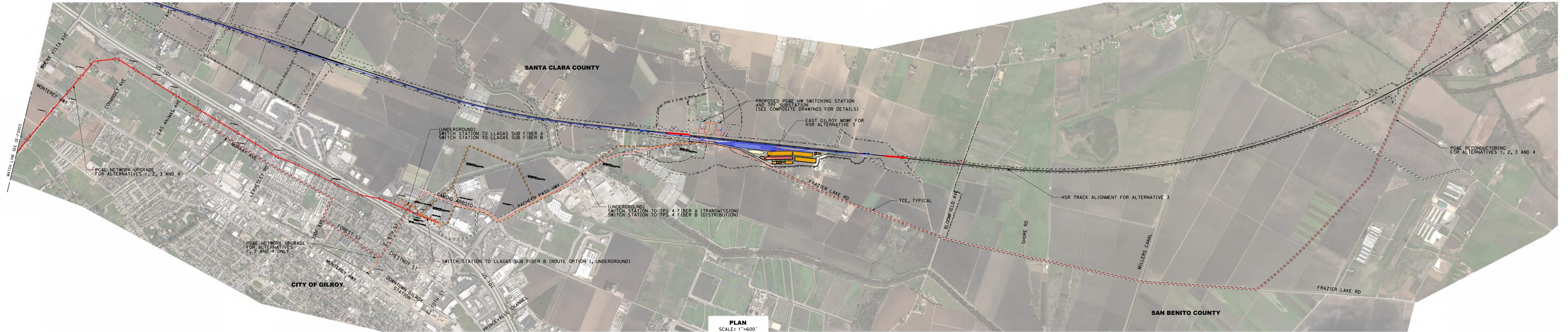


**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 57 OF 64**

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

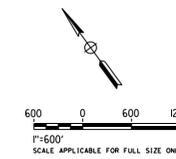
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| RECORD PERM<br>SUBMITTAL<br>MAY 3, 2019<br>NOT FOR<br>CONSTRUCTION |  | 1111 Broadway<br>9th Floor<br>Oakland, CA 94607 |  | <b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b><br><b>SAN JOSE TO MERCED</b><br>GENERAL SYSTEMS<br>PG&E UPGRADE<br>SHEET 5 OF 6 | CONTRACT NO.<br>HSR15-34<br>DRAWING NO.<br>GE-F-0005<br>SCALE<br>AS SHOWN<br>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 58 OF 64**



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|--|--|---|--|--|---|
| RECORD PERM<br>SUBMITTAL<br>MAY 3, 2019<br>NOT FOR<br>CONSTRUCTION |  | 1111 Broadway<br>9th Floor<br>Oakland, CA 94607 |  | <b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b><br><b>SAN JOSE TO MERCED</b><br>GENERAL SYSTEMS<br>PG&E UPGRADE<br>SHEET 6 OF 6 | CONTRACT NO.<br>HSR15-34<br>DRAWING NO.<br>GE-F0006<br>SCALE<br>AS SHOWN<br>SHEET NO. |
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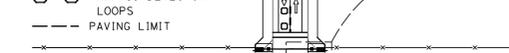
**APPLICATION A**

- 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)-(14) CROSSING LANES
  - (2) OVERHEAD SIGNALS - WHERE PRESENT

\* ADD (4) VEHICULAR ARM GATES IF LENGTH OF VEHICULAR ARM GATE IS TO SPAN LONGER THAN 32 FT

\*\* MAY HAVE 2 OR 3 CROSSING TRACKS



- LEGEND**
- - - FENCE
  - - - CHANNELIZERS
  - ▨ RAISED MEDIAN
  - ▩ MEDIAN BARRIER
  - ○ TRAFFIC DETECTOR LOOPS
  - - - PAVING LIMIT

**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
  - (2)-(6) ADJACENT LANES
  - (4) OVERHEAD SIGNALS

\* ADD (4) VEHICULAR ARM GATES IF LENGTH OF VEHICULAR ARM GATE IS TO SPAN LONGER THAN 32 FT

\*\* MAY HAVE 2 OR 3 CROSSING TRACKS



- LEGEND**
- - - FENCE
  - - - CHANNELIZERS
  - ▨ RAISED MEDIAN
  - ▩ MEDIAN BARRIER
  - ○ TRAFFIC DETECTOR LOOPS
  - - - PAVING LIMIT

**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

\* ADD (4) VEHICULAR ARM GATES IF LENGTH OF VEHICULAR ARM GATE IS TO SPAN LONGER THAN 32 FT

\*\* MAY HAVE 2 OR 3 CROSSING TRACKS



- LEGEND**
- - - FENCE
  - - - CHANNELIZERS
  - ▨ RAISED MEDIAN
  - ▩ MEDIAN BARRIER
  - ○ TRAFFIC DETECTOR LOOPS
  - - - PAVING LIMIT

**APPLICATION C**

- IMPROVEMENTS:**
- ADD (2) VEHICULAR ARM GATES
  - ADD CHANNELIZERS ON ADJACENT STREETS
  - 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

\* ADD (4) VEHICULAR ARM GATES IF LENGTH OF VEHICULAR ARM GATE IS TO SPAN LONGER THAN 32 FT

\*\* MAY HAVE 2 OR 3 CROSSING TRACKS



- LEGEND**
- - - FENCE
  - - - CHANNELIZERS
  - ▨ RAISED MEDIAN
  - ▩ MEDIAN BARRIER
  - ○ TRAFFIC DETECTOR LOOPS
  - - - PAVING LIMIT

**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)-(3) CROSSING LANES
  - (2)-(6) ADJACENT LANES
  - (2) OVERHEAD SIGNALS

\* ADD (4) VEHICULAR ARM GATES IF LENGTH OF VEHICULAR ARM GATE IS TO SPAN LONGER THAN 32 FT

\*\* MAY HAVE 2 OR 3 CROSSING TRACKS



- LEGEND**
- - - FENCE
  - - - CHANNELIZERS
  - ▨ RAISED MEDIAN
  - ▩ MEDIAN BARRIER
  - ○ TRAFFIC DETECTOR LOOPS
  - - - PAVING LIMIT

**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)-(7) CROSSING LANES
  - (5)-(8) ADJACENT LANES
  - (4) OVERHEAD SIGNALS

\* ADD (4) VEHICULAR ARM GATES IF LENGTH OF VEHICULAR ARM GATE IS TO SPAN LONGER THAN 32 FT

\*\* MAY HAVE 2 OR 3 CROSSING TRACKS



- LEGEND**
- - - FENCE
  - - - CHANNELIZERS
  - ▨ RAISED MEDIAN
  - ▩ MEDIAN BARRIER
  - ○ TRAFFIC DETECTOR LOOPS
  - - - PAVING LIMIT

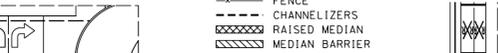
**APPLICATION C2**

- 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

\* ADD (4) VEHICULAR ARM GATES IF LENGTH OF VEHICULAR ARM GATE IS TO SPAN LONGER THAN 32 FT

\*\* MAY HAVE 2 OR 3 CROSSING TRACKS



- LEGEND**
- - - FENCE
  - - - CHANNELIZERS
  - ▨ RAISED MEDIAN
  - ▩ MEDIAN BARRIER
  - ○ TRAFFIC DETECTOR LOOPS
  - - - PAVING LIMIT
  - - - PEDESTRIAN BARRIER

**APPLICATION D**

- 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

\* ADD (4) VEHICULAR ARM GATES IF LENGTH OF VEHICULAR ARM GATE IS TO SPAN LONGER THAN 32 FT

\*\* MAY HAVE 2 OR 3 CROSSING TRACKS



- LEGEND**
- - - FENCE
  - - - CHANNELIZERS
  - ▨ RAISED MEDIAN
  - ▩ MEDIAN BARRIER
  - ○ TRAFFIC DETECTOR LOOPS
  - - - PAVING LIMIT
  - - - PEDESTRIAN BARRIER

**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

\* ADD (4) VEHICULAR ARM GATES IF LENGTH OF VEHICULAR ARM GATE IS TO SPAN LONGER THAN 32 FT

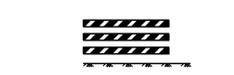
\*\* MAY HAVE 2 OR 3 CROSSING TRACKS



- LEGEND**
- - - FENCE
  - - - CHANNELIZERS
  - ▨ RAISED MEDIAN
  - ▩ MEDIAN BARRIER
  - ○ TRAFFIC DETECTOR LOOPS
  - - - PAVING LIMIT
  - - - PEDESTRIAN BARRIER

**ROAD CLOSURE APPLICATION 1**

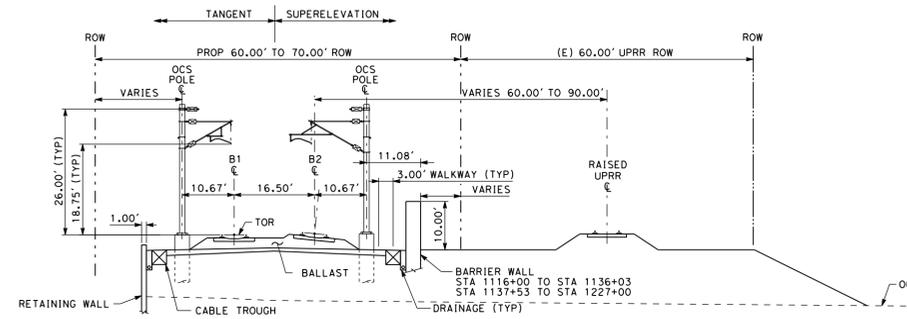
- NOTES:**
1. TYPE III BARRICADES (A73C) WITH RED AND WHITE RETROREFLECTIVE STRIPES.
  2. TYPE 4 OBJECT MARKERS (OM4-2).
  3. ADVANCE WARNING SIGNS MUST BE INSTALLED IN CONFORMANCE WITH CAMUTCD.



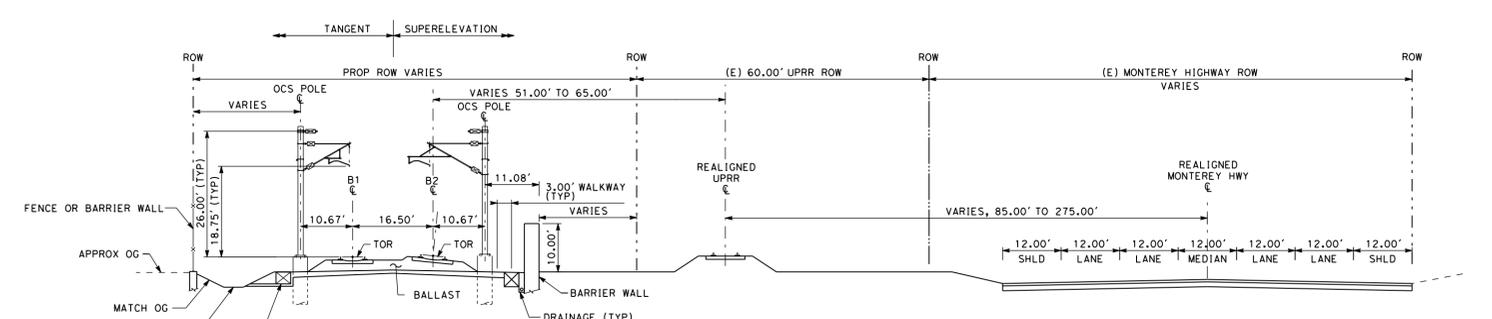
ONLY FACE OF RAILS SHOWN. BARRICADE CONSTRUCTION MATERIALS AND SUPPORTS AS SPECIFIED IN THE SPECIFICATIONS.

| Station  | Grade Crossing   | Existing Conditions |        |        |        |           |           |           |        |           |             | Improvements       |        |          |        |          |     |           |              |      |     |       |          |          |     |             |        |     |
|----------|------------------|---------------------|--------|--------|--------|-----------|-----------|-----------|--------|-----------|-------------|--------------------|--------|----------|--------|----------|-----|-----------|--------------|------|-----|-------|----------|----------|-----|-------------|--------|-----|
|          |                  | No. of Lanes        | Trucks | Street | Medial | Proximity | Proximity | Proximity | Street | City      | Vehicle     | Feet               | Trucks | Max Fill | Median | Sidewalk | New | Footprint | Interruption | Rate | ADT | Appl. | Crossing | Adjacent | TOR | Install New |        |     |
| B1154-00 | Azzarini Ave     | 1                   | 1      | 2      | 38     | 60        | 0         | 205       | 54     | 53        | Residential | San Jose           | 4      | 4        | 3      | 1.3      | 0   | 10        | 60           | 73   | Yes | 1.028 | 0        | A        | 2   | 107.60      | NO     |     |
| B1122-10 | W Virginia St    | 1                   | 1      | 2      | 38     | 60        | 0         | 205       | 54     | 53        | Residential | San Jose           | 4      | 4        | 3      | 1.3      | 0   | 10        | 60           | 73   | Yes | 1.028 | 0        | A        | 2   | 107.60      | NO     |     |
| B400-00  | Shawnee Ct       | 1                   | 1      | 2      | 79     | 90        | 0         | 53        | 276    | 28        | Arterial    | San Jose           | 4      | 4        | 3      | 0.58     | 147 | 13        | 100          | 100  | Yes | 0     | 0        | D        | 4   | 2           | 208.30 | NO  |
| B429-30  | Brancham Ln      | 3                   | 2      | 2      | 84     | 104       | 0         | 49        | 111    | 36        | Arterial    | San Jose           | 4      | 4        | 3      | 1.35     | 0   | 13        | 100          | 121  | Yes | 0     | 0        | D        | 5   | 7.4         | 183.20 | NO  |
| B474-00  | Carmichael Ave   | 1                   | 1      | 2      | 118    | 138       | 0         | 145       | 200    | 37        | Arterial    | San Jose           | 4      | 4        | 3      | 1.35     | 0   | 13        | 100          | 121  | Yes | 0     | 0        | D        | 5   | 7.4         | 183.20 | NO  |
| B723-00  | Brancham Rd      | 1                   | 1      | 2      | 33     | N/A       | 0         | 88        | 50     | 230       | Collector   | San Jose           | 4      | 4        | 3      | 0.74     | 0   | 25        | 65           | 63   | Yes | 0.158 | 60       | A        | 2   | 259.11      | NO     |     |
| B887-00  | Balm Ave         | 1                   | 1      | 1      | 21     | 25        | 0         | 57        | 130    | 48        | Collector   | San Jose           | 4      | 4        | 3      | 1.54     | 0   | 10        | 75           | 58   | Yes | 0     | 0        | C        | 2   | 1           | 305.50 | NO  |
| B903-17  | Live Oak Ave     | 1                   | 1      | 2      | 26     | 25        | 0         | 126       | 27     | Collector | San Jose    | 4                  | 4      | 3        | 1.98   | 0        | 10  | 75        | 60           | Yes  | 0   | 0     | C        | 2        | 1   | 318.50      | NO     |     |
| B1027-27 | Tilton Ave       | 1                   | 1      | 1      | 32     | 68        | 0         | 52        | 200    | 99        | Collector   | Morgan Hill        | 4      | 4        | 3      | 0.84     | 0   | 10        | 75           | 81   | Yes | 0     | 0        | A        | 2   | 1           | 36.00  | NO  |
| B1134-00 | Malan Ave        | 1                   | 1      | 1      | 1      | 1         | 0         | 14        | 14     | 53        | Arterial    | Morgan Hill        | 4      | 4        | 3      | 1.03     | 117 | 30        | 100          | 118  | Yes | 0     | 0        | A        | 4   | 2           | 308.30 | NO  |
| B1158-00 | E Chico Ave      | 2                   | 2      | 1      | 1      | 1         | 0         | 86        | 90     | 135       | Arterial    | Morgan Hill        | 4      | 4        | 3      | 0.54     | 109 | 105       | 110          | Yes  | 0   | 0     | A        | 4        | 2   | 349.30      | NO     |     |
| B1174-00 | San Pedro Ave    | 1                   | 1      | 1      | 1      | 1         | 0         | 140       | 60     | 0         | Collector   | Morgan Hill        | 4      | 4        | 3      | 1.19     | 0   | 10        | 60           | 60   | Yes | 0     | 0        | A        | 2   | 1           | 345.70 | NO  |
| B1200-00 | Tennant Ave      | 2                   | 2      | 1      | 1      | 1         | 0         | 100       | 100    | 130       | Arterial    | Morgan Hill        | 4      | 4        | 3      | 0.54     | 109 | 105       | 110          | Yes  | 0   | 0     | A        | 4        | 2   | 318.70      | NO     |     |
| B1277-00 | E Middle Ave     | 1                   | 1      | 1      | 24     | 24        | 0         | 185       | 261    | 69        | Collector   | Morgan Hill        | 4      | 4        | 3      | 0.89     | 0   | 10        | 66           | 56   | Yes | 0.602 | 0        | A        | 2   | 1           | 310.00 | NO  |
| B1345-00 | S San Martin Ave | 2                   | 4      | 1      | 1      | 1         | 0         | 141       | 163    | 38        | Arterial    | Santa Clara County | 4      | 4        | 3      | 0.86     | 10  | 10        | 100          | 110  | Yes | 0     | 0        | A        | 4   | 2           | 420.10 | YES |
| B1415-00 | Church Ave       | 1                   | 1      | 1      | 24     | 60        | 0         | 46        | 0      | 0         | Collector   | Santa Clara County | 4      | 4        | 3      | 1.03     | 0   | 10        | 60           | 60   | Yes | 0     | 0        | C        | 2   | 1           | 248.40 | NO  |
| B1450-00 | Marion Ave       | 1                   | 1      | 1      | 42     | 60        | 0         | 36        | 0      | 0         | Collector   | Santa Clara County | 4      | 4        | 3      | 0.64     | 0   | 10        | 60           | 73   | Yes | 0     | 0        | C        | 2   | 1           | 248.40 | NO  |
| B1460-00 | Rucker Ave       | 1                   | 1      | 1      | 79     | 80        | 0         | 42        | 0      | 0         | Collector   | Santa Clara County | 4      | 4        | 3      | 2.02     | 0   | 10        | 60           | 60   | Yes | 0     | 0        | C        | 2   | 1           | 248.70 | YES |
| B1517-00 | Buena Vista Ave  | 1                   | 1      | 1      | 24     | 50        | 0         | 42        | 96     | 55        | Collector   | Gilroy             | 4      | 4        | 3      | 1.75     | 0   | 10        | 50           | 50   | Yes | 0     | 0        | C        | 2   | 1           | 295.50 | YES |
| B1544-00 | Cohamary Ave     | 1                   | 1      | 1      | 24     | 60        | 0         | 41        | 24     | 60        | Collector   | Gilroy             | 4      | 4        | 3      | 2.4      | 0   | 10        | 60           | 60   | Yes | 0     | 0        | C        | 2   | 1           | 271.00 | NO  |
| B1560-00 | Los Angeles Ave  | 2                   | 2      | 1      | 1      | 1         | 0         | 38        | 238    | 157       | Collector   | Gilroy             | 4      | 4        | 3      | 0.75     | 0   | 10        | 50           | 50   | Yes | 0     | 0        | C        | 2   | 1           | 271.70 | NO  |
| B1600-00 | Leavenworth St   | 3                   | 4      | 1      | 1      | 1         | 0         | 140       | 170    | 27        | Arterial    | Gilroy             | 4      | 4        | 3      | 1.53     | 117 | 120       | 120          | Yes  | 0   | 0     | C        | 1        | 2   | 289.00      | NO     |     |
| B1610-12 | 1st St           | 1                   | 1      | 1      | 24     | 60        | 0         | 224       | 131    | 116       | Collector   | Gilroy             | 4      | 4        | 3      | 0.64     | 0   | 10        | 60           | 60   | Yes | 0     | 0        | A        | 2   | 1           | 293.90 | NO  |
| B1614-17 | Leaven St        | 1                   | 1      | 1      | 38     | 60        | 0         | 91        | 18     | 40        | Arterial    | Gilroy             | 4      | 4        | 3      | 1.15     | 0   | 10        | 60           | 70   | Yes | 0     | 0        | A        | 2   | 1           | 293.90 | NO  |
| B1640-17 | Marion St        | 1                   | 1      | 1      | 26     | 60        | 0         | 91        | 33     | 40        | Residential | Gilroy             | 4      | 4        | 3      | 0.64     | 0   | 10        | 60           | 60   | Yes | 0     | 0        | A        | 2   | 1           | 293.00 | NO  |
| B1650-17 | E 10th St        | 1                   | 1      | 1      | 26     | 60        | 0         | 77        | 33     | 30        | Collector   | Gilroy             | 4      | 4        | 3      | 1.07     | 0   | 10        | 60           | 70   | Yes | 0     | 0        | A        | 2   | 1           | 293.00 | NO  |
| B1670-20 | E 10th St        | 2                   | 2      | 1      | 22     | 104       | 0         | 242       |        |           |             |                    |        |          |        |          |     |           |              |      |     |       |          |          |     |             |        |     |

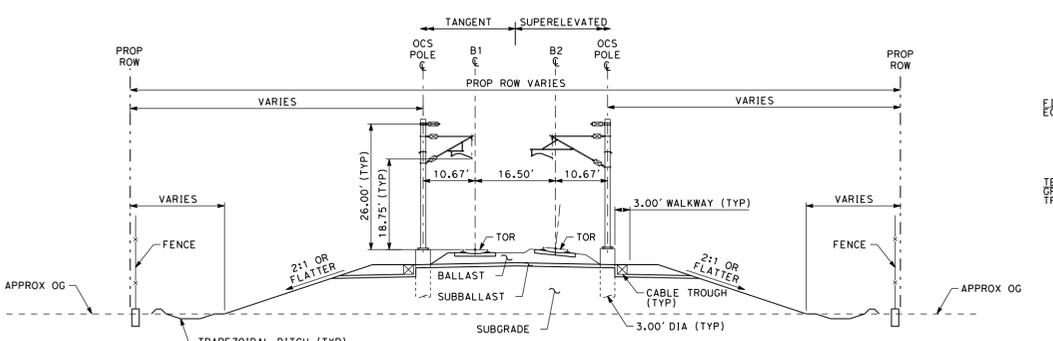




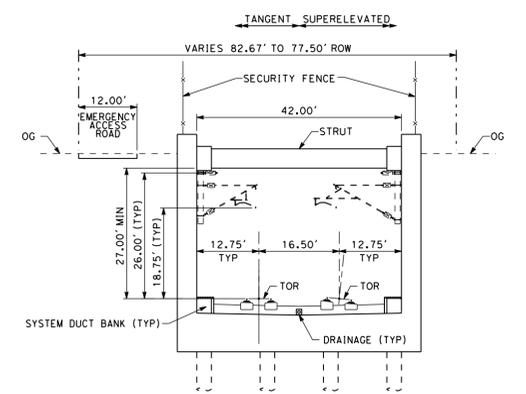
**RETAINED FILL  
TYPICAL SECTION**



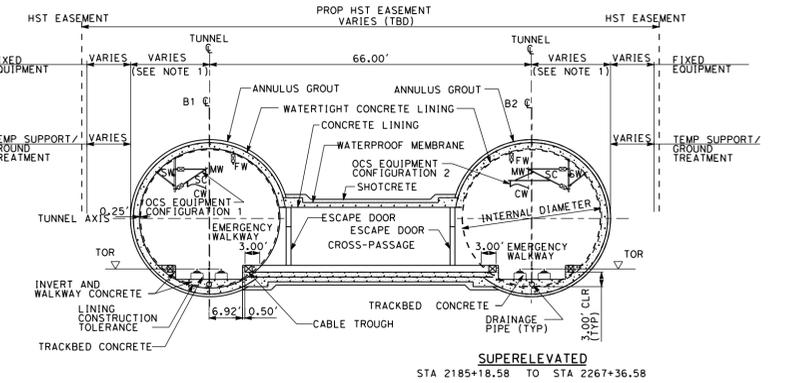
**AT GRADE  
TYPICAL SECTION**



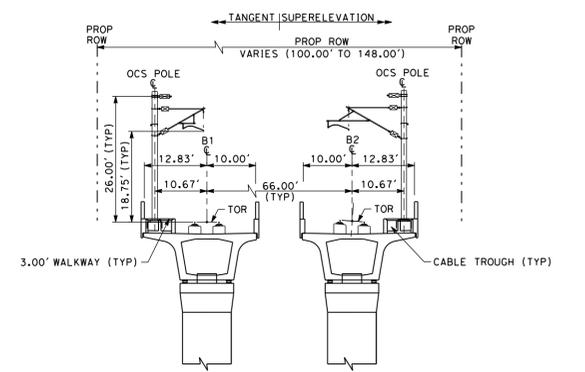
**EMBANKMENT  
TYPICAL SECTION**



**TYPICAL TRENCH SECTION**  
TRACK CENTERS 16.50'



**TYPICAL TWIN BORED TUNNEL  
SECTION**

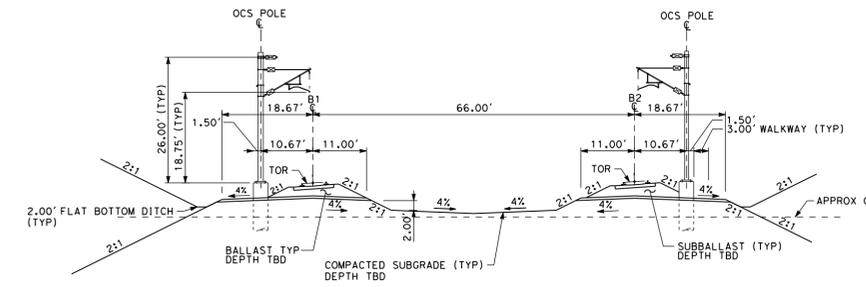


**VIADUCT  
TYPICAL SINGLE TRACK  
AERIAL HST GUIDEWAY**

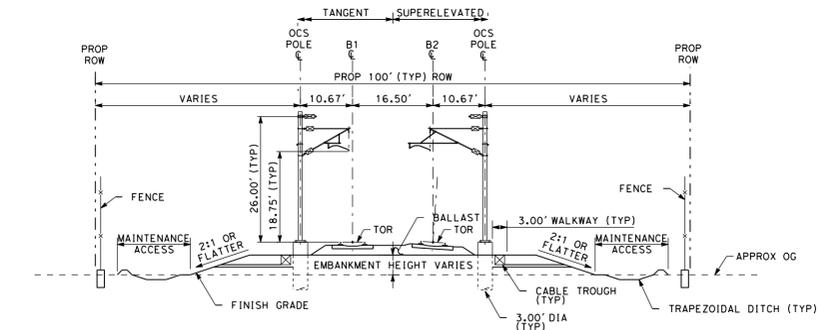
**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 61 OF 64**



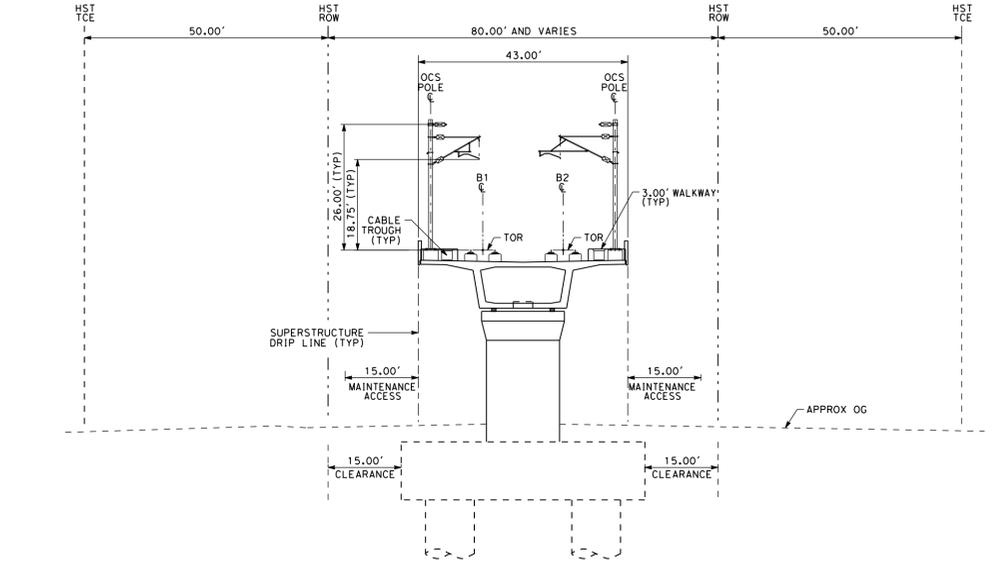
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| RECORD PERP<br>SUBMITTAL<br>MAY 3, 2019<br>NOT FOR<br>CONSTRUCTION | <b>HNTB</b><br>1111 Broadway<br>9th Floor<br>Oakland, CA 94607 | <b>CALIFORNIA</b><br>High-Speed Rail Authority | <b>CALIFORNIA HIGH-SPEED TRAIN PROJECT<br/>SAN JOSE TO MERCED</b><br>GENERAL<br>TYPICAL SECTIONS<br>SHEET 2 OF 3 | CONTRACT NO.<br>HSR15-34<br>DRAWING NO.<br>TT-Y0002<br>SCALE<br>1"=20'-0"<br>SHEET NO. |
|--|--|--|--|--|



**AT GRADE TRACK BED DETAIL**



**AT GRADE TYPICAL SECTION**



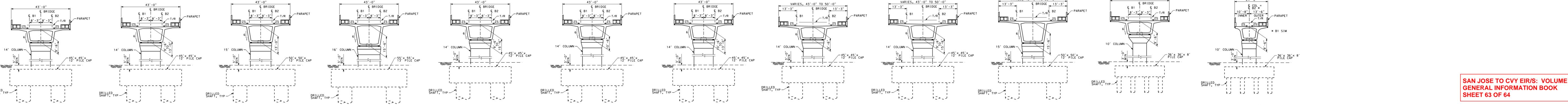
**VIADUCT TYPICAL SECTION**

**SAN JOSE TO CVY EIR/S: VOLUME III  
GENERAL INFORMATION BOOK  
SHEET 62 OF 64**

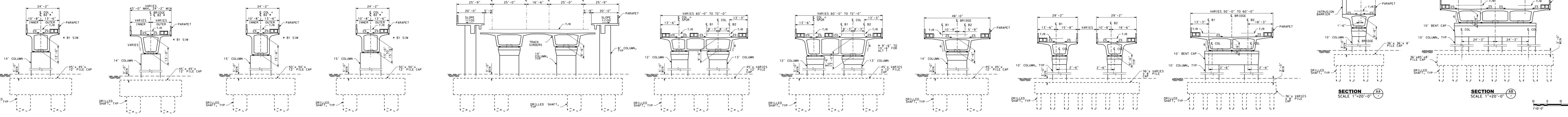


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|---|---|--|---|---|
| RECORD PERM SUBMITTAL<br><b>MAY 3, 2019</b><br>NOT FOR CONSTRUCTION | <b>HNTB</b><br><small>1111 Broadway<br/>9th Floor<br/>Oakland, CA 94607</small> |  | <b>CALIFORNIA HIGH-SPEED TRAIN PROJECT<br/>SAN JOSE TO MERCED</b><br>GENERAL TYPICAL SECTIONS<br>SHEET 3 OF 3 | CONTRACT NO. HSR15-34<br>DRAWING NO. TT-Y0003<br>SCALE 1"=20'-0"<br>SHEET NO. |
|---|---|--|---|---|

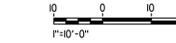
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**SECTION A** SCALE 1"=20'-0"  
**SECTION B** SCALE 1"=20'-0"  
**SECTION C** SCALE 1"=20'-0"  
**SECTION D** SCALE 1"=20'-0"  
**SECTION E** SCALE 1"=20'-0"  
**SECTION F** SCALE 1"=20'-0"  
**SECTION G** SCALE 1"=20'-0"  
**SECTION H** SCALE 1"=20'-0"  
**SECTION J** SCALE 1"=20'-0"  
**SECTION K** SCALE 1"=20'-0"  
**SECTION L** SCALE 1"=20'-0"  
**SECTION M** SCALE 1"=20'-0"

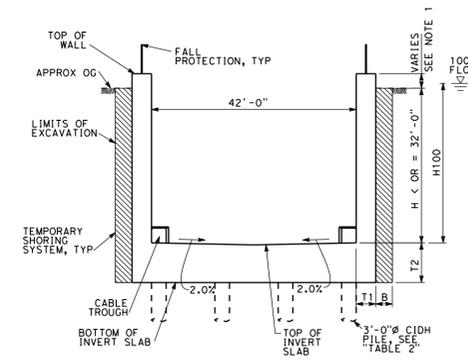


**SECTION N** SCALE 1"=20'-0"  
**SECTION P** SCALE 1"=20'-0"  
**SECTION R** SCALE 1"=20'-0"  
**SECTION S** SCALE 1"=20'-0"  
**SECTION T** SCALE 1"=20'-0"  
**SECTION V** SCALE 1"=20'-0"  
**SECTION W** SCALE 1"=20'-0"  
**SECTION X** SCALE 1"=20'-0"  
**SECTION Y** SCALE 1"=20'-0"  
**SECTION Z** SCALE 1"=20'-0"  
**SECTION AA** SCALE 1"=20'-0"  
**SECTION AB** SCALE 1"=20'-0"

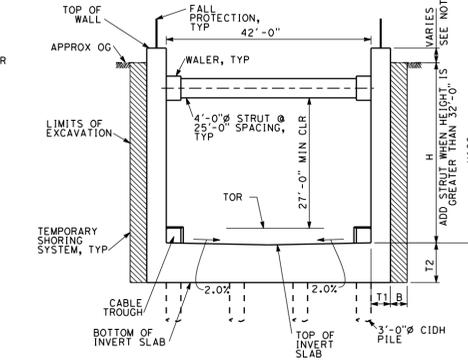


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| <p>RECORD PERM SUBMITTAL<br/>                 MAY 3, 2019<br/>                 NOT FOR CONSTRUCTION</p> | <p><b>HNTB</b><br/>                 1111 Broadway<br/>                 9th Floor<br/>                 Oakland, CA 94607</p> | <p><b>CALIFORNIA</b><br/>                 High-Speed Rail Authority</p> | <p><b>CALIFORNIA HIGH-SPEED TRAIN PROJECT<br/>                 SAN JOSE TO MERCED</b></p> <p>GENERAL<br/>                 STRUCTURAL - TYPICAL SECTIONS<br/>                 SHEET 1 OF 2</p> | <p>CONTRACT NO.<br/>                 HSR15-34</p> <p>DRAWING NO.<br/>                 ST-Y0001</p> <p>SCALE<br/>                 AS SHOWN</p> <p>SHEET NO.</p> |
|---|---|---|---|--|

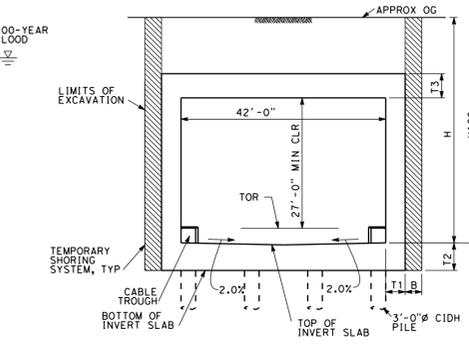
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**SECTION A**  
SCALE 1"=20'-0"



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



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

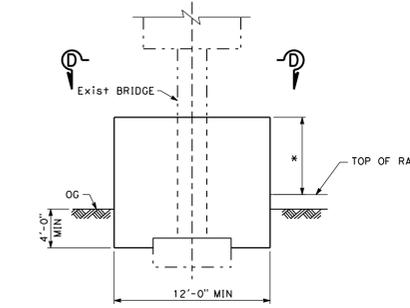
TABLE 1  
ALT 1 AND ALT 2 SOUTH GILROY/US101 TRENCH

| DIMENSION SCHEDULE |        |       |               |       |       |                   |  |
|--------------------|--------|-------|---------------|-------|-------|-------------------|--|
| H                  | H100   | B     | NO. OF STRUTS | T1    | T2    | T3, AS APPLICABLE | 3'-0" CIDH PILES<br>NO. OF ROWS<br>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"   |

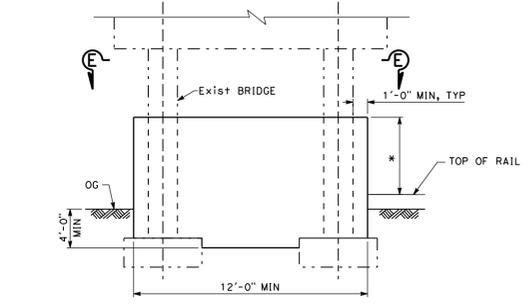
TABLE 2  
ALT 2 SOUTH SAN JOSE/CAPITOL EXPRESSWAY TRENCH

| DIMENSION SCHEDULE |      |       |               |       |       |                   |  |
|--------------------|------|-------|---------------|-------|-------|-------------------|--|
| H                  | H100 | B     | NO. OF STRUTS | T1    | T2    | T3, AS APPLICABLE | 3'-0" CIDH PILES<br>NO. OF ROWS<br>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  |

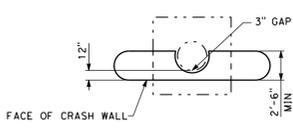
NOTE:  
1. TOP OF WALL SHALL BE A MINIMUM OF 1'-0" ABOVE FINISHED GRADE AND A MINIMUM OF 2'-0" ABOVE THE 100-YEAR FLOOD ELEVATION.



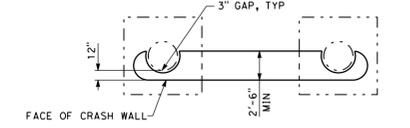
**SECTION D**



**SECTION E**



**SECTION D**

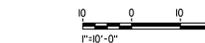


**SECTION E**

\* 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 64 OF 64**



|   |  |  |   |   |
|---|--|--|---|---|
| RECORD PERM SUBMITTAL<br><b>MAY 3, 2019</b><br>NOT FOR CONSTRUCTION | <b>HNTB</b><br>1111 Broadway<br>9th Floor<br>Oakland, CA 94607 | <b>CALIFORNIA</b><br>High-Speed Rail Authority | <b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b><br><b>SAN JOSE TO MERCED</b><br>GENERAL<br>STRUCTURAL - TYPICAL SECTIONS<br>SHEET 2 OF 2 | CONTRACT NO.<br>HSR15-34<br>DRAWING NO.<br>ST-Y0002<br>SCALE<br>AS SHOWN<br>SHEET NO. |
|---|--|--|---|---|