

APPENDIX 3.6-A: PUBLIC UTILITIES AND ENERGY FACILITIES

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Since publication of the Draft Environmental Impact Report/Environmental Impact Statement, the following substantive changes have been made to this appendix:

- This appendix was updated to reflect missing major utility lines within the public utilities resource study area and to reflect the relocation of the Diana Well under Alternatives 2 and 4.

Table 1a Existing Major Utilities and Energy Facilities within the Public Utilities Resource Study Area under Alternative 1

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
San Jose Diridon Station Approach					
Potable Water	Santa Clara Valley Water District	2410+14	Transverse	Emory Street	Protect in Place
Fiber Optic	Level 3 Communication	2478+50 to 2481+15	Longitudinal	n/a	Relocate
Fiber Optic	Sprint/MCI	2478+50 to 2481+15	Longitudinal	n/a	Relocate
Transmission Tower	PG&E	0052+00	n/a	n/a	Protect in Place
Electric OH	PG&E	0052+00 to 0066+00	Longitudinal and Transverse	West San Carlos Street	Relocate
Fiber Optic	Sprint/MCI	0052+91 to 0055+55	Longitudinal	n/a	Relocate
Fiber Optic	Level 3 Communication	0052+91 to 0057+50	Longitudinal	n/a	Relocate
Fiber Optic	Level 3 Communication	0057+50	Transverse	Park Avenue	Relocate
Fiber Optic	Level 3 Communication/ AboveNet	0057+50	Transverse	Park Avenue	Relocate
Fiber Optic	Level 3 Communication	0057+90	Transverse	Park Avenue	Protect in Place
AT&T Legacy Fiber Optic Cables	AT&T/ Pacific Bell	0058+50	Transverse	Park Avenue	Protect in Place
Fiber Optic	Level 3 Communication/ AboveNet/Time Warner	0058+70	Transverse	Park Avenue	Protect in Place
Sanitary	City of San Jose	0058+90	Transverse	Park Avenue	Relocate
Transmission Tower	PG&E	0059+70	n/a	Park Avenue	Relocate
Fiber Optic	Sprint/MCI	0134+00 to 0150+00	Longitudinal	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Monterey Corridor Subsection					
Fiber Optic	Sprint/MCI	0150+00 to 0196+00	Longitudinal	n/a	Relocate
Storm	City of San Jose	0159+00	Transverse	n/a	Protect in Place
Sanitary	City of San Jose	0172+50	Transverse	Almaden Road	Protect in Place
Fiber Optic	QWEST/WTG	0189+65 to 0250+00	Longitudinal	n/a	Relocate
Fiber Optic	Sprint/MCI	0196+00 to 0224+00	Longitudinal	Curtner Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	0208+20	Transverse	Curtner Avenue	Relocate
Natural Gas	PG&E	0208+90	Transverse	Curtner Avenue	Relocate
Sanitary	City of San Jose	0211+_60	Transverse	Curtner Avenue	Protect in Place
Fiber Optic	Sprint/MCI	0224+00 to 0250+00	Longitudinal	n/a	Relocate
Fiber Optic	Sprint/MCI	0250+00 to 0285+00	Longitudinal	n/a	Relocate
Fiber Optic	QWEST/WTG	0250+00 to 0285+00	Longitudinal	n/a	Relocate
Electric OH	PG&E	0266+50	Transverse	n/a	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Storm	City of San Jose	0297+60	Transverse	Monterey Highway	Relocate
Sanitary	City of San Jose	0297+80	Transverse	Monterey Highway	Protect in Place
Potable Water	San Jose Water Company	0298+00	Transverse	Monterey Highway	Protect in Place
Sanitary	City of San Jose	0299+00 to 0458+75	Longitudinal	Monterey Highway	Relocate
Fiber Optic	Sprint/MCI	0301+00 to 0313+00	Longitudinal	n/a	Relocate
Fiber Optic	QWEST/WTG	0301+00 to 0313+00	Longitudinal	n/a	Relocate
Fiber Optic	Level 3 Communication/ AT&T/ AboveNet	0301+00 to 0321+00	Longitudinal and Transverse	n/a	Relocate
Fiber Optic	AT&T/MCI/MFN	0301+00 to 0321+50	Longitudinal	n/a	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	AT&T	0302+00 to 0321+00	Longitudinal	Monterey Highway	Relocate
Fiber Optic	AT&T	0303+00 to 0321+00	Longitudinal	n/a	Relocate
Electric OH	PG&E	0334+00	Transverse	Senter Road	Relocate
Potable Water	Santa Clara Valley Water District	0363+30	Transverse	Skyway Drive	Protect in Place
Morgan Hill and Gilroy Subsection					
Storm	City of San Jose	0390+30	Transverse	Branham Lane	Relocate
Sanitary	City of San Jose	0392+15	Transverse	Branham Lane	Protect in Place
Fiber Optic	AT&T	0450+00 to 0510+00	Longitudinal	Monterey Road	Relocate
Natural Gas	PG&E	0480+00	Transverse	Ford Road	Protect in Place
Fiber Optic	AT&T	0510+00 to 0603+93	Longitudinal	Monterey Road	Relocate
Storm	City of San Jose	0510+10	Transverse	n/a	Relocate
Telecomm OH	Unknown	0642+65 to 0705+30	Longitudinal	Monterey Road	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	0645+54	Transverse	Metcalf Road	Relocate
Electric OH	PG&E	0717+33	Transverse	n/a	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	1308+66	Transverse	Roosevelt Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	1322+56	Transverse	Roosevelt Avenue	Relocate
Potable Water	Santa Clara Valley Water District	0636+85 to 0645 +00	Longitudinal and Transverse	Metcalf Road	Protect in Place
Electric OH	PG&E	0657+00	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0657+50	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0658+00	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0663+00	Transverse	Monterey Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	0663+30	Transverse	Monterey Road	Relocate
Electric OH	PG&E	0663+85	Transverse	Monterey Road	Protect in Place
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	0664+00	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0664+45	Transverse	Monterey Road	Relocate
Electric OH	PG&E	0664+70	Transverse	Monterey Road	Relocate
Electric OH	PG&E	0665+20	Transverse	Monterey Road	Relocate
Electric OH	PG&E	0665+ 45	Transverse	Monterey Road	Relocate
Natural Gas	CPN Pipeline Company	0682+70	Transverse	Blanchard Road	Relocate
Fiber Optic	QWEST/WTG	0700+00 to 0728+00	Longitudinal	n/a	Relocate
Natural Gas	PG&E	0717+85	Transverse	n/a	Protect in Place
Electric & Telecomm OH on Joint Pole	Verizon	0861+45 to 0896+00	Longitudinal and Transverse	Monterey Road	Relocate
Natural Gas	PG&E	0861+50	Transverse	n/a	Protect in Place
Electric & Telecomm OH on Joint Pole	Unknown	0880+15	Transverse	Ogier Avenue	Relocate
Electric OH	PG&E	0892+60	Transverse	Barnhart Avenue	Protect in Place
Electric OH	PG&E	0892+75	Transverse	Barnhart Avenue	Protect in Place
Electric OH	Unknown	0892+80	Transverse	Barnhart Avenue	Relocate
Electric OH	PG&E	0893+35	Transverse	Barnhart Avenue	Protect in Place
Electric OH	PG&E	0893+60	Transverse	Barnhart Avenue	Protect in Place
Electric or Telecomm OH	Unknown	0918+00	Transverse	n/a	Relocate
Electric or Telecomm OH	Unknown	0945+20	Transverse	n/a	Relocate
Electric or Telecomm OH	Unknown	0950+70	Transverse	n/a	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Telecomm	Verizon	0997+90	Transverse	Burnett Avenue	Relocate
Telecomm	Verizon	1016+20	Transverse	Peebles Avenue	Protect in Place
Natural Gas	PG&E	1043+10	Transverse	Cochrane Road	Protect in Place
Telecomm	Verizon	1044+35	Transverse	Cochrane Road	Protect in Place
Telecomm	Verizon	1078+70	Transverse	Half/Laurel Road	Protect in Place
Electric OH	Unknown	1098+00	Transverse	East Main Avenue	Relocate
Telecomm	Verizon	1098+75	Transverse	East Main Avenue	Relocate
Natural Gas	PG&E	1119+50	Transverse	Diana Avenue	Protect in Place
Telecomm	Verizon	1119+60	Transverse	Diana Avenue	Protect in Place
Electric OH	Unknown	1120+00	Transverse	Diana Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1156+00	Transverse	San Pedro Avenue	Relocate
Electric OH	Unknown	1172+15	Transverse	Barrett Avenue	Relocate
Potable Water	City of Morgan Hill	1172+45	Transverse	Barrett Avenue	Protect in Place
Potable Water	City of Morgan Hill	1188+70	Transverse	Tennant Avenue	Protect in Place
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric & Telecomm OH on Joint Pole	Unknown	1223+25	Transverse	Maple Avenue	Relocate
Electric OH	Unknown	1256+30	Transverse	Middle Avenue	Relocate
Fiber Optic	QWEST/WTG	1290+00 to 1344+00	Longitudinal	n/a	Relocate
Telecommunication Indoor Facility	Level 3 Communication/ AboveNet	1334+00	n/a	n/a	Relocate
Pacheco Pass Subsection					
Electric & Telecomm OH on Joint Pole	Verizon	1486+00	Transverse	n/a	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric & Telecomm OH on Joint Pole	Verizon	1498+85	Transverse	n/a	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1510+00	Transverse	Masten Avenue	Relocate
Electric & Telecomm OH on Joint Pole	PG&E/ Verizon	1526+20	Transverse	Santa Clara Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1533+00	Transverse	Masten/ Rucker Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1561+10	Transverse	Denio Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1595+50	Transverse	Cohansey Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	1654+73	Transverse	Leavesley Road	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1660+30	Transverse	Casey Lane	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1765+80	Transverse	Luchessa Avenue	Relocate
Electric & Telecomm OH on Joint Pole	n/a	2044+46	Transverse	Frazier Lake Road	Relocate
Electric OH	PG&E	1568+50	Transverse	Buena Vista Avenue	Relocate
Electric OH	PG&E	1569+00	Transverse	Buena Vista Avenue	Relocate
Electric OH	PG&E	1580+90	Transverse	Day Road	Relocate
Electric OH	PG&E	1581+10	Transverse	Day Road	Relocate
Electric OH	Unknown	1607+09	Transverse	Farrell Avenue	Relocate
Electric OH	Unknown	1693+81	Longitudinal and Transverse	Lewis Street/ Old Gilroy Street	Relocate
Electric OH	Unknown	1699+90	Transverse	Martin Street	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	1723+66	Transverse	East 9 th Street	Relocate
Electric OH	PG&E	1802+57 to 1810+00	Longitudinal	n/a	Relocate
Electric OH	PG&E	1803+03	Transverse	Southside Drive	Relocate
Electric OH	PG&E	1838+60	Transverse	Carnadero avenue	Relocate
Electric OH	PG&E	1838+75	Transverse	Carnadero Avenue	Relocate
Electric OH	PG&E	1870+47	Transverse	n/a	Remove
Electric OH	PG&E	2094+00	Transverse	n/a	Relocate
Fiber Optic	Level 3 Communication/ AboveNet	1426+00 to 1497+00	Longitudinal	n/a	Relocate
Fiber Optic	Sprint/MCI	1703+00 to 1761+00	Longitudinal	Loof Avenue/Lewis Street/ East 6 th Street	Relocate
Fiber Optic	Level 3 Communication/ AboveNet	1725+00 to 1725+00	Longitudinal	East 10 th Street	Relocate
Fiber Optic	Level 3 Communication/ AboveNet	1725+00 to 1770+00	Longitudinal	Luchessa Avenue	Protect in Place
Fiber Optic	Sprint/MCI	1781+00 to 1796+50	Longitudinal	n/a	Relocate
Natural Gas	PG&E	2107+75	Transverse	Lake Road	Protect in Place
Natural Gas	PG&E	1464+40	Transverse	Church Avenue	Relocate
Potable Water	City of Gilroy	1628+50 to 1640+00	Longitudinal and Transverse	n/a	Relocate
Potable Water	City of Gilroy	1640+00	Transverse	n/a	Relocate
San Joaquin Subsection					
Potable Water	City of Gilroy	1655+10	Transverse	Leavesley Road	Relocate
Potable Water	City of Gilroy	1680+90	Transverse	Loof Avenue	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Potable Water	City of Gilroy	1693+63 to 1700+71	Longitudinal	Railroad Street	Relocate
Potable Water	City of Gilroy	1704+40	Transverse	East 6 th Street	Protect in Place
Potable Water	City of Gilroy	1709+26	Transverse	Old Gilroy Street	Remove
Potable Water	City of Gilroy	1729+50	Transverse	East 10 th Street	Protect in Place
Potable Water	City of Gilroy	1766+50	Transverse	Luchessa Avenue	Relocate
Potable Water	City of Gilroy	1802+35	Transverse	Southside Drive	Remove
Recycled Water	Santa Clara Valley Water District	1749+35	Transverse	n/a	Protect in Place
Sanitary	City of Gilroy	1655+70	Transverse	Leavesley Road	Relocate
Storm	City of Gilroy	1671+80	Transverse	n/a	Protect in Place
Telecomm OH	Verizon	1568+00	Transverse	Buena Vista Avenue	Relocate
Telecomm	Verizon	1615+20	Transverse	Las Animas Avenue	Protect in Place
Transmission Tower	PG&E	1581+00	n/a	Day Road	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
West Branch Llagas Creek Box Culvert	City of Gilroy	1621+60	Transverse	n/a	Extend
Electric & Telecomm OH on Joint Pole	Unknown	2188+94	Transverse	Lovers Land	Relocate
Electric & Telecomm OH on Joint Pole	PG&E & Unknown	2228+14	Transverse	San Felipe Road	Relocate
Electric OH	PG&E	2372+38	Transverse	n/a	Relocate
Natural Gas	PG&E	2193+10	Transverse	n/a	Protect in Place
Potable Water	Department of Water Resources	2220+00 to 2231+00	Longitudinal	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Potable Water	U.S. Department of the Interior, Bureau of Reclamation	2287+50	Transverse	n/a	Protect in Place
Electric OH	n/a	4046+79	Transverse	n/a	Relocate
Electric OH	PG&E	4251+64	Transverse	n/a	Relocate
Gas	Shell	4285+00	Transverse	Delta Mendota Canal	Abandon
Irrigation Ditch	n/a	4366+26	Transverse	Santa Nella Road/ SR-33	Relocate
Electric & Telecomm OH on Joint Pole	n/a	4366+50	Transverse	Santa Nella Road/ SR-33	Relocate
Electric OH	n/a	4372+43	Transverse	CCID Main Canal	Relocate
Irrigation Ditch	n/a	4372+52	Transverse	CCID Main Canal	Relocate
Electric OH	n/a	4372+52 to 4375+50	Longitudinal	n/a	Relocate
Potable Water	U.S. Department of the Interior, Bureau of Reclamation	3270+50 to 3305+00	Longitudinal and Transverse	n/a	Relocate
Electric OH	PG&E	3666+00	Transverse	SR-152	Protect in Place
Electric OH	PG&E	3686+30	Transverse	n/a	Protect in Place
Electric OH	PG&E	4098+83	Transverse	SR-152	Relocate
Electric OH	PG&E	4177+80	Transverse	n/a	Protect in Place
Electric OH	PG&E	4178+30	Transverse	n/a	Protect in Place
Electric OH	PG&E	4178+70	Transverse	n/a	Protect in Place
Electric OH	PG&E	4179+50	Transverse	n/a	Protect in Place
Electric OH	PG&E	4180+00	Transverse	n/a	Protect in Place
Electric OH	PG&E	4180+50	Transverse	n/a	Protect in Place
Electric OH	PG&E	4182+50	Transverse	n/a	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	4183+30	Transverse	n/a	Protect in Place
Electric OH	PG&E	4183+60	Transverse	n/a	Protect in Place
Crude Oil	Shell	4207+50	Transverse	n/a	Protect in Place
Crude Oil	ConocoPhillips	4247+25	Transverse	n/a	Protect in Place
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Crude Oil	Chevron	4267+20	Transverse	n/a	Protect in Place
Irrigation Ditch	Henry Miller Reclamation District	4416+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	4438+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4438+30	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4455+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4462+56	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4463+81	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation	4512+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation	4512+41	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation	4532+40	Transverse	n/a	New
Electric OH	PG&E	4568+13	Transverse	n/a	Relocate
Electric OH	PG&E	4595+34	Transverse	Ingomar Grade	Relocate
Oil	Chevron	4595+68	Transverse	Ingomar Grade	Abandon
Electric & Telecomm OH on Joint Pole	PG&E	4597+20	Transverse	Ingomar Grade	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	4615+00 to 4642+00	Longitudinal	Henry Miller Road	Relocate
Electric OH	PG&E	4622+22	Transverse	Volta Road	Relocate
Irrigation District	Henry Miller Reclamation District	4622+42	Transverse	Volta Road	New
Irrigation District	Henry Miller Reclamation District	4623+50	Transverse	Volta Road	New
Irrigation District	Henry Miller Reclamation District	4639+70	Transverse	Henry Miller Road	New
Irrigation District	Henry Miller Reclamation District	4645+77 to 4648+93	Longitudinal	Henry Miller Road	New
Irrigation District	Henry Miller Reclamation District	4647+50 to 4648+50	Longitudinal	Henry Miller Road	New
Irrigation District	Henry Miller Reclamation District	4657+50 to 4681+50	Longitudinal	Henry Miller Road	Relocate
Irrigation District	Henry Miller Reclamation District	4657+54	Transverse	n/a	New
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	4657+81	Transverse	n/a	Relocate
Telecomm OH	PG&E	4660+00 to 4681+00	Longitudinal	n/a	Relocate
PG&E Electric OH	PG&E	4664+50 to 4717+00	Longitudinal	Henry Miller Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4671+77 to 4674+38	Longitudinal	Henry Miller Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4698+66	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	4698+66 to 4703+00	Longitudinal	n/a	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	4739+50	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4742+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4757+30	Transverse	n/a	Relocate
Telecom OH	Unknown	4761+31	Transverse	Badger Flat Road	Relocate
Electric OH	PG&E	4761+86	Transverse	Badger Flat Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4762+00 to 4766+30	Transverse	n/a	Relocate
Electric OH	PG&E	4780+28	Transverse	Wilson Road	Relocate
Electric & Telecomm OH on Joint Pole	PG&E	4798+51	Transverse	Johnson Road	Relocate
Irrigation District	Henry Miller Reclamation District	4815+38	Transverse	n/a	New
Irrigation District	Henry Miller Reclamation District	4818+90	Transverse	n/a	New
Irrigation District	Henry Miller Reclamation District	4833+00	Transverse	Nantes Avenue	New
Irrigation District	Henry Miller Reclamation District	4833+50	Transverse	Nantes Avenue	Realign
Irrigation District	Henry Miller Reclamation District	4833+50 to 4856+20	Longitudinal	Henry Miller Road	Relocate
Irrigation District	Henry Miller Reclamation District	4839+90	Transverse	n/a	Realign
Irrigation District	Henry Miller Reclamation District	4856+20	Transverse	SR 165/Merced Springs Road	Realign
Electric OH	PG&E	4856+42	Transverse	n/a	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric & Telecomm OH on Joint Pole	PG&E	4882+50 to 4888+00	Longitudinal	Henry Miller Road	Relocate
Electric OH	PG&E	4886+00	Transverse	SR 165/Mercey Springs Road	Relocate
Telecomm OH	Unknown	4886+55	Transverse	SR 165/Mercey Springs Road	Relocate
Santa Fe Canal (San Luis Irrigation Drain)	Grassland Water District	4901+50	Transverse	n/a	New
San Luis Canal	Grassland Water District	4924+50	Transverse	n/a	New
San Luis Drain No.1	Grassland Water District	4925+25	Transverse	n/a	New
Porter/Blake Bypass Canal	Grassland Water District	4926+50	Transverse	n/a	Realign
Electric OH	PG&E	4966+39	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5006+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5031+88	Transverse	n/a	Relocate
Electric OH	PG&E	5032+24	Transverse	n/a	Relocate
Electric OH	PG&E	5055+82	Transverse	n/a	Relocate
Electric OH	PG&E	5060+1	Transverse	Baker Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5063+12	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5071+84	Transverse	n/a	New
Electric & Telecomm OH on Joint Pole	PG&E	5095+00 to 5102+30	Longitudinal	Henry Miller Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric & Telecomm OH on Joint Pole	PG&E	5097+97	Transverse	Delta Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5098+00	Transverse	Delta Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5111+24	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5123+92	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5142+50	Transverse	Midway Road	New
West Delta Irrigation Canal & Drain	Henry Miller Reclamation District	5154+30	Transverse	n/a	Extend
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
West Delta Irrigation Canal & Drain	Henry Miller Reclamation District	5154+30 to 5159+00	Longitudinal	n/a	Relocate
West Delta Irrigation Canal & Drain	Henry Miller Reclamation District	5159+00 to 5164+00	Longitudinal	n/a	Relocate
Dambrosia Branch #1 Canal	Henry Miller Reclamation District	5169+15	Transverse	n/a	New
Electric OH	PG&E	5177+75	Transverse	Box Car Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5180+75	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5181+07	Transverse	n/a	New
Irrigation Canal	Henry Miller Reclamation District	5195+00 to 5221+00	Longitudinal	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5207+80	Transverse	n/a	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	5221+15	Transverse	n/a	Relocate
Delta Canal & Seepage Drain	Henry Miller Reclamation District	5221+50	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5222+15	Transverse	n/a	New
East Delta Canal	Henry Miller Reclamation District	5229+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5229+50	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5229+50 to 5243+50	Longitudinal	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5243+50	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5256+00	Transverse	Turner Island Road	Relocate
Storage Tank	Henry Miller Reclamation District	5256+00	Transverse	Turner Island Road	Relocate
County Road Ditch	Henry Miller Reclamation District	5256+50	Transverse	Turner Island Road	Relocate
Willis Branch	Henry Miller Reclamation District	5257+00	Transverse	Turner Island Road	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Willis Branch Pump Station Facility	Henry Miller Reclamation District	5257+00	Transverse	Turner Island Road	Relocate
Electric OH	PG&E	5257+17	Transverse	Turner Island Road	Relocate
Belmont Drain	Henry Miller Reclamation District	5261+50 to 5263+00	Longitudinal	Turner Island Road	New

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	5286+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5299+00	Transverse	n/a	New
Delta Canal No.1	Henry Miller Reclamation District	5310+00	Transverse	n/a	New
PG&E Electric OH	PG&E	5319+00 to 5335+50	Longitudinal	n/a	Relocate
Copper Cable	Verizon	5320+00 to 5335+50	Longitudinal	Henry Miller Road	Relocate
West San Juan Drain	Henry Miller Reclamation District	5321+68	Transverse	n/a	New
San Juan No.1	Henry Miller Reclamation District	5334+00	Transverse	Carlucci Road	New
Copper Cable	Verizon	5335+40	Transverse	Carlucci Road	Relocate
West San Juan Drain	Henry Miller Reclamation District	5335+50	Transverse	Carlucci Road	New
PG&E Electric OH	PG&E	5336+20	Transverse	Carlucci Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5358+00	Transverse	Carlucci Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5360+00	Transverse	Carlucci Road	Relocate
Irrigation Canal	Henry Miller Reclamation District	5360+00	Transverse	Carlucci Road	New
San Juan No.1	Henry Miller Reclamation District	5360+00	Longitudinal and Transverse	Carlucci Road	New

Source: Authority 2017

n/a = not applicable

PG&E = Pacific Gas & Electric Company

CCID = Central California Irrigation District

¹ Longitudinal is defined as a facility located parallel to and within the proposed HSR right-of-way. A transverse facility is one that passes from one side of the proposed HSR right-of-way to the other side of the right-of-way. The designation of "Above" is used for transmission towers that extend above the HSR alignment.

Table 1b Existing Major Utilities and Energy Facilities within the Public Utilities Resource Study Area under Alternative 2

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
San Jose Diridon Station Approach					
Potable Water	Santa Clara Valley Water District	2409+80	Transverse	Emory Street	Protect in Place
Fiber Optic	Level 3 Communication	2478+50 to 2481+15	Longitudinal	n/a	Relocate
Fiber Optic	Sprint/MCI	2478+50 to 2481+15	Longitudinal	n/a	Relocate
Transmission Tower	PG&E	0052+00	n/a	n/a	Protect in Place
Electric OH	PG&E	0052+00 to 0066+00	Longitudinal and Transverse	West San Carlos Street	Relocate
Fiber Optic	Sprint/MCI	0052+91 to 0055+55	Longitudinal	n/a	Relocate
Fiber Optic	Level 3 Communication	0052+91 to 0057+50	Longitudinal	n/a	Relocate
Fiber Optic	Level 3 Communication	0057+50	Transverse	Park Avenue	Relocate
Fiber Optic	Level 3 Communication/ AboveNet	0057+50	Transverse	Park Avenue	Relocate
Fiber Optic	Level 3 Communication	0057+90	Transverse	Park Avenue	Protect in Place
AT&T Legacy Fiber Optic Cables	AT&T/ Pacific Bell	0058+50	Transverse	Park Avenue	Protect in Place
Fiber Optic	Level 3 Communication/ AboveNet/Time Warner	0058+70	Transverse	Park Avenue	Protect in Place
Sanitary	City of San Jose	0058+90	Transverse	Park Avenue	Relocate
Transmission Tower	PG&E	0059+70	n/a	Park Avenue	Relocate
Fiber Optic	Sprint/MCI	0134+00 to 0150+00	Longitudinal	n/a	Protect in Place
Monterey Corridor Subsection					
Fiber Optic	Sprint/MCI	0150+00 to 0196+00	Longitudinal	n/a	Relocate
Storm	City of San Jose	0159+00	Transverse	n/a	Protect in Place
Sanitary	City of San Jose	0172+50	Transverse	Almaden Road	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	QWEST/WTG	0189+65 to 0250+00	Longitudinal	n/a	Relocate
Fiber Optic	Sprint/MCI	0196+00 to 0224+00	Longitudinal	Curtner Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	0208+20	Transverse	Curtner Avenue	Relocate
Natural Gas	PG&E	0208+90	Transverse	Curtner Avenue	Relocate
Sanitary	City of San Jose	0211+_60	Transverse	Curtner Avenue	Protect in Place
Fiber Optic	Sprint/MCI	0224+00 to 0250+00	Longitudinal	n/a	Relocate
Fiber Optic	QWEST/WTG	0250+00 to 0286+00	Longitudinal	n/a	Relocate
Fiber Optic	Sprint/MCI	0250+00 to 0286+50	Longitudinal	n/a	Relocate
Electric OH	PG&E	0267+65	Transverse	n/a	Relocate
Fiber Optic	AT&T/MCI/MFN	0290+00 to 0544+10	Longitudinal	n/a	Relocate
Sanitary	City of San Jose	0291+00 to 0311+30	Longitudinal	Monterey Highway	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	AT&T	0291+00 to 0546+60	Longitudinal	Monterey Road	Relocate
Potable Water	San Jose Water Company	0298+50	Transverse	Monterey Highway	Protect in Place
Storm	City of San Jose	0298+50	Transverse	Monterey Highway	Relocate
Fiber Optic	AT&T	0298+50 to 0604+94	Longitudinal	Monterey Road	Relocate
Sanitary	City of San Jose	0298+70	Transverse	Monterey Highway	Protect in Place
Fiber Optic	Sprint/MCI	0302+00 to 0319+00	Longitudinal and Transverse	n/a	Relocate
Fiber Optic	QWEST/WTG	0302+50 to 0319+00	Longitudinal	n/a	Relocate
Fiber Optic	Level 3 Communications/AT&T/AboveNet	0305+00 to 0319+00	Longitudinal	n/a	Relocate
Sanitary	City of San Jose	0311+30 to 0339+25	Longitudinal	Monterey Highway	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	0334+50	Transverse	Senter Road	Relocate
Electric OH	PG&E	0334+50 to 0345+50	Longitudinal	Monterey Highway	Relocate
Sanitary	City of San Jose	0339+25 to 0380+00	Longitudinal	Monterey Highway/ Branham Lane	Relocate
Pump Station (SS)	n/a	0342+00	n/a	Grade Separation- Monterey Road	New
Fiber Optic	Level 3 Communications/AboveNet	0361+50 to 0364+50	Longitudinal	Skyway Drive	Relocate
Fiber Optic	QWEST/WTG	0362+00 to 364+00	Longitudinal	Skyway Drive	Relocate
Fiber Optic	Sprint/MCI	0362+00 to 365+00	Longitudinal	Skyway Drive	Relocate
Pump Station (SD)	n/a	0363+00	n/a	Grade Separation- Skyway Drive	New
Potable Water	Santa Clara Valley Water District	0363+30	Transverse	Skyway Drive	Relocate
Sanitary	City of San Jose	0380+00 to 0428+25	Longitudinal	Monterey Highway	Relocate
Fiber Optic	Sprint/MCI	0388+60 to 0392+20	Longitudinal	Branham Lane	Relocate
Pump Station (SD)	n/a	0289+00	n/a	Grade Separation- Branham Lane	New
Fiber Optic	Level 3 Communications/AboveNet	0389+00 to 0391+50	Longitudinal	Branham Lane	Relocate
Fiber Optic	QWEST/WTG	0389+00 to 0392+00	Longitudinal	Branham Lane	Relocate
Pump Station (SS)	n/a	0390+50	n/a	Grade Separation- Branham Lane	New
Storm	City of San Jose	0391+20	Transverse	Branham Lane	Relocate
Storm	City of San Jose	0391+20 to 0415+00	Longitudinal	Monterey Highway	Relocate
Sanitary	City of San Jose	0393+25	Transverse	Branham Lane	Relocate
Sanitary	City of San Jose	0428+25 to 0460+00	Longitudinal	Monterey Highway	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	Level 3 Communications/AboveNet	0432+50 to 0435+50	Longitudinal	Chynoweth Avenue	Relocate
Fiber Optic	QWEST/WTG	0432+50 to 0435+60	Longitudinal	Chynoweth Avenue	Relocate
Fiber Optic	Sprint/MCI	0432+50 to 0436+00	Longitudinal	Chynoweth Avenue	Relocate
Pump Station (SD)	n/a	0433+50	n/a	Grade Separation- Chynoweth Avenue	New
Pump Station (SS)	n/a	0433+50	n/a	Grade Separation- Chynoweth Avenue	New
Electric OH	PG&E	0455+00 to 0605+00	Longitudinal	Monterey Road	Relocate
Natural Gas	PG&E	0481+20	Transverse	Ford Road	Relocate
Storm	City of San Jose	0511+10	Transverse	n/a	Protect in Place
Fiber Optic	AT&T	0542+50 to 0592+50	Longitudinal	Monterey Road	Relocate
Natural Gas	PG&E	0464+50 to 0480+20	Longitudinal	n/a	Relocate
Electric OH	Electric OH	0807+28	Transverse	n/a	Relocate
Electric OH	Electric OH	0811+30	Transverse	n/a	Relocate
Morgan Hill and Gilroy Subsection					
Electric OH	Electric OH	1015+00	Transverse	n/a	Relocate
Electric OH	Unknown	1034+30	Transverse	n/a	Relocate
Electric OH	Unknown	1039+11	Transverse	n/a	Relocate
Telecomm OH	Unknown	1080+41	Transverse	Burnett Avenue	Relocate
Pump Station (SD)	n/a	1105+00	n/a	Grade Separation- Madrone Parkway	New
Electric OH	Electric OH	987+00	Transverse	n/a	Relocate
Fiber Optic	PG&E	0605+00 to 1147+00	Longitudinal	Monterey Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	QWEST/WTG	0694+18 to 0720+00	Longitudinal	n/a	Protect in Place
Fiber Optic	Level 3 Communications/AboveNet	0694+18 to 0728+00	Longitudinal	n/a	Protect in Place
Fiber Optic	QWEST/WTG	0720+00 to 0740+00	Longitudinal	n/a	Relocate
Fiber Optic	Sprint/MCI	0722+00 to 0768+00	Longitudinal	n/a	Relocate
Potable Water	Santa Clara Valley Water District	0726+00 to 0727+00	Longitudinal and Transverse	Monterey Road	Protect in Place
Fiber Optic	Level 3 Communications/AboveNet	0728+00 to 768+50	Longitudinal	n/a	Relocate
Fiber Optic	QWEST/WTG	0740+00 to 0768+00	Longitudinal	n/a	Relocate
Electric OH	PG&E	0747+20	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0747+70	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0748+15	Transverse	Monterey Road	Protect in Place
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	0752+60	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0752+90	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0753+45	Longitudinal	Monterey Road	Protect in Place
Electric OH	PG&E	0753+60	Longitudinal	Monterey Road	Protect in Place
Electric OH	PG&E	0754+05	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0754+30	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0754+80	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0755+10	Transverse	Monterey Road	Protect in Place
Fiber Optic	QWEST/WTG	0768+00 to 0784+00	Longitudinal	n/a	Protect in Place
Natural Gas	CPN Pipeline Company	0771+00	Transverse	Blanchard Road	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Natural Gas	PG&E	0807+75	Transverse	n/a	Protect in Place
Fiber Optic	Sprint/MCI	0825+00 to 0866+00	Longitudinal	n/a	Relocate
Fiber Optic	QWEST/WTG	0922+00 to 0950+00	Longitudinal	Palm Avenue	Protect in Place
Fiber Optic	Level 3 Communications/AboveNet	0937+00 to 0940+00	Longitudinal	Palm Avenue	Protect in Place
Natural Gas	PG&E	0951+50	Transverse	Coyote Creek Golf Drive	Protect in Place
Electric OH & Telecomm OH on Joint Pole	Unknown	0970+15	Transverse	Ogier Avenue	Relocate
Electric OH	PG&E	0982+30	Transverse	Barnhart Avenue	Relocate
Electric OH	PG&E	0982+50	Transverse	Barnhart Avenue	Relocate
Transmission Tower	PG&E	0982+50	n/a	Barnhart Avenue	Relocate
Electric OH	Unknown	0982+55	Transverse	Barnhart Avenue	Relocate
Electric OH	PG&E	0983+10	Transverse	Barnhart Avenue	Relocate
Electric OH	PG&E	0983+35	Transverse	Barnhart Avenue	Relocate
Transmission Tower	PG&E	0983+50	n/a	Barnhart Avenue	Relocate
Fiber Optic	QWEST/WTG	1006+00 to 1034+00	Longitudinal	Live Oak Avenue	Protect in Place
Electric OH	Unknown	1006+40	Transverse	n/a	Relocate
Fiber Optic	Sprint/MCI	1015+00 to 1017+00	Longitudinal	n/a	Protect in Place
Fiber Optic	Level 3 Communications/AboveNet	1015+00 to 1017+00	Longitudinal	Live Oak Avenue	Protect in Place
Electric OH	Unknown	1034+30	Transverse	n/a	Relocate
Storm	City of Morgan Hill	1094+80	Transverse	Peebles Avenue	Protect in Place
Fiber Optic	Level 3 Communications/AboveNet	1104+00 to 1107+00	Longitudinal	Madrone Parkway	Protect in Place
Fiber Optic	Sprint/MCI	1104+00 to 1107+00	Longitudinal	Madrone Parkway	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	QWEST/WTG	1104+00 to 1107+00	Longitudinal	Madrone Parkway	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Storm	City of Morgan Hill	1114+20	Transverse	n/a	Protect in Place
Storm	City of Morgan Hill	1154+00 to 1162+00	Longitudinal	n/a	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	1172+70	Transverse	East Central Avenue	Relocate
Pump Station (SS)	n/a	1173+50	n/a	East Central Avenue	New
Pump Station (Drainage)	n/a	1182+00	n/a	Grade Separation- Main Avenue	New
Fiber Optic	QWEST/WTG	1182+00 to 1185+00	Longitudinal	Main Avenue	Relocate
Fiber Optic	Sprint/MCI	1182+00 to 1185+00	Longitudinal	Main Avenue	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1182+00 to 1185+00	Longitudinal	Main Avenue	Relocate
Pump Station (SS)	n/a	1184+00	n/a	Grade Separation- Main Avenue	New
Natural Gas	PG&E	1203+50	Transverse	Diana Avenue	Protect in Place
Drinking Water Well	City of Morgan Hill	1204+00	Longitudinal	Diana Avenue	Relocate
Fiber optic	Sprint/MCI	1207+00 to 1210+00	Longitudinal	East Dunne Avenue	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1207+00 to 1212+00	Longitudinal	East Dunne Avenue	Relocate
Fiber Optic	Verizon	1208+30	Transverse	East Dunne Avenue	Relocate
Fiber Optic	Verizon	1208+30 to 1226+00	Longitudinal	n/a	Relocate
Pump Station (SD)	n/a	1209+00	n/a	Grade Separation- East Dunne Avenue	New
Fiber Optic	Level 3 Communications/AboveNet	1224+00 to 1227+00	Longitudinal	San Pedro Avenue	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Sanitary	City of Morgan Hill	1225+00 to 1260+00	Longitudinal	Railroad Avenue/ Tennant Avenue	Relocate
Electric OH	Unknown	1225+00 to 1328+45	Longitudinal and Transverse	Railroad Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	1225+80	Transverse	San Pedro Avenue	Relocate
Fiber Optic	Verizon	1226+00 to 1245+00	Longitudinal	n/a	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	1364+00	Transverse	California Avenue	Relocate
Fiber Optic	Sprint/MCI	1258+00 to 1261+00	Longitudinal	Tennant Avenue	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1258+00 to 1261+00	Longitudinal	Tennant Avenue	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1328+00 to 1397+30	Longitudinal	n/a	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	AT&T	1328+50 to 1363+70	Longitudinal	Monterey Road	Relocate
Fiber Optic	QWEST/WTG	1328+50 to 1397+00	Longitudinal and Transverse	n/a	Relocate
Fiber Optic	Sprint/MCI	1328+50 to 1397+00	Longitudinal	n/a	Relocate
Fiber Optic	AT&T	1363+70	Transverse	California Avenue	Protect in Place
Fiber Optic	AT&T	1364+00	Transverse	California Avenue	Protect in Place
Pump Station (SD)	n/a	1227+00	n/a	Grade Separation- San Pedro Avenue	New
Pump Station (SD)	n/a	1259+00	n/a	Grade Separation- Tennant Avenue	New

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Pump Station (SD)	n/a	1367+50	n/a	Grade Separation- West San Martin Avenue	New
Pump Station (SS)	n/a	1259+00	n/a	Grade Separation- Tennant Avenue	New
Sanitary	City of Morgan Hill	1330+00 to 1363+60	Longitudinal	Monterey Road	Relocate
Telecomm OH	Verizon	1276+30	Transverse	Fisher Avenue	Relocate
Telecommunication Indoor Facility	Level 3 Communications/AboveNet	1406+50	n/a	n/a	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	0951+30 to 1104+00	Longitudinal and Transverse	n/a	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1328+00 to 1336+00	Longitudinal and Transverse	East Middle Avenue	Relocate
Electric OH	Unknown	1334+00 to 1395+00	Longitudinal	Monterey Road	Relocate
Fiber Optic	AT&T	1387+00 to 1389+00	Longitudinal	West San Martin Avenue	Relocate
Sanitary	City of Morgan Hill	1330+00 to 1363+60	Longitudinal and Transverse	Monterey Road/ California Avenue	Relocate
Telecomm	Verizon	1173+00 to 1182+70	Longitudinal	Main Avenue	Relocate
Telecomm	Verizon	1182+70	Transverse	Main Avenue	Relocate
Telecomm OH	Verizon	1243+00 to 1258+10	Longitudinal	Tennant Avenue	Relocate
Telecomm OH	Verizon	1260+00	Transverse	Tennant Avenue	Relocate
Telecom OH	Verizon	1260+00 to 1295+00	Longitudinal	Butterfield Boulevard	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	1462+50 to 1467+00	Longitudinal	Church Avenue	Relocate
Electric OH	Unknown	1502+00 to 1529+00	Longitudinal	Monterey Highway	Relocate
Telecomm OH	Verizon	1504+00 to 1534+50	Longitudinal	Monterey Highway	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	AT&T	1504+00 to 1535+00	Longitudinal	Monterey Highway	Relocate
Electric & Telecomm OH on Joint Pole	Unknown & Verizon	1521+20 to 1526+30	Longitudinal and Transverse	1 st Street	Relocate
Electric OH	Unknown	1568+50	Transverse	Buena Vista Avenue	Relocate
Electric OH	Unknown	1568+50 to 1572+00	Longitudinal	Buena Vista Avenue	Relocate
Pump Station (Drainage)	n/a	1570+00	n/a	Grade Separation- Monterey Road at Buena Vista Avenue	New
Fiber Optic	QWEST/WTG	1593+00 to 1597+00	Longitudinal	Cohansey Avenue	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1593+00 to 1597+00	Longitudinal	Cohansey Avenue	Relocate
Fiber Optic	Sprint/MCI	1593+1597+00	Longitudinal	Cohansey Avenue	Relocate
Pump Station (Drainage)	n/a	1656+50	n/a	Grade Separation- Leavesley Road	New
Pump Station (Drainage)	n/a	1659+25	n/a	Grade Separation- Casey Street	New
Storm	City of Gilroy	1671+79	Transverse	b/a	Extend
Electric & Telecomm OH on Joint Pole	Unknown	1681+00	Transverse	Loof Avenue	Relocate
Electric OH	Unknown	1693+81	Transverse	Lewis Street	Relocate
Telecomm OH	Unknown	1699+41	Transverse	Martin Street	Relocate
Potable Water	City of Gilroy	1709+24	Transverse	Old Gilroy Street	Abandon
Pump Station (Drainage)	n/a	1711+50	n/a	Grade Separation- East 7 th Street	New
Electric OH	Unknown	1723+66	Transverse	East 9 th Street	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Potable Water	City of Gilroy	1723+92	Transverse	East 9 th Street	Relocate
Pump Station (Drainage for Track)	n/a	1776+50	n/a	US 101 Highway	New
Fiber Optic	Sprint/MCI	1781+00 to 1810+00	Longitudinal	UPRR	Relocate
Electric OH	Unknown	1802+50 to 1810+00	Longitudinal	n/a	Relocate
Electric OH	Unknown	1803+03	Transverse	n/a	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1426+00 to 1486+00	Longitudinal	n/a	Relocate
Fiber Optic	Sprint/MCI	1463+00 to 1465+00	Longitudinal	n/a	Protect in Place
Fiber Optic	QWEST/WTG	1463+00 to 1465+00	Longitudinal	Church Avenue	Protect in Place
Natural Gas	PG&E	1464+10	Transverse	Church Avenue	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric & Telecomm OH on Joint Pole	Verizon	1486+00	Transverse	n/a	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1498+85	Transverse	n/a	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1510+10	Transverse	Masten Avenue	Relocate
Fiber Optic	Sprint/MCI	1514+00 to 1517+00	Longitudinal	Masten Avenue	Relocate
Fiber Optic	QWEST/WTG	1514+00 to 1517+00	Longitudinal	Masten Avenue	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1514+00 to 1518+00	Longitudinal	Masten Avenue	Relocate
Pump Station (Drainage)	n/a	1517+00	n/a	Grade Separation- Masten Avenue	New
Fiber Optic	Sprint/MCI	1532+00 to 1535+00	Longitudinal	Rucker Avenue	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1532+00 to 15235+00	Longitudinal	Rucker Avenue	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Pump Station (Drainage)	n/a	1533+00	n/a	Grade Separation- Rucker Avenue	New
Electric & Telecomm OH on Joint Pole	Verizon	1533+00	Transverse	Rucker Avenue	Relocate
Fiber Optic	QWEST/WTG	1533+00 to 1535+00	Longitudinal	Rucker Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1561+10	Transverse	Denio Avenue	Relocate
Telecomm OH	Verizon	1567+50	Transverse	Buena Vista Avenue	Relocate
Fiber Optic	Sprint/MCI	1568+00 to 1573+00	Longitudinal	Buena Vista Avenue	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1568+00 to 1573+00	Longitudinal	Buena Vista Avenue	Relocate
Fiber Optic	QWEST/WTG	1569+00 to 1572+00	Longitudinal	Buena Vista Avenue	Relocate
Pump Station (Drainage)	n/a	1571+00	n/a	Grade Separation- Buena Vista Avenue	New
Electric OH	PG&E	1580+70	Transverse	Day Road	Relocate
Transmission Tower	PG&E	1580+85	n/a	Day Road	Relocate
Electric OH	PG&E	1580+95	Transverse	Day Road	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1595+50	Transverse	Cohansey Avenue	Relocate
Fiber Optic	QWEST/WTG	1598+00 to 1601+00	Longitudinal	Las Animas Avenue	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1598+00 to 1601+00	Longitudinal	Las Animas Avenue	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Pump Station (SD)	n/a	1598+50	n/a	Grade Separation- Las Animas Avenue & Monterey Road	New
Fiber Optic	Sprint/MCI	1599+00 to 1601+00	Longitudinal	Las Animas Avenue	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Telecomm	Verizon	1615+00	Transverse	Las Animas Avenue	Protect in Place
Fiber Optic	Level 3 Communications/AboveNet	1654+00 to 1657+00	Longitudinal	Leavesley Road	Relocate
Potable Water	City of Gilroy	1655+00	Transverse	Leavesley Road	Protect in Place
Fiber Optic	Sprint/MCI	1655+00 to 1657+00	Longitudinal	Leavesley Road	Relocate
Sanitary	City of Gilroy	1655+70	Transverse	Leavesley Road	Relocate
Pump Station (SS)	n/a	1656+50	n/a	Grade Separation- Leavesley Road	New
Electric & Telecomm OH on Joint Pole	Verizon	1660+30	Transverse	Casey Lane	Relocate
Fiber Optic	Sprint/MCI	1680+00 to 1683+00	Longitudinal	Loof Avenue	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1680+00 to 1683+00	Longitudinal	Loof Avenue	Relocate
Pump Station (Drainage)	n/a	1681+00	n/a	Grade Separation- Loof Avenue	New
Potable Water	City of Gilroy	1681+68	Transverse	Loof Avenue	Relocate
Fiber Optic	Sprint/MCI	1692+00 to 1695+00	Longitudinal	Lewis Street	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1692+00 to 1695+00	Longitudinal	Lewis Street	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	1694+00	Longitudinal and Transverse	Lewis Street/Old Gilroy Street	Protect in Place
Pump Station (SD)	n/a	1694+50	n/a	Grade Separation- Lewis Street	New
Fiber Optic	Sprint/MCI	1695+00 to 1703+00	Longitudinal	n/a	Protect in Place
Electric OH	Unknown	1699+90	Transverse	Martin Street	Relocate
Fiber Optic	Sprint/MCI	1703+00 to 1765+00	Longitudinal	n/a	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	Level 3 Communications/AboveNet	1703+50 to 1750+00	Longitudinal	East 6 th Street/East 7 th Street/East 9 th Street/ East 10 th Street	Relocate
Potable Water	City of Gilroy	1704+40	Transverse	East 6 th Street	Relocate
Pump Station (SD)	n/a	1705+00	n/a	Grade Separation- East 6 th Street	New
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Pump Station (SD)	n/a	1710+50	n/a	Grade Separation- Old Gilroy Street	New
Pump Station (SD)	n/a	1723+00	n/a	Grade Separation-9 th Street	New
Pump Station (SD)	n/a	1729+00	n/a	Grade Separation- 10 th street	New
Potable Water	City of Gilroy	1729+50	Transverse	East 10 th Street	Relocate
Recycled Water	Santa Clara Valley Water District	1749+35	Transverse	n/a	Protect in Place
Fiber Optic	Level 3 Communications/AboveNet	1750+00 to 1764+00	Longitudinal	n/a	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1765+80	Transverse	Luchessa Avenue	Relocate
Potable Water	City of Gilroy	1766+30	Transverse	Luchessa Avenue	Relocate
Potable Water	City of Gilroy	1802+35	Transverse	n/a	Remove
Electric OH	PG&E	1838+60	Transverse	Carnadero Avenue	Relocate
Electric OH	PG&E	1838+75	Transverse	Carnadero Avenue	Relocate
Telecomm OH	Verizon	1890+75	Transverse	Bloomfield Avenue	Relocate
Natural Gas	PG&E	2107+75	Transverse	Lake Road	Protect in Place
Electric & Telecomm OH on Joint Pole	Unknown	2188+94	Transverse	Lovers Land	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric & Telecomm OH on Joint Pole	PG&E & Unknown	2228+14	Transverse	San Felipe Road	Relocate
Electric OH	PG&E	2372+38	Transverse	n/a	Relocate
Natural Gas	PG&E	2193+10	Transverse	n/a	Protect in Place
Potable Water	Department of Water Resources	2220+00 to 2231+00	Longitudinal	n/a	Protect in Place
Potable Water	U.S. Department of the Interior, Bureau of Reclamation	2287+50	Transverse	n/a	Protect in Place
Electric OH	n/a	4046+79	Transverse	n/a	Relocate
Electric OH	PG&E	4251+64	Transverse	n/a	Relocate
Gas	Shell	4285+00	Transverse	Delta Mendota Canal	Abandon
Irrigation Ditch	n/a	4366+26	Transverse	Santa Nella Road/ SR-33	Relocate
Electric & Telecomm OH on Joint Pole	n/a	4366+50	Transverse	Santa Nella Road/ SR-33	Relocate
Electric OH	n/a	4372+43	Transverse	CCID Main Canal	Relocate
Irrigation Ditch	n/a	4372+52	Transverse	CCID Main Canal	Relocate
Electric OH	n/a	4372+52 to 4375+50	Longitudinal	n/a	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Potable Water	U.S. Department of the Interior, Bureau of Reclamation	3270+50 to 3305+00	Longitudinal and Transverse	n/a	Relocate
Electric OH	PG&E	3666+00	Transverse	SR-152	Protect in Place
Electric OH	PG&E	3686+30	Transverse	n/a	Protect in Place
Electric OH	PG&E	4098+83	Transverse	SR-152	Relocate
Electric OH	PG&E	4177+80	Transverse	n/a	Protect in Place
Electric OH	PG&E	4178+30	Transverse	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	4178+70	Transverse	n/a	Protect in Place
Electric OH	PG&E	4179+50	Transverse	n/a	Protect in Place
Electric OH	PG&E	4180+00	Transverse	n/a	Protect in Place
Electric OH	PG&E	4180+50	Transverse	n/a	Protect in Place
Electric OH	PG&E	4182+50	Transverse	n/a	Relocate
Pacheco Pass Subsection					
Electric OH	PG&E	4183+30	Transverse	n/a	Protect in Place
Electric OH	PG&E	4183+60	Transverse	n/a	Protect in Place
Crude Oil	Shell	4207+50	Transverse	n/a	Protect in Place
Crude Oil	ConocoPhillips	4247+25	Transverse	n/a	Protect in Place
Crude Oil	Chevron	4267+20	Transverse	n/a	Protect in Place
Irrigation Ditch	Henry Miller Reclamation District	4416+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	4438+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4438+30	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4455+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4462+56	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4463+81	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation	4512+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation	4512+41	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation	4532+40	Transverse	n/a	New
Electric OH	PG&E	4568+13	Transverse	n/a	Relocate
Electric OH	PG&E	4595+34	Transverse	Ingomar Grade	Relocate
Oil	Chevron	4595+68	Transverse	Ingomar Grade	Abandon

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric & Telecomm OH on Joint Pole	PG&E	4597+20	Transverse	Ingomar Grade	Relocate
Electric OH	PG&E	4615+00 to 4642+00	Longitudinal	Henry Miller Road	Relocate
Electric OH	PG&E	4622+22	Transverse	Volta Road	Relocate
Irrigation District	Henry Miller Reclamation District	4622+42	Transverse	Volta Road	New
Irrigation District	Henry Miller Reclamation District	4623+50	Transverse	Volta Road	New
Irrigation District	Henry Miller Reclamation District	4639+70	Transverse	Henry Miller Road	New
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
San Joaquin Subsection					
Irrigation District	Henry Miller Reclamation District	4645+77 to 4648+93	Longitudinal	Henry Miller Road	New
Irrigation District	Henry Miller Reclamation District	4647+50 to 4648+50	Longitudinal	Henry Miller Road	New
Irrigation District	Henry Miller Reclamation District	4657+50 to 4681+50	Longitudinal	Henry Miller Road	Relocate
Irrigation District	Henry Miller Reclamation District	4657+54	Transverse	n/a	New
Electric OH	PG&E	4657+81	Transverse	n/a	Relocate
Telecomm OH	PG&E	4660+00 to 4681+00	Longitudinal	n/a	Relocate
PG&E Electric OH	PG&E	4664+50 to 4717+00	Longitudinal	Henry Miller Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4671+77 to 4674+38	Longitudinal	Henry Miller Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4698+66	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	4698+66 to 4703+00	Longitudinal	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4739+50	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4742+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4757+30	Transverse	n/a	Relocate
Telecom OH	Unknown	4761+31	Transverse	Badger Flat Road	Relocate
Electric OH	PG&E	4761+86	Transverse	Badger Flat Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	4762+00 to 4766+30	Transverse	n/a	Relocate
Electric OH	PG&E	4780+28	Transverse	Wilson Road	Relocate
Electric & Telecomm OH on Joint Pole	PG&E	4798+51	Transverse	Johnson Road	Relocate
Irrigation District	Henry Miller Reclamation District	4815+38	Transverse	n/a	New
Irrigation District	Henry Miller Reclamation District	4818+90	Transverse	n/a	New
Irrigation District	Henry Miller Reclamation District	4833+00	Transverse	Nantes Avenue	New
Irrigation District	Henry Miller Reclamation District	4833+50	Transverse	Nantes Avenue	Realign
Irrigation District	Henry Miller Reclamation District	4833+50 to 4856+20	Longitudinal	Henry Miller Road	Relocate
Irrigation District	Henry Miller Reclamation District	4839+90	Transverse	n/a	Realign
Irrigation District	Henry Miller Reclamation District	4856+20	Transverse	SR 165/Mercey Springs Road	Realign
Electric OH	PG&E	4856+42	Transverse	n/a	Relocate
Electric & Telecomm OH on Joint Pole	PG&E	4882+50 to 4888+00	Longitudinal	Henry Miller Road	Relocate
Electric OH	PG&E	4886+00	Transverse	SR 165/Mercey Springs Road	Relocate
Telecomm OH	Unknown	4886+55	Transverse	SR 165/Mercey Springs Road	Relocate
Santa Fe Canal (San Luis Irrigation Drain)	Grassland Water District	4901+50	Transverse	n/a	New
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
San Luis Canal	Grassland Water District	4924+50	Transverse	n/a	New
San Luis Drain No.1	Grassland Water District	4925+25	Transverse	n/a	New
Porter/Blake Bypass Canal	Grassland Water District	4926+50	Transverse	n/a	Realign

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	4966+39	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5006+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5031+88	Transverse	n/a	Relocate
Electric OH	PG&E	5032+24	Transverse	n/a	Relocate
Electric OH	PG&E	5055+82	Transverse	n/a	Relocate
Electric OH	PG&E	5060+1	Transverse	Baker Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5063+12	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5071+84	Transverse	n/a	New
Electric & Telecomm OH on Joint Pole	PG&E	5095+00 to 5102+30	Longitudinal	Henry Miller Road	Relocate
Electric & Telecomm OH on Joint Pole	PG&E	5097+97	Transverse	Delta Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5098+00	Transverse	Delta Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5111+24	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5123+92	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5142+50	Transverse	Midway Road	New
West Delta Irrigation Canal & Drain	Henry Miller Reclamation District	5154+30	Transverse	n/a	Extend
West Delta Irrigation Canal & Drain	Henry Miller Reclamation District	5154+30 to 5159+00	Longitudinal	n/a	Relocate
West Delta Irrigation Canal & Drain	Henry Miller Reclamation District	5159+00 to 5164+00	Longitudinal	n/a	Relocate
Dambrosia Branch #1 Canal	Henry Miller Reclamation District	5169+15	Transverse	n/a	New
Electric OH	PG&E	5177+75	Transverse	Box Car Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5180+75	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5181+07	Transverse	n/a	New
Irrigation Canal	Henry Miller Reclamation District	5195+00 to 5221+00	Longitudinal	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5207+80	Transverse	n/a	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	5221+15	Transverse	n/a	Relocate
Delta Canal & Seepage Drain	Henry Miller Reclamation District	5221+50	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5222+15	Transverse	n/a	New
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
East Delta Canal	Henry Miller Reclamation District	5229+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5229+50	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5229+50 to 5243+50	Longitudinal	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5243+50	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5256+00	Transverse	Turner Island Road	Relocate
Storage Tank	Henry Miller Reclamation District	5256+00	Transverse	Turner Island Road	Relocate
County Road Ditch	Henry Miller Reclamation District	5256+50	Transverse	Turner Island Road	Relocate
Willis Branch	Henry Miller Reclamation District	5257+00	Transverse	Turner Island Road	Relocate
Willis Branch Pump Station Facility	Henry Miller Reclamation District	5257+00	Transverse	Turner Island Road	Relocate
Electric OH	PG&E	5257+17	Transverse	Turner Island Road	Relocate
Belmont Drain	Henry Miller Reclamation District	5261+50 to 5263+00	Longitudinal	Turner Island Road	New
Irrigation Ditch	Henry Miller Reclamation District	5286+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5299+00	Transverse	n/a	New
Delta Canal No.1	Henry Miller Reclamation District	5310+00	Transverse	n/a	New
PG&E Electric OH	PG&E	5319+00 to 5335+50	Longitudinal	n/a	Relocate
Copper Cable	Verizon	5320+00 to 5335+50	Longitudinal	Henry Miller Road	Relocate
West San Juan Drain	Henry Miller Reclamation District	5321+68	Transverse	n/a	New
San Juan No.1	Henry Miller Reclamation District	5334+00	Transverse	Carlucci Road	New
Copper Cable	Verizon	5335+40	Transverse	Carlucci Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
West San Juan Drain	Henry Miller Reclamation District	5335+50	Transverse	Carlucci Road	New
PG&E Electric OH	PG&E	5336+20	Transverse	Carlucci Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5358+00	Transverse	Carlucci Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5360+00	Transverse	Carlucci Road	Relocate
Irrigation Canal	Henry Miller Reclamation District	5360+00	Transverse	Carlucci Road	New
San Juan No.1	Henry Miller Reclamation District	5360+00	Longitudinal and Transverse	Carlucci Road	New

Source: Authority 2017

n/a = not applicable

PG&E = Pacific Gas & Electric Company

CCID = Central California Irrigation District

¹ Longitudinal is defined as a facility located parallel to and within the proposed HSR right-of-way. A transverse facility is one that passes from one side of the proposed HSR right-of-way to the other side of the right-of-way. The designation of "Above" is used for transmission towers that extend above the HSR alignment.

Table 1c Existing Major Utilities and Energy Facilities within the Public Utilities Resource Study Area under Alternative 3

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
San Jose Diridon Station Approach					
Potable Water	Santa Clara Valley Water District	2409+80	Transverse	Emory Street	Protect in Place
Fiber Optic	Level 3 Communication	2478+50 to 2481+15	Longitudinal	n/a	Relocate
Fiber Optic	Sprint/MCI	2478+50 to 2481+15	Longitudinal	n/a	Relocate
Transmission Tower	PG&E	0052+00	n/a	n/a	Protect in Place
Electric OH	PG&E	0052+00 to 0066+00	Longitudinal and Transverse	West San Carlos Street	Relocate
Fiber Optic	Sprint/MCI	0052+91 to 0055+55	Longitudinal	n/a	Relocate
Fiber Optic	Level 3 Communication	0052+91 to 0057+50	Longitudinal	n/a	Relocate
Fiber Optic	Level 3 Communication	0057+50	Transverse	Park Avenue	Relocate
Fiber Optic	Level 3 Communication/ AboveNet	0057+50	Transverse	Park Avenue	Relocate
Fiber Optic	Level 3 Communication	0057+90	Transverse	Park Avenue	Protect in Place
AT&T Legacy Fiber Optic Cables	AT&T/ Pacific Bell	0058+50	Transverse	Park Avenue	Protect in Place
Fiber Optic	Level 3 Communication/ AboveNet/Time Warner	0058+70	Transverse	Park Avenue	Protect in Place
Sanitary	City of San Jose	0058+90	Transverse	Park Avenue	Relocate
Transmission Tower	PG&E	0059+70	n/a	Park Avenue	Relocate
Fiber Optic	Sprint/MCI	0134+00 to 0150+00	Longitudinal	n/a	Protect in Place
Monterey Corridor Subsection					
Fiber Optic	Sprint/MCI	0150+00 to 0196+00	Longitudinal	n/a	Relocate
Storm	City of San Jose	0159+00	Transverse	n/a	Protect in Place
Sanitary	City of San Jose	0172+50	Transverse	Almaden Road	Protect in Place
Fiber Optic	QWEST/WTG	0189+65 to 0250+00	Longitudinal	n/a	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	Sprint/MCI	0196+00 to 0224+00	Longitudinal	Curtner Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	0208+20	Transverse	Curtner Avenue	Relocate
Natural Gas	PG&E	0208+90	Transverse	Curtner Avenue	Relocate
Sanitary	City of San Jose	0211+_60	Transverse	Curtner Avenue	Protect in Place
Fiber Optic	Sprint/MCI	0224+00 to 0250+00	Longitudinal	n/a	Relocate
Fiber Optic	Sprint/MCI	0250+00 to 0285+00	Longitudinal	n/a	Relocate
Fiber Optic	QWEST/WTG	0250+00 to 0285+00	Longitudinal	n/a	Relocate
Electric OH	PG&E	0266+50	Transverse	n/a	Relocate
Storm	City of San Jose	0297+60	Transverse	Monterey Highway	Relocate
Sanitary	City of San Jose	0297+80	Transverse	Monterey Highway	Protect in Place
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Potable Water	San Jose Water Company	0298+00	Transverse	Monterey Highway	Protect in Place
Sanitary	City of San Jose	0299+00 to 0458+75	Longitudinal	Monterey Highway	Relocate
Fiber Optic	Sprint/MCI	0301+00 to 0313+00	Longitudinal	n/a	Relocate
Fiber Optic	QWEST/WTG	0301+00 to 0313+00	Longitudinal	n/a	Relocate
Fiber Optic	Level 3 Communication/ AT&T/ AboveNet	0301+00 to 0321+00	Longitudinal and Transverse	n/a	Relocate
Fiber Optic	AT&T/MCI/MFN	0301+00 to 0321+50	Longitudinal	n/a	Relocate
Fiber Optic	AT&T	0302+00 to 0321+00	Longitudinal	Monterey Highway	Relocate
Fiber Optic	AT&T	0303+00 to 0321+00	Longitudinal	n/a	Relocate
Electric OH	PG&E	0334+00	Transverse	Senter Road	Relocate
Potable Water	Santa Clara Valley Water District	0363+30	Transverse	Skyway Drive	Protect in Place
Storm	City of San Jose	0390+30	Transverse	Branham Lane	Relocate
Sanitary	City of San Jose	0392+15	Transverse	Branham Lane	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	AT&T	0450+00 to 0510+00	Longitudinal	Monterey Road	Relocate
Natural Gas	PG&E	0480+00	Transverse	Ford Road	Protect in Place
Fiber Optic	AT&T	0510+00 to 0603+93	Longitudinal	Monterey Road	Relocate
Storm	City of San Jose	0510+10	Transverse	n/a	Relocate
Telecomm OH	Unknown	0642+65 to 0705+30	Longitudinal	Monterey Road	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	0645+54	Transverse	Metcalfe Road	Relocate
Electric OH	PG&E	0717+33	Transverse	n/a	Relocate
Morgan Hill and Gilroy Subsection					
Electric & Telecomm OH on Joint Pole	Unknown	1308+66	Transverse	Roosevelt Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Unknown	1322+56	Transverse	Roosevelt Avenue	Relocate
Potable Water	Santa Clara Valley Water District	0636+85 to 0645 +00	Longitudinal and Transverse	Metcalfe Road	Protect in Place
Electric OH	PG&E	0657+00	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0657+50	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0658+00	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0663+00	Transverse	Monterey Road	Relocate
Electric OH	PG&E	0663+30	Transverse	Monterey Road	Relocate
Electric OH	PG&E	0663+85	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0664+00	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0664+45	Transverse	Monterey Road	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	0664+70	Transverse	Monterey Road	Relocate
Electric OH	PG&E	0665+20	Transverse	Monterey Road	Relocate
Electric OH	PG&E	0665+ 45	Transverse	Monterey Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Natural Gas	CPN Pipeline Company	0682+70	Transverse	Blanchard Road	Relocate
Fiber Optic	QWEST/WTG	0700+00 to 0728+00	Longitudinal	n/a	Relocate
Natural Gas	PG&E	0717+85	Transverse	n/a	Protect in Place
Electric & Telecomm OH on Joint Pole	Verizon	0861+45 to 0896+00	Longitudinal and Transverse	Monterey Road	Relocate
Natural Gas	PG&E	0861+50	Transverse	n/a	Protect in Place
Electric & Telecomm OH on Joint Pole	Unknown	0880+15	Transverse	Ogier Avenue	Relocate
Electric OH	PG&E	0892+60	Transverse	Barnhart Avenue	Protect in Place
Electric OH	PG&E	0892+75	Transverse	Barnhart Avenue	Protect in Place
Electric OH	Unknown	0892+80	Transverse	Barnhart Avenue	Relocate
Electric OH	PG&E	0893+35	Transverse	Barnhart Avenue	Protect in Place
Electric OH	PG&E	0893+60	Transverse	Barnhart Avenue	Protect in Place
Electric or Telecomm OH	Unknown	0918+00	Transverse	n/a	Relocate
Electric or Telecomm OH	Unknown	0945+20	Transverse	n/a	Relocate
Electric or Telecomm OH	Unknown	0950+70	Transverse	n/a	Relocate
Telecomm	Verizon	0997+90	Transverse	Burnett Avenue	Relocate
Telecomm	Verizon	1016+20	Transverse	Peebles Avenue	Protect in Place
Natural Gas	PG&E	1043+10	Transverse	Cochrane Road	Protect in Place
Telecomm	Verizon	1044+35	Transverse	Cochrane Road	Protect in Place
Telecomm	Verizon	1078+70	Transverse	Half/Laurel Road	Protect in Place
Electric OH	Unknown	1098+00	Transverse	East Main Avenue	Relocate
Telecomm	Verizon	1098+75	Transverse	East Main Avenue	Relocate
Natural Gas	PG&E	1119+50	Transverse	Diana Avenue	Protect in Place
Telecomm	Verizon	1119+60	Transverse	Diana Avenue	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	Unknown	1120+00	Transverse	Diana Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1156+00	Transverse	San Pedro Avenue	Relocate
Electric OH	Unknown	1172+15	Transverse	Barrett Avenue	Relocate
Potable Water	City of Morgan Hill	1172+45	Transverse	Barrett Avenue	Protect in Place
Potable Water	City of Morgan Hill	1188+70	Transverse	Tennant Avenue	Protect in Place
Electric & Telecomm OH on Joint Pole	Unknown	1223+25	Transverse	Maple Avenue	Relocate
Electric OH	Unknown	1256+30	Transverse	Middle Avenue	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	QWEST/WTG	1290+00 to 1344+00	Longitudinal	n/a	Relocate
Telecommunication Indoor Facility	Level 3 Communication/ AboveNet	1334+00	n/a	n/a	Relocate
Electric OH	n/a	1464+18	Transverse	Lake Road	Relocate
Electric OH	n/a	1486+71	Transverse	n/a	Relocate
Electric OH	n/a	1525+52	Transverse	n/a	Relocate
Electric & Telecomm OH on Joint Pole	n/a	1603+65	Transverse	Cohansey Avenue	Relocate
Electric & Telecomm OH on Joint Pole	n/a	1622+06	Transverse	Las Animas Avenue	Relocate
Electric & Telecomm OH on Joint Pole	n/a	1661+00	Transverse	Leavesley Road	Relocate
Electric OH	n/a	1681+00	Transverse	n/a	Relocate
Electric & Fiber Optic OH on Joint Pole	n/a	1710+61	Transverse	Gilman Road	Relocate
Electric & Telecomm OH on Joint Pole	n/a	1742+50	Transverse	Holsclaw Road	Relocate
Electric OH	n/a	1751+65	Transverse	n/a	Remove
Electric OH	n/a	1783+00	Transverse	n/a	Relocate
Electric & Telecomm OH on Joint Pole	n/a	1796+00 to 1808+00	Longitudinal	Frazier Lake Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric & Telecomm OH on Joint Pole	n/a	1798+00	Transverse	SR 152	Relocate
Gas	PG&E	1804+50 to 1814+00	Longitudinal	Frazier Lake Road	Abandon
Electric OH	n/a	1824+32	Transverse	n/a	Relocate
Fiber Optic	Level 3 Communications/AboveNet	1426+00 to 1446+00	Longitudinal	n/a	Relocate
Natural Gas	PG&E	1464+10	Transverse	Church Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1500+30	Transverse	Lena Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1537+50	Transverse	Rucker Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Verizon	1569+80	Transverse	Denio Avenue	Relocate
Electric OH	PG&E	1570+00	Transverse	Denio Avenue	Relocate
Electric & Telecomm OH on Joint Pole	Verizon/PG&E	1577+85	Transverse	Buena Vista Avenue	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Potable Water	Department of Water Resources	1795+00	Longitudinal	SR 152 Roadway	Protect in Place
Electric OH	n/a	1951+33	Transverse	n/a	Relocate
Electric OH	n/a	2023+05	Transverse	Lake Road	Relocate
Electric OH	n/a	2027+00	Transverse	Lake Road	Relocate
Natural Gas	PG&E	1897+70	Transverse	Bloomfield Avenue	Relocate
Natural Gas	PG&E	2028+00	Transverse	Lake Road	Protect in Place
Natural Gas	PG&E	2122+00	Transverse	n/a	Protect in Place
Potable Water	Department of Water Resources	2137+00 to 2156+00	Longitudinal	n/a	Protect in Place
Potable Water	Department of Water Resources	2156+00 to 2165+00	Longitudinal	San Felipe Road	Protect in Place
Potable Water	U.S. Department of the Interior, Bureau of Reclamation	2287+50	Transverse	n/a	Protect in Place
Electric OH	n/a	4046+79	Transverse	n/a	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	4251+64	Transverse	n/a	Relocate
Gas	Shell	4285+00	Transverse	Delta Mendota Canal	Abandon
Irrigation Ditch	n/a	4366+26	Transverse	Santa Nella Road/ SR-33	Relocate
Electric & Telecomm OH on Joint Pole	n/a	4366+50	Transverse	Santa Nella Road/ SR-33	Relocate
Electric OH	n/a	4372+43	Transverse	CCID Main Canal	Relocate
Irrigation Ditch	n/a	4372+52	Transverse	CCID Main Canal	Relocate
Electric OH	n/a	4372+52 to 4375+50	Longitudinal	n/a	Relocate
Potable Water	U.S. Department of the Interior, Bureau of Reclamation	3270+50 to 3305+00	Longitudinal and Transverse	n/a	Relocate
Electric OH	PG&E	3666+00	Transverse	SR-152	Protect in Place
Electric OH	PG&E	3686+30	Transverse	n/a	Protect in Place
Electric OH	PG&E	4098+83	Transverse	SR-152	Relocate
Electric OH	PG&E	4177+80	Transverse	n/a	Protect in Place
Electric OH	PG&E	4178+30	Transverse	n/a	Protect in Place
Electric OH	PG&E	4178+70	Transverse	n/a	Protect in Place
Electric OH	PG&E	4179+50	Transverse	n/a	Protect in Place
Electric OH	PG&E	4180+00	Transverse	n/a	Protect in Place
Electric OH	PG&E	4180+50	Transverse	n/a	Protect in Place
Electric OH	PG&E	4182+50	Transverse	n/a	Relocate
Electric OH	PG&E	4183+30	Transverse	n/a	Protect in Place
Electric OH	PG&E	4183+60	Transverse	n/a	Protect in Place
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Crude Oil	Shell	4207+50	Transverse	n/a	Protect in Place
Crude Oil	ConocoPhillips	4247+25	Transverse	n/a	Protect in Place
Pacheco Pass Subsection					
Crude Oil	Chevron	4267+20	Transverse	n/a	Protect in Place
Irrigation Ditch	Henry Miller Reclamation District	4416+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	4438+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4438+30	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4455+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4462+56	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4463+81	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation	4512+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation	4512+41	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation	4532+40	Transverse	n/a	New
Electric OH	PG&E	4568+13	Transverse	n/a	Relocate
Electric OH	PG&E	4595+34	Transverse	Ingomar Grade	Relocate
Oil	Chevron	4595+68	Transverse	Ingomar Grade	Abandon
Electric & Telecomm OH on Joint Pole	PG&E	4597+20	Transverse	Ingomar Grade	Relocate
Electric OH	PG&E	4615+00 to 4642+00	Longitudinal	Henry Miller Road	Relocate
Electric OH	PG&E	4622+22	Transverse	Volta Road	Relocate
Irrigation District	Henry Miller Reclamation District	4622+42	Transverse	Volta Road	New
Irrigation District	Henry Miller Reclamation District	4623+50	Transverse	Volta Road	New
Irrigation District	Henry Miller Reclamation District	4639+70	Transverse	Henry Miller Road	New
Irrigation District	Henry Miller Reclamation District	4645+77 to 4648+93	Longitudinal	Henry Miller Road	New
Irrigation District	Henry Miller Reclamation District	4647+50 to 4648+50	Longitudinal	Henry Miller Road	New

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation District	Henry Miller Reclamation District	4657+50 to 4681+50	Longitudinal	Henry Miller Road	Relocate
Irrigation District	Henry Miller Reclamation District	4657+54	Transverse	n/a	New
San Joaquin Subsection					
Electric OH	PG&E	4657+81	Transverse	n/a	Relocate
Telecomm OH	PG&E	4660+00 to 4681+00	Longitudinal	n/a	Relocate
PG&E Electric OH	PG&E	4664+50 to 4717+00	Longitudinal	Henry Miller Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4671+77 to 4674+38	Longitudinal	Henry Miller Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4698+66	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	4698+66 to 4703+00	Longitudinal	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4739+50	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4742+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4757+30	Transverse	n/a	Relocate
Telecom OH	Unknown	4761+31	Transverse	Badger Flat Road	Relocate
Electric OH	PG&E	4761+86	Transverse	Badger Flat Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4762+00 to 4766+30	Transverse	n/a	Relocate
Electric OH	PG&E	4780+28	Transverse	Wilson Road	Relocate
Electric & Telecomm OH on Joint Pole	PG&E	4798+51	Transverse	Johnson Road	Relocate
Irrigation District	Henry Miller Reclamation District	4815+38	Transverse	n/a	New
Irrigation District	Henry Miller Reclamation District	4818+90	Transverse	n/a	New
Irrigation District	Henry Miller Reclamation District	4833+00	Transverse	Nantes Avenue	New
Irrigation District	Henry Miller Reclamation District	4833+50	Transverse	Nantes Avenue	Realign
Irrigation District	Henry Miller Reclamation District	4833+50 to 4856+20	Longitudinal	Henry Miller Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation District	Henry Miller Reclamation District	4839+90	Transverse	n/a	Realign
Irrigation District	Henry Miller Reclamation District	4856+20	Transverse	SR 165/Mercey Springs Road	Realign
Electric OH	PG&E	4856+42	Transverse	n/a	Relocate
Electric & Telecomm OH on Joint Pole	PG&E	4882+50 to 4888+00	Longitudinal	Henry Miller Road	Relocate
Electric OH	PG&E	4886+00	Transverse	SR 165/Mercey Springs Road	Relocate
Telecomm OH	Unknown	4886+55	Transverse	SR 165/Mercey Springs Road	Relocate
Santa Fe Canal (San Luis Irrigation Drain)	Grassland Water District	4901+50	Transverse	n/a	New
San Luis Canal	Grassland Water District	4924+50	Transverse	n/a	New
San Luis Drain No.1	Grassland Water District	4925+25	Transverse	n/a	New
Porter/Blake Bypass Canal	Grassland Water District	4926+50	Transverse	n/a	Realign
Electric OH	PG&E	4966+39	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5006+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5031+88	Transverse	n/a	Relocate
Electric OH	PG&E	5032+24	Transverse	n/a	Relocate
Electric OH	PG&E	5055+82	Transverse	n/a	Relocate
Electric OH	PG&E	5060+1	Transverse	Baker Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5063+12	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5071+84	Transverse	n/a	New
Electric & Telecomm OH on Joint Pole	PG&E	5095+00 to 5102+30	Longitudinal	Henry Miller Road	Relocate
Electric & Telecomm OH on Joint Pole	PG&E	5097+97	Transverse	Delta Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	5098+00	Transverse	Delta Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5111+24	Transverse	n/a	New
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	5123+92	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5142+50	Transverse	Midway Road	New
West Delta Irrigation Canal & Drain	Henry Miller Reclamation District	5154+30	Transverse	n/a	Extend
West Delta Irrigation Canal & Drain	Henry Miller Reclamation District	5154+30 to 5159+00	Longitudinal	n/a	Relocate
West Delta Irrigation Canal & Drain	Henry Miller Reclamation District	5159+00 to 5164+00	Longitudinal	n/a	Relocate
Dambrosia Branch #1 Canal	Henry Miller Reclamation District	5169+15	Transverse	n/a	New
Electric OH	PG&E	5177+75	Transverse	Box Car Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5180+75	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5181+07	Transverse	n/a	New
Irrigation Canal	Henry Miller Reclamation District	5195+00 to 5221+00	Longitudinal	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5207+80	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5221+15	Transverse	n/a	Relocate
Delta Canal & Seepage Drain	Henry Miller Reclamation District	5221+50	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5222+15	Transverse	n/a	New
East Delta Canal	Henry Miller Reclamation District	5229+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5229+50	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5229+50 to 5243+50	Longitudinal	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5243+50	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5256+00	Transverse	Turner Island Road	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Storage Tank	Henry Miller Reclamation District	5256+00	Transverse	Turner Island Road	Relocate
County Road Ditch	Henry Miller Reclamation District	5256+50	Transverse	Turner Island Road	Relocate
Willis Branch	Henry Miller Reclamation District	5257+00	Transverse	Turner Island Road	Relocate
Willis Branch Pump Station Facility	Henry Miller Reclamation District	5257+00	Transverse	Turner Island Road	Relocate
Electric OH	PG&E	5257+17	Transverse	Turner Island Road	Relocate
Belmont Drain	Henry Miller Reclamation District	5261+50 to 5263+00	Longitudinal	Turner Island Road	New
Irrigation Ditch	Henry Miller Reclamation District	5286+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5299+00	Transverse	n/a	New
Delta Canal No.1	Henry Miller Reclamation District	5310+00	Transverse	n/a	New
PG&E Electric OH	PG&E	5319+00 to 5335+50	Longitudinal	n/a	Relocate
Copper Cable	Verizon	5320+00 to 5335+50	Longitudinal	Henry Miller Road	Relocate
West San Juan Drain	Henry Miller Reclamation District	5321+68	Transverse	n/a	New
San Juan No.1	Henry Miller Reclamation District	5334+00	Transverse	Carlucci Road	New
Copper Cable	Verizon	5335+40	Transverse	Carlucci Road	Relocate
West San Juan Drain	Henry Miller Reclamation District	5335+50	Transverse	Carlucci Road	New
PG&E Electric OH	PG&E	5336+20	Transverse	Carlucci Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5358+00	Transverse	Carlucci Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5360+00	Transverse	Carlucci Road	Relocate
Irrigation Canal	Henry Miller Reclamation District	5360+00	Transverse	Carlucci Road	New
San Juan No.1	Henry Miller Reclamation District	5360+00	Longitudinal and Transverse	Carlucci Road	New

Source: Authority 2017

n/a = not applicable

PG&E = Pacific Gas & Electric Company

CCID = Central California Irrigation District

¹ Longitudinal is defined as a facility located parallel to and within the proposed HSR right-of-way. A transverse facility is one that passes from one side of the proposed HSR right-of-way to the other side of the right-of-way. The designation of "Above" is used for transmission towers that extend above the HSR alignment.

Table 1d Existing Major Utilities and Energy Facilities within the Public Utilities Resource Study Area under Alternative 4

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
San Jose Diridon Station Approach					
Electric OH	PG&E	2873+82	Transverse	Scott Boulevard	Protect in Place
Electric OH	PG&E	2873+91 to 2885+34	Longitudinal	n/a	Protect in Place
Electric OH	PG&E	2887+57	Transverse	n/a	Protect in Place
Sanitary Sewer	Unknown	2887+74	Transverse	n/a	Protect in Place
Potable Water	Unknown	2898+85	Transverse	Main Street	Protect in Place
Storm Drain	Unknown	2900+21	Transverse	Main Street	Protect in Place
Electric OH	PG&E	2912+63	Transverse	Main Street	Protect in Place
Storm Drain	Unknown	2912+78	Transverse	Main Street	Protect in Place
Storm Drain	Unknown	2913+46	Transverse	Main Street	Protect in Place
Storm Drain	Unknown	2918+00	Transverse	n/a	Protect in Place
Sanitary Sewer	Unknown	2926+24	Transverse	Grant Street	Protect in Place
Recycled Water	Unknown	2926+29	Transverse	Grant Street	Protect in Place
Fiber Optic	Unknown	2925+33	Transverse	Grant Street	Protect in Place
Sanitary Sewer	Unknown	2930+76	Transverse	De La Cruz Boulevard	Protect in Place
Storm Drain	Unknown	2930+81	Transverse	De La Cruz Boulevard	Protect in Place
Storm Drain	Unknown	2931+08	Transverse	De La Cruz Boulevard	Protect in Place
Potable Water	Unknown	2932+03	Transverse	n/a	Protect in Place
Electric OH	Unknown	2932+26	Transverse	n/a	Protect in Place
Electric OH	Unknown	2932+48	Transverse	n/a	Protect in Place
Electric OH	PG&E	2934+70	Transverse	n/a	Protect in Place
Electric UG	PG&E	2934+78	Transverse	n/a	Protect in Place
Fiber Optic	Unknown	2934+95	Transverse	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric UG	Unknown	2945+74	Transverse	Brokaw Road/ Benton Street	Protect in Place
Fiber Optic	Unknown	2988+57 to 3034+00	Longitudinal	n/a	Protect in Place
Electric OH	Unknown	2992+98	Transverse	Newhall Street	Protect in Place
Potable Water	Unknown	2993+16	Transverse	Newhall Street	Protect in Place
Sanitary Sewer	Unknown	2996+56	Transverse	n/a	Protect in Place
Sanitary Sewer	Unknown	2997+61	Transverse	n/a	Protect in Place
Storm Drain	Unknown	2997+64	Transverse	n/a	Protect in Place
Sanitary Sewer	City of San Jose	3007+28	Transverse	McKendrie Street	Protect in Place
Storm Drain	City of San Jose	3007+40	Transverse	McKendrie Street	Protect in Place
Electric OH	Unknown	3007+49	Transverse	n/a	Protect in Place
Storm Drain	Unknown	3011+95	Transverse	West Hedding Street	Protect in Place
Potable Water	Unknown	3011+97	Transverse	West Hedding Street	Protect in Place
Sanitary Sewer	Unknown	3012+08	Transverse	West Hedding Street	Protect in Place
Fiber Optic	Unknown	3017+00 to 3021+50	Longitudinal and Transverse	Stockton Avenue/ College Park Station	Relocate
Fiber Optic	Unknown	3018+13	Transverse	Stockton Avenue/ College Park Station	Protect in Place
Electric OH	PG&E	3018+36	Transverse	Stockton Ave/College Park Station	Protect in Place
Electric OH & Telecomm OH on Joint Pole	PG&E & Unknown	3018+48	Transverse	Stockton Avenue/ College Park Station	Protect in Place
Fiber Optic	Unknown	3019+00 to 3022+00	Longitudinal	Stockton Avenue/College Park Station	Relocate
Fiber Optic	Unknown	3019+33	Transverse	Stockton Avenue/College Park Station	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Potable Water	Santa Clara Valley Water District	3022+23	Transverse	Emory Street	Protect in Place
Potable Water	Cal Water	3022+32	Transverse	Emory Street	Protect in Place
Gas	PG&E	3022+38	Transverse	Emory Street	Protect in Place
Gas	PG&E	3022+55	Transverse	Emory Street	Protect in Place
Electric OH & Telecomm OH on Joint Pole	PG&E and Unknown	3022+63	Transverse	Emory Street	Protect in Place
Electric OH	PG&E	3030+30 to 3033+00	Longitudinal	West Taylor Street	Relocate
Fiber Optic	Unknown	3031+00 to 3042+00	Longitudinal	n/a	Relocate
Storm Drain	City of San Jose	3032+29	Transverse	West Taylor Street	Relocate
Storm Drain	City of San Jose	3032+39	Transverse	West Taylor Street	Relocate
Storm Drain Pump Station	City of San Jose	3032+39	Transverse	West Taylor Street	Relocate
Electric OH	City of San Jose	3032+47	Transverse	West Taylor Street	Protect in Place
Storm Drain	City of San Jose	3032+53	Transverse	West Taylor Street	Relocate
Electric OH	City of San Jose	3032+58	Transverse	West Taylor Street	Protect in Place
Electric OH	PG&E	3032+73	Transverse	West Taylor Street	Relocate
Electric OH	PG&E	3030+50 to 3036+40	Longitudinal	West Taylor Street	Relocate
Transmission Pole	PG&E	3033+00	Transverse	West Taylor Street	Relocate
Electric OH	PG&E	3033+00	Transverse	West Taylor Street	Relocate
Electric OH	PG&E	3033+00 to 3036+40	Longitudinal	West Taylor Street	Relocate
Fiber Optic	Unknown	3034+29	Transverse	n/a	Protect in Place
Sanitary Sewer	City of San Jose	3044+43	Transverse	n/a	Protect in Place
Potable Water	City of San Jose	3046+37	Transverse	n/a	Protect in Place
Potable Water	City of San Jose	3046+45	Transverse	n/a	Protect in Place
Storm Drain	City of San Jose	3046+53	Transverse	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Sanitary Sewer	City of San Jose	3046+61	Transverse	n/a	Protect in Place
Gas	Unknown	3046+69	Transverse	n/a	Protect in Place
Potable Water	City of San Jose	3046+80	Transverse	n/a	Protect in Place
Oil	Unknown	3046+90	Transverse	n/a	Protect in Place
Telecomm UG	Unknown	3046+90	Transverse	n/a	Protect in Place
Oil	Unknown	3046+91	Transverse	n/a	Protect in Place
Electric UG	Unknown	3047+24	Transverse	n/a	Protect in Place
Electric UG	Unknown	3047+38	Transverse	n/a	Protect in Place
Telecomm UG	Unknown	3047+55	Transverse	n/a	Protect in Place
Telecomm UG	Unknown	3047+70	Transverse	n/a	Protect in Place
Electric UG	Unknown	3049+80	Transverse	n/a	Protect in Place
Fiber Optic	Unknown	3050+50 to 3053+50	Longitudinal	Lenzen Avenue	Relocate
Electric UG	Unknown	3050+50 to 3053+50	Longitudinal	Lenzen Avenue	Relocate
Electric OH	Unknown	3050+75	Transverse	Lenzen Avenue	Protect in Place
Electric UG	Unknown	3050+77	Transverse	Lenzen Avenue	Protect in Place
Telecomm UG	Unknown	3050+80	Transverse	Lenzen Avenue	Protect in Place
Gas	Unknown	3050+82	Transverse	Lenzen Avenue	Protect in Place
Potable Water	City of San Jose	3051+18	Transverse	Lenzen Avenue	Protect in Place
Gas	PG&E	3057+33	Transverse	Cinnabar	Protect in Place
Fiber Optic	Unknown	3057+40	Transverse	Cinnabar Street	Protect in place
Electric UG	PG&E	3057+41	Transverse	Cinnabar Street	Protect in Place
Potable Water	City of San Jose	3057+50	Transverse	Cinnabar Street	Protect in Place
Gas	PG&E	3057+53	Transverse	Cinnabar Street	Protect in Place
Storm Drain	City of San Jose	3057+60	Transverse	Cinnabar Street	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Sanitary Sewer	City of San Jose	3057+65	Transverse	Cinnabar Street	Protect in Place
Fiber Optic	Unknown	3065+66 to 3124+00	Longitudinal	n/a	Relocate
Fiber Optic	Unknown	3065+73	Transverse	West Julian Street	Protect in Place
Sanitary Sewer	City of San Jose	3065+81	Transverse	West Julian Street	Protect in Place
Storm Drain	City of San Jose	3065+89	Transverse	West Julian Street	Protect in Place
Potable Water	Unknown	3066+12	Transverse	West Julian Street	Protect in Place
Fiber Optic	Unknown	3066+16	Transverse	West Julian Street	Protect in Place
Electric UG	PG&E	3066+17	Transverse	West Julian Street	Protect in Place
Fiber Optic	Level 3 Communication	3066+17 to 3096+91	Longitudinal	Park Road	Relocate
Electric OH & Telecomm OH on Joint Pole	PG&E & Unknown	3066+23	Transverse	West Julian Street	Protect in Place
Sanitary Sewer	City of San Jose	3066+50	Transverse	West Julian Street	Protect in Place
Potable Water	Unknown	3077+19	Transverse	West Santa Clara Street	Protect in Place
Storm Drain	City of San Jose	3077+25	Transverse	West Santa Clara Street	Protect in Place
Sanitary Sewer	City of San Jose	3077+63	Transverse	West Santa Clara Street	Protect in Place
Fiber Optic	Unknown	3077+67	Transverse	West Santa Clara Street	Protect in Place
Storm Drain	City of San Jose	3077+70	Transverse	West Santa Clara Street	Protect in Place
Fiber Optic	Level 3 Communication	3096+80 to 3108+66	Longitudinal	Park Road	Protect in Place
Fiber Optic	Level 3 Communication/ AboveNet	3096+86	Transverse	Park Road	Protect in Place
Fiber Optic	Level 3 Communication	3097+28	Transverse	Park Road	Protect in Place
Fiber Optic	AT&T	3097+92	Transverse	Park Road	Protect in Place
Fiber Optic	Level 3 Communication/ AboveNet/Time Warner	3097+92	Transverse	Park Road	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Storm Drain	City of San Jose	3098+59	Transverse	Park Road	Protect in Place
Sanitary Sewer	City of San Jose	3098+73	Transverse	Park Road	Protect in Place
Electric OH	PG&E	3108+74	Transverse	West San Carlos Street	Protect in Place
Electric OH & Telecomm OH on Joint Pole	PG&E	3114+23	Transverse	Auzerais Avenue	Relocate
Electric OH	PG&E	3122+37	Transverse	West Virginia Street	Relocate
Storm Drain	City of San Jose	3129+50 to 3130+50	Longitudinal	Bird Avenue	Protect in Place
Electric OH & Telecomm OH on Joint Pole	Unknown	3143+86	Transverse	Delmas Avenue	Relocate
Storm Drain Pump Station	City of San Jose	3144+42	Transverse	Delmas Avenue	Relocate
Storm Drain Pump Station	City of San Jose	3146+17	Transverse	Willow Street	Relocate
Storm Drain Pump Station	City of San Jose	3164+17	Transverse	Willow Street	Relocate
Storm Drain	City of San Jose	3187+92	Transverse	West Alma Avenue	Relocate
Storm Drain Pump Station	City of San Jose	3187+92	Transverse	West Alma Avenue	Relocate
Monterey Corridor					
Storm Drain	City of San Jose	3197+98	Transverse	n/a	Protect in Place
Sanitary Sewer	City of San Jose	3209+97	Transverse	Almaden Road	Relocate
Storm Drain Pump Station	City of San Jose	3210+00	Transverse	Almaden Road	Relocate
Storm Drain	City of San Jose	3211+00	Transverse	Almaden Road	Relocate
Electric OH & Telecomm OH on Joint Pole	Unknown	3246+64	Transverse	Curtner Avenue	Relocate
Natural Gas	PG&E	3247+40	Transverse	Curtner Avenue	Protect in Place
Sanitary Sewer	City of San Jose	3250+26	Transverse	Curtner Avenue	Protect in Place
Electric OH	PG&E	3305+84	Transverse	n/a	Relocate
Fiber Optic	Level 3 Communication/ AT&T/AboveNet	All	Longitudinal	Monterey Road/ Highway	Relocate
Fiber Optic	QWEST/WTG	All	Longitudinal	Monterey Road/ Highway	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	AT&T	All	Longitudinal	Monterey Road/ Highway	Relocate
Fiber Optic	AT&T/MCI/MFN	All	Longitudinal	Monterey Road/Highway	Relocate
Fiber Optic	AT&T	All	Longitudinal	Monterey Road/Highway	Relocate
Fiber Optic	Level 3 Communication/ AboveNet	All	Longitudinal	Monterey Road/Highway	Relocate
Fiber Optic	Sprint/MCI	All	Longitudinal	Monterey Road/Highway	Relocate
Storm Drain	City of San Jose	0337+31	Transverse	Monterey Road	Extend Casing as Needed
Sanitary Sewer	City of San Jose	0337+41	Transverse	Monterey Road	Extend Casing as Needed
Potable Water	San Jose Water Company	0337+67	Transverse	Monterey Road	Extend Casing as Needed
Electric OH	PG&E	0384+43	Transverse	n/a	Relocate
Potable Water	Santa Clara Valley Water District	0401+88	Transverse	Skyway Drive	Protect in Place
Storm Drain	City of San Jose	0429+83	Transverse	Branham Lane	Protect in Place
Sanitary Sewer	City of San Jose	0432+50	Transverse	Branham Lane	Protect in Place
Electric OH	PG&E	0494+72	Transverse	Hayes Avenue	Relocate
Sanitary Sewer	City of San Jose	0497+58	Transverse	Endicott Boulevard	Protect in Place
Electric OH	PG&E	0549+92	Transverse	Flintwell Way	Relocate
Electric OH	PG&E	0550+04	Transverse	Flintwell Way	Relocate
Storm Drain	City of San Jose	0550+26	Transverse	Flintwell Way	Protect in Place
Electric OH	PG&E	0574+19	Transverse	n/a	Relocate
Fiber Optic	Level 3 Communications/ AboveNet	0575+32	Transverse	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	AT&T/MCI/MFN	0582+86	Transverse	n/a	Protect in Place
Fiber Optic	AT&T	0583+19	Transverse	n/a	Protect in Place
Morgan Hill to Gilroy					
Potable Water	Santa Clara Valley Water District	0676+62	Transverse	Metcalf Road	Protect in Place
Electric OH	PG&E	0696+71	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0696+79	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0697+26	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0701+92	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0702+22	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0702+76	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0702+94	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0703+36	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0703+58	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0704+10	Transverse	Monterey Road	Protect in Place
Electric OH	PG&E	0704+35	Transverse	Monterey Road	Protect in Place
Natural Gas	CPN Pipeline Company	0720+44	Transverse	Blanchard Road	Protect in Place
Track Drainage Pump Station	CA High-Speed Rail	0723+76	Transverse	n/a	New
Track Drainage Pump Station	CA High-Speed Rail	0749+76	Transverse	n/a	New
Groundwater Pump Station	City of San Jose/San Jose Municipal Water System	755+00	Longitudinal/ Transverse	Bailey Avenue	Relocate
Electric OH	Unknown	0756+95	Transverse	n/a	Relocate
Natural Gas	PG&E	0757+37	Transverse	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Groundwater Pump Station	City of San Jose/San Jose Municipal Water System	765+00	Longitudinal/ Transverse	Bailey Avenue	Relocate
Storm Drain	City of San Jose	0764+19 to 0776+75	Longitudinal	n/a	Relocate
Drainage Facility	City of San Jose	0764+73	Transverse	n/a	Relocate
Groundwater Pump Station	City of San Jose/San Jose Municipal Water System	770+00	Longitudinal/ Transverse	Bailey Avenue	Relocate
Drainage Facility	City of San Jose	0770+77	Transverse	n/a	Relocate
Drainage Facility	City of San Jose	0776+75	Transverse	n/a	Relocate
Electric OH	Unknown	0782+61	Transverse	Bailey Avenue	Relocate
Track Drainage Pump Station	CA High-Speed Rail	0843+00	Transverse	n/a	New
Electric OH	Unknown	0864+13	Transverse	n/a	Relocate
Electric OH	Unknown	0869+54	Transverse	n/a	Relocate
Track Drainage Pump Station	CA High-Speed Rail	0888+27	Transverse	n/a	New
Electric OH	PG&E	0930+83	Transverse	Barnhart Avenue	Protect in Place
Electric OH	PG&E	0932+00	Transverse	Barnhart Avenue	Protect in Place
Electric OH	PG&E	0932+56	Transverse	Barnhart Avenue	Protect in Place
Electric OH	PG&E	0932+84	Transverse	Barnhart Avenue	Protect in Place
Electric OH & Telecomm OH on Joint Pole	Unknown & Verizon	0936+78	Transverse	Miramonte Avenue	Relocate
Electric OH	PG&E	0955+82	Transverse	n/a	Relocate
Track Drainage Pump Station	CA High-Speed Rail	0966+19	Transverse	n/a	New
Potable Water	Unknown	1006+84	Transverse	n/a	Protect in Place
Telecomm UG	Verizon	1029+91	Transverse	Burnett Avenue	Protect in Place
Storm Drain	City of Morgan Hill	1063+36	Transverse	Cochrane Circle	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Fiber Optic	AT&T	1064+08	Transverse	n/a	Protect in Place
Fiber Optic	AT&T	1064+08 to 1075+86	Longitudinal	Old Monterey Road	Relocate
Electric OH	PG&E	1064+76	Transverse	n/a	Relocate
Storm Drain Pump Station	City of Morgan Hill	1087+18	Transverse	Monterey Road	Relocate
Storm Drain Pump Station	City of Morgan Hill	1111+85 to 1152+54	Longitudinal	n/a	Relocate
Sanitary Sewer	City of Morgan Hill	1111+85 to 1153+00	Longitudinal	n/a	Relocate
Electric OH & Telecomm OH on Joint Pole	Unknown	1122+36	Transverse	East Central Avenue	Relocate
Telecomm UG	Verizon	1132+37	Transverse	Main Avenue	Protect in Place
Telecomm UG	Verizon	1153+00	Transverse	Diana Avenue	Protect in Place
Natural Gas	PG&E	1153+23	Transverse	Diana Avenue	Remove
Electric OH	PG&E	1153+28	Transverse	Diana Avenue	Relocate
Drinking Water Well	City of Morgan Hill	1153+50	Longitudinal	Diana Avenue	Relocate
Fiber Optic	Verizon	1157+59	Transverse	East Dunne Avenue	Protect in Place
Sanitary Sewer	City of Morgan Hill	1158+50 to 1209+29	Longitudinal	Railroad Avenue	Relocate
Electric OH	Unknown	1174+00 to 1235+00	Longitudinal	Railroad Avenue	Relocate
Electric OH & Telecomm OH on Joint Pole	Unknown	1175+15	Transverse	San Pedro Avenue	Relocate
Electric OH & Telecomm OH on Joint Pole	Unknown	1184+23	Transverse	n/a	Relocate
Telecomm UG	Verizon	1207+31 to 1210+77	Longitudinal	Tennant Avenue	Relocate
Sanitary Sewer	Unknown	1209+15	Transverse	Tennant Avenue	Protect in Place
Telecomm UG	Verizon	1209+43	Transverse	Tennant Avenue	Protect in Place
Electric OH	PG&E	1209+51	Transverse	Tennant Avenue	Relocate
Track Drainage Pump Station	CA High-Speed Rail	1275+83	Transverse	n/a	New
Electric OH	PG&E	1277+93	Transverse	East Middle Avenue	Relocate
Electric OH & Telecomm OH on Joint Pole	Unknown	1330+83	Transverse	East Middle Avenue	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH & Telecomm OH on Joint Pole	Unknown	1344+88	Transverse	East San Martin Avenue	Relocate
Track Drainage Pump Station	CA High-Speed Rail	1360+00	Transverse	n/a	New
Electric OH & Telecomm OH on Joint Pole	Unknown	1413+96	Transverse	Church Avenue	Relocate
Natural Gas	PG&E	1414+03	Transverse	Church Avenue	Protect in Place
Electric OH & Telecomm OH on Joint Pole	PG&E & Verizon	1435+23	Transverse	n/a	Relocate
Telecomm OH	Verizon	1440+70	Transverse	n/a	Relocate
Electric OH & Telecomm OH on Joint Pole	PG&E & Verizon	1448+41	Transverse	n/a	Relocate
Electric OH & Telecomm OH on Joint Pole	PG&E & Verizon	1460+27	Transverse	Masten Avenue	Relocate
Electric OH & Telecomm OH on Joint Pole	PG&E & Verizon	1476+00	Transverse	n/a	Relocate
Electric OH & Telecomm OH on Joint Pole	PG&E & Verizon	1483+19	Transverse	Rucker Avenue	Relocate
Electric OH & Telecomm OH on Joint Pole	PG&E & Verizon	1510+61	Transverse	Denio Avenue	Relocate
Telecomm OH	Verizon	1517+60	Transverse	Buena Vista Avenue	Relocate
Electric OH	PG&E	1518+65	Transverse	Buena Vista Avenue	Relocate
Electric OH	PG&E	1519+54	Transverse	Buena Vista Avenue	Relocate
Electric OH	PG&E	1530+26	Transverse	Day Road	Relocate (Raise)
Electric OH	PG&E	1530+44	Transverse	Day Road	Relocate (Raise)
Electric OH	PG&E	1530+54	Transverse	Day Road	Relocate
Electric OH & Telecomm OH on Joint Pole	PG&E & Verizon	1545+03	Transverse	Cohansey Avenue	Relocate
Electric OH	PG&E	1556+76	Transverse	Farrell Avenue	Relocate
Potable Water	City of Gilroy	1564+73	Transverse	Las Animas Road	Protect in Place
Telecomm UG	Verizon	1564+82	Transverse	Las Animas Avenue	Protect in Place
Telecomm UG	Unknown	1566+57	Transverse	Las Animas Avenue	Protect in Place
Potable Water	City of Gilroy	1604+95	Transverse	Leavesley Road	Protect in Place
Sanitary Sewer	City of Gilroy	1605+02	Transverse	Leavesley Road	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH & Telecomm OH on Joint Pole	PG&E & Verizon	1609+59	Transverse	Casey Lane	Relocate
Potable Water	Unknown	1609+86	Transverse	Casey Lane	Protect in Place
Potable Water	Unknown	1631+53	Transverse	Loof Avenue	Relocate
Potable Water	Unknown	1643+23	Transverse	Lewis Street	Protect in Place
Electric OH	Unknown	1643+46	Transverse	Lewis Street	Relocate
Telecomm UG	Verizon	1648+26	Transverse	Martin Street	Protect in Place
Telecomm OH	Verizon	1649+00	Transverse	Martin Street	Relocate
Potable Water	Unknown	1649+14	Transverse	Martin Street	Protect in Place
Electric OH	Unknown	1649+39	Transverse	Martin Street	Relocate
Potable Water	City of Gilroy	1654+23	Transverse	East 6 th Street	Protect in Place
Storm Drain	City of Gilroy	1655+25	Transverse	n/a	Relocate
Electric OH	PG&E	1673+28	Transverse	East 9 th Street	Relocate
Potable Water	Unknown	1673+52	Transverse	East 9 th Street	Remove
Potable Water	City of Gilroy	1679+31	Transverse	East 10 th Street	Relocate
Drainage Channel	City of Gilroy	1698+37	Transverse	Princevalle Channel	Extend
Recycled Water	Santa Clara Valley Water District	1698+60	Transverse	Princevalle Channel	Protect in Place
Electric OH & Telecomm OH on Joint Pole	PG&E & Verizon	1715+00	Transverse	Luchessa Avenue	Relocate
Potable Water	City of Gilroy	1715+13	Transverse	Luchessa Avenue	Protect in Place
Sanitary Sewer	City of Gilroy	1715+62	Transverse	Luchessa Avenue	Protect in Place
Electric OH & Telecomm OH on Joint Pole	Unknown	1788+73	Transverse	Carnadero Avenue	Remove
Fiber Optic	Level 3 Communications/ AboveNet	1794+45	Transverse	n/a	Protect in Place
Fiber Optic	Sprint/MCI	1796+91	Transverse	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	1798+78	Transverse	n/a	Relocate (Raise)
Electric OH	PG&E	1798+94	Transverse	n/a	Relocate (Raise)
Electric OH	Unknown	1824+65	Transverse	n/a	Relocate
Telecomm OH	Verizon	1841+42	Transverse	Bloomfield Avenue	Relocate
Electric OH & Telecomm OH on Joint Pole	Unknown	1841+81	Transverse	Bloomfield Avenue	Relocate
Electric OH	Unknown	1865+62	Transverse	n/a	Relocate
Electric OH & Telecomm OH on Joint Pole	Unknown	1871+66	Transverse	Sheldon Avenue	Remove
Irrigation Ditch	Unknown	1884+31	Transverse	n/a	Realign
Irrigation Ditch	Unknown	1890+28	Transverse	n/a	Realign
Electric & Telecomm OH on Joint Pole	Unknown	2188+94	Transverse	Lovers Lane	Relocate
Electric & Telecomm OH on Joint Pole	PG&E & Unknown	2228+14	Transverse	San Felipe Road	Relocate
Electric OH	PG&E	2372+38	Transverse	n/a	Relocate
Natural Gas	PG&E	2193+10	Transverse	n/a	Protect in Place
Potable Water	Department of Water Resources	2220+00 to 2231+00	Longitudinal	n/a	Protect in Place
Potable Water	U.S. Department of the Interior, Bureau of Reclamation	2287+50	Transverse	n/a	Protect in Place
Electric & Telecomm OH on Joint Pole	n/a	2044+46	Transverse	Frazier Lake Road	Relocate
Electric OH	PG&E	2094+00	Transverse	n/a	Relocate
Natural Gas	PG&E	2107+75	Transverse	Lake Road	Protect in Place
Pacheco Pass Subsection					
Electric OH	n/a	4046+79	Transverse	n/a	Relocate
Electric OH	PG&E	4251+64	Transverse	n/a	Relocate
Gas	Shell	4285+00	Transverse	Delta Mendota Canal	Abandon

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation Ditch	n/a	4366+26	Transverse	Santa Nella Road/ SR-33	Relocate
Electric & Telcom OH on Joint Pole	n/a	4366+50	Transverse	Santa Nella Road/ SR-33	Relocate
Electric OH	n/a	4372+43	Transverse	CCID Main Canal	Relocate
Irrigation Ditch	n/a	4372+52	Transverse	CCID Main Canal	Relocate
Electric OH	n/a	4372+52 to 4375+50	Longitudinal	n/a	Relocate
Potable Water	U.S. Department of the Interior, Bureau of Reclamation	3270+50 to 3305+00	Longitudinal and Transverse	n/a	Relocate
Electric OH	PG&E	3666+00	Transverse	SR-152	Protect in Place
Electric OH	PG&E	3686+20	Transverse	n/a	Protect in Place
Electric OH	PG&E	4098+83	Transverse	SR-152	Relocate
Electric OH	PG&E	4177+80	Transverse	n/a	Protect in Place
Electric OH	PG&E	4178+30	Transverse	n/a	Protect in Place
Electric OH	PG&E	4178+70	Transverse	n/a	Protect in Place
Electric OH	PG&E	4179+50	Transverse	n/a	Protect in Place
Electric OH	PG&E	4180+00	Transverse	n/a	Protect in Place
Electric OH	PG&E	4180+50	Transverse	n/a	Protect in Place
Electric OH	PG&E	4182+50	Transverse	n/a	Relocate
San Joaquin Subsection					
Electric OH	PG&E	4183+30	Transverse	n/a	Protect in Place
Electric OH	PG&E	4183+60	Transverse	n/a	Protect in Place
Crude Oil	Shell	4207+50	Transverse	n/a	Protect in Place
Crude Oil	ConocoPhillips	4247+25	Transverse	n/a	Protect in Place
Crude Oil	Chevron	4267+20	Transverse	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	4416+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	4438+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4438+30	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4455+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4462+56	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4463+81	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4512+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	4512+41	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	4532+40	Transverse	n/a	New
Electric OH	PG&E	4568+13	Transverse	n/a	Relocate
Electric OH	PG&E	4595+34	Transverse	Ingomar Grade	Relocate
Oil	Chevron	4595+68	Transverse	Ingomar Grade	Abandon
Electric & Telcom OH on Joint Pole	PG&E	4597+20	Transverse	Ingomar Grade	Relocate
Electric OH	PG&E	4615+00 to 4642+00	Longitudinal	Henry Miller Road	Relocate
Electric OH	PG&E	4622+22	Transverse	Volta Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4622+42	Transverse	Volta Road	New
Irrigation Ditch	Henry Miller Reclamation District	4623+50	Transverse	Volta Road	New

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	4639+70	Transverse	Henry Miller Road	New
Irrigation Ditch	Henry Miller Reclamation District	4645+77 to 4648+93	Longitudinal	Henry Miller Road	New
Irrigation Ditch	Henry Miller Reclamation District	4647+50 to 4648+50	Longitudinal	Henry Miller Road	New
Irrigation Ditch	Henry Miller Reclamation District	4657+50 to 4681+50	Longitudinal	Henry Miller Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4657+54	Transverse	n/a	New
Electric OH	PG&E	4657+81	Transverse	n/a	Relocate
Telecomm OH	PG&E	4660+00 to 4681+00	Longitudinal	n/a	Relocate
PG&E Electric OH	PG&E	4664+50 to 4717+00	Longitudinal	Henry Miller Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4671+77 to 4703+00	Longitudinal	Henry Miller Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4698+66	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	4698+66 to 4703+00	Longitudinal	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4739+50	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4742+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4757+30	Transverse	n/a	Relocate
Telecomm OH	Unknown	4761+34	Transverse	Badger Flat Road	Relocate
Electric OH	PG&E	4761+86	Transverse	Badger Flat Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	4762+00 to 4766+30	Longitudinal	n/a	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Electric OH	PG&E	4780+28	Transverse	Wilson Road	Relocate
Electric & Telecom OH on Joint Pole	PG&E	4798+51	Transverse	Johnson Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4815+38	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	4818+90	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	4833+00	Transverse	Nantes Avenue	New
Irrigation Ditch	Henry Miller Reclamation District	4833+50	Transverse	Nantes Avenue	Realign
Irrigation Ditch	Henry Miller Reclamation District	4833+50 to 4856+20	Longitudinal	Henry Miller Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	4839+90	Transverse	n/a	Realign
Irrigation Ditch	Henry Miller Reclamation District	4856+20	Transverse	SR 165/ Mercey Springs Road	Realign
Electric OH	PG&E	4856+42	Transverse	n/a	Relocate
Electric & Telecom OH on Joint Pole	PG&E	4882+50 to 4888+00	Longitudinal	Henry Miller Road	Relocate
Electric OH	PG&E	4886+00	Transverse	SR 165/Mercey Springs Road	Relocate
Telecomm OH	Unknown	4886+55	Transverse	SR 165/Mercey Springs Road	Relocate
Santa Fe Canal (San Luis Irrigation Drain)	Grassland Water District	4901+50	Transverse	n/a	New

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
San Luis Canal	Grassland Water District	4924+50	Transverse	n/a	New
San Luis Drain No.1	Grassland Water District	4925+25	Transverse	n/a	New
Porter/Blake Bypass Canal	Grassland Water District	4926+50	Transverse	n/a	Realign
Electric OH	PG&E	4966+39	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5006+00	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5031+88	Transverse	n/a	Relocate
Electric OH	PG&E	5032+24	Transverse	n/a	Relocate
Electric OH	PG&E	5055+82	Transverse	n/a	Relocate
Electric OH	PG&E	5060+13	Transverse	Baker Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5063+12	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5071+84	Transverse	n/a	New
Electric & Telecom OH on Joint Pole	PG&E	5095+00 to 5102+30	Longitudinal	Henry Miller Road	Relocate
Electric & Telecom OH on Joint Pole	PG&E	5097+97	Transverse	Delta Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5098+00	Transverse	Delta Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5111+24	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5123+92	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5142+50	Transverse	Midway Road	New

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
West Delta Irrigation Canal & Drain	Henry Miller Reclamation District	5154+30	Transverse	n/a	Extend Culvert
West Delta Irrigation Canal & Drain	Henry Miller Reclamation District	5154+30 to 5159+00	Longitudinal	n/a	Relocate
West Delta Irrigation Canal & Drain	Henry Miller Reclamation District	5159+00 to 5164+00	Longitudinal	n/a	Relocate
Dambrosia Branch #1 Canal	Henry Miller Reclamation District	5169+15	Transverse	n/a	New
Electric OH	PG&E	5177+75	Transverse	Box Car Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5180+75	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5181+07	Transverse	n/a	New
Irrigation Canal	Henry Miller Reclamation District	5195+00 to 5221+00	Longitudinal	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5207+80	Transverse	n/a	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5221+15	Transverse	n/a	Relocate
Delta Canal & Seepage Drain	Henry Miller Reclamation District	5221+50	Transverse	n/a	New RCB Culvert
Irrigation Ditch	Henry Miller Reclamation District	5222+15	Transverse	n/a	New
East Delta Canal	Henry Miller Reclamation District	5229+00	Transverse	n/a	New RCB Culvert
Irrigation Ditch	Henry Miller Reclamation District	5229+50	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5229+50 to 5243+50	Longitudinal	n/a	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	5243+50	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5256+00	Transverse	Turner Island Road	Relocate
Storage Tank	Henry Miller Reclamation District	5256+00	Transverse	Turner Island Road	Relocate
County Road Ditch	Henry Miller Reclamation District	5256+50	Transverse	Turner Island Road	Relocate
Willis Branch	Henry Miller Reclamation District	5257+00	Transverse	Turner Island Road	Relocate
Willis Branch Pump Station Facility	Henry Miller Reclamation District	5257+00	Transverse	Turner Island Road	Relocate
Electric OH	PG&E	5257+17	Transverse	Turner Island Road	Relocate
Belmont Drain	Henry Miller Reclamation District	5261+50 to 5263+00	Longitudinal	Turner Island Road	New RCB Culvert
Irrigation Ditch	Henry Miller Reclamation District	5286+00	Transverse	n/a	New
Irrigation Ditch	Henry Miller Reclamation District	5299+00	Transverse	n/a	New
Delta Canal No.1	Henry Miller Reclamation District	5310+00	Transverse	n/a	New RCB Culvert
PG&E Electric OH	PG&E	5319+00 to 5335+50	Longitudinal	n/a	Relocate
Copper Cable	Verizon	5320+00 to 5335+50	Longitudinal	Henry Miller Road	Relocate
West San Juan Drain	Henry Miller Reclamation District	5321+68	Transverse	n/a	New RCB Culvert
San Juan No.1	Henry Miller Reclamation District	5334+00	Transverse	Carlucci Road	New RCB Culvert
Copper Cable	Verizon	5335+40	Transverse	Carlucci Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above ¹	Existing Roadway Crossing	Disposition
West San Juan Drain	Henry Miller Reclamation District	5335+50	Transverse	Carlucci Road	New RCB Culvert
PG&E Electric OH	PG&E	5336+20	Transverse	Carlucci Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5358+00	Transverse	Carlucci Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5360+00	Transverse	Carlucci Road	Relocate
Irrigation Ditch	Henry Miller Reclamation District	5360+00	Transverse	Carlucci Road	New
San Juan No. 1	Henry Miller Reclamation District	5360+00	Longitudinal and Transverse	Carlucci Road	New RCB Culvert

Source: HNTB 2018c; HNTB 2018d

n/a = not applicable

PG&E = Pacific Gas & Electric Company

CCID = Central California Irrigation District

¹ Longitudinal is defined as a facility located parallel to and within the proposed HSR right-of-way. A transverse facility is one that passes from one side of the proposed HSR right-of-way to the other side of the right-of-way. The designation of "Above" is used for transmission towers that extend above the HSR alignment.

References

HNTB 2018c. Draft_PEPD-AppA-Qty-v6.xls.

HNTB 2018d. Utility Conflict Matrix (Alt 4)