

I. Route Data

The action alternatives consider a number of additions to the NFTS and changes to the existing NFTS. This appendix shows the route data listing of all additions and changes considered in an alternative. The route data identifies:

- the alternative(s) under which the additions or change to the existing NFTS is proposed;
- the type of vehicles allowed;
- season when the route would be open; and,
- mitigation measures and other requirements that would be implemented on the route prior to publication on a MVUM and allowing public use (see Appendix F, Maintenance and Mitigation Definitions).

I.01 ADDITIONS TO THE NFTS

Table I.01-1 lists the vehicle class, season of use (SEA) and mitigations/requirements for the additions to the NFTS proposed in one or more of the action alternatives.

Table I.01-1 Additions to the NFTS: Vehicle Class, Season of Use and Mitigation/Requirement

Route	RD	MI	SRC	Existing			Alternative					#	Quad Name	SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5				
16EV191	CAL	0.13	INV	UNT	ATV	NAT	ATV			ATV	ATV	4912	Calaveras Dome	3	
17EV130	CAL	0.81	INV	UNT	MC	NAT	MC			MC		4911	Tamarack	3	low impact barriers 300' north side; drain dips and tread harden >20% grade 700' and drain dips remainder
17EV275	CAL	0.01	INV	UNT	ALL	NAT	ALL			ALL		4911	Tamarack	3	
17EV275	CAL	0.02	INV	UNT	MC	NAT	MC			MC		4911	Tamarack	3	
17EV278	CAL	1.06	INV	UNT	ATV	NAT	ATV			ATV		4911	Tamarack	3	drain dips and tread harden >20% grade 400' and drain dips remainder
17EV279	CAL	1.08	INV	UNT	ATV	NAT	ATV			ATV		4911	Tamarack	3	drain dips and tread harden >20% grade 500' and drain dips remainder
17EV280	CAL	0.48	INV	UNT	MC	NAT	MC			MC		4911	Tamarack	3	drain dips and tread harden >20% grade 400' and drain dips remainder
17EV307	CAL	0.09	INV	UNT	ALL	NAT	ALL			ALL		4914	Liberty Hill	3	
18EV286	CAL	0.39	INV	UNT	ATV	NAT	ATV			ATV	ATV	4911	Tamarack	3	
18EV287	CAL	1.34	INV	UNT	ALL	NAT	ALL			ALL		4911	Tamarack	3	
18EV288	CAL	1.96	INV	UNT	MC	NAT	MC			MC		4911	Tamarack	3	drain dips and tread harden >20% grade 300' and drain dips remainder; tread harden approaches to 15' each side crossing 2; replace fill over culverts at crossing 6
18EV289	CAL	0.53	INV	UNT	ALL	NAT				4WD		4911	Tamarack	3	
18EV292	CAL	0.08	INV	UNT	ALL	NAT	4WD			ALL	4WD	4911	Tamarack	3	
18EV293	CAL	0.06	INV	UNT	ALL	NAT	4WD			4WD		4911	Tamarack	3	
18EV295	CAL	0.30	INV	UNT	ALL	NAT	4WD			4WD		4911	Tamarack	3	
18EV295A	CAL	0.06	INV	UNT	ALL	NAT	4WD			4WD		4911	Tamarack	3	
18EV297	CAL	0.08	INV	UNT	ALL	NAT	4WD			4WD	4WD	4902	Spicer Mdw Res	3	
18EV298	CAL	0.18	INV	UNT	ALL	NAT	4WD			4WD	4WD	4902	Spicer Mdw Res	3	
18EV299	CAL	0.14	INV	UNT	ALL	NAT	4WD			4WD	4WD	4902	Spicer Mdw Res	3	
18EV300	CAL	0.08	INV	UNT	ALL	NAT	4WD			4WD	4WD	4902	Spicer Mdw Res	3	
18EV301	CAL	0.09	INV	UNT	ALL	NAT	4WD			4WD	4WD	4902	Spicer Mdw Res	3	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
18EV303	CAL	0.10	INV	UNT	ALL	NAT	4WD			4WD	4WD	5063	Pacific Valley	3	
19EV110	CAL	0.09	INV	UNT	ALL	NAT	4WD			4WD	4WD	5063	Pacific Valley	3	
19EV111	CAL	0.32	INV	UNT	ALL	NAT	4WD			4WD		5063	Pacific Valley	3	
19EV111A	CAL	0.14	INV	UNT	ALL	NAT	4WD			4WD	4WD	5063	Pacific Valley	3	
19EV112	CAL	0.04	INV	UNT	ALL	NAT	4WD			4WD	4WD	5064	Ebbetts Pass	3	
19EV113	CAL	0.04	INV	UNT	ALL	NAT	4WD			4WD		5064	Ebbetts Pass	3	
20EV100	CAL	0.09	INV	UNT	ALL	NAT	4WD			4WD		5064	Ebbetts Pass	3	
20EV101A	CAL	0.05	INV	UNT	ALL	NAT	4WD			4WD	4WD	5064	Ebbetts Pass	3	
61602E	CAL	0.23	GIS	UNR	ALL	NAT				4WD		4912	Calaveras Dome	3	
61618A	CAL	0.04	MAP	UNR	ALL	NAT	ALL			ALL		4924	Dorrington	3	
FR10176	CAL	0.09	MAP	UNT	ALL	NAT	4WD			4WD		4912	Calaveras Dome	3	
FR14617	CAL	0.04	GPS	UNT	ALL	NAT	ALL			ALL	ALL	4912	Calaveras Dome	3	
FR8437	CAL	0.13	MAP	UNT	ALL	NAT	4WD			4WD	4WD	4901	Dardanelles Cone	3	
FR8784	CAL	0.07	MAP	UNT	ALL	NAT	4WD			4WD	4WD	5064	Ebbetts Pass	3	
FR9084	CAL	0.17	MAP	UNT	ALL	NAT	4WD			4WD		4913	Boards Crossing	3	
FR9090	CAL	0.17	MAP	UNT	ALL	NAT	4WD			4WD		4911	Tamarack	3	
FR9438	CAL	0.10	MAP	UNT	ALL	NAT	4WD			4WD	4WD	5064	Ebbetts Pass	3	drain dips 75' at pull-out parking
FR9439	CAL	0.16	MAP	UNT	ALL	NAT	4WD			4WD	4WD	5064	Ebbetts Pass	3	
FR9440	CAL	0.04	MAP	UNT	ALL	NAT	4WD			4WD	4WD	5064	Ebbetts Pass	3	
FR9441	CAL	0.18	MAP	UNT	ALL	NAT	4WD			4WD	4WD	4911	Tamarack	3	segment 2: rock barriers 300' between trail and Silver Creek; rock barriers 20' at high water line of North Fork Diversion
FR9501	CAL	0.09	MAP	UNR	ALL	NAT	4WD			4WD		4911	Tamarack	3	low impact barriers 300' north side
FR98607	CAL	0.05	INV	UNT	ALL	NAT	4WD			4WD		4924	Dorrington	3	
FR98622	CAL	0.04	INV	UNT	ALL	NAT	4WD			4WD		4913	Boards Crossing	3	
FR98623	CAL	0.05	INV	UNT	ALL	NAT	4WD			4WD		4913	Boards Crossing	3	
FR98624	CAL	0.20	INV	UNT	ALL	NAT	4WD			4WD		4913	Boards Crossing	3	
FR98625	CAL	0.06	INV	UNT	ALL	NAT	4WD			4WD		4913	Boards Crossing	3	
FR98627	CAL	0.06	INV	UNT	ALL	NAT	4WD			4WD		4913	Boards Crossing	3	
FR98630	CAL	0.04	INV	UNT	ALL	NAT	4WD			4WD		4914	Liberty Hill	3	
FR98631	CAL	0.06	INV	UNT	ALL	NAT	4WD			4WD		4914	Liberty Hill	3	
FR98633	CAL	0.10	INV	UNT	ALL	NAT	4WD			4WD		4921	Garnet Hill	3	
FR98634	CAL	0.05	INV	UNT	ALL	NAT	4WD			4WD		4921	Garnet Hill	3	
FR98636	CAL	0.11	INV	UNT	ALL	NAT	4WD			4WD		4912	Calaveras Dome	3	
FR98637	CAL	0.07	INV	UNT	ALL	NAT	4WD			4WD		4912	Calaveras Dome	3	
FR98638	CAL	0.04	INV	UNT	ALL	NAT	4WD			4WD		4912	Calaveras Dome	3	
FR98639	CAL	0.14	INV	UNT	ALL	NAT	4WD			4WD		4912	Calaveras Dome	3	
FR98643	CAL	0.08	INV	UNT	ALL	NAT	4WD			4WD		4912	Calaveras Dome	3	
FR98644	CAL	0.06	INV	UNT	ALL	NAT	4WD			4WD		4912	Calaveras Dome	3	
FR98646	CAL	0.05	INV	UNT	ALL	NAT	4WD			4WD		4911	Tamarack	3	
FR98647	CAL	0.04	INV	UNT	ALL	NAT	4WD			4WD		4911	Tamarack	3	
FR98660	CAL	0.05	INV	UNT	ALL	NAT	4WD			4WD		4911	Tamarack	3	
FR98661	CAL	0.12	INV	UNT	ALL	NAT	4WD			4WD		4911	Tamarack	3	
FR98662	CAL	0.07	INV	UNT	ALL	NAT	4WD			4WD		5064	Ebbetts Pass	3	
FR98663	CAL	0.05	INV	UNT	ALL	NAT	4WD			4WD		5064	Ebbetts Pass	3	
11808B	GR	0.03	GIS	UNT	ALL	NAT	4WD			4WD		4571	Duckwall Mt	3	SHPO consultation; tread harden wet area 100' MP 0.01-0.03
11908M	GR	0.13	GIS	UNT	ALL	NAT	4WD			4WD		4571	Duckwall Mt	3	
17EV182	GR	1.62	INV	UNT	ALL	NAT	ALL			ALL	ALL	4391	Buckhorn Peak	1	annual maintenance
17EV183	GR	0.64	INV	UNT	ALL	NAT	ALL			ALL	ALL	4391	Buckhorn Peak	1	annual maintenance; hardened drain dips >15% grade 1000' and drain dips remainder
17EV184	GR	0.60	INV	UNT	MC	NAT	MC			MC		4391	Buckhorn Peak	1	annual maintenance; drain dips 3000'
17EV192	GR	0.63	INV	UNT	ALL	NAT	ALL			ALL		4574	Jawbone Ridge	2	low impact barriers 100' each side; RLF: USFWS consultation; surveys; tread harden stream crossings

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
17EV192A	GR	0.06	INV	UNT	ALL	NAT	ALL			ALL		4574	Jawbone Ridge	2	SHPO consultation; RLF: USFWS consultation; surveys
17EV192B	GR	0.15	INV	UNT	ALL	NAT	ALL			ALL		4574	Jawbone Ridge	2	RLF: USFWS consultation; surveys; tread harden stream crossings
17EV194	GR	0.39	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	RLF: USFWS consultation; surveys; tread harden stream crossings
17EV195	GR	0.50	INV	UNT	ALL	NAT	ALL			ALL		4574	Jawbone Ridge	2	RLF surveys
17EV196	GR	0.19	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	RLF surveys
17EV197	GR	0.35	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	tread harden ephemeral drainage 20' MP 0.28; drain dips and tread harden >25% grade 100' and drain dips remainder; RLF surveys
17EV197	GR	0.46	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	tread harden ephemeral drainage 30' MP 0.01; drain dips and tread harden >25% grade 100' and drain dips remainder; drain dips 135' on left (looking upstream) approach to channel; RLF surveys
17EV197A	GR	0.05	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	
17EV317	GR	0.06	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	
17EV318	GR	0.13	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	
17EV319	GR	0.21	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	
17EV320	GR	0.13	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	
17EV321	GR	0.05	INV	UNT	ALL	NAT	ALL			ALL		4574	Jawbone Ridge	2	
17EV322	GR	0.04	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	
17EV323	GR	0.03	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	
17EV324	GR	0.03	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	
17EV325	GR	0.03	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	
17EV326	GR	0.02	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	
17EV327	GR	0.30	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	drain dips and tread harden >25% grade 700' and drain dips remainder
17EV328	GR	0.06	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	
17EV329	GR	0.05	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	tread harden wet seep/spring 150' MP 0.025
17EV330	GR	0.10	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	
17EV331	GR	0.11	INV	UNT	ALL	NAT	ALL			ALL		4574	Jawbone Ridge	2	
17EV332	GR	0.05	INV	UNT	ALL	NAT	ALL			ALL		4574	Jawbone Ridge	2	tread harden 265' MP 0.0-0.05
17EV901	GR	0.37	INV	UNT	ALL	NAT	ALL			ALL		4574	Jawbone Ridge	2	low impact barriers 100' each side; drain dips 480' MP 0.16-0.25; hardened drain dips >15% grade 1000' and drain dips remainder
18EV268	GR	0.51	INV	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	drain dips and tread harden >25% grade 200' and drain dips remainder
18EV269	GR	0.16	INV	UNT	ALL	NAT	ALL			ALL		4574	Jawbone Ridge	2	
18EV34	GR	1.27	INV	UNT	ATV	NAT	ATV			ATV		4744	Hull Creek	3	
1N1829	GR	0.08	MAP	UNT	ALL	NAT	ALL			ALL		4571	Duckwall Mt	3	
1S1727	GR	0.87		UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	low impact barriers 100' north side; drain dips and tread harden >25% grade 600' and drain dips remainder
1S1728	GR	0.47	MAP	UNT	ALL	NAT	4WD			4WD		4574	Jawbone Ridge	2	
1S1734A	GR	0.86	MAP	UNT	ALL	NAT				4WD		4574	Jawbone Ridge	2	hardened drain dips >15% grade 1300' and drain dips remainder; RLF surveys
1S1736	GR	0.46	MAP	UNT	ATV	NAT	ATV			ATV		4574	Jawbone Ridge	2	low impact barriers 1300' each side; drain dips and tread harden >25% grade 400' and drain dips remainder

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement	
				SYS	USE	SUR	1	2	3	4	5	#	Name			
1S17E35B	GR	0.34	INV	UNT	ATV	NAT	ATV				ATV		4574	Jawbone Ridge	2	drain dips and tread harden >25% grade 400' and drain dips remainder; RLF surveys
1S17M	GR	1.13	MAP	UNT	ATV	NAT	ATV				ATV		4574	Jawbone Ridge	2	RLF: USFWS consultation; surveys; tread harden stream crossings
1S1811	GR	0.56	MAP	UNT	ALL	NAT					4WD		4563	Ascension Mt	3	
1S1822B	GR	0.05	MAP	UNT	ALL	NAT	4WD				4WD		4563	Ascension Mt	2	
1S1822C	GR	0.31	MAP	UNT	ALL	NAT					4WD		4563	Ascension Mt	2	hardened drain dips >15% grade 500' and drain dips remainder
1S1824	GR	0.36	MAP	UNT	ALL	NAT					ALL		4563	Ascension Mt	2	
1S1902	GR	0.24	MAP	UNT	ALL	NAT	4WD				4WD		4561	Lake Eleanor	2	
1S1907A	GR	0.39	MAP	UNT	ALL	NAT					4WD		4563	Ascension Mt	2	SHPO consultation
1S1909	GR	0.25	MAP	UNT	ALL	NAT	4WD				4WD		4563	Ascension Mt	2	
1S1913	GR	0.72	MAP	UNT	ALL	NAT					ALL		4564	Ackerson Mt	2	
1S1920	GR	0.81	MAP	UNT	ALL	NAT					ALL		4563	Ascension Mt	2	
1S1929	GR	0.15	MAP	UNT	ALL	NAT	4WD				4WD		4563	Ascension Mt	2	
1S1929C	GR	0.19	GIS	UNR	ALL	NAT	4WD				4WD		4563	Ascension Mt	2	
1S1930	GR	1.69	MAP	UNT	ALL	NAT	ALL				ALL	ALL	4563	Ascension Mt	2	
1S1933	GR	0.37	MAP	UNT	ALL	NAT	4WD				4WD		4563	Ascension Mt	2	low impact barriers and No Vehicles signs 500' each side
2N1820	GR	0.34	MAP	UNT	ALL	NAT	ALL				ALL		4744	Hull Creek	3	tread harden Reed Creek crossing 125' MP 0.25-0.27
2N1905	GR	0.25	MAP	UNT	ALL	NAT	ALL				ALL	ALL	4733	Cherry Lake N	3	hardened drain dips >15% grade 600' and drain dips remainder
2S1804	GR	0.94	MAP	UNT	ATV	NAT	ATV				ATV		4563	Ascension Mt	2	drain dips and tread harden 1 sect 1375' MP 0.68-0.94
2S1906	GR	0.42	MAP	UNT	ALL	NAT	4WD				4WD		4563	Ascension Mt	2	hardened drain dips >15% grade 500' and drain dips remainder
FR10178	GR	0.64	MAP	UNR	ALL	NAT	4WD				4WD		4391	Buckhorn Peak	1	RLF surveys
FR10200	GR	0.37	MAP	UNT	ALL	NAT					ALL		4391	Buckhorn Peak	1	waterbars 2000'
FR14721	GR	0.12	MAP	UNR	ALL	NAT	4WD				4WD		4563	Ascension Mt	2	
FR4688	GR	0.73	MAP	UNR	ALL	NAT	ALL				ALL	ALL	4574	Jawbone Ridge	1	
FR5540	GR	0.47	MAP	UNT	ALL	NAT	4WD				4WD		4563	Ascension Mt	2	
FR6468	GR	0.04	MAP	UNR	ALL	NAT	ALL				ALL		4564	Ackerson Mt	2	
FR6468	GR	0.18	MAP	UNR	ALL	NAT	ALL				ALL		4564	Ackerson Mt	2	
FR6468	GR	0.02	MAP	UNR	ALL	NAT	ALL				ALL		4564	Ackerson Mt	2	
FR6550	GR	2.27	MAP	UNR	ALL	NAT	ALL				ALL		4573	Groveland	1	hardened drain dips >15% grade 1400' and drain dips remainder
FR8165	GR	0.05	MAP	UNT	ALL	NAT	4WD				4WD		4563	Ascension Mt	2	SHPO consultation
FR83630	GR	0.21	INV	UNR	ALL	NAT					ALL		4744	Hull Creek	3	
FR8472	GR	0.18	MAP	UNT	ALL	NAT	4WD				4WD		4562	Cherry Lake S	3	
FR8516	GR	0.05	MAP	UNT	ALL	NAT	4WD				4WD		4382	Kinsley	2	RLF surveys
FR8601	GR	0.47	MAP	UNR	ALL	NAT	4WD				4WD		4564	Ackerson Mt	2	low impact barriers 200' each side
FR8762	GR	0.13	MAP	UNT	ALL	NAT	4WD				4WD		4564	Ackerson Mt	2	
FR8843	GR	0.86	MAP	UNT	ALL	NAT	4WD				4WD		4391	Buckhorn Peak	1	
FR8986	GR	0.51	MAP	UNT	ALL	NAT	4WD				4WD		4562	Cherry Lake S	2	
FR9140	GR	0.04	MAP	UNT	ALL	NAT	4WD				4WD		4563	Ascension Mt	2	
FR9359	GR	0.13	MAP	UNR	ALL	NAT	4WD				4WD		4563	Ascension Mt	2	
FR98472	GR	0.67	MAP	UNT	ALL	NAT	4WD				4WD		4564	Ackerson Mt	2	
FR98476	GR	0.50	INV	UNT	ALL	NAT	4WD				4WD		4381	EI Portal	2	hardened drain dips >15% grade 500' and drain dips remainder
FR98477	GR	0.13	INV	UNT	ALL	NAT	4WD				4WD		4381	EI Portal	2	
FR98479	GR	0.06	INV	UNT	ALL	NAT	4WD				4WD		4381	EI Portal	2	
FR98481	GR	0.03	INV	UNT	ALL	NAT	4WD				4WD		4382	Kinsley	2	SHPO consultation; RLF surveys

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				SYS	USE	SUR	1	2	3	4	5	#	Name		
FR98482	GR	0.06	INV	UNT	ALL	NAT	4WD			4WD		4382	Kinsley	2	SHPO consultation
FR98483	GR	0.03	INV	UNT	ALL	NAT	4WD			4WD		4382	Kinsley	2	
FR98484	GR	0.04	INV	UNT	ALL	NAT	4WD			4WD		4391	Buckhorn Peak	2	
FR98485	GR	0.08	INV	UNT	ALL	NAT	4WD			4WD		4391	Buckhorn Peak	1	
FR98486	GR	0.21	INV	UNT	ALL	NAT	4WD			4WD		4391	Buckhorn Peak	2	
FR98488	GR	0.05	INV	UNT	ALL	NAT	4WD			4WD		4391	Buckhorn Peak	2	RLF: USFWS consultation; surveys
FR98491	GR	0.19	INV	UNT	ALL	NAT	4WD			4WD		4574	Jawbone Ridge	2	
FR98492	GR	0.09	INV	UNT	ALL	NAT	4WD			4WD		4574	Jawbone Ridge	2	
FR98493	GR	0.02	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	SHPO consultation
FR98494	GR	0.02	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98495	GR	0.05	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98496	GR	0.28	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98501	GR	0.08	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98502	GR	0.02	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98503	GR	0.09	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98504	GR	0.07	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98506	GR	0.14	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98507	GR	0.05	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	SHPO consultation
FR98508	GR	0.06	INV	UNT	ALL	NAT	4WD			4WD		4574	Jawbone Ridge	2	RLF: USFWS consultation; surveys
FR98509	GR	0.03	INV	UNT	ALL	NAT	4WD			4WD		4574	Jawbone Ridge	2	RLF: USFWS consultation; surveys
FR98510	GR	0.04	INV	UNT	ALL	NAT	4WD			4WD		4574	Jawbone Ridge	2	RLF: USFWS consultation; surveys
FR98511	GR	0.15	INV	UNT	ALL	NAT	4WD			4WD		4382	Kinsley	2	RLF: USFWS consultation; surveys
FR98513	GR	0.03	INV	UNT	ALL	NAT	4WD			4WD		4382	Kinsley	2	RLF surveys
FR98514	GR	0.04	INV	UNT	ALL	NAT	4WD			4WD		4382	Kinsley	2	RLF: USFWS consultation; surveys; tread harden stream crossings
FR98515	GR	0.09	INV	UNT	ALL	NAT	4WD			4WD		4382	Kinsley	2	
FR98520	GR	0.03	INV	UNT	ALL	NAT	4WD			4WD		4382	Kinsley	2	
FR98522	GR	0.04	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98523	GR	0.08	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98524	GR	0.03	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98529	GR	0.13	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98530	GR	0.07	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98531	GR	0.03	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98533	GR	0.10	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98535	GR	0.03	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	drain dips 180' MP 0.0-0.03
FR98537	GR	0.09	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98538	GR	0.14	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98539	GR	0.10	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98540	GR	0.03	INV	UNT	ALL	NAT	4WD			4WD		4561	Lake Eleanor	2	
FR98541	GR	0.07	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	SHPO consultation
FR98544	GR	0.08	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	3	
FR98545	GR	0.05	INV	UNT	ALL	NAT	4WD			4WD		4562	Cherry Lake S	3	
FR98546	GR	0.03	INV	UNT	ALL	NAT	4WD			4WD		4562	Cherry Lake S	2	
FR98547	GR	0.08	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98548	GR	0.04	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	
FR98549	GR	0.39	INV	UNT	ALL	NAT	4WD			4WD		4574	Jawbone Ridge	2	
FR98550	GR	0.17	INV	UNT	ALL	NAT	4WD			4WD		4574	Jawbone Ridge	2	
FR98551	GR	0.02	INV	UNT	ALL	NAT	4WD			4WD		4381	El Portal	2	
FR98552	GR	0.03	INV	UNT	ALL	NAT	4WD			4WD		4563	Ascension Mt	2	SHPO consultation
FR98553	GR	0.14	INV	UNT	ALL	NAT	4WD			4WD		4391	Buckhorn Peak	2	
FR98554	GR	0.04	INV	UNT	ALL	NAT	4WD			4WD		4382	Kinsley	2	SHPO consultation
FR98555	GR	0.02	INV	UNT	ALL	NAT	4WD			4WD		4564	Ackerson Mt	2	
FR98560	GR	0.06	INV	UNT	ALL	NAT	4WD			4WD		4564	Ackerson Mt	2	
FR98563	GR	0.86	INV	UNT	ALL	NAT	4WD			4WD		4564	Ackerson Mt	1	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement	
				SYS	USE	SUR	1	2	3	4	5	#	Name			
FR98566	GR	0.05	INV	UNT	ALL	NAT	4WD			4WD			4391	Buckhorn Peak	1	RLF: USFWS consultation; surveys
FR98575	GR	0.13	INV	UNT	ALL	NAT	4WD			4WD			4573	Groveland	1	drain dips 680'; RLF: USFWS consultation; surveys
FR98577	GR	0.03	INV	UNT	ALL	NAT	4WD			4WD			4561	Lake Eleanor	2	
FR98580	GR	0.13	INV	UNT	ALL	NAT	4WD			4WD			4562	Cherry Lake S	2	
FR98581	GR	0.11	INV	UNT	ALL	NAT	4WD			4WD			4562	Cherry Lake S	2	
FR98582	GR	0.06	INV	UNT	ALL	NAT	4WD			4WD			4562	Cherry Lake S	2	
FR98583	GR	0.07	INV	UNT	ALL	NAT	4WD			4WD			4562	Cherry Lake S	2	
FR98584	GR	0.06	INV	UNT	ALL	NAT	4WD			4WD			4562	Cherry Lake S	2	
FR98585	GR	0.06	INV	UNT	ALL	NAT	4WD			4WD			4562	Cherry Lake S	2	
FR98586	GR	0.06	INV	UNT	ALL	NAT	4WD			4WD			4562	Cherry Lake S	2	
FR98587	GR	0.04	INV	UNT	ALL	NAT	4WD			4WD			4562	Cherry Lake S	2	
FR98591	GR	0.05	INV	UNT	ALL	NAT	4WD			4WD			4744	Hull Creek	3	
FR98592	GR	0.08	INV	UNT	ALL	NAT	4WD			4WD			4744	Hull Creek	3	drain dips last 1000'
FR98593	GR	0.09	INV	UNT	ALL	NAT	4WD			4WD			4744	Hull Creek	3	
FR98670	GR	0.20	INV	UNT	ALL	NAT	4WD			4WD			4574	Jawbone Ridge	2	
FR98671	GR	0.09	INV	UNT	ALL	NAT	4WD			4WD			4574	Jawbone Ridge	2	SHPO consultation
FR98672	GR	0.07	INV	UNT	ALL	NAT	4WD			4WD			4562	Cherry Lake S	2	
FR98674	GR	0.06	INV	UNR	ALL	NAT	4WD			4WD			4562	Cherry Lake S	2	
FR98675	GR	0.06	INV	UNR	ALL	NAT	4WD			4WD			4562	Cherry Lake S	2	
FR98676	GR	0.06	INV	UNR	ALL	NAT	4WD			4WD			4562	Cherry Lake S	3	
FS08490	GR	0.09	INV	UNT	ALL	NAT	4WD			4WD			4574	Jawbone Ridge	2	
22	MW	0.08	INV	UNT	ATV	NAT	ATV			ATV	ATV		4743	Twain Harte	2	
16E182	MW	0.27	GIS	UNT	ALL	NAT	ALL			ALL			4571	Duckwall Mt	3	
16E183	MW	1.26	GIS	UNT	ALL	NAT	ALL			ALL	ALL		4743	Twain Harte	3	annual maintenance; rock barriers 50' at base of incline; waterbars 3200'
11715A	MW	0.52	MAP	UNR	ALL	NAT	4WD			4WD			4571	Duckwall Mt	2	annual maintenance
15EV38	MW	0.60	INV	UNT	ALL	NAT	4WD			4WD			4754	Columbia SE	2	annual maintenance; hardened drain dips > 15% grade 1800' and drain dips remainder.
15EV43C	MW	0.69	INV	UNT	ALL	NAT	ATV			ATV			4754	Columbia SE	1	annual maintenance; drain dips and tread harden >25% grade 500' and drain dips remainder
15EV43G	MW	0.51	INV	UNT	ALL	NAT	ATV			ATV			4753	Columbia	1	annual maintenance
15EV46	MW	0.28	INV	UNT	ATV	NAT	ATV			ATV			4754	Columbia SE	2	annual maintenance; drain dips and tread harden >25% grade 200' and drain dips remainder
15EV47	MW	0.63	INV	UNT	ATV	NAT	MC			MC			4754	Columbia SE	2	annual maintenance; drain dips and tread harden >25% grade 1000' and drain dips remainder
15EV47A	MW	0.12	INV	UNT	ATV	NAT	ALL			ALL			4754	Columbia SE	2	
15EV48	MW	0.64	INV	UNT	MC	NAT	ALL			ALL			4754	Columbia SE	2	drain dips 925' MP 0.0-0.175; drain dips 700' from 16E182A to end
15EV54	MW	0.18	INV	UNT	ALL	NAT	ALL			ALL			4754	Columbia SE	2	drain dips 400' MP 0.025-0.1
16E182A	MW	0.19	INV	UNT	ALL	NAT	ALL			ALL			4571	Duckwall Mt	3	
16EV01	MW	0.05	INV	UNT	ALL	NAT	4WD			4WD			4743	Twain Harte	2	hardened drain dips >15% grade 900' and drain dips remainder
16EV101	MW	1.90	INV	UNT	MC	NAT	MC			MC			4743	Twain Harte	2	tread harden 300' MP 0.4 to 0.45 ; drain dips and tread harden >20% grade 300' and drain dips remainder
16EV106	MW	1.50	INV	UNT	MC	NAT	MC			MC			4742	Crandall Peak	2	tread harden 3 sections 230' MP 0.8-0.85, 1.0-1.05, and 1.4-1.45
16EV108	MW	0.74	INV	UNT	MC	NAT	MC			MC			4743	Twain Harte	2	rock barriers 50' at base of hill climb; tread harden 260' MP 0.525-0.575; drain dips and tread harden >20% grade 700' and drain dips remainder
16EV109	MW	1.14	INV	UNT	MC	NAT	MC			MC	MC		4743	Twain Harte	2	drain dips and tread harden

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
															>20% grade 900' and drain dips remainder
16EV109	MW	0.61	INV	UNT	MC	NAT	MC			MC	MC	4743	Twain Harte	2	drain dips and tread harden >20% grade 400' and drain dips remainder
16EV110	MW	1.15	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	
16EV111	MW	0.44	INV	UNT	MC	NAT	MC			MC	MC	4743	Twain Harte	2	tread harden 150' MP 0.05-0.1; drain dips and tread harden >20% grade 150' and drain dips remainder
16EV112	MW	0.17	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	drain dips 900'
16EV115	MW	2.40	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	tread harden 260' MP 0.75-0.8
16EV117	MW	0.21	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	
16EV123	MW	0.33	INV	UNT	ATV	NAT	ATV			ATV		4742	Crandall Peak	2	
16EV124	MW	0.15	INV	UNT	ATV	NAT	ATV			ATV		4742	Crandall Peak	2	
16EV133	MW	0.43	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	drain dips 2200'
16EV136	MW	1.19	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	drain dips and tread harden >20% grade 600' and drain dips remainder
16EV137	MW	0.45	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	annual maintenance; tread harden 2 sections 240' MP 0.19-0.23 and 0.25-0.26 ; drain dips and tread harden >20% grade 400' and drain dips remainder
16EV141	MW	0.87	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	tread harden ephemeral drainage 20' MP 0.55; drain dips and tread harden >20% grade 200' and drain dips on remainder; tread harden crossing 15' each side of channel
16EV152	MW	0.56	INV	UNT	ATV	NAT	ATV			ATV		4742	Crandall Peak	2	
16EV152	MW	0.33	INV	UNT	ATV	NAT	ATV			ATV		4742	Crandall Peak	2	
16EV154	MW	1.13	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	
16EV155	MW	0.06	INV	UNT	ALL	NAT	ALL			ALL		4742	Crandall Peak	2	
16EV160	MW	1.31	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	tread harden 70' MP 0.25; tread harden ephemeral drainage 5 sections 195' total; boardwalk 10'
16EV176	MW	0.04	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	drain dips 2600'
16EV176	MW	0.50	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	
16EV177	MW	0.27	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	drain dips 1400'
16EV178	MW	0.66	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	drain dips and tread harden >20% grade 400' and drain dips remainder
16EV207	MW	0.03	INV	UNT	MC	NAT				MC		4754	Columbia SE	2	
16EV209	MW	0.14	INV	UNT	ATV	NAT				ATV		4743	Twain Harte	2	rock barriers 740' along creek at occurrence
16EV210	MW	0.09	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	
16EV211	MW	0.08	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	
16EV213	MW	0.06	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	
16EV222	MW	0.31	INV	UNT	MC	NAT				MC		4743	Twain Harte	2	tread harden ephemeral drainage 40' MP 0.06; tread harden 425' MP 0.12-0.23; drain dips 880' MP 0.06-0.23; drain dips and tread harden 425' and dips remainder
16EV223	MW	1.35	INV	UNT	ATV	NAT	ATV			ATV		4743	Twain Harte	2	drain dips and tread harden >20% grade 700' and drain dips remainder
16EV229	MW	0.37	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	tread harden ephemeral drainage 60' MP 0.37; tread harden 2 sections 500' MP 0.075-0.125 and 0.225-0.275; drain dips and tread harden

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
															>20% grade 700' and drain dips remainder
16EV230	MW	0.78	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	tread harden ephemeral drainage 3 sections 165' MP 0.0, 0.4, and 0.525; tread harden 2 sections 300' MP 0.01-0.05 and 0.35-0.4; drain dips and tread harden >20% grade 800' and drain dips remainder
16EV236	MW	0.96	INV	UNT	MC	NAT	MC			MC	MC	4743	Twain Harte	2	
16EV237	MW	0.09	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	
16EV240	MW	0.11	INV	UNT	MC	NAT				MC		4743	Twain Harte	2	
16EV243	MW	0.31	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	padding 60' x 3'
16EV244	MW	0.49	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	
16EV247	MW	0.68	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	
16EV248	MW	0.93	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	tread harden 2 sections 1850' MP 0.2-0.25 and 0.4-0.7
16EV249	MW	0.28	INV	UNT	MC	NAT	MC			MC	MC	4743	Twain Harte	2	tread harden 160' MP 0.21-0.24
16EV251	MW	0.32	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	tread harden 240' MP 0.21-0.27
16EV253	MW	0.89	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	tread harden 2 sections 320' MP 0.32-0.34 and 0.5-0.54
16EV254	MW	0.51	INV	UNT	MC	NAT	MC			MC	MC	4743	Twain Harte	2	tread harden ephemeral drainage; 2 sections 120' MP 0.3 and 0.38.; drain dips and tread harden >20% grade 800' and drain dips remainder; drain dips 50' MP 0.375 on left approach looking upstream
16EV255	MW	0.43	INV	UNT	MC	NAT	MC			MC	MC	4743	Twain Harte	2	tread harden ephemeral drainage 40' MP 0.18; tread harden 135' MP 0.35-0.375.; drain dips and tread harden >20% grade 400' and drain dips remainder
16EV256	MW	0.24	INV	UNT	ALL	NAT	ALL			ALL	ALL	4742	Crandall Peak	2	
16EV257	MW	1.37	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	
16EV257A	MW	0.03	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	
16EV258	MW	0.47	INV	UNT	MC	NAT				MC		4743	Twain Harte	2	
16EV258	MW	0.09	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	tread harden ephemeral drainage; 2 sections 110' total. MP 0.01 and 0.2.
16EV259	MW	0.45	INV	UNT	MC	NAT				MC	MC	4743	Twain Harte	2	
16EV259	MW	0.09	INV	UNT	MC	NAT	MC			MC	MC	4743	Twain Harte	2	
16EV259A	MW	0.17	MAP	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	padding 300' x 4'
16EV262	MW	0.09	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	
16EV263	MW	0.02	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	
16EV265	MW	0.12	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	rock barriers 182' along occurrence; tread harden Deer Creek 75' MP 0.025
16EV266	MW	0.21	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	padding 300' x 4'; barriers (rock, log or fence) 30'
16EV266A	MW	0.03	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	OHV cattleguard on existing fence line MP 0.02
16EV267	MW	0.27	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	drain dips and tread harden >20% grade 300' and drain dips remainder
16EV268	MW	0.38	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	
16EV269	MW	0.22	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	tread harden ephemeral drainage 50'
16EV272	MW	0.53	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	
16EV273	MW	0.19	INV	UNT	ATV	NAT				ATV		4743	Twain Harte	2	low impact barriers 100' each side
16EV292	MW	0.14	INV	UNT	ALL	NAT	4WD			4WD		4742	Crandall Peak	2	
16EV296	MW	0.36	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
16EV299	MW	0.40	INV	UNT	ATV	NAT				ATV		4743	Twain Harte	3	drain dips and tread harden >25% grade 800' and drain dips remainder
16EV299B	MW	0.26	INV	UNT	ATV	NAT				ATV		4743	Twain Harte	3	drain dips and tread harden >25% grade 200' and drain dips remainder
16EV302	MW	0.31	INV	UNT	MC	NAT	MC			MC	MC	4743	Twain Harte	2	
16EV303	MW	0.20	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	
16EV304	MW	0.09	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	
16EV305	MW	0.54	INV	UNT	MC	NAT	PER			PER	PER	4742	Crandall Peak	2	drain dips and tread harden >20% grade 300' and drain dips remainder
16EV306	MW	0.16	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	
16EV318	MW	0.45	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	hardened drain dips >15% grade 600' and drain dips remainder
16EV54	MW	2.36	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	tread harden ephemeral drainage 9 sections 500' MP 0.3, 0.55, 0.78, 1.1, 1.28, 1.5, 1.88, 2.0, 2.1, 2.23, and 2.43. tread harden 260' MP 0.275-0.325; drain dip at MP 2.1; tread harden 10' above drain dip
16EV78	MW	0.19	INV	UNT	ATV	NAT	ATV			ATV		4743	Twain Harte	2	
16EV79	MW	0.61	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	
16EV79	MW	0.85	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	
16EV81	MW	0.54	INV	UNT	MC	NAT	MC			MC		4743	Twain Harte	2	low impact barriers 2850' each side
17EV101	MW	1.06	INV	UNT	MC	NAT				MC		4742	Crandall Peak	2	barriers (rock, log or fence) 40' MP 0.12; drain dips and tread harden >20% grade 700' and drain dips remainder
17EV104	MW	0.87	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	
17EV11	MW	0.48	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	drain dips 2500'
17EV11	MW	0.91	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
17EV117	MW	0.55	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	
17EV117	MW	0.57	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	
17EV118	MW	1.37	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	tread harden ephemeral drainage 15' MP 0.52; tread harden 100' MP 0.52-0.54; drain dips and tread harden >20% grade 1000' and drain dips remainder
17EV12	MW	0.83	INV	UNT	ALL	NAT				ALL		4744	Hull Creek	3	
17EV120	MW	0.11	INV	UNT	MC	NAT	MC			MC		4742	Crandall Peak	2	
17EV121	MW	0.50	INV	UNT	MC	NAT	PER			PER		4742	Crandall Peak	2	drain dips and tread harden >20% grade 800' and drain dips remainder
17EV122B	MW	0.29	INV	UNT	MC	NAT	PER			PER		4742	Crandall Peak	2	
17EV122B	MW	0.05	INV	UNT	MC	NAT	PER			PER		4742	Crandall Peak	2	
17EV14	MW	0.74	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	low impact barriers 250' each side; tread harden ephemeral drainage 3 sections 600' MP 1.19, 1.2, and 1.28; tread harden segment 1 spring crossing with rock ballast; tread harden segment 2 stream crossing and approaches 20' either side
17EV15	MW	0.35	INV	UNT	ATV	NAT				ATV		4744	Hull Creek	3	
17EV153	MW	0.31	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
17EV153	MW	0.25	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
17EV157	MW	0.11	INV	UNT	ALL	NAT	ALL			ALL	ALL	4744	Hull Creek	3	
17EV15B	MW	0.79	INV	UNT	ATV	NAT	ATV			ATV		4744	Hull Creek	3	low impact barriers 50' each side

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
17EV160	MW	0.15	INV	UNT	ALL	NAT	ALL			ALL	ALL	4744	Hull Creek	3	
17EV162	MW	0.19	INV	UNT	ATV	NAT	ATV			ATV		4744	Hull Creek	3	
17EV202	MW	0.38	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	3	
17EV205	MW	0.25	INV	UNT	ATV	NAT	ATV			ATV	ATV	4743	Twain Harte	3	
17EV210	MW	1.09	INV	UNT	ATV	NAT	ATV			ATV		4742	Crandall Peak	2	drain dips and tread harden >20% grade 700' and drain dips remainder
17EV210A	MW	0.32	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	
17EV212	MW	1.19	INV	UNT	ALL	NAT				4WD		4741	Strawberry	2	
17EV220	MW	0.33	INV	UNT	ALL	NAT	4WD			ALL	4WD	4743	Twain Harte	3	
17EV220B	MW	0.05	INV	UNT	ALL	NAT	4WD			ALL	4WD	4743	Twain Harte	3	
17EV23	MW	0.47	INV	UNT	ALL	NAT				4WD		4741	Strawberry	2	
17EV231	MW	0.32	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	
17EV233	MW	0.13	INV	UNT	ATV	NAT				ATV		4742	Crandall Peak	2	not recommended for inclusion; recommend re-route; tread harden stream approaches 100' each side of drainage
17EV233	MW	0.25	INV	UNT	ATV	NAT				ATV		4742	Crandall Peak	2	not recommended for inclusion; recommend re-route
17EV235	MW	0.59	INV	UNT	MC	NAT	MC			MC	MC	4742	Crandall Peak	2	tread harden ephemeral drainage 30' MP 0.2
17EV236	MW	0.26	INV	UNT	ATV	NAT	ATV			ATV		4742	Crandall Peak	2	drain dips and tread harden >20% grade 400' and drain dips remainder
17EV237	MW	0.16	INV	UNT	ATV	NAT	ATV			ATV	ATV	4742	Crandall Peak	2	
17EV238	MW	0.68	INV	UNT	ALL	NAT	ALL			ALL	ALL	4741	Strawberry	2	
17EV238A	MW	0.29	INV	UNT	ALL	NAT	ALL			ALL	ALL	4741	Strawberry	2	
17EV239	MW	0.24	INV	UNT	ALL	NAT	ALL			ALL	ALL	4741	Strawberry	2	
17EV240	MW	0.19	INV	UNT	ALL	NAT	ALL			ALL	ALL	4741	Strawberry	2	
17EV241	MW	0.27	INV	UNT	ATV	NAT	ATV			ATV	ATV	4741	Strawberry	2	
17EV245	MW	0.07	INV	UNT	ALL	NAT	4WD			ALL	4WD	4741	Strawberry	2	
17EV249	MW	0.12	INV	UNT	ALL	NAT	4WD			ALL		4741	Strawberry	2	SHPO consultation; hardened drain dips >15% grade 500' and drain dips remainder
17EV249A	MW	0.10	INV	UNT	ALL	NAT	4WD			ALL		4741	Strawberry	2	SHPO consultation
17EV254	MW	0.12	INV	UNT	ALL	NAT				ALL		4741	Strawberry	2	
17EV255	MW	0.48	INV	UNT	ATV	NAT				ATV		4741	Strawberry	2	drain dips and tread harden >20% grade 500' and drain dips remainder
17EV261	MW	0.18	INV	UNT	ALL	NAT	4WD			ALL	4WD	4744	Hull Creek	2	
17EV261A	MW	0.07	INV	UNT	ALL	NAT	4WD			ALL	4WD	4744	Hull Creek	3	
17EV263	MW	0.18	INV	UNT	ALL	NAT				ALL		4744	Hull Creek	3	
17EV264	MW	0.14	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
17EV266	MW	0.26	INV	UNT	ALL	NAT				ALL		4741	Strawberry	2	
17EV267	MW	0.22	INV	UNT	ALL	NAT	4WD			ALL		4741	Strawberry	2	SHPO consultation
17EV268	MW	0.39	INV	UNT	ALL	NAT	4WD			ALL		4741	Strawberry	2	SHPO consultation; barriers (rock, log or fence) 1200' MP 0.16-0.39; rock barriers 20' at lower route
17EV28	MW	1.38	INV	UNT	ATV	NAT				ATV		4744	Hull Creek	3	tread harden ephemeral drainage 3 sections 200' MP 0.13, 0.64, and 1.3; drain dips and tread harden >20% grade 800' and drain dips remainder; tread harden crossing and approaches for 15' on either side Camp 25 Mile Creek; tread harden approaches for 15' on either side of Two Mile Creek; drain dips 100' on steep slopes leading to Two Mile Creek
17EV281	MW	0.27	INV	UNT	ALL	NAT	ALL			ALL	ALL	4741	Strawberry	2	
17EV282	MW	0.10	INV	UNT	ALL	NAT	ALL			ALL	ALL	4741	Strawberry	2	
17EV283	MW	0.20	INV	UNT	MC	NAT	MC			MC	MC	4741	Strawberry	2	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
17EV289	MW	0.66	INV	UNT	ATV	NAT	ATV			ATV		4743	Twain Harte	3	
17EV28A	MW	0.08	INV	UNT	ALL	NAT	ALL			ALL	ALL	4744	Hull Creek	3	
17EV290	MW	0.40	INV	UNT	ALL	NAT	ALL			ALL	ALL	4744	Hull Creek	3	
17EV293	MW	0.79	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
17EV297	MW	0.49	INV	UNT	ATV	NAT				ATV		4744	Hull Creek	3	tread harden ephemeral drainage 2 sections 330' MP 0.75 and 0.23
17EV299	MW	0.59	INV	UNT	ATV	NAT	ATV			ATV		4744	Hull Creek	3	
17EV300	MW	0.23	INV	UNT	ALL	NAT	ALL			ALL	ALL	4744	Hull Creek	3	
17EV303	MW	0.83	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
17EV306	MW	0.14	INV	UNT	ALL	NAT				4WD		4743	Twain Harte	3	
17EV34	MW	0.27	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
17EV37	MW	0.93	INV	UNT	ATV	NAT	ATV			ATV		4744	Hull Creek	3	
17EV45	MW	1.68	INV	UNT	ATV	NAT	ATV			ATV		4744	Hull Creek	3	
17EV50	MW	2.27	INV	UNT	ATV	NAT				ATV		4744	Hull Creek	3	drain dips and tread harden >20% grade 700' and drain dips remainder
17EV51	MW	3.06	INV	UNT	ATV	NAT				ATV		4744	Hull Creek	3	
17EV51	MW	0.84	INV	UNT	ATV	NAT	ATV			ATV	ATV	4744	Hull Creek	3	tread harden ephemeral drainage 30' MP 0.627
17EV53	MW	2.97	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
17EV54	MW	0.50	INV	UNT	ATV	NAT	ATV			ATV		4744	Hull Creek	3	
17EV58	MW	1.19	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
17EV60	MW	0.51	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
17EV60	MW	0.55	INV	UNT	ATV	NAT	ATV			ATV		4744	Hull Creek	3	
17EV67	MW	0.28	INV	UNT	ATV	NAT	ATV			ATV	ATV	4744	Hull Creek	3	tread harden ephemeral drainage 40' MP 0.17 (Wrights Creek)
17EV67A	MW	0.36	INV	UNT	ATV	NAT	ATV			ATV	ATV	4744	Hull Creek	3	
17EV71	MW	1.14	INV	UNT	ATV	NAT	ATV			ATV		4743	Twain Harte	3	tread harden 20' (seep/spring area) MP 0.7
17EV75	MW	0.46	INV	UNT	ATV	NAT	ATV			ATV	ATV	4744	Hull Creek	3	drain dips and tread harden >20% grade 400' and drain dips remainder
17EV78	MW	0.30	INV	UNT	ATV	NAT	ATV			ATV		4744	Hull Creek	3	
17EV79	MW	1.29	INV	UNT	ATV	NAT	ATV			ATV		4744	Hull Creek	3	
17EV80	MW	0.23	INV	UNT	ATV	NAT	ATV			ATV	ATV	4744	Hull Creek	3	tread harden ephemeral drainage 40' MP 0.19 (Wrights Cr)
17EV85	MW	2.01	INV	UNT	MC	NAT	MC			MC		4744	Hull Creek	3	
17EV88	MW	1.53	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
17EV91	MW	1.03	INV	UNT	ATV	NAT	ATV			ATV		4744	Hull Creek	3	
18EV100	MW	0.08	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	barriers (rock, log or fence) 100' prior to Trout Creek; drain dips 200' to west of 31820G
18EV100	MW	0.31	INV	UNT	ATV	NAT	ATV			ATV		4744	Hull Creek	3	
18EV101A	MW	0.17	GPS	UNT	ATV	NAT				ATV		4744	Hull Creek	3	
18EV101B	MW	0.53	GPS	UNT	ATV	NAT				ATV		4744	Hull Creek	3	tread harden ephemeral drainage 30' MP 0.13
18EV105	MW	0.69	INV	UNT	MC	NAT	MC			MC		4744	Hull Creek	3	No Vehicles signs 100' each side; tread harden ephemeral drainage 60' MP 0.1; tread harden crossing and approaches 20' each side of intermittent tributary to Trout Creek
18EV106	MW	0.41	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
18EV110	MW	1.33	INV	UNT	MC	NAT	MC			MC		4744	Hull Creek	3	
18EV133	MW	0.35	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	
18EV134	MW	3.19	INV	UNT	ALL	NAT	ALL			ALL		4744	Hull Creek	3	hardened drain dips >15% grade 500' and drain dips remainder
18EV170	MW	1.13	INV	UNT	MC	NAT	MC			MC		4744	Hull Creek	3	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement	
				SYS	USE	SUR	1	2	3	4	5	#	Name			
18EV170	MW	1.69	INV	UNT	MC	NAT	MC			MC			4744	Hull Creek	3	
18EV257	MW	0.18	INV	UNT	ATV	NAT	ATV			ATV			4744	Hull Creek	3	
18EV258	MW	0.57	INV	UNT	ATV	NAT	ATV			ATV			4744	Hull Creek	3	SHPO consultation
18EV259	MW	0.48	INV	UNT	ATV	NAT				ATV			4733	Cherry Lake N	3	
18EV260	MW	0.28	INV	UNT	ATV	NAT	ATV			ATV			4744	Hull Creek	3	
18EV270	MW	0.36	INV	UNT	ALL	NAT	ALL			ALL			4732	Pinecrest	3	
18EV271	MW	0.67	INV	UNT	ATV	NAT	ATV			ATV			4732	Pinecrest	3	
18EV275	MW	0.31	INV	UNT	ALL	NAT				ALL			4741	Strawberry	3	
18EV276	MW	0.10	INV	UNT	ATV	NAT	ATV			ATV			4744	Hull Creek	3	barriers (rock, log or fence) 20' MP 0.1
18EV277	MW	0.09	INV	UNT	ALL	NAT	ALL			ALL	ALL		4744	Hull Creek	3	
18EV278	MW	0.60	INV	UNT	MC	NAT				MC			4732	Pinecrest	3	
18EV281	MW	0.05	INV	UNT	ALL	NAT	4WD			4WD			4732	Pinecrest	3	SHPO consultation
18EV282	MW	0.15	INV	UNT	MC	NAT	MC			MC	MC		4732	Pinecrest	3	drain dips 800'
18EV283	MW	0.28	INV	UNT	ALL	NAT	4WD			4WD			4732	Pinecrest	3	
18EV284	MW	0.07	INV	UNT	ALL	NAT	4WD			4WD			4732	Pinecrest	3	
18EV304	MW	0.19	INV	UNT	ALL	NAT	ATV			ATV			4744	Hull Creek	3	
18EV304	MW	0.13	INV	UNT	ATV	NAT	ALL			ALL			4744	Hull Creek	3	
18EV308	MW	0.12	INV	UNT	ALL	NAT	ALL			ALL			4744	Hull Creek	3	SHPO consultation; tread harden ephemeral drainage 2 sections 155' MP 0.003 and 0.125
18EV309	MW	0.12	INV	UNT	ALL	NAT	ALL			ALL	ALL		4744	Hull Creek	3	tread harden drainage (Hull Cr) 60' MP 0.028.
18EV310	MW	0.56	INV	UNT	ALL	NAT	4WD			4WD			4732	Pinecrest	3	tread harden ephemeral drainage 350' MP 0.06 and 0.12
18EV315	MW	0.36	INV	UNT	ALL	NAT	4WD			ALL	4WD		4741	Strawberry	3	
18EV34	MW	0.65	INV	UNT	ATV	NAT	ATV			ATV			4744	Hull Creek	3	
18EV51	MW	0.54	INV	UNT	ATV	NAT				ATV			4744	Hull Creek	3	low impact barriers 100' north side; drain dips 3500'
18EV56	MW	1.38	INV	UNT	ATV	NAT	ATV			ATV			4744	Hull Creek	3	drain dips and tread harden >20% grade 500' and drain dips remainder
18EV57	MW	0.86	INV	UNT	MC	NAT	MC			MC			4744	Hull Creek	3	drain dips and tread harden >20% grade 500' and drain dips remainder
18EV63	MW	0.26	INV	UNT	ATV	NAT	ATV			ATV			4744	Hull Creek	3	
18EV67	MW	1.68	INV	UNT	MC	NAT	MC			MC			4744	Hull Creek	3	low impact barriers and No Vehicle signs 50' each side; tread harden ephemeral drainage 2 sections 60' MP 0.35 and 0.8; barriers (rock, log or fence) MP 1.26-1.39
18EV70	MW	0.68	INV	UNT	MC	NAT	MC			MC			4744	Hull Creek	3	
18EV77	MW	1.54	INV	UNT	MC	NAT	MC			MC			4733	Cherry Lake N	3	drain dips and tread harden >20% grade 300' and drain dips remainder
18EV88	MW	0.70	INV	UNT	ATV	NAT	ATV			ATV			4744	Hull Creek	3	
18EV88	MW	0.03	INV	UNT	ATV	NAT	ATV			ATV			4744	Hull Creek	3	tread harden ephemeral drainage (Rush Cr) 60' MP 0.25.; drain dips 130' on left (looking upstream) approach to channel
18EV90	MW	0.81	INV	UNT	ATV	NAT	ATV			ATV			4744	Hull Creek	3	
18EV91	MW	0.33	INV	UNT	ALL	NAT	ALL			ALL	ALL		4744	Hull Creek	3	tread harden ephemeral drainage 50' MP 0.07; hardened drain dips >15% grade 900' and drain dips remainder
18EV94	MW	0.17	INV	UNT	ALL	NAT				ALL	ALL		4744	Hull Creek	3	
18EV95	MW	0.33	INV	UNT	ALL	NAT	4WD			4WD			4744	Hull Creek	3	tread harden ephemeral drainage 75' MP 0.01; tread harden Trout Creek crossing 80' MP 0.28; drain dips 1750'
19EV100	MW	1.08	INV	UNT	ALL	NAT				ALL			4733	Cherry Lake N	3	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
19EV101	MW	0.57	INV	UNT	ALL	NAT	4WD			4WD		4732	Pinecrest	3	hardened drain dips >15% grade 600' and drain dips remainder
19EV29	MW	0.47	INV	UNT	ATV	NAT	4WD			4WD		4732	Pinecrest	3	
21703A	MW	0.08	GIS	UNT	ALL	NAT	ALL			ALL	ALL	4744	Hull Creek	3	
21703C	MW	0.52	GIS	UNT	ALL	NAT	ALL			ALL	ALL	4744	Hull Creek	3	
21704A	MW	0.39	GIS	UNT	ALL	NAT	ALL			ALL	ALL	4744	Hull Creek	3	
21704B	MW	0.21	GIS	UNT	ALL	NAT	ALL			ALL	ALL	4744	Hull Creek	3	
21711G	MW	0.70	GIS	UNR	ATV	NAT				ATV		4744	Hull Creek	3	tread harden MP 0.45-0.6; tread harden crossing and approaches 20' each side Milk Ranch Spring drainage
21711J	MW	0.28	GIS	UNR	ATV	NAT				ATV		4744	Hull Creek	3	
31614C	MW	0.05	GIS	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	barriers (rock, log or fence) 150' MP 0.05
31623G	MW	0.41	GIS	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	
31734B	MW	0.09	GIS	UNT	ALL	NAT	ALL			ALL	ALL	4744	Hull Creek	3	
31736A	MW	0.17	GIS	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	3	
31818G	MW	0.15	GIS	UNR	ATV	NAT	ATV			ATV		4741	Strawberry	3	drain dips 800'
31821C	MW	0.20	GIS	UNR	ALL	NAT	4WD			4WD		4744	Hull Creek	3	barriers (rock, log or fence) 20' MP 0.12; hardened drain dips >15% grade 400' and drain dips remainder
31821H	MW	0.10	GIS	UNT	ALL	NAT	4WD			4WD		4733	Cherry Lake N	3	
41735B	MW	0.06	GIS	UNT	ALL	NAT	4WD			4WD		4741	Strawberry	3	
EV14835	MW	0.19	INV	UNT	MC	NAT				MC		4742	Crandall Peak	2	
EV681	MW	0.09	INV	UNT	ALL	NAT	4WD			4WD		4732	Pinecrest	3	
FR12319	MW	0.55	MAP	UNR	MC	NAT				ATV		4743	Twain Harte	2	drain dips and tread harden >20% grade 300' and drain dips remainder
FR12319	MW	0.51	MAP	UNR	MC	NAT				ATV		4743	Twain Harte	2	drain dips and tread harden >20% grade 300' and drain dips remainder
FR13563	MW	0.05	GPS	UNT	ALL	NAT	ALL			ALL	ALL	4744	Hull Creek	3	
FR15091	MW	0.47	GPS	UNR	ATV	NAT				ATV		4744	Hull Creek	3	low impact barriers 50' each side
FR15091	MW	0.34	GPS	UNR	ATV	NAT				ATV		4744	Hull Creek	3	low impact barriers 50' each side ; tread harden drainage 4 sections 190' MP .002, 0.325, 0.35, and 0.8; improve trail tread bench at Brushy and Camp 25 creeks to improve safety 600' for ATV use MP 0.35 and 0.8
FR98590	MW	0.10	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	
FR98596	MW	0.10	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	3	
FR98597	MW	0.09	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	3	
FR98598	MW	0.08	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	3	
FR98599	MW	0.04	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	3	
FR98601	MW	0.05	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	3	
FR98602	MW	0.08	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	3	
FR98603	MW	0.07	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	3	No Vehicles signs 100' each side
FR98604	MW	0.03	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	3	
FR98608	MW	0.07	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	3	
FR98609	MW	0.05	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	3	
FR98612	MW	0.04	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	2	SHPO consultation
FR98616	MW	0.03	INV	UNT	ALL	NAT	4WD			4WD		4742	Crandall Peak	2	evaluate 51-646 against NRHP criteria
FR98617	MW	0.04	INV	UNT	ALL	NAT	4WD			4WD		4754	Columbia SE	2	
FR98618	MW	0.04	INV	UNT	ALL	NAT	4WD			4WD		4754	Columbia SE	2	
FR98619	MW	0.11	INV	UNT	ALL	NAT	4WD			4WD		4754	Columbia SE	2	
FR98620	MW	0.08	INV	UNT	ALL	NAT	4WD			4WD		4754	Columbia SE	2	
FR98679	MW	0.07	INV	UNT	ALL	NAT	4WD			4WD		4754	Columbia SE	1	barriers (rock, log or fence) 200'

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
															MP 0.07
FR98680	MW	0.04	INV	UNT	ALL	NAT	4WD			4WD		4754	Columbia SE	1	barriers (rock, log or fence) 100' MP 0.04
FR98682	MW	0.05	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	
FR98683	MW	0.06	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	
FR98685	MW	0.03	INV	UNT	ALL	NAT	4WD			4WD		4742	Crandall Peak	2	
FR98686	MW	0.03	INV	UNT	ALL	NAT	4WD			4WD		4742	Crandall Peak	2	
FR98688	MW	0.05	INV	UNT	ALL	NAT	4WD			4WD		4741	Strawberry	2	
FR98689	MW	0.06	INV	UNT	ALL	NAT	4WD			4WD		4741	Strawberry	2	
FR98690	MW	0.04	INV	UNT	ALL	NAT	4WD			4WD		4741	Strawberry	2	SHPO consultation
FR98691	MW	0.06	INV	UNT	ALL	NAT	4WD			4WD		4741	Strawberry	2	SHPO consultation; barriers (rock, log or fence) 320' MP 0.0-0.06; rock barrier 20' at end of route before intermittent tributary to South Fork Stanislaus River
FR98692	MW	0.07	INV	UNT	ALL	NAT	4WD			4WD		4741	Strawberry	2	barriers (rock, log or fence) 350' MP 0.0-0.07
FR98693	MW	0.01	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	barriers (rock, log or fence) 200' MP 0.01
FR98694	MW	0.03	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	1	
FR98695	MW	0.04	INV	UNT	ALL	NAT	4WD			4WD		4741	Strawberry	2	
FR98696	MW	0.03	INV	UNT	ALL	NAT	4WD			4WD		4741	Strawberry	2	
FR98697	MW	0.12	INV	UNT	ALL	NAT	4WD			4WD		4742	Crandall Peak	2	barriers (rock, log or fence) 50' MP 0.12
FR98699	MW	0.05	INV	UNT	ALL	NAT	4WD			4WD		4733	Cherry Lake N	3	barriers (rock, log or fence) 75' MP 0.05
FR98700	MW	0.02	INV	UNT	ALL	NAT	4WD			4WD		4733	Cherry Lake N	3	
FR98701	MW	0.02	INV	UNT	ALL	NAT	4WD			4WD		4733	Cherry Lake N	3	
FR98702	MW	0.04	INV	UNT	ALL	NAT	4WD			4WD		4742	Crandall Peak	2	
FR98703	MW	0.06	INV	UNT	ALL	NAT	4WD			4WD		4741	Strawberry	2	
FR98704	MW	0.15	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	SHPO consultation; barriers (rock, log or fence) 160' MP 0.0-0.03
FR98705	MW	0.04	INV	UNT	ALL	NAT	4WD			4WD		4743	Twain Harte	2	
FR98707	MW	0.02	INV	UNT	ALL	NAT	4WD			4WD		4744	Hull Creek	2	
FR98708	MW	0.02	INV	UNT	ALL	NAT	4WD			4WD		4741	Strawberry	2	

Legend

- 4WD 4 Wheel Drive
 - ADM Administrative Use Only (closed to public motorized use)
 - ALL All Vehicles
 - ATV ATV (open to ATV and Motorcycle)
 - CAL Calaveras
 - GIS Geographic Information System
 - GR Groveland
 - INV Inventory
 - MC Motorcycle
 - MI Miles
 - MW Mi-Wok
 - NAT Native Material
 - PER Permit Only
 - RD Ranger District
 - SEA Season of Use
- | | | | |
|---|----------------------|----------------------|----------------------|
| | Alternative 1 | Alternative 4 | Alternative 5 |
| 1 | year-round | year-round | year-round |
| 2 | 4/1-11/30 | 4/1-12/31 | 4/15-11/15 |
| 3 | 5/15-11/30 | 4/1-12/31 | 5/15-11/15 |
- SRC Source
 - SUR Surface
 - SYS System (National Forest System)
 - UNR Unauthorized Road
 - UNT Unauthorized Trail

I.02 CHANGES TO THE EXISTING NFTS: VEHICLE CLASS

Table I.01-2 lists the vehicle class, season of use (SEA) and mitigations/requirements for the existing NFTS with vehicle class changes proposed in one or more of the action alternatives.

Table I.02-1 Changes to the Existing NFTS: Vehicle Class, Season of Use and Mitigation/Requirement

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
04N04Y	CAL	0.05	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4911	Tamarack	3	
04N06	CAL	0.24	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4911	Tamarack	3	
04N38	CAL	2.64	GIS	ALL	ALL	AC	HLO			HLO	HLO	4922	Devils Nose	3	
04N80Y	CAL	1.17	GIS	ALL	ALL	AGG	HLO			HLO	ML1	4912	Calaveras Dome	3	
04N80Y	CAL	1.14	GIS	ALL	ALL	AGG	HLO			HLO	ML1	4924	Dorrington	3	
04N80Y	CAL	0.16	GIS	ALL	ALL	AGG	HLO			HLO	ML1	4921	Garnet Hill	3	
04N80Y	CAL	0.59	GIS	ALL	ALL	AGG	HLO			HLO	ML1	4921	Garnet Hill	3	
05N02B	CAL	0.89	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4924	Dorrington	3	
05N02R	CAL	0.40	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4924	Dorrington	3	
05N02R	CAL	1.48	GIS	ALL	ALL	NAT	HLO			HLO	ML1	4912	Calaveras Dome	3	
05N14	CAL	0.60	GIS	HLO	HLO	NAT	ALL			ALL		4913	Boards Crossing	3	mixed use sign plan
05N14	CAL	4.62	GIS	HLO	HLO	NAT	ALL			ALL		4913	Boards Crossing	3	mixed use sign plan
05N14	CAL	0.55	GIS	HLO	HLO	AGG	ALL			ALL		4751	Stanislaus	3	
05N14	CAL	0.53	GIS	HLO	HLO	AGG	ALL			ALL		4751	Stanislaus	3	
05N14	CAL	3.25	GIS	HLO	HLO	NAT	ALL			ALL		4924	Dorrington	3	
05N14	CAL	1.12	GIS	HLO	HLO	NAT	ALL			ALL		4751	Stanislaus	3	
05N14	CAL	0.02	GIS	HLO	HLO	NAT	ALL			ALL		4751	Stanislaus	3	
05N14	CAL	0.71	GIS	HLO	HLO	NAT	ALL			ALL		4913	Boards Crossing	3	
05N14	CAL	0.34	GIS	HLO	HLO	NAT	ALL			ALL		4924	Dorrington	3	
05N14L	CAL	1.13	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4912	Calaveras Dome	3	
05N14M	CAL	0.10	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4912	Calaveras Dome	3	
05N35	CAL	1.65	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4912	Calaveras Dome	3	
05N35B	CAL	0.46	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4912	Calaveras Dome	3	
05N40	CAL	0.15	GIS	HLO	HLO	NAT	ADM			ADM	ADM	4912	Calaveras Dome	3	
05N51Y	CAL	1.58	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4912	Calaveras Dome	3	
05N51YA	CAL	0.44	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4912	Calaveras Dome	3	
05N53Y	CAL	0.08	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4912	Calaveras Dome	3	
05N56	CAL	0.01	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4912	Calaveras Dome	2	
06N11Y	CAL	0.81	GIS	ALL		NAT	ADM			ADM	ADM	4912	Calaveras Dome	3	
06N13X	CAL	0.30	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4912	Calaveras Dome	3	
06N17A	CAL	0.46	GIS	ML1		NAT	t-ALL			t-ALL		4912	Calaveras Dome	3	
06N17A	CAL	0.09	MAP	ML1		NAT	t-ALL			t-ALL		4912	Calaveras Dome	3	
06N17B	CAL	0.65	GIS	ML1		NAT	t-ALL			t-ALL		4912	Calaveras Dome	3	
06N17D	CAL	0.35	GIS	ML1		NAT	t-ALL			t-ALL		4912	Calaveras Dome	3	
06N17J	CAL	0.52	GIS	ML1		NAT	t-ALL			t-ALL		4912	Calaveras Dome	3	
06N17P	CAL	0.41	GIS	ML1	ALL	NAT	t-ALL			t-ALL		4912	Calaveras Dome	3	
06N27	CAL	1.53	GIS	ML1	ALL	NAT	t-ALL			t-ALL	t-ALL	4912	Calaveras Dome	3	
06N27	CAL	3.23	GIS	ML1	ALL	NAT	t-ALL			t-ALL	t-ALL	4912	Calaveras Dome	3	
06N29Y	CAL	0.98	GIS	ALL	ALL	NAT	HLO				HLO	4912	Calaveras Dome	3	
06N40	CAL	0.09	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4911	Tamarack	2	
06N44	CAL	0.06	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4911	Tamarack	2	
06N58	CAL	0.03	GIS	HLO	HLO	NAT	ALL			ALL		4913	Boards Crossing	3	mixed use sign plan
06N58	CAL	0.79	GIS	HLO	HLO	NAT	ALL			ALL		4913	Boards Crossing	3	mixed use sign plan
06N58	CAL	0.46	GIS	HLO	HLO	NAT	ALL			ALL		4913	Boards Crossing	3	mixed use sign plan
06N58	CAL	0.08	GIS	HLO	HLO	NAT	ALL			ALL		4913	Boards Crossing	3	mixed use sign plan
06N58	CAL	0.36	GIS	HLO	HLO	NAT	ALL			ALL		4911	Tamarack	3	mixed use sign plan
06N58	CAL	0.70	GIS	HLO	HLO	NAT	ALL			ALL		4911	Tamarack	3	mixed use sign plan

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement	
				SYS	USE	SUR	1	2	3	4	5	#	Name			
06N58	CAL	0.18	GIS	HLO	HLO	NAT	ALL			ALL			4914	Liberty Hill	3	mixed use sign plan
06N58	CAL	1.74	GIS	HLO	HLO	NAT	ALL			ALL			4914	Liberty Hill	3	mixed use sign plan
06N58	CAL	0.90	GIS	HLO	HLO	NAT	ALL			ALL			4911	Tamarack	3	mixed use sign plan
06N58	CAL	0.25	GIS	HLO	HLO	NAT	ALL			ALL			4923	Fort Mt	3	mixed use sign plan
06N58	CAL	0.12	GIS	HLO	HLO	NAT	ALL			ALL			4923	Fort Mt	3	mixed use sign plan
06N60Y	CAL	0.02	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4911	Tamarack	2	
06N62	CAL	1.35	GIS	HLO	HLO	AGG	ALL			ALL			4913	Boards Crossing	3	mixed use sign plan
06N64	CAL	0.93	GIS	ALL	ALL	NAT	ML1			ML1	ML1		4911	Tamarack	3	
06N66YB	CAL	0.82	GIS	ML1		NAT	t-ALL			t-ALL			4911	Tamarack	3	
06N71Y	CAL	1.35	GIS	ALL	ALL	NAT	ADM			ADM	ADM		4912	Calaveras Dome	3	
06N76YA	CAL	0.25	GIS	ML1		NAT	t-ALL			t-ALL			4912	Calaveras Dome	3	
06N80	CAL	0.05	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4911	Tamarack	3	
06N80Y	CAL	0.78	GIS	ML1		NAT	t-ALL			t-ALL			4912	Calaveras Dome	3	
06N80YA	CAL	0.11	GIS	ML1		NAT	t-ALL			t-ALL			4912	Calaveras Dome	3	
06N81Y	CAL	0.46	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4912	Calaveras Dome	3	
06N81Y	CAL	0.14	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4912	Calaveras Dome	3	
06N81Y	CAL	0.42	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4912	Calaveras Dome	3	
06N81Y	CAL	0.26	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4912	Calaveras Dome	3	
06N81YA	CAL	0.51	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4912	Calaveras Dome	3	
06N82	CAL	0.12	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4911	Tamarack	3	
06N85	CAL	0.72	GIS	ML1	ALL	NAT	t-ALL			t-ALL			4911	Tamarack	3	
06N85A	CAL	0.39	GIS	ML1		NAT	t-ALL			t-ALL			4911	Tamarack	3	
06N94	CAL	1.68	GIS	ALL	ALL	NAT	ML1			ML1	ML1		4912	Calaveras Dome	3	
07N01	CAL	0.09	GIS	HLO	HLO	AC				ALL			4751	Stanislaus	3	combined use sign plan
07N01C	CAL	0.18	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4911	Tamarack	3	
07N01E	CAL	0.36	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4912	Calaveras Dome	3	
07N01G	CAL	0.13	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4912	Calaveras Dome	3	
07N02	CAL	2.39	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4902	Spicer Mdw Res	3	
07N02Y	CAL	0.02	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4912	Calaveras Dome	2	
07N05	CAL	0.53	GIS	HLO	HLO	NAT	ALL			ALL			4751	Stanislaus	3	combined use sign plan
07N08	CAL	0.37	GIS	ALL	ALL	NAT	ADM			ADM	ADM		4912	Calaveras Dome	2	
07N08	CAL	2.52	GIS	HLO	HLO	NAT	ADM			ADM	ADM		4912	Calaveras Dome	2	
07N08	CAL	2.57	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4921	Garnet Hill	3	
07N08	CAL	1.94	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4921	Garnet Hill	3	
07N08	CAL	0.45	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4912	Calaveras Dome	3	
07N09	CAL	0.84	GIS	HLO	HLO	AGG	ALL			ALL			4751	Stanislaus	3	combined use sign plan
07N09	CAL	1.13	GIS	HLO	HLO	NAT	ALL			ALL			4751	Stanislaus	3	combined use sign plan
07N09	CAL	2.23	GIS	HLO	HLO	NAT	ALL			ALL			4751	Stanislaus	3	combined use sign plan
07N09	CAL	0.48	GIS	HLO	HLO	NAT	ALL			ALL			4751	Stanislaus	3	combined use sign plan
07N09	CAL	1.09	GIS	HLO	HLO	AGG	ALL			ALL			4751	Stanislaus	3	combined use sign plan
07N09	CAL	0.44	GIS	HLO	HLO	AGG	ALL			ALL			4913	Boards Crossing	3	mixed use sign plan
07N09	CAL	0.01	GIS	HLO	HLO	AGG	ALL			ALL			4913	Boards Crossing	3	mixed use sign plan
07N09	CAL	0.59	GIS	HLO	HLO	NAT	ALL			ALL			4913	Boards Crossing	3	mixed use sign plan
07N09	CAL	2.94	GIS	HLO	HLO	AGG	ALL			ALL			4913	Boards Crossing	3	mixed use sign plan
07N09A	CAL	0.86	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD		4911	Tamarack	3	
07N09B	CAL	0.45	GIS	ML1		NAT	t-4WD			t-4WD			4911	Tamarack	3	
07N09C	CAL	0.62	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD		4911	Tamarack	3	
07N09D	CAL	0.16	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD		4912	Calaveras Dome	3	
07N09E	CAL	0.29	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD		4912	Calaveras Dome	3	
07N09F	CAL	0.13	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD		4912	Calaveras Dome	3	
07N09G	CAL	0.12	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD		4912	Calaveras Dome	3	
07N09H	CAL	0.54	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD		4912	Calaveras Dome	3	
07N09J	CAL	0.26	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD		4912	Calaveras Dome	3	
07N09W	CAL	0.24	GIS	ML1		NAT	t-ALL			t-ALL			4911	Tamarack	3	
07N14C	CAL	0.47	GIS	ML1		NAT	t-ALL			t-ALL			4912	Calaveras Dome	3	
07N16A	CAL	0.20	GIS	ML1		NAT	t-ALL			t-ALL			4912	Calaveras Dome	3	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
07N16X	CAL	1.37	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4912	Calaveras Dome	3	
07N17	CAL	2.79	GIS	ALL	ALL	NAT	HLO				HLO	4912	Calaveras Dome	3	
07N17	CAL	2.24	GIS	ALL	ALL	NAT	HLO				HLO	5064	Ebbetts Pass	3	
07N17A	CAL	0.08	GIS	ML1		NAT	t-4WD			t-ALL		5064	Ebbetts Pass	3	
07N17B	CAL	0.57	GIS	ALL	ALL	AGG	ADM				ADM	5064	Ebbetts Pass	3	
07N18Y	CAL	0.90	GIS	ALL	ALL	NAT	HLO			HLO	HLO	5063	Pacific Valley	3	
07N18YC	CAL	0.32	GIS	ML1		NAT	t-4WD			t-4WD		5063	Pacific Valley	3	
07N19X	CAL	0.11	GIS	ML1		NAT	t-ALL			t-ALL		4902	Spicer Mdw Res	3	
07N22	CAL	0.05	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD	4902	Spicer Mdw Res	3	
07N22	CAL	0.43	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD	4911	Tamarack	3	
07N22	CAL	0.01	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD	4911	Tamarack	3	
07N22	CAL	1.03	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD	4911	Tamarack	3	
07N28	CAL	0.91	GIS	HLO	HLO	AGG	ALL			ALL		4924	Dorrington	3	mixed use sign plan
07N28	CAL	1.35	GIS	HLO	HLO	AGG	ALL			ALL		4924	Dorrington	3	mixed use sign plan
07N28	CAL	0.96	GIS	HLO	HLO	AGG	ALL			ALL		4924	Dorrington	3	mixed use sign plan
07N29Y	CAL	3.96	GIS	ALL	ALL	AGG	HLO				HLO	5063	Pacific Valley	3	
07N38	CAL	0.75	GIS	ALL	ALL	NAT	HLO				HLO	4911	Tamarack	3	
07N40Y	CAL	0.20	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4921	Garnet Hill	3	
07N48A	CAL	0.22	GIS	ML1		NAT	t-ALL			t-ALL		4912	Calaveras Dome	3	
07N49Y	CAL	0.36	GIS	ML1	HLO	NAT	HLO			ALL	HLO	4912	Calaveras Dome	3	
07N55	CAL	1.06	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4912	Calaveras Dome	3	
07N55A	CAL	0.59	GIS	ALL	ALL	NAT	HLO			HLO	HLO	5063	Pacific Valley	3	
07N55Y	CAL	0.40	GIS	ALL	ALL	NAT	HLO				HLO	5063	Pacific Valley	3	
07N56YA	CAL	0.71	GIS	ML1		NAT	t-ALL			t-ALL		4911	Tamarack	3	
07N57	CAL	0.29	GIS	ALL	ALL	NAT	ADM			ADM	ADM	4902	Spicer Mdw Res	3	
07N58	CAL	1.77	GIS	ALL		NAT	ADM			ADM	ADM	4901	Dardanelles Cone	3	
07N58	CAL	0.12	GIS	ALL	ALL	NAT	HLO			HLO	HLO	5064	Ebbetts Pass	3	
07N60	CAL	0.40	GIS	ALL	ALL	NAT	ADM			ADM	ADM	4571	Duckwall Mt	3	
07N70	CAL	0.77	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
07N75	CAL	1.84	GIS	HLO	HLO	AGG				ALL		4913	Boards Crossing	3	combined use sign plan
07N75C	CAL	0.49	GIS	ALL	ALL	NAT	HLO				HLO	4562	Cherry Lake S	3	
07N77	CAL	0.96	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
07N82	CAL	0.95	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
07N82A	CAL	0.24	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4571	Duckwall Mt	3	
07N87	CAL	1.70	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD	4562	Cherry Lake S	3	
07N87A	CAL	0.14	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD	4562	Cherry Lake S	3	
07N87A	CAL	0.20	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD	4733	Cherry Lake N	3	
07N87B	CAL	0.11	GIS	ALL	ALL	NAT	t-4WD			t-4WD	t-4WD	4563	Ascension Mt	3	
07N93	CAL	2.68	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
07N94	CAL	0.44	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
07N94A	CAL	0.73	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4571	Duckwall Mt	3	
07N95	CAL	0.08	GIS	ALL		NAT	ADM			ADM	ADM	4571	Duckwall Mt	3	
07N95A	CAL	0.11	GIS	ALL	ALL	NAT	ADM			ADM	ADM	4574	Jawbone Ridge	3	
08N01A	CAL	0.12	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4571	Duckwall Mt	3	
08N04	CAL	0.01	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4571	Duckwall Mt	3	
08N04	CAL	0.23	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
08N13	CAL	0.54	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
08N14	CAL	0.11	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
FR10831	CAL	0.03	MAP	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
FR11116	CAL	0.04	MAP	ALL	ALL	AC	HLO			HLO	HLO	4562	Cherry Lake S	3	
FR12088	CAL	0.11	MAP	ALL	ALL	AC	HLO			HLO	HLO	4562	Cherry Lake S	3	
FR12476	CAL	0.05	MAP	ALL	ALL	AC	HLO			HLO	HLO	4571	Duckwall Mt	3	
FR12477	CAL	0.37	MAP	ALL	ALL	AC	HLO			HLO	HLO	4562	Cherry Lake S	3	
FR5219	CAL	0.03	MAP	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
FR7181	CAL	0.16	MAP	ALL	ALL	AC	HLO			HLO	HLO	4571	Duckwall Mt	3	
FR8080	CAL	0.04	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4571	Duckwall Mt	3	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
FR8319	CAL	0.33	MAP	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
FR8319	CAL	0.48	MAP	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
FR8319	CAL	0.05	MAP	ALL	ALL	NAT	HLO			HLO	HLO	4571	Duckwall Mt	3	
FR8322	CAL	0.08	MAP	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
FR8323	CAL	0.06	MAP	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
FR8925	CAL	0.04	MAP	ALL	ALL	AC	HLO			HLO	HLO	4562	Cherry Lake S	3	
FR9330	CAL	0.11	MAP	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	3	
FR9331	CAL	0.33	MAP	ALL	ALL	NAT	HLO			HLO	HLO	4571	Duckwall Mt	3	
FS83231	CAL	0.06	MAP	ALL	ALL	NAT	HLO			HLO	HLO	4571	Duckwall Mt	3	
01N01	GR	7.77	GIS	HLO	HLO	AGG	ALL			ALL		4913	Boards Crossing	2	mixed use sign plan
01N01	GR	0.36	GIS	HLO	HLO	AC	ALL			ALL		4913	Boards Crossing	2	mixed use sign plan
01N01	GR	0.03	GIS	HLO	HLO	AC	ALL			ALL		4913	Boards Crossing	2	mixed use sign plan
01N01	GR	0.43	GIS	HLO	HLO	AC	ALL			ALL		4922	Devils Nose	2	mixed use sign plan
01N01C	GR	0.19	GIS	ML1		NAT	t-ALL			t-ALL		4571	Duckwall Mt	2	
01N01D	GR	0.50	GIS	ML1		NAT	t-ALL			t-ALL		4571	Duckwall Mt	2	
01N04	GR	5.14	GIS	ALL	ALL	NAT	HLO			HLO		4571	Duckwall Mt	3	
01N04A	GR	0.44	GIS	ML1		AGG	t-4WD			t-ALL		4571	Duckwall Mt	3	
01N04C	GR	0.91	GIS	ML1		NAT	t-4WD			t-ALL		4562	Cherry Lake S	3	
01N07A	GR	0.80	GIS	ML1		NAT	t-4WD			t-ALL		4562	Cherry Lake S	2	
01N07Y	GR	0.50	GIS	ALL	ALL	NAT	HLO			HLO		4571	Duckwall Mt	2	
01N07Y	GR	1.07	GIS	ALL	ALL	NAT	HLO			HLO		4571	Duckwall Mt	2	
01N09	GR	6.62	GIS	ALL	ALL	NAT	ADM			ADM		4562	Cherry Lake S	2	
01N10	GR	5.14	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	2	
01N10	GR	6.62	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
01N10A	GR	0.53	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
01N10B	GR	0.16	GIS	ML1		NAT	t-4WD			t-ALL		4563	Ascension Mt	2	
01N14	GR	1.04	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4563	Ascension Mt	3	
01N14	GR	2.72	GIS	ALL	ALL	AGG	HLO			HLO		4563	Ascension Mt	3	
01N14A	GR	0.82	GIS	ALL	ALL	AGG	HLO			HLO		4563	Ascension Mt	3	
01N14B	GR	0.96	GIS	ML1	ALL	NAT				t-ALL		4564	Ackerson Mt	3	
01N14E	GR	0.54	GIS	ML1	ALL	NAT				t-ALL		4564	Ackerson Mt	3	
01N14F	GR	0.44	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4564	Ackerson Mt	3	
01N15	GR	1.09	GIS	ALL	ALL	NAT	ML1			ML1		4563	Ascension Mt	2	
01N15Y	GR	0.53	GIS	ML1		AGG	ADM			ADM	ADM	4563	Ascension Mt	2	
01N23	GR	1.98	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
01N32Y	GR	1.03	GIS	ML1		NAT	t-4WD			t-ALL		4563	Ascension Mt	2	
01N33Y	GR	0.29	GIS	ML1		NAT	t-4WD			t-ALL		4563	Ascension Mt	2	
01N34	GR	1.24	GIS	ML1	ALL	NAT				t-ALL		4574	Jawbone Ridge	3	
01N34A	GR	0.93	GIS	ML1	ALL	NAT				t-ALL		4573	Groveland	3	
01N37	GR	1.43	GIS	ML1	ALL	NAT	ALL			ALL		4573	Groveland	2	
01N40Y	GR	1.91	GIS	ALL	ALL	AGG	HLO			HLO		4573	Groveland	3	
01N40Y	GR	0.62	GIS	ML1	ALL	NAT				t-ALL		4573	Groveland	3	
01N45	GR	1.73	GIS	ML1		NAT	t-4WD			t-ALL		4564	Ackerson Mt	2	
01N45Y	GR	0.48	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4564	Ackerson Mt	3	
01N60	GR	0.76	GIS	ALL	ALL	NAT	HLO			HLO		4564	Ackerson Mt	2	
01N60A	GR	0.35	GIS	ALL	ALL	NAT	HLO			HLO		4564	Ackerson Mt	2	
01N69	GR	1.14	GIS	ML1		NAT	t-ALL			t-ALL		4564	Ackerson Mt	2	
01N76	GR	0.74	GIS	ALL	ALL	NAT	HLO			HLO		4563	Ascension Mt	2	
01N76	GR	0.97	GIS	ALL	ALL	NAT	HLO			HLO		4563	Ascension Mt	2	
01N76	GR	0.67	GIS	ALL	ALL	NAT	HLO			HLO		4381	El Portal	2	
01N81	GR	0.72	GIS	ML1		NAT	t-4WD			t-ALL		4574	Jawbone Ridge	2	
01N86	GR	1.19	GIS	ML1		NAT	ADM			ADM	ADM	4563	Ascension Mt	2	
01N88	GR	0.63	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
01N91	GR	0.58	GIS	ML1		NAT	t-4WD			t-ALL		4574	Jawbone Ridge	2	
01N97	GR	5.01	GIS	ALL	ALL	AGG	HLO			ML1		4574	Jawbone Ridge	3	
01N97E	GR	0.64	GIS	ML1	ALL	NAT				t-ALL		4574	Jawbone Ridge	3	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
01S01	GR	2.95	GIS	ML1		NAT	ADM			t-4WD	ADM	4574	Jawbone Ridge	2	
01S01Y	GR	0.59	GIS	ALL		NAT	ML1				ML1	4563	Ascension Mt	2	
01S01Y	GR	0.07	GIS	ALL		NAT	HLO			HLO	ML1	4563	Ascension Mt	2	
01S01YA	GR	0.17	GIS	ALL	ALL	NAT	ML1				ML1	4574	Jawbone Ridge	2	
01S01YB	GR	0.66	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
01S01YC	GR	0.13	GIS	ML1		NAT	t-4WD			t-ALL		4563	Ascension Mt	2	
01S03	GR	0.01	GIS	HLO	HLO	AGG	ALL			ALL		4913	Boards Crossing	2	combined use sign plan
01S03	GR	0.68	GIS	HLO	HLO	AGG	ALL			ALL		4913	Boards Crossing	2	combined use sign plan
01S03	GR	2.33	GIS	HLO	HLO	AGG	ALL			ALL		4913	Boards Crossing	2	combined use sign plan
01S03	GR	0.91	GIS	HLO	HLO	AGG	ALL			ALL		4913	Boards Crossing	2	combined use sign plan
01S03A	GR	0.63	GIS	ML1		NAT	t-4WD			t-ALL		4573	Groveland	2	
01S04	GR	1.28	GIS	ML1	ALL	AGG	ALL			t-ALL		4573	Groveland	2	
01S04	GR	0.51	GIS	ML1	ALL	AGG	ALL			t-ALL		4573	Groveland	2	
01S05A	GR	0.65	GIS	ML1		NAT				t-ALL		4573	Groveland	2	
01S05Y	GR	1.96	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	2	
01S06	GR	0.03	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	1	
01S06	GR	0.37	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	1	
01S06	GR	0.30	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4561	Lake Eleanor	1	
01S06B	GR	0.11	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	1	
01S11C	GR	0.68	GIS	ML1		NAT	t-ALL			t-ALL		4574	Jawbone Ridge	1	
01S11C	GR	0.07	GIS	ML1		NAT	t-ALL			t-ALL		4562	Cherry Lake S	1	
01S11C	GR	0.08	GIS	ML1		NAT	t-ALL			t-ALL		4563	Ascension Mt	2	
01S11C	GR	0.07	GIS	ML1		NAT	t-ALL			t-ALL		4563	Ascension Mt	2	
01S11C	GR	0.22	GIS	ML1		NAT	t-ALL			t-ALL		4563	Ascension Mt	2	
01S11D	GR	0.98	GIS	ML1		NAT	t-ALL			t-ALL		4563	Ascension Mt	2	
01S11Y	GR	1.44	GIS	ALL	ALL	NAT	ML1				ML1	4563	Ascension Mt	2	
01S12	GR	2.25	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4563	Ascension Mt	2	
01S13	GR	0.70	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4563	Ascension Mt	2	
01S13Y	GR	1.22	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4574	Jawbone Ridge	2	
01S14K	GR	0.17	GIS	ML1	ALL	NAT	t-ALL			t-ALL		4574	Jawbone Ridge	2	
01S14L	GR	0.58	GIS	ML1	ALL	NAT	t-ALL			t-ALL		4574	Jawbone Ridge	2	
01S15C	GR	0.57	GIS	ML1		NAT	t-4WD			t-ALL		4574	Jawbone Ridge	2	
01S15Y	GR	3.14	GIS	ALL	ALL	NAT	ADM				ADM	4563	Ascension Mt	2	
01S15Y	GR	0.14	GIS	ALL	ALL	NAT	HLO			HLO		4563	Ascension Mt	2	
01S15YA	GR	1.36	GIS	ALL	ALL	NAT	ML1				ML1	4574	Jawbone Ridge	2	
01S15YB	GR	0.18	GIS	ALL	ALL	NAT	ADM				ADM	4563	Ascension Mt	2	
01S16A	GR	0.27	GIS	ALL	ALL	NAT	ADM				ADM	4561	Lake Eleanor	2	
01S16B	GR	0.25	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	2	
01S16Y	GR	1.87	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4573	Groveland	2	
01S17	GR	2.68	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	1	
01S17	GR	0.30	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	1	
01S17	GR	0.04	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	1	
01S17A	GR	0.56	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	1	
01S17D	GR	0.20	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	1	
01S19Y	GR	0.47	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
01S20	GR	0.30	GIS	ML1		NAT	t-4WD			t-4WD		4563	Ascension Mt	2	
01S20Y	GR	0.65	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	2	
01S23C	GR	0.27	GIS	ML1		NAT	t-ALL			t-ALL		4573	Groveland	2	
01S23E	GR	0.16	GIS	ML1		NAT	ADM			ADM	ADM	4573	Groveland	2	
01S23Y	GR	0.67	GIS	ALL	ALL	AC	HLO			HLO	HLO	4574	Jawbone Ridge	2	
01S26	GR	2.21	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
01S26	GR	2.69	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
01S26A	GR	0.20	GIS	ML1		NAT	t-4WD			t-ALL		4574	Jawbone Ridge	2	
01S26B	GR	0.41	GIS	ML1	ALL	NAT				t-ALL		4563	Ascension Mt	2	
01S26C	GR	0.69	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
01S26E	GR	0.21	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
01S27	GR	0.80	GIS	ML1		NAT	t-4WD			t-ALL		4574	Jawbone Ridge	2	
01S27Y	GR	0.84	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
01S28B	GR	0.59	GIS	ML1		NAT	ADM			ADM	ADM	4563	Ascension Mt	2	
01S29A	GR	0.24	GIS	ML1		NAT				t-ALL		4574	Jawbone Ridge	2	
01S30	GR	0.63	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	2	
01S30	GR	0.15	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	2	
01S30	GR	1.25	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
01S30A	GR	0.24	GIS	ML1		NAT	t-4WD			t-ALL		4563	Ascension Mt	2	
01S30B	GR	0.55	GIS	ALL	ALL	NAT	ML1				ML1	4563	Ascension Mt	2	
01S32A	GR	0.50	GIS	ML1		NAT	t-ALL			t-ALL		4564	Ackerson Mt	2	
01S33	GR	1.72	GIS	ALL	ALL	NAT	ML1			HLO	ML1	4563	Ascension Mt	1	
01S35Y	GR	1.32	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	1	
01S35Y	GR	1.00	GIS	ML1		NAT				t-4WD		4563	Ascension Mt	1	
01S35YA	GR	0.39	GIS	ALL	ALL	NAT	HLO				HLO	4563	Ascension Mt	1	
01S36Y	GR	0.50	GIS	ALL	ALL	NAT	HLO				HLO	4563	Ascension Mt	1	
01S39	GR	0.80	GIS	ML1		NAT				t-ALL		4563	Ascension Mt	1	
01S39Y	GR	0.89	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
01S39YA	GR	0.10	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4571	Duckwall Mt	2	
01S39YB	GR	0.38	GIS	ML1		NAT	t-4WD			t-ALL		4571	Duckwall Mt	2	
01S40Y	GR	0.51	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	1	
01S42	GR	1.03	GIS	ML1		NAT				t-ALL		4563	Ascension Mt	1	
01S43	GR	0.25	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	1	
01S45Y	GR	0.04	GIS	ML1		NAT	ALL			ALL		4563	Ascension Mt	2	
01S45Y	GR	0.35	GIS	ML1		NAT	t-ALL			t-ALL		4563	Ascension Mt	2	
01S46	GR	0.25	GIS	ML1		NAT	t-4WD			t-4WD		4574	Jawbone Ridge	2	
01S50	GR	0.43	GIS	ALL	ALL	NAT	ADM				ADM	4563	Ascension Mt	2	
01S51	GR	2.24	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4574	Jawbone Ridge	2	
01S51A	GR	0.77	GIS	ML1		NAT	t-4WD			t-ALL		4563	Ascension Mt	2	
01S51B	GR	0.71	GIS	ML1		NAT				t-ALL		4563	Ascension Mt	2	
01S52	GR	0.15	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
01S52Y	GR	0.49	GIS	ML1		NAT	t-4WD			t-4WD		4574	Jawbone Ridge	1	
01S53	GR	1.08	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
01S54Y	GR	0.50	GIS	ML1		NAT	t-ALL			t-ALL		4563	Ascension Mt	2	
01S55Y	GR	0.17	GIS	ALL	ALL	AC	HLO			HLO	HLO	4563	Ascension Mt	1	
01S55Y	GR	1.34	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4564	Ackerson Mt	1	
01S56Y	GR	0.60	GIS	ML1		NAT	t-4WD			t-ALL		4563	Ascension Mt	2	
01S57	GR	1.96	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4564	Ackerson Mt	2	
01S57B	GR	1.45	GIS	ML1		NAT	t-4WD			t-ALL		4744	Hull Creek	2	
01S57Y	GR	0.66	GIS	ML1		NAT	t-4WD			t-4WD		4571	Duckwall Mt	2	
01S58	GR	3.00	GIS	ALL	ALL	NAT	ADM				ADM	4733	Cherry Lake N	2	
01S59	GR	0.87	GIS	ML1		NAT	t-4WD			t-ALL		4744	Hull Creek	2	
01S60Y	GR	0.51	GIS	ML1		NAT	t-ALL			t-ALL		4744	Hull Creek	2	
01S61Y	GR	0.26	GIS	ML1		NAT	t-4WD			t-4WD		4744	Hull Creek	2	
01S61YA	GR	0.55	GIS	ML1		NAT	t-4WD			t-4WD		4733	Cherry Lake N	2	
01S62	GR	1.42	GIS	ALL	ALL	NAT	ML1				ML1	4562	Cherry Lake S	2	
01S63	GR	0.09	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4564	Ackerson Mt	2	
01S63Y	GR	2.26	GIS	ALL	ALL	NAT	ADM				ADM	4564	Ackerson Mt	2	
01S63YA	GR	0.10	GIS	ALL	ALL	NAT	ADM				ADM	4564	Ackerson Mt	2	
01S65Y	GR	0.45	GIS	ML1		NAT	t-4WD			t-4WD		4564	Ackerson Mt	2	
01S66Y	GR	0.49	GIS	ML1		NAT	t-ALL			t-ALL		4564	Ackerson Mt	2	
01S70	GR	1.10	GIS	ALL	ALL	NAT					ML1	4563	Ascension Mt	2	
01S70	GR	1.64	GIS	ALL		AGG					ML1	4563	Ascension Mt	2	
01S70A	GR	0.34	GIS	ALL	ALL	NAT	ML1				ML1	4563	Ascension Mt	2	
01S73Y	GR	2.12	GIS	ML1	ALL	NAT	ALL			ALL		4564	Ackerson Mt	2	
01S79	GR	0.12	GIS	ML1	ATV	NAT	t-ATV			t-ATV		4564	Ackerson Mt	2	
01S79	GR	2.51	GIS	ML1		NAT				t-ALL		4564	Ackerson Mt	2	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
01S79	GR	0.19	GIS	ML1		NAT				t-ALL		4563	Ascension Mt	2	
01S81	GR	1.90	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4382	Kinsley	2	
01S81A	GR	0.59	GIS	ML1		NAT				t-ALL		4382	Kinsley	2	
01S81Y	GR	1.00	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	1	
01S82	GR	1.39	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4391	Buckhorn Peak	2	
01S86	GR	2.77	GIS	ML1	HLO	NAT	t-4WD			t-ALL		4574	Jawbone Ridge	2	
01S86B	GR	0.57	GIS	ML1		NAT	t-4WD			t-ALL		4382	Kinsley	2	
01S96	GR	1.52	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
01S96A	GR	0.22	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
01S97	GR	0.90	GIS	ML1		NAT	t-4WD			t-4WD		4574	Jawbone Ridge	2	
02N04	GR	1.11	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	3	
02N04	GR	0.22	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	3	
02N05	GR	0.83	GIS	HLO	HLO	NAT	ALL			ALL		4912	Calaveras Dome	3	mixed use sign plan
02N14	GR	1.81	GIS	HLO	HLO	AGG	ALL			ALL		4924	Dorrington	3	mixed use sign plan
02N14	GR	2.57	GIS	HLO	HLO	AGG	ALL			ALL		4914	Liberty Hill	3	mixed use sign plan
02N64	GR	0.71	GIS	ML1		NAT	t-ALL			t-ALL		4573	Groveland	3	
02N82	GR	1.33	GIS	ALL	ALL	NAT				t-ALL		4574	Jawbone Ridge	3	
02N87	GR	0.13	GIS	ALL	ALL	NAT	ADM				ADM	4391	Buckhorn Peak	3	
02S01	GR	0.79	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
02S01	GR	0.32	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
02S01	GR	0.07	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
02S01	GR	0.67	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
02S01	GR	1.26	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4382	Kinsley	2	
02S01	GR	7.71	GIS	ALL		NAT	HLO				HLO	4574	Jawbone Ridge	2	
02S01A	GR	0.92	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	2	
02S01C	GR	0.39	GIS	ALL	ALL	NAT	HLO				HLO	4391	Buckhorn Peak	2	
02S01G	GR	0.08	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4381	EI Portal	2	
02S01G	GR	0.01	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4381	EI Portal	2	
02S01G	GR	0.30	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
02S02	GR	5.35	GIS	HLO	HLO	AGG	ALL			ALL		4924	Dorrington	2	mixed use sign plan
02S02	GR	0.10	GIS	HLO	HLO	AGG	ALL			ALL		4914	Liberty Hill	2	mixed use sign plan
02S02	GR	2.37	GIS	HLO	HLO	AGG	ALL			ALL		4913	Boards Crossing	2	mixed use sign plan
02S04	GR	1.47	GIS	ALL	ALL	NAT	ADM				ADM	4391	Buckhorn Peak	2	
02S04Y	GR	0.38	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	1	
02S04YA	GR	0.44	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	1	
02S05C	GR	0.98	GIS	ML1		NAT				t-ALL		4391	Buckhorn Peak	1	
02S07	GR	2.88	GIS	ML1		NAT	ALL			ALL	ALL	4563	Ascension Mt	1	
02S07A	GR	0.66	GIS	ML1		NAT				t-ALL		4563	Ascension Mt	2	
02S07Y	GR	1.45	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4382	Kinsley	2	
02S08	GR	3.47	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	1	
02S09A	GR	1.64	GIS	ML1		NAT				t-ALL		4392	Coulterville	2	
02S09Y	GR	1.12	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4392	Coulterville	1	
02S10Y	GR	0.88	GIS	ML1		NAT				t-ALL		4392	Coulterville	2	
02S11C	GR	1.04	GIS	ML1		NAT				t-ALL		4564	Ackerson Mt	1	
02S11Y	GR	0.76	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
02S12Y	GR	0.45	GIS	ML1		NAT	HLO			HLO		4391	Buckhorn Peak	2	
02S12YA	GR	0.28	GIS	ML1		NAT	HLO			HLO		4382	Kinsley	2	
02S13	GR	0.91	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
02S13	GR	2.75	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4563	Ascension Mt	2	
02S17Y	GR	1.27	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
02S18A	GR	0.55	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	1	
02S18Y	GR	1.51	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	2	
02S20	GR	1.73	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4573	Groveland	2	
02S20C	GR	0.37	GIS	ML1		NAT	t-ALL			t-ALL		4381	EI Portal	2	
02S20Y	GR	2.33	GIS	ML1		NAT				t-ALL		4574	Jawbone Ridge	2	
02S21	GR	0.02	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	1	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
02S21	GR	1.54	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	1	
02S21	GR	3.51	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	1	
02S21	GR	0.03	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	1	
02S21Y	GR	0.30	GIS	ALL	ALL	NAT	t-ALL			t-ALL	ML1	4391	Buckhorn Peak	2	
02S21Y	GR	1.53	GIS	ML1		NAT	t-ALL			t-ALL		4563	Ascension Mt	2	
02S22	GR	0.73	GIS	ML1		NAT				t-ALL		4391	Buckhorn Peak	2	
02S22Y	GR	1.15	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	1	
02S23	GR	1.64	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	1	
02S23	GR	0.02	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	1	
02S23	GR	1.43	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	1	
02S23YA	GR	0.73	GIS	ML1		NAT	t-ALL			t-ALL		4391	Buckhorn Peak	2	
02S24	GR	0.47	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	2	
02S24Y	GR	0.32	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	2	
02S26	GR	1.48	GIS	ML1		NAT				t-ALL		4391	Buckhorn Peak	2	
02S30	GR	1.11	GIS	HLO	HLO	BIT	ALL			ALL		4913	Boards Crossing	2	combined use sign plan
02S30A	GR	0.18	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	2	
02S30B	GR	0.34	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4391	Buckhorn Peak	2	
02S34	GR	0.24	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	1	
02S35	GR	0.29	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	1	
02S37	GR	1.60	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	1	
02S37YB	GR	0.74	GIS	ML1		NAT	t-ALL			t-ALL		4381	EI Portal	2	
02S39B	GR	0.85	GIS	ML1		NAT	t-ALL			t-ALL		4381	EI Portal	2	
02S41	GR	1.60	GIS	ML1		NAT	ALL			ALL		4381	EI Portal	2	
02S43	GR	1.40	GIS	ML1		NAT	t-4WD			t-4WD		4574	Jawbone Ridge	1	
02S44	GR	1.49	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	1	
02S45	GR	1.19	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4381	EI Portal	1	
02S47	GR	0.27	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	1	
02S50Y	GR	0.73	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4563	Ascension Mt	2	
02S52	GR	0.35	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4382	Kinsley	1	
02S53	GR	0.97	GIS	ML1	HLO	NAT	HLO			ALL	HLO	4563	Ascension Mt	1	
02S53	GR	0.11	GIS	ML1	HLO	NAT	HLO			ALL	HLO	4733	Cherry Lake N	1	
02S53A	GR	0.09	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4733	Cherry Lake N	1	
02S56	GR	1.13	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4571	Duckwall Mt	1	
02S56A	GR	0.21	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4571	Duckwall Mt	1	
02S57	GR	0.29	GIS	ALL	ALL	NAT	ADM			ADM		4562	Cherry Lake S	1	
02S57	GR	0.67	GIS	ALL	ALL	NAT	ADM			ADM		4733	Cherry Lake N	1	
02S58	GR	0.20	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	1	
02S59A	GR	0.50	GIS	ML1		NAT				t-ALL		4562	Cherry Lake S	1	
02S59B	GR	1.35	GIS	ML1		NAT				t-ALL		4562	Cherry Lake S	1	
02S64C	GR	0.73	GIS	ML1		NAT	t-ALL			t-ALL		4562	Cherry Lake S	2	
02S65D	GR	0.22	GIS	ALL	ALL	NAT	ML1				ML1	4391	Buckhorn Peak	2	
02S68	GR	1.81	GIS	ML1		NAT	ALL			ALL		4563	Ascension Mt	2	
02S74	GR	1.37	GIS	ML1		NAT				t-ALL		4574	Jawbone Ridge	2	
02S74A	GR	1.73	GIS	ML1		NAT				t-ALL		4574	Jawbone Ridge	2	
02S82	GR	0.34	GIS	ML1		NAT	t-4WD			t-ALL		4574	Jawbone Ridge	2	
02S83	GR	1.83	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4562	Cherry Lake S	2	
02S83B	GR	0.38	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4574	Jawbone Ridge	2	
02S84	GR	0.50	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4571	Duckwall Mt	2	
02S86	GR	0.08	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4572	Tuolumne	1	
02S93C	GR	0.36	GIS	ML1		NAT	t-ALL			t-ALL		4572	Tuolumne	2	
02S97	GR	0.63	GIS	ALL	ALL	AGG	HLO			HLO	HLO	4572	Tuolumne	2	
02S97	GR	0.40	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4572	Tuolumne	2	
03N01	GR	0.57	GIS	HLO	HLO	AGG	ALL			ALL		4914	Liberty Hill	2	combined use sign plan
03N01	GR	0.86	GIS	HLO	HLO	AGG	ALL			ALL		4914	Liberty Hill	3	combined use sign plan
03N01	GR	0.30	GIS	HLO	HLO	AC	ALL			ALL		4914	Liberty Hill	3	combined use sign plan
03N01	GR	0.31	GIS	HLO	HLO	AC	ALL			ALL		4914	Liberty Hill	3	combined use sign plan

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement	
				SYS	USE	SUR	1	2	3	4	5	#	Name			
03N01	GR	0.60	GIS	HLO	HLO	AC	ALL			ALL			4914	Liberty Hill	3	combined use sign plan
03N01	GR	2.24	GIS	HLO	HLO	AGG				ALL			4914	Liberty Hill	3	mixed use sign plan
03N01C	GR	0.11	GIS	ALL	ALL	NAT	HLO			HLO	HLO		4571	Duckwall Mt	2	
03N01P	GR	0.44	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
03N01P	GR	0.61	GIS	ALL	ALL	NAT	t-4WD				HLO		4571	Duckwall Mt	2	
03N01Q	GR	0.20	GIS	ALL	ALL	NAT	HLO				HLO		4743	Twain Harte	2	
03S06	GR	0.66	GIS	ML1		NAT				t-ALL			4743	Twain Harte	1	
21904B	GR	0.06	GIS	ALL	ALL	NAT	HLO				HLO		4743	Twain Harte	2	
FR4898	GR	0.09	GIS	ALL	ALL	NAT	ADM				ADM		4743	Twain Harte	2	
FR4898	GR	0.22	GIS	ALL	ALL	NAT	ADM				ADM		4743	Twain Harte	2	
FR7856	GR	0.14	MAP	ALL	ALL	NAT	HLO			HLO	HLO		4743	Twain Harte	2	
FR8445	GR	0.05	MAP	ALL	ALL	AC	HLO			HLO	HLO		4743	Twain Harte	3	
FR8602	GR	0.23	MAP	ALL	ALL	NAT	ADM				ADM		4743	Twain Harte	2	
01N01	MW	0.02	GIS	HLO	HLO	NAT	ALL			ALL			4914	Liberty Hill	1	mixed use sign plan
01N01	MW	8.47	GIS	HLO	HLO	AC	ALL			ALL			4912	Calaveras Dome	1	mixed use sign plan
01N01	MW	5.77	GIS	ALL	ALL	NAT					t-ALL		4743	Twain Harte	1	
01N01J	MW	0.28	GIS	ALL	ALL	NAT	HLO				HLO		4743	Twain Harte	1	
01N03	MW	0.01	GIS	ALL	ALL	NAT	HLO				HLO		4743	Twain Harte	1	
01N16	MW	0.03	GIS	ALL	ALL	NAT	HLO				HLO		4743	Twain Harte	2	
01N33	MW	0.73	GIS	ALL	ALL	AGG	HLO				HLO		4743	Twain Harte	2	
01N58A	MW	0.40	GIS	ALL	ALL	NAT	ML1				ML1		4743	Twain Harte	2	
02N03Y	MW	0.79	GIS	ALL	ALL	AGG	HLO				HLO		4572	Tuolumne	2	
02N03Y	MW	0.04	GIS	ALL	ALL	AGG	HLO				HLO		4572	Tuolumne	2	
02N03Y	MW	0.29	GIS	ALL	ALL	AGG	HLO				HLO		4572	Tuolumne	2	
02N03Y	MW	0.02	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N03Y	MW	0.16	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N03Y	MW	0.02	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N03Y	MW	0.08	GIS	ALL	ALL	NAT	HLO				HLO		4743	Twain Harte	2	
02N03Y	MW	0.03	GIS	ALL	ALL	NAT	HLO				HLO		4743	Twain Harte	2	
02N03Y	MW	0.58	GIS	ALL	ALL	NAT	HLO				HLO		4743	Twain Harte	2	
02N03YA	MW	0.31	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N03YB	MW	0.18	GIS	ML1		NAT				t-ALL			4572	Tuolumne	2	
02N03YB	MW	0.43	GIS	ML1		NAT				t-ALL			4572	Tuolumne	2	
02N07	MW	0.92	GIS	ALL	ALL	AGG	HLO				HLO		4572	Tuolumne	2	
02N07D	MW	0.05	GIS	ML1		NAT	t-ALL			t-ALL			4572	Tuolumne	2	
02N08	MW	0.42	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N08	MW	0.43	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N08	MW	0.30	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N08A	MW	0.29	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N09	MW	0.14	GIS	ALL	ALL	NAT	ADM				ADM		4743	Twain Harte	1	
02N09	MW	1.13	GIS	ALL	ALL	NAT	ADM				ADM		4743	Twain Harte	1	
02N09A	MW	0.36	GIS	ALL	ALL	AGG	HLO				HLO		4744	Hull Creek	2	
02N09D	MW	0.19	GIS	ALL	ALL	NAT	HLO				HLO		4743	Twain Harte	2	
02N09D	MW	0.11	GIS	ALL	ALL	NAT	HLO				HLO		4743	Twain Harte	2	
02N10	MW	1.17	GIS	ALL	ALL	AGG	HLO				HLO		4743	Twain Harte	1	
02N10	MW	0.06	GIS	ALL	ALL	NAT	HLO				HLO		4743	Twain Harte	2	
02N10	MW	0.10	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N10	MW	0.05	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N10	MW	1.77	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N10	MW	0.07	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N10	MW	0.07	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N10	MW	0.05	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N10	MW	0.86	GIS	ALL	ALL	NAT	HLO				HLO		4572	Tuolumne	2	
02N13Y	MW	0.26	GIS	ALL	ALL	AGG	HLO				HLO		4572	Tuolumne	3	
02N13Y	MW	0.85	GIS	ALL	ALL	AGG	HLO				HLO		4572	Tuolumne	3	
02N14	MW	3.50	GIS	HLO	HLO	AGG	ALL			ALL			4912	Calaveras Dome	3	mixed use sign plan

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement	
				SYS	USE	SUR	1	2	3	4	5	#	Name			
02N26	MW	0.47	GIS	ALL	ALL	AC	HLO					HLO	4572	Tuolumne	2	
02N26	MW	0.21	GIS	ALL	ALL	NAT	HLO					HLO	4572	Tuolumne	2	
02N26	MW	0.59	GIS	ALL	ALL	NAT	HLO					HLO	4571	Duckwall Mt	2	
02N32Y	MW	0.03	GIS	ALL	ALL	NAT	HLO					HLO	4744	Hull Creek	2	
02N34	MW	2.63	GIS	ALL	ALL	AGG	HLO					HLO	4743	Twain Harte	2	
02N34A	MW	0.84	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	2	
02N34B	MW	0.56	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	2	
02N34C	MW	0.47	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	2	
02N39	MW	0.86	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	2	
02N39A	MW	0.71	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	2	
02N44	MW	0.65	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	2	
02N44	MW	0.17	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	2	
02N44	MW	0.50	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	2	
02N44	MW	0.32	GIS	ALL	ALL	NAT	HLO					HLO	4744	Hull Creek	2	
02N44	MW	1.60	GIS	ALL	ALL	NAT	HLO					HLO	4744	Hull Creek	2	
02N44A	MW	0.08	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	2	
02N58	MW	0.80	GIS	ALL	ALL	NAT	ML1					ML1	4733	Cherry Lake N	3	
02N63A	MW	0.08	GIS	ALL	ALL	NAT	HLO					HLO	4744	Hull Creek	2	
02N63B	MW	0.15	MAO	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	2	
02N75	MW	0.82	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	1	
02N75A	MW	0.30	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	1	
02N81	MW	2.08	GIS	ALL	ALL	NAT						HLO	4733	Cherry Lake N	3	
02N81A	MW	0.18	GIS	ALL	ALL	NAT						HLO	4744	Hull Creek	3	
02N88	MW	1.35	GIS	ALL	ALL	AGG	HLO					HLO	4744	Hull Creek	1	
02N88A	MW	0.28	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	1	
02N93	MW	1.02	GIS	ALL	ALL	NAT	ML1					ML1	4754	Columbia SE	2	
03N01	MW	1.80	GIS	HLO	HLO	AGG	ALL			ALL			4914	Liberty Hill	3	combined use sign plan
03N01	MW	5.77	GIS	HLO	HLO	AGG	ALL			ALL			4912	Calaveras Dome	3	mixed use sign plan
03N01	MW	1.69	GIS	HLO	HLO	AGG	ALL			ALL			4912	Calaveras Dome	3	mixed use sign plan
03N01	MW	1.58	GIS	HLO	HLO	AGG				ALL			4912	Calaveras Dome	3	mixed use sign plan
03N01D	MW	0.15	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	3	
03N01H	MW	0.95	GIS	ALL	ALL	AGG						HLO	4754	Columbia SE	3	
03N01J	MW	0.81	GIS	ALL	ALL	AGG						HLO	4754	Columbia SE	3	
03N01L	MW	0.38	GIS	ALL	ALL	NAT						HLO	4754	Columbia SE	3	
03N01M	MW	0.63	GIS	ALL	ALL	NAT						HLO	4751	Stanislaus	3	
03N01U	MW	0.07	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	3	
03N01W	MW	0.22	GIS	ML1	ALL	NAT				t-ALL			4743	Twain Harte	3	
03N01Y	MW	1.69	GIS	ALL	MC	NAT	t-MC			t-MC	t-MC		4744	Hull Creek	2	
03N02	MW	0.11	GIS	ALL	ALL	NAT	HLO					HLO	4744	Hull Creek	2	
03N03	MW	0.08	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	1	
03N03	MW	3.43	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	1	
03N03B	MW	0.77	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	1	
03N03C	MW	0.21	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	1	
03N04	MW	0.09	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	1	
03N06Y	MW	0.02	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	2	
03N06Y	MW	0.89	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	2	
03N07	MW	1.80	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	2	
03N08Y	MW	0.49	GIS	ML1	ALL	NAT	t-ATV			t-ATV	t-ATV		4754	Columbia SE	3	
03N10Y	MW	0.57	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	2	
03N10YA	MW	0.19	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	2	
03N11	MW	5.13	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	1	
03N11	MW	0.61	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	1	
03N11	MW	0.53	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	1	
03N11	MW	0.03	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	1	
03N11	MW	0.32	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	1	
03N11A	MW	1.10	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	2	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement	
				SYS	USE	SUR	1	2	3	4	5	#	Name			
03N11B	MW	0.32	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	2	
03N11C	MW	0.22	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	2	
03N11D	MW	0.01	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	1	
03N12	MW	3.28	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	1	
03N12A	MW	1.11	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	1	
03N12B	MW	1.04	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	1	
03N14	MW	0.89	GIS	ALL	ALL	AGG	HLO					HLO	4733	Cherry Lake N	2	
03N14	MW	0.16	GIS	ALL	ALL	AGG	HLO					HLO	4733	Cherry Lake N	2	
03N14	MW	0.34	GIS	ALL	ALL	AGG	HLO					HLO	4733	Cherry Lake N	2	
03N14	MW	0.13	GIS	ALL	ALL	AGG	HLO					HLO	4733	Cherry Lake N	2	
03N15	MW	3.56	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	1	
03N16	MW	3.32	GIS	ALL	ALL	AGG						HLO	4733	Cherry Lake N	3	
03N16	MW	1.32	GIS	ALL	ALL	AGG						HLO	4733	Cherry Lake N	3	
03N17Y	MW	1.30	GIS	ALL	ALL	NAT						HLO	4733	Cherry Lake N	3	
03N18	MW	2.57	GIS	ALL	ALL	NAT						HLO	4743	Twain Harte	3	
03N20Y	MW	2.85	GIS	ALL	ALL	AGG						HLO	4743	Twain Harte	3	
03N20YB	MW	0.11	GIS	ALL	ALL	NAT						HLO	4743	Twain Harte	3	
03N20YC	MW	0.81	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	3	
03N20YD	MW	0.84	GIS	ALL	ALL	NAT						HLO	4744	Hull Creek	3	
03N20YD	MW	0.50	GIS	ALL	ALL	NAT						HLO	4744	Hull Creek	3	
03N22	MW	1.85	GIS	ALL	ALL	AGG						HLO	4744	Hull Creek	3	
03N22A	MW	1.32	GIS	ALL	ALL	NAT						HLO	4733	Cherry Lake N	3	
03N22Y	MW	0.60	GIS	ALL	ALL	NAT						HLO	4733	Cherry Lake N	3	
03N24	MW	4.87	GIS	ALL	ALL	AGG	HLO					HLO	4733	Cherry Lake N	2	
03N24A	MW	0.09	GIS	ML1		NAT				t-ALL			4733	Cherry Lake N	2	
03N24D	MW	0.30	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	2	
03N25	MW	1.43	GIS	ALL	ALL	NAT						HLO	4733	Cherry Lake N	3	
03N26YA	MW	0.11	GIS	ALL	ALL	NAT					ML1		4733	Cherry Lake N	3	
03N26YB	MW	0.14	GIS	ML1	ALL	NAT	ALL			ALL			4733	Cherry Lake N	3	
03N26YB	MW	0.15	GIS	ML1	ALL	NAT	ALL			t-ATV			4733	Cherry Lake N	3	
03N27	MW	2.85	GIS	ALL	ALL	NAT						HLO	4732	Pinecrest	3	
03N27	MW	1.60	GIS	ALL	ALL	NAT						HLO	4732	Pinecrest	3	
03N27A	MW	1.03	GIS	ALL	ALL	NAT						HLO	4743	Twain Harte	3	
03N27B	MW	0.34	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
03N27C	MW	2.06	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
03N27C	MW	0.65	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
03N27Y	MW	1.20	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
03N27YA	MW	0.40	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
03N28	MW	2.26	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
03N29A	MW	0.70	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
03N29C	MW	1.05	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
03N30	MW	1.75	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	2	
03N30	MW	0.20	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	2	
03N30	MW	0.08	GIS	ALL	ALL	NAT	HLO					HLO	4744	Hull Creek	2	
03N30	MW	0.62	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	2	
03N30	MW	1.02	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	2	
03N30	MW	0.14	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	2	
03N30	MW	0.38	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	2	
03N30	MW	0.04	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	2	
03N30	MW	0.20	GIS	ALL	ALL	NAT	HLO					HLO	4733	Cherry Lake N	2	
03N32Y	MW	2.18	GIS	ALL	ALL	NAT						HLO	4744	Hull Creek	3	
03N32YA	MW	0.28	GIS	ALL	ALL	NAT						HLO	4744	Hull Creek	3	
03N34	MW	1.63	GIS	ALL	ALL	NAT	HLO					HLO	4753	Columbia	2	
03N34A	MW	0.27	GIS	ALL	ALL	NAT	HLO					HLO	4754	Columbia SE	2	
03N34Y	MW	3.21	GIS	HLO	HLO	AGG	ALL			ALL			4913	Boards Crossing	3	mixed use sign plan
03N34Y	MW	0.75	GIS	ALL	ALL	NAT						HLO	4733	Cherry Lake N	3	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement
				SYS	USE	SUR	1	2	3	4	5	#	Name		
03N38	MW	0.04	GIS	ALL	ALL	NAT	HLO				HLO	4754	Columbia SE	1	
03N39	MW	3.16	GIS	ALL	ALL	NAT	HLO				HLO	4754	Columbia SE	2	
03N40	MW	0.23	GIS	ALL	ALL	NAT					HLO	4733	Cherry Lake N	3	
03N41	MW	1.68	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4741	Strawberry	2	
03N43A	MW	0.55	GIS	ML1		NAT				t-ALL		4741	Strawberry	3	
03N44	MW	1.62	GIS	ALL	ALL	NAT	HLO				HLO	4741	Strawberry	1	
03N45	MW	0.19	GIS	ALL	ALL	NAT	HLO				HLO	4741	Strawberry	1	
03N45YA	MW	0.54	GIS	ALL	ALL	NAT					HLO	4741	Strawberry	3	
03N46	MW	0.42	GIS	ALL	ALL	NAT	HLO				HLO	4741	Strawberry	1	
03N46	MW	0.28	GIS	ALL	ALL	NAT	HLO				HLO	4744	Hull Creek	1	
03N46Y	MW	0.80	GIS	ALL	ALL	NAT					HLO	4754	Columbia SE	3	
03N48	MW	2.30	GIS	ALL	ALL	AGG	HLO				HLO	4754	Columbia SE	3	
03N48	MW	0.59	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	3	
03N48	MW	0.12	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	3	
03N48	MW	0.07	GIS	ALL	ALL	NAT	HLO				HLO	4741	Strawberry	3	
03N48A	MW	0.53	GIS	ALL	ALL	NAT	HLO				HLO	4741	Strawberry	3	
03N48B	MW	0.80	GIS	ALL	ALL	NAT	HLO				HLO	4744	Hull Creek	3	
03N48Y	MW	0.75	GIS	ML1	ALL	NAT	t-ALL			t-ALL	t-ALL	4743	Twain Harte	3	
03N50	MW	0.91	GIS	ALL	ALL	NAT	HLO				HLO	4754	Columbia SE	2	
03N50	MW	2.05	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	2	
03N53	MW	0.50	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	2	
03N58	MW	0.29	GIS	ALL	ALL	NAT	t-MC			t-MC	ML1	4743	Twain Harte	2	
03N59	MW	0.52	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	3	
03N59A	MW	0.10	GIS	ALL	ALL	NAT	HLO				HLO	4751	Stanislaus	3	
03N60	MW	1.33	GIS	ML1	ATV	NAT	t-ATV			t-ATV	t-ATV	4751	Stanislaus	3	
03N68	MW	1.71	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	2	
03N68Y	MW	0.88	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	1	
03N69	MW	0.56	GIS	ALL	ALL	AGG	HLO				HLO	4743	Twain Harte	2	
03N69	MW	0.82	GIS	ALL	ALL	AGG	HLO				HLO	4743	Twain Harte	2	
03N69	MW	3.83	GIS	ALL	ALL	NAT	HLO				HLO	4742	Crandall Peak	2	
03N69A	MW	0.61	GIS	ALL	ALL	NAT	HLO			HLO	HLO	4742	Crandall Peak	2	
03N69Y	MW	0.06	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	1	
03N69Y	MW	0.42	GIS	ALL	ALL	NAT	HLO				HLO	4744	Hull Creek	1	
03N70A	MW	0.13	GIS	ALL	ALL	NAT	HLO				HLO	4744	Hull Creek	3	
03N71	MW	0.08	GIS	ALL	ALL	NAT	HLO				HLO	4733	Cherry Lake N	2	
03N71	MW	0.64	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	2	
03N71	MW	0.01	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	3	
03N71Y	MW	1.30	GIS	ML1	MC	NAT	t-MC			t-MC		4741	Strawberry	2	
03N71Y	MW	0.28	GIS	ML1	MC	NAT	t-MC			t-MC		4741	Strawberry	2	
03N72	MW	1.43	GIS	ALL	ALL	NAT	HLO				HLO	4744	Hull Creek	3	
03N73	MW	2.05	GIS	ALL	ALL	NAT	HLO				HLO	4744	Hull Creek	2	
03N73B	MW	0.31	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	2	
03N75Y	MW	0.32	GIS	ALL	ALL	NAT					HLO	4743	Twain Harte	3	
03N77	MW	0.56	GIS	ALL	ALL	AGG	HLO				HLO	4743	Twain Harte	3	
03N84	MW	0.47	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	3	
03N87	MW	0.19	GIS	ALL	ALL	NAT	HLO				HLO	4744	Hull Creek	3	
03N87	MW	2.04	GIS	ALL	ALL	NAT	HLO				HLO	4744	Hull Creek	3	
03N89	MW	0.72	GIS	ALL	ALL	NAT	HLO				HLO	4744	Hull Creek	3	
03N90	MW	3.77	GIS	ALL	ALL	AGG	HLO				HLO	4744	Hull Creek	3	
03N91	MW	0.17	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	2	
03N91	MW	0.12	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	3	
03N91	MW	0.05	GIS	ALL	ALL	NAT	HLO				HLO	4743	Twain Harte	2	
03N91	MW	0.06	GIS	ALL	ALL	NAT	HLO				HLO	4741	Strawberry	2	
03N92	MW	0.88	GIS	ALL	ALL	AGG	HLO				HLO	4742	Crandall Peak	3	
03N92	MW	0.30	GIS	ALL	ALL	AGG	HLO				HLO	4742	Crandall Peak	3	
03N95	MW	1.12	GIS	ALL	ALL	NAT	HLO				HLO	4751	Stanislaus	3	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement	
				SYS	USE	SUR	1	2	3	4	5	#	Name			
03N95A	MW	0.56	GIS	ALL	ALL	NAT	HLO					HLO	4751	Stanislaus	3	
03N99	MW	1.50	GIS	ALL	ALL	AGG	HLO					HLO	4741	Strawberry	3	
03N99	MW	0.15	GIS	ALL	ALL	AGG	HLO					HLO	4751	Stanislaus	3	
03N99	MW	0.87	GIS	ALL	ALL	AGG	HLO					HLO	4741	Strawberry	2	
04N01	MW	2.26	GIS	ALL	ALL	AGG	HLO					HLO	4742	Crandall Peak	2	
04N01	MW	0.38	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	2	
04N01	MW	2.32	GIS	ALL	ALL	NAT	HLO					HLO	4743	Twain Harte	1	
04N01	MW	0.41	GIS	ALL	ALL	AGG	HLO					HLO	4743	Twain Harte	2	
04N01	MW	0.52	GIS	ALL	ALL	AGG	HLO					HLO	4743	Twain Harte	2	
04N01A	MW	0.31	GIS	ALL	ALL	NAT	HLO					HLO	4751	Stanislaus	2	
04N01B	MW	0.58	GIS	ALL	ALL	NAT	HLO					HLO	4751	Stanislaus	2	
04N01C	MW	0.07	GIS	ALL	ALL	NAT	HLO					HLO	4751	Stanislaus	2	
04N01Y	MW	0.59	GIS	ALL	ALL	NAT	HLO					HLO	4751	Stanislaus	2	
04N02	MW	0.54	GIS	ALL	ALL	NAT	HLO					HLO	4751	Stanislaus	2	
04N02	MW	1.07	GIS	ALL	ALL	AGG	HLO					HLO	4751	Stanislaus	2	
04N02	MW	0.16	GIS	ALL	ALL	AGG	HLO					HLO	4751	Stanislaus	2	
04N02	MW	0.17	GIS	ALL	ALL	AGG	HLO					HLO	4751	Stanislaus	2	
04N04	MW	2.29	GIS	ALL	ALL	AGG	HLO					HLO	4732	Pinecrest	1	
04N04	MW	0.25	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	1	
04N04	MW	0.38	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	1	
04N04A	MW	0.77	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	1	
04N04C	MW	1.10	GIS	ALL	ALL	NAT	HLO					HLO	4744	Hull Creek	1	
04N05	MW	0.48	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	1	
04N05	MW	1.25	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	1	
04N05B	MW	0.01	GIS	ALL	ALL	NAT	HLO					HLO	4751	Stanislaus	1	
04N09	MW	0.30	GIS	HLO	HLO	BIT	ALL			ALL		4913	Boards Crossing	1	combined use sign plan	
04N09	MW	0.62	GIS	ML1	ALL	NAT	ALL			ALL		4751	Stanislaus	3		
04N09	MW	0.04	GIS	ML1	ALL	NAT	t-ALL			t-ALL		4751	Stanislaus	3		
04N09	MW	0.27	GIS	ML1		NAT				t-ALL		4742	Crandall Peak	3		
04N09	MW	0.76	GIS	ML1		NAT				t-MC		4742	Crandall Peak	3		
04N11	MW	4.94	GIS	ALL	ALL	NAT	HLO					HLO	4742	Crandall Peak	3	
04N13	MW	1.02	GIS	ALL	ALL	NAT	HLO					HLO	4742	Crandall Peak	2	
04N15Y	MW	0.48	GIS	ALL	ALL	NAT	HLO					HLO	4742	Crandall Peak	1	
04N16Y	MW	0.62	GIS	ALL	ALL	NAT	HLO					HLO	4742	Crandall Peak	1	
04N16YA	MW	0.28	GIS	ALL	ALL	NAT	HLO					HLO	4742	Crandall Peak	1	
04N17	MW	0.03	GIS	ALL	ALL	NAT	HLO					HLO	4751	Stanislaus	2	
04N17	MW	0.28	GIS	ALL	ALL	NAT	HLO					HLO	4751	Stanislaus	2	
04N17D	MW	0.59	GIS	ALL	ALL	NAT	ML1			t-ALL	ML1	4732	Pinecrest	2		
04N17E	MW	0.32	GIS	ALL	ALL	NAT	ML1				ML1	4741	Strawberry	2		
04N17F	MW	0.63	GIS	ALL	ALL	NAT	ML1				ML1	4741	Strawberry	2		
04N18	MW	0.69	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	2	
04N18	MW	0.92	GIS	ALL	ALL	NAT	HLO					HLO	4744	Hull Creek	2	
04N20Y	MW	1.17	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	1	
04N20YA	MW	0.20	GIS	ALL	ALL	NAT	ML1			ML1	ML1	4732	Pinecrest	1		
04N25	MW	0.44	GIS	HLO	HLO	AGG	ALL			ALL		4913	Boards Crossing	3	combined use sign plan	
04N32	MW	2.00	GIS	ALL	ALL	AC	HLO					HLO	4732	Pinecrest	3	
04N32A	MW	0.88	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N32C	MW	0.42	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N33	MW	0.42	GIS	HLO	ALL	NAT				ALL		4914	Liberty Hill	3	mixed use sign plan	
04N35Y	MW	0.50	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	2	
04N49Y	MW	0.16	GIS	ALL	ALL	NAT	ML1					ML1	4732	Pinecrest	3	
04N49Y	MW	1.23	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
04N49YA	MW	0.13	GIS	ML1		NAT	t-4WD			t-ALL		4741	Strawberry	3		
04N50Y	MW	2.01	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
04N50Y	MW	1.57	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
04N50YC	MW	1.10	GIS	ALL	ALL	NAT						HLO	4751	Stanislaus	3	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement	
				SYS	USE	SUR	1	2	3	4	5	#	Name			
04N61A	MW	0.69	GIS	ALL	ALL	NAT	HLO					HLO	4751	Stanislaus	2	
04N69	MW	1.63	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	2	
04N72Y	MW	0.93	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
04N72YA	MW	0.25	GIS	ALL	ALL	NAT						HLO	4741	Strawberry	3	
04N74	MW	0.26	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	1	
04N75	MW	1.80	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	2	
04N78	MW	2.86	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	2	
04N90	MW	4.05	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	2	
04N95	MW	0.36	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N95	MW	0.22	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N95	MW	0.48	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N98	MW	1.22	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N02Y	SU	1.86	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N06YA	SU	0.07	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N10	SU	2.43	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N10A	SU	0.82	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N10B	SU	0.66	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N11	SU	2.38	GIS	ALL	ALL	AGG	HLO					HLO	4732	Pinecrest	3	
04N12Q	SU	0.17	MAP	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N13	SU	0.34	GIS	ALL	ALL	AC	HLO					HLO	4732	Pinecrest	2	
04N13	SU	2.08	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	2	
04N24	SU	0.30	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N25A	SU	0.27	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N26B	SU	0.78	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N26C	SU	0.35	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N27Y	SU	0.84	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N31	SU	0.05	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	2	
04N31	SU	0.79	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N31A	SU	0.36	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N32	SU	0.60	GIS	ALL	ALL	AGG	HLO					HLO	4741	Strawberry	3	
04N33	SU	1.75	GIS	ALL	ALL	BIT	HLO					HLO	4732	Pinecrest	3	
04N34	SU	2.44	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N34	SU	1.22	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N34	SU	2.27	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N35Y	SU	2.04	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	2	
04N47	SU	4.03	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N47D	SU	0.19	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N47Y	SU	1.76	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N51Y	SU	0.51	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	2	
04N54	SU	1.17	GIS	ALL	ALL	NAT	HLO					HLO	4742	Crandall Peak	3	
04N55	SU	0.48	GIS	ALL	ALL	NAT	HLO					HLO	4742	Crandall Peak	3	
04N55	SU	0.71	GIS	ALL	ALL	NAT	HLO					HLO	4742	Crandall Peak	3	
04N57	SU	0.15	GIS	ALL	ALL	NAT	HLO					HLO	4742	Crandall Peak	3	
04N57A	SU	0.37	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N65	SU	0.08	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N65	SU	0.76	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N65	SU	0.08	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N65	SU	0.23	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
04N67	SU	0.32	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	2	
04N67A	SU	0.31	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	2	
04N68Y	SU	1.52	GIS	ALL	ALL	NAT	HLO					HLO	4742	Crandall Peak	3	
04N70	SU	1.51	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N71	SU	1.13	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N71A	SU	0.58	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N73	SU	0.78	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	2	
04N76Y	SU	0.23	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement	
				SYS	USE	SUR	1	2	3	4	5	#	Name			
04N76Y	SU	0.37	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N77Y	SU	0.38	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N78Y	SU	0.50	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
04N78YA	SU	0.34	GIS	ALL	ALL	NAT	HLO					HLO	4904	Dardanella	3	
04N78YB	SU	0.21	GIS	ALL	ALL	NAT	HLO					HLO	4904	Dardanella	3	
04N91	SU	0.43	GIS	ALL	ALL	NAT	HLO					HLO	4904	Dardanella	3	
04N91	SU	0.14	GIS	ALL	ALL	NAT	HLO					HLO	4904	Dardanella	3	
04N91	SU	0.50	GIS	ALL	ALL	NAT	HLO					HLO	4904	Dardanella	3	
05N01	SU	2.54	GIS	HLO	HLO	AGG	ALL			ALL			4914	Liberty Hill	3	mixed use sign plan
05N01	SU	0.55	GIS	HLO	HLO	NAT	ALL			ALL			4914	Liberty Hill	3	mixed use sign plan
05N01	SU	0.47	GIS	HLO	HLO	NAT	ALL			ALL			4911	Tamarack	3	mixed use sign plan
05N01	SU	0.71	GIS	HLO	HLO	NAT	ALL			ALL			4911	Tamarack	3	mixed use sign plan
05N01	SU	2.61	GIS	HLO	HLO	NAT	ALL			ALL			4911	Tamarack	3	mixed use sign plan
05N02C	SU	0.16	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
05N02C	SU	0.22	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
05N02D	SU	0.21	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	2	
05N02F	SU	0.24	GIS	ALL	ALL	AGG	HLO					HLO	4741	Strawberry	3	
05N02H	SU	0.22	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
05N02L	SU	0.19	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
05N02L	SU	0.13	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
05N04	SU	0.30	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
05N14D	SU	0.66	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
05N17Y	SU	0.15	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
05N26Y	SU	1.15	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
05N29Y	SU	0.76	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
05N29Y	SU	0.18	GIS	ALL	ALL	NAT	HLO					HLO	4741	Strawberry	3	
05N44	SU	0.15	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
05N44	SU	0.27	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
05N44	SU	0.20	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
05N44	SU	0.06	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
05N44	SU	0.03	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
05N59	SU	1.03	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
05N73Y	SU	0.29	GIS	ALL	ALL	NAT	HLO					HLO	4732	Pinecrest	3	
05N85Y	SU	0.92	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
05N85YA	SU	0.90	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
05N93	SU	1.44	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
06N06A	SU	0.31	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
06N06B	SU	0.09	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
06N06B	SU	0.05	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
06N06B1	SU	0.27	MAP	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
06N06C	SU	0.26	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
06N06F	SU	0.08	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
06N07Y	SU	0.08	GIS	ALL	ALL	NAT	HLO					HLO	4893	Sonora Pass	3	
06N08Y	SU	0.06	GIS	ALL	ALL	NAT	HLO					HLO	4893	Sonora Pass	3	
06N09Y	SU	0.04	GIS	ALL	ALL	NAT	HLO					HLO	4893	Sonora Pass	3	
06N12	SU	0.34	GIS	ALL	ALL	NAT	HLO					HLO	4904	Dardanella	3	
06N14	SU	0.37	GIS	ALL	ALL	NAT	HLO					HLO	4904	Dardanella	3	
06N16A	SU	0.21	GIS	ALL	ALL	NAT	HLO					HLO	4901	Dardanelles Cone	3	
06N19	SU	0.48	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
06N19A	SU	0.15	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
06N24	SU	0.13	GIS	ALL	ALL	AGG	ADM					ADM	4903	Donnell Lake	3	
06N24	SU	0.32	GIS	ALL	ALL	AGG	ML1					ML1	4903	Donnell Lake	3	
06N24	SU	0.49	GIS	ALL	ALL	AGG	HLO					HLO	4903	Donnell Lake	3	
06N24A	SU	0.19	GIS	ALL	ALL	AGG	HLO			HLO		HLO	4903	Donnell Lake	3	
06N30	SU	0.72	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	
06N30A	SU	0.10	GIS	ALL	ALL	NAT	HLO					HLO	4914	Liberty Hill	3	

Route	RD	MI	SRC	Existing			Alternative					Quad		SEA	Mitigation/Requirement	
				SYS	USE	SUR	1	2	3	4	5	#	Name			
06N33Y	SU	0.92	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
06N34Y	SU	2.91	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
06N34YD	SU	0.25	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
06N36Y	SU	1.12	GIS	ALL	ALL	NAT	ADM					ADM	4904	Dardanelle	3	
06N36Y	SU	0.21	GIS	ALL	ALL	NAT	HLO					HLO	4904	Dardanelle	3	
06N36Y	SU	0.04	GIS	ALL	ALL	NAT	HLO					HLO	4904	Dardanelle	3	
06N37Y	SU	0.09	GIS	ALL	ALL	NAT	HLO					HLO	4893	Sonora Pass	3	
06N39Y	SU	0.10	GIS	ALL	ALL	NAT	HLO					HLO	4893	Sonora Pass	3	
06N44Y	SU	0.12	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
06N45Y	SU	0.26	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
06N47Y	SU	0.25	GIS	ALL	ALL	NAT	HLO					HLO	4904	Dardanelle	3	
06N82Y	SU	0.24	GIS	ALL	ALL	NAT	t-4WD					HLO	4904	Dardanelle	3	
07N13	SU	0.60	GIS	ALL	ALL	NAT	HLO					HLO	4901	Dardanelles Cone	3	
07N13A	SU	0.15	GIS	ALL		NAT	HLO					HLO	4901	Dardanelles Cone	3	
07N30Y	SU	0.23	GIS	ALL	ALL	NAT	HLO					HLO	4901	Dardanelles Cone	3	
07N30YA	SU	0.09	GIS	ALL	ALL	NAT	HLO					HLO	4901	Dardanelles Cone	3	
07N30YB	SU	0.09	GIS	ALL	ALL	NAT	HLO					HLO	4901	Dardanelles Cone	3	
41899Z21	SU	0.08	MAP	ALL	ALL	AC	HLO			HLO		HLO	4732	Pinecrest	3	
51913A1	SU	0.06	MAP	ALL	ALL	NAT	HLO					HLO	4904	Dardanelle	3	
61919A	SU	0.16	GIS	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
61931B04	SU	0.06	MAP	ALL	ALL	NAT	t-4WD					t-4WD	4903	Donnell Lake	3	
61932B	SU	0.05	MAP	ALL	ALL	NAT	HLO					HLO	4903	Donnell Lake	3	
62127C	SU	0.14	GIS	ALL	ALL	NAT	HLO					HLO	4893	Sonora Pass	3	
72032C	SU	0.05	GIS	ALL	ALL	NAT	HLO					HLO	4901	Dardanelles Cone	3	
FR12607	SU	0.19	MAP	ALL	ALL	AC	HLO			HLO		HLO	4741	Strawberry	3	
FR14823	SU	0.25	MAP	ALL	ALL	NAT	HLO			HLO		HLO	4901	Dardanelles Cone	3	
FR14833	SU	0.09	MAP	ALL	ALL	NAT	HLO			HLO		HLO	4901	Dardanelles Cone	3	

Legend

- AC Asphalt
 - ADM Administrative Use Only (closed to public motorized use)
 - AGG Aggregate or Gravel
 - ALL All Vehicles
 - ATV ATV (open to ATV and Motorcycle)
 - CAL Calaveras
 - GIS Geographic Information System
 - GR Groveland
 - HLO Highway Legal Only
 - INV Inventory
 - MC Motorcycle
 - MI Miles
 - MW Mi-Wok
 - NAT Native Material
 - RD Ranger District
 - SEA Season of Use
- | | Alternative 1 | Alternative 4 | Alternative 5 |
|---|---------------|---------------|---------------|
| 1 | year-round | year-round | year-round |
| 2 | 4/1-11/30 | 4/1-12/31 | 4/15-11/15 |
| 3 | 5/15-11/30 | 4/1-12/31 | 5/15-11/15 |
- SRC Source
 - SUR Surface
 - SYS System (National Forest System)
 - t-ALL convert road to All Vehicle trail
 - t-ATV convert road to ATV trail
 - t-MC convert road to MC trail
 - t-4WD convert road to 4WD trail

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
01N45	GR	1.73	NAT	2	4/1-11/30	4/1-12/31	no public
01N45Y	GR	0.48	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
01N46	MW	0.92	NAT	1	year-round	year-round	year-round
01N48	MW	0.84	NAT	1	year-round	year-round	year-round
01N48A	MW	0.60	NAT	1	year-round	year-round	year-round
01N48B	MW	0.18	NAT	1	year-round	year-round	year-round
01N49	MW	1.42	NAT	1	year-round	year-round	year-round
01N49	MW	2.78	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N49A	MW	0.22	NAT	1	year-round	year-round	year-round
01N49B	MW	0.37	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N50	MW	2.70	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N50A	MW	0.44	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N50C	MW	1.13	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N51	MW	0.65	NAT	1	year-round	year-round	year-round
01N53	MW	0.38	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N54A	MW	0.10	NAT	1	year-round	year-round	year-round
01N56	MW	3.21	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N56A	MW	1.16	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N57	MW	2.20	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N58	MW	1.95	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N58A	MW	0.40	NAT	2	no public	4/1-12/31	no public
01N58B	MW	0.20	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N59	GR	0.19	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N60	GR	0.76	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N60A	GR	0.35	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N61	MW	1.69	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N67	MW	1.22	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N69	GR	1.14	NAT	2	4/1-11/30	4/1-12/31	no public
01N70Y	MW	0.74	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N70YB	MW	0.19	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N74	GR	4.31	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N74C	GR	0.33	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N76	GR	2.38	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N77	MW	1.10	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N77A	MW	0.18	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N78	MW	0.28	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N78	MW	0.23	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01N78A	MW	0.17	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01N79	GR	3.34	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N79A	GR	0.51	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N79B	GR	0.74	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N80	GR	1.44	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N81	GR	0.72	NAT	2	4/1-11/30	4/1-12/31	no public
01N82	GR	0.30	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01N83	GR	1.95	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N88	GR	0.63	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N89	GR	0.52	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N91	GR	0.58	NAT	2	4/1-11/30	4/1-12/31	no public
01N94	GR	0.55	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N94A	GR	0.40	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01N96	GR	4.94	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01N96E	GR	0.52	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01N97	GR	5.01	AGG	3	5/15-11/30	4/1-12/31	no public
01N97E	GR	0.64	NAT	3	no public	4/1-12/31	no public
01N98	GR	0.64	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S01	GR	2.95	NAT	2	no public	4/1-12/31	no public
01S01Y	GR	0.07	NAT	2	4/1-11/30	4/1-12/31	no public
01S01Y	GR	0.59	NAT	2	no public	4/1-12/31	no public
01S01YA	GR	0.17	NAT	2	no public	4/1-12/31	no public
01S01YB	GR	0.65	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S01YC	GR	0.13	NAT	2	4/1-11/30	4/1-12/31	no public
01S02	GR	7.27	AC	2	4/1-11/30	4/1-12/31	4/15-11/15

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
04N41Y	CAL	0.12	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
04N42	MW	1.07	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N44	CAL	0.22	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N47	SU	4.02	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N47D	SU	0.19	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N47Y	SU	1.76	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N48Y	SU	0.22	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N49Y	MW	1.23	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N49Y	MW	0.16	NAT	3	no public	4/1-12/31	no public
04N49YA	MW	0.13	NAT	3	5/15-11/30	4/1-12/31	no public
04N50	CAL	0.14	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N50Y	MW	3.58	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N50YC	MW	1.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N51Y	SU	0.51	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N53Y	SU	0.24	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N54	SU	1.17	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N55	SU	1.19	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N57	SU	0.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N57A	SU	0.37	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N59	SU	1.22	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
04N61	MW	2.02	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N61A	MW	0.69	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N62	CAL	0.38	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N62Y	MW	0.64	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N63	CAL	3.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N63Y	SU	1.55	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N65	SU	1.16	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N67	SU	0.32	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N67A	SU	0.31	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N68Y	SU	1.52	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N69	MW	1.63	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N70	SU	0.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N70	SU	1.16	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N71	SU	1.13	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N71A	SU	0.58	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N72Y	MW	1.67	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N72YA	MW	0.25	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N73	SU	0.77	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N74	MW	0.26	NAT	1	year-round	year-round	year-round
04N74Y	MW	1.63	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N75	MW	1.80	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N76	SU	1.72	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N76Y	SU	0.59	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N77	MW	0.79	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N77Y	SU	0.38	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N78	MW	2.85	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N78Y	SU	0.50	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N78YA	SU	0.34	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N78YB	SU	0.21	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N79	MW	0.88	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N79	MW	1.10	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
04N80	MW	0.52	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N80Y	CAL	3.06	AGG	3	5/15-11/30	4/1-12/31	no public
04N81	MW	0.73	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N81	MW	2.20	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
04N82	MW	0.63	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N82Y	MW	0.84	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N83	MW	1.62	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N83B	MW	0.52	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N85	MW	2.94	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
04N85	MW	0.00	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
04N86	MW	1.04	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
01S03	GR	1.53	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
01S03	GR	9.75	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S03A	GR	0.63	NAT	2	4/1-11/30	4/1-12/31	no public
01S04	GR	1.17	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S04	GR	1.79	AGG	2	4/1-11/30	4/1-12/31	no public
01S04A	GR	0.85	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S05	GR	4.00	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S05A	GR	0.65	NAT	2	no public	4/1-12/31	no public
01S05Y	GR	1.96	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S06	GR	0.70	NAT	1	year-round	year-round	year-round
01S06B	GR	0.10	NAT	1	year-round	year-round	year-round
01S06B	GR	0.01	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S07	GR	0.28	AGG	1	year-round	year-round	year-round
01S07	GR	0.47	IMP	1	year-round	year-round	year-round
01S07	GR	2.01	NAT	1	year-round	year-round	year-round
01S07D	GR	0.53	NAT	1	year-round	year-round	year-round
01S08	GR	1.46	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S08Y	GR	1.08	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S09	GR	2.03	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S10	MW	0.66	NAT	1	year-round	year-round	year-round
01S10A	MW	0.31	NAT	1	year-round	year-round	year-round
01S11	GR	3.11	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S11A	GR	0.86	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S11C	GR	1.11	NAT	2	4/1-11/30	4/1-12/31	no public
01S11D	GR	0.98	NAT	2	4/1-11/30	4/1-12/31	no public
01S11F	GR	0.57	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S11Y	GR	1.44	NAT	2	no public	4/1-12/31	no public
01S12	GR	18.47	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S12D	GR	0.73	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S12E	GR	1.20	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S12G	GR	0.77	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S12H	GR	0.77	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S13	GR	15.93	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S13	GR	0.70	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S13C	GR	2.00	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S13Y	GR	1.22	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S14	GR	12.45	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S14K	GR	0.17	NAT	2	4/1-11/30	4/1-12/31	no public
01S14L	GR	0.58	NAT	2	4/1-11/30	4/1-12/31	no public
01S14M	GR	0.29	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S15	GR	1.66	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S15	GR	2.51	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S15C	GR	0.57	NAT	2	4/1-11/30	4/1-12/31	no public
01S15Y	GR	0.13	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S15Y	GR	3.14	NAT	2	no public	4/1-12/31	no public
01S15YA	GR	1.36	NAT	2	no public	4/1-12/31	no public
01S15YB	GR	0.18	NAT	2	no public	4/1-12/31	no public
01S16	GR	0.73	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S16	GR	1.85	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S16A	GR	0.27	NAT	2	no public	4/1-12/31	no public
01S16B	GR	0.25	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S16Y	GR	1.87	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S17	GR	3.02	NAT	1	year-round	year-round	year-round
01S17A	GR	0.56	NAT	1	year-round	year-round	year-round
01S17D	GR	0.20	NAT	1	year-round	year-round	year-round
01S19	GR	2.65	IMP	2	4/1-11/30	4/1-12/31	4/15-11/15
01S19A	GR	0.99	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S19C	GR	0.24	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S19Y	GR	0.47	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S20	GR	0.30	NAT	2	4/1-11/30	4/1-12/31	no public
01S20Y	GR	0.65	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S21	GR	0.37	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
04N86Y	MW	0.49	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
04N88	MW	5.79	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N88A	MW	0.38	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N89	MW	1.35	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N89A	MW	0.67	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N90	MW	4.05	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N91	SU	1.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N95	MW	1.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N95	MW	1.16	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
04N97	MW	0.82	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N98	MW	1.22	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
04N99	MW	1.83	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N01	SU	3.46	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
05N01	SU	1.13	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
05N01	SU	2.30	BST	3	5/15-11/30	4/1-12/31	5/15-11/15
05N01	SU	4.34	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N01	SU	0.82	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
05N01A	SU	0.56	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N01J	SU	1.01	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N01M	SU	0.86	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N02	SU	8.16	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
05N02	CAL	17.64	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N02	CAL	5.79	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
05N02	SU	5.64	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N02	SU	5.32	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
05N02	SU	7.11	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
05N02B	CAL	0.89	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N02C	SU	0.38	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N02D	SU	0.21	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
05N02F	SU	0.24	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
05N02H	SU	0.22	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N02L	SU	0.32	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N02R	CAL	1.87	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N04	SU	3.52	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N05Y	SU	0.71	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N05YA	SU	0.65	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N06	SU	1.73	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N06Y	SU	0.38	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N07X	CAL	2.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N08Y	SU	1.48	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N08YA	SU	0.34	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N08YC	SU	0.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N09	SU	4.90	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N09A	SU	0.66	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N09C	SU	0.18	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N09D	SU	0.13	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N09X	SU	8.77	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N09XA	SU	0.71	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N10	CAL	7.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N10C	CAL	1.50	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N11	SU	3.48	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N11Y	SU	0.88	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N12	SU	0.25	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N12	SU	2.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N12Y	SU	0.80	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N12YA	SU	0.45	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N13X	SU	0.52	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
05N13Y	SU	0.63	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N14	CAL	10.68	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N14	CAL	1.08	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
05N14	CAL	4.25	BST	3	5/15-11/30	4/1-12/31	5/15-11/15
05N14	SU	12.10	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
01S21Y	GR	1.61	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S22	GR	2.42	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S23	GR	3.03	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S23C	GR	0.27	NAT	2	4/1-11/30	4/1-12/31	no public
01S23D	GR	0.34	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S23Y	GR	0.67	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
01S24	GR	3.36	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S24A	GR	1.07	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S25	GR	2.88	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S25A	GR	2.37	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S25C	GR	0.62	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S25D	GR	0.52	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S25E	GR	0.24	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S25F	GR	0.52	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S25Y	GR	0.74	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S26	GR	4.94	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S26A	GR	0.20	NAT	2	4/1-11/30	4/1-12/31	no public
01S26B	GR	0.41	NAT	2	no public	4/1-12/31	no public
01S26C	GR	0.68	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S26E	GR	0.20	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S27	GR	0.80	NAT	2	4/1-11/30	4/1-12/31	no public
01S27Y	GR	0.84	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S28	GR	0.81	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S28Y	GR	0.32	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S29	GR	5.22	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S29A	GR	0.24	NAT	2	no public	4/1-12/31	no public
01S29C	GR	0.74	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S30	GR	2.03	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S30A	GR	0.24	NAT	2	4/1-11/30	4/1-12/31	no public
01S30B	GR	0.55	NAT	2	no public	4/1-12/31	no public
01S30Y	GR	0.12	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
01S31Y	GR	0.16	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S32	GR	2.08	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S32A	GR	0.50	NAT	2	4/1-11/30	4/1-12/31	no public
01S33	GR	1.72	NAT	1	no public	year-round	no public
01S35Y	GR	1.00	NAT	1	no public	year-round	no public
01S35Y	GR	1.32	NAT	1	year-round	year-round	year-round
01S35YA	GR	0.39	NAT	1	year-round	year-round	year-round
01S36	GR	1.37	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S36B	GR	0.20	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S36Y	GR	0.50	NAT	1	year-round	year-round	year-round
01S37	GR	0.91	NAT	1	year-round	year-round	year-round
01S38	GR	0.36	NAT	1	year-round	year-round	year-round
01S38Y	GR	1.15	NAT	1	year-round	year-round	year-round
01S39	GR	0.62	NAT	1	no public	year-round	no public
01S39	GR	0.18	NAT	1	year-round	year-round	year-round
01S39Y	GR	0.89	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S39YA	GR	0.10	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S39YB	GR	0.38	NAT	2	4/1-11/30	4/1-12/31	no public
01S40Y	GR	0.51	NAT	1	year-round	year-round	year-round
01S41	GR	1.43	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S41A	GR	0.52	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S42	GR	1.03	NAT	1	no public	year-round	no public
01S42Y	GR	0.36	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S43	GR	0.25	NAT	1	year-round	year-round	year-round
01S45Y	GR	0.39	NAT	2	4/1-11/30	4/1-12/31	no public
01S46	GR	0.25	NAT	2	4/1-11/30	4/1-12/31	no public
01S46Y	GR	1.78	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S46YB	GR	0.30	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S46YC	GR	0.20	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S47	GR	0.97	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
01S47A	GR	0.65	AC	2	4/1-11/30	4/1-12/31	4/15-11/15

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
05N14D	SU	0.66	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N14G	CAL	0.65	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N14L	CAL	1.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N14M	CAL	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N14Y	SU	2.19	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N15X	SU	0.54	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N15XA	SU	0.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N15Y	SU	2.04	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
05N16	CAL	0.95	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N16A	CAL	0.25	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N17	SU	1.01	NAT	3	year-round	4/1-12/31	5/15-11/30
05N17Y	SU	0.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N18	SU	0.26	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N18Y	SU	2.85	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N18YB	SU	0.18	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N18YC	SU	0.30	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N18YD	SU	0.52	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N21	SU	4.93	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N22	SU	3.13	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N22Y	SU	1.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N24	CAL	0.16	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
05N25	SU	2.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N25A	SU	0.28	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N25B	SU	0.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N26	SU	0.47	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
05N26Y	SU	1.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N28	SU	4.21	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
05N28C	SU	0.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N28D	SU	0.51	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N29	SU	3.00	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N29Y	SU	0.94	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N30	SU	3.16	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N30A	SU	2.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N31	SU	2.67	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N32	SU	2.76	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N32A	SU	2.17	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N34Y	CAL	0.60	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
05N35	CAL	1.65	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N35B	CAL	0.46	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N39	SU	5.46	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N39A	SU	1.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N39Y	SU	1.62	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N40Y	SU	3.87	AGG	3	year-round	4/1-12/31	5/15-11/15
05N41Y	CAL	1.47	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
05N42	CAL	5.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N43Y	CAL	1.82	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
05N44	SU	0.71	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N47	CAL	0.63	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N47A	CAL	0.32	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N47B	CAL	0.26	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N47Y	CAL	2.09	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
05N48Y	SU	1.57	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
05N50	CAL	0.34	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
05N50Y	SU	0.41	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N51Y	CAL	1.58	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N51YA	CAL	0.44	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N52	CAL	2.51	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
05N53Y	CAL	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N55	CAL	1.60	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
05N55Y	SU	1.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N55YA	SU	0.40	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N55YB	SU	0.25	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
01S47B	GR	0.06	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
01S48	MW	0.76	NAT	1	year-round	year-round	year-round
01S48Y	GR	0.71	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S49	MW	2.35	NAT	1	year-round	year-round	year-round
01S50	GR	0.42	NAT	2	no public	4/1-12/31	no public
01S50Y	GR	0.41	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S51	GR	2.23	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S51A	GR	0.77	NAT	2	4/1-11/30	4/1-12/31	no public
01S51B	GR	0.71	NAT	2	no public	4/1-12/31	no public
01S52	GR	0.15	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S52Y	GR	0.49	NAT	1	year-round	year-round	no public
01S53	GR	1.08	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S54Y	GR	0.50	NAT	2	4/1-11/30	4/1-12/31	no public
01S55Y	GR	0.17	AC	1	year-round	year-round	year-round
01S55Y	GR	1.34	NAT	1	year-round	year-round	year-round
01S56Y	GR	0.60	NAT	2	4/1-11/30	4/1-12/31	no public
01S57	GR	1.96	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S57B	GR	1.45	NAT	2	4/1-11/30	4/1-12/31	no public
01S57Y	GR	0.66	NAT	2	4/1-11/30	4/1-12/31	no public
01S58	GR	2.99	NAT	2	no public	4/1-12/31	no public
01S59	GR	0.87	NAT	2	4/1-11/30	4/1-12/31	no public
01S60	GR	1.92	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S60Y	GR	0.51	NAT	2	4/1-11/30	4/1-12/31	no public
01S61Y	GR	0.26	NAT	2	4/1-11/30	4/1-12/31	no public
01S61YA	GR	0.55	NAT	2	4/1-11/30	4/1-12/31	no public
01S62	GR	1.42	NAT	2	no public	4/1-12/31	no public
01S62A	GR	0.39	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S63	GR	0.08	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S63Y	GR	2.26	NAT	2	no public	4/1-12/31	no public
01S63YA	GR	0.10	NAT	2	no public	4/1-12/31	no public
01S64	GR	1.59	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S65Y	GR	0.45	NAT	2	4/1-11/30	4/1-12/31	no public
01S66	GR	0.00	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S66	GR	1.79	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S66A	GR	0.33	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S66Y	GR	0.49	NAT	2	4/1-11/30	4/1-12/31	no public
01S67	GR	3.15	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S67Y	GR	0.51	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
01S69	GR	1.26	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S70	GR	1.10	NAT	2	4/1-11/30	4/1-12/31	no public
01S70	GR	1.63	AGG	2	4/1-11/30	4/1-12/31	no public
01S70A	GR	0.34	NAT	2	no public	4/1-12/31	no public
01S70B	GR	0.42	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S71	GR	1.65	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S72Y	GR	1.16	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S73Y	GR	2.12	NAT	2	4/1-11/30	4/1-12/31	no public
01S75	GR	1.10	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S75A	GR	0.30	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S75Y	GR	1.56	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S75YA	GR	0.69	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S75YB	GR	0.32	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S76	GR	1.65	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S78	GR	4.04	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S78A	GR	0.80	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S79	GR	0.12	NAT	2	4/1-11/30	4/1-12/31	no public
01S79	GR	2.70	NAT	2	no public	4/1-12/31	no public
01S80	GR	2.48	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S80A	GR	0.55	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S80B	GR	0.82	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S81	GR	1.90	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S81A	GR	0.59	NAT	2	no public	4/1-12/31	no public
01S81Y	GR	1.00	NAT	1	year-round	year-round	year-round

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
05N56	CAL	0.94	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
05N56	CAL	1.32	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
05N59	SU	1.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N59Y	SU	0.40	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N63	CAL	0.90	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N65Y	SU	1.64	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N66	CAL	0.02	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N67	SU	1.39	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
05N67Y	CAL	0.18	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
05N71	CAL	2.21	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N71A	CAL	0.61	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N71Y	SU	0.20	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N72	CAL	0.41	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N73Y	SU	0.29	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N76Y	CAL	1.43	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N77Y	CAL	4.53	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N79Y	CAL	1.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N80Y	SU	0.18	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N82Y	SU	0.62	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N83Y	SU	0.46	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N83YB	SU	0.21	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N85Y	SU	0.92	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N85YA	SU	0.90	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N87	SU	2.17	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N87D	SU	0.24	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N88	CAL	2.18	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N88	CAL	2.14	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
05N88B	CAL	4.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N88Y	CAL	1.28	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N88YA	CAL	0.44	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N89	CAL	3.23	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N89Y	CAL	0.13	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
05N90	SU	1.58	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N92	SU	2.50	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N92B	SU	0.75	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N92Y	CAL	0.05	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
05N93	SU	1.44	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N93Y	SU	0.84	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N95	SU	3.60	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N95	SU	6.51	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
05N95B	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N95J	SU	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
05N95Y	CAL	0.18	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
05N95YA	CAL	0.11	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
05N97	SU	0.83	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
05N99Y	CAL	0.64	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
06N01	SU	0.83	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
06N01A	SU	0.19	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N01B	SU	0.11	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
06N03	CAL	2.84	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N03C	CAL	0.43	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N03E	CAL	0.26	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N03F	CAL	0.46	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N05	SU	8.71	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N05B	SU	0.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N05Y	SU	0.80	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N06	SU	6.23	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N06A	SU	0.31	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N06B	SU	0.14	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N06B1	SU	0.27	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N06C	SU	0.26	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N06F	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
01S82	GR	1.39	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S83	GR	0.67	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S85	GR	1.68	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S86	GR	2.76	NAT	2	4/1-11/30	4/1-12/31	no public
01S86B	GR	0.57	NAT	2	4/1-11/30	4/1-12/31	no public
01S87	GR	0.66	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S87A	GR	0.19	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S89	GR	2.13	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S90	GR	0.06	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
01S94	GR	0.76	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
01S96	GR	1.51	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S96A	GR	0.22	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
01S97	GR	0.90	NAT	2	4/1-11/30	4/1-12/31	no public
02N01	MW	0.68	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
02N01B	MW	0.43	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N03	MW	1.77	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N03Y	MW	0.89	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N03Y	MW	1.12	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02N03YA	MW	0.31	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N03YB	MW	0.60	NAT	2	no public	4/1-12/31	no public
02N04	GR	1.33	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N04Y	MW	0.54	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N05	GR	4.63	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N05A	GR	2.79	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N05Y	MW	0.65	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N05YA	MW	0.48	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N06	MW	5.16	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N06A	MW	0.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N06B	MW	0.14	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N06Y	MW	0.86	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N07	MW	6.64	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N07	MW	1.54	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02N07C	MW	0.29	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N07D	MW	0.05	NAT	2	4/1-11/30	4/1-12/31	no public
02N08	MW	1.15	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N08A	MW	0.29	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N08Y	GR	1.75	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N08Y	GR	6.78	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
02N08YA	GR	0.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N08YB	GR	0.42	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N08YD	GR	1.22	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N09	MW	1.27	NAT	1	no public	year-round	no public
02N09	MW	4.05	AGG	1	year-round	year-round	year-round
02N09	MW	0.16	NAT	1	year-round	year-round	year-round
02N09A	MW	0.36	AGG	1	year-round	year-round	year-round
02N09D	MW	0.29	NAT	1	year-round	year-round	year-round
02N10	MW	4.61	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N10	MW	1.17	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02N10Y	GR	5.11	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N11	MW	4.72	AGG	1	year-round	year-round	year-round
02N11	MW	3.35	NAT	1	year-round	year-round	year-round
02N11	MW	4.69	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N11	MW	2.64	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02N11A	MW	0.28	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N11C	MW	0.41	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N11D	MW	0.33	NAT	1	year-round	year-round	year-round
02N11F	MW	1.00	NAT	1	year-round	year-round	year-round
02N12	GR	0.84	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
02N13	MW	2.27	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02N13A	MW	0.54	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N13Y	MW	1.11	AGG	1	year-round	year-round	year-round
02N14	GR	5.54	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
06N07	CAL	2.29	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N07Y	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N08	CAL	4.27	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N08Y	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N09	CAL	5.37	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N09Y	SU	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N10	CAL	3.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N10X	SU	0.29	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
06N11	CAL	5.52	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N11A	CAL	0.42	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N11X	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N11Y	CAL	0.67	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N11YA	CAL	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N12	SU	0.33	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N12X	SU	0.36	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
06N13	SU	0.08	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
06N13X	CAL	0.30	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N13Y	SU	1.91	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N14	SU	0.37	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N15	SU	1.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N15A	SU	0.30	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N16	SU	0.95	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N16A	SU	0.21	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N17	CAL	9.55	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N17A	CAL	0.56	NAT	3	5/15-11/30	4/1-12/31	no public
06N17B	CAL	0.65	NAT	3	5/15-11/30	4/1-12/31	no public
06N17D	CAL	0.35	NAT	3	5/15-11/30	4/1-12/31	no public
06N17J	CAL	0.52	NAT	3	5/15-11/30	4/1-12/31	no public
06N17P	CAL	0.41	NAT	3	5/15-11/30	4/1-12/31	no public
06N17Q	CAL	0.14	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N17Y	CAL	0.98	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N17YA	CAL	0.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N18	CAL	5.75	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N18A	CAL	0.46	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N18C	CAL	0.28	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N18F	CAL	0.62	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N19	SU	0.48	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N19A	SU	0.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N19Y	SU	1.43	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N20Y	CAL	1.01	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N21Y	CAL	2.49	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N21YA	CAL	0.28	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N22Y	CAL	0.36	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N23	SU	0.27	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N23Y	CAL	1.18	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N24	SU	0.49	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
06N24	SU	0.32	NAT	3	no public	4/1-12/31	no public
06N24	SU	0.12	AGG	3	no public	4/1-12/31	no public
06N24A	SU	0.19	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
06N24Y	CAL	0.40	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N26	CAL	0.02	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
06N27	CAL	4.77	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N28Y	CAL	1.29	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N28YA	CAL	0.38	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N29	CAL	0.26	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N29Y	CAL	0.98	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N30	SU	0.72	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N30A	SU	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N31Y	SU	0.74	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N32	CAL	1.01	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N33	SU	0.10	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
06N33Y	SU	0.92	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
02N14	MW	3.49	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
02N14Y	MW	1.92	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N14YA	MW	0.53	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N15	GR	1.75	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N16	GR	1.75	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N16A	GR	0.42	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N17	MW	1.81	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N18	GR	1.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N20	MW	1.44	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N20A	MW	0.26	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N22	GR	2.27	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
02N22A	GR	0.76	IMP	3	5/15-11/30	4/1-12/31	5/15-11/30
02N23	GR	0.96	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N24	GR	3.28	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
02N26	MW	0.80	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N26	MW	0.47	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
02N28	MW	2.26	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N28	MW	0.01	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N29	MW	6.68	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N29A	MW	0.57	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N29Y	MW	0.95	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N31	MW	0.95	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N31Y	MW	0.72	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N31YA	MW	0.52	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N32	MW	2.80	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
02N32Y	MW	0.03	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N33	MW	1.14	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N34	MW	2.63	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02N34A	MW	0.84	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N34B	MW	0.56	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N34C	MW	0.47	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N39	MW	0.86	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N39A	MW	0.71	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N40	GR	3.01	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N41	GR	0.40	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N42	MW	0.98	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N43	MW	2.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N44	MW	3.25	IMP	2	4/1-11/30	4/1-12/31	4/15-11/15
02N44A	MW	0.08	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N45	MW	0.40	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N47	MW	1.72	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N47A	MW	0.32	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N48	MW	1.50	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N48A	MW	0.53	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N49	MW	0.22	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N49	MW	1.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N49A	MW	0.79	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N49A	MW	0.50	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N50	MW	0.99	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N52	MW	1.69	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N53	MW	1.70	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N53A	MW	0.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N54	MW	6.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N55	MW	2.02	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N56	GR	3.39	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N57	GR	0.29	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N57A	GR	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N58	GR	1.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N58	MW	0.90	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N58	MW	0.80	NAT	3	no public	4/1-12/31	no public
02N58B	MW	0.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N58C	MW	0.20	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
06N34Y	SU	2.91	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N34YD	SU	0.25	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N36Y	SU	0.25	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N36Y	SU	0.27	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
06N36Y	SU	1.12	NAT	3	no public	4/1-12/31	no public
06N37Y	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N38Y	SU	1.01	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N39Y	SU	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N40	CAL	0.09	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
06N41Y	SU	0.34	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N42Y	CAL	1.90	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N43Y	SU	0.26	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N44	CAL	0.05	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
06N44Y	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N45	CAL	10.32	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N45Y	SU	0.26	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N47Y	SU	0.25	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N53Y	CAL	0.85	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N54Y	CAL	0.17	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N58	CAL	5.97	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N58Y	CAL	0.80	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N59Y	CAL	0.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N60	CAL	0.22	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N60Y	CAL	0.02	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
06N62	CAL	1.34	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
06N63	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N64	CAL	0.99	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N64Y	SU	0.24	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N65Y	CAL	0.39	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
06N65YA	CAL	0.62	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
06N66Y	CAL	4.21	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N66YA	CAL	0.34	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N66YB	CAL	0.82	NAT	3	5/15-11/30	4/1-12/31	no public
06N70Y	CAL	1.22	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N71Y	CAL	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N73Y	CAL	0.41	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N74Y	CAL	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N75	CAL	0.37	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N76Y	CAL	0.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N76YA	CAL	0.25	NAT	3	5/15-11/30	4/1-12/31	no public
06N76YB	CAL	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N77	CAL	1.20	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N77A	CAL	0.82	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N77B	CAL	0.29	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N77Y	CAL	1.56	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N78	CAL	1.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N78A	CAL	0.17	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N78Y	CAL	1.57	IMP	3	5/15-11/30	4/1-12/31	5/15-11/30
06N79	CAL	1.41	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N79Y	CAL	0.31	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N80	CAL	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N80Y	CAL	0.78	NAT	3	5/15-11/30	4/1-12/31	no public
06N80YA	CAL	0.11	NAT	3	5/15-11/30	4/1-12/31	no public
06N81	CAL	0.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N81Y	CAL	1.29	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N81YA	CAL	0.51	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N82	CAL	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N82Y	SU	0.24	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N84Y	CAL	0.01	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N85	CAL	0.72	NAT	3	5/15-11/30	4/1-12/31	no public
06N85A	CAL	0.39	NAT	3	5/15-11/30	4/1-12/31	no public
06N85Y	CAL	0.46	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
02N59	GR	1.79	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N60	GR	1.32	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N62	MW	2.69	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N63A	MW	0.08	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N63B	MW	0.15	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N64	GR	0.71	NAT	3	5/15-11/30	4/1-12/31	no public
02N65	GR	0.45	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N66	GR	2.94	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N69	GR	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N71	MW	0.53	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
02N75	MW	0.82	NAT	1	year-round	year-round	year-round
02N75A	MW	0.30	NAT	1	year-round	year-round	year-round
02N76	GR	1.49	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N77Y	GR	0.54	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N78	GR	1.42	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N78	GR	0.60	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
02N80	GR	2.16	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
02N81	MW	2.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N81A	MW	0.18	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N82	GR	1.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N84	GR	0.62	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
02N85	MW	1.33	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02N87	GR	0.00	NAT	2	no public	4/1-12/31	no public
02N87	GR	0.13	NAT	3	no public	4/1-12/31	no public
02N88	MW	1.35	AGG	1	year-round	year-round	year-round
02N88A	MW	0.28	NAT	1	year-round	year-round	year-round
02N89	GR	2.01	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
02N91	MW	0.31	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N93	MW	0.65	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N93	MW	1.02	NAT	2	no public	4/1-12/31	no public
02N93A	MW	0.53	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02N94	GR	2.03	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
02N95	GR	1.28	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
02N98Y	MW	1.45	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
02S01	GR	13.61	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S01	GR	1.26	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02S01A	GR	0.92	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S01C	GR	0.39	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S01G	GR	0.38	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S02	GR	0.00	AGG	1	year-round	year-round	year-round
02S02	GR	13.65	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02S02C	GR	0.30	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S03	GR	0.00	NAT	1	year-round	year-round	year-round
02S03	GR	10.60	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S03Y	GR	1.37	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S04	GR	1.47	NAT	2	no public	4/1-12/31	no public
02S04Y	GR	0.37	NAT	1	year-round	year-round	year-round
02S04YA	GR	0.44	NAT	1	year-round	year-round	year-round
02S05	GR	1.26	NAT	1	year-round	year-round	year-round
02S05C	GR	0.98	NAT	1	no public	year-round	no public
02S06	GR	1.73	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S07	GR	2.88	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S07A	GR	0.66	NAT	2	no public	4/1-12/31	no public
02S07Y	GR	1.45	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S08	GR	3.58	NAT	1	year-round	year-round	year-round
02S09	GR	3.75	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S09A	GR	1.64	NAT	2	no public	4/1-12/31	no public
02S09Y	GR	1.12	NAT	1	year-round	year-round	year-round
02S10Y	GR	0.88	NAT	2	no public	4/1-12/31	no public
02S11	GR	3.78	NAT	1	year-round	year-round	year-round
02S11C	GR	1.03	NAT	1	no public	year-round	no public
02S11Y	GR	0.76	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
06N88Y	CAL	0.84	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N89	CAL	1.97	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N89Y	CAL	1.57	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N90	CAL	3.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N90A	CAL	0.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N90Y	CAL	1.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N90YA	CAL	0.83	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N91	CAL	6.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N91A	CAL	0.36	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N91B	CAL	0.34	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N91C	CAL	0.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N91D	CAL	0.79	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N91E	CAL	0.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N92	CAL	1.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N94	CAL	1.69	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N95	CAL	5.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N95A	CAL	0.43	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N95G	CAL	0.68	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N96	CAL	2.99	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N97Y	CAL	2.65	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N98	CAL	0.30	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
06N98Y	CAL	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N01	CAL	10.25	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
07N01C	CAL	0.17	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N01E	CAL	0.34	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N01G	CAL	0.13	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N01H	CAL	0.12	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
07N02	CAL	2.38	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N02Y	CAL	0.00	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
07N03Y	CAL	0.13	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
07N05	CAL	1.83	AGG	3	year-round	4/1-12/31	5/15-11/15
07N05	CAL	2.80	NAT	3	year-round	4/1-12/31	5/15-11/30
07N05Y	CAL	0.36	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
07N07Y	CAL	1.68	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N08	CAL	3.39	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
07N08	CAL	0.24	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
07N08	CAL	2.89	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N09	CAL	4.97	AC	3	year-round	4/1-12/31	5/15-11/15
07N09	CAL	14.53	AGG	3	year-round	4/1-12/31	5/15-11/15
07N09	CAL	4.42	NAT	3	year-round	4/1-12/31	5/15-11/30
07N09A	CAL	0.86	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N09B	CAL	0.45	NAT	3	5/15-11/30	4/1-12/31	no public
07N09C	CAL	0.62	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N09D	CAL	0.16	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N09E	CAL	0.29	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N09F	CAL	0.13	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N09G	CAL	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N09H	CAL	0.54	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N09J	CAL	0.26	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N09W	CAL	0.02	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N09W	CAL	0.23	NAT	3	5/15-11/30	4/1-12/31	no public
07N11	CAL	6.28	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N11D	CAL	0.68	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N12A	CAL	1.29	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N13	SU	0.60	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N13A	SU	0.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N14	CAL	2.48	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
07N14A	CAL	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N14C	CAL	0.47	NAT	3	5/15-11/30	4/1-12/31	no public
07N14D	CAL	0.64	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N14F	CAL	0.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N15	CAL	0.49	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
02S12	GR	1.33	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S12Y	GR	0.45	NAT	2	4/1-11/30	4/1-12/31	no public
02S12YA	GR	0.28	NAT	2	4/1-11/30	4/1-12/31	no public
02S13	GR	0.91	IMP	2	4/1-11/30	4/1-12/31	4/15-11/15
02S13	GR	2.75	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02S13C	GR	0.25	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S13F	GR	0.72	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S14	GR	1.22	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S15Y	GR	1.01	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S16	GR	2.54	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S16Y	GR	0.18	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02S17	GR	0.02	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02S17Y	GR	1.26	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S18	GR	0.21	AC	1	year-round	year-round	year-round
02S18	GR	2.68	NAT	1	year-round	year-round	year-round
02S18A	GR	0.55	NAT	1	year-round	year-round	year-round
02S18Y	GR	1.51	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S19	GR	0.01	NAT	1	year-round	year-round	year-round
02S19Y	GR	1.70	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S19YA	GR	0.51	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S19YB	GR	0.31	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S20	GR	9.87	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S20C	GR	0.37	NAT	2	4/1-11/30	4/1-12/31	no public
02S20D	GR	0.79	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S20Y	GR	2.33	NAT	2	no public	4/1-12/31	no public
02S21	GR	5.14	NAT	1	year-round	year-round	year-round
02S21Y	GR	1.83	NAT	2	4/1-11/30	4/1-12/31	no public
02S22	GR	0.72	NAT	2	no public	4/1-12/31	no public
02S22Y	GR	1.15	NAT	1	year-round	year-round	year-round
02S23	GR	3.09	NAT	1	year-round	year-round	year-round
02S23Y	GR	2.18	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S23YA	GR	0.73	NAT	2	4/1-11/30	4/1-12/31	no public
02S24	GR	0.47	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S24Y	GR	0.32	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S25	GR	3.43	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S26	GR	1.48	NAT	2	no public	4/1-12/31	no public
02S27	GR	0.40	IMP	2	4/1-11/30	4/1-12/31	4/15-11/15
02S27	GR	7.56	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S27A	GR	0.64	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S27B	GR	0.90	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S27C	GR	0.31	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S28	GR	2.75	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S28A	GR	0.44	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S28B	GR	0.36	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S30	GR	8.61	BST	2	4/1-11/30	4/1-12/31	4/15-11/15
02S30A	GR	0.18	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S30B	GR	0.33	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S30C	GR	0.57	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S30E	GR	0.46	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S31Y	GR	1.22	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S31YA	GR	0.39	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S31YB	GR	0.25	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S32	GR	2.10	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02S33	GR	3.30	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S33B	GR	0.24	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S34	GR	0.21	NAT	1	year-round	year-round	year-round
02S35	GR	0.29	NAT	1	year-round	year-round	year-round
02S37	GR	1.60	NAT	1	year-round	year-round	year-round
02S37Y	GR	2.12	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S37YB	GR	0.74	NAT	2	4/1-11/30	4/1-12/31	no public
02S38Y	GR	0.38	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S39	GR	1.51	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
07N16	CAL	4.83	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N16A	CAL	0.20	NAT	3	5/15-11/30	4/1-12/31	no public
07N16X	CAL	1.36	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N17	CAL	2.24	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N17	CAL	2.79	NAT	3	year-round	4/1-12/31	5/15-11/30
07N17A	CAL	0.08	NAT	3	5/15-11/30	4/1-12/31	no public
07N17B	CAL	0.57	AGG	3	no public	4/1-12/31	no public
07N18A	CAL	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N18Y	CAL	0.90	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N18YC	CAL	0.32	NAT	3	5/15-11/30	4/1-12/31	no public
07N19	CAL	3.53	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
07N19X	CAL	0.11	NAT	3	5/15-11/30	4/1-12/31	no public
07N19Y	CAL	0.75	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N20	CAL	0.40	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
07N20Y	CAL	0.44	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N20YA	CAL	0.17	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N21	CAL	1.03	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
07N21Y	CAL	1.19	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N21YA	CAL	0.30	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N22	CAL	1.51	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N23	CAL	4.45	AGG	3	year-round	4/1-12/31	5/15-11/15
07N23	CAL	1.53	BST	3	year-round	4/1-12/31	5/15-11/15
07N24	CAL	3.85	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N25Y	CAL	0.38	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N26	CAL	1.64	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N28	CAL	3.43	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N28	CAL	3.22	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
07N28E	CAL	0.71	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N28J	CAL	0.17	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N29Y	CAL	3.96	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
07N30Y	SU	0.23	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N30YA	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N30YB	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N31	CAL	1.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N31A	CAL	0.64	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N31B	CAL	0.14	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N31C	CAL	0.24	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N35	CAL	5.83	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N37Y	CAL	1.40	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N38	CAL	0.75	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N40Y	CAL	0.20	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N41Y	SU	0.11	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
07N46	CAL	1.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N46A	CAL	0.13	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N47	CAL	2.50	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N47	CAL	4.62	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
07N47C	CAL	0.57	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N48	CAL	0.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N48A	CAL	0.22	NAT	3	5/15-11/30	4/1-12/31	no public
07N48B	CAL	0.31	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N49Y	CAL	0.36	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N50	CAL	2.40	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N50Y	CAL	0.04	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
07N51	CAL	0.52	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N51A	CAL	0.19	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N51Y	CAL	0.43	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N52	CAL	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N52Y	CAL	0.27	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N53	CAL	3.52	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N53Y	CAL	1.42	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N54Y	CAL	1.22	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N55	CAL	1.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
02S39A	GR	0.43	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S39B	GR	0.85	NAT	2	4/1-11/30	4/1-12/31	no public
02S40	GR	1.36	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S41	GR	1.60	NAT	2	4/1-11/30	4/1-12/31	no public
02S43	GR	1.40	NAT	1	year-round	year-round	no public
02S44	GR	1.49	NAT	1	year-round	year-round	year-round
02S45	GR	1.19	NAT	1	year-round	year-round	year-round
02S47	GR	0.27	NAT	1	year-round	year-round	year-round
02S50	GR	0.21	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S50Y	GR	0.73	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S51Y	GR	1.90	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S51YA	GR	0.55	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S52	GR	0.34	NAT	1	year-round	year-round	year-round
02S53	GR	1.08	NAT	1	year-round	year-round	year-round
02S53A	GR	0.09	NAT	1	year-round	year-round	year-round
02S56	GR	1.13	NAT	1	year-round	year-round	year-round
02S56A	GR	0.21	NAT	1	year-round	year-round	year-round
02S57	GR	0.96	NAT	1	no public	year-round	no public
02S58	GR	0.20	NAT	1	year-round	year-round	year-round
02S59	GR	0.80	NAT	1	year-round	year-round	year-round
02S59A	GR	0.50	NAT	1	no public	year-round	no public
02S59B	GR	1.35	NAT	1	no public	year-round	no public
02S60	GR	1.93	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S60B	GR	0.51	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S60C	GR	0.21	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S62	GR	5.51	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S62B	GR	0.66	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S64	GR	1.61	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02S64C	GR	0.73	NAT	2	4/1-11/30	4/1-12/31	no public
02S65	GR	3.37	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S65D	GR	0.22	NAT	2	no public	4/1-12/31	no public
02S66	GR	3.26	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S66Y	GR	1.82	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S66YA	GR	0.09	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S67	GR	0.38	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S68	GR	1.81	NAT	2	4/1-11/30	4/1-12/31	no public
02S70	GR	1.31	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S70A	GR	0.58	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S71	GR	2.27	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S72	GR	0.46	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S74	GR	1.37	NAT	2	no public	4/1-12/31	no public
02S74A	GR	1.73	NAT	2	no public	4/1-12/31	no public
02S79	GR	2.68	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02S82	GR	0.34	NAT	2	4/1-11/30	4/1-12/31	no public
02S83	GR	1.82	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S83B	GR	0.38	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S84	GR	0.50	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S86	GR	0.08	NAT	1	year-round	year-round	year-round
02S88	GR	2.38	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S89	GR	4.95	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S90	GR	0.05	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S91	GR	2.09	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S91A	GR	0.73	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02S92	GR	1.30	IMP	2	4/1-11/30	4/1-12/31	4/15-11/15
02S93	GR	2.52	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S93C	GR	0.36	NAT	2	4/1-11/30	4/1-12/31	no public
02S96	GR	0.30	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
02S97	GR	0.40	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
02S97	GR	0.62	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
03N01	GR	10.44	AC	2	year-round	4/1-12/31	4/15-11/15
03N01	GR	7.92	AC	3	year-round	4/1-12/31	5/15-11/15
03N01	GR	2.24	AGG	3	year-round	4/1-12/31	5/15-11/15

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
07N55A	CAL	0.59	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N55Y	CAL	0.40	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N56Y	CAL	1.73	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N56YA	CAL	0.71	NAT	3	5/15-11/30	4/1-12/31	no public
07N57	CAL	2.84	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N57	CAL	0.29	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
07N57Y	CAL	1.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N58	CAL	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N59	CAL	1.65	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N59A	CAL	0.20	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N59Y	CAL	0.39	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N61Y	CAL	0.24	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
07N62	CAL	0.29	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N62Y	CAL	0.69	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N64Y	CAL	1.76	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N65	CAL	1.60	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N65B	CAL	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N65C	CAL	0.18	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N66	CAL	0.66	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N66B	CAL	0.20	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N67	CAL	0.63	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N68	CAL	1.32	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N68A	CAL	0.67	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N69	CAL	2.69	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N69A	CAL	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N69B	CAL	0.24	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N70	CAL	0.77	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N71Y	CAL	0.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N71YA	CAL	0.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N72	CAL	2.74	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N72A	CAL	0.30	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N72B	CAL	0.46	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N73	CAL	1.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N75	CAL	1.84	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
07N75C	CAL	0.49	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N76	SU	1.55	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
07N76Y	CAL	3.26	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N77	CAL	0.95	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N80A	CAL	0.01	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
07N82	CAL	0.95	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N82A	CAL	0.24	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N83B	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N84Y	CAL	0.97	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N84YB	CAL	0.19	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N87	CAL	1.70	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N87A	CAL	0.33	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N87B	CAL	0.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N88Y	CAL	1.88	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N91	CAL	0.14	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N92	CAL	1.18	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N92A	CAL	0.39	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N92B	CAL	0.55	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N93	CAL	2.68	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N94	CAL	0.44	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
07N94A	CAL	0.73	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
08N01A	CAL	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
08N02	CAL	1.82	NAT	3	year-round	4/1-12/31	5/15-11/30
08N04	CAL	0.23	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
08N06	CAL	0.44	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
08N12	CAL	0.56	IMP	3	year-round	4/1-12/31	5/15-11/30
08N13	CAL	0.54	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
08N14	CAL	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
03N01	MW	8.45	AC	3	year-round	4/1-12/31	5/15-11/15
03N01	MW	16.51	AGG	3	year-round	4/1-12/31	5/15-11/15
03N01B	MW	1.51	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N01C	GR	0.11	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N01D	MW	0.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N01G	GR	1.02	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N01H	MW	0.95	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N01J	MW	0.81	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N01L	MW	0.38	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N01M	MW	0.63	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N01N	GR	0.37	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N01P	GR	1.05	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N01Q	GR	0.20	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N01S	GR	0.31	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N01T	GR	0.45	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N01U	MW	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N01W	MW	0.22	NAT	3	no public	4/1-12/31	no public
03N01Y	MW	1.69	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N02	MW	1.93	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N03	MW	3.51	NAT	1	year-round	year-round	year-round
03N03B	MW	0.77	NAT	1	year-round	year-round	year-round
03N03C	MW	0.21	NAT	1	year-round	year-round	year-round
03N03Y	MW	1.37	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N04	MW	0.09	NAT	1	year-round	year-round	year-round
03N05	MW	2.86	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N06Y	MW	0.91	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N07	MW	3.96	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N07	MW	0.56	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
03N07	MW	4.89	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N07C	MW	0.73	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N07E	MW	0.69	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N08	MW	6.79	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N08Y	MW	0.48	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N09	MW	4.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N09A	MW	1.21	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N09Y	MW	0.89	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N09YA	MW	0.33	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N10	MW	6.76	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N10A	MW	1.34	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N10B	MW	0.39	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N10Y	MW	0.57	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N10YA	MW	0.19	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N11	MW	6.61	NAT	1	year-round	year-round	year-round
03N11A	MW	1.10	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N11B	MW	0.31	NAT	1	year-round	year-round	year-round
03N11B	MW	0.00	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N11C	MW	0.21	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N11D	MW	0.01	NAT	1	year-round	year-round	year-round
03N11Y	MW	0.41	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N12	MW	3.28	NAT	1	year-round	year-round	year-round
03N12A	MW	1.11	NAT	1	year-round	year-round	year-round
03N12B	MW	1.04	NAT	1	year-round	year-round	year-round
03N12Y	MW	1.69	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N12YA	MW	0.38	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N12YB	MW	0.88	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N12YC	MW	0.34	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N14	MW	1.52	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
03N14Y	MW	0.81	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N15	MW	3.56	NAT	1	year-round	year-round	year-round
03N15Y	MW	1.13	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N16	MW	6.19	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N16Y	MW	1.50	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
15EV26	CAL	0.29	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV55	CAL	1.43	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV55A	CAL	0.09	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV56	CAL	0.51	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV57	CAL	1.18	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV58	CAL	0.66	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV59	CAL	0.45	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV60	CAL	1.77	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV61	CAL	0.41	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV62	CAL	0.55	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV63	CAL	1.06	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV64	CAL	0.95	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV65	CAL	0.46	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV66	CAL	0.45	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV67	CAL	0.46	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV68	CAL	0.73	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV69	CAL	0.58	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV70	CAL	0.24	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV71	CAL	0.62	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV72	CAL	1.02	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
15EV73	CAL	0.88	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
16EV186	CAL	0.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
16EV187	CAL	0.41	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
16EV188	CAL	0.24	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
16EV190	CAL	1.55	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
16EV192	CAL	0.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
17EV151	CAL	2.55	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
17EV152	CAL	0.75	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
17EV16	CAL	2.54	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
17EV17	CAL	1.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
18EV254	SU	0.51	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
18EV256	SU	0.81	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
18EV272	GR	1.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
18EV273	GR	1.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
18EV274	GR	1.24	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
18EV306	SU	0.41	NAT	3	year-round	4/1-12/31	5/15-11/30
19EV104	GR	1.41	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
19EV105	GR	1.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
19EV106	GR	0.39	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
19EV114	SU	4.89	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
19EV115	SU	1.87	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
19EV43	CAL	1.51	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
19EV93	SU	1.78	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
19EV97	SU	0.84	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
21502A	MW	0.13	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
21502B	MW	0.31	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
21825H	GR	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
21930K1	GR	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
31622R	MW	0.16	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
41704X	SU	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41723A	SU	0.12	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
41723C	SU	0.11	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
41723D	SU	0.07	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
41723E	SU	0.12	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
41724D	SU	0.12	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
41725A	SU	0.34	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
41802C	SU	0.38	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41802D	SU	0.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41803B	SU	0.22	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41807D	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41808H	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41809A	SU	0.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
03N17	MW	4.89	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N17B	MW	0.51	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N17Y	MW	1.30	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N18	MW	2.57	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N18Y	MW	0.33	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N19	MW	0.09	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
03N20	MW	7.49	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N20A	MW	1.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N20Y	MW	2.85	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N20YB	MW	0.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N20YC	MW	0.81	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N20YD	MW	1.33	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N21	MW	7.97	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N21B	MW	0.67	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N21Y	MW	2.57	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N21YA	MW	0.44	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N22	MW	1.85	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N22A	MW	1.32	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N22Y	MW	0.60	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N23	MW	0.78	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N23Y	MW	1.61	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N24	MW	4.87	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
03N24A	MW	0.09	NAT	2	no public	4/1-12/31	no public
03N24D	MW	0.29	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N25	MW	1.43	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N26	MW	3.90	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N26A	MW	0.45	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N26C	MW	0.30	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N26Y	MW	1.37	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N26YA	MW	1.02	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N26YA	MW	0.11	NAT	3	5/15-11/30	4/1-12/31	no public
03N26YB	MW	0.23	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N26YB	MW	0.28	NAT	3	5/15-11/30	4/1-12/31	no public
03N27	MW	4.44	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N27A	MW	1.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N27B	MW	0.34	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N27C	MW	2.71	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N27Y	MW	1.20	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N27YA	MW	0.40	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N28	MW	2.25	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N28Y	MW	1.18	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N28YA	MW	0.71	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N29	MW	9.69	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N29A	MW	0.70	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N29B	MW	0.64	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N29C	MW	1.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N29D	MW	0.34	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N29F	MW	0.40	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N30	MW	4.41	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N32	MW	1.68	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
03N32Y	MW	2.18	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N32YA	MW	0.28	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N33	MW	0.59	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N33A	MW	0.07	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N33Y	MW	0.70	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N34	MW	1.63	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N34A	MW	0.27	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N34Y	MW	0.75	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N34Y	MW	3.21	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N35	MW	1.90	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N36	MW	1.00	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N37Y	MW	1.84	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
41809E	SU	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41809X04	SU	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41810K	SU	0.14	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41810M	SU	0.38	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41810P	SU	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41811D1	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41811P	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41816D	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41818J	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41818M	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41819A	SU	0.07	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
41820B	SU	0.02	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
41820C	SU	0.04	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
41825B	SU	0.02	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41825H	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41826D	SU	0.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41827F	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41827G	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41828E	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41829B	SU	0.04	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
41830C	SU	0.20	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
41836A	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41899Z21	SU	0.08	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
4191601	SU	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
4191602	SU	0.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
4191603	SU	0.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41918B	SU	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
41929A	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
4N34Y1	SU	0.19	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
4N34Y3	SU	0.70	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
4N39X2	SU	0.05	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
4N54Y041	SU	0.20	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
51701A	SU	0.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51713A	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51723C	SU	0.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51725D	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51735E	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51801B	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51801G	SU	0.20	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51806B	SU	0.20	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51806C	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51810A	SU	0.15	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51810B	SU	0.13	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51811A	SU	0.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51811B	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51812D	SU	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51812F	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51814D	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51814F	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51814J	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51815B	SU	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51815C	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51816A	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51817	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51825A1	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51825B	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51827B	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51827C	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51828A	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51829B	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51830E	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51830F	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
03N38	MW	0.04	NAT	1	year-round	year-round	year-round
03N38Y	MW	0.63	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N38YA	MW	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N39	MW	3.15	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N39Y	MW	2.35	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N40	MW	0.23	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N41	MW	1.68	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N41Y	MW	0.47	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
03N42	MW	0.65	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N42A	MW	0.18	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N42Y	MW	1.20	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N42YA	MW	0.75	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N42YB	MW	0.29	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N43	MW	0.84	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N43A	MW	0.55	NAT	3	no public	4/1-12/31	no public
03N43Y	MW	0.16	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N44	MW	1.62	NAT	1	year-round	year-round	year-round
03N44Y	MW	1.94	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N45	MW	0.19	NAT	1	year-round	year-round	year-round
03N45Y	MW	1.51	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N45YA	MW	0.54	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N46	MW	0.70	NAT	1	year-round	year-round	year-round
03N46Y	MW	0.80	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N47Y	MW	1.78	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N48	MW	0.77	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N48	MW	2.30	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N48A	MW	0.53	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N48B	MW	0.80	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N48Y	MW	0.75	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N49	MW	1.19	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N49A	MW	0.41	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N49B	MW	0.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N50	MW	2.96	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N50Y	MW	1.31	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N50YA	MW	0.76	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N51Y	MW	0.58	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N51YA	MW	0.38	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N51YB	MW	0.66	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N52	MW	0.22	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N52Y	MW	0.99	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N53	MW	0.50	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N53Y	MW	0.57	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N55Y	MW	0.58	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N56Y	MW	1.42	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N56YA	MW	0.62	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N57	MW	0.84	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N57A	MW	0.54	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N58	MW	3.75	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N58	MW	0.29	NAT	2	4/1-11/30	4/1-12/31	no public
03N59	MW	0.52	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N59A	MW	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N59Y	MW	1.18	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
03N59YA	MW	0.55	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
03N60	MW	1.33	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N60	MW	1.89	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N60A	MW	0.13	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N60B	MW	0.52	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N60C	MW	0.71	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N60D	MW	0.19	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N61	MW	0.75	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N61A	MW	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N62	MW	1.16	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
51831E	SU	0.19	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51832D	SU	0.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51832E	SU	0.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51832X	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51835B	SU	0.02	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51835D1	SU	0.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51836B	SU	0.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51836D	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51836E	SU	0.17	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51902A	SU	1.67	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51902A051	SU	0.21	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51902A052	SU	0.18	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51902AB	SU	0.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51904E	SU	0.16	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51906A	SU	0.24	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51910B	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51910B1	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51910B2	SU	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51910C	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51911A	SU	0.58	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51911B	SU	0.24	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51911C	SU	1.02	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51911F	SU	0.39	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51913A1	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51913C	SU	0.16	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51913D	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51913E	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51913F	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51920C	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51920D	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51922A	SU	0.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51927D	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51927E	SU	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51930C2	SU	0.23	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51933A	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51936052	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
51936053	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52005A	SU	0.27	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52005C	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52005F	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52005G	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52006C	SU	0.31	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52006D	SU	0.19	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52006F	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52007A	SU	0.34	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52007H	SU	0.14	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52008A	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52017A	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52017B	SU	0.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52017C	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52017G	SU	2.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52018A	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52018C	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52018D	SU	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52018E	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
52018F	SU	0.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
5N34X	SU	0.14	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61724A	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61725A	SU	0.07	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
6182504A	SU	0.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61915A	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61916A	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
03N63	MW	1.26	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N64	MW	0.72	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N64A	MW	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N67	MW	0.34	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N68	MW	1.70	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N68Y	MW	0.88	NAT	1	year-round	year-round	year-round
03N69	MW	3.83	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N69	MW	1.38	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
03N69A	MW	0.61	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N69Y	MW	0.47	NAT	1	year-round	year-round	year-round
03N70	MW	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N70A	MW	0.13	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N71	MW	0.71	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N71	MW	0.01	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N71Y	MW	1.58	NAT	2	4/1-11/30	4/1-12/31	no public
03N72	MW	1.43	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N72Y	MW	0.81	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
03N72YA	MW	0.35	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
03N73	MW	2.05	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N73B	MW	0.30	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N75Y	MW	0.32	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N76Y	MW	0.77	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N77	MW	0.56	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N78	MW	0.20	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N79	MW	1.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N80	MW	0.01	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N80Y	MW	0.13	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
03N83	MW	5.40	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N83A	MW	0.95	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N83B	MW	0.59	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N83C	MW	1.99	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N84	MW	0.47	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N86	MW	0.33	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N86	MW	3.79	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N87	MW	2.23	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N89	MW	0.72	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N90	MW	3.77	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N91	MW	0.28	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03N91	MW	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N92	MW	1.18	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N93	MW	0.91	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N94	MW	2.89	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N95	MW	1.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N95A	MW	0.56	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
03N96	MW	5.18	AGG	3	5/15-11/30	4/1-12/31	5/15-11/15
03N99	MW	2.52	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
03S01	GR	2.74	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03S02	GR	6.39	NAT	1	year-round	year-round	year-round
03S03	GR	1.21	NAT	1	year-round	year-round	year-round
03S04	GR	0.97	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
03S06	GR	0.66	NAT	1	no public	year-round	no public
03S10	GR	2.52	NAT	1	year-round	year-round	year-round
03S10A	GR	1.12	NAT	1	year-round	year-round	year-round
03S15	GR	1.85	NAT	1	year-round	year-round	year-round
03S24	GR	0.08	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15
04N01	MW	0.91	AGG	1	year-round	year-round	year-round
04N01	MW	2.32	NAT	1	year-round	year-round	year-round
04N01	MW	5.33	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
04N01	MW	3.05	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
04N01	MW	6.88	AGG	2	4/1-11/30	4/1-12/31	4/15-11/15

Route	RD	MI	SUR	SEA	Season of Use		
					ALT 1	ALT 4	ALT 5
61919A	SU	0.16	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61920A	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61920D	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61920F	SU	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61930A	SU	0.20	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61930B	SU	0.53	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61931A	SU	0.02	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61931A04	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61931B04	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61931E	SU	0.12	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61931G	SU	0.10	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61932B	SU	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61932C	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61932E	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61933E	SU	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
61933F	SU	0.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
62028A	SU	0.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
62034A	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
62035A1	SU	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
62035B	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
62127C	SU	0.14	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
62134A1	SU	0.01	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
72032C	SU	0.05	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
72032D	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
C20	CAL	0.81	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
FR10831	CAL	0.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FR11116	CAL	0.04	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
FR12088	CAL	0.11	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
FR12476	CAL	0.05	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
FR12477	CAL	0.36	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
FR12607	SU	0.19	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
FR12848	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FR12849	SU	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FR13169	MW	0.05	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
FR14528	MW	0.02	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
FR14823	SU	0.25	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FR14833	SU	0.09	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FR4767	CAL	0.14	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FR4898	GR	0.22	IMP	2	no public	4/1-12/31	no public
FR4898	GR	0.09	NAT	2	no public	4/1-12/31	no public
FR5219	CAL	0.03	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FR58051	SU	0.03	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
FR7181	CAL	0.16	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
FR7368	GR	0.40	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
FR7856	GR	0.14	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
FR8080	CAL	0.04	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FR8319	CAL	0.86	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FR8322	CAL	0.08	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FR8323	CAL	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FR8445	GR	0.04	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
FR8602	GR	0.22	NAT	2	no public	4/1-12/31	no public
FR8797	GR	0.47	AC	2	4/1-11/30	4/1-12/31	4/15-11/15
FR8925	CAL	0.04	AC	3	5/15-11/30	4/1-12/31	5/15-11/15
FR8991	GR	0.18	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15
FR9330	CAL	0.11	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FR9331	CAL	0.33	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
FS83231	CAL	0.06	NAT	3	5/15-11/30	4/1-12/31	5/15-11/30
R10	CAL	0.20	NAT	2	4/1-11/30	4/1-12/31	4/15-11/15

Legend

BST Bituminous Surface Treatment
AC Asphalt
AGG Aggregate or Gravel
CAL Calaveras
GR Groveland
IMP Improved Native Material
MI Miles
MW Mi-Wok
NAT Native Material
RD Ranger District
SEA Season of Use Elevation Zone

	Alternative 1	Alternative 4	Alternative 5
1	year-round	year-round	year-round
2	4/1-11/30	4/1-12/31	4/15-11/15
3	5/15-11/30	4/1-12/31	5/15-11/15

SU Summit
SUR Surface