APPENDIX 3.11-B

# Existing and Proposed Railroad Crossings

**Table 3.11-B1**
Proposed HST Crossings of Existing Railroad Tracks

| ID# | HST Align | Approx. HST Station | RR | Approx. RR MP | RR Ownership | Prop. HST Grade | Prop. HST Xing RR | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 1 | BNSF-21 | ML 811+00 | UPRR | 175.2 | UPRR | Above | Over RR | Unincorp. | Madera |
| 2 | BNSF-21 | MC 5905+00 | UPRR | 153.9 | UPRR | Above | Over RR | Merced | Merced |
| 3 | BNSF-24 | ML 1425+00 | UPRR | 170.9 | UPRR | Above | Over RR | Unincorp. | Madera |
| 4 | BNSF-24 | MC 5905+00 | UPRR | 153.9 | UPRR | Above | Over RR | Merced | Merced |
| 5 | UPRR-21 | ML 715+00 | UPRR | 177.2 | UPRR | Above | Over RR | Unincorp. | Madera |
| 6 | UPRR-21 | ML 816+00 | UPRR Spur | 178.7 | UPRR | Above | Over RR | Unincorp. | Madera |
| 7 | UPRR-21 | ML 1085+00 | UPRR Spur | 184.1 | UPRR | Above | Over RR | Madera | Madera |
| 8 | UPRR-21 | MC 5250+00 | UPRR | 166.4 | UPRR | Above | Over RR | Unincorp. | Madera |
| 9 | UPRR-21 | WC 764+00 NB | UPRR | 112.0 | UPRR | Above | Over RR | Unincorp. | Madera |
| 10 | UPRR-21 | WC 338+00 SB | UPRR | 111.9 | UPRR | Above | Over RR | Unincorp. | Madera |
| 11 | UPRR-24 | ML 1557+00 | UPRR | 176.0 | UPRR | Above | Over RR | Unincorp. | Madera |
| 12 | UPRR-24 | ML 816+00 | UPRR Spur | 178.7 | UPRR | Above | Over RR | Unincorp. | Madera |
| 13 | UPRR-24 | ML 1085+00 | UPRR Spur | 184.1 | UPRR | Above | Over RR | Madera | Madera |
| 14 | UPRR-24 | MC 5250+00 | UPRR | 166.4 | UPRR | Above | Over RR | Unincorp. | Madera |
| 15 | Hybrid Ave. 21 | ML 610+00 | UPRR | 175.2 | UPRR | Above | Over RR | Unincorp. | Madera |
| 16 | Hybrid Ave. 21 | MC 5250+00 | UPRR | 166.4 | UPRR | Above | Over RR | Unincorp. | Madera |
| 17 | Hybrid Ave. 21 | WC 764+00 NB | UPRR | 112.0 | UPRR | Above | Over RR | Unincorp. | Madera |
| 18 | Hybrid Ave. 21 | WC 338+00 SB | UPRR | 111.9 | UPRR | Above | Over RR | Unincorp. | Madera |
| 19 | Hybrid Ave. 24 | ML 1425+00 | UPRR | 170.9 | UPRR | Above | Over RR | Unincorp. | Madera |
| 20 | UPRR-24 WCDO | ML 1557+00 | UPRR | 176.0 | UPRR | Above | Over RR | Unincorp. | Madera |
| 21 | UPRR-24 WCDO | ML 816+00 | UPRR Spur | 178.7 | UPRR | Above | Over RR | Unincorp. | Madera |
| 22 | UPRR-24 WCDO | ML 1085+00 | UPRR Spur | 184.1 | UPRR | Above | Over RR | Madera | Madera |
| 23 | ALL | FR 1714+00 | UPRR | 194.9 | UPRR | Above | Over RR | Fresno | Fresno |

**Table 3.11-B2**
Proposed Public Road Crossings of HST Tracks

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 1 | UPRR 21ML | 1593+50 | Avenue 7 | None | None | Trench | Above | Unincorp. | Madera |
| 2 | UPRR 21ML | 1591+00 | Road 33 | Minor | Minor | Trench | Above | Unincorp. | Madera |
| 3 | UPRR 21ML | 1582+00 | Road 33 | Minor | Minor | Trench | Above | Unincorp. | Madera |
| 4 | UPRR 21ML | 1525+50 | Avenue 8 | Minor | Minor | At | Above | Unincorp. | Madera |
| 5 | UPRR 21ML | 1457+00 | Avenue 9 | Minor | Minor | At | Above | Unincorp. | Madera |
| 6 | UPRR 21ML | 1318+50 | Avenue 11 | Minor | Minor | At | Above | Unincorp. | Madera |
| 7 | UPRR 21ML | 1250+50 | Avenue 12/Road 29 | None | None | Above | Above | Unincorp. | Madera |
| 8 | UPRR 21ML | 1182+50 | Avenue 13 | None | None | Above | Above | Madera | Madera |
| 9 | UPRR 21ML | 1113+00 | E. Olive Ave/ E 14th St | None | None | Above | Below | Madera | Madera |
| 10 | UPRR 21ML | 1088+50 | E. 9th St | None | None | Above | Below | Madera | Madera |
| 11 | UPRR 21ML | 1074+00 | 6th St | None | None | Above | Below | Madera | Madera |
| 12 | UPRR 21ML | 1070+00 | E. Yosemite Ave/ SR 145 | None | None | Above | Below | Madera | Madera |
| 13 | UPRR 21ML | 1061+00 | 4th St | None | None | Above | Below | Madera | Madera |
| 14 | UPRR 21ML | 1057+00 | 3rd St | None | None | Above | Below | Madera | Madera |
| 15 | UPRR 21ML | 1043+50 | Central Ave | None | None | Above | Below | Madera | Madera |
| 16 | UPRR 21ML | 1014+00 | W Wilson St | None | None | Above | Below | Madera | Madera |
| 17 | UPRR 21ML | 1009+00 | Avenue 15 1/2 | None | None | Above | Below | Madera | Madera |
| 18 | UPRR 21ML | 1004+00 | W Cleveland Ave/ Country Club Dr | Minor | Minor | Above | Below | Madera | Madera |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 19 | UPRR 21ML | 1002+00 | Sharon Blvd | Minor | Major | Above | Below | Madera | Madera |
| 20 | UPRR 21ML | 981+00 | Clark St | None | None | Above | Below | Madera | Madera |
| 21 | UPRR 21ML | 978+00 | Cardwell St | None | None | Above | Below | Madera | Madera |
| 22 | UPRR 21ML | 964+00 | Krohn St | None | None | Above | Below | Madera | Madera |
| 23 | UPRR 21ML | 946+00 | Ellist St/ Ave 16 | None | None | Above | Below | Madera | Madera |
| 24 | UPRR 21ML | 897+00 | Avenue 17 | None | None | Above | Below | Unincorp. | Madera |
| 25 | UPRR 21ML | 874+00 | Sharon Blvd | None | None | Above | Below | Unincorp. | Madera |
| 26 | UPRR 21ML | 860+00 | Gardena Dr | None | None | Above | Below | Unincorp. | Madera |
| 27 | UPRR 21ML | 853+00 | Road 24 | None | None | Above | Below | Unincorp. | Madera |
| 28 | UPRR 21MC/ (UPRR 21ML) | 4609+00/ (786+80) | Avenue 18 1/2 | None | None | Above | Above | Unincorp. | Madera |
| 29 | UPRR 21ML | 715+00 to 690+00 | SR 99 | None | None | Above | Below | Unincorp. | Madera |
| 30 | UPRR 21MC | 4696+35 | Berenda Blvd | None | None | At | Close | Unincorp. | Madera |
| 31 | UPRR 21MC | 4702+00 | Berenda Blvd | None | None | At | Close | Unincorp. | Madera |
| 32 | UPRR 21ML | 682+00 | Golden State Blvd | None | None | Above | Below | Unincorp. | Madera |
| 33 | UPRR 21MC | 4720+00 | Fairmead Blvd | Minor | Minor | At | Below | Unincorp. | Madera |
| 34 | UPRR 21ML | 660+00 | Golden State Blvd | Major | Major | Above | Below | Unincorp. | Madera |
| 35 | UPRR 21ML | 655+50 | Avenue 20 | Major | Major | Above | Below | Unincorp. | Madera |
| 36 | UPRR-21MC | 4738+50 | Avenue 20 & 20 1/2 | Major | Major | At | Above | Unincorp. | Madera |
| 37 | UPRR 21ML | 636+50 | Road 21 | Minor | Minor | Above | Below | Unincorp. | Madera |
| 38 | UPRR 21ML | 621+00 | Unpaved Rd | Minor | Major | At | Close | Unincorp. | Madera |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 39 | UPRR 21ML | 607+00 | Road 20 1/2 | Minor | Major | At | Close | Unincorp. | Madera |
| 40 | UPRR 21ML | 579+00 | Road 20 | Minor | Minor | At | Above | Unincorp. | Madera |
| 41 | UPRR 21ML | 551+00 | Road 19 1/2 | Minor | Major | At | Close | Unincorp. | Madera |
| 42 | UPRR 21ML | 524+00 | Road 19 | Minor | Minor | At | Above | Unincorp. | Madera |
| 43 | UPRR 21ML | 497+50 | Road 18 1/2 | Minor | Major | At | Close | Unincorp. | Madera |
| 44 | UPRR 21ML | 470+50 | Road 18 | Minor | Major | At | Close | Unincorp. | Madera |
| 45 | UPRR 21ML/ (UPRR 21WC)<br><br>BNSF 21ML/ (UPRR 21WC) | 444+00/ (626+00,198+00)<br><br>442+00/ (626+00, 198+00) | Road 17 1/2 | Minor | Major | At | Above | Unincorp. | Madera |
| 46 | UPRR 21ML/ (UPRR 21WC) | 418+00/ (599+00,171+00) | Road 17 | Minor | Major | At/(Above,At) | Close | Unincorp. | Madera |
| 47 | UPRR 21ML/ (UPRR 21WC) | 391+00/ (572+00,145+00) | Road 16 1/2 | Minor | Major | At/(Above,At) | Close | Unincorp. | Madera |
| 48 | UPRR 21ML/ (UPRR 21WC)<br><br>BNSF 21ML/ (UPRR 21WC) | 365+00/ (546+00,118+00)<br><br>362+00/ (546+00, 118+00) | Road 16 | Minor | Major | At | Above | Unincorp. | Madera |
| 49 | UPRR 21ML/ (UPRR 21WC) | 338+50/ (519+00) | Road 15 1/2 | Minor | Major | At | Close | Unincorp. | Madera |
| 50 | UPRR 21ML | 313+50 | Road 15 | Minor | Major | At | Close | Unincorp. | Madera |
| 51 | UPRR 21WC | 657+00,229+00 | Road 18 | Minor | Major | At | Close | Unincorp. | Madera |
| 52 | UPRR 21WC | 662+00,233+50 | Avnue 21 1/2 | Minor | Minor | At | Above | Unincorp. | Madera |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 53 | UPRR 21WC | 694+50,266+00 | Avenue 22 | Minor | Minor | At | Above | Unincorp. | Madera |
| 54 | UPRR 21WC | 707+50, 281+00 | Road 18 1/2 | Minor | Major | At | Below | Unincorp. | Madera |
| 55 | UPRR 21WC | 722+00,293+50 | Avenue 22 1/2 | Minor | Major | At | Close | Unincorp. | Madera |
| 56 | UPRR 21WC | 749+00,320+50 | East SR 152 | None | None | Above | Below | Unincorp. | Madera |
| 57 | UPRR 21WC | 751+00,322+00 | West SR 152 | None | None | Above | Below | Unincorp. | Madera |
| 58 | UPRR 21WC | 753+00,325+50 | SR 99 SB | None | None | Above | Below | Unincorp. | Madera |
| 59 | UPRR 21WC | 756+00,330+00 | SR 99 NB | None | None | Above | Below | Unincorp. | Madera |
| 60 | UPRR 21WC | 767+00 | Fairmead Blvd | Major | Major | Above | Below | Unincorp. | Madera |
| 61 | UPRR 21WC | 772+00 | SR 99 NB | None | None | Above | Below | Unincorp. | Madera |
| 62 | UPRR 21WC | 344+50 | SR 99 SB | None | None | Above | Below | Unincorp. | Madera |
| 63 | UPRR 21WC | 778+50 | SR 99 SB | None | None | Above | Below | Unincorp. | Madera |
| 64 | UPRR 21MC | 4795+00 | Avenue 21 | None | None | At | Below | Unincorp. | Madera |
| 65 | UPRR 21MC (21 Hybrid MC) | 4831+00 (302+00, 601+00) | Avenue 21 1/2 | None | None | Above | Below | Unincorp. | Madera |
| 66 | UPRR 21MC (21 Hybrid MC) | 4854+00 (325+00, 625+00) | Avenue 21 1/2 / Road 20 Interchange | None | None | Above | Above | Unincorp. | Madera |
| 67 | UPRR 21MC | 4941+00 | Avenue 23 | None | None | Above | Below | Unincorp. | Madera |
| 68 | UPRR 21MC | 4945+00 | Road 18 3/4 | Minor | None | Above | Below | Unincorp. | Madera |
| 69 | UPRR 21MC | 4952+00 | Arc Dr | None | None | Above | Below | Unincorp. | Madera |
| 70 | UPRR 21MC | 4975+00 | SR 99 | None | None | Above | Below | Unincorp. | Madera |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 71 | UPRR 21MC | 4979+00 | SR 99 | None | None | Above | Below | Unincorp. | Madera |
| 72 | UPRR 21MC/ (UPRR 21WC) | 4988+50/ (789+00,361+00) | Gordon St | None | None | Above | Below | Unincorp. | Madera |
| 73 | UPRR 21MC/ (UPRR 21WC) | 5009+00/ (809+50,381+00) | Avenue 24 | None | None | Above | Below | Unincorp. | Madera |
| 74 | UPRR 21MC/ (UPRR 21WC) | 5043+00/ (8043+00,414+00) | Avenue 24 1/2 | None | None | Above | Below | Unincorp. | Madera |
| 75 | UPRR 21MC | 5050+00 | Unpaved Cul de Sac | None | None | Above | Below | Unincorp. | Madera |
| 76 | UPRR 21MC | 5147+00 | SB On-Ramp to SR 99 | None | None | Above | Below | Chowchilla | Madera |
| 77 | UPRR 21MC | 5150+00 | Robertson Blvd/SR 233 | None | None | Above | Below | Chowchilla | Madera |
| 78 | UPRR 21MC | 5155+00 | SB Off-Ramp from SR 99 | None | None | Above | Below | Chowchilla | Madera |
| 79 | UPRR 21MC | 5229+50 | Road 15 | None | None | Above | Below | Unincorp. | Madera |
| 80 | UPRR 21MC | 5241+00 | SB SR 99 On-Ramp | None | None | Above | Below | Unincorp. | Madera |
| 81 | UPRR 21MC | 5245+00 | SB SR 99 Off-Ramp | None | None | Above | Below | Unincorp. | Madera |
| 82 | UPRR 21MC | 5376+00 | Vista Rd/ Co Road 13 | None | Major | Above | Below | Unincorp. | Merced |
| 83 | UPRR 21MC | 5475+00 | Sandy Mush Rd Interchange | Minor | Major | At | Above | Unincorp. | Merced |
| 84 | UPRR 21MC | 5548+00 | Athlone Rd | Minor | Major | At | Close | Unincorp. | Merced |
| 85 | UPRR 21MC | 5657+00 | Le Grand Rd | Major | Major | At | Above | Unincorp. | Merced |
| 86 | UPRR 21MC | 5665+00 | Connector Rd | Minor | Major | At | Close | Unincorp. | Merced |
| 87 | UPRR 21MC | 5680+00 | Le Grand Rd | Minor | Major | At | Close | Unincorp. | Merced |
| 88 | UPRR 21MC | 5759+00 | Lingard Rd | Minor | Major | At | Close | Unincorp. | Merced |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 89 | UPRR 21MC | 5774+00 | Unpaved Rd | None | None | At | Close | Unincorp. | Merced |
| 90 | UPRR 21MC | 5835+00 | McHenry Rd | None | None | At | Close | Unincorp. | Merced |
| 91 | UPRR 21MC | 5890+00 | Healy Rd | Minor | Major | At | Close | Merced | Merced |
| 92 | UPRR 21MC | 5917+00 | E Mission Ave | None | None | Trench | Above | Merced | Merced |
| 93 | UPRR 21MC | 5950+50 | E Gerard Ave | Minor | Major | At | Close | Merced | Merced |
| 94 | UPRR 21MC | 5962+00 | Henry St | Minor | Major | At | Close | Merced | Merced |
| 95 | UPRR 21MC | 5990+00 | E Childs St | None | None | Trench | Above | Merced | Merced |
| 96 | UPRR 21MC | 6005+00 | Brantley St | None | Major | At | Close | Merced | Merced |
| 97 | UPRR 21MC | 6021+00 | Delong St | None | Major | At | Close | Merced | Merced |
| 98 | UPRR 21MC | 6029+00 | Crist Ave | None | Major | At | Close | Merced | Merced |
| 99 | UPRR 21MC | 6035+00 | D St | None | Major | At | Close | Merced | Merced |
| 100 | UPRR 21MC | 6041+00 | SR 99 | None | None | Trench | Above | Merced | Merced |
| 101 | UPRR 21MC | 6052+00 | G St | None | Minor | At | Above | Merced | Merced |
| 102 | UPRR 24ML | 1675+00 | Fairmead Blvd | None | None | Above | Below | Madera | Madera |
| 103 | UPRR 24ML | 1656+50 | Avenue 20 1/2 | None | None | Above | Below | Madera | Madera |
| 104 | UPRR 24MC/ (UPRR 24ML) | 4794+00/ (1601+00) | Avenue 21 | None | None | Above | Below | Madera | Madera |
| 105 | UPRR 24MC/ (UPRR 24ML) | 4831+00/ (1563+00) | Avenue 21 1/2 | None | None | Above | Below | Madera | Madera |
| 106 | UPRR 24ML | 1541+00 | Avenue 21 1/2 & Rd 20 Interchange | None | None | Above | Below | Madera | Madera |
| 107 | UPRR 24ML | 1530+00 | SR 99 NB | None | None | Above | Below | Madera | Madera |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 108 | UPRR 24ML | 1520+00 | SR 99 SB | None | None | Above | Below | Madera | Madera |
| 109 | UPRR 24ML | 1513+00 | Road 19/Road 19 1/2 | None | None | Above | Below | Madera | Madera |
| 110 | UPRR 24ML | 1481+00 | Road 19 | None | None | Above | Below | Madera | Madera |
| 111 | UPRR 24ML | 1475+00 | Avenue 22 1/2 | None | None | Above | Below | Madera | Madera |
| 112 | UPRR 24ML | 1450+00 | Road 18 1/2 | None | None | Above | Below | Madera | Madera |
| 113 | UPRR 24ML | 1421+00 | Avenue 23/Road 18 | None | None | Above | Below | Madera | Madera |
| 114 | UPRR 24ML | 1420+00 | SR 152 | None | None | Above | Below | Madera | Madera |
| 115 | UPRR 24ML | 1392+00 | Road 17 1/2 | Minor | Major | At | Close | Unincorp. | Madera |
| 116 | UPRR 24ML | 1363+00 | Road 17 | Minor | Major | At | Close | Unincorp. | Madera |
| 117 | UPRR 24ML | 1348+50 | Avenue 23 1/2 | Minor | Minor | At | Above | Unincorp. | Madera |
| 118 | UPRR 24ML | 1308+00 | Road 16 | Minor | Minor | At | Above | Unincorp. | Madera |
| 119 | UPRR 24ML | 1295+00 | Road 15 3/4 | Minor | Major | At | Close | Unincorp. | Madera |
| 120 | UPRR 24ML | 1255+50 | Road 15 | Minor | Minor | At | Above | Unincorp. | Madera |
| 121 | UPRR 24ML | 1223+00 | SR 233 (Robertson Blvd) | Minor | Minor | At | Above | Unincorp. | Madera |
| 122 | UPRR 24ML | 1202+00 | Road 14 | Minor | Minor | At | Above | Unincorp. | Madera |
| 123 | UPRR 24ML | 1149+00 | Road 13 | Minor | Minor | At | Above | Unincorp. | Madera |
| 124 | UPRR 24ML | 1096+50 | Road 12 | Minor | Minor | At | Close | Unincorp. | Madera |
| 125 | UPRR 24ML | 1048+00 | Road 11 | Minor | Minor | At | Close | Unincorp. | Madera |
| 126 | UPRR 24ML/ (UPRR 24WC) | 991+00/ (169+00, 741+00) | Road 10 | Minor | Minor | At (Above, At) | Close | Unincorp. | Madera |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 127 | UPRR 24ML/ (UPRR 24WC) | 941+50/ (119+50) | Road 9 | Minor | Minor | At | Above | Unincorp. | Madera |
| 128 | UPRR 24WC | 875+00, 304+00 | Avenue 25 | Minor | Minor | At | Above | Unincorp. | Madera |
| 129 | UPRR 24WC | 923+00, 351+50 | Avenue 26 | Minor | Minor | At | Above | Unincorp. | Madera |
| 130 | UPRR 24WC | 1055+00, 484+00 | Cross Rd | Minor | Minor | At | Above | Unincorp. | Madera |
| 131 | UPRR 24WC/ (UPRR 24MC) | 579+00, 1149+00/ (5475+00) | Sandy Mush Rd Interchange | Minor | Major | Above, At (At) | Above | Unincorp. | Merced |
| 132 | UPRR-24MLDO | 1453+00 | SR 99 | None | None | Above | Below | Unincorp. | Madera |
| 133 | UPRR-24MLDO | 1444+00 | SR 152 | None | None | Above | Below | Unincorp. | Madera |
| 134 | UPRR-24MLDO | 1437+00 | SR 99 | None | None | Above | Below | Unincorp. | Madera |
| 135 | UPRR-24MLDO | 1408+00 | Road 18 | Minor | Major | Above | Close | Unincorp. | Madera |
| 136 | UPRR-24MLDO | 1393+00 | Avenue 23 1/2 | Minor | Major | At | Above | Unincorp. | Madera |
| 137 | UPRR-24MLDO | 1379+00 | Road 17 1/2 | Minor | Major | At | Close | Unincorp. | Madera |
| 138 | UPRR-24MLDO | 1351+00 | Road 17 | Minor | Major | At | Close | Unincorp. | Madera |
| 139 | UPRR-24MLDO | 1297+00 | Road 16 | Minor | Minor | At | Above | Unincorp. | Madera |
| 140 | UPRR-24MLDO | 1284+00 | Road 15 3/4 | Minor | Major | At | Close | Unincorp. | Madera |
| 141 | UPRR-24MLDO | 1245+00 | Road 15 | Minor | Minor | At | Above | Unincorp. | Madera |
| 142 | Hybrid 24ML/ (UPRR 24MCDO)<br><br>UPRR 24MLDO/ (UPRR 24MCDO) | 1219+50/ (5058+00, 5058+50)<br><br>1213+50/ (5058+00, 5058+50) | SR 233 (Robertson Blvd) | Minor | Minor | At | Above | Unincorp. | Fresno |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 143 | Hybrid 24ML/ (UPRR 24MCDO)<br><br>UPRR 24MLDO/ (UPRR 24MCDO) | 1198+00/ (5097+50, 5098+50)<br><br>1192+50/ (5097+50, 5098+50) | Road 14 | Minor | Major | At | Close | Unincorp. | Fresno |
| 144 | Hybrid 24ML/ (UPRR 24MCDO)<br><br>UPRR 24ML/ (UPRR 24MCDO) | 1145+00/ (5155+00, 5155+00)<br><br>1149+00/ (5155+00, 5155+00) | Road 13 | Minor | Minor | At | Above | Unincorp. | Fresno |
| 145 | Hybrid 24ML<br><br>UPRR 24ML | 1092+00<br><br>1097+00 | Road 12 | Minor | Major | At | Close | Unincorp. | Fresno |
| 146 | Hybrid 24ML/ (UPRR 24WCDO)<br><br>UPRR 24ML/ (UPRR 24WCDO) | 987+00/ (167+00, 536+00)<br><br>991+00/ (167+00, 536+00) | Road 10 | Minor | Minor | At | Above | Unincorp. | Fresno |
| 147 | Hybrid 24ML<br><br>UPRR 24ML | 936+00<br><br>940+00 | Road 9 | Minor | Minor | At | Above | Unincorp. | Fresno |
| 148 | UPRR 24WCDO/ (UPRR 24MCDO) | 302+00, 669+00/ (5206+00, 5207+00) | Avenue 25/Ave 24 1/2 | Major | Major | At | Above | Unincorp. | Fresno |
| 149 | UPRR 24WCDO/ (UPRR 24MCDO) | 350+00, 717+50/ (5255+00, 5255+00) | Avenue 26 | Major | Major | At | Above | Unincorp. | Fresno |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 150 | UPRR 24MCDO | 5389+00 | Cross Rd | Minor | Minor | At | Above | Unincorp. | Fresno |
| 151 | UPRR 24MCDO | 5415+00 | Road 12 | Minor | Minor | At | Close | Unincorp. | Fresno |
| 152 | UPRR 24MCDO | 5476+00 | Sandy Mush Rd Interchange | Minor | Major | At | Above | Unincorp. | Fresno |
| 153 | 21 Hybrid MC | 593+00, 293+00 | Fairmead Blvd | Minor | Minor | Above | Below | Unincorp. | Madera |
| 154 | BNSF 21ML | 1654+00 | Road 33 | Minor | Minor | Above | Above | Unincorp. | Madera |
| 155 | BNSF 21ML | 1677+00 | Avenue 7 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 156 | BNSF 21ML | 1611+00 | Avenue 8 | None | None | At-Grade | Above | Unincorp. | Madera |
| 157 | BNSF 21ML | 1551+00 | Avenue 9 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 158 | BNSF 21ML | 1494+00 | Avenue 10 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 159 | BNSF 21ML | 1440+00 | Avenue 11 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 160 | BNSF 21ML | 1386+00 | Avenue 12 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 161 | BNSF 21ML | 1330+00 | Avenue 13 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 162 | BNSF 21ML | 1201+00 | Avenue 15 | Minor | Minor | At-Grade | Above | Madera | Madera |
| 163 | BNSF 21ML | 1168+00 | Avenue 15 1/2 | Minor | Minor | At-Grade | Above | Madera | Madera |
| 164 | BNSF 21ML | 1131+00 | W Yosemite Ave/Ca 145 | Minor | Minor | At-Grade | Below | Madera | Madera |
| 165 | BNSF 21ML | 1120+00 | Raymond Road | Minor | Minor | At-Grade | Above | Madera | Madera |
| 166 | BNSF 21ML | 1061+00 | Avenue 17 | Minor | Minor | At-Grade | Above | Madera | Madera |
| 167 | BNSF 21ML | 1010+00 | Road 27/Lake Street | None | None | Above | Below | Madera | Madera |
| 168 | BNSF 21MC | 4394+00 | Road 26 / Frontage Road | Minor | Minor | At-Grade/Elevated | Below | Madera | Madera |
| 169 | BNSF 21MC | 4524+00 | Avenue 21 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 170 | BNSF 21MC | 4601+00 | Road 24 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 171 | BNSF 21MC | 4719+00 | Avenue 24 | Minor | Minor | At-Grade | Below | Unincorp. | Madera |
| 172 | BNSF 21MC | 4841+00 | Avenue 26 / Robertson Blvd | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 173 | BNSF 21ML | 830+00 | Ave 20 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 174 | BNSF 21ML | 784+00 | Ave 20 1/2 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 175 | BNSF 21ML | 794+00 | Road 24 | Major | Major | At-Grade | Close | Unincorp. | Madera |
| 176 | BNSF 21ML | 680+00 | Road 22 | Minor | Minor | At-Grade | Below | Unincorp. | Madera |
| 177 | BNSF 21ML (21 Hybrid ML) | 611+00 (611+00) | Fairmead Blvd | None | None | Above | Below | Unincorp. | Madera |
| 178 | BNSF 21ML | 608+00 | SR 99 | None | None | Above | Below | Unincorp. | Madera |
| 179 | BNSF 21ML (21 Hybrid ML) | 607+00 (607+00) | Golden State Blvd | None | None | Above | Below | Unincorp. | Madera |
| 180 | BNSF 21ML (21 Hybrid ML) | 574+00 (574+00) | Road 20 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 181 | BNSF 21ML (21 Hybrid ML) | 547+00 (547+00) | Road 19 1/2 | None | None | At-Grade | Close | Unincorp. | Madera |
| 182 | BNSF 21ML | 521+00 | Road 19 | None | None | At-Grade | Close | Unincorp. | Madera |
| 183 | BNSF 21ML | 494+00 | Road 18 1/2 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 184 | BNSF 21ML | 467+00 | Road 18 | None | None | At-Grade | Close | Unincorp. | Madera |
| 185 | BNSF 21ML | 360+00 | Road 16 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 186 | BNSF 21WC | 297+00 | Ave 22 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 187 | BNSF 21MC | 4839+00 | S Santa Fe Ave | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 188 | BNSF 21MC | 5158+00 | Buchanon Hollow Rd | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 189 | BNSF 21MC | 5296+00 | S Fresno Rd | None | None | Above | Below | Le Grand | Merced |
| 190 | BNSF 21MC | 5304+00 | E Le Grand Rd | None | None | Above | Below | Le Grand | Merced |
| 191 | BNSF 21MC | 5318+00 | Jefferson St | None | None | Above | Below | Le Grand | Merced |
| 192 | BNSF 21MC | 5332+00 | E Jackson St | None | None | Above | Below | Le Grand | Merced |
| 193 | BNSF 21MC | 5334+00 | Cunningham Rd | None | None | Above | Below | Le Grand | Merced |
| 194 | BNSF 21MC | 5345+00 | Savana Rd | None | None | Above | Below | Le Grand | Merced |
| 195 | BNSF 21MC | 5457+00 | E Mariposa Way | Major | Major | At-Grade | Close | Unincorp. | Merced |
| 196 | BNSF 21MC | 5453+00 | Burchell Ave | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 197 | BNSF 21MC | 5562+00 | Plainsburg Rd | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 198 | BNSF 21MC | 5614+00 | Whealan | None | Major | At-Grade | Close | Unincorp. | Merced |
| 199 | BNSF 21MC | 5641+00 | Ranch Rd | None | Minor | At-Grade | Close | Unincorp. | Merced |
| 200 | BNSF 21MC | 5720+00 | S Arboleda Dr | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 201 | BNSF 21MC | 5773+00 | S. Orchard Dr. | None | Major | At-Grade | Close | Unincorp. | Merced |
| 202 | BNSF 21MC | 5803+00 | McHenry Rd | None | Major | At-Grade | Close | Unincorp. | Merced |
| 203 | BNSF 21MC | 5863+00 | Vassar Ave | None | None | Above | Below | Unincorp. | Merced |
| 204 | BNSF 21MC | 5877+00 | Yale Ave | None | None | Above | Below | Unincorp. | Merced |
| 205 | BNSF 21MC | 5877+00 | S. Coffee St | None | None | Above | Below | Unincorp. | Merced |
| 206 | BNSF 21MC | 5885+00 | SR 99 | None | None | Above | Below | Unincorp. | Merced |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 207 | BNSF 21MC | 5893+00 | Healy Rd | Minor | None | Above | Below | Unincorp. | Merced |
| 208 | BNSF 21MC | 5913+00 | E. Mission Ave | None | None | Trench | Above | Unincorp. | Merced |
| 209 | BNSF 21MC | 5950+00 | E. Gerard | None | Major | Above | Close | Unincorp. | Merced |
| 210 | BNSF 21MC | 5990+00 | E. Childs Ave | None | None | Trench | Above | Unincorp. | Merced |
| 211 | BNSF 21MC | 6005+00 | Brantley St | None | Major | At | Close | Merced | Merced |
| 212 | BNSF 21MC | 6021+00 | Delong St | None | Major | At | Close | Merced | Merced |
| 213 | BNSF 21MC | 6029+00 | Crist Ave | None | Major | At | Close | Merced | Merced |
| 214 | BNSF 21MC | 6035+00 | D St | None | Major | At | Close | Merced | Merced |
| 215 | BNSF 21MC | 6052+00 | G Street | None | None | At-Grade | Above | Merced | Merced |
| 216 | BNSF 21MC-01 | 556+00 | Santa Fe Ave | None | None | Above | Below | Unincorp. | Merced |
| 217 | BNSF 21MC-01 | 640+00 | S. White Rock Rd | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 218 | BNSF 21MC-01 | 645+00 | Wade Ave | None | Minor | At-Grade | Close | Unincorp. | Merced |
| 219 | BNSF 21MC-01 | 720+00 | S. Clausen Rd | None | Major | At-Grade | Close | Unincorp. | Merced |
| 220 | BNSF 21MC-01 | 755+00 | S Ispen Ave | None | Major | At-Grade | Close | Unincorp. | Merced |
| 221 | BNSF 21MC-01 | 785+00 | Le Grand Rd | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 222 | BNSF 21MC-01 | 830+00 | Fresno Rd | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 223 | BNSF 21MC-01 | 861+00 | Cunningham Rd | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 224 | BNSF 21MC-01 | 923+00 | Santa Fe Ave | None | None | Above | Below | Le Grand | Merced |
| 225 | BNSF 21MC-01 | 975+00 | Burchell Ave | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 226 | BNSF 21MC-02 | 3150+00 | Le Grand Rd | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 227 | BNSF 21MC-02 | 3195+00 | Fresno Rd | Minor | Minor | At-Grade | Above | Unincorp. | Merced |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 228 | BNSF 21MC-02 | 3231+00 | Cunningham Rd | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 229 | BNSF 21MC-02 | 3360+00 | S. Burchell | None | None | Above | Below | Le Grand | Merced |
| 230 | BNSF 21MC-02 | 3372+00 | Santa Fe Ave | None | None | Above | Below | Le Grand | Merced |
| 231 | BNSF 21MC-02 | 3468+00 | Plainsburg Rd | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 232 | BNSF 21MC-03 | 1115+00 | Santa Fe Ave | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 233 | BNSF 21MC-03 | 1165+00 | S. Burchell | None | None | Above | Below | Unincorp. | Merced |
| 234 | BNSF 21MC-03 | 1278+00 | Plainsburg Rd | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 235 | BNSF 21MC-03 | 1436+00 | Arboleda Dr | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 236 | BNSF 21MC-03 | 1489+00 | S. Orchard Dr | Minor | Minor | At-Grade | Above | Unincorp. | Merced |
| 237 | BNSF 21MC-03 | 1540+00 | Miles Rd | None | Major | At-Grade | Close | Unincorp. | Merced |
| 238 | BNSF 21MC-03 | 1595+00 | S. Coffee St | None | None | Above | Below | Unincorp. | Merced |
| 239 | BNSF 21MC-03 | 1605+00 | SR 99 | None | None | Above | Below | Unincorp. | Merced |
| 240 | BNSF 21MC-03 | 1611+00 | E. Mission Ave | None | None | Above | Below | Unincorp. | Merced |
| 241 | BNSF 21MC-03 | 1650+00 | E. Gerard | None | None | Above | Below | Unincorp. | Merced |
| 242 | BNSF 24ML | 1840+00 | Ave 20 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 243 | BNSF 24ML | 1795+00 | Ave 20 1/2 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 244 | BNSF 24ML | 1781+00 | Road 24 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 245 | BNSF 24ML | 1637+00 | Road 22 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 246 | BNSF 24ML | 1530+00 | ave 23 1/2 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 247 | BNSF 24ML | 1462+00 | Road 19 1/2 | None | Major | At-Grade | Close | Unincorp. | Madera |
| 248 | BNSF 24ML | 1462+00 | Road 19 | None | Major | At-Grade | Close | Unincorp. | Madera |

| Tab | HST Align | Approx. HST Station | Road Xing HST | Road Realign | Road Network/ Flow Changes | Prop. HST Grade | Proposed HST Xing Road | City | County |
|---|---|---|---|---|---|---|---|---|---|
| 249 | BNSF 24ML | 1425+00 | Fairmead Blvd | None | None | Above | Below | Unincorp. | Madera |
| 250 | BNSF 24ML | 1425+00 | SR 99 | None | None | Above | Below | Unincorp. | Madera |
| 251 | BNSF 24ML | 1400+00 | Chowchilla Blvd | None | None | Above | Below | Unincorp. | Madera |
| 252 | BNSF 24ML | 1400+00 | Road 17 1/2 | None | None | Above | Below | Unincorp. | Madera |
| 253 | BNSF 24ML | 1356+00 | Road 17 | None | None | Above | Below | Unincorp. | Madera |
| 254 | BNSF 24ML | 1305+00 | Road 16 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 255 | BNSF 24ML | 1250+00 | Road 15 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 256 | BNSF 24ML | 1220+00 | Highway 233 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 257 | BNSF 24ML | 1200+00 | Road 14 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 258 | BNSF 24ML | 1145+00 | Road 13 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 259 | BNSF 24ML | 987+00 | Road 10 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 260 | BNSF 24ML | 937+00 | Road 9 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 261 | BNSF 24WC | 285+00 | Ave 24 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 262 | BNSF 24WC | 335+00 | Road 21 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 263 | BNSF 24WC | 424+00 | Ave 26 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 264 | 21 HYBRID ML | 840+00 | Ave 20 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 265 | 21 HYBRID ML | 793+00 | Ave 20 1/2 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |
| 266 | 21 HYBRID ML | 679+00 | Road 22 | Minor | Minor | At-Grade | Above | Unincorp. | Madera |

**Table 3.11-B3**
Public Railroad Crossings Within HST Project

**List existing railroad crossings where < 1000 feet from HSR alignment**

Otherwise, omit DOT#, railroad, railroad milepost, RRX change, and RRX grade

NA = Not applicable.

| Exist. RRX Grade | HST align. |
|---|---|
| G = Grade Crossing | HST At |
| A = Road Above Trk | HST Below |
| B = Road Below Trk | HST Above |

| ID # | RR Xing DOT# | RR | Approx RR MP | Road Xing RR | City | County | Existing RR Xing Type | HST Alternative | If Exist At-Grade | Prop. RR Xing Type | Prop. HST Grade | Prop. HST Xing Road | Proposed Change w/ HST | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 765925A | UP | 149.8 | V Street St 59 | Merced | Merced | At-Grade | Castle HMF only | Remain | At-Grade | Above | Road Below | No Change | Some added station traffic |
| 2 | 765926G | UP | 150.1 | R St | Merced | Merced | At-Grade | Castle HMF only | Remain | At-Grade | Above | Road Below | No Change | Some added station traffic |
| 3 | 765927N | UP | 150.2 | O St | Merced | Merced | At-Grade | Castle HMF only | Remain | At-Grade | Above | Road Below | No Change | Some added station traffic |
| 4 | 765928V | UP | 150.6 | M St | Merced | Merced | At-Grade | Castle HMF only | Remain | At-Grade | Above | Road Below | No Change | Some added station traffic |
| 5 | 765929C | UP | 150.7 | Canal Street | Merced | Merced | At-Grade | Castle HMF only | Close | Close | At | N/A | Closed | |
| 6 | 765930W | UP | 150.8 | Martin Luther King Jr | Merced | Merced | At-Grade | Castle HMF only | Close | Road Above | At | Road Below | Closed; new overcrossing | |
| 7 | 765930W | UP | 150.8 | Martin Luther King Jr | Merced | Merced | At-Grade | All | Remain | At-Grade | At | N/A | No Change | Some added station traffic and pedestrian activity |
| 8 | 765931D | UP | 151.1 | G St | Merced | Merced | At-Grade | All | Close | Road Above | At | Road Above | Closed; new G St overcrossing | |
| 9 | 765932K | UP | 151.4 | E Merced OH SR 99 | Merced | Merced | (Grade Sep) | All | N/A | Road Above | At | Road Above | No Change | |
| 10 | 765933S | UP | 151.5 | D St | Merced | Merced | At-Grade | All | Close | Close | At | N/A | Closed | Pedestrian overcrossing proposed as mitigation |
| 11 | 765934Y | UP | 152.3 | Childs Av OH | Unincorporated | Merced | (Grade Sep) | All | N/A | Road Above | At | Road Above | Existing overcrossing extended | |
| 12 | 765935F | UP | 153.1 | Gerard Av | Unincorporated | Merced | At-Grade | All | Close | Close | At | N/A | Closed | |
| 13 | 921334B | UP | 153.7 | Mission Ave Overhead | Unincorporated | Merced | (Grade Sep) | All | N/A | Road Above | At | Road Above | Existing overcrossing extended | |
| 14 | 765937U | UP | 154.2 | Healy Rd | Unincorporated | Merced | At-Grade | UPRR; Hybrid | Close | Close | At | N/A | Closed | |
| 15 | 765936M | UP | 156.5 | Lingard Rd | Unincorporated | Merced | At-Grade | UPRR; Hybrid | Close | Close | At | N/A | Closed | |
| 16 | | UP | 157.2 | Private (Worden Ave.) | Unincorporated | Merced | At-Grade | UPRR; Hybrid | Close | Close | At | N/A | Closed | |
| 17 | | UP | 158.1 | Private - Farm | Unincorporated | Merced | At-Grade | UPRR; Hybrid | Close | Close | At | N/A | Closed | |
| 18 | 765938B | UP | 158.5 | Ranch Rd | Unincorporated | Merced | At-Grade | UPRR; Hybrid | N/A | Close | At | N/A | Closed; new interchange | Connected to planned Le Grand interchange |
| 19 | 765941J | UP | 160.6 | Athlone Rd | Unincorporated | Merced | At-Grade | UPRR; Hybrid | Close | Close | At | N/A | Closed | |
| 20 | 765942R | UP | 162.2 | Sandy Mush Rd | Unincorporated | Merced | At-Grade | UPRR | Close | Close | At | N/A | Closed; new interchange | Connected to planned Plainsburg interchange |

**List existing railroad crossings where < 1000 feet from HSR alignment**

Otherwise, omit DOT#, railroad, railroad milepost, RRX change, and RRX grade

NA = Not applicable.

| Exist. RRX Grade | HST align. |
|---|---|
| G = Grade Crossing | HST At |
| A = Road Above Trk | HST Below |
| B = Road Below Trk | HST Above |

| ID # | RR Xing DOT# | RR | Approx RR MP | Road Xing RR | City | County | Existing RR Xing Type | HST Alternative | If Exist At-Grade | Prop. RR Xing Type | Prop. HST Grade | Prop. HST Xing Road | Proposed Change w/ HST | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 765943X | UP | 163.9 | Vista Ave | Unincorporated | Merced | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 22 | 765945L | UP | 166.9 | Avenue 27 | Unincorporated | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 23 | 765948G | UP | 168.0 | King St | Chowchilla | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 24 | 765956Y | UP | 168.1 | Robertson St 233 | Chowchilla | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 25 | 765957F | UP | 169.9 | Ave 24 1/2 | Unincorporated | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 26 | 765958M | UP | 170.8 | Ave 24 | Unincorporated | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 27 | 765959U | UP | 171.5 | Ave 23 1/2 | Unincorporated | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 28 | 765960N | UP | 171.7 | State Highway 99 | Unincorporated | Madera | (Grade Sep) | UPRR | N/A | Road Below | Above | Road Below | No Change | |
| 29 | 765961V | UP | 171.8 | State Highway 99 | Unincorporated | Madera | (Grade Sep) | UPRR | N/A | Road Below | Above | Road Below | No Change | |
| 30 | 765962C | UP | 172.7 | Ave 22 1/2 | Unincorporated | Madera | At-Grade | UPRR | Close | Close | Above | Road Below | Closed | Fairmead shifted |
| 31 | 924034X | UP | 173.7 | Ave 21 1/2 | Unincorporated | Madera | (Grade Sep) | UPRR | N/A | Road Below | Above | Road Below | No Change | |
| 32 | 757232H | UP | 175.9 | Avenue 20 OH | Madera | Madera | (Grade Sep) | UPRR | N/A | Road Below | Above | Road Below | No Change | |
| 33 | 765964R | UP | 176.3 | Av 20 1/2 (Fairmead Blvd) | Unincorporated | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 34 | 757216Y | UP | 178.5 | Avenue 18 1/2 OH | Unincorporated | Madera | (Grade Sep) | UPRR | N/A | Road Below | Above | Road Below | No Change | |
| 35 | 760965F | UP | 180.5 | Avenue 17 OH | Unincorporated | Madera | (Grade Sep) | UPRR | N/A | Road Below | Above | Road Below | No Change | |
| 36 | 760982W | UP | 182.6 | Cleveland Av | Madera | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | Road shifted |
| 37 | 760981P | UP | 183.3 | Central Av | Madera | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 38 | 760980H | UP | 183.5 | 3rd St | Madera | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 39 | 760983D | UP | (see note) | N Gateway Dr | Madera | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | Madera Spur |
| 40 | 760984K | UP | (see note) | Alley | Madera | Madera | (Grade Sep) | UPRR | N/A | Road Below | Above | Road Below | No Change | Madera Spur |
| 41 | 760985S | UP | (see note) | North G St | Madera | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | Madera Spur |
| 42 | 760979N | UP | 183.6 | 4th St | Madera | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |

**List existing railroad crossings where < 1000 feet from HSR alignment**

Otherwise, omit DOT#, railroad, railroad milepost, RRX change, and RRX grade

NA = Not applicable.

| Exist. RRX Grade | HST align. |
|---|---|
| G = Grade Crossing | HST At |
| A = Road Above Trk | HST Below |
| B = Road Below Trk | HST Above |

| ID # | RR Xing DOT# | RR | Approx RR MP | Road Xing RR | City | County | Existing RR Xing Type | HST Alternative | If Exist At-Grade | Prop. RR Xing Type | Prop. HST Grade | Prop. HST Xing Road | Proposed Change w/ HST | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | 760986Y | UP | (see note) | No H St | Madera | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | Madera Spur |
| 44 | 760987F | UP | (see note) | Free 99 Up | Madera | Madera | (Grade Sep) | UPRR | N/A | Road Below | Above | Road Below | No Change | Madera Spur |
| 45 | 760978G | UP | 183.8 | Yosemite Av S 145 | Madera | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 46 | 760988M | UP | (see note) | North I St | Madera | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | Madera Spur |
| 47 | 760977A | UP | 183.9 | 6th St | Madera | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 48 | 760975L | UP | 184.2 | E 9th St | Madera | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 49 | 760972R | UP | 184.5 | Olive Av | Madera | Madera | At-Grade | UPRR | Remain | At-Grade | Above | Road Below | No Change | |
| 50 | 760971J | UP | 185.9 | Avenue 13 Oh St 99 | Unincorporated | Madera | (Grade Sep) | UPRR | N/A | Road Below | Above | Road Below | No Change | |
| 51 | 760970C | UP | 187.2 | Avenue 12 OH | Unincorporated | Madera | (Grade Sep) | UPRR | N/A | Road Below | Above | Road Below | No Change | |
| 52 | 760969H | UP | 188.4 | Ave 11 Oh St 99 | Unincorporated | Madera | (Grade Sep) | UPRR | N/A | Road Above | At | Road Above | Existing overcrossing extended | |
| 53 | 760968B | UP | 191.1 | Avenue 9 Overhead | Unincorporated | Madera | (Grade Sep) | UPRR | N/A | Road Above | At | Road Above | Existing overcrossing extended | |
| 54 | 760967U | UP | 192.4 | Avenue 8 Oh St 99 | Unincorporated | Madera | (Grade Sep) | UPRR | N/A | Road Above | At | Road Above | Existing overcrossing extended | |
| 55 | 760966M | UP | 193.7 | Avenue 7 OH | Unincorporated | Madera | (Grade Sep) | All | N/A | Road Above | At | Road Above | Existing overcrossing extended | |
| 56 | 757312B | UP | 195.8 | Herndon Av | Unincorporated | Fresno | At-Grade | All | Remain | At-Grade | Above | Road Below | No Change | Golden State Blvd shifted |
| 57 | 757313H | UP | 197.2 | Carnegie Ave | Fresno | Fresno | At-Grade | All | Close | At-Grade | At | N/A | Closed | Traffic diverted to new Veterans overcrossing |
| 58 | 757316D | UP | 198.5 | Shaw Av | Fresno | Fresno | At-Grade | All | Close | At-Grade | At | Road Above | Closed; new Shaw overcrossing | |
| 59 | 753317W | UP | 199.9 | W Ashlan Av OH | Fresno | Fresno | (Grade Sep) | All | N/A | Road Above | At | Road Above | No Change | |
| 60 | 757319Y | UP | 201.9 | Clinton Av | Fresno | Fresno | (Grade Sep) | All | N/A | Road Above | At | Road Above | No Change | |
| 61 | 757321A | UP | 202.5 | Mckinley Av | Fresno | Fresno | At-Grade | All | Close | Road Above | At | Road Above | Closed; new overcrossing | |

**List existing railroad crossings where < 1000 feet from HSR alignment**

Otherwise, omit DOT#, railroad, railroad milepost, RRX change, and RRX grade

NA = Not applicable.

| Exist. RRX Grade | HST align. |
|---|---|
| G = Grade Crossing | HST At |
| A = Road Above Trk | HST Below |
| B = Road Below Trk | HST Above |

| ID # | RR Xing DOT# | RR | Approx RR MP | Road Xing RR | City | County | Existing RR Xing Type | HST Alternative | If Exist At-Grade | Prop. RR Xing Type | Prop. HST Grade | Prop. HST Xing Road | Proposed Change w/ HST | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 62 | 757322G | UP | 203.1 | Olive Av | Fresno | Fresno | At-Grade | All | Close | Road Above | At | Road Above | Closed; new overcrossing | |
| 63 | 757323N | UP | 203.9 | Belmont Av | Fresno | Fresno | (Grade Sep) | All | N/A | Road Above | At | Road Above | Closed; new overcrossing | |
| 64 | 748301P | UP | (see note) | H St Oh | Fresno | Fresno | (Grade Sep) | All | N/A | Road Above | At | Road Above | Closed; new overcrossing | Future grade separation ? |
| 65 | 757324V | UP | 204.5 | Divisadero St | Fresno | Fresno | At-Grade | All | Close | Close | At | N/A | Closed | |
| 66 | 757326J | UP | (see note) | G St | Fresno | Fresno | (Grade Sep) | All | N/A | Close | At | N/A | Closed | Spur |
| 67 | 757327R | UP | 204.3 | Stanislaus St SR 180 | Fresno | Fresno | (Grade Sep) | All | N/A | Road Above | At | Road Above | Existing overcrossing extended | Some added station traffic |
| 68 | 757328X | UP | 204.4 | Tuolumne St SR 180 | Fresno | Fresno | (Grade Sep) | All | N/A | Road Above | At | Road Above | Existing overcrossing extended | Some added station traffic |
| 69 | 757329E | UP | 205.4 | Fresno St | Fresno | Fresno | (Grade Sep) | All | N/A | Road Above | At | Road Below | Existing undercrossing extended | Some added station traffic |
| 70 | 757330Y | UP | 205.5 | Tulare St | Fresno | Fresno | At-Grade | All | Close | Road Above | At | Road Above | Close; new grade separation | Some added station traffic |
| 71 | 757331F | UP | 205.6 | Kern St | Fresno | Fresno | At-Grade | All | Close | Close | At | N/A | Closed | |
| 72 | 757332M | UP | 205.8 | Mono St | Fresno | Fresno | At-Grade | All | Close | Close | At | N/A | Closed | |
| 73 | 028643C | BNSF | 1044.5 | Burchell Av | Unincorporated | Merced | At-Grade | BNSF | Remain | At-Grade | Above | Road Below | No change | |
| 74 | 028639M | BNSF | 1041.7 | Cunningham Rd | Unincorporated | Merced | At-Grade | BNSF | Close | Close | At | N/A | Closed | Connected to Jefferson |
| 75 | 028638F | BNSF | 1041.4 | Jefferson St | Unincorporated | Merced | At-Grade | BNSF | Remain | At-Grade | Above | Road Below | No change | |
| 76 | 028637Y | BNSF | 1041.2 | Le Grand Rd | Unincorporated | Merced | At-Grade | BNSF | Remain | At-Grade | Above | Road Below | No change | |
| 77 | 028635K | BNSF | 1039.7 | Ipsen Av | Unincorporated | Merced | At-Grade | BNSF | Close | Close | At | N/A | Closed | |
| 78 | 028633W | BNSF | 1038.4 | Buchanan Hollow Rd | Unincorporated | Merced | At-Grade | BNSF | Close | Road Above | At | Road Above | Closed; new overcrossing | |
| 79 | 028632P | BNSF | 1037.5 | White Rock Rd | Unincorporated | Merced | At-Grade | BNSF | Close | Close | At | N/A | Closed | |
| 80 | 028631H | BNSF | 1035.4 | Santa Fe Av | Unincorporated | Merced | At-Grade | BNSF | Remain | At-Grade | At | N/A | No change | HST west of crossing |
| 81 | 028628A | BNSF | 1032.3 | Avenue 26 | Unincorporated | Madera | At-Grade | BNSF | Close | Road Above | At | Road Above | Closed; new overcrossing | |
| 82 | 028627T | BNSF | 1031.9 | Rd 22 | Unincorporated | Madera | At-Grade | BNSF | Close | Close | At | N/A | Closed | |

**List existing railroad crossings where < 1000 feet from HSR alignment**

Otherwise, omit DOT#, railroad, railroad milepost, RRX change, and RRX grade

NA = Not applicable.

| Exist. RRX Grade | HST align. |
|---|---|
| G = Grade Crossing | HST At |
| A = Road Above Trk | HST Below |
| B = Road Below Trk | HST Above |

| ID # | RR Xing DOT# | RR | Approx RR MP | Road Xing RR | City | County | Existing RR Xing Type | HST Alternative | If Exist At-Grade | Prop. RR Xing Type | Prop. HST Grade | Prop. HST Xing Road | Proposed Change w/ HST | Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 83 | 028626L | BNSF | 1030.0 | Avenue 24 | Unincorporated | Madera | At-Grade | BNSF | Close | Road Above | At | Road Above | Closed; new overcrossing | |
| 84 | 028624X | BNSF | 1027.9 | Road 24 | Unincorporated | Madera | At-Grade | BNSF | Close | Road Above | At | Road Above | Closed; new overcrossing | |
| 85 | 028623R | BNSF | 1026.4 | Avenue 20 1/2 | Unincorporated | Madera | At-Grade | BNSF | Close | Road Above | At | Road Above | Closed; new overcrossing | |
| 86 | | BNSF | 1026.0 | Private - Farm | Unincorporated | Madera | At-Grade | BNSF | Close | Road Above | At | | Closed; connect to Ave. 20 1/2 | |
| 87 | 028620V | BNSF | 1023.9 | Road 26 | Unincorporated | Madera | At-Grade | BNSF | Close | Road Below | Above | Road Below | Closed; new undercrossing | |
| 88 | 028620V | BNSF | 1023.9 | Road 26 | Unincorporated | Madera | At-Grade | Hybrid | Close | Road Above | At | Road Above | Closed; new overcrossing | |
| 89 | 028619B | BNSF | 1022.5 | Road 27 | Unincorporated | Madera | At-Grade | BNSF; Hybrid | Close | Road Above | At | Road Above | Closed; new overcrossing | |
| 90 | 028617M | BNSF | 1020.2 | Yosemite Av St 145 | Unincorporated | Madera | (Grade Sep) | BNSF; Hybrid | N/A | Road Below | At | Road Below | Existing undercrossing extended | |
| 91 | 028607G | BNSF | 1019.4 | Avenue 15 1/2 | Unincorporated | Madera | At-Grade | BNSF; Hybrid | Close | Road Above | At | Road Above | Closed; new overcrossing | |
| 92 | | BNSF | 1018.8 | Avenue 15 | Unincorporated | Madera | At-Grade | BNSF; Hybrid | Close | Road Above | At | Road Above | Closed; new overcrossing | |
| 93 | 028605T | BNSF | 1017.6 | Private - Farm | Unincorporated | Madera | (Grade Sep) | BNSF; Hybrid | N/A | Close | At | N/A | Closed | |
| 94 | | BNSF | 1016.4 | Avenue 13 (Closed) | Unincorporated | Madera | (Grade Sep) | BNSF; Hybrid | N/A | Road Above | At | Road Above | New overcrossing | At grade crossing is currently closed |
| 95 | 028601R | BNSF | 1015.1 | Avenue 12 | Unincorporated | Madera | At-Grade | BNSF; Hybrid | Remain | At-Grade | At | N/A | No change | New overcrossing of HST to west |