

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



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

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

- The provider of a sanitary sewer system in the Mountain View to Santa Clara Subsection was corrected.
- Missing major utility lines within the public utilities resource study area in the City of Santa Clara were added.
- Table note #2 was added to define the abbreviations used for Alternative B viaduct options.

**Table 1 Existing Major Utilities and Energy Facilities within the Public Utilities and Energy Resource Study Areas**

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
<b>San Francisco to South San Francisco Subsection</b>								
Electrical	PG&E	115+82	Transverse	6th Street	X	X	X	Protect in place
Electrical	PG&E	116+23	Transverse	6th Street	X	X	X	Protect in place
Storm Drain	Unknown	116+51	Transverse	SF Caltrain Yard	X	X	X	Protect in place
Storm Drain	Unknown	116+70	Transverse	SF Caltrain Yard	X	X	X	Protect in place
Gas	PG&E	117+63	Transverse	6th Street	X	X	X	Protect in place
Storm Drain	Unknown	117+73	Transverse	6th Street	X	X	X	Protect in place
Gas	PG&E	118+12	Transverse	6th Street	X	X	X	Protect in place
Electrical	PG&E	128+29	Transverse	Berry Street	X	X	X	Protect in place
Storm Drain	Unknown	129+58	Transverse	Berry Street	X	X	X	Protect in place
Storm Drain	City of San Francisco	130+00	Transverse	Berry Street	X	X	X	Protect in place
Telecommunication	Unknown	241+00 to 248+00	Longitudinal	NA	X	X	X	Relocate
Electrical	Unknown	242+65	Transverse	Selby Street	X	X	X	Protect in place
Gas	PG&E	255+36	Transverse	Quint Street	X	X	X	Protect in place
Electrical	PG&E	255+80	Transverse	Quint Street	X	X	X	Protect in place
Telecommunication	Unknown	256+21 to 259+71	Longitudinal	Quint Street/Newcomb Street	X	X	X	Protect in place
Storm drain	Unknown	259+83	Transverse	Newcomb Avenue	X	X	X	Protect in place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Storm drain	Unknown	303+07	Transverse	Egbert Avenue	X	X	X	Protect in place
Storm drain	Unknown	304+00	Transverse	Egbert Avenue	X	X	X	Protect in place
Electrical	Unknown	314+50 to 315+67	Longitudinal	Caltrain Corridor	X	X	X	Relocate
Gas	Unknown	315+97	Transverse	Paul Ave	X	X	X	Protect in place
Electrical	Unknown	316+24	Transverse	Paul Ave	X	X	X	Relocate
Storm Drain	Unknown	316+32	Transverse	Paul Ave	X	X	X	Protect in place
Gas	PG&E	316+49	Transverse	Paul Ave	X	X	X	Protect in place
Water	Cal Water	364+17	Transverse	Sunset Scavenger Area	X			Protect in place
Gas	PG&E	364+27	Transverse	Sunset Scavenger Area	X			Protect in place
Electrical	PG&E	365+19	Transverse	Sunset Scavenger Area	X			Protect in place
Gas	PG&E	365+50	Transverse	Sunset Scavenger Area	X			Protect in place
Electrical	PG&E	365+71	Transverse	Sunset Scavenger Area	X			Protect in place
Storm Drain	Unknown	366+05	Transverse	Sunset Scavenger Area	X			Protect in place
Storm Drain	Unknown	366+49	Transverse	Sunset Scavenger Area	X			Protect in place
Telecommunication	Unknown	367+00 to 395+00	Longitudinal	Bayshore Station/Sunset Scavenger Area	X	X	X	Relocate
Sanitary Sewer	Unknown	367+17	Transverse	Sunset Scavenger Area	X	X	X	Protect in place
Storm Drain	Unknown	369+00 to 379+00	Longitudinal	Sunset Scavenger Area		X	X	Relocate
Storm Drain	Unknown	369+00 to 379+00	Longitudinal	Sunset Scavenger Area		X	X	Relocate
Storm Drain	Unknown	370+12	Transverse	Sunset scavenger area	X	X	X	Protect in place
Telecommunication	Unknown	370+50	Longitudinal	Sunset Scavenger Area		X	X	Protect in place
Storm Drain	Unknown	370+84	Transverse	Sunset scavenger area	X	X	X	Protect in place
Electrical	Unknown	380+00	Transverse	Sunset scavenger area	X	X	X	Relocate
Fuel	Southern Pacific Pipe Line	420+23	Transverse	Off street	X			Protect in place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
						X	X	Relocate
Water	Unknown	420+43	Transverse	Off street	X			Protect in place
						X	X	Relocate
Drainage	Unknown	422+66	Transverse	Off street	X	X	X	Relocate
Telecommunication	Unknown	439+00 to 440+25	Longitudinal	Tunnel Avenue overpass		X	X	Relocate
Fuel	Southern Pacific Pipe Line/ Kinder Morgan	439+50	Transverse	Relocated Tunnel Avenue overpass	X	X	X	Protect in place
Fuel	Southern Pacific Pipe Line/ Kinder Morgan	439+50	Transverse	Relocated Tunnel Avenue overpass	X	X	X	Protect in place
Fuel	Southern Pacific Pipe Line/ Kinder Morgan	439+50	Transverse	Relocated Tunnel Avenue overpass	X			Protect in place
						X	X	Relocate
Fuel	Southern Pacific Pipe Line/ Kinder Morgan	439+50	Transverse	Relocated Tunnel Avenue overpass	X			Protect in place
						X	X	Relocate
Telecommunication	Unknown	444+15 to 465+65	Longitudinal	Tunnel Avenue	X	X	X	Relocate
Fuel	Southern Pacific Pipe Line/ Kinder Morgan	445+00 to 481+00	Longitudinal	Caltrain corridor	X	X	X	Relocate
Fuel	Southern Pacific Pipe Line/ Kinder Morgan	445+00 to 481+00	Longitudinal	Tunnel Avenue	X	X	X	Relocate
Electrical	Unknown	458+78 to 472+00	Longitudinal	Bayshore Boulevard		X	X	Protect in place
					X			Relocate
Fuel	Southern Pacific Pipe Line/ Kinder Morgan	516+43 to 523+73	Longitudinal	NA	X			Protect in place
Fuel	Southern Pacific Pipe Line/ Kinder Morgan	516+43 to 523+73	Longitudinal	NA	X			Protect in place
Sanitary Sewer	Unknown	583+63	Transverse	NA	X	X	X	Protect in place
Storm Drain	Unknown	585+23	Transverse	South San Francisco Station	X	X	X	Protect in place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Telecommunication	Unknown	590+00 to 600+00	Longitudinal	South San Francisco Station	X	X	X	Protect in place
Storm Drain	Unknown	592+50	Transverse	NA	X	X	X	Protect in place
Storm Drain	City of South San Francisco	594+80	Transverse	Grand Avenue	X	X	X	Relocate
Gas	PG&E	595+00	Transverse	Grand Avenue	X	X	X	Relocate
Water	Unknown	596+52	Transverse	Grand Avenue	X	X	X	Protect in place
Gas	Unknown	596+57	Transverse	Grand Avenue	X	X	X	Protect in place
Electrical	Unknown	596+60	Transverse	Grand Avenue	X	X	X	Protect in place
Electrical	Unknown	596+64	Transverse	Grand Avenue	X	X	X	Protect in place
<b>San Bruno to San Mateo Subsection</b>								
Telecommunication	MCI	777+43	Longitudinal	Caltrain Corridor	X	X	X	Protect in place
Water	Cal Water	778+43	Transverse	Center Street	X	X	X	Protect in place
Telecommunication	SBC	778+98	Transverse	Center Street	X	X	X	Protect in place
Water	Cal Water	780+69	Transverse	Cedar Street	X	X	X	Protect in place
Storm Drain	Unknown	780+80	Transverse	Cedar Street	X	X	X	Protect in place
Gas	PG&E	780+92	Transverse	Cedar Street	X	X	X	Protect in place
Storm Drain	Unknown	781+03	Transverse	Cedar Street	X	X	X	Protect in place
Electrical	PG&E	800+00	Transverse	Hermosa Avenue	X	X	X	Protect in place
Sanitary Sewer	Unknown	800+27	Transverse	Hermosa Avenue	X	X	X	Protect in place
Telecommunication	Unknown	800+31 to 861+39	Longitudinal	NA	X	X	X	Relocate
Telecommunication	Unknown	804+50 to 860+70	Longitudinal	NA	X	X	X	Relocate
Telecommunication	Unknown	804+50 to 853+50	Longitudinal	NA	X	X	X	Relocate
Electrical	PG&E	805+88 to 819+00	Longitudinal/ Transverse	NA	X	X	X	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Water	Cal Water	807+57	Transverse	Hillcrest Boulevard	X	X	X	Protect in place
Water	Cal Water	817+75	Transverse	Off Street	X	X	X	Protect in place
Sanitary Sewer	Unknown	817+85	Transverse	Off Street	X	X	X	Extend
Storm drain	Unknown	817+98	Unknown	Millbrae Station	X	X	X	Protect in place
Telecommunication	Unknown	818+18	Transverse	Off Street	X	X	X	Protect in place
Telecommunication	Unknown	818+22	Transverse	Off Street	X	X	X	Protect in place
Electrical	PG&E	818+23	Transverse	Off Street	X	X	X	Protect in place
Storm drain	Unknown	818+47	Transverse	Millbrae Station	X	X	X	Extend
Drainage	Unknown	818+50	Longitudinal	Millbrae Station	X	X	X	Relocate
Storm drain	City of Burlingame	823+83	Transverse	Murchison Drive/El Portal Creek	X	X	X	Protect in place
Telecommunication	SBC	825+92	Transverse	Millbrae Avenue	X	X	X	Protect in place
Telecommunication	SBC	826+08	Transverse	Millbrae Avenue	X	X	X	Protect in place
Electrical	PG&E	826+63	Transverse	Millbrae Avenue	X	X	X	Extend
Gas	PG&E	826+67	Transverse	Millbrae Avenue	X	X	X	Extend
Water	Cal Water	826+89	Transverse	Millbrae Avenue	X	X	X	Protect in place
Storm Drain	Unknown	826+95	Transverse	Millbrae Avenue	X	X	X	Protect in place
Electrical	PG&E	827+01	Transverse	Millbrae Avenue	X	X	X	Protect in place
Storm Drain	Unknown	827+04	Transverse	Off street	X	X	X	Protect in place
Telecommunication	SBC	830+93	Transverse	Off street	X	X	X	Protect in place
Telecommunication	SBC	831+25	Transverse	Off street	X	X	X	Protect in place
Telecommunication	SBC	831+42	Transverse	Off street	X	X	X	Protect in place
Sanitary sewer	City of Burlingame	831+55 to 833+76	Longitudinal/ Transverse	California Drive	X	X	X	Relocate
Electrical	PG&E	832+89	Transverse	Murchison Drive	X	X	X	Relocate
Water	Unknown - Pending Verification	833+72	Transverse	NA	X	X	X	Protect in place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Storm drain	City of Burlingame	837+54 to 839+13	Transverse	Off street	X	X	X	Extend
Storm drain	City of Burlingame	842+66	Transverse	Off street	X	X	X	Protect in place
Storm drain	City of Burlingame	844+02	Transverse	Trousdale Avenue	X	X	X	Protect in place
Storm drain	Unknown	860+21	Transverse	NA	X	X	X	Extend
Drainage canal	City of Burlingame	887+59 to 897+42	Longitudinal	NA	X	X	X	Protect in place
Storm drain	City of Burlingame	887+64	Transverse	Easton Creek	X	X	X	Protect in place
Sanitary sewer	City of Burlingame	905+10	Transverse	Broadway	X	X	X	Protect in place
Telecommunication	SBC	905+22	Transverse	Broadway	X	X	X	Protect in place
Telecommunication	Unknown	906+50 to 912+00	Longitudinal	NA	X	X	X	Relocate
Telephone	Unknown	906+50 to 913+50	Longitudinal	NA	X	X	X	Relocate
Telephone	Unknown	906+50 to 915+79	Longitudinal	NA	X	X	X	Relocate
Sanitary sewer	City of Burlingame	908+85	Transverse	Cadillac Way	X	X	X	Relocate
Gas	Unknown	918+00	Transverse	Sanchez Avenue	X	X	X	Protect in place
Storm drain	City of Burlingame	918+49	Transverse	Sanchez Creek	X	X	X	Protect in place
<b>San Mateo to Palo Alto Subsection</b>								
Gas	Unknown	1079+21	Transverse	10 <sup>th</sup> Avenue		X	X	Protect in place
Telecommunication	SBC	1089+35 to 1110+85	Longitudinal	NA		X	X	Relocate
Electrical	Unknown	1093+50	Transverse	Keswick Ave	X	X	X	Protect in place
Gas	Unknown	1097+41 to 1100+00	Longitudinal	NA		X	X	Relocate
Gas	PG&E	1098+51	Transverse	16th Avenue	X	X	X	Protect in place
Gas	Unknown	1098+58	Transverse	16th Avenue	X	X	X	Protect in place



Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Storm drain	Unknown	1099+20	Transverse	Off street		X	X	Extend
					X			Protect in place
Gas	Unknown	1100+19	Transverse	Off street	X	X	X	Protect in place
Electrical	Unknown	1103+85	Transverse	17th Street	X	X	X	Protect in place
Storm drain	Unknown	1111+30	Transverse	NA		X	X	Relocate
Drainage	City of San Mateo	1115+13	Transverse	19th Avenue		X	X	Protect in place
Gas	PG&E	1115+94	Transverse	19th Avenue	X			Protect in place
Drainage	City of San Mateo	1116+00 to 1116+50	Longitudinal	Borel Creek		X	X	Relocate
					X			Protect in place
Water	Unknown	1116+36	Transverse	19th Avenue	X			Protect in place
Drainage	City of San Mateo	1116+60 to 1128+00	Longitudinal	Borel Creek		X	X	Relocate
					X			Protect in place
Telecommunication	SBC	1123+52 to 1154+00	Longitudinal	NA	X			Relocate
Electrical	Unknown	1124+27	Transverse	NA		X	X	Protect in place
Electrical	Unknown	1124+32	Transverse	NA		X	X	Relocate
Sanitary sewer	Unknown	1141+98	Transverse	25th Avenue		X	X	Protect in place
Water	Cal Water	1142+04	Transverse	25th Avenue		X	X	Protect in place
Storm drain	City of San Mateo	1144+87	Transverse	NA		X	X	Protect in place
Water	Unknown	1151+00 to 1166+32	Longitudinal	NA		X	X	Relocate
Electrical	PG&E	1173+77	Transverse	Hillsdale Caltrain Station	X			Protect in place
Electrical	PG&E	1173+89	Transverse	Hillsdale Caltrain Station	X	X	X	Protect in place
Electrical	PG&E	1173+94	Transverse	Hillsdale Caltrain Station	X	X	X	Protect in place
Electrical	Unknown	1181+72	Transverse	NA		X	X	Relocate
Water	Unknown	1182+26	Transverse	Hillsdale Boulevard		X	X	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Gas	Unknown	1184+31	Transverse	Off street		X	X	Protect in place
Storm drain	Unknown	1184+43	Transverse	Off street		X	X	Protect in place
Storm Drain	Unknown	1185+90	Transverse	NA		X	X	Protect in place
Electrical	Unknown	1188+71	Transverse	Off street		X	X	Relocate
Electrical	Unknown	1199+73	Transverse	39th Avenue		X	X	Protect in place
Electrical	PG&E	1199+78	Transverse	39th Avenue		X	X	Protect in place
Electrical	Unknown	1199+83	Transverse	39th Avenue		X	X	Protect in place
Electrical	Unknown	1213+40	Transverse	42nd Avenue		X	X	Protect in place
Water	Unknown	1215+45	Transverse	43rd Avenue		X	X	Protect in place
Electrical	Unknown	1219+50	Transverse	North Road		X	X	Protect in place/ Relocate
Storm drain	Unknown	1223+93	Unknown	Dale View Avenue		X	X	Protect in place
Electrical	Unknown	1240+37	Transverse	NA		X	X	Protect in place
Electrical	Unknown	1240+40	Transverse	Off street		X	X	Relocate
Storm Drain	Unknown	1254+72	Transverse	NA		X	X	Relocate
					X			Protect in place
Electrical	Unknown	1262+50	Transverse	NA		X	X	Protect in place
Sanitary Sewer	Unknown	1262+93	Transverse	Masonic Way		X	X	Relocate
Storm drain	Unknown	1264+50	Transverse	Ralston Avenue		X	X	Relocate
Sanitary Sewer	Unknown	1271+82	Transverse	Waltermire Street		X	X	Relocate
					X			Protect in place
Sanitary Sewer	Unknown	1274+52	Transverse	O'Neill Avenue	X	X	X	Protect in place
Drainage	Unknown	1283+73	Transverse	Belmont Creek		X	X	Extend
Electrical	PG&E	1284+41	Transverse	Off street		X	X	Protect in place
Electrical	Unknown	1299+32	Unknown	NA		X	X	Relocate
Storm drain	Unknown	1306+08	Transverse	Taylor Way		X	X	Protect in place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Storm drain	Unknown	1310+47	Transverse	Northwood Drive		X	X	Extend
					X			Protect in place
Electrical	Unknown	1312+79	Transverse	NA	X	X	X	Protect in place
Water	Unknown	1314+72	Transverse	Off street	X			Unknown
Electrical	PG&E	1324+66	Transverse	Holly Street		X	X	Protect in place
Gas	PG&E	1325+30	Transverse	Holly Street		X	X	Protect in place
Telecommunication	SBC	1326+82 to 1424+35	Longitudinal	NA		X	X	Relocate
Telecommunication	Unknown	1338+00	Transverse	Cherry Street		X	X	Protect in place
Water	Unknown	1338+10	Transverse	Cherry Street		X	X	Protect in place
Gas	Unknown	1345+92	Transverse	Olive Street		X	X	Protect in place
Storm drain	Unknown	1352+92	Transverse	Commercial Street		X	X	Extend
Water	Unknown	1354+50	Transverse	NA		X	X	Relocate
Storm drain	Unknown	1355+68	Transverse	Off street		X	X	Remove
Storm drain	Unknown	1361+90	Transverse	Off street		X	X	Extend
Water	Unknown	1364+34	Transverse	Brittan Avenue		X	X	Protect in place
Gas	PG&E	1364+67	Transverse	Brittan Avenue		X	X	Protect in place
Electrical	PG&E	1365+29	Transverse	Brittan Avenue		X	X	Protect in place
Water	Unknown	1368+78	Transverse	American Street		X	X	Protect in place
Electrical	Unknown	1380+25	Transverse	American Street		X	X	Relocate
Electrical	Unknown	1385+21	Transverse	Washington Street		X	X	Relocate
Electrical	Unknown	1385+41	Transverse	Washington Street		X	X	Relocate
Storm drain	Unknown	1385+41	Transverse	Washington Street		X	X	Protect in place
Electrical	Unknown	1390+29	Transverse	Bing Street		X	X	Protect in place
Electrical	Unknown	1402+37	Transverse	Finger Ave		X	X	Protect in place
Water	Unknown	1405+66	Transverse	Avondale Avenue		X	X	Protect in place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Sanitary sewer	Unknown	1574+43	Transverse	Fair Oaks Lane	X	X	X	Protect in place
Water	Unknown	1574+49	Transverse	Fair Oaks Lane	X	X	X	Protect in place
Electrical and telecommunication	Unknown	1575+00 to 1583+00	Longitudinal	Atherton Station	X	X	X	Relocate
Sanitary sewer	Unknown	1584+13	Transverse	Maple Avenue	X	X	X	Protect in place
Storm drain	Unknown	1591+00	Transverse	Watkins Avenue	X	X	X	Protect in place
Electrical	Unknown	1680+93	Transverse	Alma Street/Alto Avenue	X	X	X	Protect in place
Telecom	Unknown	1681+90	Transverse/ Longitudinal	Off street	X	X	X	Protect in place
Drainage	Unknown	1839+25	Transverse	Barron Creek	X	X	X	Protect in place
<b>Mountain View to Santa Clara Subsection</b>								
Water	Cal Water	2057+29	Transverse	Ferry Morse Way	X	X	X	Protect in place
Water	Cal Water	2057+33	Transverse	Ferry Morse Way	X	X	X	Protect in place
Gas	PG&E	2057+60	Transverse	Ferry Morse Way	X	X	X	Protect in place
Gas	PG&E	2057+70	Transverse	Ferry Morse Way	X	X	X	Protect in place
Telecommunication	SBC	2057+79	Transverse	Ferry Morse Way	X	X	X	Protect in place
Electrical	Unknown	2199+33	Transverse	NA	X	X	X	Protect in place
Drainage	Unknown	2199+70	Transverse	NA	X	X	X	Protect in place
Electrical	Unknown	2199+77	Transverse	NA	X	X	X	Protect in place
Electrical	Unknown	2200+22	Transverse	NA	X	X	X	Protect in place
Electrical	Unknown	2090+50 to 2093+25	Longitudinal	Bernardo Avenue	X	X	X	Relocate
Electrical	Unknown	2090+50 to 2093+25	Longitudinal	Bernardo Avenue	X	X	X	Relocate
Sanitary Sewer	City of Sunnyvale	2091+80	Transverse	Bernardo Avenue	X	X	X	Relocate
Electrical	Unknown	2091+85	Transverse	Bernardo Avenue	X	X	X	Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
<b>San Jose Diridon Station Approach Subsection</b>								
Sanitary Sewer	Unknown	Unknown	Unknown	NA		X	X	Protect in place
Storm Drain	Unknown	2211+02	Transverse	NA		X	X	Protect in place
Electrical OH	PG&E	2259+24	Transverse	Scott Boulevard		X	X	Protect in place
Water	Cal Water	2259+67	Transverse	Scott Boulevard		X	X	Protect in place
Gas	PG&E	2259+83	Transverse	Scott Boulevard		X	X	Protect in place
Electrical OH	PG&E	2261+25	Transverse	Scott Boulevard		X	X	Protect in place
Electrical OH	PG&E	2261+37	Transverse	Scott Boulevard		X	X	Protect in place
Electrical OH	PG&E	2275+02	Transverse	Main Street		X		Protect in place
Electrical OH	PG&E	2275+02	Transverse	Main Street			X	Relocate
Storm Drain	Unknown	2287+59	Transverse	Main Street		X	X	Protect in place
Electrical OH	PG&E	2300+07	Transverse	Lafayette Street Pedestrian Crossing		X	X	Protect in place
Electrical	PG&E	2300+07	Transverse	Off Street		X	X	Protect in place
Electrical OH	PG&E	2313+72	Transverse	Grant Street		X	X	Protect in place
Storm Drain	Unknown	2318+25	Transverse	De La Cruz Boulevard		X		Protect in place
Storm Drain	Unknown	2318+25	Transverse	De La Cruz Boulevard			X	Relocate
Storm Drain	Unknown	2318+62	Transverse	De La Cruz Boulevard		X		Protect in place
Storm Drain	Unknown	2318+62	Transverse	De La Cruz Boulevard			X	Relocate
Water	Cal Water	2319+08	Transverse	East of De La Cruz Boulevard		X	X	Protect in place
Electrical	PG&E	2319+69	Transverse	East of De La Cruz Boulevard		X		Protect in place
Electrical	PG&E	2319+69	Transverse	East of De La Cruz Boulevard			X	Relocate
Electrical	PG&E	2319+92	Transverse	East of De La Cruz Boulevard		X		Protect in place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Electrical	PG&E	2319+92	Transverse	East of De La Cruz Boulevard			X	Relocate
Electrical	PG&E	2322+13	Transverse	East of De La Cruz Boulevard		X		Protect in place
Electrical	PG&E	2322+13	Transverse	East of De La Cruz Boulevard			X	Relocate
Electrical	PG&E	2322+54	Transverse	East of De La Cruz Boulevard		X	X	Protect in place
Electrical	PG&E	2333+13	Transverse	Benton Street / Brokaw Road		X		Protect in place
Electrical	PG&E	2333+13	Transverse	Benton Street / Brokaw Road			X	Relocate
Electric OH	PG&E	2333+17	Transverse	Benton Street / Brokaw Road		X		Protect in place
Telecom	Unknown	Unknown	Longitudinal and Transverse	Benton Street / Brokaw Road		X	X	Relocate
Sanitary Sewer	Unknown	2380+54	Transverse	Newhall Street		X	X	Protect in place
Storm Drain	City of San Jose	2380+69	Transverse	Newhall Street		X	X	Protect in place
Sanitary Sewer	Unknown	2385+94	Transverse	Interstate 880/Hamline Street		X	X	Protect in place
Storm Drain	City of San Jose	2384+00	Transverse	McKendrie Street		X	X	Protect in place
Sanitary Sewer	City of San Jose	2394+78	Transverse	McKendrie Street		X	X	Protect in place
Sanitary Sewer	City of San Jose	2399+65	Transverse	W Hedding Street		X	X	Protect in place
Water	Unknown	2410+23	Transverse	Emory Street		X	X	Protect in place
Fiber Optic	Unknown	2416+00	Longitudinal	Along track corridor		X	X	Relocate
Electric OH on Joint Pole	City of San Jose	2420+17	Transverse	W Taylor Street		X	X	Relocate
Electric	PG&E	2420+86	Transverse	W Taylor Street		X	X	Relocate
Electric OH on Joint Pole	PG&E	2420+86	Transverse	W Taylor Street		X	X	Relocate
Water	Cal Water	2438+95	Transverse	Lenzen Avenue		X	X	Protect in place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Sanitary Sewer	City of San Jose	2454+34	Transverse	W Julian Street		X	X	Relocate
Fiber Optic	Unknown	2466+76	Transverse	W Santa Clara Street/ The Alameda		X	X	Relocate
Sanitary Sewer	Unknown	2438+00	Transverse	West of Lenzen Avenue		X	X	Protect in place
Sanitary Sewer	Unknown	2286+28	Transverse	Main Street		X	X	Protect in place
Fiber Optic	Sprint/MCI	2478+50 to 2481+15	Longitudinal	NA		X		Relocate
Fiber Optic	Level 3 Communication	2478+50 to 2481+15	Longitudinal	NA		X		Relocate
Water	Santa Clara Valley Water District	2410+14	Transverse	Emory Street		X		Protect in place
Gas	Unknown	2445+16 to 2454+75	Longitudinal	N Montgomery Street		X		Relocate
Electric UG	Unknown	2467+78	Transverse	W Santa Clara Street/ The Alameda		X		Remove
Substation	PG&E	2479+50	Longitudinal	Diridon Station		X		TBD
Substation	PG&E	0052+00	Unknown	NA		X	X	Relocate
Transmission Tower	PG&E	0052+00	Unknown	NA		X	X	Relocate
Electric OH	PG&E	0052+00 to 0066+00	Both	West San Carlos Street		X	X	Relocate
Fiber Optic	Sprint/MCI	0052+91 to 0055+55	Longitudinal	NA		X	X	Relocate
Fiber Optic	Sprint/MCI	0134+00 to 0150+00	Longitudinal	NA		X	X	Protect in place
Fiber Optic	Level 3 Communication	0057+50	Transverse	Park Avenue		X	X	Relocate
Fiber Optic	Level 3 Communication/AboveNet	0057+50	Transverse	Park Avenue		X	X	Relocate
Fiber Optic	Level 3 Communication	0057+90	Transverse	Park Avenue		X	X	Protect in place
AT&T Legacy Fiber Optic Cables	AT&T/Pacific Bell	0058+50	Transverse	Park Avenue		X	X	Protect in place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Fiber Optic	Level 3 Communication/ AboveNet/Time Warner	0058+70	Transverse	Park Avenue		X	X	Protect in place
Pump Station (Storm Drain)	City of San Jose	0059+24	Transverse	Park Avenue		X	X	Protect in place
Storm Drain	City of San Jose	0059+24	Transverse	Park Avenue		X	X	Relocate
Sanitary Sewer	City of San Jose	0059+38	Transverse	Park Avenue		X	X	Relocate
Transmission Tower	PG&E	0059+70	Unknown	Park Avenue		X	X	Relocate
Electric OH & Telecommunication UG on Joint Pole	PG&E	0075+00	Transverse	Auzerais Avenue		X	X	Relocate
Fiber Optic	Level 3 Communication	0052+91 to 0057+50	Longitudinal	NA		X	X	Relocate
Storm Drain	City of San Jose	0091+24	Transverse	NA		X	X	Protect in place
Pump Station (Storm Drain)	City of San Jose	0149+38	Transverse	W Alma Avenue		X	X	Protect in place
Electric OH	PG&E	2873+82	Transverse	Scott Boulevard	X			Protect in place
Electric OH	PG&E	2873+91 to 2885+34	Longitudinal	NA	X			Protect in place
Electric OH	PG&E	2887+57	Transverse	NA	X			Protect in place
Sanitary Sewer	Unknown	2887+74	Transverse	NA	X			Protect in place
Potable Water	Unknown	2898+85	Transverse	Main Street	X			Protect in place
Storm Drain	Unknown	2900+21	Transverse	Main Street	X			Protect in place
Fiber Optic	Unknown	2900+00 to 2942+00	Longitudinal	NA	X			Protect in place
Storm Drain	Unknown	2912+78	Transverse	Main Street	X			Protect in place
Storm Drain	Unknown	2913+18	Transverse	Main Street	X			Protect in place
Storm Drain	Unknown	2913+46	Transverse	Main Street	X			Protect in place
Sanitary Sewer	Unknown	2918+00	Transverse	NA	X			Protect in place
Sanitary Sewer	Unknown	2926+24	Transverse	Grant Street	X			Protect in place
Fiber Optic	Unknown	2925+33	Transverse	Grant Street	X			Protect in place



Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Recycled Water	Unknown	2926+24	Transverse	Grant Street	X			Protect in place
Sanitary Sewer	Unknown	2930+76	Transverse	De La Cruz Boulevard	X			Protect in place
Storm Drains	Unknown	2930+81	Transverse	De La Cruz Boulevard	X			Protect in place
Storm Drain	Unknown	2931+08	Transverse	De La Cruz Boulevard	X			Protect in place
Potable Water	Unknown	2932+03	Transverse	NA	X			Protect in place
Electric OH	Unknown	2932+26	Transverse	NA	X			Protect in place
Electric OH	Unknown	2932+48	Transverse	NA	X			Protect in place
Electric OH	PG&E	2934+70	Transverse	NA	X			Protect in place
Electric UG	PG&E	2934+78	Transverse	NA	X			Protect in place
Fiber Optic	Unknown	2934+95	Transverse	NA	X			Protect in place
Electric UG	Unknown	2945+74	Transverse	Brokaw Rd/Benton Street	X			Protect in place
Fiber Optic	Unknown	2988+57 to 3034+00	Longitudinal	NA	X			Protect in place
Electric OH	Unknown	2992+98	Transverse	Newhall Street	X			Protect in place
Potable Water	Unknown	2993+16	Transverse	Newhall Street	X			Protect in place
Sanitary Sewer	Unknown	2996+56	Transverse	NA	X			Protect in place
Sanitary Sewer	Unknown	2997+61	Transverse	NA	X			Protect in place
Storm Drain	Unknown	2997+64	Transverse	NA	X			Protect in place
Sanitary Sewer	City of San Jose	3007+28	Transverse	McKendrie Street	X			Protect in place
Storm Drain	City of San Jose	3007+40	Transverse	McKendrie Street	X			Protect in place
Electric OH	Unknown	3007+49	Transverse	NA	X			Protect in place
Storm Drain	Unknown	3011+95	Transverse	W Hedding Street	X			Protect in place
Potable Water	Unknown	3011+97	Transverse	W Hedding Street	X			Protect in place
Sanitary Sewer	Unknown	3012+08	Transverse	W Hedding Street	X			Protect in place
Fiber Optic	Unknown	3017+00 to 3021+50	Both	Stockton Avenue/ College Park Station	X			Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Fiber Optic	Unknown	3018+13	Transverse	Stockton Avenue/ College Park Station	X			Protect in place
Electric OH	PG&E	3018+36	Transverse	Stockton Avenue/ College Park Station	X			Protect in place
Electric OH & Telecommunication OH on Joint Pole	PG&E & Unknown	3018+48	Transverse	Stockton Avenue/ College Park Station	X			Protect in place
Fiber Optic	Unknown	3019+00 to 3022+00	Longitudinal	Stockton Avenue/ College Park Station	X			Relocate
Fiber Optic	Unknown	3019+33	Transverse	Stockton Avenue/ College Park Station	X			Relocate
Fiber Optic	Unknown	3022+00 to 3039+50	Longitudinal	NA	X			Protect in place
Potable Water	Santa Clara Valley Water District	3022+23	Transverse	Emory Street	X			Protect in place
Potable Water	Cal Water	3022+32	Transverse	Emory Street	X			Protect in place
Gas	PG&E	3022+38	Transverse	Emory Street	X			Protect in place
Gas	PG&E	3022+55	Transverse	Emory Street	X			Protect in place
Electric OH & Telecommunication OH on Joint Pole	PG&E & Unknown	3022+63	Transverse	Emory Street	X			Protect in place
Fiber Optic	Unknown	3029+15	Transverse	NA	X			Protect in place
Electric OH	PG&E	3030+30 to 3033+00	Longitudinal	W Taylor Street	X			Relocate
Electric OH	PG&E	3030+50 to 3036+40	Longitudinal	W Taylor Street	X			Relocate
Fiber Optic	Unknown	3031+00 to 3042+00	Longitudinal	NA	X			Relocate
Storm Drain Pump Station	City of San Jose	3032+39	Transverse	W Taylor Street	X			Relocate
Electric OH	City of San Jose	3032+58	Transverse	W Taylor Street	X			Protect in place
Electric OH	PG&E	3032+73	Transverse	W Taylor Street	X			Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Transmission Pole	PG&E	3033+00	Transverse	W Taylor Street	X			Relocate
Fiber Optic	Unknown	3034+29	Transverse	NA	X			Protect in place
Sanitary Sewer	City of San Jose	3044+43	Transverse	NA	X			Protect in place
Potable Water	City of San Jose	3046+37	Transverse	NA	X			Protect in place
Potable Water	City of San Jose	3046+45	Transverse	NA	X			Protect in place
Storm Drain	City of San Jose	3046+53	Transverse	NA	X			Protect in place
Sanitary Sewer	City of San Jose	3046+61	Transverse	NA	X			Protect in place
Gas	Unknown	3046+69	Transverse	NA	X			Protect in place
Potable Water	City of San Jose	3046+80	Transverse	NA	X			Protect in place
Fuel	Unknown	3046+90	Transverse	NA	X			Protect in place
Telecommunication UG	Unknown	3046+90	Transverse	NA	X			Protect in place
Fuel	Unknown	3046+91	Transverse	NA	X			Protect in place
Electric UG	Unknown	3047+38	Transverse	NA	X			Protect in place
Telecommunication UG	Unknown	3047+70	Transverse	NA	X			Protect in place
Electric UG	Unknown	3049+80	Transverse	NA	X			Protect in place
Fiber Optic	Unknown	3050+50 to 3053+50	Longitudinal	Lenzen Avenue	X			Relocate
Electric UG	Unknown	3050+50 to 3053+50	Longitudinal	Lenzen Avenue	X			Relocate
Electric OH	Unknown	3050+75	Transverse	Lenzen Avenue	X			Protect in place
Electric UG	Unknown	3050+77	Transverse	Lenzen Avenue	X			Protect in place
Telecommunication UG	Unknown	3050+80	Transverse	Lenzen Avenue	X			Protect in place
Gas	Unknown	3050+82	Transverse	Lenzen Avenue	X			Protect in place
Potable Water	City of San Jose	3051+18	Transverse	Lenzen Avenue	X			Protect in place
Fiber Optic	Unknown	3057+40	Transverse	Cinnabar Street	X			Protect in place
Electric UG	PG&E	3057+41	Transverse	Cinnabar Street	X			Protect in place

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Gas	PG&E	3057+53	Transverse	Cinnabar Street	X			Protect in place
Fiber Optic	Unknown	3065+66 to 3124+00	Longitudinal	NA	X			Relocate
Fiber Optic	Unknown	3065+73	Transverse	W Julian Street	X			Protect in place
Fiber Optic	Unknown	3066+16	Transverse	W Julian Street	X			Protect in place
Electric UG	PG&E	3066+17	Transverse	W Julian Street	X			Protect in place
Electric OH & Telecommunication OH on Joint Pole	PG&E and Unknown	3066+23	Transverse	W Julian Street	X			Protect in place
Sanitary Sewer	City of San Jose	3066+50	Transverse	W Julian Street	X			Protect in place
Fiber Optic	Unknown	3077+67	Transverse	W Santa Clara Street	X			Protect in place
Fiber Optic	Level 3 Communication	3073+86 to 3097+00	Longitudinal	Park Road	X			Relocate
Fiber Optic	Sprint/MCI	3077+57 to 3079+10	Longitudinal	W Santa Clara Street	X			Relocate
Fiber Optic	Level 3 Communication	3096+80 to 3108+66	Longitudinal	Park Road	X			Protect in place
Fiber Optic	Level 3/AboveNet	3096+86	Transverse	Park Road	X			Protect in place
Fiber Optic	Level 3 Communication	3097+28	Transverse	Park Road	X			Protect in place
Fiber Optic	AT&T	3097+92	Transverse	Park Road	X			Protect in place
Fiber Optic	Level 3/AboveNet/ Time Warner	3097+92	Transverse	Park Road	X			Protect in place
Storm Drain	City of San Jose	3098+59	Transverse	Park Road	X			Protect in place
Sanitary Sewer	City of San Jose	3098+73	Transverse	Park Road	X			Protect in place
Electric OH	PG&E	3108+74	Transverse	W San Carlos Street	X			Protect in place
Electric OH & Telecommunication OH on Joint Pole	PG&E	3114+23	Transverse	Auzerais Avenue	X			Relocate
Electric OH	PG&E	3122+37	Transverse	W Virginia Street	X			Relocate

Utility Type	Provider (Owner)	Stationing	Longitudinal/ Transverse <sup>1</sup>	Location	Alternative <sup>2</sup>			Disposition
					A	B (I-880)	B (Scott)	
Storm Drain	City of San Jose	3129+50 to 3130+50	Longitudinal	Bird Avenue	X			Protect in place
Electric OH & Telecommunication OH on Joint Pole	Unknown	3143+86	Transverse	Delmas Avenue	X			Relocate
Storm Drain Pump Station	City of San Jose	3144+42	Transverse	Delmas Avenue	X			Relocate
Storm Drain Pump Station	City of San Jose	3164+17	Transverse	Willow Street	X			Relocate
Storm Drain Pump Station	City of San Jose	3187+92	Transverse	W Alma Avenue	X			Relocate
Storm Drain	City of San Jose	3197+98	Transverse	NA	X			Protect in place
Sanitary Sewer	City of San Jose	3209+97	Transverse	Almaden Road	X			Relocate
Storm Drain Pump Station	City of San Jose	3210+00	Transverse	Almaden Road	X			Relocate
Electric OH & Telecommunication OH on Joint Pole	Unknown	3246+64	Transverse	Curtner Avenue	X			Relocate
Sanitary Sewer	City of San Jose	3250+26	Transverse	Curtner Avenue	X			Protect in place
Electric OH	PG&E	3305+84	Transverse	NA	X			Relocate

Source: Authority 2019

I = Interstate

N = north

NA = not available

OH = overhead

PG&E = Pacific Gas and Electric Company

SF = San Francisco

TBD = to be determined

UG = underground

W = west

<sup>1</sup> *Longitudinal* is defined as a facility located parallel to and within the right-of-way. A *transverse* facility is one that passes from one side of the right-of-way to the other side of the right-of-way.

<sup>2</sup> Alternative B (Viaduct to I-880) is abbreviated as "(I-880)" and Alternative B (Viaduct to Scott Boulevard) is abbreviated as "(Scott)."

## References

California High Speed Rail Authority (Authority). 2019. *San Francisco to San Jose Project Section Record PEPD High-Risk and Major Utilities Conflict Memorandum*. April 2019.