

Appendix J

BLM LAND USE AUTHORIZATIONS

BLM LAND USE AUTHORIZATIONS

Section 302 of the Federal Land Policy and Management Act of 1976 (FLPMA) provides the BLM's authority to issue leases and permits for the use, occupancy, and development of the public lands. Leases and permits (i.e., land use authorizations) are issued for purposes such as a commercial filming, advertising displays, commercial or noncommercial croplands, apiaries, livestock holding or feeding areas not related to grazing permits and leases, harvesting of native or introduced species, temporary or permanent facilities for commercial purposes (does not include mining claims), residential occupancy, ski resorts, construction equipment storage sites, assembly yards, oil rig stacking sites, mining claim occupancy if the residential structures are not incidental to the mining operation, and water pipelines and well pumps related to irrigation and non-irrigation facilities. The regulations establishing procedures for the processing of these leases and permits are found in 43 Code of Federal Regulations (CFR) 2920.

The proposed Project would be categorized under the “temporary or permanent facilities for commercial purposes” and would therefore be subject to Section 302 of the FLPMA.

Table J-1 below is a listing of all of the land use authorizations that would be intersected by the proposed project’s land use analysis area. In many cases, the LUA, though inside the analysis area, would not be impacted by the project since it would be located outside of the proposed Project ROW and also beyond the reach of construction disturbances (i.e., the LUA would not be physically intersected by the proposed project; the airspace above the LUA would be crossed by the transmission line span). Please refer to section 4.11.2 for a detailed analysis of the LUAs that would be intersected by the proposed Project ROW.

The geographic scope for the land use analysis area for the New Build Section is a 2-mile corridor around the action alternatives (1-mile buffer on either side of the centerline). The land use analysis area for the Upgrade Section is a 500-foot corridor (250-foot buffer on either side of the centerline). The temporal scope for the land use analysis area is the life of the project (50 years).

Table J-1. Existing Land Use Authorizations

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section – Afton Substation to Hidalgo Substation					
Las Cruces District Office	NMNM 061198	El Paso Electric Company	Power line	Route Group 1	P1, P2
Las Cruces District Office	NMNM 057029	County of Doña Ana	Road (pending)	Route Group 1	P1, P2
Las Cruces District Office	NMNM 129489	El Paso Electric Company	Power line (pending)	Route Group 1	P1, P2
Las Cruces District Office	NMLC 0 064867	El Paso Natural Gas Company	Pipeline	Route Group 1 and 2	P1, P2, P4a, P4b, P4c, LD3a,
Las Cruces District Office	NMNM 003102	El Paso Natural Gas Company	Pipeline	Route Group 1	P1, P2
Las Cruces District Office	NMNM 011755	El Paso Electric Company	Pipeline	Route Group 1	P1, P2
Las Cruces District Office	NMNM 026731	Qwest	Telephone line	Route Group 1	P1, P2
Las Cruces District Office	NMNM 034521	El Paso Natural Gas Company	Pipeline	Route Group 1	P1, P2

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section – Afton Substation to Hidalgo Substation, cont'd.					
Las Cruces District Office	NMNM 083956	El Paso Natural Gas Company	Pipeline	Route Group 1 and 2	P1, P2, P4a, P4b, P4c, LD3a,
Las Cruces District Office	NMNM 110628	El Paso Global Networks	Fiber optic	Route Group 1 and 2	P1, P2, LD3a
Las Cruces District Office	NMNM 110628	SFPP, LP	Pipeline	Route Group 1	P1, P2
Las Cruces District Office	NMNM 0 000161	El Paso Natural Gas Company	Pipeline	Route Group 1 and 2	P1, P2, DN1, LD1
Las Cruces District Office	NMNM 0 018856	SFPP, LP	Pipeline	Route Group 1	P1, P2
Las Cruces District Office	NMNM 077527	County of Doña Ana	Road	Route Group 1	P1, P2
Las Cruces District Office	NMNM 083848	El Paso Electric Company	Power line	Route Group 1	P1, P2
Las Cruces District Office	NMNM 106212	El Paso Electric Company	Power line	Route Group 1	P1, P2
Las Cruces District Office	NMNM 0 0467924	Qwest	Telephone line	Route Group 1	P1, P2
Las Cruces District Office	NMNM 007163	El Paso Natural Gas Company	Pipeline	Route Group 1	P1, P2, S1
Las Cruces District Office	NMNM 102630	Public Service Company of New Mexico	Power line	Route Group 1	P1, P2, S1
Las Cruces District Office	NMNM 106206	Public Service Company of New Mexico	Communication site	Route Group 1	P1, P2, S1
Las Cruces District Office	NMNM 110615	Public Service Company of New Mexico	Pipeline	Route Group 1	P1, P2, S1
Las Cruces District Office	NMNM 115188	SFPP, LP	Pipeline	Route Group 1	P1, P2, S1
Las Cruces District Office	NMNM 0 013347	El Paso Natural Gas Company	Road	Route Group 1	P1, P2, S1
Las Cruces District Office	NMNM 0 107835	El Paso Natural Gas Company	Power line	Route Group 1	P1, P2, S1
Las Cruces District Office	NMNM 0 329147	Qwest	Telephone line	Route Group 1	P1, P2, S1
Las Cruces District Office	NMNM 0 053219	City of Las Cruces	Pipeline	Route Group 1	P1, P2, S1
Las Cruces District Office	NMNM 086726	Santa Fe Pac PPLN	Pipeline facility site	Route Group 1	P1, P2, S1
Las Cruces District Office	NMNM 092965	El Paso Natural Gas Company	Pipeline facility site	Route Group 1	P1, P2, S1
Las Cruces District Office	NMNM 106193	El Paso Global Networks	Fiber optic	Route Group 1 and 2	P1, P2, S1, DN1, LD1
Las Cruces District Office	NMNM 106224	Public Service Company of New Mexico	Pipeline	Route Group 1	P1, P2, S1
Las Cruces District Office	NMNM 0 107835	El Paso Natural Gas Company	Power line	Route Group 1	P1, P2, S1

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section – Afton Substation to Hidalgo Substation, cont'd.					
Las Cruces District Office	NMNM 000578	El Paso Electric Company	Power line	Route Group 1	S1
Las Cruces District Office	NMNM 0 437681	Qwest	Telephone line	Route Group 1	S1
Las Cruces District Office	NMLC 0 064563	AT&T	Fiber optic	Route Group 1	S2
Las Cruces District Office	NMNM 102648	AT&T	Fiber optic	Route Group 1 and 2	S2, LD3a
Las Cruces District Office	NMNM 059304	El Paso Electric Company	Power line	Route Group 1	S2
Las Cruces District Office	NMNM 127593	Valley Telephone Cooperative	Fiber optic	Route Group 1	Alternative A, S3, S4, S5, Alternative C, S6, S7
Las Cruces District Office	NMNM 107570	Natural Gas Processing Company	Pipeline facilities	Route Group 1	P2
Las Cruces District Office	NMNM 129320	City of Las Cruces	Pipeline	Route Group 1	P2
Las Cruces District Office	NMNM 02898	El Paso Electric Company	Power line	Route Group 1	P2
Las Cruces District Office	NMNM 0 560459	El Paso Electric Company	Power line	Route Group 1	P2
Las Cruces District Office	NMNM 052900	El Paso Electric Company	Power line	Route Group 1	P2
Las Cruces District Office	NMNM 0 036763	El Paso Electric Company	Power line	Route Group 1	P2
Las Cruces District Office	NMNM 130980	USGS Water Science Center	Water facility (pending)	Route Group 1	P2
Las Cruces District Office	NMNM 0 032224	SFPP, LP	Pipeline facility site	Route Group 1	P2
Las Cruces District Office	NMNM 0 037669	SFPP, LP	Telephone line	Route Group 1	P2
Las Cruces District Office	NMNM 125773	El Paso Electric Company	Power line	Route Group 1	P2
Las Cruces District Office	NM116391	El Paso Natural Gas Company	Pipeline facility site	Route Group 1	P2
Las Cruces District Office	NMNM 116355	El Paso Natural Gas Company	Pipeline facility site	Route Group 1	P2
Las Cruces District Office	NMNM 001152	El Paso Electric Company	Power line	Route Group 1	P1
Las Cruces District Office	NMNM 121014	Department of Homeland Security	Other energy facility	Route Group 1	S2
Las Cruces District Office	NMNM 124061	County of Doña Ana	Communication site	Route Group 1	S2
Las Cruces District Office	NMNM 083940	County of Doña Ana	Road	Route Group 1	Alternative A
Las Cruces District Office	NMNM 020278	Vanguard Wireless	Communication site	Route Group 1	P2

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section – Afton Substation to Hidalgo Substation, cont'd.					
Las Cruces District Office	NMNM 029897	El Paso Electric Company	Communication site	Route Group 1	P2
Las Cruces District Office	NMNM 045812	Union Pacific Railroad	Road	Route Group 1	P2
Las Cruces District Office	NMNM 089601	Verizon Wireless	Road	Route Group 1	P2
Las Cruces District Office	NMNM 110647	Sprint	Road	Route Group 1	P2
Las Cruces District Office	NMNM 127728	Union Pacific Railroad	Road (pending)	Route Group 1	P2
Las Cruces District Office	NMNM 128485	State of New Mexico Department of Information Technology	Communication site (pending)	Route Group 1	P2
Las Cruces District Office	NMNM 0 558147	El Paso Electric Company	Power line	Route Group 1	P2
Las Cruces District Office	NMNM 128243	SFPP LP	Pipeline facility site	Route Group 1	P2
Las Cruces District Office	NMNM 066339	El Paso Natural Gas Company	Pipeline facility site	Route Group 1	P2
Las Cruces District Office	NMNM 010974	El Paso Electric Company	Power line	Route Group 1	P2
Las Cruces District Office	NMNM 066339	El Paso Natural Gas Company	Pipeline facility site	Route Group 1	P2
Las Cruces District Office	NMNM 089617	El Paso Electric Company	Power line	Route Group 1	P2
Las Cruces District Office	NMNM 112035	El Paso Natural Gas Company	Pipeline facility site	Route Group 1	P2
Las Cruces District Office	NMNM 127092	AT&T	Telephone line	Route Group 1	P2
Las Cruces District Office	NMNM 0 168896	SFPP LP	Pipeline facility site	Route Group 1	
Las Cruces District Office	NMNM 0 107766	El Paso Natural Gas Company	Pipeline facility site	Route Group 1	P2
Las Cruces District Office	NMNM 030944	El Paso Natural Gas Company	Pipeline facility site	Route Group 1	P2
Las Cruces District Office	NMNM 009917	El Paso Natural Gas Company	Pipeline facility site	Route Group 1	P2
Las Cruces District Office	NMNM 100747	New Mexico State Highway Department	Fence	Route Group 1	P2, S6, S7, Alternative C
Las Cruces District Office	NMLC 0 070352	New Mexico State Highway Department	Road	Route Group 1	P2
Las Cruces District Office	NMNM 061205	AT&T	Fiber optic	Route Group 1	P2
Las Cruces District Office	NMNM 066376	Sprint	Fiber optic	Route Group 1 and 2	P2, LD1, Alternative F, P6b
Las Cruces District Office	NMNM 077535	Qwest	Telephone line	Route Group 1	P2

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section – Afton Substation to Hidalgo Substation, cont'd.					
Las Cruces District Office	NMNM 0554337	New Mexico State Highway Department	Road	Route Group 1	P2
Las Cruces District Office	NMNM 003177	El Paso Electric Company	Power line	Route Group 1	P2
Las Cruces District Office	NMLC 031731	Union Pacific Railroad	Rail road	Route Group 1	Alternative C
Las Cruces District Office	NMNM 126846	Customs and Border Protection	Communication site	Route Group 1	Alternative C, S5, S6
Las Cruces District Office	NMNM 095035	Federal Highways Administration	Materials site	Route Group 1	Alternative C, S5, S6,
Las Cruces District Office	NMLC 0 070009	Federal Highways Administration	Materials site	Route Group 1	P2
Las Cruces District Office	NMMN 0 557671	New Mexico State Highway Department	Road	Route Group 1	P2
Las Cruces District Office	NMNM 045809	Wesley Sherrer	Road	Route Group 1	P2
Las Cruces District Office	NMNM 0 116716	Columbus Electric Cooperative	Power line	Route Group 1	P2
Las Cruces District Office	NMNM 130793	Federal Highways Administration	Bridge (pending)	Route Group 1	P2
Las Cruces District Office	NMNM 106225	Boling, Miller	Road	Route Group 1	P2
Las Cruces District Office	NMNM 028524	El Paso Natural Gas Company	Power facilities	Route Group 1	P2
Las Cruces District Office	NMNM 106193	El Paso Global Networks	Fiber optic	Route Group 1	P2
Las Cruces District Office	NMNM 107868	El Paso Natural Gas Company	Pipeline facilities site	Route Group 1	
Las Cruces District Office	NMNM 095033	Federal Highways Administration	Materials site	Route Group 1	Alternative C, S5, S6,
Las Cruces District Office	NMNM 052983	County of Luna	Road	Route Group 1	S6, S7, Alternative C, P3, P2, DN1
Las Cruces District Office	NMNM 061199	Valley Telephone Cooperative	Telephone line	Route Group 1	S5, P3
Las Cruces District Office	NMNM 107571	Department of Justice	Other facility	Route Group 1	S5, P3
Las Cruces District Office	NMLC 0 030874	El Paso & Southwestern Railroad	Railroad	Route Group 1	S5, P3
Las Cruces District Office	NMNM 008382	Public Service Company of New Mexico	Power line	Route Group 1	P2
Las Cruces District Office	NMNM 0 557451	New Mexico Highway Department	Road	Route Group 1	P2

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section – Afton Substation to Hidalgo Substation, cont'd.					
Las Cruces District Office	NMNM121405	Department of Homeland Security	Non-energy facility	Route Group 1	P2
Las Cruces District Office	NMNM 016929	Columbus Electric Cooperative	Power line	Route Group 1	S5, S6
Las Cruces District Office	NMLC 0 057616	New Mexico State Highway Department	Road	Route Group 1	P2, DN1
Las Cruces District Office	NMLC 0 059244	Tri-State G&T Association	Power line	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 057058	El Paso Electric Company	Power line	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 077521	Qwest	Telephone line	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 114438	Sunzia	Power line (pending)	Route Group 1 and 2	P2, DN1, P4a, LD3a, LD4
Las Cruces District Office	NMNM 083957	Qwest	Telephone line, fiber optic	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 017977	Columbus Electric Cooperative	Power line	Route Group 1	P2, DN1
Las Cruces District Office	NMLC 0 030875	El Paso & Southwestern Railroad	Railroad	Route Group 1	S5, S6
Las Cruces District Office	NMLC 0 031733	Union Pacific Railroad	Railroad	Route Group 1	S5, S6
Las Cruces District Office	NMNM 059321	Valley Telephone Cooperative	Power line	Route Group 1	S5, S6
Las Cruces District Office	NMNM 123180	Cooper Road	Road	Route Group 1	S5, S6
Las Cruces District Office	NMLC 0 031732	Union Pacific Railroad	Railroad	Route Group 1	S6, Alternative C
Las Cruces District Office	NMNM 023359	Department of Justice	Communication site	Route Group 1	S6, Alternative C
Las Cruces District Office	NMNM 026132	Columbus Electric Cooperative	Power line	Route Group 1	S6, S7, Alternative C
Las Cruces District Office	NMNM028427	Columbus Electric Cooperative	Power line	Route Group 1	S6, S7, Alternative C
Las Cruces District Office	NMNM 032041	New Mexico State Highway Department	Road	Route Group 1	S6, Alternative C
Las Cruces District Office	NMNM 121238	Columbus Electric Cooperative	Power line	Route Group 1	S6, S7, Alternative C
Las Cruces District Office	NMNM 126890	Customs and Border Protection	Other federal facility	Route Group 1	S6, Alternative C
Las Cruces District Office	NMNM 107577	Valley Telephone Cooperative	Telephone line	Route Group 1	S6, S7, Alternative C

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section – Afton Substation to Hidalgo Substation, cont'd.					
Las Cruces District Office	NMNM 022986	Public Service Company of New Mexico	Power line	Route Group 1 and 2	P2, DN1, P4a, P4b, LD3a
Las Cruces District Office	NMNM 062442	Public Service Company of New Mexico	Power line	Route Group 1	P2, DN1
Las Cruces District Office	NMLC 0 031602	Union Pacific Railroad	Railroad	Route Group 1	S6, S7, Alternative C
Las Cruces District Office	NMNM 130791	New Mexico State Highway Department	Road	Route Group 1	S6, S7, Alternative C
Las Cruces District Office	NMNM 032042	New Mexico State Highway Department	Road	Route Group 1	S6, S7, Alternative C
Las Cruces District Office	NMLC 0 053933	El Paso Natural Gas	Pipeline	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 0 0100812	Columbus Electric Cooperative	Power line	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 001800	El Paso Natural Gas	Pipeline	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 0 560037	El Paso Natural Gas	Pipeline	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 031995	New Mexico State Highway Department	Road	Route Group 1	S6, S7, Alternative C
Las Cruces District Office	NMNM 083956	El Paso Natural Gas	Pipeline	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 045825	Columbus Electric Cooperative	Power line	Route Group 1	S7
Las Cruces District Office	NMNM057089	Valley Telephone Cooperative	Telephone line	Route Group 1	S7
Las Cruces District Office	NMNM 124643	Department of Commerce National Weather Service	Communication site	Route Group 1	S7
Las Cruces District Office	NMNM 117395	Department of Justice	Other federal facility	Route Group 1	S7
Las Cruces District Office	NMLC 0 031734	El Paso & Southwestern Railroad	Railroad	Route Group 1	S7
Las Cruces District Office	NMNM 032347	New Mexico State Highway Department	Road	Route Group 1	S7
Las Cruces District Office	NMNM 052981	County of Grant	Road	Route Group 1	S7
Las Cruces District Office	NMLC 0 057346	El Paso Natural Gas	Pipeline	Route Group 1 and 2	P2, DN1, P4a, P4b, LD3a

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section – Afton Substation to Hidalgo Substation, cont'd.					
Las Cruces District Office	NMNM 052989	Columbus Electric Cooperative	Power line	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 120831	Department of Homeland Security	Other federal facility	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 130611	University of Boulder	Lease (pending)	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 115814	Columbus Electric Cooperative	Power line	Route Group 1	S7
Las Cruces District Office	NMNM 017693	New Mexico State Highway Department	Road	Route Group 1	S7
Las Cruces District Office	NMNM 044916	New Mexico State Highway Department	Road	Route Group 1	S7
Las Cruces District Office	NMNM 0 012581	Columbus Electric Cooperative	Power line	Route Group 1	S7
Las Cruces District Office	NMLC 0 064646	AT&T	Telephone line	Route Group 1 and 2	S7, S8, Alternative D, LD3a
Las Cruces District Office	NMNM 0 030297	New Mexico State Highway Department	Road	Route Group 1	S7, S8, Alternative D
Las Cruces District Office	NMNM 104168	Tri-State G&T Association	Power line	Route Group 1	S7, S8, Alternative D
Las Cruces District Office	NMNM 033174	El Paso Electric Company	Power line	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 012161	El Paso Electric Company	Power line	Route Group 1	P2, DN1
Las Cruces District Office	NMNM 110614	El Paso Electric Company	Switchyard	Route Group 1	P2, DN1
New Build Section - Hidalgo Substation to Apache Substation					
Las Cruces District Office	NMLC 0 59227	Public Service Company of New Mexico	Power line	Route group 2	P4a, P4b, LD3a
Las Cruces District Office	NMNM 026442	Public Service Company of New Mexico	Power line	Route group 2	P4a, P4b, LD3a
Las Cruces District Office	NMNM 001801	El Paso Natural Gas	Pipeline	Route group 2	P4a P4b, LD3a
Las Cruces District Office	NMNM 063882	Public Service Company of New Mexico	Power line	Route group 2	P4a P4b, LD3a

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section - Hidalgo Substation to Apache Substation, cont'd.					
Las Cruces District Office	NMNM 045806	County of Hidalgo	Road	Route group 2	Alternative D, S8, P4a, P4b, LD3a, LD4
Las Cruces District Office	NMNM 067594	New Mexico State Highway Department	Road	Route group 1 and 2	Alternative D
Las Cruces District Office	NMLC 0 058751	El Paso Natural Gas	Pipeline	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMLC 0 059227	Public Service Company of New Mexico	Power line	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMLC 0 051189	New Mexico State Highway Department	Road	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 028107	Public Service Company of New Mexico	Power line	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 002300	New Mexico State Highway Department	Road	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 013862	AT&T	Telephone line	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 098524	Southern Pacific Railroad	Railroad	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 0 554830	El Paso Natural Gas	Pipeline	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMLC 0 030416	AZ & NM Railroad Company	Railroad	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 004901	El Paso Natural Gas	Pipeline	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 003709	City of Lordsburg	Water plant	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 058252	Public Service Company of New Mexico	Power line	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 070086	Western NM Telephone Company	Power line	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 089625	Alltel Communications	Road	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 026730	Western NM Telephone Company	Telephone line	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 096538	Henika Road	Road	Route group 2	P4a, P4b, P4c, LD3a
Las Cruces District Office	NMNM 128979	Lightning Dock Geo	Powerline	Route group 2	P4a, P4b, P4c, LD3a

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section - Hidalgo Substation to Apache Substation, cont'd.					
Las Cruces District Office	NMNM 066376	Sprint Communications / US Telecom	Fiber Optic	Route group 2	P5a, P4b, P4c, LD2, LD3a
Las Cruces District Office	NMNM 099215	Federal Highways Administration	Materials site	Route group 1 and 2	Alternative D, P4a, P5c, LD1
Las Cruces District Office	NMNM 0 032225	SFPP LP	Oil and gas facility site	Route group 1 and 2	Alternative D, P4a, P5c, LD1
Las Cruces District Office	NMNM 102601	Federal Highways Administration	Materials site	Route group 2	LD3a, LD3b, LD1
Las Cruces District Office	NMNM0 059806	New Mexico State Highway Department	Materials site	Route group 2	LD3a, LD3b, LD1
Las Cruces District Office	NMNM 033118	New Mexico State Highway Department	Water facility	Route group 2	P4a, P4b, P4c, LD4
Las Cruces District Office	NMLC 0 031816	AZ & NM Railroad Company	Railroad	Route group 2	LD3a, LD4
Las Cruces District Office	NMNM 001799	SFPP LP	Oil and gas facility site	Route group 2	LD3a, LD4
Las Cruces District Office	NMNM 131427	New Mexico State Highway Department	Water facility	Route group 2	LD1
Las Cruces District Office	NMNM 0 554638	New Mexico State Highway Department	Materials site	Route group 2	LD1
Las Cruces District Office	NMLC 0 064509	AT&T	Telegraph line	Route group 2	LD1
Las Cruces District Office	NMNM 021855	El Paso Natural Gas	Oil and gas facility	Route group 2	LD1
Las Cruces District Office	NMNM 0 554638	New Mexico State Highway Department	Materials site	Route group 2	LD1
Las Cruces District Office	NMNM 004901	El Paso Natural Gas	Pipeline	Route group 2	P5b, Alternative D, LD1
Las Cruces District Office	NMNM 315518	Qwest	Telephone line	Route group 2	LD1, Alternative F, P6b
Las Cruces District Office	NMNM 102621	Williams Communications	Road	Route group 2	LD1, Alternative F, P6b
Las Cruces District Office	NMLC 0 049366	New Mexico State Highway Department	Materials site	Route group 2	LD1, Alternative F, P6b
Las Cruces District Office	NMNM 052956	New Cingular Wireless	Communication Site	Route group 2	LD1, Alternative F, P6b
Las Cruces District Office	NMNM 114702	Verizon Wireless	Communication Site	Route group 2	LD1, Alternative F, P6b
Las Cruces District Office	NMLC 0 055814	New Mexico State Highway Department	Road	Route group 2	LD1, Alternative F, P6b

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section - Hidalgo Substation to Apache Substation, cont'd.					
Safford Field Office	AZPHX-0086573	Union Pacific Railroad Company	Railroad	Route group 2	LD-4
Safford Field Office	AZPHX-0086534	Southern Pacific Transmission	Pipeline	Route group 2	P5b, Alternative E, LD-1
Safford Field Office	AZPHX-0086067	El Paso Natural Gas Corporation	Pipeline	Route group 2	LD-1
Safford Field Office	AZPHX-0083253	El Paso Natural Gas Corporation	Pipeline	Route group 2	LD-1
Safford Field Office	AZPHX-0079294	ADOT	Road	Route group 2	Alternative F, P6a
Safford Field Office	AZPHX-0078758	ADOT	Road	Route group 2	P5b, Alternative E, LD-1
Safford Field Office	AZPHX-0078757	ADOT	Road	Route group 2	LD-1
Safford Field Office	AZPHX-0060374	Union Pacific Railroad Company	Railroad	Route group 2	LD-1
Safford Field Office	AZPHX-0060373	Union Pacific Railroad Company	Railroad	Route group 2	Alternative F, P6a
Safford Field Office	AZAR-0033277	ADOT	Road	Route group 2	P5b, Alternative E, LD-1
Safford Field Office	AZAR-0031302	Qwest	Fiber Optic Cable	Route group 2	LD-1
Safford Field Office	AZAR-0027420	ADOT	Road	Route group 2	P6a, Alternative F
Safford Field Office	AZAR-0026425	ADOT	Road	Route group 2	P6a, Alternative F
Safford Field Office	AZAR-0025474	ADOT	Road	Route group 2	LD-1
Safford Field Office	AZAR-0013941	ADOT	Road	Route group 2	LD-1
Safford Field Office	AZAR-0008822	Arizona Department of Public Safety	Operations	Route group 2	LD-1
Safford Field Office	AZAR-0008806	Santa Fe Pacific Pipeline	Pipeline	Route group 2	LD-1
Safford Field Office	AZA-0004895	Sulphur Springs Electric	Power line	Route group 2	LD-1
Safford Field Office	AZA-0003847	El Paso Natural Gas Corporation	Pipeline	Route group 2	LD-1
Safford Field Office	AZA--35499	Cochise County	Road	Route group 2	P5b, Alternative E, LD-1
Safford Field Office	AZA-033670	AT&T	Fiber Optic Line	Route group 2	P5b, Alternative E, LD-1
Safford Field Office	AZA-033386	Sulphur Springs Electric	Power line	Route group 2	Alternative F, P6a
Safford Field Office	AZA-031872	Wild Bill Guide Service	Road	Route group 2	LD-4

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section - Hidalgo Substation to Apache Substation, cont'd.					
Safford Field Office	AZA--031803	AT&T	Fiber Optic Line	Route group 2	P6b, Alternative F
Safford Field Office	AZA-031177	AT&T	Fiber Optic Line	Route group 2	LD-1
Safford Field Office	AZA-029033	Union Pacific Railroad	Railroad	Route group 2	LD-1
Safford Field Office	AZA-028599	FHWA	Road	Route group 2	LD-1
Safford Field Office	AZA-028724	Valley Telephone Company	Telephone Line	Route group 2	P6b, Alternative E, LD-1
Safford Field Office	AZA-027835	Valley Telephone Company	Telephone Line	Route group 2	P6b, Alternative E, LD-1
Safford Field Office	AZA-026558	Valley Telephone Company	Telephone Line	Route group 2	P6a, Alternative F
Safford Field Office	AZA-024087	UOP Molecular Sieve	Research	Route group 2	LD-4
Safford Field Office	AZA-02369501	BLM	Road	Route group 2	P6a, Alternative F
Safford Field Office	AZA-023665	Sulphur Springs Electric	Power line	Route group 2	P6a, Alternative F
Safford Field Office	AZA-023664	Sulphur Springs Electric	Power line	Route group 2	P6a, Alternative F
Safford Field Office	AZA-022287	Sprint Communications	Fiber Optic Cable	Route group 2	P6a, Alternative F
Safford Field Office	AZA-022121	Valley Telephone Company	Telephone Line	Route group 2	LD-1
Safford Field Office	AZA-02197701	BLM	Road	Route group 2	LD-4
Safford Field Office	AZA-021968	El Paso Natural Gas Corporation	Pipeline	Route group 2	Alternative F, P6a
Safford Field Office	AZA-021890	BLM	Road	Route group 2	LD-4
Safford Field Office	AZA-019983	Cochise County	Road	Route group 2	P5b, Alternative E, LD-1
Safford Field Office	AZA-018990	Duncan Valley Electric	Power line	Route group 2	none
Safford Field Office	AZA-018790	Sulphur Springs Electric	Power line	Route group 2	LD-1
Safford Field Office	AZA-018717	Sulphur Springs Electric	Power line	Route group 2	LD-1
Safford Field Office	AZA-017630	Valley Telephone Company	Telephone Line	Route group 2	LD-1
Safford Field Office	AZA-010866	ADOT	Road	Route group 2	LD-1
Safford Field Office	AZA-006508	Sulphur Springs Electric	Power line	Route group 2	LD-1
Safford Field Office	AZA-006058	Qwest	Fiber Optic Cable	Route group 2	Alternative F, P6a

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
New Build Section - Hidalgo Substation to Apache Substation, cont'd.					
Safford Field Office	AZA-003778	Qwest	Fiber Optic Cable	Route group 2	Alternative F, P6a
Safford Field Office	AZA-003036	BLM	Road	Route group 2	LD4
Safford Field Office	AZA-003032	BLM	Road	Route group 2	LD4
Safford Field Office	AZA-003030	BLM	Road	Route group 2	P5b
Safford Field Office	AZA-002189	Sulphur Springs Electric	Power line	Route group 2	LD-1
Safford Field Office	AZA-001912	El Paso Natural Gas Corporation	Pipeline	Route group 2	P5b, Alternative E, LD-1
Safford Field Office	AZA-001645	ADOT	Road	Route group 2	LD-1
Safford Field Office	AZA-000893	Vanar Flood Control District	Canal and reservoir	Route group 2	LD-1
Safford Field Office	AZA-005973	Qwest	Fiber Optic Cable	Route group 2	Alternative J
Safford Field Office	AZA-00460101	Arizona Game and Fish Department	Road	Route group 2	Gc
Safford Field Office	AZA-001912	El Paso Natural Gas Corporation	Pipeline	Route group 2	P6c
Safford Field Office	AZA-035671	Pueblo Lithium	Communication	Route group 2	none
Safford Field Office	AZA-017668	United States Army	Road	Route group 2	none
Safford Field Office	AZA-019983	Cochise County	Road	Route group 2	Alternative F
Safford Field Office	AZA-035981	Micron Resources	Communication	Route group 2	P6c
Upgrade Section - Apache Substation to Pantano Substation					
Safford Field Office	AZPHX-0086067	El Paso Natural Gas Corporation	Pipeline	Route group 3	U1a
Safford Field Office	AZPHX-0083253	El Paso Natural Gas Corporation	Pipeline	Route group 3	U1a
Safford Field Office	AZAR-0035743	Sulphur Springs Electric	Powerline	Route group 3	U1a
Safford Field Office	AZAR-0032324	Southwest Transmission Cooperative	Transmission line	Route group 3	U1a
Safford Field Office	AZAR-0030532	Santa Fe Pacific Pipeline	Pipeline	Route group 3	U1a
Safford Field Office	AZAR-0017019	Santa Fe Pacific Pipeline	Pipeline	Route group 3	U1a
Safford Field Office	AZAR-0008806	Santa Fe Pacific Pipe	Pipeline	Route group 3	U1a
Safford Field Office	AZAR-0000438	Doe Wtn. Area Power Administration	Power line	Route group 3	U1a

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
Upgrade Section - Apache Substation to Pantano Substation, cont'd.					
Safford Field Office	AZA-022099	Ammon Enterprises	Canal	Route group 3	none
Safford Field Office	AZA-020283	Sulphur Springs Electric	Powerline	Route group 3	P7
Safford Field Office	AZA-007428	Southwest Transmission Cooperative	Transmission Line	Route group 3	U1a
Safford Field Office	AZA-007272	El Paso Natural Gas Corporation	Pipeline	Route group 3	U1a
Safford Field Office	AZA-002951	El Paso Natural Gas Corporation	Pipeline	Route group 3	Gc
Tucson Field Office	AR-035743	Sulphur Springs Valley Corporation	69 kV powerline	Route group 3	U2, Alternative H
Tucson Field Office	PHX-027227	Union Pacific Railroad	Railroad	Route group 3	U2
Tucson Field Office	PHX-086569	Union Pacific Railroad	Railroad	Route group 3	U2
Tucson Field Office	PHX-061304	Union Pacific Railroad	Railroad	Route group 3	U2
Tucson Field Office	PHX-086067	El Paso Natural Gas Corporation	Pipeline	Route group 3	U2
Tucson Field Office	PHX-086533	New Mexico and Arizona Railroad	Railroad	Route group 3	None
Tucson Field Office	PHX-059620	Union Pacific Railroad	Railroad	Route group 3	None
Tucson Field Office	PHX-038465	Union Pacific Railroad	Railroad	Route group 3	None
Tucson Field Office	PHX-020970	Union Pacific Railroad	Railroad	Route group 3	None
Tucson Field Office	PHX-014180	Union Pacific Railroad	Railroad	Route group 3	None
Tucson Field Office	AZA-21412	BLM	Road	Route group 3	None
Tucson Field Office	AZA-059612	Union Pacific Railroad	Railroad	Route group 3	U1a
Tucson Field Office	PHX-027226	Union Pacific Railroad	Railroad	Route group 3	U2
Tucson Field Office	PHX-086523	Southern Pacific Railroad	Railroad	Route group 3	U2
Tucson Field Office	AZA-32862	Arizona Game and Fish	Road	Route group 3	U3a

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
Upgrade Section - Pantano Substation to Saguaro Substation					
Tucson Field Office	PHX-086542	Union Pacific Railroad	Railroad	Route group 4	None
Tucson Field Office	PHX-014756	Union Pacific Railroad	Railroad	Route group 4	None
Tucson Field Office	PHX-086575	Southern Pacific Railroad	Railroad	Route group 4	None
Tucson Field Office	PHX-086536	Union Pacific Railroad	Railroad	Route group 4	None
Tucson Field Office	PHX-073666	El Paso Natural Gas Corporation	Natural gas pipeline	Route group 3 & 4	U3a
Tucson Field Office	AR-012969	Western Area Power Administration	Substation	Route group 4	U3a
Tucson Field Office	AZA-35758	Pima County	Road	Route group 3 & 4	U3a
Tucson Field Office	AZA-33950	Broadwing Communications	Fiber optic line	Route group 3 & 4	U3a
Tucson Field Office	PHX-019619	Tucson Nogales Railroad	Railroad	Route group 4	none
Tucson Field Office	PHX-086836	Pima County	Highway	Route group 4	none
Tucson Field Office	PHX-086725	Pima County	Highway	Route group 4	none
Tucson Field Office	PHX-086680	Frank and Warren Allison	Canal	Route group 4	none
Tucson Field Office	AR-035768	Pima County	Road	Route group 4	none
Tucson Field Office	AR-05978	El Paso Natural Gas Corporation	10.75 inch natural gas pipeline	Route group 4	none
Tucson Field Office	AZA-32581	Tucson Water	Fiber optic line	Route group 4	none
Tucson Field Office	AZA-32454	Trico Electric	14.4 kV powerline	Route group 4	none
Tucson Field Office	AZA-26182	Pima County	Road	Route group 4	none
Tucson Field Office	AZA-7010	Pima County	Road	Route group 4	none
Tucson Field Office	AZA-6043	Century Link	Telephone line	Route group 4	none
Tucson Field Office	PHX-015584	Union Pacific Railroad	Railroad	Route group 4	U3b
Tucson Field Office	AR-031634	Tucson Water	Sewer and utility site	Route group 4	none
Tucson Field Office	AR-031193	ADOT	Road	Route group 4	U3b
Tucson Field Office	AR-030214	ADOT	Road	Route group 4	U3b
Tucson Field Office	AR-08806	Santa Fe Pacific Pipeline	12 inch natural gas pipeline	Route group 4	U3b
Tucson Field Office	AR-0438*	Western Area Power Administration	Transmission line	Route group 4	U3b
Tucson Field Office	AZA-32485	Tucson Electric Power	Power line	Route group 4	none

Table J-1. Existing Land Use Authorizations (Continued)

BLM District/Field Office	LUA No.	LUA Holder	Type	Route*	Segments Crossed
Upgrade Section - Pantano Substation to Saguaro Substation, cont'd.					
Tucson Field Office	AZA-821	City of Tucson	Road	Route group 4	none
Tucson Field Office	PHX-086553	University Canal	Reservoir and canal	Route group 4	none
Tucson Field Office	PHX-072747	El Paso Natural Gas Corporation	10.75 inch natural gas pipeline	Route group 4	none
Tucson Field Office	PHX-060948	Union Pacific Railroad	Railroad	Route group 4	U3l, U3m
Tucson Field Office	PHX-086548	Southern Pacific Railroad	Railroad	Route group 4	U3l, U3m
Tucson Field Office	AZA-32453	Trico Electric	14.4 and 24.9 kV powerline	Route group 4	None
Tucson Field Office	AZA-34659	Century Link	Telephone Line	Route group 4	U3l, U3m
Tucson Field Office	AZA-8979	Century Link	Fiber Optic Line	Route group 4	U3l, U3m
Tucson Field Office	AZA-18286	Pima County	Road	Route group 4	None
Tucson Field Office	AZA-18705	Pima County	Road	Route group 4	None
Tucson Field Office	AZA-22075	Bureau of Reclamation	Central Arizona Project Water Canal	Route group 4	U3i
Tucson Field Office	PHX-086524	Union Pacific Railroad	Railroad	Route group 4	U3h
Tucson Field Office	PHX-086531	Arizona Narrow Gauge	Railroad	Route group 4	None

*AR-0438 is the existing Western transmission line that would be upgraded in Route group 4.

*Some LUAs occur in more than one Route Group. LUAs that occur in more than one Route Group are indicated in the Route column.