

## **APPENDIX 3.6-A: PUBLIC UTILITIES AND ENERGY FACILITIES**



## APPENDIX 3.6-A: PUBLIC UTILITIES AND ENERGY FACILITIES

**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 <sup>1</sup>	Existing Roadway Crossing	Disposition
<b>San Jose Diridon Station Approach</b>					
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
<b>Monterey Corridor Subsection</b>					
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 <sup>1</sup>	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
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
<b>Morgan Hill and Gilroy Subsection</b>					
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
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 <sup>1</sup>	Existing Roadway Crossing	Disposition
Electric OH	PG&E	0664+00	Transverse	Monterey Road	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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
<b>Pacheco Pass Subsection</b>					
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+00	Transverse	Masten Avenue	Relocate
Electric & Telecomm OH on Joint Pole	PG&E/ Verizon	1526+20	Transverse	Santa Clara Avenue	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	Existing Roadway Crossing	Disposition
Electric OH	PG&E	1723+66	Transverse	East 9 <sup>th</sup> 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



Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>th</sup> Street	Relocate
Fiber Optic	Level 3 Communication/ AboveNet	1725+00 to 1725+00	Longitudinal	East 10 <sup>th</sup> 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
<b>San Joaquin Subsection</b>					
Potable Water	City of Gilroy	1655+10	Transverse	Leavesley Road	Relocate
Potable Water	City of Gilroy	1680+90	Transverse	Loof Avenue	Relocate
Potable Water	City of Gilroy	1693+63 to 1700+71	Longitudinal	Railroad Street	Relocate
Potable Water	City of Gilroy	1704+40	Transverse	East 6 <sup>th</sup> 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 <sup>th</sup> Street	Protect in Place
Potable Water	City of Gilroy	1766+50	Transverse	Luchessa Avenue	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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
Potable Water	U.S. 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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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. 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
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 <sup>1</sup>	Existing Roadway Crossing	Disposition
Crude Oil	Chevron	4267+20	Transverse	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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	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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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
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 <sup>1</sup>	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/Merced Springs Road	Realign
Electric OH	PG&E	4856+42	Transverse	n/a	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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/Merced Springs Road	Relocate
Telecomm OH	Unknown	4886+55	Transverse	SR 165/Merced Springs Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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
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



Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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

<sup>1</sup> 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 <sup>1</sup>	Existing Roadway Crossing	Disposition
<b>San Jose Diridon Station Approach</b>					
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
<b>Monterey Corridor Subsection</b>					
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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
Electric OH	PG&E	0334+50	Transverse	Senter Road	Relocate
Electric OH	PG&E	0334+50 to 0345+50	Longitudinal	Monterey Highway	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	Existing Roadway Crossing	Disposition

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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
<b>Morgan Hill and Gilroy Subsection</b>					
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
Fiber Optic	QWEST/WTG	0694+18 to 0720+00	Longitudinal	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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
Natural Gas	PG&E	0807+75	Transverse	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
Fiber Optic	QWEST/WTG	1104+00 to 1107+00	Longitudinal	Madrone Parkway	Relocate



Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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
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
Sanitary	City of Morgan Hill	1225+00 to 1260+00	Longitudinal	Railroad Avenue/ Tennant Avenue	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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
Pump Station (SD)	n/a	1367+50	n/a	Grade Separation- West San Martin Avenue	New

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	Existing Roadway Crossing	Disposition
Fiber Optic	AT&T	1504+00 to 1535+00	Longitudinal	Monterey Highway	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Electric & Telecomm OH on Joint Pole	Unknown & Verizon	1521+20 to 1526+30	Longitudinal and Transverse	1 <sup>st</sup> 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- Leavesly 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 <sup>th</sup> Street	New
Electric OH	Unknown	1723+66	Transverse	East 9 <sup>th</sup> Street	Relocate
Potable Water	City of Gilroy	1723+92	Transverse	East 9 <sup>th</sup> 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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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- Leavesly 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
Fiber Optic	Level 3 Communications/AboveNet	1703+50 to 1750+00	Longitudinal	East 6 <sup>th</sup> Street/East 7 <sup>th</sup> Street/East 9 <sup>th</sup> Street/ East 10 <sup>th</sup> Street	Relocate
Potable Water	City of Gilroy	1704+40	Transverse	East 6 <sup>th</sup> Street	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Pump Station (SD)	n/a	1705+00	n/a	Grade Separation- East 6 <sup>th</sup> Street	New
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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 <sup>th</sup> Street	New
Pump Station (SD)	n/a	1729+00	n/a	Grade Separation- 10 <sup>th</sup> street	New
Potable Water	City of Gilroy	1729+50	Transverse	East 10 <sup>th</sup> 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
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



Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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. 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 <sup>1</sup>	Existing Roadway Crossing	Disposition
Potable Water	U.S. 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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Electric OH	PG&E	4180+50	Transverse	n/a	Protect in Place
Electric OH	PG&E	4182+50	Transverse	n/a	Relocate
<b>Pacheco Pass Subsection</b>					
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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	Existing Roadway Crossing	Disposition
<b>San Joaquin Subsection</b>					
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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
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 <sup>1</sup>	Existing Roadway Crossing	Disposition
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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

<sup>1</sup> 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 <sup>1</sup>	Existing Roadway Crossing	Disposition
<b>San Jose Diridon Station Approach</b>					
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
<b>Monterey Corridor Subsection</b>					
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



Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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
Fiber Optic	AT&T	0450+00 to 0510+00	Longitudinal	Monterey Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
<b>Morgan Hill and Gilroy Subsection</b>					
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 <sup>1</sup>	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
Natural Gas	CPN Pipeline Company	0682+70	Transverse	Blanchard Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
Electric OH	Unknown	1120+00	Transverse	Diana Avenue	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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
Electric & Telecomm OH on Joint Pole	n/a	1798+00	Transverse	SR 152	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 <sup>1</sup>	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. 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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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. 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 <sup>1</sup>	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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
<b>Pacheco Pass Subsection</b>					
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 <sup>1</sup>	Existing Roadway Crossing	Disposition

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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
<b>San Joaquin Subsection</b>					
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 <sup>1</sup>	Existing Roadway Crossing	Disposition



Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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/Merced 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/Merced Springs Road	Relocate
Telecomm OH	Unknown	4886+55	Transverse	SR 165/Merced 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
Irrigation Ditch	Henry Miller Reclamation District	5098+00	Transverse	Delta Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	5111+24	Transverse	n/a	New
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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 <sup>1</sup>	Existing Roadway Crossing	Disposition
Storage Tank	Henry Miller Reclamation District	5256+00	Transverse	Turner Island Road	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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

<sup>1</sup> 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 <sup>1</sup>	Existing Roadway Crossing	Disposition
<b>San Jose Diridon Station Approach</b>					
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
<b>Monterey Corridor</b>					
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Fiber Optic	Unknown	2934+95	Transverse	n/a	Protect in Place
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Fiber Optic	Unknown	3019+33	Transverse	Stockton Avenue/College Park Station	Relocate
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
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
Transmission Pole	PG&E	3033+00	Transverse	West Taylor Street	Relocate
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
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
Sanitary Sewer	City of San Jose	3046+61	Transverse	n/a	Protect in Place
Gas	Unknown	3046+69	Transverse	n/a	Protect in Place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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+38	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
<b>Morgan Hill and Gilroy Subsection</b>					
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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
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



Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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	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
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
<b>Monterey Corridor</b>					
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
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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Natural Gas	PG&E	0757+37	Transverse	n/a	Protect in Place
Drainage Facility	City of San Jose	0764+73	Transverse	n/a	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
Electric OH	Unknown	0864+13	Transverse	n/a	Relocate
Electric OH	Unknown	0869+54	Transverse	n/a	Relocate
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
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
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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Electric OH	PG&E	1153+28	Transverse	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
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
Electric OH & Telecomm OH on Joint Pole	Unknown	1344+88	Transverse	East San Martin Avenue	Relocate
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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	1604+95	Transverse	Leavesley Road	Protect in Place
Sanitary Sewer	City of Gilroy	1605+02	Transverse	Leavesley Road	Protect in Place
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 <sup>th</sup> Street	Protect in Place
Electric OH	PG&E	1673+28	Transverse	East 9 <sup>th</sup> Street	Relocate
Potable Water	Unknown	1673+52	Transverse	East 9 <sup>th</sup> Street	Remove
Potable Water	City of Gilroy	1679+31	Transverse	East 10 <sup>th</sup> Street	Relocate
<b>Pacheco Pass Subsection</b>					
Drainage Channel	City of Gilroy	1698+37	Transverse	Princevalle Channel	Extend

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
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
Fiber Optic	Level 3 Communications/ AT&T/AboveNet	All	Longitudinal	Monterey Road/ Highway	Relocate
Fiber Optic	QWEST/WTG	All	Longitudinal	Monterey Road/ Highway	Relocate
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Fiber Optic	Level 3 Communications/ AboveNet	All	Longitudinal	Monterey Road/ Highway	Relocate
Fiber Optic	Sprint/MCI	All	Longitudinal	Monterey Road/ Highway	Relocate
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. Bureau of Reclamation	2287+50	Transverse	n.a	Protect in Place
Electric OH	PG&E	3030+30 to 3033+00	Longitudinal	West Taylor Street	Relocate
Electric OH	City of San Jose	3032+47	Transverse	West Taylor Street	Protect in Place
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
Electric OH & Telecomm OH on Joint Pole	PG&E & Unknown	3022+63	Transverse	Emory Street	Protect in Place
Electric UG	Unknown	3047+24	Transverse	n/a	Protect in Place
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
<b>Monterey Corridor Subsection</b>					
Fiber Optic	Unknown	3018+13	Transverse	Stockton Avenue/College Park Station	Protect in Place
Fiber Optic	Unknown	3031+00 to 3042+00	Longitudinal	n/a	Relocate
Fiber Optic	Level 3 Communication/ AT&T/AboveNet	All	Longitudinal	Monterey Road/ Highway	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Fiber Optic	QWEST/WTG	All	Longitudinal	Monterey Road/ Highway	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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
Gas	PG&E	3022+38	Transverse	Emory Street	Protect in Place
Gas	PG&E	3022+55	Transverse	Emory Street	Protect in Place
Gas	PG&E	3057+33	Transverse	Cinnabar	Protect in Place
Oil	Unknown	3046+91	Transverse	n/a	Protect in Place
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
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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	City of San Jose	3077+ 70	Transverse	West Santa Clara Street	Protect in Place
<b>Morgan Hill and Gilroy Subsection</b>					
Storm Drain Pump Station	City of San Jose	3032+39	Transverse	West Taylor Street	Relocate
Storm Drain Pump Station	City of San Jose	3146+17	Transverse	Willow Street	Relocate



Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Telecomm UG	Unknown	3047+55	Transverse	n/a	Protect in Place
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Electric OH	Unknown	0756+95	Transverse	n/a	Relocate
Natural Gas	PG&E	1153+23	Transverse	Diana Avenue	Remove
Potable Water	San Jose Water Company	0337+67	Transverse	Monterey Road	Extend Casing as Needed
Potable Water	City of Gilroy	1564+73	Transverse	Las Animas Road	Protect in Place
Sanitary Sewer	City of Morgan Hill	1111+85 to 1153+00	Longitudinal	n/a	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Storm Drain	City of San Jose	0764+19 to 0776+75	Longitudinal	n/a	Relocate
Storm Drain	City of Gilroy	1655+25	Transverse	n/a	Relocate
Telecomm UG	Verizon	1564+82	Transverse	Las Animas Avenue	Protect in Place
Telecomm UG	Unknown	1566+57	Transverse	Las Animas Avenue	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
Track Drainage Pump Station	CA High-Speed Rail	0843+00	Transverse	n/a	New
Track Drainage Pump Station	CA High-Speed Rail	0888+27	Transverse	n/a	New
Track Drainage Pump Station	CA High-Speed Rail	0966+19	Transverse	n/a	New
Track Drainage Pump Station	CA High-Speed Rail	1275+83	Transverse	n/a	New
Track Drainage Pump Station	CA High-Speed Rail	1360+00	Transverse	n/a	New
Electric & Telecomm OH on Joint Pole	n/a	2044+46	Transverse	Frazier Lake Road	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Electric OH	PG&E	2094+00	Transverse	n/a	Relocate
Natural Gas	PG&E	2107+75	Transverse	Lake Road	Protect in Place
<b>Pacheco Pass Subsection</b>					
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	
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. 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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
<b>San Joaquin Subsection</b>					
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
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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
Telecomm OH	Unknown	4761+34	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	Longitudinal	n/a	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
Irrigation Ditch	Henry Miller Reclamation District	5098+00	Transverse	Delta Road	Relocate
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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 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

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
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



Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse/ Above <sup>1</sup>	Existing Roadway Crossing	Disposition
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
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

<sup>1</sup> 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)