

Appendix L. Utility Information

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Table L-1. Utility impacts

Utility owner	Description	Location	Action corridor alternative
Canals			
Central Arizona Irrigation and Drainage District	Canal	Along Phillips Road alignment	E4
	Canal	Between Houser Road and Battaglia Drive	E4
	Canal	Near Arica Road crossing	E4
	Canal	State Route 87 crossing	W4
Central Arizona Project	Canal	Northeast of Magma Road and Felix Road intersection	E1a, E1b
	Canal	Near Ironwood Drive crossing	W1a
	Canal	East-to-west alternative crossing	W1b
	Canal	Near Ocotillo Road alignment	E1a
	Canal	Near Germann Road alignment	E1b
Hohokam Irrigation and Drainage District	Canal	North of Steele Road	E3a, E3b, E3c, E3d, W3
	Canal	West of Wheeler Road	E3a, E3b, E3c, E3d, W3
	Canal	West of Wheeler Road	W3
	Canal	Near Earley Road alignment	W4
New Magma Irrigation and Drainage District	Canal	Within Roberts Road corridor	W1a, W1b
	Canal	Felix Road crossing	E2a, E2b
Communication lines			
AT&T	Transcontinental fiber optic cable	Within U.S. Route 60 corridor	E1a, E1b
	Transcontinental fiber optic cable	Within Roberts Road and Skyline Drive corridors	W1b
	Transcontinental fiber optic cable	Arizona Farms Road crossing	W1a, W1b, E2a, E2b, W2b
	Transcontinental fiber optic cable	Felix Road crossing	E2a, E2b, W2a, W2b
	Transcontinental fiber optic cable	Bartlett Road crossing	E3a, E3b, E3c, E3d, W3
	Transcontinental fiber optic cable	Clemans Road crossing	E3a, E3b, E3c, E3d
	Transcontinental fiber optic cable	Interstate 10 to Selma Highway, along State Route 87	W4

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Utility owner	Description	Location	Action corridor alternative
COX	Underground fiber optic cable and overhead communication lines	Within Bella Vista Road corridor	E1a, E1b
	Underground fiber optic cable and overhead communication lines	Bella Vista Road crossing	W1a, W1b
	Underground fiber optic cable and overhead communication lines	Within Arizona Farms Road corridor	E2a, E2b
	Underground fiber optic cable and overhead communication lines	Within Felix Road corridor	E2a, E2b
	Underground fiber optic cable and overhead communication lines	Arizona Farms Road crossing	W2a, W2b
	Underground fiber optic cable and overhead communication lines	Between Hunt Highway and Gila River	E3a, E3b, E3c, E3d
	Underground fiber optic cable and overhead communication lines	State Route 287 crossing	E3a, E3b, E3c, E3d
Level 3	Fiber optic lines	Within Union Pacific Railroad corridor (at Interstate 10)	E4
	Fiber optic lines	Within Union Pacific Railroad corridor along State Route 87, crossing at Earley Road	W4
Media Com	Underground cable lines	Within U.S. Route 60 corridor	E1a, E1b
	Underground cable lines	Within Ironwood Drive corridor	W1a, W1b
MCI (Verizon)	Fiber optic lines	Township 4 Range 8 Section 14	W3
	Fiber optic lines	Along State Route 87	W4
Sprint Nextel Corp.	Underground cable lines	North of Storey Road	E3a, E3b, E3c, E3d
	Underground cable lines	Hunt Highway crossing between Hiller and Franklin Roads	W3
	Underground cable lines	Within Bartlett Road corridor	W3
	Underground cable lines	Within Fast Track Road corridor	W3
	Underground cable lines	State Route 287 crossing	E4, W4
	Underground cable lines	Within State Route 87 corridor	W4

Table L-1. Utility impacts

Utility owner	Description	Location	Action corridor alternative
<i>Electrical transmission lines</i>			
Arizona Public Service	Overhead transmission lines	Arizona Farms Road crossing	E2a, E2b, W2a, W2b
	Overhead transmission lines	Copper Basin Railway crossing	W2a, W2b
	Overhead transmission lines	East-to-west crossing near State Route 287	E3a, E3b, E3c, E3d
	Overhead transmission lines	Near Butte Road and Adamsville Road intersection	E3a, E3c
	Overhead transmission lines	Northern bank of Gila River	E3b, E3d
	Overhead transmission lines	Florence-Coolidge Highway crossing	W3
	Overhead transmission lines	Within Milligan Road corridor	E4
	Overhead transmission lines	Milligan Road crossing	W4
	Overhead transmission lines	Within State Route 87 corridor	W4
Electrical District No. 2	Overhead and underground transmission and distribution lines	Steele Road crossing	E4
	Overhead and underground transmission and distribution lines	Within Earley Road corridor	W4
	Overhead and underground transmission and distribution lines	Storey Road crossing	E3a, E3b, E3c, E3d
	Overhead and underground transmission and distribution lines	North of Steele Road alignment	W3
	Overhead and underground transmission and distribution lines	Kleck Road crossing	E3a, E3b, E3c, E3d
	Overhead and underground transmission and distribution lines	Within Fast Track Road corridor	W3
	Overhead and underground transmission and distribution lines	Adamsville Road crossing	E3a, E3b, E3c, E3d, W3
	Overhead and underground transmission and distribution lines	Hunt Highway crossing	E3a, E3b, E3c, E3d, W3
Electrical District No. 4	12.47 kilovolt overhead transmission and primary underground lines	Phillips Road crossing	E4
	12.47 kilovolt overhead transmission and primary underground lines	Within State Route 87 corridor	W4
	12.47 kilovolt overhead transmission and primary underground lines	Milligan Road crossing	E4
	12.47 kilovolt overhead transmission and primary underground lines	North of Battaglia Drive	E4

Table L-1. Utility impacts

Utility owner	Description	Location	Action corridor alternative
Salt River Project	Overhead transmission lines	Bella Vista Road crossing and north of Bella Vista	E1a, E1b
	Overhead transmission lines	Bella Vista Road crossing	E1a, E1b, W1a, W1b
	Overhead transmission lines	West of Central Arizona Project Canal	E1a, E1b, W1a, W1b
	Overhead transmission lines	Magma Arizona Railroad crossing	W1a, W1b
	Overhead transmission lines	North of Dinosaur Substation	W1a, W1b
	Overhead transmission lines	Within Quail Run Lane corridor	W1a, W1b
	Overhead transmission lines	Along Copper Basin Railway	W2a, W2b
	Overhead transmission lines	Bartlett Road crossing	E3a, E3b, E3c, E3d, W3
	Overhead transmission lines	Hunt Highway	E3a, E3c, W3
	Overhead transmission lines	North of Hunt Highway	E3a, E3b, E3c, E3d
	Overhead transmission lines	Valley Farms crossing	E3a, E3b, E3c, E3d
	Overhead transmission lines	Adamsville Road to Hunt Highway	W3
San Carlos Irrigation Project	12.47 kilovolt overhead and underground transmission lines	Between Attaway and Clemans Roads	E3a, E3b
	12.47 kilovolt overhead and underground transmission lines	Canal Road crossing	E3a, E3b, E3c, E3d
	12.47 kilovolt overhead and underground transmission lines	Clemans Road crossing	E3a, E3b, E3c, E3d
	12.47 kilovolt overhead and underground transmission lines	Hunt Highway crossing	E3a, E3c
	12.47 kilovolt overhead and underground transmission lines	Kenilworth Road and Valley Farms Road crossings	E3a, E3b, E3c, E3d
	12.47 kilovolt overhead and underground transmission lines	Plant Road and Butte Road crossings	E3a, E3c
	12.47 kilovolt overhead and underground transmission lines	State Route 287 crossing	E3a, E3b, E3c, E3d
	12.47 kilovolt overhead and underground transmission lines	Vah Ki Inn Road crossing	E3a, E3b, E3c, E3d
	12.47 kilovolt overhead and underground transmission lines	Within Wheeler Road corridor	E3a, E3b
	12.47 kilovolt overhead and underground transmission lines	Kenilworth Road crossing	W3
	12.47 kilovolt overhead and underground transmission lines	Martin Road crossing at Natziger Road	W3
	12.47 kilovolt overhead and underground transmission lines	Natziger Road corridor north of Van Ki Inn Road	W3

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Utility owner	Description	Location	Action corridor alternative
San Carlos Irrigation Project	12.47 kilovolt overhead and underground transmission lines	Within Attaway Road corridor	W3
	12.47 kilovolt overhead and underground transmission lines	Near Arica Road alignment	E4
	12.47 kilovolt overhead and underground transmission lines	Corman Road crossing	E4
	12.47 kilovolt overhead and underground transmission lines	Selma Highway crossing	E4
	12.47 kilovolt overhead and underground transmission lines	Houser Road crossing	E4, W4
	12.47 kilovolt overhead and underground transmission lines	Near canal crossing	W4
	12.47 kilovolt overhead and underground transmission lines	Within State Route 87 corridor	W4
Tucson Electric Power	115 kilovolt overhead transmission lines	North of State Route 287	E3a, E3b, E3c, E3d
	115 kilovolt overhead transmission lines	North of State Route 287	W3
	115 kilovolt overhead transmission lines	Hanna Road crossing	E4, W4
	115 kilovolt overhead transmission lines	Northeast of Selma Highway crossing	W4
Western Area Power Administration	115 kilovolt overhead transmission lines	North of Canal Road	E3a, E3b, E3c, E3d, W3
	115 kilovolt overhead transmission lines	Hanna Road crossing	E4, W4
<i>Natural gas and petroleum pipelines</i>			
City of Mesa	4-inch polyethylene gas pipeline	Bella Vista Road crossing	W1a, W1b
	4-inch polyethylene gas pipeline	Roberts Road crossing	W1a, W1b
	4- to 6-inch steel high-pressure gas pipeline	Arizona Farms Road crossing	E2a, E2b, W2a, W2b
El Paso Natural Gas	2- to 30-inch high-pressure gas lines	Between Storey and Kleck Roads	E3a, E3b, E3c, E3d, W3
	2- to 30-inch high-pressure gas lines	North of Hunt Highway alignment	E3a, E3b, E3c, E3d, W3
	2- to 30-inch high-pressure gas lines	Crossing Milligan Road	E4
	2- to 30-inch high-pressure gas lines	Crossing north of Phillips Road	E4
	2- to 30-inch high-pressure gas lines	State Route 87 crossing	W4

Table L-1. Utility impacts

Utility owner	Description	Location	Action corridor alternative
Kinder-Morgan	6-inch (abandoned) and 12-inch underground high-pressure petroleum pipelines	Within Union Pacific Railroad corridor	W3, W4
Southwest Gas	2- to 4-inch steel high-pressure gas pipelines	Hunt Highway crossing	E3a, E3b, E3c, E3d,
	2- to 4-inch steel high-pressure gas pipelines	Milligan Road crossing	E4, W4
	2- to 4-inch steel high-pressure gas pipelines	State Route 287 crossing	E3a, E3b, E3c, E3d
	2- to 4-inch steel high-pressure gas pipelines	Wheeler Road crossing	E3a, E3b, E3c, E3d, W3
	2- to 4-inch steel high-pressure gas pipelines	Within State Route 87 corridor	W4
Railroads			
Copper Basin Railway	Railroad	Near Heritage Road	W2a, W2b
	Railroad	Near Hunt Highway	E3a, E3b, E3c, E3d
Magma Arizona Railroad	Railroad	North of Magma Road alignment	E1a, E1b, W1a, W1b
Union Pacific Railroad	Railroad	North of Selma Highway	W4
Sewer lines			
City of Coolidge	Sewer main	Randolph Road crossing	E3a, E3b, E3c, E3d
	Sewer main	Bartlett Road crossing	E3c, E3d
	10- to 24-inch sewer mains	Within Fast Track Road corridor	W3
	10- to 24-inch sewer mains	Bartlett Road crossing	W3
Superstition Mountain Community Facilities District No. 1	18-inch sanitary sewer force main	Within Ironwood Drive corridor	W1a
Town of Florence	4- to 18-inch vitrified clay and 4- to 8-inch polyvinyl chloride sewer mains	Northeast of Butte Road and Plant Road intersection	E3a, E3c
Water lines			
Arizona Water Company	Water main	North of Baseline Road alignment, along Mountain View Road	E1a, E1b, W1a, W1b
	Water main	Vah Ki Inn Road crossing	W3
	Water main	Within Steele Road corridor	E4
	Water main	Steele Road crossing	W4
Diversified Water Utility	Water main	Quail Run Lane and Skyline Drive corridors	W1a, W1b

Table L-1. Utility impacts

Utility owner	Description	Location	Action corridor alternative
Queen Creek Irrigation District	78-inch cured-in-place pipe	Within Ocotillo Road corridor	W1a, W1b
Town of Gilbert	48-inch ductile iron pipe	Within Ocotillo Road corridor	W1a, W1b

Source: research by Kimley-Horn and Associates, Inc., 2018

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