

# Appendix D

## Utilities in the Project Corridor

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<b>Table 1 Utilities Pending Responses</b> <i>(Utilities information for the project that has been requested from service providers but not yet received)</i>
Ahtna Environmental, Inc
Alameda County Flood Control & Water Conservation District Zone 7
Alameda County Public Works
Byron Bethany Irrigation District
Chevron
City of Dublin
City of Pleasanton
City of Tracy
Comcast
Contra Costa Water
Dublin San Ramon Services District
Golden Hills Wind, LLC
Shell
Zayo Group, LLC

<b>Table 2 Parallel Utilities Adjacent to Project</b>			
<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
<b>Tri-Valley Segment</b>			
PG&E Electrical Overhead (Distribution)	NA – 4097+82	I-580	Relocate
PG&E Gas HP Transmission	NA – 4102+71	I-580	Relocate
DSRSD Water	4097+02 – 4101+51	I-580	Relocate
DSRSD Sewer	4099+93 – 4101+25	I-580	Relocate
Zone 7 Water	4109+63 – 4121+03	I-580	Relocate
DSRSD Fire Service Water	4109+63 – 4113+23	I-580	Relocate
DSRSD Sewer	4110+63 – 4120+51	I-580	Relocate
PG&E Electrical Overhead (Distribution)	4113+23 – 4121+03	I-580	Relocate
DSRSD Water	4113+23 – 4121+03	I-580	Relocate
DSRSD RCW	4113+23 – 4121+03	I-580	Relocate
PG&E Gas HP (Transmission)	4113+23 – 4121+03	I-580	Relocate
PG&E Gas HP (Transmission)	4150+71 – 4160+91	I-580	Relocate
PG&E Electrical Underground (Distribution)	4150+71 – 4160+91	I-580	Relocate
PG&E Electrical (Distribution)	4160+91 – 4162+87	I-580	Relocate
PG&E HP Gas (Transmission)	4160+91 – 4162+87	I-580	Relocate
DSRSD Reclaimed Water	4160+91 – 4162+87	I-580	Relocate
PG&E Electrical Overhead (Distribution)	4187+99 – 4228+37	I-580	Relocate
Sprint Fiber Optic Underground	4188+69 – 4201+50	I-580	Relocate
Sprint Fiber Optic	4204+42 – 4228+37	I-580	Relocate
Comcast Aerial Communication	4253+07 – 4323+52	I-580	Relocate
PG&E Electrical Overhead (Distribution)	4253+09 – 4332+52	I-580	Relocate
Sprint Fiber Optic	4287+41 – 4323+52	I-580	Relocate
City Of Livermore Sewer	4317+52 – 4322+88	I-580	Relocate
Joint trench (TEL,FO,Gas,21KV)	4347+48 – 4373+28	I-580	Relocate
City of Livermore RCW	4348+15 – 4360+82	I-580	Relocate
City Of Livermore Sewer	4357+22 – 4370+18	I-580	Relocate

<b>Table 2 Parallel Utilities Adjacent to Project</b>			
<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
Fiber Optic Underground	4380+00 – 4393+00	Isabel Station	Protect
Fiber Optic Underground	4380+00 – 4393+00	Isabel Station	Protect
PG&E Natural Gas	4380+00 – 4393+00	Isabel Station	Protect
City of Livermore Water	4380+00 – 4393+00	Isabel Station	Protect
City of Livermore Water	4380+00 – 4393+00	Isabel Station	Protect
City of Livermore Drainage	4380+00 – 4393+00	Isabel Station	Protect
City of Livermore Drainage	4380+00 – 4393+00	Isabel Station	Protect
PG&E Electric	4380+00 – 4393+00	Isabel Station	Protect
PG&E Electric	4389+00 – 4393+00	Isabel Station	Protect
PG&E Natural Gas	4380+00 – 4393+00	Isabel Station	Protect
PG&E Natural Gas	4389+00 – 4393+00	Isabel Station	Protect
PG&E Electrical Underground (Distribution)	4391+44 – 4398+75	I-580	Relocate
AT&T and Comcast JT	4399+87 – 4410+74	I-580	Relocate
PG&E Electrical OH (Distribution)	4437+68 – 4454+66	I-580	Relocate
Cal Water	4517+79 – 4519+09	I-580	Relocate
PG&E Electrical OH (Distribution)	4517+89 – 4518+99	I-580	Relocate
Cal Water	4524+99 – 4531+99	I-580	Relocate
PG&E Electrical OH (Distribution)	4536+19 – 4538+29	I-580	Relocate
PG&E Electrical OH (Distribution)	4569+38 – 4607+03	I-580	Relocate
AT&T Telephone	4569+38 – 4607+03	I-580	Relocate
City of Livermore Sewer	4571+30 – 4599+43	I-580	Relocate
City of Livermore Water	4574+45 – 4598+28	I-580	Relocate
PG&E Gas	4576+48 – 4596+71	I-580	Relocate
PGE Electrical Underground	4577+30 – 4580+82	I-580	Relocate
AT&T Telephone	4583+62 – 4607+13	I-580	Relocate
PG&E Electrical Underground (Distribution)	4587+42 – 4598+83	I-580	Relocate
CenturyLink Fiberoptic Underground	4705+00 – 4716+00	Greenville Station	Relocate
AT&T Comm Underground	4700+00 – 4713+00	Greenville Station	Protect

<b>Table 2 Parallel Utilities Adjacent to Project</b>			
<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
<b>Altamont Segment</b>			
Century Link Fiberoptic Underground	4737+00 – 4749+20	Valley Link Rail	Protect
AT&T Fiberoptic Underground	4737+00 – 4749+20	Valley Link Rail	Protect
AT&T Telecom Underground	4737+00 – 4749+20	Valley Link Rail	Protect
AT&T Fiberoptic Underground	4765+00 – 4775+00	Valley Link Rail	Protect
PG&E Electrical Overhead	4769+00 – 4812+30	Valley Link Rail	Protect
AT&T Communications Underground	4812+30 – 4817+00	Valley Link Rail	Protect
AT&T Fiberoptic and Communications Underground	4811+50 – 4829+20	Valley Link Rail	Protect
Sprint Fiberoptic Underground	4858+00 – 4861+10	Valley Link Rail	Protect
CenturyLink Fiberoptic Underground	4869+00 – 5313+50	Valley Link Rail	Relocate
PG&E Natural Gas Underground	5263+00 – 5276+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	5309+00 – 5320+00	Valley Link Rail	Protect
<b>Tracy to Lathrop Segment</b>			
Sprint Communications Underground	5685+00 – 5975+00	Valley Link Rail	Protect
Sprint Communications Underground	5975+00 – 6030+00	Valley Link Rail	Relocate
Sprint Communications Underground	6030+00 – 6280+00	Valley Link Rail	Protect
<p>Note*: Protect = Exact location of utilities will be identified prior to construction so that the contractor can avoid and not impact the utility.</p> <p>Relocate = Utilities likely to be impacted by the project. The design team will work with the utility owner on design and construction of a relocation within the project footprint for those utilities determined to be in conflict.</p>			

<b>Table 3 Perpendicular Utility Crossing Project</b>			
<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
<b>Tri-Valley Segment</b>			
Caltrans Drainage	4100+00	I-580	Protect
Centurylink/Level 3 Fiber Optic Underground	4105+50	I-580	Protect
Miscellaneous BART Station Utilities	4105+50 – 4110+00	I-580	Protect
Kinder Morgan 10-Inch Gas	4106+60	I-580	Protect
PG&E Electric	4106+65	I-580	Protect
Zone 7 Water	4109+63	I-580	Relocate
PG&E Electric Overhead	4120+20	I-580	Protect
Caltrans Drainage	4132+10	I-580	Protect
Centurylink/Level 3 FO	4135+70	I-580	Protect
PG&E Electric	4135+75	I-580	Protect
Caltrans Drainage	4138+90	I-580	Protect
Caltrans Drainage	4154+05	I-580	Protect
PG&E Gas	4162+68	I-580	Relocate
Water	4163+00	I-580	Protect
PG&E Gas	4172+05	I-580	Protect
Caltrans Drainage	4181+00	I-580	Protect
PG&E Electric	4181+60	I-580	Protect
AT&T Communications	4181+70	I-580	Protect
Water	4181+90	I-580	Protect
Caltrans Drainage	4185+90	I-580	Protect
PG&E Electric	4192+95	I-580	Protect
Caltrans Drainage	4223+10	I-580	Protect
PG&E Electric	4247+50	I-580	Protect
AT&T Communications	4247+60	I-580	Protect
PG&E & AT&T Utility Overhead	4291+50	I-580	Protect
City of Livermore Drainage	4304+50	I-580	Protect

<b>Table 3 Perpendicular Utility Crossing Project</b>			
<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
City of Livermore Sewer	4317+70	I-580	Protect
City of Livermore Sewer	4318+00	I-580	Protect
City of Livermore Water	4322+60	I-580	Protect
City of Livermore Water	4323+35	I-580	Protect
Caltrans Drainage	4325+60	I-580	Protect
Caltrans Drainage	4332+30	I-580	Protect
Caltrans Drainage	4334+70	I-580	Protect
City of Livermore Water	4339+40	I-580	Protect
AT&T Communications	4339+50	I-580	Protect
Caltrans Drainage	4340+90	I-580	Protect
Caltrans Drainage	4343+90	I-580	Protect
Caltrans Drainage	4347+90	I-580	Protect
PG&E Electric	4354+40	I-580	Protect
Caltrans Drainage	4355+05	I-580	Protect
PG&E Gas	4357+25	I-580	Protect
AT&T Communications	4367+20	I-580	Protect
City of Livermore Water	4373+92	I-580	Relocate
City of Livermore Water	4373+05	I-580	Protect
City of Livermore Sewer	4373+10	I-580	Protect
City of Livermore Reclaimed Water	4374+91	I-580	Relocate
PG&E Electric	4375+00	I-580	Protect
PG&E Gas	4375+10	I-580	Protect
Caltrans Drainage	4382+35	I-580	Protect
PG&E Electric	4387+00	Isabel Station	Protect
UT-Elec-OH-X	4396+80	I-580	Relocate
Caltrans Drainage	4402+00	I-580	Relocate
Caltrans Drainage	4404+00	I-580	Protect
PG&E Gas	4405+50	I-580	Protect

**Table 3 Perpendicular Utility Crossing Project**

<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
Caltrans Drainage	4409+85	I-580	Protect
Caltrans Drainage	4412+60	I-580	Protect
Caltrans Drainage	4416+00	I-580	Relocate
Caltrans Drainage	4420+00	I-580	Relocate
AT&T Comm Underground	4420+80	I-580	Protect
Caltrans Storm Drain	4422+70	I-580	Relocate
Caltrans Storm Drain	4427+85	I-580	Protect
Caltrans Storm Drain	4435+15	I-580	Protect
Caltrans Drainage	4436+60	I-580	Protect
Caltrans Drainage	4446+40	I-580	Protect
Caltrans Drainage	4451+30	I-580	Protect
City of Livermore Sanitary Sewer	4456+50	I-580	Relocate
Caltrans Drainage	4456+80	I-580	Protect
PG&E & AT&T Utility Overhead	4465+95	I-580	Protect
Caltrans Drainage	4466+20	I-580	Protect
PG&E Electrical Overhead	4466+50	I-580	Protect
Telecom	4467+00	I-580	Protect
Sprint Fiber Optic Communications Underground	4467+60	I-580	Protect
TR Fiberoptic	4467+80	I-580	Protect
Caltrans Drainage	4475+20	I-580	Protect
Caltrans Drainage	4482+05	I-580	Protect
Caltrans Drainage	4485+30	I-580	Protect
Caltrans Drainage	4490+25	I-580	Protect
Caltrans Drainage	4495+25	I-580	Protect
Caltrans Drainage	4500+90	I-580	Protect
Caltrans Drainage	4505+80	I-580	Protect
Caltrans Drainage	4511+05	I-580	Protect
Caltrans Drainage	4512+60	I-580	Protect



<b>Table 3 Perpendicular Utility Crossing Project</b>			
<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
Caltrans Drainage	4516+00	I-580	Protect
City of Livermore Sewer	4516+60	I-580	Protect
California Water	4517+90	I-580	Protect
PG&E Electrical Overhead	4518+50	I-580	Protect
Caltrans Drainage	4527+30	I-580	Protect
Caltrans Drainage	4532+40	I-580	Protect
Caltrans Drainage	4536+30	I-580	Protect
PG&E Electrical Overhead	4537+20	I-580	Protect
Caltrans Drainage	4540+85	I-580	Protect
California Water	4541+95	I-580	Protect
City of Livermore Water	4545+30	I-580	Protect
City of Livermore Water	4545+60	I-580	Protect
Storm Drain, Seco Arroyo	4546+00	I-580	Protect
Caltrans Drainage	4554+90	I-580	Protect
City of Livermore Water	4563+20	I-580	Protect
Caltrans Drainage	4563+65	I-580	Protect
Caltrans Drainage	4567+30	I-580	Protect
Caltrans Drainage	4575+30	I-580	Protect
AT&T Communications Underground	4576+00	I-580	Protect
PG&E Natural Gas Underground	4576+60	I-580	Protect
PG&E Electrical Overhead	4588+00	I-580/Southfront Station Alternative	Protect
PG&E Natural Gas Underground	4588+70	I-580	Protect
City of Livermore Water	4606+83	I-580	Relocate
Telephone	4607+00	I-580	Protect
City of Livermore Water	4607+00	I-580	Protect
PG&E Electrical Underground	4607+30	I-580	Protect
PG&E Natural Gas Underground	4607+35	I-580	Protect

<b>Table 3 Perpendicular Utility Crossing Project</b>			
<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
AT&T Communications Underground	4607+50	I-580	Protect
PG&E Natural Gas	4607+55	I-580	Protect
PG&E Electrical	4607+60	I-580	Protect
Water Underground	4614+20	I-580	Protect
Storm Drain	4615+10	I-580	Protect
Fiber Optic	4618+10	I-580	Relocate
Comcast Television	4618+33	I-580	Relocate
Telecom	4619+70	I-580	Protect
Caltrans Drainage	4622+90	I-580	Protect
Caltrans Drainage	4638+20	I-580	Protect
Telecom	4639+70	I-580	Protect
City of Livermore Water	4640+05	I-580	Relocate
PG&E Electrical Overhead	4641+00	I-580	Protect
PG&E Natural Gas Underground	4641+30	I-580	Protect
PG&E Electrical Overhead	4642+00	I-580	Protect
PG&E Electrical Underground (Distribution)	4642+13	I-580	Relocate
PG&E Gas	4642+13	I-580	Relocate
Caltrans Drainage	4645+70	I-580	Protect
Caltrans Drainage	4654+15	I-580	Protect
PG&E Electrical	4660+50	I-580	Protect
PG&E Electrical Underground	4662+80	I-580	Protect
City of Livermore Water	4663+30	I-580	Protect
Electrical Overhead	4669+90	I-580	Protect
Caltrans Drainage	4677+40	I-580	Protect
Telecom	4692+50	I-580	Protect
<b>Altamont Segment</b>			
Communications Underground	4712+00	Valley Link Rail	Protect
California Department of Water Resources Water	4714+00	Valley Link Rail	Protect

<b>Table 3 Perpendicular Utility Crossing Project</b>			
<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
California Department of Water Resources Water	4748+50	Valley Link Rail	Protect
California Department of Water Resources Water	4798+00	Valley Link Rail	Protect
Communications Underground	4812+80	Valley Link Rail	Protect
Electrical Western Area Power Administration (WAPA) Overhead	4814+00	Valley Link Rail	Protect
PG&E Electrical Overhead	4840+00	Valley Link Rail	Protect
PG&E Electrical Overhead	4850+00	Valley Link Rail	Protect
AT&T Communications Underground	4852+10	Valley Link Rail	Protect
AT&T Fiberoptic Underground	4854+00	Valley Link Rail	Protect
AT&T Fiberoptic Underground	4861+00	Valley Link Rail	Protect
CenturyLink Fiberoptic Underground	4864+80	Valley Link Rail	Protect
Verizon MCI Communications Underground	4864+80	Valley Link Rail	Protect
Electrical WAPA Overhead	5185+60	Valley Link Rail	Protect
Electrical WAPA Overhead	5188+60	Valley Link Rail	Protect
Electrical WAPA Overhead	5209+80	Valley Link Rail	Protect
Electrical WAPA Overhead	5235+50	Valley Link Rail	Protect
Electrical WAPA Overhead	5238+00	Valley Link Rail	Protect
Electrical WAPA Overhead	5243+70	Valley Link Rail	Protect
Electrical WAPA Overhead	5256+30	Valley Link Rail	Protect
Electrical WAPA Overhead	5260+60	Valley Link Rail	Protect
AT&T Communications Underground	5260+00	Valley Link Rail	Protect
Electrical WAPA Overhead	5290+30	Valley Link Rail & Mountain House OMF	Protect
Electrical WAPA Overhead	5292+00	Valley Link Rail & Mountain House OMF	Protect
AT&T Communications Underground	5343+90	Valley Link Rail	Protect
PG&E Natural Gas Underground	5345+40	Valley Link Rail	Protect
Shell Fuel Underground	5361+15	Valley Link Rail	Protect

<b>Table 3 Perpendicular Utility Crossing Project</b>			
<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
Verizon Communications MCI Underground	5368+15	Valley Link Rail	Protect
Communications Underground	5369+20	Valley Link Rail	Protect
Communications Underground	5371+60	Valley Link Rail	Protect
Phillips 66 Fuel Underground	5378+20	Valley Link Rail	Protect
PG&E & AT&T Utilities Overhead	5396+85	Valley Link Rail	Protect
AT&T Communications Underground	5425+10	Valley Link Rail	Protect
<b>Tracy to Lathrop Segment</b>			
PG&E Electrical Overhead	5436+00	Valley Link Rail	Protect
Crimson Fuel Underground	5458+00	Valley Link Rail/City Site OMF	Protect
PG&E Natural Gas Underground	5459+00	Valley Link Rail/City Site OMF	Protect
Chevron Fuel Underground	5459+00	Valley Link Rail/City Site OMF	Protect
PG&E Natural Gas Underground	5459+00	Valley Link Rail/City Site OMF	Protect
PG&E Electrical Overhead	5474+00	Valley Link Rail	Protect
Unknown Electrical Overhead	5500+00	Valley Link Rail	Protect
PG&E Electrical Underground	5506+00	Valley Link Rail	Protect
PG&E Electrical Overhead	5507+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	5507+00	Valley Link Rail	Protect
City of Tracy Sewer Underground	5507+00	Valley Link Rail	Protect
City of Tracy Water Underground	5507+00	Valley Link Rail	Protect
PG&E Electrical Overhead	5547+00	Valley Link Rail	Protect
PG&E Electrical Overhead	5566+00	Valley Link Rail	Protect
PG&E Communications Underground	5582+00	Valley Link Rail	Protect
PG&E Electrical Underground	5582+00	Valley Link Rail	Protect
PG&E Electrical Underground	5582+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	5583+00	Valley Link Rail	Protect

<b>Table 3 Perpendicular Utility Crossing Project</b>			
<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
PG&E Electrical Underground	5583+00	Valley Link Rail	Protect
PG&E Electrical Overhead	5641+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	5641+00	Valley Link Rail	Protect
City of Tracy Water Underground	5641+00	Valley Link Rail	Protect
Centurylink Communications Underground	5643+00	Valley Link Rail	Protect
PG&E Electrical Overhead	5665+00	Valley Link Rail	Protect
Comcast Communications Overhead	5665+00	Valley Link Rail	Protect
AT&T Communications Underground	5665+00	Valley Link Rail	Protect
City of Tracy Water Underground	5665+00	Valley Link Rail	Protect
City of Tracy Sewer Underground	5665+00	Valley Link Rail	Protect
City of Tracy Stormwater Underground	5665+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	5665+00	Valley Link Rail	Protect
AT&T Communications Underground	5668+00	Valley Link Rail	Protect
AT&T Communications Underground	5671+00	Valley Link Rail	Protect
Kinder Morgan Fuel Underground	5697+00	Valley Link Rail	Protect
PG&E Electrical Overhead	5700+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	5700+00	Valley Link Rail	Protect
City of Tracy Sewer Underground	5700+00	Valley Link Rail	Protect
AT&T Communications Overhead	5700+00	Valley Link Rail	Protect
AT&T Communications Underground	5700+00	Valley Link Rail	Protect
PG&E Electrical Overhead	5717+00	Valley Link Rail	Protect
PG&E Electrical Underground	5718+00	Valley Link Rail	Protect
AT&T Communications Underground	5719+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	5720+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	5720+00	Valley Link Rail	Protect
PG&E Electrical Overhead	5758+00	Valley Link Rail	Protect
PG&E Electrical Overhead	5817+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	5841+00	Valley Link Rail	Protect

<b>Table 3 Perpendicular Utility Crossing Project</b>			
<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
AT&T Communications Underground	5841+00	Valley Link Rail	Protect
PG&E & AT&T Utility Overhead	5841+00	Valley Link Rail	Protect
AT&T Fiber Underground	5845+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	5845+00	Valley Link Rail	Protect
PG&E Electrical Overhead	5846+00	Valley Link Rail	Protect
AT&T Communications Underground	5846+00	Valley Link Rail	Protect
AT&T Communications Underground	5848+00	Valley Link Rail	Protect
AT&T Communications Overhead	5922+00	Valley Link Rail	Protect
PG&E Electrical Overhead	5923+00	Valley Link Rail	Protect
PG&E Electrical Overhead	5985+00	Valley Link Rail	Protect
AT&T Communications Underground	6062+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	6063+00	Valley Link Rail	Protect
AT&T Communications Underground	6063+00	Valley Link Rail	Protect
City of Lathrop Water Underground	6063+00	Valley Link Rail	Protect
PG&E & AT&T Utility Overhead	6063+00	Valley Link Rail	Protect
City of Lathrop Water Underground	6063+00	Valley Link Rail	Protect
City of Lathrop Water Underground	6075+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	6075+00	Valley Link Rail	Protect
City of Lathrop Sewer Underground	6075+00	Valley Link Rail	Protect
AT&T Communications Underground	6075+00	Valley Link Rail	Protect
PG&E Electrical Overhead	6079+00	Valley Link Rail	Protect
AT&T Communications Underground	6079+00	Valley Link Rail	Protect
AT&T Fiber Underground	6080+00	Valley Link Rail	Protect
AT&T Communications Underground	6080+00	Valley Link Rail	Protect
AT&T Communications Underground	6088+00	Valley Link Rail	Protect
South San Joaquin Irrigation District Water Underground	6093+00	Valley Link Rail	Protect
City of Lathrop Water Underground	6094+00	Valley Link Rail	Protect

**Table 3 Perpendicular Utility Crossing Project**

<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
PG&E Electrical Overhead	6130+00	Valley Link Rail	Protect
PG&E Electrical Overhead	6156+00	Valley Link Rail	Protect
PG&E Electrical Underground	6156+00	Valley Link Rail	Protect
South San Joaquin Irrigation District Water Underground	6156+00	Valley Link Rail	Protect
City of Lathrop Water Underground	6156+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	6156+00	Valley Link Rail	Protect
Frontier Communications Underground	6157+00	Valley Link Rail	Protect
PG&E Electrical Underground	6157+00	Valley Link Rail	Protect
AT&T Fiber Underground	6157+00	Valley Link Rail	Protect
PG&E Electrical Overhead	6172+00	Valley Link Rail	Protect
Frontier Communications Underground	6212+00	Valley Link Rail	Protect
City of Lathrop Water Underground	6212+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	6213+00	Valley Link Rail	Protect
City of Lathrop Water Underground	6213+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	6213+00	Valley Link Rail	Protect
City of Lathrop Water Underground	6213+00	Valley Link Rail	Protect
PG&E Electrical Overhead	6213+00	Valley Link Rail	Protect
City of Lathrop Sewer Underground	6229+00	Valley Link Rail	Protect
City of Lathrop Water Underground	6239+00	Valley Link Rail	Protect
City of Lathrop Storm Stormwater Underground	6250+00	Valley Link Rail	Protect
City of Lathrop Sewer Underground	6264+00	Valley Link Rail	Protect
Frontier Communications Underground	6265+00	Valley Link Rail	Protect
City of Lathrop Water Underground	6265+00	Valley Link Rail	Protect
Comcast Communications Overhead	6265+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	6266+00	Valley Link Rail	Protect
City of Lathrop Water Underground	6267+00	Valley Link Rail	Protect
PG&E Electrical Overhead	6268+00	Valley Link Rail	Protect

<b>Table 3 Perpendicular Utility Crossing Project</b>			
<b>Utility</b>	<b>Approx. Station</b>	<b>Project Element</b>	<b>Relocate or Protect?*</b>
PG&E Electrical Overhead	6268+00	Valley Link Rail	Protect
PG&E & AT&T Utility Overhead	6268+00	Valley Link Rail	Protect
PG&E Natural Gas Underground	6268+00	Valley Link Rail	Protect
<p>Note*: Protect = Exact location of utilities will be identified prior to construction so that the contractor can avoid and not impact the utility.</p> <p>Relocate = Utilities likely to be impacted by the project. The design team will work with the utility owner on design and construction of a relocation within the project footprint for those utilities determined to be in conflict.</p>			