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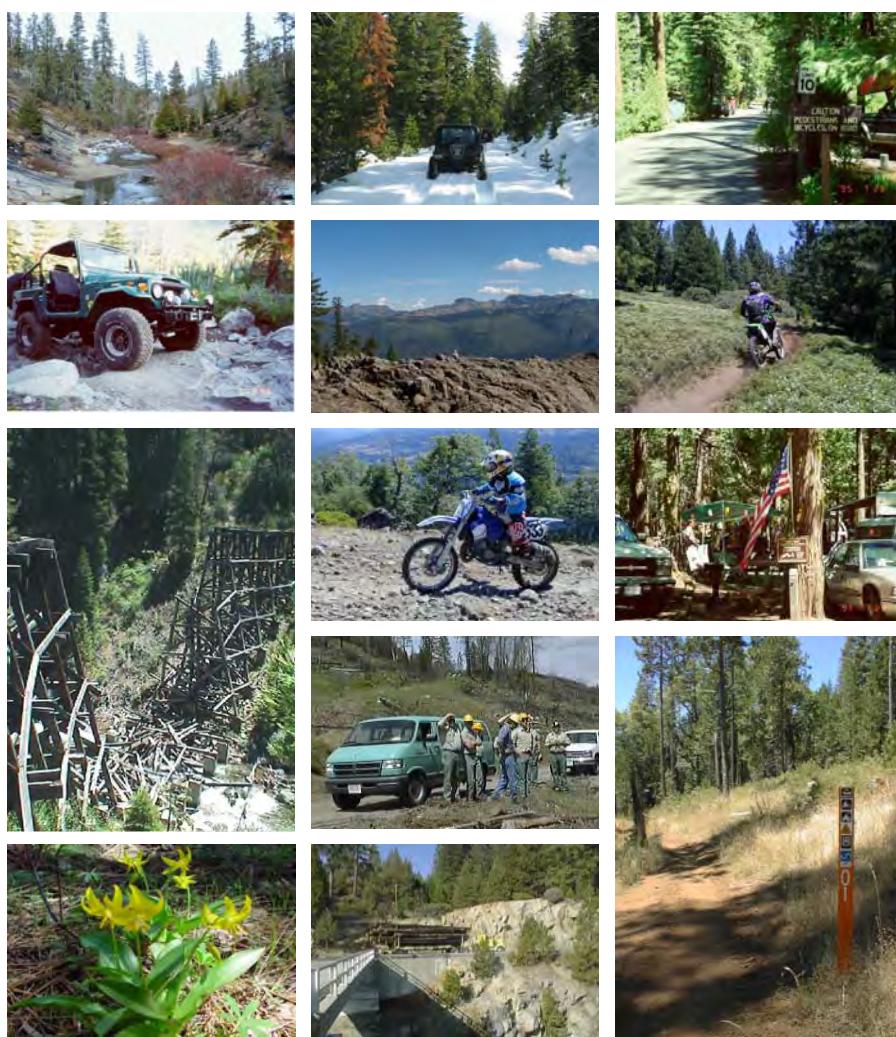
November 2009



Motorized Travel Management (17305)

Record of Decision

Stanislaus National Forest



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Stanislaus National Forest

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Abstract: An Environmental Impact Statement (EIS) that discusses alternatives for motorized travel management on the Stanislaus National Forest is available for public review in the Forest Supervisor's Office at 19777 Greenley Road, Sonora, CA, 95370. This Record of Decision (ROD) documents the Deciding Officer's decision pertaining to the proposed action identified in the EIS.

The decision (1) prohibits motor vehicle travel off designated National Forest Transportation System (NFTS) roads and motorized trails by the public except as allowed by permit or other authorization (excluding snowmobile use); (2) adds 136.77 miles of existing unauthorized routes to the NFTS currently open to the public for motor vehicle use; and, (3) makes vehicle class changes to the existing NFTS on 616.80 miles of roads including season of use on all routes that replaces all existing seasonal closures and restrictions.

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Cover Photos

Clavey River looking north from 3N01	Wheeled Over Snow use	Developed Camping
4WD on trail	Dardanelles overlook from 6N38Y	Motorcycle trail
Bourland Creek Trestle Special Interest Area	Motorcycle trail Administrative use	Developed Camping ATV trail
Tuolumne Fawn Lily	Log truck	

Table of Contents

1.	INTRODUCTION	1
1.01	Background.....	1
1.02	Location	1
1.03	Purpose and Need for Action.....	2
2.	DECISION AND REASONS FOR DECISION	3
2.01	Decision	3
2.02	Reasons for the Decision.....	8
3.	OTHER ALTERNATIVES CONSIDERED.....	13
3.01	Alternatives Considered in Detail but Not Selected.....	13
3.02	Alternatives Considered but Eliminated from Detailed Study.....	15
3.03	Environmentally Preferred Alternative.....	15
4.	PUBLIC INVOLVEMENT.....	16
5.	LEGAL AND REGULATORY COMPLIANCE	16
5.01	Forest Plan Consistency.....	16
5.02	Travel Management Regulations	19
5.03	Findings Required by Other Laws and Regulations	21
5.04	Roadless and Special Areas	22
6.	IMPLEMENTATION DATE	24
7.	ADMINISTRATIVE REVIEW OR APPEAL OPPORTUNITIES	24
8.	CONTACT PERSON	24
9.	SIGNATURE AND DATE	24
R.	ROUTE DATA	25
R.01	Additions to the NFTS.....	25
R.02	Changes to the Existing NFTS: Vehicle Class	35
R.03	Changes to the Existing NFTS: Season of Use	49
R.04	Additions to the NFTS: Modifications	65
R.05	Season of Use: Modifications.....	67

List of Tables

Table 2.01-1	Additions to the NFTS.....	3
Table 2.01-2	Vehicle Class Changes.....	4
Table 2.01-3	Wheeled Over Snow Routes.....	5
Table 2.01-4	Forestwide Forest Plan Amendment.....	6
Table 2.01-5	Western Pond Turtle Forest Plan Amendment	6
Table 2.01-6	Non-Motorized Forest Plan Amendment.....	6
Table 2.02-1	Summary of the Decision and Reasons for the Decision	12
Table R.01-1	Additions to the NFTS: Vehicle Class, Season of Use and Mitigations.....	25
Table R.02-1	Changes to the Existing NFTS: Vehicle Class, Season of Use and Mitigations.....	35
Table R.03-1	Changes to the Existing NFTS: Season of Use	49
Table R.04-1	Additions to the NFTS: Modifications	65
Table R.05-1	Season of Use: Modifications	67

List of Figures

Figure 1.02-1	Stanislaus National Forest Vicinity Map.....	2
Figure 2.01-1	Decision Map: Season of Use and Wheeled Over Snow Routes.....	7
Figure 3.01-1	Range of Alternatives Considered in Detail	13

1. INTRODUCTION

This Record of Decision (ROD) documents the Deciding Officer's decision on the Stanislaus National Forest Motorized Travel Management Environmental Impact Statement (EIS). The purpose of this travel management project is to implement provisions of the 2005 Travel Management Rule (36 CFR Part 212, Subpart B) designed to enhance management of National Forest System lands; sustain natural resource values through more effective management of motor vehicle use; and provide opportunities for motorized recreation experiences on National Forest System lands. The EIS discloses the environmental impacts associated with the agency's Proposed Action, a No Action alternative, and three additional action alternatives developed to meet the purpose and need and respond to issues raised by the public.

1.01 Background

On November 9, 2005, the Forest Service published final travel management regulations (70 Federal Register 216, November 9, 2005; p. 68264-68291). Subpart B of the final Travel Management Rule (36 CFR 212), requires designation of roads and trails for motor vehicle use. The Travel Management Rule does not require the Forest Supervisor to reconsider decisions authorizing motor vehicle use on the existing National Forest Transportation System (NFTS). Part 261 – Prohibitions, Subpart A (36 CFR 261.13) of the final rule, prohibits the use of motor vehicles off designated roads, trails and areas, as well as use of motor vehicles on roads and trails that is not consistent with the designations. All the National Forests, including the Stanislaus, must complete Subpart B and any associated changes to the NFTS by 2010.

About 2,279 miles of NFTS roads and motorized trails are currently available for public motorized use on the Stanislaus National Forest. In addition, about 246 miles of known unauthorized routes exist. These unauthorized routes vary from narrow single-track motorcycle trails to wider routes passable by trucks and other full-size vehicles. Although many of these unauthorized routes are used by the public, none of them are part of the official NFTS. To designate an unauthorized road or trail for motorized use, it must first be added to the NFTS.

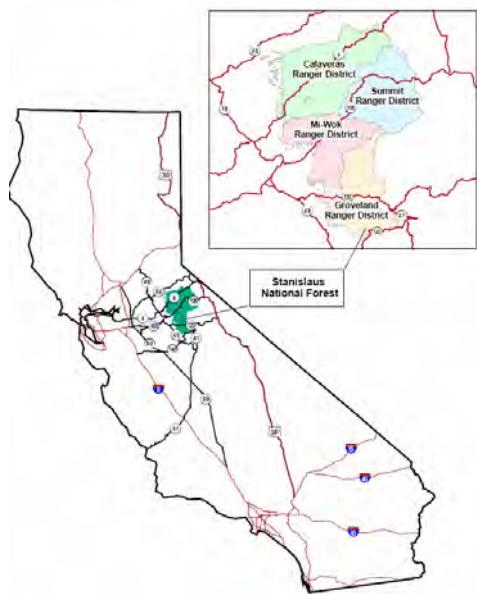
In accordance with Subpart B of the Travel Management Rule (36 CFR 212.56) the Stanislaus will publish a Motor Vehicle Use Map (MVUM) designating all NFTS roads and motorized trails open to motor vehicle use. If unauthorized routes are not designated, motor vehicle use on these routes will be prohibited. Once a road or motorized trail is part of the system, it will be designated by vehicle class and season of use with the publication of the MVUM. Publication of the MVUM completes the designation process. The prohibition on motor vehicle use off the designated system goes into effect and is enforceable when routes are designated on the MVUM.

The unauthorized roads and motorized trails not included in this decision are not precluded from future consideration for either removal from the landscape and restoration to the natural condition or addition to the NFTS and designation on a MVUM. Future decisions associated with changes to the NFTS and MVUM are dependent on available staff and resources and may trigger the need for additional environmental analysis, public involvement and documentation.

1.02 Location

The project location is the Stanislaus National Forest including all four Ranger Districts (see Figure 1.02-1). The Forest contains 898,099 acres located in the central Sierra Nevada. The Forest is bounded on the north by the Mokelumne River and the Eldorado National Forest; on the east by the Humboldt-Toiyabe National Forests and Yosemite National Park; on the south by the Merced River and the Sierra National Forest; and on the west by the Sierra foothills.

Figure 1.02-1 Stanislaus National Forest Vicinity Map



1.03 Purpose and Need for Action

This section provides a brief overview of the project purpose and need for action (EIS Chapter 1.03).

1. There is a need for regulation of unmanaged wheeled motor vehicle travel by the public.
2. There is a need for limited changes to the National Forest Transportation System to:
 - a. Maintain motor vehicle access to dispersed recreation opportunities (camping, hunting, fishing, hiking, horseback riding, etc.).
 - b. Provide a diversity of motorized recreation opportunities (4WD, motorcycles, ATVs, passenger vehicles, etc.).

In making any limited changes to the NFTS, the Stanislaus will consider criteria contained in Subpart B of the Travel Management Rule, which include the following:

- a. Impacts to natural and cultural resources.
- b. Public safety.
- c. Access to public and private lands.
- d. Availability of resources for maintenance and administration of roads and motorized trails that would arise if the uses under consideration are designated.
- e. Minimizing damage to soil, watershed, vegetation, and other forest resources.
- f. Minimizing harassment of wildlife and significant disruption of wildlife habitat.
- g. Minimizing conflicts between motor vehicles and existing or proposed recreational uses of NFS lands or neighboring federal lands.
- h. Minimizing conflicts among different classes of motor vehicle uses of NFS lands or neighboring federal lands.
- i. Compatibility of motor vehicle use with existing conditions in populated areas, taking into account sound, emissions, and other factors.

When making any changes to NFTS roads, the Stanislaus will also consider the following:

1. Speed, volume, composition and distribution of traffic on roads.
2. Compatibility of vehicle class with road geometry and road surfacing
3. Maintaining valid existing rights of use and access (rights-of-way)

2. DECISION AND REASONS FOR DECISION

While considering the various alternatives presented in the EIS, I talked with resource specialists, planners, community members, local organizations and government officials. Tribal government members actively participated in the process through consultation meetings with me and members of my staff. I personally talked with many individuals at public meetings, on the telephone or by e-mail. All of you expressed your heartfelt interests for continued access to your National Forest without negatively affecting the environment.

The Stanislaus holds a unique place in the Sierra Nevada, located within easy access to Central Valley and Bay Area residents. Its landscapes and views are unparalleled, with deep incised canyons, magnificent granite sculptures and rushing streams. All of you come to recreate or re-create yourselves in this beautiful setting. Some of you come to fish, hunt or hike. Others come to ride on trails and experience a variety of settings in the motorized portions of the forest or enjoy the challenges of the ride itself. Still others seek solitude in the stillness of the forest. All of you come to enjoy the beauty and the companionship being in the outdoors brings. All of you care about the environment in which you live and recreate.

I made a decision that considers all of these values. I believe we can provide motor vehicle recreation while minimizing resource impacts and respecting each other's needs for motorized access and quiet. I believe we can work together to make this decision work.

2.01 Decision

Based on the analysis in the EIS and the information contained in the associated planning record, I decided to implement Alternative 1 (Proposed Action) as modified and described below. Hereafter I will refer to this decision as Modified Alternative 1 (see Table 2.02-1 for a summary of the decision). My decision includes modifications I made in response to public comments, as described below and analyzed in the EIS. Figure 2.01-1 shows a map of the season of use and wheeled over snow routes included in my decision (also see separate ROD Map). I believe that Modified Alternative 1 best meets the purpose and need and responds to the issues identified during public scoping by providing access to motorized recreation opportunities while protecting resources. My decision includes the following four main components.

1. **Cross Country Travel:** Motor vehicle travel off NFTS routes by the public is prohibited except as allowed by permit or other authorization. Parking is allowed within one vehicle length¹ off of NFTS routes unless otherwise prohibited.
2. **Additions to the NFTS:** 136.77 miles of unauthorized routes are added to the NFTS as motorized trails (see Table 2.01-1). Appendix R (Route Data), Table R.01-1 shows the specified vehicle class, season of use and required mitigations.

Table 2.01-1 Additions to the NFTS

Ranger District	Vehicle Class (miles)				
	ALL	ATV	MC	4WD	Total
Calaveras	1.49	2.53	3.28	4.64	11.94
Groveland	4.39	6.06	0.60	9.04	20.12
Mi-Wok	22.44	25.86	49.46	6.95	104.71
Summit	0.00	0.00	0.00	0.00	0.00
total	28.32	34.52	53.34	20.63	136.77

4WD=4 Wheel Drive; ALL=All Vehicles; ATV=All Terrain Vehicle; MC=Motorcycle

Modifications to Alternative 1: I dropped 14.86 miles from Alternative 1 (see Table R.04-1).

¹ Vehicle Length equals the length of the vehicle along with the trailer it tows.

3. **Changes to the existing NFTS:** Vehicle class changes and season of use changes as described below. Appendix R (Route Data), Table R.02-1 shows the specified vehicle class, season of use and required mitigations.

Vehicle Class

Table 2.01-2 shows vehicle class changes will occur on 616.80 miles of NFTS roads including: opening 67.37 miles of closed roads; closing to public use 45.98 miles of open roads; converting 93.36 miles of roads from highway legal only to all vehicles; and, converting 400.56 miles of roads from all vehicles to highway legal only. This alternative also converts 62.17 miles of the 616.80 miles of NFTS roads to motorized trails (the mileage overlaps with the other changes described above and shown in Table 2.01-2).

Mixed Use: The vehicle class changes shown in Table 2.01-2 include: 81.57 miles of roads previously maintained for passenger cars that will now be available for all motorized use (motorized mixed use); and, 12.05 miles of roads maintained for passenger cars that will be available for highway-legal mixed with non-highway legal vehicles (combined use) contingent on concurrence by the California Highway Patrol (EIS Chapter 3.08).

Table 2.01-2 Vehicle Class Changes

↓ From ↓		← Vehicle Class Changes To →							
Class	miles	ADM	ALL	ML1	HLO	t-ALL	t-ATV	t-MC	t-4WD
ALL	453.42	27.37	0.00	15.94	400.56	0.30	0.00	1.98	7.26
ML1	67.37	0.00	12.57	0.00	2.17	26.06	1.94	1.58	23.05
HLO	96.02	2.66	93.36	0.00	0.00	0.00	0.00	0.00	0.00
Total	616.80	30.03	105.92	15.94	402.73	26.36	1.94	3.56	30.31

ADM=Administrative; **ALL**=All Vehicles; **ML1**=Maintenance Level 1; **HLO**=Highway Legal Only; **t-ALL**=All Vehicles trail; **t-ATV**=All Terrain Vehicle trail; **t-MC**=Motorcycle trail; **t-4WD**=4 Wheel Drive trail; **ADM** and **ML1** are closed to public motorized use

Season of Use

Season of use on **all routes** based on elevation replaces all existing seasonal closures and restrictions (EIS Table 2.02-7):

Except as allowed by permit or other authorization (i.e. wheeled over snow routes), NFTS motorized routes are open to motorized use during the season of use shown below, unless specifically prohibited. Roads open year round are not maintained for winter travel; however, they are available for over snow travel consistent with the vehicle class designation.

1. Lower Elevations Open year round
2. Other Elevations Open April 15 – December 15 (except roads in Table R.05-1)

Wheeled Over Snow (WOS) Routes: wheeled over snow use is prohibited, except by ATVs when 12 inches or more of snow is present, on the routes listed in Table 2.01-3. These routes are dual designated as Snow Trails.

Modifications to Alternative 1: I changed the season of use dates in zones 2 and 3 combining them into one set of consistent dates with 167 miles of selected roads open year round (see Table R.05-1); I dropped the wet weather closure; and, I dropped 03N01 (Long Barn Road, 45.49 miles) from the list of wheeled over snow routes.

Table 2.01-3 Wheeled Over Snow Routes

Route	District	Miles ¹
04N12	Summit	19.37
04N34Y	Summit	0.02
05N17	Summit	1.01
05N40Y	Summit	3.87
07N05	Calaveras	4.62
07N09	Calaveras	25.05
07N23	Calaveras	5.98
18EV306	Summit	0.41
	total	60.33

¹ National Forest System lands. Note: other roads open year round are available for over snow travel by 4WD and other vehicles consistent with the vehicle class designation.

4. Forest Plan Amendments: includes the amendments shown in Tables 2.01-4, 2.01-5 and 2.01-6.

Modifications to Alternative 1: I dropped 7.13 miles of specific Western Pond Turtle Forest Plan Amendment routes consistent with the Additions to the NFTS modifications described above.

MITIGATION INCLUDED IN THE DECISION

Based on their site specific review of each proposed addition to the NFTS, resource specialists identified mitigation measures to reduce some of the potential impacts caused by the various alternatives (Resource Analysis Database Summary Report in the project record). EIS Chapter 2.03 and EIS Appendix F (Maintenance and Mitigation Definitions) describe and define the mitigations.

My decision includes implementation of the mitigation measures shown in Tables R.01-1 and R.02-1 in Appendix R (Route Data). These mitigations minimize, reduce or eliminate impacts on sensitive resources. Specific mitigations must be completed before the identified route segment becomes available for public motorized use and appears as a designated route on the MVUM.

BEST AVAILABLE SCIENCE

I adopted all practicable means to avoid or minimize environmental harm in the design of this decision. I included all of the project design features and mitigation measures that I believe are necessary to avoid, minimize, or rectify impacts on resources affected by the implementation of this decision. My conclusions are based on a review of the record that is based on the best available science. The resource sections in Chapter 3 of the EIS identify the effects analysis methodologies, reference scientific sources which informed the analysis, discuss responsible opposing views and disclose limitations of the analysis.

Table 2.01-4 Forestwide Forest Plan Amendment

Practice	Existing S&G	Amendment
Forestwide S&Gs Restricted Motor Vehicle Management [10-G-2, C1i2] (USDA 2005a ² , p. 55-56)	Permit motor vehicle travel up to 100 feet from roads, routes and established travel ways for direct access to campsites, parking, woodcutting, or gathering forest products provided that: a. no resource damage occurs; and, b. such access is not otherwise prohibited.	Prohibit public motor vehicle travel off NFTS routes except as allowed by permit or other authorization. Allow parking within one vehicle length (vehicle and trailer) off of NFTS routes unless otherwise prohibited.

Table 2.01-5 Western Pond Turtle Forest Plan Amendment

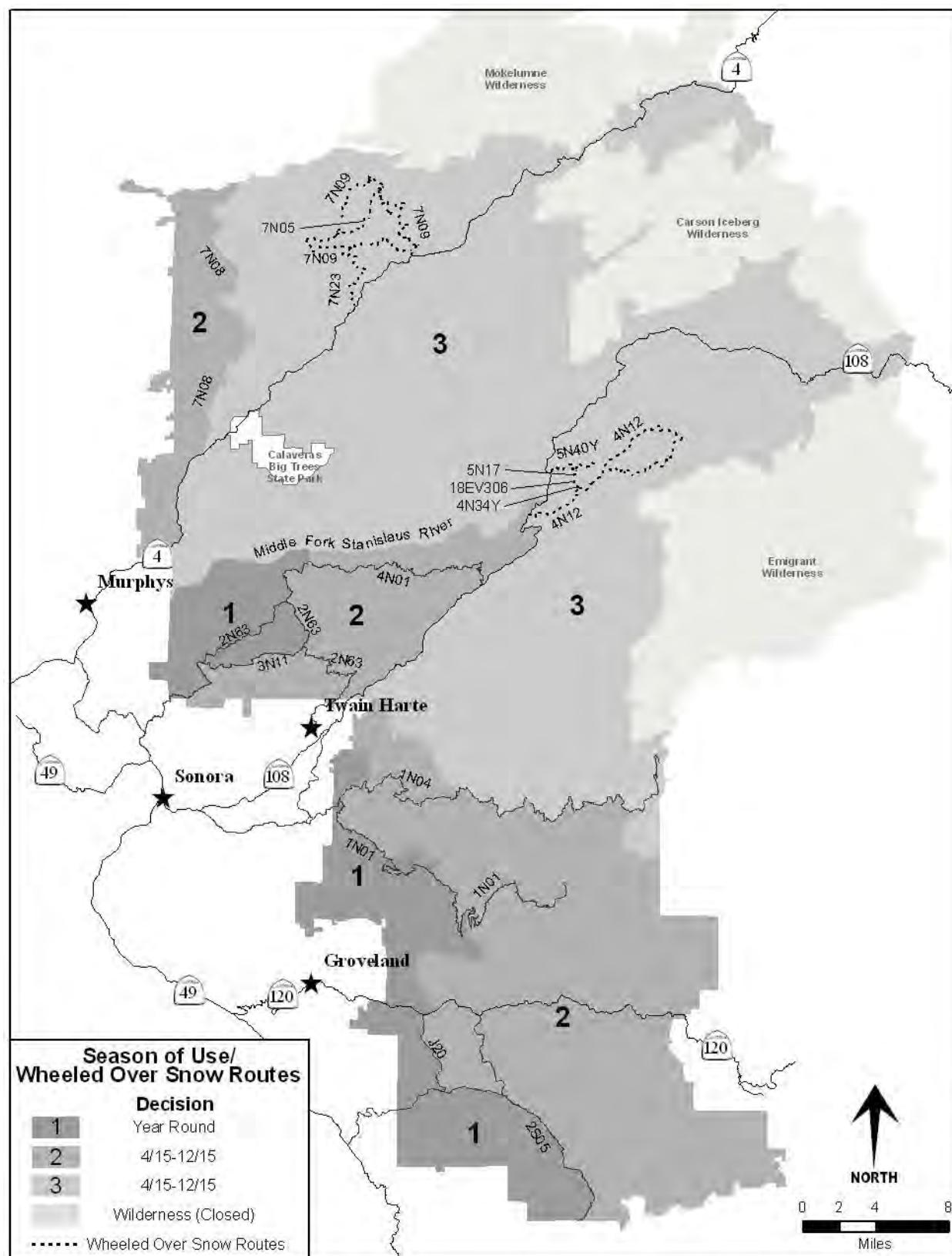
Practice	Existing S&G	Amendment	Route	Miles
Forestwide S&Gs Restricted Motor Vehicle Management [10-G-2, B3a4c1] (USDA 2005a, p. 52)	In areas adjacent to waters with known populations of western pond turtle: Construct new roads or trails or use existing off-road routes for motorized vehicles only if at least ¼ mile from occupied habitat or where approved by a Wildlife Biologist.	In areas adjacent to waters with known populations of western pond turtle: Construct new roads or trails or use existing off-road routes for motorized vehicles only if at least ¼ mile from occupied habitat or where approved by a Wildlife Biologist except for the routes identified in this table.	1S1727 FR98486 FR98515 FR98520 FR98537 FR98539 FR98548 FR98560 FR98599	0.87 0.21 0.09 0.03 0.09 0.10 0.04 0.06 0.04
			total	1.53

Table 2.01-6 Non-Motorized Forest Plan Amendment

Practice	Existing S&G	Amendment	Route	Miles
Forestwide S&Gs ROS Semi-primitive Non-motorized [10-B-2] (USDA 2005a, p. 51) Closed Motor Vehicle Travel Management [10-G-1a] (USDA 2005a, p. 51) Restricted Motor Vehicle Management [10-G-2, C1a] (USDA 2005a, p. 55)	Motorized use is normally prohibited. Closed to motorized use. Prohibit motorized use and close motorized routes in non-motorized areas.	Motorized use is normally prohibited, except for the routes identified in this table. Closed to motorized use except for the routes identified in this table. Prohibit motorized use and close motorized routes in non-motorized areas, except for the routes identified in this table.	4N80Y 5N02R	0.20 1.50
Wild and Scenic River ROS Semi-primitive Non-motorized [10-B-2] (USDA 2005a, p. 105) Closed Motor Vehicle Travel Management [10-G-1] (USDA 2005a, p. 105)	Manage to the ROS Class of Semi-primitive Non-motorized. Manage to Forestwide S&Gs for Closed Motor Vehicle Travel Management.	Manage to the ROS Class of Semi-primitive Non-motorized, except for the routes identified in this table. Manage to Forestwide S&Gs for Closed Motor Vehicle Travel Management, except for the routes identified in this table.		
			total	1.70

² Stanislaus National Forest, Forest Plan Direction. Forest Service, Pacific Southwest Region, Stanislaus National Forest. Sonora, CA. July 2005. 178 p. <http://www.fs.fed.us/r5/stanislaus/publications/forest-plan-direction-07-2005.pdf>

Figure 2.01-1 Decision Map: Season of Use and Wheeled Over Snow Routes



2.02 Reasons for the Decision

I selected Modified Alternative 1 for the reasons described below. In making this decision, I reviewed the public comments and considered the information submitted along with the effects of the alternatives as disclosed in the EIS. It is important to me to continue providing motor vehicle opportunities historically enjoyed on this National Forest. It is also important to balance overall recreation access with resource protection. I believe Modified Alternative 1 represents the best balance of recreation and resource needs by providing: a range of motorized recreation opportunities through additions to the NFTS; year round motorized access to some portions of the Forest where it is well suited and seasonal restrictions on motorized access in other areas of the Forest; increased 4WD over snow travel opportunities on roads open year round; and, resource protection for botanical, soil, visual, water, wildlife and aquatic species. Modified Alternative 1 considers the issues of motorized noise and trespass, raised by adjacent landowners, by changing the vehicle class on some roads to Highway Legal Only, not showing roads without legal public access, and by not adding motorized trails where these issues occur. These changes should reduce conflicts between motorized use on the forest and adjacent landowners.

Modified Alternative 1 enhances motorized recreation opportunities by including interconnected loops with linkages and removing duplicative routes. This decision results in a more manageable system of roads and motorized trails to help residents and visitors discover the Forest.

Modified Alternative 1 also meets resource objectives related to the conservation of rare plant and animal species and their habitats, protection of important cultural heritage sites, roadless area conservation, and the enhancement of watershed values. Modified Alternative 1 includes only unauthorized routes that meet current standards, or where resource impacts can be mitigated, as additions to the NFTS.

I considered the need for and availability of resources for maintenance and administration of the NFTS in this decision. Currently, the Forest receives \$200,000 to \$300,000 in OHV grant funds annually as well as \$170,000 in appropriated dollars for trail maintenance. While annual road maintenance costs identified in Chapter 3.08 are large, the costs of maintaining the transportation system vary annually depending on weather conditions and Forest project access needs. While the annual road maintenance budget runs about \$350,000, not every mile of every road needs annual maintenance. Modified Alternative 1 reduces overall road maintenance costs and deferred maintenance by changing some Maintenance Level (ML) 3 roads to ML 2 and converting 62 miles of roads to motorized trails. My decision reduces total road maintenance costs by \$783,724 and increases motorized trail maintenance costs by \$100,000 (EIS Chapter 3.08). Modified Alternative 1 utilizes a mixed use strategy on some higher maintenance level roads to allow all motorized use on some portions of the roads to access motorized trails or provide loop opportunities. Although both appropriated and grant funding levels can change from year to year, I believe we will be able to secure adequate funding to complete needed maintenance over the long-term. We will continue to pursue all sources of grant funding and continue to rely on our volunteer partners. Roads and motorized trails will be maintained to meet management objectives.

I believe Modified Alternative 1 results in a well-planned system of roads and trails available for public motorized use. More importantly, I believe my decision offers better opportunities for quality, long-term motor vehicle use and better economic opportunities for individuals and communities, than either the existing network of NFTS and unauthorized routes or the other action alternatives. The opportunity to access and enjoy the Stanislaus National Forest for motorized travel remains while protecting resources.

In determining which routes to include as additions to the NFTS and which mitigations to implement, I considered whether these additions and mitigations could in fact occur without causing harm to the

environment. Through site-specific reviews, resource specialists determined that these additions and mitigations will not result in harm to the environment (EIS Chapter 3). I agree with their findings.

Modified Alternative 1 balances the need to provide access to the Forest, while substantially reducing impacts from vehicle traffic to resources. It does this by implementing mitigation measures aimed at reducing impacts to sensitive resources in specific locations on the identified route segments.

In making this decision, I considered the following significant issues (EIS Chapter 1.08).

- **Significant Issue Statement 1:** Changes to NFTS routes that reduce motorized opportunities, increase restrictions on vehicle class and season of use, and prohibit cross-country travel, may affect forest visitors.
- **Significant Issue Statement 2:** Changes to NFTS routes that increase motorized opportunities, reduce restrictions on vehicle class and season of use, and allow cross-country travel, may affect forest resources, private property and forest visitors.

I also considered the issue of allowing motorized access to all inventoried dispersed campsites across the Forest. While the EIS considers some routes that provide this opportunity, unfortunately schedules and other circumstances did not allow for the required site-specific review of all access routes at this time. I realize this portion of my decision negatively affects Forest visitors who enjoy dispersed camping and direct motorized access to their favorite destinations. My decision includes 145 campsite access routes totaling about 22 miles as additions to the NFTS. Dispersed camping will continue across the Forest, although not all sites will be fully accessed through motorized travel. Many campsites are within convenient walking distance of the parking location along the main route.

DECISION COMPONENTS AND RATIONALE

1. Cross Country Travel

- Prohibition of cross country travel implements 36 CFR 212.50 by limiting motorized use to the NFTS. Cross country travel prohibitions protect resources by preventing route proliferation. Parking for dispersed recreation is allowed within one vehicle length (including the vehicle and trailer) off of designated routes.

2. Additions to the NFTS

- I approved 136.77 miles of additions to the NFTS to: provide a variety of motorized trail opportunities where it historically occurred in popular areas such as Deer Creek, Hull Creek, Crandall Peak, Liberty Hill and Black Springs; enhance loop opportunities; access camp sites and other destinations; and, reduce conflicts between different uses. Of these additions, 11.94 miles are on the Calaveras Ranger District; 20.12 miles are on the Groveland Ranger District; and, 104.71 miles are on the Mi-Wok Ranger District. These 386 motorized trail segments provide varying degrees of difficulty and experiences including opportunities for motorcycles, ATVs and 4WDs. About 22 miles access dispersed camp sites across the Forest.
- I modified the proposed additions to the NFTS by dropping 14.86 miles from Alternative 1 because of negative impacts to the various resources. Upon further evaluation, I determined that resource impacts on these routes could not be mitigated.

3. Changes to the existing NFTS

Vehicle Class

- Opening 67.37 miles of closed roads provides access to destinations and enhances loop opportunities by connecting motorized trails.
- Closing 45.98 miles of open roads addresses roads identified as not needed for recreational access and reduces conflicts between different uses. Some isolated roads are closed because no legal right of way exists to cross the private property and access the isolated segment.

- Changing 93.36 miles of roads from Highway Legal Only to All Vehicles provides access to a variety of motorized opportunities, enhances loop opportunities by connecting motorized trails, and reduces road maintenance and deferred maintenance backlog needs by changing maintenance levels.
- Changing 400.56 miles of roads from All Vehicles to Highway Legal Only reduces conflicts along county roads by discouraging illegal use of county roads by non highway legal vehicles and reduces motorized incursions into and through private property where no legal right of way exists. Some of these roads are short segments that do not access other types of motorized opportunities. Changing the vehicle class on these roads does not increase the road maintenance costs. These roads will be maintained as ML2 for high clearance vehicles.
- Converting 62.17 miles of roads to motorized trails provides access to popular destinations. After concluding that these roads are no longer needed as a road, I decided that they serve a better purpose as a motorized trail. Converting these roads to motorized trails helps reduce the overall road maintenance and deferred maintenance backlog costs on the Forest.

Season of Use

- I approved a Season of Use with exceptions to protect forest resources.
- I replaced the existing NFTS closures and restrictions (EIS Table 2.02-7) because those year round closures and restrictions are out-of-date and no longer needed.
- I modified the season of use dates to allow for a longer period of recreation access and hunting and fishing activities. Upon further evaluation of California Hunting and Fishing Regulations dates and public comments, I decided that a season of use of April 15 - December 15 allows a broader range of activities, for a longer period of time, while still protecting resources during critical times. The EIS discloses the effects of this modification within the analysis of Alternative 4 (Resources).
- I modified the season of use in elevation zones 2 and 3 by combining them into one set of dates, reducing confusion by providing consistent dates instead of three dates for three different zones. Routes are either open year round or from April 15 - December 15. This addresses a concern shared by many of you for easily understandable and enforceable restrictions. The EIS discloses the effects of this modification within the analysis of Alternative 4 (Resources).
- I modified the season of use by allowing year round use on 167 miles of selected roads (see Table R.05-1) in season of use elevation zones 2 and 3. These roads provide: access to year round recreation facilities such as trailheads; opportunities for over snow travel by 4WD vehicles; and, year round access across more of the Forest. Roads open year round are not maintained for winter travel; however, they are available for over snow travel consistent with the vehicle class designation. The EIS discloses the effects of this modification within the analysis of Alternative 3 (Cross Country Prohibited).
- I modified the season of use by deciding not to implement the wet weather closure as a component of the restrictions. Upon evaluation of the analysis and review of public comments, I determined that the wet weather closure was too confusing and difficult to effectively implement. This also addresses a concern shared by many of you for easily understandable and enforceable restrictions. Forest Service regulations are available to temporarily close a route or area if public safety or resources are at risk. The EIS discloses the effects of this modification within the analysis of Alternative 3 (Cross Country Prohibited).
- I included 60.33 miles of wheeled over snow routes (see Table 2.01-3) as an exception to the season of use to provide winter over snow travel opportunities for ATVs while those roads are not open to other wheeled vehicles. These routes are dual designated as Snow Trails.
- I modified the list of wheeled over snow routes by dropping 03N01 (45.49 miles) due to resource concerns, public safety concerns and user conflicts along this main forest system

road. The EIS discloses the effects of this modification within the analysis of Alternative 5 (Resources).

4. Forest Plan Amendments

- I approved a Forestwide Forest Plan Amendment (see Table 2.01-4) to bring the Forest Plan into compliance with the rest of this decision and the Travel Management Rule.
- I approved a modified Western Pond Turtle Forest Plan Amendment in order to allow 1.53 miles of route specific exceptions for the 9 segments described below (see Table 2.01-5):
 - One segment of 1S1727 (0.87 miles) provides an important loop opportunity by connecting to several roads open to all vehicles. This trail, one of the few motorized trails on the Groveland Ranger District, is on a ridge and provides scenic views of the Tuolumne Wild and Scenic River Canyon.
 - Eight other segments (0.66 miles) access dispersed recreation opportunities located off of main roads not otherwise readily available in the nearby areas. Traffic levels are low on these motorized trails compared to other motorized trails.
 - Analysis of these additions to the NFTS resulted in a determination of may impact individuals or habitat, but will not likely contribute towards federal listing or cause a loss of viability to the population or species for the western pond turtle (EIS Chapter 3.10 and Wildlife Biological Evaluation).
 - I dropped 7.13 miles of routes from this Forest Plan Amendment because I dropped those routes from the decision (see Table R.01-4).
- I approved a Non-Motorized Forest Plan Amendment in order to allow 1.70 miles of route specific exceptions for the two routes described below (see Table 2.01-6):
 - One NFTS road segment of 4N80Y (0.16 miles) and one NFTS road segment of 5N02R (1.48 miles) change from all vehicles to highway legal only. Both of these roads are currently available for public motorized use as part of the existing NFTS.
 - Analysis of these vehicle class changes shows they improve Wild and Scenic River values because they prohibit non-highway legal vehicles, reducing overall motor vehicle use and noise, and are located within or adjacent to existing road corridors and developed areas. Although these two roads are located within proposed Wild River corridors, continued highway legal only use will not preclude future Wild and Scenic River designation of these segments of the North Fork Stanislaus River (EIS Chapter 3.05).

IMPLEMENTATION OF SUBPART B OF THE TRAVEL MANAGEMENT RULE

I carefully designed my decision to implement the provisions of Subpart B of the Travel Management regulations (36 CFR 212) and the Executive Orders those regulations are intended to implement. The Executive Orders direct Federal agencies to ensure that the use of off-road vehicles on public lands will be controlled and directed so as to protect the resources of those lands, to promote the safety of all users of those lands, and to minimize conflicts among the various uses of those lands. The Travel Management regulations implement those orders by requiring designation of roads, trails and areas for motor vehicle use and prohibiting motor vehicle use off the designated system. My decision fully implements this direction. Publication of a Motor Vehicle Use Map (MVUM) will complete the designation process by identifying the roads and trails designated for public motorized use. The prohibition on motor vehicle use off the designation system will take effect once the MVUM is published.

IMPLEMENTATION AND MONITORING SCHEDULE

As an initial step toward implementation of this decision I will direct the ID team to prepare an Implementation and Monitoring Schedule which includes: prioritization of mitigations; a strategy for accomplishing the mitigations; production of the MVUM and any interim updates; resource monitoring; and, frequency of conducting trail condition surveys.

Table 2.02-1 Summary of the Decision and Reasons for the Decision

Component	Alternative 1¹ (Proposed Action)	Modification	Decision	Reasons for the Decision	Effects Disclosed
Cross Country Travel	prohibited	no change	prohibited	manage recreation and protect resources	Alternative 1
Parking allowed off NFTS	one vehicle length	no change	one vehicle length	provide safe access to dispersed recreation	Alternative 1
Add existing unauthorized routes to the NFTS (miles)	151.64	drop 14.86	136.77	provide diversity of motorized recreation and protect resources	Alternative 1
Convert NFTS roads to NFTS motorized trails (miles)	62.17	no change	62.17	provide diversity of motorized recreation	Alternative 1
Change NFTS roads from Closed to Open (miles)	67.37	no change	67.37	provide diversity of motorized recreation	Alternative 1
Change NFTS Roads from Open to Closed (miles)	45.98	no change	45.98	protect resources and reduce conflicts	Alternative 1
Change NFTS roads from HLO to ALL (miles)	93.36	no change	93.36	provide diversity of motorized recreation	Alternative 1
Change NFTS roads from ALL to HLO (miles)	400.56	no change	400.56	provide diversity of motorized recreation and reduce conflicts	Alternative 1
Existing Closures and Restrictions	replaced	no change	replaced	provide consistent and up-to-date restrictions	Alternative 1
Season of Use	Elevation 1	year round	no change	year round	provide year round access
	Elevation 2	4/1-11/30	4/15-12/15 ²	4/15-12/15 ²	provide year round access where appropriate and protect resources with consistent dates across the Forest
	Elevation 3	5/15-11/30	4/15-12/15 ²	4/15-12/15 ²	
Wet Weather Closures (native surface routes)	during the season of use when 1" rain occurs in 24 hours and allowing 72 hours for drying	not implemented	not included	difficult to implement and enforce	Alternative 3
Wheeled Over Snow Routes (miles)	105.92	drop 45.49	60.33	provide winter motorized recreation opportunity	Alternative 1
Forest Plan Amendments (miles)	10.36	drop 7.13 miles consistent with additions to the NFTS above	3.28	provide diversity of motorized recreation and Forest Plan consistency	Alternative 1

¹The information presented here in this column, as described in EIS Chapter 2.02, does not reflect the decision

²Certain roads are open year round with effects disclosed under Alternative 3

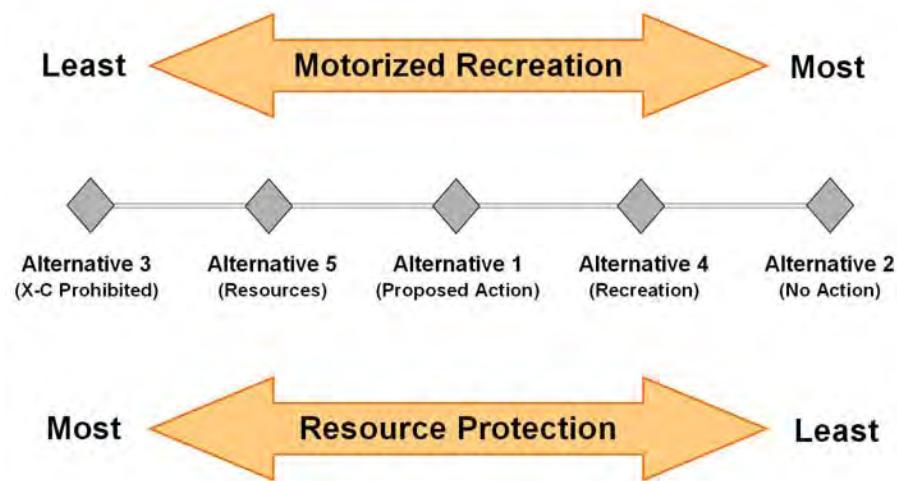
3. OTHER ALTERNATIVES CONSIDERED

The following sections present the other alternatives considered in detail but not selected; the alternatives considered but eliminated from detailed study; and, the environmentally preferred alternative.

3.01 Alternatives Considered in Detail but Not Selected

In addition to Alternative 1 (Proposed Action), the EIS considers three other action alternatives (Alternatives 3, 4 and 5) and the no action alternative (Alternative 2) in detail (EIS Map Package and project record for detailed maps of each alternative). The no action alternative represents the continuation of cross-country travel including continued use of all unauthorized routes by motor vehicles. Alternative 2, required by NEPA implementing regulations, serves as a baseline for comparison among the alternatives (73 Federal Register 143, July 24, 2008; p. 43084-43099). EIS Chapter 2.05 provides a detailed comparison of the alternatives across a wide range of issues and indicators while EIS Chapter 3 describes the environmental consequences of the alternatives. Figure 3.01-1 shows how the five alternatives considered in detail represent a wide range of motorized recreation opportunities and resource protection addressing the identified significant issues.

Figure 3.01-1 Range of Alternatives Considered in Detail



The following information briefly describes the alternatives considered in detail along with my reasons for not selecting them.

Alternative 2 (No Action)

The No Action Alternative provides a baseline for comparing the other alternatives. Under the No Action alternative, current management plans would continue to guide management of the project area. This alternative would **not** change the use of any NFTS roads and would **not** add any miles of NFTS motorized trails. Under this alternative the agency would take no affirmative action (no change from current management or direction) and cross country travel with continued use of unauthorized routes would occur. It would include only existing closures and would **not** include any restrictions on motorized dispersed recreation access. No changes would be made to the current NFTS and no cross country travel prohibition would be put into place. The Travel Management Rule would **not** be implemented and no MVUM would be produced. Motor vehicle travel by the public would not be limited to NFTS routes. Unauthorized routes would continue to have no status or authorization as NFTS facilities.

I did not select Alternative 2 (No Action) because:

- It does not implement the Travel Management Rule and does not meet the need for regulation of unmanaged wheeled motor vehicle travel as required by the Rule because cross country travel with continued route proliferation would cause continued adverse resource impacts;
- It does not prohibit cross country travel leading to continued route proliferation and more resource impacts than any other alternative;
- It does not prohibit cross country travel causing the greatest conflicts with adjacent landowners and highest impacts on non-motorized or quiet recreation activities;
- It only includes existing seasonal closures and restrictions without the additional resource protections provided by the season of use restrictions in the other Alternatives 1, 4 and 5;
- While it would meet future recreation demands, this alternative creates the most serious effects on botanical, cultural, recreation, roadless and special area, soil, visual, water and wildlife resources.

Alternative 3 (Cross Country Prohibited)

Alternative 3 responds to the administration and resource issues by prohibiting cross country travel without adding any new facilities to the NFTS. This alternative also provides a baseline for comparing the impacts of other alternatives that propose changes to the NFTS in the form of new facilities (roads and motorized trails). None of the currently unauthorized routes would be added to the NFTS under this alternative. Alternative 3 would not change the use of the NFTS and would not add any miles to the NFTS. It would include seasonal closures on routes with existing closures and restrictions (EIS Table 2.02-7) and prohibit motorized access beyond existing NFTS routes. Motor vehicle travel off NFTS routes by the public would be prohibited except as allowed by permit or other authorization. Parking is allowed within one vehicle length off of NFTS routes unless otherwise prohibited.

Alternative 3 meets the purpose and need by regulating unmanaged motor vehicle use. The diversity of motor vehicle recreation opportunities and access to dispersed recreation are all on existing NFTS roads and trails under this alternative. In comparison, Modified Alternative 1 adds 136.77 miles of trails to the NFTS without adversely affecting Forest resources. Modified Alternative 1 provides a greater diversity of motor vehicle recreation and access opportunities without adversely affecting Forest resources and better meets public demand.

Alternative 4 (Recreation)

Alternative 4 responds to the motorized recreation opportunities issue by providing additional routes and reducing restrictions. This alternative would maximize motorized recreation opportunities (including those accessing dispersed recreation activities thereby partially replacing the need for travel corridors). Motor vehicle travel off NFTS routes by the public would be prohibited except as allowed by permit or other authorization. Parking is allowed within one vehicle length off of NFTS routes unless otherwise prohibited. 175.97 miles of unauthorized routes would be added to the NFTS as motorized trails. Vehicle class changes would occur on 367.94 miles of NFTS roads. Season of use on ***native surface*** routes based on elevation and wet weather closures on ***native surface*** routes replace existing closures and restrictions (EIS Table 2.02-7). All ***surfaced routes***, except wheeled over snow routes (EIS Table 2.02-2), are open year round.

Alternative 4 meets the purpose and need by regulating unmanaged motor vehicle uses and providing for a diversity of motor vehicle recreation opportunities and access to dispersed recreation activities. I did not select Alternative 4 because it does not provide as high a level of resource protection as Modified Alternative 1 and it does not avoid conflicts with adjacent landowners or quiet recreation activities to the same degree as Modified Alternative 1.

Alternative 5 (Resources)

Alternative 5 responds to the administration, private property, recreation and resource issues by limiting additions to the NFTS and increasing restrictions that would reduce conflicts and provide additional resource protection. This alternative would limit motorized recreation opportunities (including those accessing dispersed recreation activities) by providing greater protection for forest resources. Motor vehicle travel off NFTS roads and NFTS motorized trails by the public would be prohibited except as allowed by permit or other authorization. Parking is allowed within one vehicle length off of NFTS routes unless otherwise prohibited. 28.37 miles of unauthorized routes would be added to the NFTS as motorized trails. Vehicle class changes would occur on 525.73 miles of NFTS roads. Season of use on ***all routes*** based on elevation and wet weather closures on ***native surface*** routes replace existing closures and restrictions (EIS Table 2.02-7).

Alternative 5 meets the purpose and need by regulating unmanaged motor vehicle use. The diversity of motor vehicle recreation opportunities and access to dispersed recreation are only available on existing NFTS roads and trails and 28.37 miles of additions to the NFTS under this alternative. In comparison, Modified Alternative 1 adds 136.77 miles of trails to the NFTS without adversely affecting Forest resources. Modified Alternative 1 provides a greater diversity of motor vehicle recreation and access opportunities without adversely affecting Forest resources and better meets public demand.

3.02 Alternatives Considered but Eliminated from Detailed Study

EIS Chapter 2.04 provides a detailed description of a wide range of other alternatives considered but eliminated from detailed study along with the reasons why each was eliminated. These alternatives range from prohibiting all motorized travel to maximum use, OHV parks, open play areas and providing a buffer around Yosemite National Park. This decision incorporates some elements of alternatives submitted by the public including changes to routes, season of use dates and wheeled over snow opportunities.

3.03 Environmentally Preferred Alternative

The environmentally preferable alternative is often interpreted as the alternative that causes the least damage to the biological and physical environment, or the alternative which best protects and preserves historic, cultural and natural resources. But, other factors relevant to this determination are provided in Section 101 of NEPA (42 USC 4321) which states that it is the continuing responsibility of the Federal Government to:

- Fulfill the responsibilities of each generation as a trustee of the environment for succeeding generations;
- Assure for all Americans safe, healthful, productive, and aesthetically and culturally pleasing surroundings;
- Attain the widest range of beneficial uses of the environment without degradations, risk to health or safety, or other undesirable and unintended consequences;
- Preserve important historic, cultural and natural aspects of our national heritage and maintain, wherever possible, an environment which supports diversity and variety of individual choice;
- Achieve a balance between population and resource use which will permit high standards of living and a wide sharing of life's amenities; and
- Enhance the quality of renewable resources and approach the maximum attainable recycling of depletable resources.

Based on my consideration of the factors listed above and the effects disclosed in the EIS, I determined that Alternative 3 (Cross Country Prohibited) is the Environmentally Preferred Alternative for the following reasons:

- Roadless characteristics and special area values improve over time as unauthorized routes passively restore to natural conditions.
- Vegetation growth on most unauthorized routes stabilizes them to background erosion rates.
- Highest positive effect on the overall scenery; reduced motorized touring and enjoyment of the scenery at many locations.
- Most reduction in direct, indirect and cumulative watershed effects.
- More reduction in impacts on wildlife and aquatic species with fewer closed roads opened, more routes closed and fewer stream crossings.
- Reduced risk of noxious weed spread through motorized vehicle traffic off road.

4. PUBLIC INVOLVEMENT

The Interdisciplinary Team (IDT) relied on public involvement to ensure that a full range of alternatives, representing a broad array of perspectives, would be analyzed in the EIS. Public involvement occurred during four key periods: first, in 2003 when a group of concerned publics held a community forum to discuss OHV recreation on the Stanislaus National Forest. Over 150 individuals attended to identify issues and possible management solutions for OHV recreation. As a result of the forum, a group called the Stanislaus Recreation Stakeholders (SRS) formed with the Forest Service as an ad hoc member to discuss OHV and associated recreational issues (see EIS Chapter 1.02); second, a broadened public collaboration process for Travel Management that began in 2005 (see EIS Chapter 1.02); third, during the 60-day public scoping period for the proposed action (see EIS Chapters 1.07 and 1.08); and, fourth, during the 75-day public comment period on the DEIS (see EIS Chapters 1.07, 1.08 and Appendix J, Response to Comments).

5. LEGAL AND REGULATORY COMPLIANCE

My decision complies with the laws, policies and executive orders listed below and described in EIS Chapter 3.

5.01 Forest Plan Consistency

My decision includes three amendments to the management direction contained in the Stanislaus National Forest Land and Resource Management Plan (Forest Plan) as amended.

- a. **Forestwide Forest Plan Amendment:** amends Forestwide Standard and Guideline for Restricted Motor Vehicle Management to prohibit motor vehicle travel off NFTS routes and allow parking within one vehicle length off of NFTS routes (see Table 2.01-4).
- b. **Western Pond Turtle Forest Plan Amendment:** amends Forestwide Standard and Guideline for Restricted Motor Vehicle Management to allow motor vehicle use on 9 motorized trail segments (1.53 miles) in areas adjacent to waters with known populations of western pond turtle (see Table 2.01-5).
- c. **Non-Motorized Forest Plan Amendment:** amends Forestwide and Wild and Scenic River Standard and Guidelines for ROS Semi-Primitive Non-Motorized, Closed Motor Vehicle Travel Management and Restricted Motor Vehicle Travel Management to allow continued highway legal vehicle use on existing NFTS roads 4N80Y and 5N02R (see Table 2.01-6).

EVALUATION OF SIGNIFICANCE

The National Forest Management Act (NFMA) requires evaluation of whether proposed forest plan amendments would constitute a significant change in the long-term goods, outputs and services projected for the National Forest. The following criteria are used to determine the significance of forest plan amendments (FSM 1926.51-52).

FSM 1926.51 - Changes to the Forest Plan that are Not Significant. Changes to the Forest Plan that are not significant can result from:

- 1. Actions that do not significantly alter the multiple-use goals and objectives for long-term land and resource management;**
 - a. The Forestwide amendment is consistent with the Forest Plan goal to provide a variety of off-highway vehicle (OHV) recreational opportunities in a manner consistent with protection of wildlife and other resources, and with non-motorized recreation (USDA 2005a, p. 6).
 - b. The Western Pond Turtle amendment is consistent with the Forest Plan goals to provide a variety of off-highway vehicle (OHV) recreational opportunities in a manner consistent with protection of wildlife and other resources, and with non-motorized recreation (USDA 2005a, p. 6) and to maintain and improve habitat for Threatened and Endangered species and give special attention to sensitive species to see that they do not become Federally listed as Threatened or Endangered (USDA 2005a, p. 5).
 - c. The Non-Motorized amendment is consistent with the Forest Plan goals to provide a wide range of recreation opportunities directed at various experience levels to meet current and projected demand, including campgrounds, hiking trails, picnic areas, OHV trails, etc. (USDA 2005a, p. 6) and to manage Wild and Scenic Rivers and their immediate environments to preserve their free flowing condition and to protect their outstandingly remarkable values (USDA 2005a, p. 7).
- 2. Adjustments of management area boundaries or management prescriptions resulting from further on-site analysis when adjustments do not cause significant changes in the multiple-use goals and objectives for long-term land and resource management;**
 - a. The Forestwide amendment does not change management area or management prescription boundaries. The amendment does not change the classification and management of recreation opportunities on the Forest, or in the purpose and intent of ROS as a tool to assess the distribution of recreation opportunities. Ultimately, this amendment supports resource protection by prohibiting cross country travel and restricting motor vehicles to designated routes.
 - b. The Western Pond Turtle amendment does not change management area or management prescription boundaries. The amendment does not change the classification and management of recreation opportunities on the Forest, or in the purpose and intent of ROS as a tool to assess the distribution of recreation opportunities. Ultimately, this amendment supports providing a variety of motorized recreation opportunities in a manner consistent with protection of wildlife and other resources.
 - c. The Non-Motorized amendment does not change management area or management prescription boundaries. The amendment does not change the classification and management of recreation opportunities on the Forest, or in the purpose and intent of ROS as a tool to assess the distribution of recreation opportunities. Ultimately, this amendment supports providing a variety of motorized recreation opportunities by allowing continued highway legal vehicle use on existing NFTS roads 4N80Y and 5N02R.
- 3. Minor changes in standards and guidelines; and,**
 - a. The Forestwide amendment is a minor change in one Standard and Guideline that restricts motor vehicles to designated routes and parking within one vehicle length rather than allowing travel within 100 feet of roads. This amendment brings the Forest Plan into compliance with the rest of this decision and the Travel Management Rule.

- b. The Western Pond Turtle amendment is a minor change in one Standard and Guideline that allows motor vehicle use on 9 motorized trail segments (1.53 miles) in areas adjacent to waters with known populations of western pond turtle. Evaluation of these routes resulted in the determination of no effect to the resources and/or could be mitigated.
 - c. The Non-Motorized amendment is a minor change in several Forestwide and Wild and Standard and Guidelines that allows continued highway legal vehicle use on existing NFTS roads 4N80Y and 5N02R both previously open to all vehicles. Evaluation of these routes resulted in the determination of no effect to the resources and/or could be mitigated.
4. **Opportunities for additional management practices that will contribute to achievement of the management prescription.**
- a. Forestwide direction for recreation management includes: “prohibit cross-country overland OHV travel” and, “treat different types of motorized use fairly” (USDA 2005a, p. 56). Forestwide direction for wheeled vehicles from the Sierra Nevada Framework Forest Plan Amendment S&G 69 states: “Prohibit wheeled vehicle travel off of designated routes, trails and limited off highway vehicle (OHV) use areas. Unless otherwise restricted by current forest plans or other specific area standards and guidelines, cross-country travel by over-snow vehicles would continue” (USDA 2004c³, ROD p. 59). The Forestwide Amendment contributes to achieving these objectives by prohibiting all public motor vehicle travel off NFTS routes while allowing parking within one vehicle length off of NFTS routes.
 - b. Forestwide direction for fish and wildlife habitat includes: “maintain and improve habitat for Federally listed Threatened and Endangered species and give special attention to sensitive species to see that they do not become Threatened or Endangered” (USDA 2005a, p. 40). The Western Pond Turtle amendment allows motor vehicle use on 9 motorized trail segments (1.53 miles) in areas adjacent to waters with known populations of western pond turtle. This is a significant reduction from the Western Pond Turtle Amendment from EIS Alternative 1 (Proposed Action) which included 39 motorized trail segments (8.66 miles) where the Biological Evaluation (project record) determined that alternative may impact individuals or habitat, but will not likely contribute towards federal listing or cause a loss of viability to the population or species for the western pond turtle.
 - c. Forestwide direction for semi-primitive non-motorized land allocations includes: “manage to the ROS class of semi-primitive non-motorized” where, “motorized use is normally prohibited” (USDA 2005a, p. 52). The Non-Motorized amendment provides an exception that allows continued highway legal vehicle use on existing NFTS roads 4N80Y and 5N02R both previously open to all vehicles. The surrounding areas will continue to meet the ROS objectives of semi-primitive non-motorized where interaction between visitors is low but there is evidence of other users and resource improvements will normally be limited to minimum, unobtrusive facilities.

FSM 1926.52 - Changes to the Land Management Plan That are Significant. The following examples indicate circumstances that may cause a significant change to a land management plan:

1. **Changes that would significantly alter the long-term relationship between levels of multiple-use goods and services originally projected (section 219.10(e) of the planning regulations in effect before November 9, 2000 (36 CFR parts 200 to 299, revised as of July 1, 2000)).**
 - a. The Forestwide amendment only prohibits public motor vehicle travel off NFTS routes with parking allowed within one vehicle length. It does not alter the long-term relationships between the levels of goods and services projected in the Forest Plan.

³ USDA 2004c. Sierra Nevada Forest Plan Amendment Final Supplemental Environmental Impact Statement and Record of Decision.
<http://www.fs.fed.us/r5/snfpfa/final-seis>

- b. The Western Pond Turtle amendment only allows motor vehicle use on 9 motorized trail segments. It does not alter the long-term relationships between the levels of goods and services projected in the Forest Plan.
 - c. The Non-Motorized amendment only allows continued highway legal vehicle use on two existing NFTS roads. It does not alter the long-term relationships between the levels of goods and services projected in the Forest Plan.
2. **Changes that may have an important effect on the entire land management plan or affect land and resources throughout a large portion of the planning area during the planning period.**
 - a. The Forestwide amendment only prohibits public motor vehicle travel off NFTS routes with parking allowed within one vehicle length. It does not change land allocations or management direction for other elements of the Forest Plan.
 - b. The Western Pond Turtle amendment only allows motor vehicle use on 9 motorized trail segments. It does not change land allocations or management direction for other elements of the Forest Plan.
 - c. The Non-Motorized amendment only allows continued highway legal vehicle use on two existing NFTS roads. It does not change land allocations or management direction for other elements of the Forest Plan.

CONCLUSIONS

As discussed in the Evaluation of Significance above, the Forest Plan Amendments included in my decision:

- Do not significantly alter the multiple-use goals and objectives for long-term land and resource management.
- Do not cause significant changes in the multiple-use goals and objectives for long-term land and resource management.
- Represent minor changes in standards and guidelines.
- Provide opportunities for additional management practices that contribute to achievement of the management prescription.
- Do not alter the long-term relationships between the levels of goods and services projected in the Forest Plan.
- Do not change land allocations or management direction for other elements of the Forest Plan.

Based on consideration of the factors above and the analysis contained in the EIS, I determined that these Forest Plan Amendments are not significant in the context of NFMA. I hereby amend the Forest Plan with the non-significant amendments shown in Tables 2.01-4, 2.01-5 and 2.01-6.

5.02 Travel Management Regulations

The Travel Management regulations require consideration of certain criteria when designating routes for motor vehicle use (36 CFR 212.55(a) through (e)). The Stanislaus National Forest considered these criteria throughout all stages of this process beginning with the Purpose and Need (EIS Chapter 1.03), the alternatives (EIS Chapter 2), the analysis of effects (EIS Chapter 3) and ultimately my decision to implement Modified Alternative 1. The following details underscore the importance I gave to these criteria in my decision:

- **Impacts to Natural Resources:** I adopted all practicable means to avoid or minimize environmental harm in the design of this decision. I included all of the project design features and mitigation measures that I believe are necessary to avoid, minimize or rectify impacts on

- resources (EIS Chapter 3). Mitigation measures shown in Appendix R (Route Data) minimize, reduce or eliminate impacts on sensitive resources.
- **Impacts to Cultural Resources:** My decision reduces impacts to cultural resources by mitigating all identified and potential adverse effects to the 76 cultural resource sites associated with use of routes added to the NFTS. Further, this decision fully complies with Programmatic Agreements with the State of California (EIS Chapter 3.03).
 - **Public Safety:** My decision authorizes the use of ML 2 roads and motorized trails determined to be generally safe for use by all vehicles (EIS Chapter 3.08). In addition, public safety is my top priority when considering whether to allow mixed use on passenger car roads and allow new mixed use on roads previously managed for passenger cars (EIS Chapter 3.08 and Mixed Use Report).
 - **Access to public and private lands:** When identifying routes to add to the NFTS, I focused on meeting the needs of the public by providing access to the most desired routes and areas on the Forest. In addition, my decision will not impact access to private lands, as this project does not designate roads or motorized trails through private lands where the Forest Service does not have right-of-way nor will it change existing rights-of-way for adjacent private landowners. Year round access will be provided to private parcels in the Season of Use zones.
 - **Availability of resources for maintenance and administration of roads, trails and areas that would arise if the uses under consideration are designated:** As stated previously, the additions would result in an increased annual motorized trail maintenance cost of approximately \$100,000. Total annual road maintenance costs are reduced by \$783,724.36 (EIS Chapter 3.08). In reaching my decision, I considered the need for maintenance and administration.
 - **Minimizing damage to soil, watershed, vegetation and other forest resources:** The additions to the NFTS included in my decision are expected to maintain and improve water quality and satisfy all federal and state water quality requirements (EIS Chapter 3.10). My decision minimizes impacts to both soil and water resources, including riparian and aquatic habitats, by only adding routes where adverse impacts could be either avoided or mitigated to acceptable levels (EIS Chapters 3.07, 3.10 and 3.11). My decision minimizes impacts to known sensitive plant populations and reduces the effects of noxious weed spread by dropping 35 segments (8.36 miles) of proposed additions to the NFTS within close proximity to sensitive plant occurrences. With respect to botanical resources, the analysis determined that my decision is not likely to result in a trend toward federal listing or loss of viability for any sensitive or watch list plant species (EIS Chapter 3.02).
 - **Minimizing harassment of wildlife and significant disruption of wildlife habitat:** For all threatened, endangered or sensitive species, it was determined that Alternative 1 (Proposed Action) would not result in a trend towards federal listing or a loss of population viability. A forestwide Season of Use approach minimizes disturbance of these species and the possibilities of harassment from motor vehicle use. The evaluations determined that no additions to the NFTS would contribute to habitat loss. (EIS Chapter 3.11)
 - **Minimizing conflicts between motor vehicles and existing or proposed recreational uses of NFS lands:** The Proposed Action was developed in an interdisciplinary setting, with the objective of avoiding potential conflict between motor vehicle use and non-motorized recreational use. My decision minimizes the potential for conflicts, in part by ensuring the compatibility of route additions with recreation direction contained in the Forest Plan. My decision does not include and Recreational Opportunity Spectrum (ROS) class changes (EIS Chapter 3.04).
 - **Minimizing conflicts among different classes of motor vehicle uses of NFS lands or neighboring federal lands:** I considered the vehicle class and use of routes on adjacent lands to ensure compatible designations for the adjoining route segments on National Forest System lands. As described previously, mixed use proposals maintain safety for the public and minimize conflicts between different vehicle classes on passenger car roads (EIS Chapter 3.08).

- **Compatibility of motor vehicle use with existing conditions in populated areas, taking into account sound, emissions, etc:** Although most of the additions to the NFTS are located far from populated areas, my decision reduces the total miles of routes available to non-highway legal vehicles within 1/4 mile of communities, areas with higher densities of residences, commercial buildings, and/or administrative sites from 187 miles to 67 miles (EIS Chapter 3.04).
- **Speed, volume, composition, and distribution of traffic on roads:** The number of roads and available for public motorized use in the decision is expected to result in a low traffic density, although I expect some congestion near staging areas and on more popular routes. Signs to warn drivers of the class of vehicles authorized and expected on particular roads will be posted as part of the implementation of this decision. ML 3 NFTS roads designated for mixed use will be signed appropriately to warn drivers of mixed use (EIS Chapter 3.08).
- **Compatibility of vehicle class with road geometry and road surfacing:** The analysis of each ML 3 road proposed for motorized mixed use considered the compatibility of each vehicle class with the road geometry and surfacing based on an assessment of the type and size of vehicle in conjunction with the driver's level of skill. In some cases, ML 3 roads were reduced to ML 2, maintained for high clearance vehicles only, reflecting a need to manage the road differently based on the recreational need and location (EIS Chapter 3.08).

5.03 Findings Required by Other Laws and Regulations

The National Environmental Policy Act (NEPA) of 1969 directs “to the fullest extent possible, agencies shall prepare draft environmental impact statements concurrently with and integrated with ...other environmental review laws and executive orders.” The EIS was prepared in accordance with the following:

National Historic Preservation Act (NHPA) of 1966: Section 106 requires federal agencies to consider the potential effects of a Preferred Alternative on historic, architectural, or archaeological resources that are eligible for inclusion on the National Register of Historic Places and to afford the President’s Advisory Council on Historic Preservation an opportunity to comment. Section 110 requires federal agencies to identify, evaluate, inventory, and protect National Register of Historic Places resources on properties they control. Potential impacts to archaeological and historic resources were evaluated in compliance with Section 106 (EIS Chapter 3.03).

Executive Order 12898 Environmental Justice: EO 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (issued February 11, 1994), requires that each federal agency shall make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportionately high or adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations. None of the alternatives disproportionately affect minority and low-income populations (EIS Chapter 3.06).

Clean Water Act: regulates the dredging and filling of freshwater and coastal wetlands. Section 404 (33 USC 1344) prohibits the discharge of dredged or fill material into waters (including wetlands) of the United States without first obtaining a permit from the U.S. Army Corps of Engineers. Wetlands are regulated in accordance with federal Non-Tidal Wetlands Regulations (Sections 401 and 404). No dredging or filling is part of this proposed action and no permits are required. The Clean Water Act also delegates authority for management of water quality to the states, and waives sovereign immunity for state and local laws pertaining to water-quality protection. Compliance with the federal CWA is primarily through the California Porter-Cologne Act as administered by Central Valley Regional Water Quality Control Board Basin Plan and implementation of Best Management Practices (EIS Chapter 3.10).

Clean Air Act of 1970: provides for the protection and enhancement of the nation's air resources. No exceeding of the federal and state ambient air quality standards is expected to result from any of the alternatives (EIS Chapter 3.01).

Endangered Species Act (ESA) of 1973: requires that any action authorized by a federal agency not be likely to jeopardize the continued existence of a threatened or endangered species, or result in the destruction or adverse modification of habitat of such species that is determined to be critical. Section 7 of the ESA (16 USC 1531 et seq.), as amended, requires the responsible federal agency to consult the USFWS and the National Marine Fisheries Service concerning endangered and threatened species under their jurisdiction (EIS Chapter 3.11 and Biological Assessment/Biological Evaluation (BA/BE) for Fish and Wildlife).

National Forest Management Act (NFMA) of 1976: amends the Forest and Rangeland Renewable Resources Planning Act of 1974 and sets forth the requirements for Land and Resource Management Plans (Forest Plans) for the National Forest System. Alternative 1 is consistent with the NFMA and the Forest Plan.

5.04 Roadless and Special Areas

I determined that my decision complies with laws, regulations and policies that pertain to the following roadless and special areas (EIS Chapter 3.05). In addition, I believe the portion of my decision that prohibits cross country travel protects and enhances the values that make these roadless and special areas unique.

Roadless Areas

The Stanislaus National Forest manages seventeen inventoried roadless areas. Six do not contain NFTS or unauthorized motorized routes while the remaining eleven contain 44.88 miles of motorized routes (41.97 NFTS and 2.91 unauthorized) of which 26.63 miles are available for public motor vehicle use.

- My decision adds 1.88 miles of motorized trails to the NFTS that provide unique and much desired semi-primitive motorized recreation opportunities, with minor local effects on non-motorized recreation opportunities.
- My decision changes vehicle class on 9.27 miles of existing NFTS roads including: converting 1.60 miles of closed roads to motorized trails that provide unique and much desired semi-primitive motorized recreation opportunities with only minor local effects on non-motorized recreation; improving roadless values by eliminating existing motor vehicle use on 3.53 miles of NFTS roads; and, converting 4.12 miles of NFTS roads from all vehicles to highway legal only.

Research Natural Areas

The Stanislaus National Forest manages four Research Natural Areas. No NFTS or unauthorized motorized routes exist within these Research Natural Areas.

Special Interest Areas

The Stanislaus National Forest manages eleven Special Interest Areas. Five do not contain NFTS or unauthorized motorized routes while the remaining six contain 11.71 miles of motorized routes (10.94 NFTS and 0.77 unauthorized) of which 10.29 miles are available for public motorized use.

- My decision adds one segment (0.21 miles) to the NFTS that provides recreation access, with no effects on values because it is a short route within and adjacent to existing developed road corridors.

- My decision changes vehicle class on 0.86 miles of NFTS roads including: closing 0.54 miles of open roads, improving values by eliminating existing motor vehicle use; and, changing 0.32 miles from all vehicles to highway legal only, improving values by reducing overall motor vehicle use.

Wild and Scenic Rivers

The Stanislaus National Forest manages portions of two designated Wild and Scenic Rivers (Tuolumne and Merced) with 8.24 miles of existing NFTS roads and no unauthorized routes.

- My decision does not add any unauthorized routes to the NFTS in designated Wild and Scenic Rivers.
- My decision changes vehicle class on three NFTS road segments (6.06 miles) from all vehicles to highway legal only, improving Wild and Scenic River values because they prohibit non-highway legal vehicles, reducing overall motor vehicle use and noise.

Proposed Wild and Scenic Rivers

The Stanislaus National Forest manages all or portions of eight Proposed Wild and Scenic Rivers. One does not contain NFTS or unauthorized motorized routes while the remaining seven contain 76.05 miles of motorized routes (69.51 NFTS and 6.54 unauthorized) of which 62.16 miles are available for public motorized use.

- My decision adds 18 segments (4.02 miles) to the NFTS that access popular dispersed recreation opportunities in the Scenic portions of the Clavey and Recreational portion of the North Fork Mokelumne, with no effects on values because they are short motorized trails within and adjacent to existing developed road corridors.
- My decision changes vehicle class on 17.31 miles of NFTS roads including: converting 0.25 miles of closed road to an ATV trail that provides a desirable loop opportunity, with no effects on values because it is a short motorized trail within and adjacent to an existing developed road corridor; closing 0.80 miles of open roads, improving values by eliminating existing motorized use; changing 1.79 miles from highway legal only to all vehicles with no effects on values because they are main Forest roads in existing developed road corridors; and, changing 14.54 miles from all vehicles to highway legal only, improving values by reducing overall motor vehicle use.
- The portion of my decision to change vehicle class on one NFTS road segment of 4N80Y (0.16 miles) and one NFTS road segment of 5N02R (1.48 miles) from all vehicles to highway legal only includes a Forest Plan Amendment (see Table 2.01-6). Both of these roads are currently available for public motor vehicle use. The analysis in EIS Chapter 3.05 shows that these vehicle class changes improve values by reducing overall motor vehicle use and the segments are located within or adjacent to existing road corridors and developed areas. I agree with those findings. I determined that although these two roads are located within proposed Wild River corridors, continued highway legal only use will not preclude future Wild and Scenic River designation of these segments of the North Fork Stanislaus River.

Wilderness

The Stanislaus National Forest manages all or portions of three designated Wildernesses. No NFTS or unauthorized motorized routes exist within these designated Wildernesses.

Proposed Wilderness

The Stanislaus National Forest manages two Proposed Wildernesses. The Bald Peak Proposed Wilderness contains one NFTS road segment (0.02 miles) that is not available for public motorized use. No other NFTS or unauthorized motorized routes exist within these Proposed Wildernesses.

6. IMPLEMENTATION DATE

If no appeals are filed within the 45-day time period, implementation of the decision may occur on, but not before, the 5th business day following the close of the appeal filing period [36 CFR 215.9(a)]. When appeals are filed, implementation may occur on, but not before, the 15th business day following the date of the last appeal disposition. In the event of multiple appeals, the implementation date is controlled by the date of the last appeal disposition [36 CFR 215.9(b)].

7. ADMINISTRATIVE REVIEW OR APPEAL OPPORTUNITIES

This decision is subject to appeal pursuant to 36 CFR 215. In accordance with the April 24, 2006 order issued by the U. S. District Court for the Missoula Division of the District of Montana in Case No. CV 03-119-M-DWM, only those individuals and organizations who provided comments during the comment period are eligible to appeal [36 CFR 215.11(a), 1993 version].

Appeals must be filed within 45 days from the publication date of the legal notice in the Union Democrat. Notices of appeal must meet the specific content requirements of 36 CFR 215.14. An appeal, including attachments, must be filed (regular mail, fax, e-mail, hand-delivery, express delivery, or messenger service) with the appropriate Appeal Deciding Officer [36 CFR 215.8] within 45 days following the publication date of the legal notice. The publication date of the legal notice is the exclusive means for calculating the time period to file an appeal [36 CFR 215.15 (a)]. Those wishing to appeal should not rely upon dates or timeframe information provided by any other source. Appeals must be submitted to Regional Forester, USDA Forest Service, 1323 Club Drive, Vallejo, CA 94592, (707) 562-8737. Appeals may be submitted by FAX [(707) 562-9091] or by hand-delivery to the Regional Office, at the address shown above, during normal business hours (Monday-Friday 8:00am to 4:00pm). Electronic appeals, in acceptable [plain text (.txt), rich text (.rtf) or Word (.doc)] formats, may be submitted to appeals-pacificsouthwest-regional-office@fs.fed.us with Subject: **Stanislaus Motorized Travel Management**.

For electronically mailed appeals, the sender should normally receive an automated electronic acknowledgment from the agency as confirmation of receipt. If the sender does not receive an automated acknowledgment of the receipt of the appeal, it is the sender's responsibility to ensure timely receipt by other means [36 CFR 215.6(a)(4)(iii)].

8. CONTACT PERSON

For additional information contact: Sue Warren, Team Leader; Stanislaus National Forest; 19777 Greenley Road; Sonora, CA 95370; phone (209) 532-3671 ext. 321; or, e-mail swarren@fs.fed.us.

9. SIGNATURE AND DATE



SUSAN SKALSKI
Forest Supervisor
Stanislaus National Forest

November 12, 2009

Date

R. ROUTE DATA

The decision includes 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 included in the decision. The route data identifies:

- the type of vehicles allowed;
- season when the route would be open; and,
- mitigation measures that would be implemented on the route prior to publication on a MVUM and allowing public use (see EIS Appendix F, Maintenance and Mitigation Definitions).

R.01 Additions to the NFTS

Table R.01-1 lists the vehicle class, season of use and mitigations for the additions to the NFTS included in the decision.

Table R.01-1 Additions to the NFTS: Vehicle Class, Season of Use and Mitigations

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
22	MW	0.08	INV	UNT	ATV	NAT	ATV	4743	Twain Harte	2	
11715A	MW	0.52	MAP	UNR	ALL	NAT	ALL	4571	Duckwall Mt	2	
15EV38	MW	0.60	INV	UNT	ALL	NAT	ALL	4754	Columbia SE	2	rock barriers 50' at base of incline; waterbars 3200'
15EV43G	MW	0.51	INV	UNT	ALL	NAT	4WD	4753	Columbia	1	hardened drain dips > 15% grade 1800' and drain dips remainder
15EV46	MW	0.28	INV	UNT	ATV	NAT	ATV	4754	Columbia SE	2	hardened drain dips and tread harden >25% grade 500' and drain dips remainder
15EV47	MW	0.63	INV	UNT	ATV	NAT	ATV	4754	Columbia SE	2	annual maintenance
15EV47A	MW	0.12	INV	UNT	ATV	NAT	ATV	4754	Columbia SE	2	hardened drain dips and tread harden >25% grade 200' and drain dips remainder
15EV48	MW	0.64	INV	UNT	MC	NAT	MC	4754	Columbia SE	2	hardened drain dips and tread harden >25% grade 1000' and drain dips remainder
15EV54	MW	0.18	INV	UNT	ALL	NAT	ALL	4754	Columbia SE	2	hardened drain dips > 15% grade 200' and drain dips remainder
16E182	MW	0.27	GIS	UNT	ALL	NAT	ALL	4571	Duckwall Mt	3	drain dips 925' MP 0.0-0.175; drain dips 700' from 16E182A to end
16E182A	MW	0.19	INV	UNT	ALL	NAT	ALL	4571	Duckwall Mt	3	drain dips 400' MP 0.025-0.1; rock barriers 40' to block access beyond the corral
16E183	MW	1.26	GIS	UNT	ALL	NAT	ALL	4743	Twain Harte	3	
16EV01	MW	0.05	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2	drain dips 245'
16EV101	MW	1.90	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	tread harden 300' MP 0.4 to 0.45; hardened drain dips and tread harden >20% grade 300' and drain dips remainder
16EV106	MW	1.50	INV	UNT	MC	NAT	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	4743	Twain Harte	2	rock barriers 50' at base of hill climb; tread harden 260' MP 0.525-0.575; hardened drain dips and tread harden >20% grade 700' and drain dips remainder
16EV109	MW	0.61	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	hardened drain dips and tread harden >20% grade 900' and drain dips remainder
16EV109	MW	1.14	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	hardened drain dips and tread harden >20% grade 400' and drain dips remainder
16EV110	MW	1.15	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	
16EV111	MW	0.44	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	tread harden 150' MP 0.05-0.1; hardened drain dips and tread harden >20% grade 150' and drain dips remainder
16EV112	MW	0.17	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	drain dips 900'

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations	
				SYS	USE	SUR		#	Name			
16EV115	MW	2.40	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	tread harden 260' MP 0.75-0.8	
16EV117	MW	0.21	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2		
16EV123	MW	0.33	INV	UNT	ATV	NAT	ATV	4742	Crandall Peak	2		
16EV124	MW	0.15	INV	UNT	ATV	NAT	ATV	4742	Crandall Peak	2		
16EV133	MW	0.43	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	drain dips 2200'	
16EV136	MW	1.19	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	hardened drain dips and tread harden >20% grade 600' and drain dips remainder	
16EV137	MW	0.45	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	tread harden 2 sections 240' MP 0.19-0.23 and 0.25-0.26; hardened drain dips and tread harden >20% grade 400' and drain dips remainder	
16EV141	MW	0.87	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	tread harden ephemeral drainage 20' MP 0.55; hardened drain dips and tread harden >20% grade 200' and drain dips on remainder; tread harden crossing 15' each side of channel	
16EV152	MW	0.33	INV	UNT	ATV	NAT	ATV	4742	Crandall Peak	2		
16EV152	MW	0.56	INV	UNT	ATV	NAT	ATV	4742	Crandall Peak	2		
16EV154	MW	1.13	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2		
16EV155	MW	0.06	INV	UNT	ALL	NAT	ALL	4742	Crandall Peak	2		
16EV160	MW	1.31	INV	UNT	MC	NAT	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	4742	Crandall Peak	2	drain dips 2600'	
16EV176	MW	0.50	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2		
16EV177	MW	0.27	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	drain dips 1400'	
16EV178	MW	0.66	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	hardened drain dips and tread harden >20% grade 400' and drain dips remainder	
16EV210	MW	0.09	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2		
16EV211	MW	0.08	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2		
16EV213	MW	0.06	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2		
16EV223	MW	1.35	INV	UNT	ATV	NAT	ATV	4743	Twain Harte	2	hardened drain dips and tread harden >20% grade 700' and drain dips remainder	
16EV229	MW	0.37	INV	UNT	MC	NAT	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; hardened drain dips and tread harden >20% grade 700' and drain dips remainder	
16EV230	MW	0.78	INV	UNT	MC	NAT	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; hardened drain dips and tread harden >20% grade 800' and drain dips remainder	
16EV236	MW	0.96	INV	UNT	MC	NAT	MC	4743	Twain Harte	2		
16EV237	MW	0.09	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2		
16EV243	MW	0.31	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	padding 60' x 3'	
16EV244	MW	0.49	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2		
16EV247	MW	0.68	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2		
16EV248	MW	0.93	INV	UNT	MC	NAT	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	4743	Twain Harte	2	tread harden 160' MP 0.21-0.24	
16EV251	MW	0.32	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	tread harden 240' MP 0.21-0.27	
16EV253	MW	0.89	INV	UNT	MC	NAT	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	4743	Twain Harte	2	tread harden ephemeral drainage; 2 sections 120' MP 0.3 and 0.38.; hardened drain dips and tread harden >20% grade 800' and drain dips remainder; drain dips 50' MP 0.375 on left approach looking upstream	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
16EV255	MW	0.43	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	tread harden ephemeral drainage 40' MP 0.18; tread harden 135' MP 0.35-0.375.; hardened drain dips and tread harden >20% grade 400' and drain dips remainder
16EV256	MW	0.24	INV	UNT	ALL	NAT	ALL	4742	Crandall Peak	2	
16EV257	MW	1.46	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	
16EV257A	MW	0.03	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	
16EV258	MW	0.47	INV	UNT	MC	NAT	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	4743	Twain Harte	2	
16EV259A	MW	0.17	MAP	UNT	MC	NAT	MC	4743	Twain Harte	2	padding 300' x 4'
16EV262	MW	0.09	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	
16EV263	MW	0.02	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2	
16EV265	MW	0.12	INV	UNT	MC	NAT	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	4743	Twain Harte	2	padding 300' x 4'; barriers (rock, log or fence) 30'
16EV266A	MW	0.03	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	OHV cattleguard on existing fence line MP 0.02
16EV267	MW	0.27	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	hardened drain dips and tread harden >20% grade 300' and drain dips remainder
16EV268	MW	0.38	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	
16EV269	MW	0.22	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	tread harden ephemeral drainage 50'
16EV272	MW	0.53	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	
16EV292	MW	0.14	INV	UNT	ALL	NAT	4WD	4742	Crandall Peak	2	
16EV296	MW	0.36	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	
16EV302	MW	0.31	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	
16EV303	MW	0.20	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	
16EV304	MW	0.09	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	
16EV306	MW	0.16	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	
16EV318	MW	0.45	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2	hardened drain dips >15% grade 600' and drain dips remainder
16EV54	MW	2.36	INV	UNT	MC	NAT	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	4743	Twain Harte	2	
16EV81	MW	0.54	INV	UNT	MC	NAT	MC	4743	Twain Harte	2	low impact barriers 2850' each side
17EV104	MW	0.87	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	
17EV11	MW	0.40	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	drain dips 2500'
17EV11	MW	0.91	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV117	MW	0.55	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	
17EV117	MW	0.57	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	
17EV118	MW	1.37	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	tread harden ephemeral drainage 15' MP 0.52; tread harden 100' MP 0.52-0.54; hardened drain dips and tread harden >20% grade 1000' and drain dips remainder
17EV120	MW	0.11	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	
17EV130	CAL	0.81	INV	UNT	MC	NAT	MC	4911	Tamarack	3	low impact barriers 300' north side; hardened drain dips and tread harden >20% grade 700' and drain dips remainder
17EV14	MW	0.74	INV	UNT	ALL	NAT	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
17EV153	MW	0.25	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV153	MW	0.31	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
17EV157	MW	0.11	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV15B	MW	0.79	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	low impact barriers 50' each side
17EV160	MW	0.15	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV162	MW	0.19	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
17EV182	GR	0.02	INV	UNT	ALL	NAT	ALL	4391	Buckhorn Peak	1	
17EV183	GR	0.64	INV	UNT	ALL	NAT	ALL	4391	Buckhorn Peak	1	hardened drain dips >15% grade 1000' and drain dips remainder
17EV184	GR	0.60	INV	UNT	MC	NAT	MC	4391	Buckhorn Peak	1	drain dips 3000'
17EV202	MW	0.38	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	
17EV205	MW	0.25	INV	UNT	ATV	NAT	ATV	4743	Twain Harte	3	annual maintenance
17EV210	MW	1.09	INV	UNT	ATV	NAT	ATV	4742	Crandall Peak	2	hardened drain dips and tread harden >20% grade 700' and drain dips remainder
17EV210A	MW	0.32	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	
17EV231	MW	0.32	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2	
17EV235	MW	0.59	INV	UNT	MC	NAT	MC	4742	Crandall Peak	2	tread harden ephemeral drainage 30' MP 0.2
17EV236	MW	0.26	INV	UNT	ATV	NAT	ATV	4742	Crandall Peak	2	hardened drain dips and tread harden >20% grade 400' and drain dips remainder
17EV237	MW	0.16	INV	UNT	ATV	NAT	ATV	4742	Crandall Peak	2	
17EV238	MW	0.68	INV	UNT	ALL	NAT	ALL	4741	Strawberry	2	
17EV238A	MW	0.29	INV	UNT	ALL	NAT	ALL	4741	Strawberry	2	
17EV239	MW	0.24	INV	UNT	ALL	NAT	ALL	4741	Strawberry	2	
17EV240	MW	0.19	INV	UNT	ALL	NAT	ALL	4741	Strawberry	2	
17EV241	MW	0.27	INV	UNT	ATV	NAT	ATV	4741	Strawberry	2	
17EV245	MW	0.07	INV	UNT	ALL	NAT	4WD	4741	Strawberry	2	
17EV261A	MW	0.07	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	
17EV264	MW	0.14	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV275	CAL	0.01	INV	UNT	ALL	NAT	ALL	4911	Tamarack	3	
17EV275	CAL	0.02	INV	UNT	MC	NAT	MC	4911	Tamarack	3	
17EV278	CAL	1.06	INV	UNT	ATV	NAT	ATV	4911	Tamarack	3	hardened drain dips and tread harden >20% grade 400' and drain dips remainder
17EV279	CAL	1.08	INV	UNT	ATV	NAT	ATV	4911	Tamarack	3	hardened drain dips and tread harden >20% grade 500' and drain dips remainder
17EV280	CAL	0.48	INV	UNT	MC	NAT	MC	4911	Tamarack	3	hardened drain dips and tread harden >20% grade 400' and drain dips remainder
17EV281	MW	0.27	INV	UNT	ALL	NAT	ALL	4741	Strawberry	2	
17EV282	MW	0.10	INV	UNT	ALL	NAT	ALL	4741	Strawberry	2	
17EV283	MW	0.20	INV	UNT	MC	NAT	MC	4741	Strawberry	2	
17EV28A	MW	0.08	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV290	MW	0.40	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV293	MW	0.79	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV299	MW	0.59	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
17EV300	MW	0.23	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV303	MW	0.83	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV307	CAL	0.09	INV	UNT	ALL	NAT	ALL	4914	Liberty Hill	3	
17EV317	GR	0.06	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	
17EV318	GR	0.13	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	
17EV319	GR	0.21	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	
17EV320	GR	0.13	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	
17EV321	GR	0.05	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	
17EV322	GR	0.04	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	
17EV323	GR	0.03	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	
17EV324	GR	0.03	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	
17EV325	GR	0.03	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	
17EV326	GR	0.02	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	
17EV327	GR	0.17	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	hardened drain dips and tread harden >25% grade 700' and drain dips remainder
17EV328	GR	0.06	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
17EV329	GR	0.05	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	tread harden wet seep/spring 150' MP 0.025
17EV330	GR	0.10	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	
17EV331	GR	0.11	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	
17EV332	GR	0.05	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	tread harden 265' MP 0.0-0.05
17EV34	MW	0.27	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV37	MW	0.93	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
17EV45	MW	1.68	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
17EV51	MW	3.06	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
17EV53	MW	2.97	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV54	MW	0.50	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
17EV58	MW	1.19	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV60	MW	0.51	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV60	MW	0.55	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
17EV67	MW	0.28	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	tread harden ephemeral drainage 40' MP 0.17 (Wrights Creek)
17EV67A	MW	0.36	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
17EV71	MW	1.14	INV	UNT	ATV	NAT	ATV	4743	Twain Harte	3	tread harden 20' (seep/spring area) MP 0.7
17EV75	MW	0.46	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	hardened drain dips and tread harden >20% grade 400' and drain dips remainder
17EV78	MW	0.30	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
17EV79	MW	1.29	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
17EV80	MW	0.23	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	tread harden ephemeral drainage 40' MP 0.19 (Wrights Cr)
17EV85	MW	2.01	INV	UNT	MC	NAT	MC	4744	Hull Creek	3	
17EV88	MW	1.53	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
17EV91	MW	1.03	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
18EV100	MW	0.08	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	barriers (rock, log or fence) 100' prior to Trout Creek; drain dips 200' to west of 31820G
18EV105	MW	0.69	INV	UNT	MC	NAT	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
18EV110	MW	1.33	INV	UNT	MC	NAT	MC	4744	Hull Creek	3	
18EV133	MW	0.35	INV	UNT	ALL	NAT	ATV	4744	Hull Creek	3	hardened drain dips >15% grade 200' and drain dips remainder
18EV134	MW	3.19	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	hardened drain dips >15% grade 500' and drain dips remainder
18EV170	MW	1.13	INV	UNT	MC	NAT	MC	4744	Hull Creek	3	
18EV170	MW	1.69	INV	UNT	MC	NAT	MC	4744	Hull Creek	3	
18EV257	MW	0.18	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
18EV258	MW	0.57	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	low impact barriers 360' each side MP 0.0-0.05 (3N56Y to 3N56YA)
18EV260	MW	0.28	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
18EV268	GR	0.51	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	hardened drain dips and tread harden >25% grade 200' and drain dips remainder
18EV269	GR	0.16	INV	UNT	ALL	NAT	ALL	4574	Jawbone Ridge	2	
18EV270	MW	0.36	INV	UNT	ALL	NAT	ALL	4732	Pinecrest	3	
18EV271	MW	0.67	INV	UNT	ATV	NAT	ATV	4732	Pinecrest	3	
18EV276	MW	0.10	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	barriers (rock, log or fence) 20' MP 0.1
18EV277	MW	0.09	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
18EV282	MW	0.15	INV	UNT	MC	NAT	MC	4732	Pinecrest	3	drain dips 800'
18EV283	MW	0.28	INV	UNT	ALL	NAT	4WD	4732	Pinecrest	3	
18EV284	MW	0.07	INV	UNT	ALL	NAT	4WD	4732	Pinecrest	3	
18EV286	CAL	0.39	INV	UNT	ATV	NAT	ATV	4911	Tamarack	3	
18EV287	CAL	1.34	INV	UNT	ALL	NAT	ALL	4911	Tamarack	3	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
18EV288	CAL	1.96	INV	UNT	MC	NAT	MC	4911	Tamarack	3	hardened 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
18EV292	CAL	0.08	INV	UNT	ALL	NAT	4WD	4911	Tamarack	3	
18EV293	CAL	0.06	INV	UNT	ALL	NAT	4WD	4911	Tamarack	3	
18EV295	CAL	0.30	INV	UNT	ALL	NAT	4WD	4911	Tamarack	3	
18EV295A	CAL	0.06	INV	UNT	ALL	NAT	4WD	4911	Tamarack	3	
18EV297	CAL	0.08	INV	UNT	ALL	NAT	4WD	4902	Spicer Mdw Res	3	
18EV298	CAL	0.18	INV	UNT	ALL	NAT	4WD	4902	Spicer Mdw Res	3	
18EV299	CAL	0.14	INV	UNT	ALL	NAT	4WD	4902	Spicer Mdw Res	3	
18EV300	CAL	0.08	INV	UNT	ALL	NAT	4WD	4902	Spicer Mdw Res	3	
18EV301	CAL	0.09	INV	UNT	ALL	NAT	4WD	4902	Spicer Mdw Res	3	
18EV303	CAL	0.10	INV	UNT	ALL	NAT	4WD	5063	Pacific Valley	3	
18EV304	MW	0.13	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
18EV304	MW	0.19	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
18EV308	MW	0.12	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	low impact barriers 30' south side MP 0.04, block just before creek; tread harden ephemeral drainage 2 sections 155' MP 0.003 and 0.125
18EV309	MW	0.04	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	tread harden drainage (Hull Cr) 60' MP 0.028.
18EV34	MW	0.65	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
18EV34	GR	1.27	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
18EV56	MW	1.38	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	hardened drain dips and tread harden >20% grade 500' and drain dips remainder
18EV57	MW	0.86	INV	UNT	MC	NAT	MC	4744	Hull Creek	3	hardened drain dips and tread harden >20% grade 500' and drain dips remainder
18EV63	MW	0.26	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
18EV67	MW	1.68	INV	UNT	MC	NAT	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) 700' MP 1.26-1.39
18EV70	MW	0.68	INV	UNT	MC	NAT	MC	4744	Hull Creek	3	
18EV77	MW	1.54	INV	UNT	MC	NAT	MC	4733	Cherry Lake N	3	hardened drain dips and tread harden >20% grade 300' and drain dips remainder
18EV88	MW	0.03	INV	UNT	ATV	NAT	ATV	4744	Hull Creek	3	
18EV88	MW	0.70	INV	UNT	ATV	NAT	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	4744	Hull Creek	3	
18EV91	MW	0.33	INV	UNT	ALL	NAT	ALL	4744	Hull Creek	3	tread harden ephemeral drainage 50' MP 0.07; hardened drain dips >15% grade 900' and drain dips remainder
18EV95	MW	0.33	INV	UNT	ALL	NAT	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'
19EV101	MW	0.57	INV	UNT	ALL	NAT	4WD	4732	Pinecrest	3	hardened drain dips >15% grade 600' and drain dips remainder
19EV110	CAL	0.09	INV	UNT	ALL	NAT	4WD	5063	Pacific Valley	3	
19EV111	CAL	0.32	INV	UNT	ALL	NAT	4WD	5063	Pacific Valley	3	
19EV111A	CAL	0.14	INV	UNT	ALL	NAT	4WD	5063	Pacific Valley	3	
19EV112	CAL	0.04	INV	UNT	ALL	NAT	4WD	5064	Ebbetts Pass	3	
19EV113	CAL	0.04	INV	UNT	ALL	NAT	4WD	5064	Ebbetts Pass	3	
19EV29	MW	0.47	INV	UNT	ATV	NAT	4WD	4732	Pinecrest	3	
1N1829	GR	0.08	MAP	UNT	ALL	NAT	ALL	4571	Duckwall Mt	3	
1S1727	GR	0.87		UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	low impact barriers 100' north side; hardened drain dips and tread harden >25% grade 600' and drain dips remainder

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
1S1736	GR	0.46	MAP	UNT	ATV	NAT	ATV	4574	Jawbone Ridge	2	low impact barriers 1300' each side; hardened drain dips and tread harden >25% grade 400' and drain dips remainder
1S1822B	GR	0.05	MAP	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
1S1909	GR	0.25	MAP	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
1S1930	GR	1.69	MAP	UNT	ALL	NAT	ATV	4563	Ascension Mt	2	hardened drain dips >15% grade 600' and drain dips remainder
1S1933	GR	0.37	MAP	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	low impact barriers and No Vehicles signs 500' each side
20EV100	CAL	0.09	INV	UNT	ALL	NAT	4WD	5064	Ebbetts Pass	3	rock barriers 30' MP 0.08 to block access
20EV101A	CAL	0.05	INV	UNT	ALL	NAT	4WD	5064	Ebbetts Pass	3	
21703A	MW	0.08	GIS	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
21703C	MW	0.52	GIS	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
21704A	MW	0.39	GIS	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
21704B	MW	0.21	GIS	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
2N1905	GR	0.25	MAP	UNT	ALL	NAT	ALL	4733	Cherry Lake N	3	hardened drain dips >15% grade 600' and drain dips remainder
2S1906	GR	0.42	MAP	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	hardened drain dips >15% grade 500' and drain dips remainder
31614C	MW	0.05	GIS	UNT	ALL	NAT	4WD	4743	Twain Harte	2	barriers (rock, log or fence) 150' MP 0.05
31623G	MW	0.41	GIS	UNT	ALL	NAT	4WD	4743	Twain Harte	2	
31734B	MW	0.09	GIS	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
31736A	MW	0.17	GIS	UNT	ALL	NAT	4WD	4744	Hull Creek	3	
31818G	MW	0.15	GIS	UNR	ATV	NAT	ATV	4741	Strawberry	3	drain dips 800'
31821C	MW	0.20	GIS	UNR	ALL	NAT	4WD	4744	Hull Creek	3	barriers (rock, log or fence) 20' MP 0.12; hardened drain dips >15% grade 400' and drain dips remainder
41735B	MW	0.06	GIS	UNT	ALL	NAT	4WD	4741	Strawberry	3	
EV681	MW	0.09	INV	UNT	ALL	NAT	4WD	4732	Pinecrest	3	
FR10176	CAL	0.09	MAP	UNT	ALL	NAT	4WD	4912	Calaveras Dome	3	
FR13563	MW	0.05	GPS	UNT	ALL	NAT	ALL	4744	Hull Creek	3	
FR14617	CAL	0.04	GPS	UNT	ALL	NAT	ALL	4912	Calaveras Dome	3	
FR14721	GR	0.12	MAP	UNR	ALL	NAT	4WD	4563	Ascension Mt	2	
FR4688	GR	0.73	MAP	UNR	ALL	NAT	ALL	4574	Jawbone Ridge	1	
FR5540	GR	0.47	MAP	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR6468	GR	0.02	MAP	UNR	ALL	NAT	ALL	4564	Ackerson Mt	2	
FR6468	GR	0.04	MAP	UNR	ALL	NAT	ALL	4564	Ackerson Mt	2	
FR6468	GR	0.18	MAP	UNR	ALL	NAT	ALL	4564	Ackerson Mt	2	
FR6550	GR	2.27	MAP	UNR	ALL	NAT	ALL	4573	Groveland	1	hardened drain dips >15% grade 1400' and drain dips remainder
FR8165	GR	0.05	MAP	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR8437	CAL	0.13	MAP	UNT	ALL	NAT	4WD	4901	Dardanelles Cone	3	
FR8472	GR	0.18	MAP	UNT	ALL	NAT	4WD	4562	Cherry Lake S	3	
FR8762	GR	0.13	MAP	UNT	ALL	NAT	4WD	4564	Ackerson Mt	2	
FR8784	CAL	0.07	MAP	UNT	ALL	NAT	4WD	5064	Ebbetts Pass	3	
FR8843	GR	0.86	MAP	UNT	ALL	NAT	4WD	4391	Buckhorn Peak	1	
FR8986	GR	0.32	MAP	UNT	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR9084	CAL	0.17	MAP	UNT	ALL	NAT	4WD	4913	Boards Crossing	3	
FR9090	CAL	0.11	MAP	UNT	ALL	NAT	4WD	4911	Tamarack	3	
FR9140	GR	0.04	MAP	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR9359	GR	0.13	MAP	UNR	ALL	NAT	4WD	4563	Ascension Mt	2	
FR9438	CAL	0.10	MAP	UNT	ALL	NAT	4WD	5064	Ebbetts Pass	3	drain dips 75' at pull-out parking
FR9439	CAL	0.16	MAP	UNT	ALL	NAT	4WD	5064	Ebbetts Pass	3	
FR9440	CAL	0.04	MAP	UNT	ALL	NAT	4WD	5064	Ebbetts Pass	3	
FR9441	CAL	0.18	MAP	UNT	ALL	NAT	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	4911	Tamarack	3	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
FR98472	GR	0.67	MAP	UNT	ALL	NAT	4WD	4564	Ackerson Mt	2	
FR98476	GR	0.50	INV	UNT	ALL	NAT	4WD	4381	EI Portal	2	hardened drain dips >15% grade 500' and drain dips remainder
FR98477	GR	0.13	INV	UNT	ALL	NAT	4WD	4381	EI Portal	2	
FR98479	GR	0.06	INV	UNT	ALL	NAT	4WD	4381	EI Portal	2	
FR98483	GR	0.03	INV	UNT	ALL	NAT	4WD	4382	Kinsley	2	
FR98484	GR	0.04	INV	UNT	ALL	NAT	4WD	4391	Buckhorn Peak	2	
FR98485	GR	0.08	INV	UNT	ALL	NAT	4WD	4391	Buckhorn Peak	1	
FR98486	GR	0.21	INV	UNT	ALL	NAT	4WD	4391	Buckhorn Peak	2	
FR98491	GR	0.19	INV	UNT	ALL	NAT	4WD	4574	Jawbone Ridge	2	
FR98492	GR	0.09	INV	UNT	ALL	NAT	4WD	4574	Jawbone Ridge	2	
FR98494	GR	0.02	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98496	GR	0.28	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98501	GR	0.08	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98502	GR	0.02	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98503	GR	0.09	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98506	GR	0.14	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98515	GR	0.09	INV	UNT	ALL	NAT	4WD	4382	Kinsley	2	
FR98520	GR	0.03	INV	UNT	ALL	NAT	4WD	4382	Kinsley	2	
FR98522	GR	0.04	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98523	GR	0.08	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98524	GR	0.03	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98529	GR	0.13	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98530	GR	0.07	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98531	GR	0.03	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98533	GR	0.10	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98535	GR	0.03	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	drain dips 180' MP 0.0-0.03
FR98537	GR	0.09	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98538	GR	0.14	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98539	GR	0.10	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98540	GR	0.03	INV	UNT	ALL	NAT	4WD	4561	Lake Eleanor	2	
FR98544	GR	0.08	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	3	
FR98545	GR	0.05	INV	UNT	ALL	NAT	4WD	4562	Cherry Lake S	3	
FR98546	GR	0.03	INV	UNT	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR98547	GR	0.08	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98548	GR	0.04	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	2	
FR98549	GR	0.04	INV	UNT	ALL	NAT	4WD	4574	Jawbone Ridge	2	
FR98550	GR	0.17	INV	UNT	ALL	NAT	4WD	4574	Jawbone Ridge	2	
FR98551	GR	0.02	INV	UNT	ALL	NAT	4WD	4381	EI Portal	2	
FR98553	GR	0.14	INV	UNT	ALL	NAT	4WD	4391	Buckhorn Peak	2	
FR98555	GR	0.02	INV	UNT	ALL	NAT	4WD	4564	Ackerson Mt	2	
FR98560	GR	0.06	INV	UNT	ALL	NAT	4WD	4564	Ackerson Mt	2	
FR98563	GR	0.09	INV	UNT	ALL	NAT	4WD	4564	Ackerson Mt	1	
FR98577	GR	0.03	INV	UNT	ALL	NAT	4WD	4561	Lake Eleanor	2	
FR98580	GR	0.13	INV	UNT	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR98581	GR	0.11	INV	UNT	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR98582	GR	0.06	INV	UNT	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR98583	GR	0.07	INV	UNT	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR98584	GR	0.06	INV	UNT	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR98585	GR	0.06	INV	UNT	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR98586	GR	0.06	INV	UNT	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR98587	GR	0.04	INV	UNT	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR98590	MW	0.10	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2	
FR98592	GR	0.08	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	drain dips last 1000'
FR98593	GR	0.09	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	
FR98596	MW	0.10	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
FR98597	MW	0.09	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	
FR98598	MW	0.08	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	
FR98599	MW	0.04	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	
FR98601	MW	0.05	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	
FR98602	MW	0.08	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	
FR98603	MW	0.07	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	No Vehicles signs 100' each side
FR98604	MW	0.03	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	
FR98607	CAL	0.05	INV	UNT	ALL	NAT	4WD	4924	Dorrington	3	
FR98608	MW	0.07	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	
FR98609	MW	0.05	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	3	
FR98616	MW	0.03	INV	UNT	ALL	NAT	4WD	4742	Crandall Peak	2	
FR98617	MW	0.04	INV	UNT	ALL	NAT	4WD	4754	Columbia SE	2	
FR98618	MW	0.04	INV	UNT	ALL	NAT	4WD	4754	Columbia SE	2	
FR98620	MW	0.08	INV	UNT	ALL	NAT	4WD	4754	Columbia SE	2	
FR98622	CAL	0.04	INV	UNT	ALL	NAT	4WD	4913	Boards Crossing	3	
FR98623	CAL	0.05	INV	UNT	ALL	NAT	4WD	4913	Boards Crossing	3	
FR98624	CAL	0.20	INV	UNT	ALL	NAT	4WD	4913	Boards Crossing	3	
FR98625	CAL	0.06	INV	UNT	ALL	NAT	4WD	4913	Boards Crossing	3	
FR98627	CAL	0.06	INV	UNT	ALL	NAT	4WD	4913	Boards Crossing	3	
FR98630	CAL	0.04	INV	UNT	ALL	NAT	4WD	4914	Liberty Hill	3	
FR98631	CAL	0.06	INV	UNT	ALL	NAT	4WD	4914	Liberty Hill	3	
FR98633	CAL	0.10	INV	UNT	ALL	NAT	4WD	4921	Garnet Hill	3	
FR98634	CAL	0.05	INV	UNT	ALL	NAT	4WD	4921	Garnet Hill	3	
FR98636	CAL	0.11	INV	UNT	ALL	NAT	4WD	4912	Calaveras Dome	3	
FR98637	CAL	0.07	INV	UNT	ALL	NAT	4WD	4912	Calaveras Dome	3	
FR98638	CAL	0.04	INV	UNT	ALL	NAT	4WD	4912	Calaveras Dome	3	
FR98639	CAL	0.14	INV	UNT	ALL	NAT	4WD	4912	Calaveras Dome	3	
FR98643	CAL	0.08	INV	UNT	ALL	NAT	4WD	4912	Calaveras Dome	3	
FR98644	CAL	0.06	INV	UNT	ALL	NAT	4WD	4912	Calaveras Dome	3	
FR98646	CAL	0.05	INV	UNT	ALL	NAT	4WD	4911	Tamarack	3	
FR98647	CAL	0.04	INV	UNT	ALL	NAT	4WD	4911	Tamarack	3	
FR98660	CAL	0.05	INV	UNT	ALL	NAT	4WD	4911	Tamarack	3	
FR98661	CAL	0.12	INV	UNT	ALL	NAT	4WD	4911	Tamarack	3	
FR98662	CAL	0.07	INV	UNT	ALL	NAT	4WD	5064	Ebbetts Pass	3	
FR98663	CAL	0.05	INV	UNT	ALL	NAT	4WD	5064	Ebbetts Pass	3	
FR98670	GR	0.20	INV	UNT	ALL	NAT	4WD	4574	Jawbone Ridge	2	
FR98672	GR	0.07	INV	UNT	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR98674	GR	0.06	INV	UNR	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR98675	GR	0.06	INV	UNR	ALL	NAT	4WD	4562	Cherry Lake S	2	
FR98676	GR	0.06	INV	UNR	ALL	NAT	4WD	4562	Cherry Lake S	3	
FR98679	MW	0.07	INV	UNT	ALL	NAT	4WD	4754	Columbia SE	1	barriers (rock, log or fence) 200' MP 0.07
FR98680	MW	0.04	INV	UNT	ALL	NAT	4WD	4754	Columbia SE	1	barriers (rock, log or fence) 100' MP 0.04
FR98682	MW	0.05	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2	
FR98683	MW	0.06	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2	
FR98685	MW	0.03	INV	UNT	ALL	NAT	4WD	4742	Crandall Peak	2	
FR98686	MW	0.03	INV	UNT	ALL	NAT	4WD	4742	Crandall Peak	2	
FR98688	MW	0.05	INV	UNT	ALL	NAT	4WD	4741	Strawberry	2	
FR98689	MW	0.06	INV	UNT	ALL	NAT	4WD	4741	Strawberry	2	
FR98692	MW	0.07	INV	UNT	ALL	NAT	4WD	4741	Strawberry	2	barriers (rock, log or fence) 350' MP 0.0-0.07
FR98693	MW	0.01	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2	barriers (rock, log or fence) 200' MP 0.01
FR98694	MW	0.03	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	1	
FR98695	MW	0.04	INV	UNT	ALL	NAT	4WD	4741	Strawberry	2	
FR98696	MW	0.03	INV	UNT	ALL	NAT	4WD	4741	Strawberry	2	
FR98697	MW	0.12	INV	UNT	ALL	NAT	4WD	4742	Crandall Peak	2	barriers (rock, log or fence) 50' MP 0.12
FR98699	MW	0.05	INV	UNT	ALL	NAT	4WD	4733	Cherry Lake N	3	barriers (rock, log or fence) 75' MP 0.05
FR98700	MW	0.02	INV	UNT	ALL	NAT	4WD	4733	Cherry Lake N	3	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
FR98701	MW	0.02	INV	UNT	ALL	NAT	4WD	4733	Cherry Lake N	3	
FR98702	MW	0.04	INV	UNT	ALL	NAT	4WD	4742	Crandall Peak	2	
FR98703	MW	0.06	INV	UNT	ALL	NAT	4WD	4741	Strawberry	2	
FR98705	MW	0.04	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	2	
FR98707	MW	0.02	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	2	
FR98708	MW	0.02	INV	UNT	ALL	NAT	4WD	4741	Strawberry	2	
total		136.77									

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
- RD** Ranger District
- ROD** Record of Decision
- SEA** Season of Use (1) year round; (2) 4/15-12/15; (3) 4/15-12/15
- SRC** Source
- SUR** Surface
- SYS** System (National Forest System)
- UNR** Unauthorized Road
- UNT** Unauthorized Trail

R.02 Changes to the Existing NFTS: Vehicle Class

Table R.02-1 lists the vehicle class, season of use and mitigations for the existing NFTS with vehicle class changes included in the decision.

Table R.02-1 Changes to the Existing NFTS: Vehicle Class, Season of Use and Mitigations

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
01N01	MW	0.02	GIS	HLO	HLO	NAT	ALL	4572	Tuolumne	1	mixed use signing
01N01	GR	0.03	GIS	HLO	HLO	AC	ALL	4562	Cherry Lake S	2	mixed use signing
01N01	GR	0.36	GIS	HLO	HLO	AC	ALL	4562	Cherry Lake S	2	mixed use signing
01N01	GR	0.43	GIS	HLO	HLO	AC	ALL	4562	Cherry Lake S	2	mixed use signing
01N01	GR	7.77	GIS	HLO	HLO	AGG	ALL	4571	Duckwall Mt	2	mixed use signing
01N01	MW	8.47	GIS	HLO	HLO	AC	ALL	4572	Tuolumne	1	
01N01C	GR	0.19	GIS	ML1		NAT	t-ALL	4562	Cherry Lake S	2	
01N01D	GR	0.50	GIS	ML1		NAT	t-ALL	4571	Duckwall Mt	2	
01N01J	MW	0.28	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	1	
01N04	GR	1.81	GIS	ALL	ALL	NAT	HLO	4562	Cherry Lake S		
01N04	GR	3.33	GIS	ALL	ALL	AGG	HLO	4562	Cherry Lake S	3	
01N04A	GR	0.44	GIS	ML1		AGG	t-4WD	4562	Cherry Lake S	3	
01N04C	GR	0.91	GIS	ML1		NAT	t-4WD	4733	Cherry Lake N	3	
01N07A	GR	0.80	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01N07Y	GR	0.50	GIS	ALL	ALL	NAT	HLO	4562	Cherry Lake S	2	
01N07Y	GR	1.07	GIS	ALL	ALL	NAT	HLO	4562	Cherry Lake S	2	
01N09	GR	6.62	GIS	ALL	ALL	NAT	ADM	4571	Duckwall Mt	2	
01N10	GR	5.14	GIS	ALL	ALL	NAT	HLO	4571	Duckwall Mt	2	
01N10	GR	6.62	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
01N10A	GR	0.53	GIS	ALL	ALL	NAT	HLO	4571	Duckwall Mt	2	
01N10B	GR	0.16	GIS	ML1		NAT	t-4WD	4571	Duckwall Mt	2	
01N14	GR	1.04	GIS	ALL	ALL	AGG	HLO	4562	Cherry Lake S	3	
01N14	GR	2.72	GIS	ALL	ALL	AGG	HLO	4562	Cherry Lake S	3	
01N14A	GR	0.82	GIS	ALL	ALL	AGG	HLO	4562	Cherry Lake S	3	
01N14F	GR	0.44	GIS	ALL	ALL	NAT	HLO	4562	Cherry Lake S	3	
01N15	GR	1.09	GIS	ALL	ALL	NAT	ML1	4571	Duckwall Mt	2	
01N23	GR	1.98	GIS	ALL	ALL	NAT	HLO	4562	Cherry Lake S	2	
01N32Y	GR	0.91	GIS	ML1		NAT	t-4WD	4562	Cherry Lake S	2	rock barriers 30' MP 0.91 to block access
01N33	MW	0.73	GIS	ALL	ALL	AGG	HLO	4572	Tuolumne	2	
01N33Y	GR	0.29	GIS	ML1		NAT	t-4WD	4571	Duckwall Mt	2	
01N37	GR	1.43	GIS	ML1	ALL	NAT	ALL	4571	Duckwall Mt	2	mixed use signing
01N40Y	GR	1.91	GIS	ALL	ALL	AGG	HLO	4562	Cherry Lake S	3	
01N45	GR	1.73	GIS	ML1		NAT	t-4WD	4562	Cherry Lake S	2	
01N45Y	GR	0.48	GIS	ALL	ALL	AGG	HLO	4562	Cherry Lake S	3	
01N58A	MW	0.40	GIS	ALL	ALL	NAT	ML1	4571	Duckwall Mt	2	
01N60	GR	0.76	GIS	ALL	ALL	NAT	HLO	4571	Duckwall Mt	2	
01N60A	GR	0.35	GIS	ALL	ALL	NAT	HLO	4571	Duckwall Mt	2	
01N69	GR	1.14	GIS	ML1		NAT	t-ALL	4571	Duckwall Mt	2	
01N76	GR	0.67	GIS	ALL	ALL	NAT	HLO	4571	Duckwall Mt	2	
01N76	GR	0.74	GIS	ALL	ALL	NAT	HLO	4571	Duckwall Mt	2	
01N76	GR	0.97	GIS	ALL	ALL	NAT	HLO	4571	Duckwall Mt	2	
01N81	GR	0.72	GIS	ML1		NAT	t-4WD	4562	Cherry Lake S	2	
01N88	GR	0.63	GIS	ALL	ALL	NAT	HLO	4571	Duckwall Mt	2	
01N91	GR	0.58	GIS	ML1		NAT	t-4WD	4571	Duckwall Mt	2	
01N97	GR	5.01	GIS	ALL	ALL	AGG	HLO	4562	Cherry Lake S	3	
01S01Y	GR	0.07	GIS	ALL		NAT	HLO	4563	Ascension Mt	2	
01S01Y	GR	0.59	GIS	ALL		NAT	ML1	4563	Ascension Mt	2	
01S01YA	GR	0.17	GIS	ALL	ALL	NAT	ML1	4563	Ascension Mt	2	
01S01YB	GR	0.66	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
01S01YC	GR	0.13	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S03	GR	0.01	GIS	HLO	HLO	AGG	ALL	4564	Ackerson Mt	2	mixed use signing
01S03	GR	0.68	GIS	HLO	HLO	AGG	ALL	4564	Ackerson Mt	2	mixed use signing
01S03	GR	0.91	GIS	HLO	HLO	AGG	ALL	4563	Ascension Mt	2	mixed use signing
01S03	GR	2.33	GIS	HLO	HLO	AGG	ALL	4564	Ackerson Mt	2	mixed use signing
01S03A	GR	0.63	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S04	GR	0.51	GIS	ML1	ALL	AGG	ALL	4563	Ascension Mt	2	mixed use signing
01S04	GR	1.28	GIS	ML1	ALL	AGG	ALL	4563	Ascension Mt	2	mixed use signing
01S05Y	GR	1.96	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
01S06	GR	0.03	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S06	GR	0.30	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S06	GR	0.37	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S06B	GR	0.11	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S11C	GR	0.07	GIS	ML1		NAT	t-ALL	4564	Ackerson Mt	1	
01S11C	GR	0.07	GIS	ML1		NAT	t-ALL	4564	Ackerson Mt	2	
01S11C	GR	0.08	GIS	ML1		NAT	t-ALL	4564	Ackerson Mt	2	
01S11C	GR	0.22	GIS	ML1		NAT	t-ALL	4564	Ackerson Mt	2	
01S11C	GR	0.68	GIS	ML1		NAT	t-ALL	4564	Ackerson Mt	1	
01S11D	GR	0.98	GIS	ML1		NAT	t-ALL	4563	Ascension Mt	2	
01S11Y	GR	1.44	GIS	ALL	ALL	NAT	ML1	4563	Ascension Mt	2	
01S12	GR	2.25	GIS	ALL	ALL	AGG	HLO	4381	EI Portal	2	
01S13	GR	0.70	GIS	ALL	ALL	AGG	HLO	4574	Jawbone Ridge	2	
01S13Y	GR	1.22	GIS	ALL	ALL	AGG	HLO	4563	Ascension Mt	2	
01S14K	GR	0.17	GIS	ML1	ALL	NAT	t-ALL	4574	Jawbone Ridge	2	
01S14L	GR	0.58	GIS	ML1	ALL	NAT	t-ALL	4574	Jawbone Ridge	2	
01S15C	GR	0.57	GIS	ML1		NAT	t-4WD	4574	Jawbone Ridge	2	
01S15Y	GR	0.14	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
01S15Y	GR	3.14	GIS	ALL	ALL	NAT	ADM	4574	Jawbone Ridge	2	
01S15YA	GR	1.36	GIS	ALL	ALL	NAT	ML1	4563	Ascension Mt	2	
01S15YB	GR	0.18	GIS	ALL	ALL	NAT	ADM	4563	Ascension Mt	2	
01S16A	GR	0.27	GIS	ALL	ALL	NAT	ADM	4574	Jawbone Ridge	2	
01S16B	GR	0.25	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
01S16Y	GR	1.87	GIS	ALL	ALL	AGG	HLO	4563	Ascension Mt	2	
01S17	GR	0.04	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S17	GR	0.30	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S17	GR	2.68	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S17A	GR	0.56	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S17D	GR	0.20	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S19Y	GR	0.47	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
01S20	GR	0.30	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S20Y	GR	0.65	GIS	ALL	ALL	NAT	HLO	4561	Lake Eleanor	2	
01S23C	GR	0.27	GIS	ML1		NAT	t-ALL	4574	Jawbone Ridge	2	
01S23Y	GR	0.67	GIS	ALL	ALL	AC	HLO	4562	Cherry Lake S	2	
01S26	GR	2.21	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
01S26	GR	2.69	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
01S26A	GR	0.10	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	gate at MP 0.10
01S26C	GR	0.69	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
01S26E	GR	0.21	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
01S27	GR	0.80	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S27Y	GR	0.84	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
01S30	GR	0.15	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
01S30	GR	0.63	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
01S30	GR	1.25	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
01S30A	GR	0.24	GIS	ML1		NAT	t-4WD	4574	Jawbone Ridge	2	
01S30B	GR	0.55	GIS	ALL	ALL	NAT	ML1	4563	Ascension Mt	2	
01S32A	GR	0.50	GIS	ML1		NAT	t-ALL	4561	Lake Eleanor	2	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
01S33	GR	1.72	GIS	ALL	ALL	NAT	ML1	4573	Groveland	1	
01S35Y	GR	1.32	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S35YA	GR	0.39	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S36Y	GR	0.50	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S39Y	GR	0.89	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
01S39YA	GR	0.10	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
01S39YB	GR	0.38	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S40Y	GR	0.51	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S43	GR	0.25	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S45Y	GR	0.04	GIS	ML1		NAT	ALL	4574	Jawbone Ridge	2	mixed use signing
01S45Y	GR	0.35	GIS	ML1		NAT	t-ALL	4574	Jawbone Ridge	2	
01S46	GR	0.25	GIS	ML1		NAT	t-4WD	4574	Jawbone Ridge	2	
01S50	GR	0.43	GIS	ALL	ALL	NAT	ADM	4574	Jawbone Ridge	2	
01S51	GR	2.24	GIS	ALL	ALL	AGG	HLO	4563	Ascension Mt	2	
01S51A	GR	0.77	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S52	GR	0.15	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
01S52Y	GR	0.49	GIS	ML1		NAT	t-4WD	4574	Jawbone Ridge	1	
01S53	GR	1.08	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
01S54Y	GR	0.50	GIS	ML1		NAT	t-ALL	4574	Jawbone Ridge	2	
01S55Y	GR	0.17	GIS	ALL	ALL	AC	HLO	4573	Groveland	1	
01S55Y	GR	1.34	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
01S56Y	GR	0.60	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S57	GR	1.96	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
01S57B	GR	1.45	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S57Y	GR	0.66	GIS	ML1		NAT	t-4WD	4564	Ackerson Mt	2	
01S58	GR	3.00	GIS	ALL	ALL	NAT	ADM	4563	Ascension Mt	2	
01S59	GR	0.87	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S60Y	GR	0.51	GIS	ML1		NAT	t-ALL	4563	Ascension Mt	2	
01S61Y	GR	0.26	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S61YA	GR	0.55	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S62	GR	1.42	GIS	ALL	ALL	NAT	ML1	4563	Ascension Mt	2	
01S63	GR	0.09	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
01S63Y	GR	2.26	GIS	ALL	ALL	NAT	ADM	4571	Duckwall Mt	2	
01S63YA	GR	0.10	GIS	ALL	ALL	NAT	ADM	4571	Duckwall Mt	2	
01S65Y	GR	0.45	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S66Y	GR	0.49	GIS	ML1		NAT	t-ALL	4563	Ascension Mt	2	
01S70A	GR	0.34	GIS	ALL	ALL	NAT	ML1	4563	Ascension Mt	2	
01S73Y	GR	2.12	GIS	ML1	ALL	NAT	ALL	4574	Jawbone Ridge	2	mixed use signing
01S79	GR	0.12	GIS	ML1	ATV	NAT	t-ATV	4563	Ascension Mt	2	
01S81	GR	1.90	GIS	ALL	ALL	AGG	HLO	4563	Ascension Mt	2	
01S81Y	GR	1.00	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	1	
01S82	GR	1.39	GIS	ALL	ALL	AGG	HLO	4563	Ascension Mt	2	
01S86	GR	2.77	GIS	ML1	HLO	NAT	t-4WD	4563	Ascension Mt	2	
01S86B	GR	0.57	GIS	ML1		NAT	t-4WD	4563	Ascension Mt	2	
01S96	GR	1.52	GIS	ALL	ALL	NAT	HLO	4564	Ackerson Mt	2	
01S96A	GR	0.22	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
01S97	GR	0.90	GIS	ML1		NAT	t-4WD	4564	Ackerson Mt	2	
02N03Y	MW	0.02	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N03Y	MW	0.02	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N03Y	MW	0.03	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N03Y	MW	0.04	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
02N03Y	MW	0.08	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N03Y	MW	0.16	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N03Y	MW	0.29	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
02N03Y	MW	0.58	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N03Y	MW	0.79	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
02N03YA	MW	0.31	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N04	GR	0.22	GIS	ALL	ALL	NAT	HLO	4571	Duckwall Mt	3	
02N04	GR	1.11	GIS	ALL	ALL	NAT	HLO	4744	Hull Creek	3	
02N05	GR	0.83	GIS	HLO	HLO	NAT	ALL	4733	Cherry Lake N	3	mixed use signing
02N07	MW	0.92	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
02N07D	MW	0.05	GIS	ML1		NAT	t-ALL	4743	Twain Harte	2	
02N08	MW	0.30	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N08	MW	0.42	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N08	MW	0.43	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N08A	MW	0.29	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N09	MW	0.14	GIS	ALL	ALL	NAT	ADM	4572	Tuolumne	1	
02N09	MW	1.13	GIS	ALL	ALL	NAT	ADM	4572	Tuolumne	1	
02N09A	MW	0.36	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
02N09D	MW	0.11	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N09D	MW	0.19	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N10	MW	0.05	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N10	MW	0.05	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N10	MW	0.06	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N10	MW	0.07	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N10	MW	0.07	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N10	MW	0.10	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N10	MW	0.86	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N10	MW	1.17	GIS	ALL	ALL	AGG	HLO	4572	Tuolumne	1	
02N10	MW	1.77	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N13Y	MW	0.26	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	3	
02N13Y	MW	0.85	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	3	
02N14	GR	1.81	GIS	HLO	HLO	AGG	ALL	4744	Hull Creek	3	mixed use signing
02N14	GR	2.57	GIS	HLO	HLO	AGG	ALL	4744	Hull Creek	3	mixed use signing
02N14	MW	3.50	GIS	HLO	HLO	AGG	ALL	4744	Hull Creek	3	mixed use signing
02N26	MW	0.21	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N26	MW	0.47	GIS	ALL	ALL	AC	HLO	4743	Twain Harte	2	
02N26	MW	0.59	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N32Y	MW	0.03	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N34	MW	2.63	GIS	ALL	ALL	AGG	HLO	4572	Tuolumne	2	
02N34A	MW	0.84	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N34B	MW	0.56	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N34C	MW	0.47	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N39	MW	0.86	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N39A	MW	0.71	GIS	ALL	ALL	NAT	HLO	4572	Tuolumne	2	
02N44	MW	0.17	GIS	ALL	ALL	IMP	HLO	4572	Tuolumne	2	
02N44	MW	0.32	GIS	ALL	ALL	IMP	HLO	4572	Tuolumne	2	
02N44	MW	0.50	GIS	ALL	ALL	IMP	HLO	4572	Tuolumne	2	
02N44	MW	0.65	GIS	ALL	ALL	IMP	HLO	4572	Tuolumne	2	
02N44	MW	1.60	GIS	ALL	ALL	IMP	HLO	4572	Tuolumne	2	
02N44A	MW	0.08	GIS	ALL	ALL	NAT	HLO	4571	Duckwall Mt	2	
02N58	MW	0.80	GIS	ALL	ALL	NAT	ML1	4744	Hull Creek	3	
02N63A	MW	0.08	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N63B	MW	0.15	MAO	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
02N64	GR	0.71	GIS	ML1		NAT	t-ALL	4744	Hull Creek	3	
02N75	MW	0.82	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	1	
02N75A	MW	0.30	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	1	
02N87	GR	0.13	GIS	ALL	ALL	NAT	ADM	4562	Cherry Lake S	3	
02N88	MW	1.35	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	1	
02N88A	MW	0.28	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	1	
02N93	MW	1.02	GIS	ALL	ALL	NAT	ML1	4743	Twain Harte	2	
02S01	GR	0.07	GIS	ALL	ALL	NAT	HLO	4564	Ackerson Mt	2	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
02S01	GR	0.32	GIS	ALL	ALL	NAT	HLO	4564	Ackerson Mt	2	
02S01	GR	0.67	GIS	ALL	ALL	NAT	HLO	4564	Ackerson Mt	2	
02S01	GR	0.79	GIS	ALL	ALL	NAT	HLO	4564	Ackerson Mt	2	
02S01	GR	1.26	GIS	ALL	ALL	AGG	HLO	4564	Ackerson Mt	2	
02S01	GR	7.71	GIS	ALL		NAT	HLO	4563	Ascension Mt	2	
02S01A	GR	0.92	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
02S01C	GR	0.39	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
02S01G	GR	0.01	GIS	ALL	ALL	NAT	HLO	4564	Ackerson Mt	2	
02S01G	GR	0.08	GIS	ALL	ALL	NAT	HLO	4564	Ackerson Mt	2	
02S01G	GR	0.30	GIS	ALL	ALL	NAT	HLO	4564	Ackerson Mt	2	
02S02	GR	0.10	GIS	HLO	HLO	AGG	ALL	4382	Kinsley	2	mixed use signing
02S02	GR	2.37	GIS	HLO	HLO	AGG	ALL	4382	Kinsley	2	mixed use signing
02S02	GR	5.35	GIS	HLO	HLO	AGG	ALL	4563	Ascension Mt	2	mixed use signing
02S04	GR	1.47	GIS	ALL	ALL	NAT	ADM	4563	Ascension Mt	2	
02S04Y	GR	0.38	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S04YA	GR	0.44	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	1	
02S07	GR	2.88	GIS	ML1		NAT	ALL	4574	Jawbone Ridge	1	mixed use signing
02S07Y	GR	1.45	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
02S08	GR	3.47	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
02S09Y	GR	1.12	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
02S11Y	GR	0.76	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
02S12Y	GR	0.45	GIS	ML1		NAT	HLO	4574	Jawbone Ridge	2	
02S12YA	GR	0.28	GIS	ML1		NAT	HLO	4574	Jawbone Ridge	2	
02S13	GR	0.91	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
02S13	GR	2.75	GIS	ALL	ALL	AGG	HLO	4382	Kinsley	2	
02S17Y	GR	1.27	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
02S18A	GR	0.55	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S18Y	GR	1.51	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	2	
02S20	GR	1.73	GIS	ALL	ALL	NAT	HLO	4381	El Portal	2	
02S21	GR	0.02	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S21	GR	0.03	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S21	GR	1.54	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S21	GR	3.51	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S21Y	GR	0.30	GIS	ALL	ALL	NAT	t-ALL	4563	Ascension Mt	2	
02S21Y	GR	1.53	GIS	ML1		NAT	t-ALL	4563	Ascension Mt	2	
02S22Y	GR	1.15	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	1	
02S23	GR	0.02	GIS	ALL	ALL	NAT	HLO	4392	Coulterville	1	
02S23	GR	1.43	GIS	ALL	ALL	NAT	HLO	4392	Coulterville	1	
02S23	GR	1.64	GIS	ALL	ALL	NAT	HLO	4392	Coulterville	1	
02S23YA	GR	0.73	GIS	ML1		NAT	t-ALL	4564	Ackerson Mt	2	
02S24	GR	0.47	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
02S24Y	GR	0.32	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	2	
02S30	GR	1.11	GIS	HLO	HLO	BIT	ALL	4563	Ascension Mt	2	combined use signing
02S30A	GR	0.18	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
02S30B	GR	0.34	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
02S34	GR	0.24	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
02S35	GR	0.29	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
02S37	GR	1.60	GIS	ALL	ALL	NAT	HLO	4573	Groveland	1	
02S37YB	GR	0.74	GIS	ML1		NAT	t-ALL	4381	El Portal	2	
02S39B	GR	0.85	GIS	ML1		NAT	t-ALL	4574	Jawbone Ridge	2	
02S41	GR	1.60	GIS	ML1		NAT	ALL	4574	Jawbone Ridge	2	mixed use signing
02S43	GR	1.40	GIS	ML1		NAT	t-4WD	4391	Buckhorn Peak	1	
02S44	GR	1.49	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S45	GR	1.19	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	1	
02S47	GR	0.27	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S50Y	GR	0.73	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
02S52	GR	0.35	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S53	GR	0.11	GIS	ML1	HLO	NAT	HLO	4391	Buckhorn Peak	1	
02S53	GR	0.97	GIS	ML1	HLO	NAT	HLO	4391	Buckhorn Peak	1	
02S53A	GR	0.09	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S56	GR	1.13	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S56A	GR	0.21	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S57	GR	0.29	GIS	ALL	ALL	NAT	ADM	4391	Buckhorn Peak	1	
02S57	GR	0.67	GIS	ALL	ALL	NAT	ADM	4391	Buckhorn Peak	1	
02S58	GR	0.20	GIS	ALL	ALL	NAT	HLO	4391	Buckhorn Peak	1	
02S64C	GR	0.73	GIS	ML1		NAT	t-ALL	4563	Ascension Mt	2	
02S65D	GR	0.22	GIS	ALL	ALL	NAT	ML1	4563	Ascension Mt	2	
02S68	GR	1.81	GIS	ML1		NAT	ALL	4563	Ascension Mt	2	mixed use signing
02S82	GR	0.34	GIS	ML1		NAT	t-4WD	4381	EI Portal	2	
02S83	GR	1.83	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
02S83B	GR	0.38	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
02S84	GR	0.50	GIS	ALL	ALL	NAT	HLO	4381	EI Portal	2	
02S86	GR	0.08	GIS	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	1	
02S93C	GR	0.36	GIS	ML1		NAT	t-ALL	4563	Ascension Mt	2	
02S97	GR	0.40	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
02S97	GR	0.63	GIS	ALL	ALL	AGG	HLO	4382	Kinsley	2	
03N01	GR	0.30	GIS	HLO	HLO	AC	ALL	4571	Duckwall Mt	3	combined use signing
03N01	GR	0.31	GIS	HLO	HLO	AC	ALL	4571	Duckwall Mt	3	combined use signing
03N01	GR	0.57	GIS	HLO	HLO	AGG	ALL	4733	Cherry Lake N	2	combined use signing
03N01	GR	0.60	GIS	HLO	HLO	AC	ALL	4562	Cherry Lake S	3	combined use signing
03N01	GR	0.86	GIS	HLO	HLO	AGG	ALL	4733	Cherry Lake N	3	combined use signing
03N01	MW	1.69	GIS	HLO	HLO	AGG	ALL	4733	Cherry Lake N	3	mixed use signing
03N01	MW	1.80	GIS	HLO	HLO	AGG	ALL	4744	Hull Creek	3	combined use signing
03N01	MW	5.77	GIS	HLO	HLO	AGG	ALL	4744	Hull Creek	3	mixed use signing
03N01C	GR	0.11	GIS	ALL	ALL	NAT	HLO	4562	Cherry Lake S	2	
03N01D	MW	0.15	GIS	ALL	ALL	NAT	HLO	4744	Hull Creek	3	
03N01P	GR	0.44	GIS	ALL	ALL	NAT	HLO	4562	Cherry Lake S	2	
03N01P	GR	0.61	GIS	ALL	ALL	NAT	t-4WD	4562	Cherry Lake S	2	
03N01Q	GR	0.20	GIS	ALL	ALL	NAT	HLO	4562	Cherry Lake S	2	
03N01U	MW	0.07	GIS	ALL	ALL	NAT	HLO	4744	Hull Creek	3	
03N01Y	MW	1.69	GIS	ALL	MC	NAT	t-MC	4743	Twain Harte	2	
03N02	MW	0.11	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	2	
03N03	MW	0.08	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N03	MW	3.43	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N03B	MW	0.77	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N03C	MW	0.21	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N04	MW	0.09	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
03N06Y	MW	0.02	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N06Y	MW	0.89	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N07	MW	1.80	GIS	ALL	ALL	NAT	HLO	4744	Hull Creek	2	
03N08Y	MW	0.49	GIS	ML1	ALL	NAT	t-ATV	4744	Hull Creek	3	
03N10Y	MW	0.57	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	2	
03N10YA	MW	0.19	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	2	
03N11	MW	0.03	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N11	MW	0.32	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N11	MW	0.53	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N11	MW	0.61	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N11	MW	5.13	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N11A	MW	1.10	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	2	
03N11B	MW	0.32	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	2	
03N11C	MW	0.22	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	2	
03N12	MW	3.28	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
03N12A	MW	1.11	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N12B	MW	1.04	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N14	MW	0.13	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
03N14	MW	0.16	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
03N14	MW	0.34	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
03N14	MW	0.89	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
03N15	MW	3.56	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N20YC	MW	0.81	GIS	ALL	ALL	NAT	HLO	4733	Cherry Lake N	3	
03N24	MW	4.87	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
03N24D	MW	0.30	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N26YB	MW	0.14	GIS	ML1	ALL	NAT	ALL	4744	Hull Creek	3	mixed use signing
03N26YB	MW	0.15	GIS	ML1	ALL	NAT	ALL	4744	Hull Creek	3	mixed use signing
03N30	MW	0.04	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
03N30	MW	0.08	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
03N30	MW	0.14	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
03N30	MW	0.20	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
03N30	MW	0.20	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
03N30	MW	0.38	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
03N30	MW	0.62	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
03N30	MW	1.02	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
03N30	MW	1.75	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N34	MW	1.63	GIS	ALL	ALL	NAT	HLO	4744	Hull Creek	2	
03N34A	MW	0.27	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N34Y	MW	3.21	GIS	HLO	HLO	AGG	ALL	4733	Cherry Lake N	3	
03N38	MW	0.04	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N39	MW	3.16	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
03N41	MW	1.68	GIS	ALL	ALL	NAT	HLO	4744	Hull Creek	2	
03N44	MW	1.62	GIS	ALL	ALL	NAT	HLO	4753	Columbia	1	
03N45	MW	0.19	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N46	MW	0.28	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N46	MW	0.42	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N48	MW	0.07	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
03N48	MW	0.12	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
03N48	MW	0.59	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
03N48	MW	2.30	GIS	ALL	ALL	AGG	HLO	4741	Strawberry	3	
03N48A	MW	0.53	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
03N48B	MW	0.80	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
03N48Y	MW	0.75	GIS	ML1	ALL	NAT	t-ALL	4744	Hull Creek	3	
03N50	MW	0.91	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	2	
03N50	MW	2.05	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	2	
03N53	MW	0.50	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N58	MW	0.29	GIS	ALL	ALL	NAT	t-MC	4743	Twain Harte	2	
03N59	MW	0.52	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
03N60	MW	1.33	GIS	ML1	ATV	NAT	t-ATV	4744	Hull Creek	3	
03N68	MW	1.71	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N68Y	MW	0.88	GIS	ALL	ALL	NAT	HLO	4754	Columbia SE	1	
03N69	MW	0.56	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
03N69	MW	0.82	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
03N69	MW	3.83	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N69A	MW	0.61	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N69Y	MW	0.06	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
03N69Y	MW	0.42	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
03N70A	MW	0.13	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	3	
03N71	MW	0.01	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	3	
03N71	MW	0.08	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N71	MW	0.64	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
03N71Y	MW	0.28	GIS	ML1	MC	NAT	t-MC	4742	Crandall Peak	2	
03N71Y	MW	1.30	GIS	ML1	MC	NAT	t-MC	4742	Crandall Peak	2	
03N72	MW	1.43	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	3	
03N73	MW	2.05	GIS	ALL	ALL	NAT	HLO	4744	Hull Creek	2	
03N73B	MW	0.31	GIS	ALL	ALL	NAT	HLO	4744	Hull Creek	2	
03N77	MW	0.56	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	3	
03N84	MW	0.47	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	3	
03N87	MW	0.19	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
03N87	MW	2.04	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
03N89	MW	0.72	GIS	ALL	ALL	NAT	HLO	4744	Hull Creek	3	
03N90	MW	3.77	GIS	ALL	ALL	AGG	HLO	4744	Hull Creek	3	
03N91	MW	0.05	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N91	MW	0.06	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	3	
03N91	MW	0.12	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N91	MW	0.17	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
03N92	MW	0.30	GIS	ALL	ALL	AGG	HLO	4744	Hull Creek	3	
03N92	MW	0.88	GIS	ALL	ALL	AGG	HLO	4744	Hull Creek	3	
03N95	MW	1.12	GIS	ALL	ALL	NAT	HLO	4744	Hull Creek	3	
03N95A	MW	0.56	GIS	ALL	ALL	NAT	HLO	4744	Hull Creek	3	
03N99	MW	0.15	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	3	
03N99	MW	0.87	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	3	
03N99	MW	1.50	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
04N01	MW	0.38	GIS	ALL	ALL	NAT	HLO	4742	Crandall Peak	2	
04N01	MW	0.41	GIS	ALL	ALL	AGG	HLO	4751	Stanislaus	2	
04N01	MW	0.52	GIS	ALL	ALL	AGG	HLO	4751	Stanislaus	2	
04N01	MW	2.26	GIS	ALL	ALL	AGG	HLO	4741	Strawberry	1	
04N01	MW	2.32	GIS	ALL	ALL	NAT	HLO	4742	Crandall Peak	2	
04N01A	MW	0.31	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N01B	MW	0.58	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	2	
04N01C	MW	0.07	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N01Y	MW	0.59	GIS	ALL	ALL	NAT	HLO	4742	Crandall Peak	2	
04N02	MW	0.16	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
04N02	MW	0.17	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
04N02	MW	0.54	GIS	ALL	ALL	NAT	HLO	4743	Twain Harte	2	
04N02	MW	1.07	GIS	ALL	ALL	AGG	HLO	4743	Twain Harte	2	
04N02Y	SU	1.86	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N04	MW	0.25	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
04N04	MW	0.38	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
04N04	MW	2.29	GIS	ALL	ALL	AGG	HLO	4751	Stanislaus	1	
04N04A	MW	0.77	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
04N04C	MW	1.10	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
04N04Y	CAL	0.05	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	3	
04N05	MW	0.48	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
04N05	MW	1.25	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
04N06	CAL	0.24	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	3	
04N06YA	SU	0.07	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N09	MW	0.04	GIS	ML1	ALL	NAT	t-ALL	4732	Pinecrest	3	
04N09	MW	0.30	GIS	HLO	HLO	BIT	ALL	4744	Hull Creek	3	combined use signing
04N09	MW	0.62	GIS	ML1	ALL	NAT	ALL	4732	Pinecrest	1	
04N10	SU	2.43	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N10A	SU	0.82	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N10B	SU	0.66	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N11	SU	2.38	GIS	ALL	ALL	AGG	HLO	4732	Pinecrest	3	
04N11	MW	4.94	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N12Q	SU	0.17	MAP	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N13	SU	0.34	GIS	ALL	ALL	AC	HLO	4741	Strawberry	2	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
04N13	MW	1.02	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N13	SU	2.08	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N15Y	MW	0.48	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
04N16Y	MW	0.62	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
04N16YA	MW	0.28	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
04N17	MW	0.03	GIS	ALL	ALL	NAT	HLO	4742	Crandall Peak	2	
04N17	MW	0.28	GIS	ALL	ALL	NAT	HLO	4742	Crandall Peak	2	
04N17D	MW	0.59	GIS	ALL	ALL	NAT	ML1	4742	Crandall Peak	2	
04N17E	MW	0.32	GIS	ALL	ALL	NAT	ML1	4742	Crandall Peak	2	
04N17F	MW	0.63	GIS	ALL	ALL	NAT	ML1	4742	Crandall Peak	2	
04N18	MW	0.69	GIS	ALL	ALL	NAT	HLO	4742	Crandall Peak	2	
04N18	MW	0.92	GIS	ALL	ALL	NAT	HLO	4742	Crandall Peak	2	
04N20Y	MW	1.17	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
04N20YA	MW	0.20	GIS	ALL	ALL	NAT	ML1	4751	Stanislaus	1	
04N24	SU	0.30	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N25	MW	0.44	GIS	HLO	HLO	AGG	ALL	4732	Pinecrest	3	combined use signing
04N25A	SU	0.27	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N26B	SU	0.78	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N26C	SU	0.35	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N27Y	SU	0.84	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N31	SU	0.05	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N31	SU	0.79	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N31A	SU	0.36	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N32	SU	0.60	GIS	ALL	ALL	AGG	HLO	4741	Strawberry	3	
04N32	MW	2.00	GIS	ALL	ALL	AC	HLO	4741	Strawberry	3	
04N32A	MW	0.88	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N32C	MW	0.42	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N33	SU	1.75	GIS	ALL	ALL	BIT	HLO	4732	Pinecrest	3	
04N34	SU	1.22	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N34	SU	2.27	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N34	SU	2.44	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N35Y	MW	0.50	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N35Y	SU	2.04	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N38	CAL	2.64	GIS	ALL	ALL	AC	HLO	4751	Stanislaus	3	
04N47	SU	4.03	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N47D	SU	0.19	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N47Y	SU	1.76	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N49Y	MW	0.16	GIS	ALL	ALL	NAT	ML1	4732	Pinecrest	3	
04N49YA	MW	0.13	GIS	ML1		NAT	t-4WD	4732	Pinecrest	3	
04N51Y	SU	0.51	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N54	SU	1.17	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N55	SU	0.48	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N55	SU	0.71	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N57	SU	0.15	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N57A	SU	0.37	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N61A	MW	0.69	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N65	SU	0.08	GIS	ALL	ALL	NAT	HLO	4742	Crandall Peak	3	
04N65	SU	0.08	GIS	ALL	ALL	NAT	HLO	4742	Crandall Peak	3	
04N65	SU	0.23	GIS	ALL	ALL	NAT	HLO	4742	Crandall Peak	3	
04N65	SU	0.76	GIS	ALL	ALL	NAT	HLO	4742	Crandall Peak	3	
04N67	SU	0.32	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N67A	SU	0.31	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N68Y	SU	1.52	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N69	MW	1.63	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N70	SU	1.51	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N71	SU	1.13	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
04N71A	SU	0.58	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
04N73	SU	0.78	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N74	MW	0.26	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	1	
04N75	MW	1.80	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	2	
04N76Y	SU	0.23	GIS	ALL	ALL	NAT	HLO	4742	Crandall Peak	3	
04N76Y	SU	0.37	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N77Y	SU	0.38	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N78	MW	2.86	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N78Y	SU	0.50	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N78YA	SU	0.34	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N78YB	SU	0.21	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N80Y	CAL	0.16	GIS	ALL	ALL	AGG	HLO	4751	Stanislaus	3	
04N80Y	CAL	0.59	GIS	ALL	ALL	AGG	HLO	4751	Stanislaus	3	
04N80Y	CAL	1.14	GIS	ALL	ALL	AGG	HLO	4751	Stanislaus	3	
04N80Y	CAL	1.17	GIS	ALL	ALL	AGG	HLO	4751	Stanislaus	3	
04N90	MW	4.05	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
04N91	SU	0.14	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N91	SU	0.43	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N91	SU	0.59	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N95	MW	0.22	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N95	MW	0.36	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N95	MW	0.48	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
04N98	MW	1.22	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
05N01	SU	0.47	GIS	HLO	HLO	NAT	ALL	4904	Dardanelle	3	mixed use signing
05N01	SU	0.55	GIS	HLO	HLO	NAT	ALL	4904	Dardanelle	3	mixed use signing
05N01	SU	0.71	GIS	HLO	HLO	NAT	ALL	4904	Dardanelle	3	mixed use signing
05N01	SU	2.30	GIS	HLO	HLO	AGG	ALL	4904	Dardanelle	3	mixed use signing
05N01	SU	2.61	GIS	HLO	HLO	NAT	ALL	4904	Dardanelle	3	mixed use signing
05N02B	CAL	0.89	GIS	ALL	ALL	NAT	HLO	4913	Borards Crossing	3	
05N02C	SU	0.16	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
05N02C	SU	0.22	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
05N02D	SU	0.21	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	2	
05N02F	SU	0.24	GIS	ALL	ALL	AGG	HLO	4741	Strawberry	3	
05N02H	SU	0.22	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
05N02L	SU	0.13	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
05N02L	SU	0.19	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
05N02R	CAL	0.40	GIS	ALL	ALL	NAT	HLO	4913	Borards Crossing	3	
05N02R	CAL	1.48	GIS	ALL	ALL	NAT	HLO	4913	Borards Crossing	3	
05N04	SU	0.30	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
05N14	CAL	0.02	GIS	HLO	HLO	NAT	ALL	4914	Liberty Hill	3	mixed use signing
05N14	CAL	0.34	GIS	HLO	HLO	NAT	ALL	4914	Liberty Hill	3	mixed use signing
05N14	CAL	0.53	GIS	HLO	HLO	AGG	ALL	4913	Borards Crossing	3	mixed use signing
05N14	CAL	0.55	GIS	HLO	HLO	AGG	ALL	4913	Borards Crossing	3	mixed use signing
05N14	CAL	0.60	GIS	HLO	HLO	NAT	ALL	4914	Liberty Hill	3	mixed use signing
05N14	CAL	0.71	GIS	HLO	HLO	NAT	ALL	4914	Liberty Hill	3	mixed use signing
05N14	CAL	1.12	GIS	HLO	HLO	NAT	ALL	4914	Liberty Hill	3	mixed use signing
05N14	CAL	3.25	GIS	HLO	HLO	NAT	ALL	4913	Borards Crossing	3	mixed use signing
05N14	CAL	4.62	GIS	HLO	HLO	NAT	ALL	4914	Liberty Hill	3	mixed use signing
05N14D	SU	0.66	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
05N14L	CAL	1.13	GIS	ALL	ALL	NAT	HLO	4913	Borards Crossing	3	
05N14M	CAL	0.10	GIS	ALL	ALL	NAT	HLO	4913	Borards Crossing	3	
05N17Y	SU	0.15	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
05N26Y	SU	1.15	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
05N29Y	SU	0.18	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
05N29Y	SU	0.76	GIS	ALL	ALL	NAT	HLO	4741	Strawberry	3	
05N35	CAL	1.65	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	3	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
05N35B	CAL	0.46	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	3	
05N40	CAL	0.15	GIS	HLO	HLO	NAT	ADM	4924	Dorrington	3	
05N44	SU	0.03	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
05N44	SU	0.06	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
05N44	SU	0.15	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
05N44	SU	0.20	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
05N44	SU	0.27	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
05N51Y	CAL	1.58	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	3	
05N51YA	CAL	0.44	GIS	ALL	ALL	NAT	HLO	4751	Stanislaus	3	
05N53Y	CAL	0.08	GIS	ALL	ALL	NAT	HLO	4913	Borards Crossing	3	
05N56	CAL	0.01	GIS	ALL	ALL	AGG	HLO	4924	Dorrington	2	
05N59	SU	1.03	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
05N73Y	SU	0.29	GIS	ALL	ALL	NAT	HLO	4732	Pinecrest	3	
05N85Y	SU	0.92	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
05N85YA	SU	0.90	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
05N93	SU	1.44	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
06N06A	SU	0.31	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
06N06B	SU	0.05	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
06N06B	SU	0.09	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
06N06B1	SU	0.27	MAP	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
06N06C	SU	0.26	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
06N06F	SU	0.08	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
06N07Y	SU	0.08	GIS	ALL	ALL	NAT	HLO	4893	Sonora Pass	3	
06N08Y	SU	0.06	GIS	ALL	ALL	NAT	HLO	4893	Sonora Pass	3	
06N09Y	SU	0.04	GIS	ALL	ALL	NAT	HLO	4893	Sonora Pass	3	
06N11Y	CAL	0.81	GIS	ALL		NAT	ADM	4913	Borards Crossing	3	
06N12	SU	0.34	GIS	ALL	ALL	NAT	HLO	4904	Dardanelle	3	
06N13X	CAL	0.30	GIS	ALL	ALL	NAT	HLO	4913	Borards Crossing	3	
06N14	SU	0.37	GIS	ALL	ALL	NAT	HLO	4904	Dardanelle	3	
06N16A	SU	0.21	GIS	ALL	ALL	NAT	HLO	4901	Dardanelles Cone	3	
06N17A	CAL	0.09	MAP	ML1		NAT	t-ALL	4913	Borards Crossing	3	
06N17A	CAL	0.46	GIS	ML1		NAT	t-ALL	4913	Borards Crossing	3	
06N17B	CAL	0.65	GIS	ML1		NAT	t-ALL	4913	Borards Crossing	3	
06N17D	CAL	0.35	GIS	ML1		NAT	t-ALL	4913	Borards Crossing	3	
06N17J	CAL	0.52	GIS	ML1		NAT	t-ALL	4911	Tamarack	3	
06N17P	CAL	0.41	GIS	ML1	ALL	NAT	t-ALL	4911	Tamarack	3	
06N19	SU	0.48	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
06N19A	SU	0.15	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
06N24	SU	0.13	GIS	ALL	ALL	AGG	ADM	4903	Donnell Lake	3	
06N24	SU	0.32	GIS	ALL	ALL	AGG	ML1	4903	Donnell Lake	3	
06N24	SU	0.49	GIS	ALL	ALL	AGG	HLO	4903	Donnell Lake	3	
06N24A	SU	0.19	GIS	ALL	ALL	AGG	HLO	4903	Donnell Lake	3	
06N27	CAL	1.53	GIS	ML1	ALL	NAT	t-ALL	4914	Liberty Hill	3	
06N27	CAL	3.23	GIS	ML1	ALL	NAT	t-ALL	4914	Liberty Hill	3	
06N29Y	CAL	0.98	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
06N30	SU	0.72	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
06N30A	SU	0.10	GIS	ALL	ALL	NAT	HLO	4914	Liberty Hill	3	
06N33Y	SU	0.92	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
06N34Y	SU	2.91	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
06N34YD	SU	0.25	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
06N36Y	SU	0.04	GIS	ALL	ALL	NAT	HLO	4904	Dardanelle	3	
06N36Y	SU	0.21	GIS	ALL	ALL	NAT	HLO	4904	Dardanelle	3	
06N36Y	SU	1.12	GIS	ALL	ALL	NAT	ADM	4904	Dardanelle	3	
06N37Y	SU	0.09	GIS	ALL	ALL	NAT	HLO	4893	Sonora Pass	3	
06N39Y	SU	0.10	GIS	ALL	ALL	NAT	HLO	4893	Sonora Pass	3	
06N40	CAL	0.09	GIS	ALL	ALL	NAT	HLO	4923	Fort Mt	2	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
06N44Y	SU	0.12	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
06N45Y	SU	0.26	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
06N47Y	SU	0.25	GIS	ALL	ALL	NAT	HLO	4904	Dardanelle	3	
06N58	CAL	0.03	GIS	HLO	HLO	NAT	ALL	4913	Bords Crossing	3	mixed use signing
06N58	CAL	0.08	GIS	HLO	HLO	NAT	ALL	4913	Bords Crossing	3	mixed use signing
06N58	CAL	0.12	GIS	HLO	HLO	NAT	ALL	4913	Bords Crossing	3	mixed use signing
06N58	CAL	0.18	GIS	HLO	HLO	NAT	ALL	4924	Dorrington	3	mixed use signing
06N58	CAL	0.25	GIS	HLO	HLO	NAT	ALL	4913	Bords Crossing	3	mixed use signing
06N58	CAL	0.36	GIS	HLO	HLO	NAT	ALL	4913	Bords Crossing	3	mixed use signing
06N58	CAL	0.46	GIS	HLO	HLO	NAT	ALL	4913	Bords Crossing	3	mixed use signing
06N58	CAL	0.70	GIS	HLO	HLO	NAT	ALL	4924	Dorrington	3	mixed use signing
06N58	CAL	0.79	GIS	HLO	HLO	NAT	ALL	4913	Bords Crossing	3	mixed use signing
06N58	CAL	0.90	GIS	HLO	HLO	NAT	ALL	4913	Bords Crossing	3	mixed use signing
06N58	CAL	1.74	GIS	HLO	HLO	NAT	ALL	4924	Dorrington	3	mixed use signing
06N60Y	CAL	0.02	GIS	ALL	ALL	NAT	HLO	4922	Devils Nose	2	
06N62	CAL	1.35	GIS	HLO	HLO	AGG	ALL	4912	Calaveras Dome	3	mixed use signing
06N64	CAL	0.93	GIS	ALL	ALL	NAT	ML1	4924	Dorrington	3	
06N66YB	CAL	0.82	GIS	ML1		NAT	t-ALL	4914	Liberty Hill	3	
06N71Y	CAL	1.35	GIS	ALL	ALL	NAT	ADM	4924	Dorrington	3	
06N76YA	CAL	0.25	GIS	ML1		NAT	t-ALL	4914	Liberty Hill	3	
06N80	CAL	0.05	GIS	ALL	ALL	NAT	HLO	4913	Bords Crossing	3	
06N80Y	CAL	0.78	GIS	ML1		NAT	t-ALL	4914	Liberty Hill	3	
06N80YA	CAL	0.11	GIS	ML1		NAT	t-ALL	4914	Liberty Hill	3	
06N81Y	CAL	0.14	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
06N81Y	CAL	0.26	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
06N81Y	CAL	0.42	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
06N81Y	CAL	0.46	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
06N81YA	CAL	0.51	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
06N82	CAL	0.12	GIS	ALL	ALL	NAT	HLO	4913	Bords Crossing	3	
06N82Y	SU	0.24	GIS	ALL	ALL	NAT	HLO	4904	Dardanelle	3	
06N85	CAL	0.72	GIS	ML1	ALL	NAT	t-ALL	4914	Liberty Hill	3	
06N85A	CAL	0.39	GIS	ML1		NAT	t-ALL	4914	Liberty Hill	3	
06N94	CAL	1.68	GIS	ALL	ALL	NAT	ML1	4914	Liberty Hill	3	
07N01C	CAL	0.18	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
07N01E	CAL	0.36	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
07N01G	CAL	0.13	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
07N02	CAL	2.39	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
07N05	CAL	0.53	GIS	HLO	HLO	NAT	ALL	4912	Calaveras Dome	3	mixed use signing
07N08	CAL	0.37	GIS	ALL	ALL	NAT	ADM	4924	Dorrington	2	
07N08	CAL	0.45	GIS	ALL	ALL	NAT	HLO	4924	Dorrington	3	
07N08	CAL	1.94	GIS	ALL	ALL	NAT	HLO	4921	Garnet Hill	3	
07N08	CAL	2.52	GIS	HLO	HLO	NAT	ADM	4924	Dorrington	3	
07N08	CAL	2.57	GIS	ALL	ALL	NAT	HLO	4921	Garnet Hill	2	
07N09	CAL	0.01	GIS	HLO	HLO	AGG	ALL	4912	Calaveras Dome	3	mixed use signing
07N09	CAL	0.44	GIS	HLO	HLO	AGG	ALL	4912	Calaveras Dome	3	mixed use signing
07N09	CAL	0.48	GIS	HLO	HLO	NAT	ALL	4912	Calaveras Dome	3	combined use signing
07N09	CAL	0.59	GIS	HLO	HLO	NAT	ALL	4912	Calaveras Dome	3	mixed use signing
07N09	CAL	0.84	GIS	HLO	HLO	AGG	ALL	4912	Calaveras Dome	3	combined use signing
07N09	CAL	1.09	GIS	HLO	HLO	AGG	ALL	4912	Calaveras Dome	3	combined use signing
07N09	CAL	1.13	GIS	HLO	HLO	NAT	ALL	4912	Calaveras Dome	3	combined use signing
07N09	CAL	2.23	GIS	HLO	HLO	NAT	ALL	4912	Calaveras Dome	3	combined use signing
07N09	CAL	2.94	GIS	HLO	HLO	AGG	ALL	4912	Calaveras Dome	3	mixed use signing
07N09A	CAL	0.86	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N09B	CAL	0.45	GIS	ML1		NAT	t-4WD	4912	Calaveras Dome	3	
07N09C	CAL	0.62	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N09D	CAL	0.16	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
07N09E	CAL	0.29	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N09F	CAL	0.13	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N09G	CAL	0.12	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N09H	CAL	0.54	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N09J	CAL	0.26	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N09W	CAL	0.24	GIS	ML1		NAT	t-ALL	4912	Calaveras Dome	3	
07N13	SU	0.60	GIS	ALL	ALL	NAT	HLO	4901	Dardanelles Cone	3	
07N13A	SU	0.15	GIS	ALL		NAT	HLO	4901	Dardanelles Cone	3	
07N14C	CAL	0.47	GIS	ML1		NAT	t-ALL	4912	Calaveras Dome	3	
07N16A	CAL	0.20	GIS	ML1		NAT	t-ALL	4912	Calaveras Dome	3	
07N16X	CAL	1.37	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
07N17	CAL	2.24	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
07N17	CAL	2.79	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
07N17A	CAL	0.08	GIS	ML1		NAT	t-4WD	4911	Tamarack	3	
07N17B	CAL	0.57	GIS	ALL	ALL	AGG	ADM	4911	Tamarack	3	
07N18Y	CAL	0.90	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
07N18YC	CAL	0.32	GIS	ML1		NAT	t-4WD	4912	Calaveras Dome	3	
07N19X	CAL	0.11	GIS	ML1		NAT	t-ALL	4911	Tamarack	3	
07N22	CAL	0.01	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N22	CAL	0.05	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N22	CAL	0.43	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N22	CAL	1.03	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N28	CAL	0.91	GIS	HLO	HLO	AGG	ALL	4912	Calaveras Dome	3	mixed use signing
07N28	CAL	0.96	GIS	HLO	HLO	AGG	ALL	4912	Calaveras Dome	3	mixed use signing
07N28	CAL	1.35	GIS	HLO	HLO	AGG	ALL	4912	Calaveras Dome	3	mixed use signing
07N29Y	CAL	3.96	GIS	ALL	ALL	AGG	HLO	4911	Tamarack	3	
07N30Y	SU	0.23	GIS	ALL	ALL	NAT	HLO	4901	Dardanelles Cone	3	
07N30YA	SU	0.09	GIS	ALL	ALL	NAT	HLO	4901	Dardanelles Cone	3	
07N30YB	SU	0.09	GIS	ALL	ALL	NAT	HLO	4901	Dardanelles Cone	3	
07N38	CAL	0.75	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
07N40Y	CAL	0.20	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
07N48A	CAL	0.22	GIS	ML1		NAT	t-ALL	4912	Calaveras Dome	3	
07N49Y	CAL	0.36	GIS	ML1	HLO	NAT	HLO	4911	Tamarack	3	
07N55	CAL	1.06	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
07N55A	CAL	0.59	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
07N55Y	CAL	0.40	GIS	ALL	ALL	NAT	HLO	4902	Spicer Mdw Res	3	
07N56YA	CAL	0.71	GIS	ML1		NAT	t-ALL	4912	Calaveras Dome	3	
07N57	CAL	0.29	GIS	ALL	ALL	NAT	ADM	4912	Calaveras Dome	3	
07N58	CAL	0.12	GIS	ALL	ALL	NAT	HLO	4921	Garnet Hill	3	
07N58	CAL	1.77	GIS	ALL		NAT	ADM	4921	Garnet Hill	3	
07N60	CAL	0.40	GIS	ALL	ALL	NAT	ADM	4912	Calaveras Dome	3	
07N70	CAL	0.77	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
07N75C	CAL	0.49	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
07N77	CAL	0.96	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
07N82	CAL	0.95	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
07N82A	CAL	0.24	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
07N87	CAL	1.70	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N87A	CAL	0.14	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N87A	CAL	0.20	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N87B	CAL	0.11	GIS	ALL	ALL	NAT	t-4WD	4912	Calaveras Dome	3	
07N93	CAL	2.68	GIS	ALL	ALL	NAT	HLO	4911	Tamarack	3	
07N94	CAL	0.44	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
07N94A	CAL	0.73	GIS	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
07N95	CAL	0.08	GIS	ALL		NAT	ADM	4912	Calaveras Dome	3	
07N95A	CAL	0.11	GIS	ALL	ALL	NAT	ADM	4912	Calaveras Dome	3	
08N01A	CAL	0.12	GIS	ALL	ALL	NAT	HLO	5064	Ebbetts Pass	3	

Route	RD	MI	SRC	Existing			ROD	Quad		SEA	Mitigations
				SYS	USE	SUR		#	Name		
08N04	CAL	0.01	GIS	ALL	ALL	NAT	HLO	5064	Ebbetts Pass	3	
08N04	CAL	0.23	GIS	ALL	ALL	NAT	HLO	5064	Ebbetts Pass	3	
08N13	CAL	0.54	GIS	ALL	ALL	NAT	HLO	5063	Pacific Valley	3	
08N14	CAL	0.11	GIS	ALL	ALL	NAT	HLO	5063	Pacific Valley	3	
21904B	GR	0.06	GIS	ALL	ALL	NAT	HLO	4563	Ascension Mt	2	
41899Z21	SU	0.08	MAP	ALL	ALL	AC	HLO	4732	Pinecrest	3	
51913A1	SU	0.06	MAP	ALL	ALL	NAT	HLO	4904	Dardanelle	3	
61919A	SU	0.16	GIS	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
61931B04	SU	0.06	MAP	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
61932B	SU	0.05	MAP	ALL	ALL	NAT	HLO	4903	Donnell Lake	3	
62127C	SU	0.06	GIS	ALL	ALL	NAT	HLO	4893	Sonora Pass	3	rock barriers 30' MP 0.06 to block access
72032C	SU	0.05	GIS	ALL	ALL	NAT	HLO	4901	Dardanelles Cone	3	
FR10831	CAL	0.03	MAP	ALL	ALL	NAT	HLO	4902	Spicer Mdw Res	3	
FR11116	CAL	0.04	MAP	ALL	ALL	AC	HLO	4902	Spicer Mdw Res	3	
FR12088	CAL	0.11	MAP	ALL	ALL	AC	HLO	4911	Tamarack	3	
FR12476	CAL	0.05	MAP	ALL	ALL	AC	HLO	4911	Tamarack	3	
FR12477	CAL	0.37	MAP	ALL	ALL	AC	HLO	4911	Tamarack	3	
FR12607	SU	0.19	MAP	ALL	ALL	AC	HLO	4741	Strawberry	3	
FR14823	SU	0.25	MAP	ALL	ALL	NAT	HLO	4901	Dardanelles Cone	3	
FR14833	SU	0.09	MAP	ALL	ALL	NAT	HLO	4901	Dardanelles Cone	3	
FR4898	GR	0.09	GIS	ALL	ALL	NAT	ADM	4574	Jawbone Ridge	2	
FR4898	GR	0.22	GIS	ALL	ALL	NAT	ADM	4574	Jawbone Ridge	2	
FR5219	CAL	0.03	MAP	ALL	ALL	NAT	HLO	5063	Pacific Valley	3	
FR7181	CAL	0.16	MAP	ALL	ALL	AC	HLO	4911	Tamarack	3	
FR7856	GR	0.14	MAP	ALL	ALL	NAT	HLO	4574	Jawbone Ridge	2	
FR8080	CAL	0.04	GIS	ALL	ALL	NAT	HLO	4921	Garnet Hill	3	
FR8319	CAL	0.05	MAP	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
FR8319	CAL	0.33	MAP	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
FR8319	CAL	0.48	MAP	ALL	ALL	NAT	HLO	4912	Calaveras Dome	3	
FR8322	CAL	0.08	MAP	ALL	ALL	NAT	HLO	5063	Pacific Valley	3	
FR8323	CAL	0.06	MAP	ALL	ALL	NAT	HLO	5063	Pacific Valley	3	
FR8445	GR	0.05	MAP	ALL	ALL	AC	HLO	4562	Cherry Lake S	3	
FR8602	GR	0.23	MAP	ALL	ALL	NAT	ADM	4574	Jawbone Ridge	2	
FR8925	CAL	0.04	MAP	ALL	ALL	AC	HLO	4911	Tamarack	3	
FR9330	CAL	0.11	MAP	ALL	ALL	NAT	HLO	4902	Spicer Mdw Res	3	
FR9331	CAL	0.33	MAP	ALL	ALL	NAT	HLO	4901	Dardanelles Cone	3	
FS83231	CAL	0.06	MAP	ALL	ALL	NAT	HLO	5064	Ebbetts Pass	3	
total		616.80									

Legend

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

R.03 Changes to the Existing NFTS: Season of Use

Table R.03-1 lists the existing NFTS routes with season of use changes included in the decision. By the nature of the decision, this table lists **all** existing NFTS routes open to public motorized.

Table R.03-1 Changes to the Existing NFTS: Season of Use

Route	RD	MI	SUR	SEA	ROD
01N01	GR	1.58	AC	2	year round
01N01	GR	4.22	NAT	2	year round
01N01	MW	5.79	NAT	1	year round
01N01	GR	7.77	AGG	2	year round
01N01	MW	8.47	AC	1	year round
01N01A	GR	0.61	NAT	2	4/15-12/15
01N01C	GR	0.19	NAT	2	4/15-12/15
01N01D	GR	0.49	NAT	2	4/15-12/15
01N01H	MW	0.66	NAT	1	year round
01N01J	MW	0.28	NAT	1	year round
01N01K	MW	0.57	NAT	1	year round
01N01L	GR	0.12	NAT	2	4/15-12/15
01N02	MW	1.38	IMP	1	year round
01N02Y	MW	1.53	NAT	2	4/15-12/15
01N02YA	MW	0.23	NAT	2	4/15-12/15
01N04	GR	0.18	AC	3	year round
01N04	GR	0.44	AC	2	year round
01N04	MW	0.49	AC	1	year round
01N04	GR	0.56	AGG	3	4/15-12/15
01N04	GR	1.81	NAT	3	4/15-12/15
01N04	GR	3.33	AGG	3	4/15-12/15
01N04	MW	12.89	AC	2	year round
01N04	GR	12.93	AC	2	year round
01N04A	GR	0.44	AGG	3	4/15-12/15
01N04B	MW	0.66	NAT	3	4/15-12/15
01N04C	GR	0.90	NAT	3	4/15-12/15
01N04Y	MW	0.50	NAT	2	4/15-12/15
01N05	GR	2.65	NAT	2	4/15-12/15
01N07	GR	17.68	AC	2	year round
01N07A	GR	0.80	NAT	2	4/15-12/15
01N07C	GR	0.60	NAT	2	4/15-12/15
01N07Y	GR	1.57	NAT	2	4/15-12/15
01N08	GR	1.51	AGG	2	4/15-12/15
01N09Y	MW	0.36	NAT	2	4/15-12/15
01N10	GR	5.14	NAT	2	4/15-12/15
01N10	GR	6.62	NAT	2	year round
01N10A	GR	0.53	NAT	2	4/15-12/15
01N10B	GR	0.16	NAT	2	4/15-12/15
01N11	MW	2.27	NAT	1	year round
01N11B	MW	0.45	NAT	1	year round
01N11Y	GR	2.43	NAT	2	4/15-12/15
01N12	MW	1.03	NAT	2	4/15-12/15
01N13	MW	2.03	NAT	1	year round
01N13A	MW	0.48	NAT	1	year round
01N13B	MW	0.96	NAT	1	year round
01N14	GR	3.76	AGG	3	4/15-12/15
01N14A	GR	0.82	AGG	3	4/15-12/15
01N14F	GR	0.44	NAT	3	4/15-12/15
01N14Y	GR	0.95	AC	2	4/15-12/15
01N16	MW	0.42	NAT	2	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
01N17	MW	2.38	NAT	1	year round
01N17A	MW	0.16	NAT	1	year round
01N17Y	MW	0.59	NAT	2	4/15-12/15
01N17YA	MW	0.34	NAT	2	4/15-12/15
01N18	MW	1.37	NAT	1	year round
01N18A	MW	0.17	NAT	1	year round
01N18Y	GR	0.35	AC	3	year round
01N19	MW	1.32	NAT	1	year round
01N20	MW	1.69	AGG	1	year round
01N20A	MW	0.66	NAT	1	year round
01N20B	MW	0.46	NAT	1	year round
01N22	MW	2.72	IMP	1	year round
01N22A	MW	0.54	NAT	1	year round
01N23	GR	1.98	NAT	2	4/15-12/15
01N24	MW	3.90	NAT	1	year round
01N24A	MW	0.09	NAT	1	year round
01N24B	MW	0.34	NAT	1	year round
01N24C	MW	1.16	NAT	1	year round
01N24D	MW	0.30	NAT	1	year round
01N25	MW	0.34	AGG	2	year round
01N25A	MW	0.09	NAT	2	4/15-12/15
01N25B	MW	0.29	AGG	2	4/15-12/15
01N25Y	GR	0.73	IMP	2	4/15-12/15
01N26	GR	3.78	IMP	2	4/15-12/15
01N26A	GR	0.26	NAT	2	4/15-12/15
01N26B	GR	0.44	NAT	2	4/15-12/15
01N26C	GR	0.31	NAT	2	4/15-12/15
01N26D	GR	0.28	NAT	2	4/15-12/15
01N27	MW	0.97	AGG	1	year round
01N27A	MW	0.64	NAT	1	year round
01N27B	MW	0.42	AGG	1	year round
01N28	GR	0.38	NAT	2	4/15-12/15
01N28A	GR	0.11	NAT	2	4/15-12/15
01N30	GR	2.88	NAT	2	4/15-12/15
01N31Y	GR	0.93	NAT	2	4/15-12/15
01N31YA	GR	0.26	NAT	2	4/15-12/15
01N32	GR	0.92	NAT	2	4/15-12/15
01N32A	GR	0.13	NAT	2	4/15-12/15
01N32Y	GR	0.91	NAT	2	4/15-12/15
01N33	MW	0.73	AGG	2	4/15-12/15
01N33Y	GR	0.29	NAT	2	4/15-12/15
01N34Y	MW	1.07	NAT	1	year round
01N35	MW	0.92	NAT	1	year round
01N36	MW	0.76	NAT	2	4/15-12/15
01N36A	MW	0.50	NAT	2	4/15-12/15
01N37	GR	1.42	NAT	2	4/15-12/15
01N38	MW	0.26	NAT	1	year round
01N39	MW	0.87	NAT	1	year round
01N40	MW	0.22	NAT	1	year round
01N40Y	GR	1.91	AGG	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
01N41	MW	0.52	NAT	2	4/15-12/15
01N42Y	GR	1.12	NAT	2	4/15-12/15
01N42YC	GR	0.39	NAT	2	4/15-12/15
01N43	MW	6.00	AGG	1	year round
01N43A	MW	0.86	NAT	1	year round
01N43B	MW	0.61	NAT	1	year round
01N43C	MW	0.52	NAT	1	year round
01N43D	MW	0.21	NAT	1	year round
01N44	MW	0.52	NAT	1	year round
01N45	GR	1.73	NAT	2	4/15-12/15
01N45Y	GR	0.48	AGG	3	4/15-12/15
01N46	MW	0.92	NAT	1	year round
01N48	MW	0.84	NAT	1	year round
01N48A	MW	0.60	NAT	1	year round
01N48B	MW	0.18	NAT	1	year round
01N49	MW	1.42	NAT	1	year round
01N49	MW	2.78	NAT	2	4/15-12/15
01N49A	MW	0.22	NAT	1	year round
01N49B	MW	0.37	NAT	2	4/15-12/15
01N50	MW	2.70	NAT	2	4/15-12/15
01N50A	MW	0.44	NAT	2	4/15-12/15
01N50C	MW	1.13	NAT	2	4/15-12/15
01N51	MW	0.65	NAT	1	year round
01N53	MW	0.38	NAT	2	4/15-12/15
01N54A	MW	0.10	NAT	1	year round
01N56	MW	3.21	NAT	2	4/15-12/15
01N56A	MW	1.16	NAT	2	4/15-12/15
01N57	MW	2.20	NAT	2	4/15-12/15
01N58	MW	1.95	NAT	2	4/15-12/15
01N58B	MW	0.20	NAT	2	4/15-12/15
01N59	GR	0.19	NAT	2	4/15-12/15
01N60	GR	0.76	NAT	2	4/15-12/15
01N60A	GR	0.35	NAT	2	4/15-12/15
01N61	MW	1.69	NAT	2	4/15-12/15
01N67	MW	1.22	NAT	2	4/15-12/15
01N69	GR	1.14	NAT	2	4/15-12/15
01N70Y	MW	0.74	NAT	2	4/15-12/15
01N70YB	MW	0.19	NAT	2	4/15-12/15
01N74	GR	4.31	NAT	2	4/15-12/15
01N74C	GR	0.33	NAT	2	4/15-12/15
01N76	GR	2.38	NAT	2	4/15-12/15
01N77	MW	1.10	NAT	2	4/15-12/15
01N77A	MW	0.18	NAT	2	4/15-12/15
01N78	MW	0.23	AGG	2	4/15-12/15
01N78	MW	0.28	NAT	2	4/15-12/1
01N78A	MW	0.17	AGG	2	4/15-12/1
01N79	GR	3.34	NAT	2	4/15-12/15
01N79A	GR	0.51	NAT	2	4/15-12/15
01N79B	GR	0.74	NAT	2	4/15-12/15
01N80	GR	1.44	NAT	2	4/15-12/15
01N81	GR	0.72	NAT	2	4/15-12/15
01N82	GR	0.30	AGG	2	4/15-12/15
01N83	GR	1.95	NAT	2	4/15-12/15
01N88	GR	0.63	NAT	2	4/15-12/15
01N89	GR	0.52	NAT	2	4/15-12/15
01N91	GR	0.58	NAT	2	4/15-12/15
01N94	GR	0.55	NAT	2	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
01N94A	GR	0.40	NAT	2	4/15-12/15
01N96	GR	4.94	AGG	2	4/15-12/15
01N96E	GR	0.52	AGG	2	4/15-12/15
01N97	GR	5.01	AGG	3	4/15-12/15
01N98	GR	0.64	NAT	2	4/15-12/15
01S01Y	GR	0.07	NAT	2	4/15-12/15
01S01YB	GR	0.65	NAT	2	4/15-12/15
01S01YC	GR	0.13	NAT	2	4/15-12/15
01S02	GR	7.27	AC	2	4/15-12/15
01S03	GR	1.53	AC	2	year round
01S03	GR	9.75	AGG	2	year round
01S03A	GR	0.63	NAT	2	4/15-12/15
01S04	GR	1.17	AGG	2	4/15-12/15
01S04	GR	1.79	AGG	2	4/15-12/15
01S04A	GR	0.85	NAT	2	4/15-12/15
01S05	GR	4.00	AGG	2	4/15-12/15
01S05Y	GR	1.96	NAT	2	4/15-12/15
01S06	GR	0.70	NAT	1	year round
01S06B	GR	0.11	NAT	1	year round
01S07	GR	0.28	AGG	1	year round
01S07	GR	0.47	IMP	1	year round
01S07	GR	2.01	NAT	1	year round
01S07D	GR	0.53	NAT	1	year round
01S08	GR	1.46	NAT	2	4/15-12/15
01S08Y	GR	1.08	NAT	2	4/15-12/15
01S09	GR	2.03	NAT	2	4/15-12/15
01S10	MW	0.66	NAT	1	year round
01S10A	MW	0.31	NAT	1	year round
01S11	GR	3.11	NAT	2	4/15-12/15
01S11A	GR	0.86	NAT	2	4/15-12/15
01S11C	GR	1.11	NAT	2	4/15-12/15
01S11D	GR	0.98	NAT	2	4/15-12/15
01S11F	GR	0.57	NAT	2	4/15-12/15
01S12	GR	18.47	AGG	2	4/15-12/15
01S12D	GR	0.73	NAT	2	4/15-12/15
01S12E	GR	1.20	NAT	2	4/15-12/15
01S12G	GR	0.77	NAT	2	4/15-12/15
01S12H	GR	0.77	NAT	2	4/15-12/15
01S13	GR	0.70	AGG	2	4/15-12/15
01S13	GR	15.93	NAT	2	4/15-12/15
01S13C	GR	2.00	NAT	2	4/15-12/15
01S13Y	GR	1.22	AGG	2	4/15-12/15
01S14	GR	12.45	NAT	2	4/15-12/15
01S14K	GR	0.17	NAT	2	4/15-12/15
01S14L	GR	0.58	NAT	2	4/15-12/15
01S14M	GR	0.29	NAT	2	4/15-12/15
01S15	GR	1.66	NAT	2	4/15-12/15
01S15	GR	2.51	AGG	2	year round
01S15C	GR	0.57	NAT	2	4/15-12/15
01S15Y	GR	0.13	NAT	2	4/15-12/15
01S16	GR	0.73	NAT	2	4/15-12/15
01S16	GR	1.85	AGG	2	year round
01S16B	GR	0.25	NAT	2	4/15-12/15
01S16Y	GR	1.87	AGG	2	4/15-12/15
01S17	GR	3.02	NAT	1	year round
01S17A	GR	0.56	NAT	1	year round
01S17D	GR	0.20	NAT	1	year round

Route	RD	MI	SUR	SEA	ROD
01S19	GR	2.65	IMP	2	4/15-12/15
01S19A	GR	0.99	NAT	2	4/15-12/15
01S19C	GR	0.24	NAT	2	4/15-12/15
01S19Y	GR	0.47	NAT	2	4/15-12/15
01S20	GR	0.30	NAT	2	4/15-12/15
01S20Y	GR	0.65	NAT	2	4/15-12/15
01S21	GR	0.37	AGG	2	year round
01S21Y	GR	1.61	NAT	2	4/15-12/15
01S22	GR	2.42	NAT	2	4/15-12/15
01S23	GR	3.03	NAT	2	4/15-12/15
01S23C	GR	0.27	NAT	2	4/15-12/15
01S23D	GR	0.34	NAT	2	4/15-12/15
01S23Y	GR	0.67	AC	2	year round
01S24	GR	3.36	AGG	2	4/15-12/15
01S24A	GR	1.07	AGG	2	4/15-12/15
01S25	GR	2.88	AGG	2	4/15-12/15
01S25A	GR	2.37	NAT	2	4/15-12/15
01S25C	GR	0.62	NAT	2	4/15-12/15
01S25D	GR	0.52	NAT	2	4/15-12/15
01S25E	GR	0.24	NAT	2	4/15-12/15
01S25F	GR	0.52	NAT	2	4/15-12/15
01S25Y	GR	0.74	NAT	2	4/15-12/15
01S26	GR	4.94	NAT	2	4/15-12/15
01S26A	GR	0.10	NAT	2	4/15-12/15
01S26C	GR	0.68	NAT	2	4/15-12/15
01S26E	GR	0.20	NAT	2	4/15-12/15
01S27	GR	0.80	NAT	2	4/15-12/15
01S27Y	GR	0.84	NAT	2	4/15-12/15
01S28	GR	0.81	NAT	2	4/15-12/15
01S28Y	GR	0.32	NAT	2	4/15-12/15
01S29	GR	5.22	AGG	2	4/15-12/15
01S29C	GR	0.74	NAT	2	4/15-12/15
01S30	GR	2.03	NAT	2	4/15-12/15
01S30A	GR	0.24	NAT	2	4/15-12/15
01S30B	GR	0.55	NAT	2	4/15-12/15
01S30Y	GR	0.12	AC	2	year round
01S31Y	GR	0.16	NAT	2	year round
01S32	GR	2.08	NAT	2	4/15-12/15
01S32A	GR	0.50	NAT	2	4/15-12/15
01S35Y	GR	1.32	NAT	1	year round
01S35YA	GR	0.39	NAT	1	year round
01S36	GR	1.37	NAT	2	4/15-12/15
01S36B	GR	0.20	NAT	2	4/15-12/15
01S36Y	GR	0.50	NAT	1	year round
01S37	GR	0.91	NAT	1	year round
01S38	GR	0.36	NAT	1	year round
01S38Y	GR	1.15	NAT	1	year round
01S39	GR	0.18	NAT	1	year round
01S39Y	GR	0.89	NAT	2	4/15-12/15
01S39YA	GR	0.10	NAT	2	4/15-12/15
01S39YB	GR	0.38	NAT	2	4/15-12/15
01S40Y	GR	0.51	NAT	1	year round
01S41	GR	1.43	NAT	2	4/15-12/15
01S41A	GR	0.52	NAT	2	4/15-12/15
01S42Y	GR	0.36	NAT	2	4/15-12/15
01S43	GR	0.25	NAT	1	year round
01S45Y	GR	0.39	NAT	2	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
01S46	GR	0.25	NAT	2	4/15-12/15
01S46Y	GR	1.78	NAT	2	4/15-12/15
01S46YB	GR	0.30	NAT	2	4/15-12/15
01S46YC	GR	0.20	NAT	2	4/15-12/15
01S47	GR	0.97	AC	2	year round
01S47A	GR	0.65	AC	2	year round
01S47B	GR	0.06	AC	2	year round
01S48	MW	0.76	NAT	1	year round
01S48Y	GR	0.71	NAT	2	4/15-12/15
01S49	MW	2.35	NAT	1	year round
01S50Y	GR	0.41	NAT	2	4/15-12/15
01S51	GR	2.23	AGG	2	4/15-12/15
01S51A	GR	0.77	NAT	2	4/15-12/15
01S52	GR	0.15	NAT	2	4/15-12/15
01S52Y	GR	0.49	NAT	1	year round
01S53	GR	1.08	NAT	2	4/15-12/15
01S54Y	GR	0.50	NAT	2	4/15-12/15
01S55Y	GR	0.17	AC	1	year round
01S55Y	GR	1.34	NAT	1	year round
01S56Y	GR	0.60	NAT	2	4/15-12/15
01S57	GR	1.96	NAT	2	4/15-12/15
01S57B	GR	1.45	NAT	2	4/15-12/15
01S57Y	GR	0.66	NAT	2	4/15-12/15
01S59	GR	0.87	NAT	2	4/15-12/15
01S60	GR	1.92	AGG	2	4/15-12/15
01S60Y	GR	0.51	NAT	2	4/15-12/15
01S61Y	GR	0.26	NAT	2	4/15-12/15
01S61YA	GR	0.55	NAT	2	4/15-12/15
01S62A	GR	0.39	NAT	2	4/15-12/15
01S63	GR	0.08	NAT	2	4/15-12/15
01S64	GR	1.59	NAT	2	4/15-12/15
01S65Y	GR	0.45	NAT	2	4/15-12/15
01S66	GR	0.00	NAT	2	4/15-12/15
01S66	GR	1.79	AGG	2	4/15-12/15
01S66A	GR	0.33	NAT	2	4/15-12/15
01S66Y	GR	0.49	NAT	2	4/15-12/15
01S67	GR	3.15	NAT	2	4/15-12/15
01S67Y	GR	0.51	AC	2	year round
01S69	GR	1.26	NAT	2	4/15-12/15
01S70	GR	1.10	NAT	2	4/15-12/15
01S70	GR	1.63	AGG	2	4/15-12/15
01S70B	GR	0.42	NAT	2	4/15-12/15
01S71	GR	1.65	NAT	2	4/15-12/15
01S72Y	GR	1.16	NAT	2	4/15-12/15
01S73Y	GR	2.12	NAT	2	4/15-12/15
01S75	GR	1.10	NAT	2	4/15-12/15
01S75A	GR	0.30	NAT	2	4/15-12/15
01S75Y	GR	1.56	NAT	2	4/15-12/15
01S75YA	GR	0.69	NAT	2	4/15-12/15
01S75YB	GR	0.32	NAT	2	4/15-12/15
01S76	GR	1.65	AGG	2	4/15-12/15
01S78	GR	4.04	NAT	2	4/15-12/15
01S78A	GR	0.80	NAT	2	4/15-12/15
01S79	GR	0.12	NAT	2	4/15-12/15
01S80	GR	2.48	NAT	2	4/15-12/15
01S80A	GR	0.55	NAT	2	4/15-12/15
01S80B	GR	0.82	NAT	2	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
01S81	GR	1.90	AGG	2	4/15-12/15
01S81Y	GR	1.00	NAT	1	year round
01S82	GR	1.39	AGG	2	4/15-12/15
01S83	GR	0.67	AGG	2	year round
01S85	GR	1.68	NAT	2	4/15-12/15
01S86	GR	2.76	NAT	2	4/15-12/15
01S86B	GR	0.57	NAT	2	4/15-12/15
01S87	GR	0.66	NAT	2	4/15-12/15
01S87A	GR	0.19	NAT	2	4/15-12/15
01S89	GR	2.13	AGG	2	4/15-12/15
01S90	GR	0.06	AC	2	year round
01S94	GR	0.76	AGG	2	4/15-12/15
01S96	GR	1.51	NAT	2	4/15-12/15
01S96A	GR	0.22	NAT	2	4/15-12/15
01S97	GR	0.90	NAT	2	4/15-12/15
02N01	MW	0.68	AC	2	year round
02N01B	MW	0.43	NAT	2	4/15-12/15
02N03	MW	1.77	NAT	3	4/15-12/15
02N03Y	MW	0.89	NAT	2	4/15-12/15
02N03Y	MW	1.12	AGG	2	4/15-12/15
02N03YA	MW	0.31	NAT	2	4/15-12/15
02N04	GR	1.33	NAT	3	4/15-12/15
02N04Y	MW	0.54	NAT	2	4/15-12/15
02N05	GR	4.63	NAT	3	4/15-12/15
02N05A	GR	2.79	NAT	3	4/15-12/15
02N05Y	MW	0.65	NAT	3	4/15-12/15
02N05YA	MW	0.48	NAT	3	4/15-12/15
02N06	MW	5.16	NAT	3	4/15-12/15
02N06A	MW	0.35	NAT	3	4/15-12/15
02N06B	MW	0.14	NAT	3	4/15-12/15
02N06Y	MW	0.86	NAT	3	4/15-12/15
02N07	MW	1.54	AGG	2	4/15-12/15
02N07	MW	6.64	NAT	2	4/15-12/15
02N07C	MW	0.29	NAT	2	4/15-12/15
02N07D	MW	0.05	NAT	2	4/15-12/15
02N08	MW	1.15	NAT	2	4/15-12/15
02N08A	MW	0.29	NAT	2	4/15-12/15
02N08Y	GR	1.75	NAT	3	4/15-12/15
02N08Y	GR	6.78	AC	3	4/15-12/15
02N08YA	GR	0.35	NAT	3	4/15-12/15
02N08YB	GR	0.42	NAT	3	4/15-12/15
02N08YD	GR	1.22	NAT	3	4/15-12/15
02N09	MW	0.16	NAT	1	year round
02N09	MW	4.05	AGG	1	year round
02N09A	MW	0.36	AGG	1	year round
02N09D	MW	0.29	NAT	1	year round
02N10	MW	1.17	AGG	2	4/15-12/15
02N10	MW	4.61	NAT	2	4/15-12/15
02N10Y	GR	5.11	NAT	2	4/15-12/15
02N11	MW	2.60	AGG	2	year round
02N11	MW	3.32	NAT	1	year round
02N11	MW	4.73	NAT	2	4/15-12/15
02N11	MW	4.76	AGG	1	year round
02N11A	MW	0.28	NAT	2	4/15-12/15
02N11C	MW	0.41	NAT	2	4/15-12/15
02N11D	MW	0.33	NAT	1	year round
02N11F	MW	1.00	NAT	1	year round

Route	RD	MI	SUR	SEA	ROD
02N12	GR	0.84	AGG	3	4/15-12/15
02N13	MW	2.27	AGG	2	4/15-12/15
02N13A	MW	0.54	NAT	2	4/15-12/15
02N13Y	MW	1.11	AGG	1	year round
02N14	MW	3.49	AGG	3	4/15-12/15
02N14	GR	5.54	AGG	3	4/15-12/15
02N14Y	MW	1.92	NAT	3	4/15-12/15
02N14YA	MW	0.53	NAT	3	4/15-12/15
02N15	GR	1.75	NAT	3	4/15-12/15
02N16	GR	1.75	NAT	3	4/15-12/15
02N16A	GR	0.42	NAT	3	4/15-12/15
02N17	MW	1.81	NAT	3	4/15-12/15
02N18	GR	1.47	NAT	3	4/15-12/15
02N20	MW	1.44	NAT	3	4/15-12/15
02N20A	MW	0.26	NAT	3	4/15-12/15
02N22	GR	2.27	AC	3	year round
02N22A	GR	0.76	IMP	3	4/15-12/15
02N23	GR	0.96	NAT	3	4/15-12/15
02N24	GR	3.28	AGG	3	4/15-12/15
02N26	MW	0.47	AC	2	4/15-12/15
02N26	MW	0.80	NAT	2	4/15-12/15
02N28	MW	0.01	NAT	3	4/15-12/15
02N28	MW	2.26	NAT	2	4/15-12/15
02N29	MW	6.68	NAT	3	4/15-12/15
02N29A	MW	0.57	NAT	3	4/15-12/15
02N29Y	MW	0.95	NAT	3	4/15-12/15
02N31	MW	0.95	NAT	3	4/15-12/15
02N31Y	MW	0.72	NAT	3	4/15-12/15
02N31YA	MW	0.52	NAT	3	4/15-12/15
02N32	MW	2.80	AGG	3	4/15-12/15
02N32Y	MW	0.03	NAT	2	4/15-12/15
02N33	MW	1.14	NAT	3	4/15-12/15
02N34	MW	2.63	AGG	2	4/15-12/15
02N34A	MW	0.84	NAT	2	4/15-12/15
02N34B	MW	0.56	NAT	2	4/15-12/15
02N34C	MW	0.47	NAT	2	4/15-12/15
02N39	MW	0.86	NAT	2	4/15-12/15
02N39A	MW	0.71	NAT	2	4/15-12/15
02N40	GR	3.01	NAT	3	4/15-12/15
02N41	GR	0.40	NAT	3	4/15-12/15
02N42	MW	0.98	NAT	3	4/15-12/15
02N43	MW	2.07	NAT	3	4/15-12/15
02N44	MW	3.25	IMP	2	year round
02N44A	MW	0.08	NAT	2	4/15-12/15
02N45	MW	0.40	NAT	3	4/15-12/15
02N47	MW	1.72	NAT	2	4/15-12/15
02N47A	MW	0.32	NAT	2	4/15-12/15
02N48	MW	1.50	NAT	2	4/15-12/15
02N48A	MW	0.53	NAT	2	4/15-12/15
02N49	MW	0.22	NAT	2	4/15-12/15
02N49	MW	1.47	NAT	3	4/15-12/15
02N49A	MW	0.50	NAT	3	4/15-12/15
02N49A	MW	0.79	NAT	2	4/15-12/15
02N50	MW	0.99	NAT	3	4/15-12/15
02N52	MW	1.69	NAT	3	4/15-12/15
02N53	MW	1.70	NAT	3	4/15-12/15
02N53A	MW	0.35	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
02N54	MW	6.04	NAT	3	4/15-12/15
02N55	MW	2.02	NAT	3	4/15-12/15
02N56	GR	3.39	NAT	3	4/15-12/15
02N57	GR	0.29	NAT	3	4/15-12/15
02N57A	GR	0.08	NAT	3	4/15-12/15
02N58	MW	0.90	NAT	3	4/15-12/15
02N58	GR	1.08	NAT	3	4/15-12/15
02N58B	MW	0.11	NAT	3	4/15-12/15
02N58C	MW	0.20	NAT	3	4/15-12/15
02N59	GR	1.79	NAT	3	4/15-12/15
02N60	GR	1.32	NAT	3	4/15-12/15
02N62	MW	2.69	NAT	3	4/15-12/15
02N63A	MW	0.08	NAT	2	4/15-12/15
02N63B	MW	0.15	NAT	2	4/15-12/15
02N64	GR	0.71	NAT	3	4/15-12/15
02N65	GR	0.45	NAT	3	4/15-12/15
02N66	GR	2.94	NAT	3	4/15-12/15
02N69	GR	0.08	NAT	3	4/15-12/15
02N71	MW	0.53	AGG	3	4/15-12/15
02N75	MW	0.82	NAT	1	year round
02N75A	MW	0.30	NAT	1	year round
02N76	GR	1.49	NAT	3	4/15-12/15
02N77Y	GR	0.54	NAT	3	4/15-12/15
02N78	GR	0.60	AC	3	4/15-12/15
02N78	GR	1.42	NAT	3	4/15-12/15
02N80	GR	2.16	AC	3	4/15-12/15
02N81	MW	2.08	NAT	3	4/15-12/15
02N81A	MW	0.18	NAT	3	4/15-12/15
02N82	GR	1.35	NAT	3	4/15-12/15
02N84	GR	0.62	AGG	3	4/15-12/15
02N85	MW	1.33	NAT	3	4/15-12/15
02N88	MW	1.35	AGG	1	year round
02N88A	MW	0.28	NAT	1	year round
02N89	GR	2.01	AC	3	4/15-12/15
02N91	MW	0.31	NAT	2	4/15-12/15
02N93	MW	0.65	NAT	2	4/15-12/15
02N93A	MW	0.53	NAT	2	4/15-12/15
02N94	GR	2.03	AGG	3	4/15-12/15
02N95	GR	1.28	AC	3	4/15-12/15
02N98Y	MW	1.45	NAT	3	4/15-12/15
02S01	GR	1.26	AGG	2	4/15-12/15
02S01	GR	13.61	NAT	2	4/15-12/15
02S01A	GR	0.92	NAT	2	4/15-12/15
02S01C	GR	0.39	NAT	2	4/15-12/15
02S01G	GR	0.38	NAT	2	4/15-12/15
02S02	GR	0.00	AGG	1	year round
02S02	GR	13.65	AGG	2	year round
02S02C	GR	0.30	NAT	2	4/15-12/15
02S03	GR	0.00	NAT	1	year round
02S03	GR	10.60	NAT	2	4/15-12/15
02S03Y	GR	1.37	NAT	2	4/15-12/15
02S04Y	GR	0.37	NAT	1	year round
02S04YA	GR	0.44	NAT	1	year round
02S05	GR	1.26	NAT	1	year round
02S06	GR	1.73	NAT	2	4/15-12/15
02S07	GR	2.88	NAT	2	4/15-12/15
02S07Y	GR	1.45	NAT	2	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
02S08	GR	3.58	NAT	1	year round
02S09	GR	3.75	NAT	2	4/15-12/15
02S09Y	GR	1.12	NAT	1	year round
02S11	GR	3.78	NAT	1	year round
02S11Y	GR	0.76	NAT	2	4/15-12/15
02S12	GR	1.33	NAT	2	4/15-12/15
02S12Y	GR	0.45	NAT	2	4/15-12/15
02S12YA	GR	0.28	NAT	2	4/15-12/15
02S13	GR	0.91	IMP	2	4/15-12/15
02S13	GR	2.75	AGG	2	4/15-12/15
02S13C	GR	0.25	NAT	2	4/15-12/15
02S13F	GR	0.72	NAT	2	4/15-12/15
02S14	GR	1.22	NAT	2	4/15-12/15
02S15Y	GR	1.01	NAT	2	4/15-12/15
02S16	GR	2.54	NAT	2	4/15-12/15
02S16Y	GR	0.18	AGG	2	year round
02S17	GR	0.02	AGG	2	4/15-12/15
02S17Y	GR	1.26	NAT	2	4/15-12/15
02S18	GR	0.21	AC	1	year round
02S18	GR	2.68	NAT	1	year round
02S18A	GR	0.55	NAT	1	year round
02S18Y	GR	1.51	NAT	2	4/15-12/15
02S19	GR	0.01	NAT	1	year round
02S19Y	GR	1.70	NAT	2	4/15-12/15
02S19YA	GR	0.51	NAT	2	4/15-12/15
02S19YB	GR	0.31	NAT	2	4/15-12/15
02S20	GR	9.87	NAT	2	4/15-12/15
02S20C	GR	0.37	NAT	2	4/15-12/15
02S20D	GR	0.79	NAT	2	4/15-12/15
02S21	GR	5.14	NAT	1	year round
02S21Y	GR	1.83	NAT	2	4/15-12/15
02S22Y	GR	1.15	NAT	1	year round
02S23	GR	3.09	NAT	1	year round
02S23Y	GR	2.18	NAT	2	4/15-12/15
02S23YA	GR	0.73	NAT	2	4/15-12/15
02S24	GR	0.47	NAT	2	4/15-12/15
02S24Y	GR	0.32	NAT	2	4/15-12/15
02S25	GR	3.43	NAT	2	4/15-12/15
02S27	GR	0.40	IMP	2	4/15-12/15
02S27	GR	7.56	NAT	2	4/15-12/15
02S27A	GR	0.64	NAT	2	4/15-12/15
02S27B	GR	0.90	NAT	2	4/15-12/15
02S27C	GR	0.31	NAT	2	4/15-12/15
02S28	GR	2.75	NAT	2	4/15-12/15
02S28A	GR	0.44	NAT	2	4/15-12/15
02S28B	GR	0.36	NAT	2	4/15-12/15
02S30	GR	8.61	BST	2	4/15-12/15
02S30A	GR	0.18	NAT	2	4/15-12/15
02S30B	GR	0.33	NAT	2	4/15-12/15
02S30C	GR	0.57	NAT	2	4/15-12/15
02S30E	GR	0.46	NAT	2	4/15-12/15
02S31Y	GR	1.22	NAT	2	4/15-12/15
02S31YA	GR	0.39	NAT	2	4/15-12/15
02S31YB	GR	0.25	NAT	2	4/15-12/15
02S32	GR	2.10	AGG	2	4/15-12/15
02S33	GR	3.30	NAT	2	4/15-12/15
02S33B	GR	0.24	NAT	2	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
02S34	GR	0.21	NAT	1	year round
02S35	GR	0.29	NAT	1	year round
02S37	GR	1.60	NAT	1	year round
02S37Y	GR	2.12	NAT	2	4/15-12/15
02S37YB	GR	0.74	NAT	2	4/15-12/15
02S38Y	GR	0.38	NAT	2	4/15-12/15
02S39	GR	1.51	NAT	2	4/15-12/15
02S39A	GR	0.43	NAT	2	4/15-12/15
02S39B	GR	0.85	NAT	2	4/15-12/15
02S40	GR	1.36	NAT	2	4/15-12/15
02S41	GR	1.60	NAT	2	4/15-12/15
02S43	GR	1.40	NAT	1	year round
02S44	GR	1.49	NAT	1	year round
02S45	GR	1.19	NAT	1	year round
02S47	GR	0.27	NAT	1	year round
02S50	GR	0.21	NAT	2	4/15-12/15
02S50Y	GR	0.73	NAT	2	4/15-12/15
02S51Y	GR	1.90	NAT	2	4/15-12/15
02S51YA	GR	0.55	NAT	2	4/15-12/15
02S52	GR	0.34	NAT	1	year round
02S53	GR	1.08	NAT	1	year round
02S53A	GR	0.09	NAT	1	year round
02S56	GR	1.13	NAT	1	year round
02S56A	GR	0.21	NAT	1	year round
02S58	GR	0.20	NAT	1	year round
02S59	GR	0.80	NAT	1	year round
02S60	GR	1.93	NAT	2	4/15-12/15
02S60B	GR	0.51	NAT	2	4/15-12/15
02S60C	GR	0.21	NAT	2	4/15-12/15
02S62	GR	5.51	NAT	2	4/15-12/15
02S62B	GR	0.66	NAT	2	4/15-12/15
02S64	GR	1.61	AGG	2	4/15-12/15
02S64C	GR	0.73	NAT	2	4/15-12/15
02S65	GR	3.37	NAT	2	4/15-12/15
02S66	GR	3.26	NAT	2	4/15-12/15
02S66Y	GR	1.82	NAT	2	4/15-12/15
02S66YA	GR	0.09	NAT	2	4/15-12/15
02S67	GR	0.38	NAT	2	4/15-12/15
02S68	GR	1.81	NAT	2	4/15-12/15
02S70	GR	1.31	NAT	2	4/15-12/15
02S70A	GR	0.58	NAT	2	4/15-12/15
02S71	GR	2.27	NAT	2	4/15-12/15
02S72	GR	0.46	NAT	2	4/15-12/15
02S79	GR	2.68	AGG	2	4/15-12/15
02S82	GR	0.34	NAT	2	4/15-12/15
02S83	GR	1.82	NAT	2	4/15-12/15
02S83B	GR	0.38	NAT	2	4/15-12/15
02S84	GR	0.50	NAT	2	4/15-12/15
02S86	GR	0.08	NAT	1	year round
02S88	GR	2.38	NAT	2	4/15-12/15
02S89	GR	4.95	NAT	2	4/15-12/15
02S90	GR	0.05	NAT	2	4/15-12/15
02S91	GR	2.09	NAT	2	4/15-12/15
02S91A	GR	0.73	AGG	2	4/15-12/15
02S92	GR	1.30	IMP	2	4/15-12/15
02S93	GR	2.52	NAT	2	4/15-12/15
02S93C	GR	0.36	NAT	2	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
02S96	GR	0.30	AGG	2	4/15-12/15
02S97	GR	0.40	NAT	2	4/15-12/15
02S97	GR	0.62	AGG	2	4/15-12/15
03N01	GR	2.24	AGG	3	year round
03N01	GR	7.92	AC	3	year round
03N01	MW	8.45	AC	3	4/15-12/15
03N01	GR	10.44	AC	2	year round
03N01	MW	16.51	AGG	3	4/15-12/15
03N01B	MW	1.51	NAT	3	4/15-12/15
03N01C	GR	0.11	NAT	2	4/15-12/15
03N01D	MW	0.15	NAT	3	4/15-12/15
03N01G	GR	1.02	NAT	3	4/15-12/15
03N01H	MW	0.95	AGG	3	4/15-12/15
03N01J	MW	0.81	AGG	3	4/15-12/15
03N01L	MW	0.38	NAT	3	4/15-12/15
03N01M	MW	0.63	NAT	3	4/15-12/15
03N01N	GR	0.37	NAT	2	4/15-12/15
03N01P	GR	1.05	NAT	2	4/15-12/15
03N01Q	GR	0.20	NAT	2	4/15-12/15
03N01S	GR	0.31	NAT	3	4/15-12/15
03N01T	GR	0.45	NAT	3	4/15-12/15
03N01U	MW	0.07	NAT	3	4/15-12/15
03N01Y	MW	1.69	NAT	2	4/15-12/15
03N02	MW	1.93	NAT	2	4/15-12/15
03N03	MW	3.51	NAT	1	year round
03N03B	MW	0.77	NAT	1	year round
03N03C	MW	0.21	NAT	1	year round
03N03Y	MW	1.37	NAT	3	4/15-12/15
03N04	MW	0.09	NAT	1	year round
03N05	MW	2.86	NAT	2	4/15-12/15
03N06Y	MW	0.91	NAT	2	4/15-12/15
03N07	MW	0.56	AGG	2	4/15-12/15
03N07	MW	3.96	NAT	2	4/15-12/15
03N07	MW	4.89	AGG	3	4/15-12/15
03N07C	MW	0.73	NAT	3	4/15-12/15
03N07E	MW	0.69	NAT	2	4/15-12/15
03N08	MW	6.79	NAT	3	4/15-12/15
03N08Y	MW	0.48	NAT	3	4/15-12/15
03N09	MW	4.11	NAT	3	4/15-12/15
03N09A	MW	1.21	NAT	3	4/15-12/15
03N09Y	MW	0.89	NAT	2	4/15-12/15
03N09YA	MW	0.33	NAT	2	4/15-12/15
03N10	MW	6.76	AGG	3	4/15-12/15
03N10A	MW	1.34	NAT	3	4/15-12/15
03N10B	MW	0.39	NAT	3	4/15-12/15
03N10Y	MW	0.57	NAT	2	4/15-12/15
03N10YA	MW	0.19	NAT	2	4/15-12/15
03N11	MW	6.61	NAT	1	year round
03N11A	MW	1.10	NAT	2	4/15-12/15
03N11B	MW	0.00	NAT	2	4/15-12/15
03N11B	MW	0.31	NAT	1	year round
03N11C	MW	0.21	NAT	2	4/15-12/15
03N11Y	MW	0.41	AGG	3	4/15-12/15
03N12	MW	3.28	NAT	1	year round
03N12A	MW	1.11	NAT	1	year round
03N12B	MW	1.04	NAT	1	year round
03N12Y	MW	1.69	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
03N12YA	MW	0.38	NAT	3	4/15-12/15
03N12YB	MW	0.88	NAT	3	4/15-12/15
03N12YC	MW	0.34	NAT	3	4/15-12/15
03N14	MW	1.52	AGG	2	4/15-12/15
03N14Y	MW	0.81	NAT	3	4/15-12/15
03N15	MW	3.56	NAT	1	year round
03N15Y	MW	1.13	NAT	2	4/15-12/15
03N16	MW	6.19	AGG	3	4/15-12/15
03N16Y	MW	1.50	NAT	3	4/15-12/15
03N17	MW	4.89	NAT	3	4/15-12/15
03N17B	MW	0.51	NAT	3	4/15-12/15
03N17Y	MW	1.30	NAT	3	4/15-12/15
03N18	MW	2.57	NAT	3	4/15-12/15
03N18Y	MW	0.33	NAT	3	4/15-12/15
03N19	MW	0.09	AC	3	4/15-12/15
03N20	MW	7.49	NAT	3	4/15-12/15
03N20A	MW	1.11	NAT	3	4/15-12/15
03N20Y	MW	2.85	AGG	3	4/15-12/15
03N20YB	MW	0.11	NAT	3	4/15-12/15
03N20YC	MW	0.81	NAT	3	4/15-12/15
03N20YD	MW	1.33	NAT	3	4/15-12/15
03N21	MW	7.97	NAT	3	4/15-12/15
03N21B	MW	0.67	NAT	3	4/15-12/15
03N21Y	MW	2.57	NAT	3	4/15-12/15
03N21YA	MW	0.44	NAT	3	4/15-12/15
03N22	MW	1.85	AGG	3	4/15-12/15
03N22A	MW	1.32	NAT	3	4/15-12/15
03N22Y	MW	0.60	NAT	3	4/15-12/15
03N23	MW	0.78	NAT	3	4/15-12/15
03N23Y	MW	1.61	NAT	3	4/15-12/15
03N24	MW	4.87	AGG	2	year round
03N24D	MW	0.29	NAT	2	4/15-12/15
03N25	MW	1.43	NAT	3	4/15-12/15
03N26	MW	3.90	NAT	3	4/15-12/15
03N26A	MW	0.45	NAT	3	4/15-12/15
03N26C	MW	0.30	NAT	3	4/15-12/15
03N26Y	MW	1.37	NAT	3	4/15-12/15
03N26YA	MW	0.11	NAT	3	4/15-12/15
03N26YA	MW	1.02	NAT	3	4/15-12/15
03N26YB	MW	0.23	NAT	3	4/15-12/15
03N26YB	MW	0.28	NAT	3	4/15-12/15
03N27	MW	4.44	NAT	3	4/15-12/15
03N27A	MW	1.03	NAT	3	4/15-12/15
03N27B	MW	0.34	NAT	3	4/15-12/15
03N27C	MW	2.71	NAT	3	4/15-12/15
03N27Y	MW	1.20	NAT	3	4/15-12/15
03N27YA	MW	0.40	NAT	3	4/15-12/15
03N28	MW	2.25	NAT	3	4/15-12/15
03N28Y	MW	1.18	NAT	3	4/15-12/15
03N28YA	MW	0.71	NAT	3	4/15-12/15
03N29	MW	9.69	NAT	3	4/15-12/15
03N29A	MW	0.70	NAT	3	4/15-12/15
03N29B	MW	0.64	NAT	3	4/15-12/15
03N29C	MW	1.05	NAT	3	4/15-12/15
03N29D	MW	0.34	NAT	3	4/15-12/15
03N29F	MW	0.40	NAT	3	4/15-12/15
03N30	MW	4.41	NAT	2	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
03N32	MW	1.68	AGG	2	4/15-12/15
03N32Y	MW	2.18	NAT	3	4/15-12/15
03N32YA	MW	0.28	NAT	3	4/15-12/15
03N33	MW	0.59	NAT	2	4/15-12/15
03N33A	MW	0.07	NAT	2	4/15-12/15
03N33Y	MW	0.70	NAT	3	4/15-12/15
03N34	MW	1.63	NAT	2	4/15-12/15
03N34A	MW	0.27	NAT	2	4/15-12/15
03N34Y	MW	0.75	NAT	3	4/15-12/15
03N34Y	MW	3.21	AGG	3	4/15-12/15
03N35	MW	1.90	NAT	2	4/15-12/15
03N36	MW	1.00	NAT	3	4/15-12/15
03N37Y	MW	1.84	NAT	3	4/15-12/15
03N38	MW	0.04	NAT	1	year round
03N38Y	MW	0.63	NAT	3	4/15-12/15
03N38YA	MW	0.12	NAT	3	4/15-12/15
03N39	MW	3.15	NAT	2	4/15-12/15
03N39Y	MW	2.35	NAT	3	4/15-12/15
03N40	MW	0.23	NAT	3	4/15-12/15
03N41	MW	1.68	NAT	2	4/15-12/15
03N41Y	MW	0.47	AC	2	4/15-12/15
03N42	MW	0.65	NAT	3	4/15-12/15
03N42A	MW	0.18	NAT	3	4/15-12/15
03N42Y	MW	1.20	NAT	3	4/15-12/15
03N42YA	MW	0.75	NAT	3	4/15-12/15
03N42YB	MW	0.29	NAT	3	4/15-12/15
03N43	MW	0.84	NAT	3	4/15-12/15
03N43Y	MW	0.16	NAT	3	4/15-12/15
03N44	MW	1.62	NAT	1	year round
03N44Y	MW	1.94	NAT	2	4/15-12/15
03N45	MW	0.19	NAT	1	year round
03N45Y	MW	1.51	NAT	3	4/15-12/15
03N45YA	MW	0.54	NAT	3	4/15-12/15
03N46	MW	0.70	NAT	1	year round
03N46Y	MW	0.80	NAT	3	4/15-12/15
03N47Y	MW	1.78	NAT	3	4/15-12/15
03N48	MW	0.77	NAT	3	4/15-12/15
03N48	MW	2.30	AGG	3	4/15-12/15
03N48A	MW	0.53	NAT	3	4/15-12/15
03N48B	MW	0.80	NAT	3	4/15-12/15
03N48Y	MW	0.75	NAT	3	4/15-12/15
03N49	MW	1.19	NAT	3	4/15-12/15
03N49A	MW	0.41	NAT	3	4/15-12/15
03N49B	MW	0.11	NAT	3	4/15-12/15
03N50	MW	2.96	NAT	2	4/15-12/15
03N50Y	MW	1.31	NAT	3	4/15-12/15
03N50YA	MW	0.76	NAT	3	4/15-12/15
03N51Y	MW	0.58	NAT	2	4/15-12/15
03N51YA	MW	0.38	NAT	2	4/15-12/15
03N51YB	MW	0.66	NAT	2	4/15-12/15
03N52	MW	0.22	NAT	2	4/15-12/15
03N52Y	MW	0.99	NAT	3	4/15-12/15
03N53	MW	0.50	NAT	2	4/15-12/15
03N53Y	MW	0.57	NAT	3	4/15-12/15
03N55Y	MW	0.58	NAT	3	4/15-12/15
03N56Y	MW	1.42	AGG	3	4/15-12/15
03N56YA	MW	0.62	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
03N57	MW	0.84	NAT	2	4/15-12/15
03N57A	MW	0.54	NAT	2	4/15-12/15
03N58	MW	0.29	NAT	2	4/15-12/15
03N58	MW	3.75	NAT	2	4/15-12/15
03N59	MW	0.52	NAT	3	4/15-12/15
03N59Y	MW	1.18	AGG	2	4/15-12/15
03N59YA	MW	0.55	AGG	2	4/15-12/15
03N60	MW	1.33	NAT	3	4/15-12/15
03N60	MW	1.89	AGG	3	4/15-12/15
03N60A	MW	0.13	NAT	3	4/15-12/15
03N60B	MW	0.52	NAT	3	4/15-12/15
03N60C	MW	0.71	NAT	3	4/15-12/15
03N60D	MW	0.19	NAT	3	4/15-12/15
03N61	MW	0.75	NAT	3	4/15-12/15
03N61A	MW	0.10	NAT	3	4/15-12/15
03N62	MW	1.16	NAT	2	4/15-12/15
03N63	MW	1.26	NAT	2	4/15-12/15
03N64	MW	0.72	NAT	3	4/15-12/15
03N64A	MW	0.09	NAT	3	4/15-12/15
03N67	MW	0.34	NAT	2	4/15-12/15
03N68	MW	1.70	NAT	2	4/15-12/15
03N68Y	MW	0.88	NAT	1	year round
03N69	MW	1.38	AGG	2	4/15-12/15
03N69	MW	3.83	NAT	2	4/15-12/15
03N69A	MW	0.61	NAT	2	4/15-12/15
03N69Y	MW	0.47	NAT	1	year round
03N70	MW	0.06	NAT	3	4/15-12/15
03N70A	MW	0.13	NAT	3	4/15-12/15
03N71	MW	0.01	NAT	3	4/15-12/15
03N71	MW	0.71	NAT	2	4/15-12/15
03N71Y	MW	1.58	NAT	2	4/15-12/15
03N72	MW	1.43	NAT	3	4/15-12/15
03N72Y	MW	0.81	AGG	2	4/15-12/15
03N72YA	MW	0.35	AGG	2	4/15-12/15
03N73	MW	2.05	NAT	2	4/15-12/15
03N73B	MW	0.30	NAT	2	4/15-12/15
03N75Y	MW	0.32	NAT	3	4/15-12/15
03N76Y	MW	0.77	NAT	3	4/15-12/15
03N77	MW	0.56	AGG	3	year round
03N78	MW	0.20	NAT	3	4/15-12/15
03N79	MW	1.12	NAT	3	4/15-12/15
03N80	MW	0.01	NAT	3	4/15-12/15
03N80Y	MW	0.13	AC	3	year round
03N83	MW	5.40	AGG	3	4/15-12/15
03N83A	MW	0.95	NAT	3	4/15-12/15
03N83B	MW	0.59	NAT	3	4/15-12/15
03N83C	MW	1.99	NAT	3	4/15-12/15
03N84	MW	0.47	NAT	3	4/15-12/15
03N86	MW	0.33	NAT	3	4/15-12/15
03N86	MW	3.79	AGG	3	4/15-12/15
03N87	MW	2.23	NAT	3	4/15-12/15
03N89	MW	0.72	NAT	3	4/15-12/15
03N90	MW	3.77	AGG	3	4/15-12/15
03N91	MW	0.12	NAT	3	4/15-12/15
03N91	MW	0.28	NAT	2	4/15-12/15
03N92	MW	1.18	AGG	3	year round
03N93	MW	0.91	AGG	3	year round

Route	RD	MI	SUR	SEA	ROD
03N94	MW	2.89	NAT	3	4/15-12/15
03N95	MW	1.12	NAT	3	4/15-12/15
03N95A	MW	0.56	NAT	3	4/15-12/15
03N96	MW	5.18	AGG	3	4/15-12/15
03N99	MW	2.52	AGG	2	year round
03S01	GR	2.74	NAT	2	4/15-12/15
03S02	GR	6.39	NAT	1	year round
03S03	GR	1.21	NAT	1	year round
03S04	GR	0.97	NAT	2	4/15-12/15
03S10	GR	2.52	NAT	1	year round
03S10A	GR	1.12	NAT	1	year round
03S15	GR	1.85	NAT	1	year round
03S24	GR	0.08	AGG	2	year round
04N01	MW	0.91	AGG	1	year round
04N01	MW	2.32	NAT	1	year round
04N01	MW	3.05	AC	2	4/15-12/15
04N01	MW	5.33	NAT	2	4/15-12/15
04N01	MW	6.88	AGG	2	4/15-12/15
04N01A	MW	0.31	NAT	2	4/15-12/15
04N01B	MW	0.58	NAT	2	4/15-12/15
04N01C	MW	0.07	NAT	2	4/15-12/15
04N01E	MW	0.29	NAT	2	4/15-12/15
04N01Y	MW	0.59	NAT	2	4/15-12/15
04N02	MW	1.40	AGG	2	year round
04N02	MW	4.05	NAT	2	4/15-12/15
04N02A	MW	0.49	NAT	2	4/15-12/15
04N02Y	SU	1.85	NAT	3	4/15-12/15
04N03	CAL	0.01	NAT	3	4/15-12/15
04N03Y	MW	1.95	AGG	2	4/15-12/15
04N03YA	MW	0.97	NAT	2	4/15-12/15
04N04	MW	0.64	NAT	1	year round
04N04	MW	2.29	AGG	1	year round
04N04A	MW	0.77	NAT	1	year round
04N04C	MW	1.10	NAT	1	year round
04N04Y	CAL	0.05	NAT	3	4/15-12/15
04N05	MW	1.73	NAT	1	year round
04N05Y	MW	1.14	NAT	2	4/15-12/15
04N06	CAL	0.24	NAT	3	4/15-12/15
04N06Y	SU	0.48	AC	3	4/15-12/15
04N06YA	SU	0.07	NAT	3	4/15-12/15
04N07	CAL	0.64	NAT	3	4/15-12/15
04N07Y	MW	1.35	NAT	2	4/15-12/15
04N08Y	MW	1.54	NAT	2	4/15-12/15
04N09	MW	0.66	NAT	3	4/15-12/15
04N09	MW	1.54	BST	3	4/15-12/15
04N09	MW	4.17	NAT	3	4/15-12/15
04N09B	MW	0.35	NAT	3	4/15-12/15
04N09Y	MW	0.42	NAT	2	4/15-12/15
04N10	SU	2.42	NAT	3	4/15-12/15
04N10A	SU	0.82	NAT	3	4/15-12/15
04N10B	SU	0.65	NAT	3	4/15-12/15
04N10Y	MW	0.44	AGG	3	4/15-12/15
04N11	SU	2.38	AGG	3	4/15-12/15
04N11	MW	4.94	NAT	3	4/15-12/15
04N11X	CAL	0.12	AC	2	year round
04N11X	CAL	0.14	NAT	2	4/15-12/15
04N12	SU	5.42	AC	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
04N12	SU	13.95	NAT	3	4/15-12/15
04N12C	SU	0.47	NAT	3	4/15-12/15
04N12F	SU	0.22	NAT	3	4/15-12/15
04N12H	SU	1.30	NAT	3	4/15-12/15
04N12Q	SU	0.17	NAT	3	4/15-12/15
04N13	MW	0.26	AC	2	4/15-12/15
04N13	SU	0.34	AC	2	4/15-12/15
04N13	MW	1.02	NAT	2	4/15-12/15
04N13	SU	2.08	NAT	2	4/15-12/15
04N14	SU	2.07	NAT	2	4/15-12/15
04N14	MW	2.46	NAT	2	4/15-12/15
04N15	MW	0.21	AGG	2	4/15-12/15
04N15	MW	2.15	NAT	2	4/15-12/15
04N15Y	MW	0.48	NAT	1	year round
04N16	MW	9.66	AGG	2	4/15-12/15
04N16Y	MW	0.62	NAT	1	year round
04N16YA	MW	0.28	NAT	1	year round
04N17	MW	0.37	AC	2	4/15-12/15
04N17	MW	6.52	NAT	2	4/15-12/15
04N17A	MW	0.18	NAT	2	4/15-12/15
04N17G	MW	0.62	AGG	2	4/15-12/15
04N17Y	MW	0.95	NAT	3	4/15-12/15
04N18	MW	3.42	NAT	2	4/15-12/15
04N18C	MW	0.40	NAT	2	4/15-12/15
04N18Y	SU	2.98	NAT	3	4/15-12/15
04N18YD	SU	0.63	NAT	3	4/15-12/15
04N20	SU	0.10	AC	3	year round
04N203B	SU	0.04	AC	3	year round
04N20A	SU	0.15	AC	3	year round
04N20Y	MW	1.17	NAT	1	year round
04N22	SU	2.39	AC	3	4/15-12/15
04N23	SU	1.25	AC	3	4/15-12/15
04N24	SU	0.30	NAT	3	4/15-12/15
04N25	SU	1.51	AGG	3	4/15-12/15
04N25	MW	3.74	AGG	3	4/15-12/15
04N25A	SU	0.27	NAT	3	4/15-12/15
04N26	SU	0.78	NAT	3	4/15-12/15
04N26	SU	2.77	NAT	3	4/15-12/15
04N26	SU	6.57	AC	3	4/15-12/15
04N26B	SU	0.78	NAT	3	4/15-12/15
04N26C	SU	0.35	NAT	3	4/15-12/15
04N27	SU	1.33	NAT	3	4/15-12/15
04N27Y	SU	0.33	NAT	2	4/15-12/15
04N27Y	SU	0.51	NAT	3	4/15-12/15
04N28Y	SU	1.20	NAT	3	4/15-12/15
04N28YB	SU	0.39	NAT	3	4/15-12/15
04N29	SU	1.84	AC	3	4/15-12/15
04N31	SU	0.84	NAT	3	4/15-12/15
04N31A	SU	0.36	NAT	3	4/15-12/15
04N32	SU	0.60	AGG	3	4/15-12/15
04N32	MW	1.99	AGG	3	4/15-12/15
04N32A	MW	0.88	NAT	3	4/15-12/15
04N32C	MW	0.42	NAT	3	4/15-12/15
04N33	SU	1.75	BST	3	4/15-12/15
04N33	MW	7.35	NAT	3	4/15-12/15
04N33A	MW	1.14	NAT	3	4/15-12/15
04N33B	MW	1.74	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
04N33C	MW	1.42	NAT	3	4/15-12/15
04N33Y	SU	1.42	NAT	3	4/15-12/15
04N34	SU	5.91	NAT	3	4/15-12/15
04N34B	SU	0.19	NAT	3	4/15-12/15
04N34Y	SU	0.02	NAT	3	4/15-12/15
04N34Y	SU	0.40	NAT	3	4/15-12/15
04N35A	SU	0.38	AC	3	year round
04N35Y	MW	0.49	NAT	2	4/15-12/15
04N35Y	SU	2.04	NAT	2	4/15-12/15
04N38	CAL	2.64	AC	3	year round
04N38	CAL	3.10	AGG	3	year round
04N38Y	SU	1.12	NAT	3	4/15-12/15
04N39	SU	0.93	NAT	2	4/15-12/15
04N40	CAL	0.82	NAT	2	4/15-12/15
04N41Y	CAL	0.12	AGG	2	year round
04N42	MW	1.07	NAT	2	4/15-12/15
04N44	CAL	0.22	NAT	3	4/15-12/15
04N47	SU	4.02	NAT	3	4/15-12/15
04N47D	SU	0.19	NAT	3	4/15-12/15
04N47Y	SU	1.76	NAT	3	4/15-12/15
04N48Y	SU	0.22	NAT	3	4/15-12/15
04N49Y	MW	1.23	NAT	3	4/15-12/15
04N49YA	MW	0.13	NAT	3	4/15-12/15
04N50	CAL	0.14	NAT	3	4/15-12/15
04N50Y	MW	3.58	NAT	3	4/15-12/15
04N50YC	MW	1.08	NAT	3	4/15-12/15
04N51Y	SU	0.51	NAT	2	4/15-12/15
04N53Y	SU	0.24	NAT	3	4/15-12/15
04N54	SU	1.17	NAT	3	4/15-12/15
04N55	SU	1.19	NAT	3	4/15-12/15
04N57	SU	0.15	NAT	3	4/15-12/15
04N57A	SU	0.37	NAT	3	4/15-12/15
04N59	SU	1.22	AC	3	4/15-12/15
04N61	MW	2.02	NAT	2	4/15-12/15
04N61A	MW	0.69	NAT	2	4/15-12/15
04N62	CAL	0.38	NAT	3	4/15-12/15
04N62Y	MW	0.64	NAT	2	4/15-12/15
04N63	CAL	3.47	NAT	3	4/15-12/15
04N63Y	SU	1.55	NAT	3	4/15-12/15
04N65	SU	1.16	NAT	3	4/15-12/15
04N67	SU	0.32	NAT	2	4/15-12/15
04N67A	SU	0.31	NAT	2	4/15-12/15
04N68Y	SU	1.52	NAT	3	4/15-12/15
04N69	MW	1.63	NAT	2	4/15-12/15
04N70	SU	0.35	NAT	3	4/15-12/15
04N70	SU	1.16	NAT	3	4/15-12/15
04N71	SU	1.13	NAT	3	4/15-12/15
04N71A	SU	0.58	NAT	3	4/15-12/15
04N72Y	MW	1.67	NAT	3	4/15-12/15
04N72YA	MW	0.25	NAT	3	4/15-12/15
04N73	SU	0.77	NAT	2	4/15-12/15
04N73Y	CAL	0.67	AGG	3	4/15-12/15
04N74	MW	0.26	NAT	1	year round
04N74Y	MW	1.63	NAT	2	4/15-12/15
04N75	MW	1.80	NAT	2	4/15-12/15
04N76	SU	1.72	NAT	3	4/15-12/15
04N76Y	SU	0.59	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
04N77	MW	0.79	NAT	2	4/15-12/15
04N77Y	SU	0.38	NAT	3	4/15-12/15
04N78	MW	2.85	NAT	2	4/15-12/15
04N78Y	SU	0.50	NAT	3	4/15-12/15
04N78YA	SU	0.34	NAT	3	4/15-12/15
04N78YB	SU	0.21	NAT	3	4/15-12/15
04N79	MW	0.88	NAT	2	4/15-12/15
04N79	MW	1.10	AGG	2	4/15-12/15
04N80	MW	0.52	NAT	2	4/15-12/15
04N80Y	CAL	3.06	AGG	3	year round
04N81	MW	0.73	NAT	2	4/15-12/15
04N81	MW	2.20	AGG	2	4/15-12/15
04N82	MW	0.63	NAT	2	4/15-12/15
04N82Y	MW	0.84	NAT	2	4/15-12/15
04N83	MW	1.62	NAT	2	4/15-12/15
04N83B	MW	0.52	NAT	2	4/15-12/15
04N85	MW	0.00	AGG	3	4/15-12/15
04N85	MW	2.94	AGG	2	4/15-12/15
04N86	MW	1.04	NAT	2	4/15-12/15
04N86Y	MW	0.49	AC	2	4/15-12/15
04N88	MW	5.79	NAT	2	4/15-12/15
04N88A	MW	0.38	NAT	2	4/15-12/15
04N89	MW	1.35	NAT	2	4/15-12/15
04N89A	MW	0.67	NAT	2	4/15-12/15
04N90	MW	4.05	NAT	2	4/15-12/15
04N91	SU	1.06	NAT	3	4/15-12/15
04N95	MW	1.06	NAT	3	year round
04N95	MW	1.16	AGG	3	year round
04N97	MW	0.82	NAT	2	4/15-12/15
04N98	MW	1.22	NAT	3	4/15-12/15
04N99	MW	1.83	NAT	3	4/15-12/15
05N01	SU	0.82	AGG	3	4/15-12/15
05N01	SU	1.13	AGG	3	4/15-12/15
05N01	SU	2.30	BST	3	4/15-12/15
05N01	SU	3.46	AC	3	4/15-12/15
05N01	SU	4.34	NAT	3	4/15-12/15
05N01A	SU	0.56	NAT	3	4/15-12/15
05N01J	SU	1.01	NAT	3	4/15-12/15
05N01M	SU	0.86	NAT	3	4/15-12/15
05N02	SU	5.32	AC	3	4/15-12/15
05N02	SU	5.64	NAT	3	4/15-12/15
05N02	CAL	5.79	AC	3	year round
05N02	SU	7.11	AGG	3	4/15-12/15
05N02	SU	8.16	AC	2	4/15-12/15
05N02	CAL	17.64	NAT	3	4/15-12/15
05N02B	CAL	0.89	NAT	3	4/15-12/15
05N02C	SU	0.38	NAT	3	4/15-12/15
05N02D	SU	0.21	NAT	2	4/15-12/15
05N02F	SU	0.24	AGG	3	4/15-12/15
05N02H	SU	0.22	NAT	3	4/15-12/15
05N02L	SU	0.32	NAT	3	4/15-12/15
05N02R	CAL	1.87	NAT	3	4/15-12/15
05N04	SU	3.52	NAT	3	4/15-12/15
05N05Y	SU	0.71	NAT	3	4/15-12/15
05N05YA	SU	0.65	NAT	3	4/15-12/15
05N06	SU	1.73	NAT	3	4/15-12/15
05N06Y	SU	0.38	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
05N07X	CAL	2.12	NAT	3	4/15-12/15
05N08Y	SU	1.48	NAT	3	4/15-12/15
05N08YA	SU	0.34	NAT	3	4/15-12/15
05N08YC	SU	0.15	NAT	3	4/15-12/15
05N09	SU	4.90	NAT	3	4/15-12/15
05N09A	SU	0.66	NAT	3	4/15-12/15
05N09C	SU	0.18	NAT	3	4/15-12/15
05N09D	SU	0.13	NAT	3	4/15-12/15
05N09X	SU	8.77	NAT	3	4/15-12/15
05N09XA	SU	0.71	NAT	3	4/15-12/15
05N10	CAL	7.09	NAT	3	4/15-12/15
05N10C	CAL	1.50	NAT	3	4/15-12/15
05N11	SU	3.48	NAT	3	4/15-12/15
05N11Y	SU	0.88	NAT	3	4/15-12/15
05N12	SU	0.25	NAT	3	4/15-12/15
05N12	SU	2.35	NAT	3	4/15-12/15
05N12Y	SU	0.80	NAT	3	4/15-12/15
05N12YA	SU	0.45	NAT	3	4/15-12/15
05N13X	SU	0.52	AC	3	year round
05N13Y	SU	0.63	NAT	3	4/15-12/15
05N14	CAL	1.08	AGG	3	year round
05N14	CAL	4.25	BST	3	year round
05N14	CAL	10.68	NAT	3	4/15-12/15
05N14	SU	12.10	AGG	3	4/15-12/15
05N14D	SU	0.66	NAT	3	4/15-12/15
05N14G	CAL	0.65	NAT	3	4/15-12/15
05N14L	CAL	1.12	NAT	3	4/15-12/15
05N14M	CAL	0.10	NAT	3	4/15-12/15
05N14Y	SU	2.19	NAT	3	4/15-12/15
05N15X	SU	0.54	NAT	3	4/15-12/15
05N15XA	SU	0.11	NAT	3	4/15-12/15
05N15Y	SU	2.04	AGG	3	4/15-12/15
05N16	CAL	0.95	NAT	3	4/15-12/15
05N16A	CAL	0.25	NAT	3	4/15-12/15
05N17	SU	1.01	NAT	3	4/15-12/15
05N17Y	SU	0.15	NAT	3	4/15-12/15
05N18	SU	0.26	NAT	3	4/15-12/15
05N18Y	SU	2.85	NAT	3	4/15-12/15
05N18YB	SU	0.18	NAT	3	4/15-12/15
05N18YC	SU	0.30	NAT	3	4/15-12/15
05N18YD	SU	0.52	NAT	3	4/15-12/15
05N21	SU	4.93	NAT	3	4/15-12/15
05N22	SU	3.13	NAT	3	4/15-12/15
05N22Y	SU	1.05	NAT	3	4/15-12/15
05N24	CAL	0.16	AC	3	year round
05N25	SU	2.05	NAT	3	4/15-12/15
05N25A	SU	0.28	NAT	3	4/15-12/15
05N25B	SU	0.11	NAT	3	4/15-12/15
05N26	SU	0.47	AC	3	4/15-12/15
05N26Y	SU	1.15	NAT	3	4/15-12/15
05N28	SU	4.21	AGG	3	4/15-12/15
05N28C	SU	0.15	NAT	3	4/15-12/15
05N28D	SU	0.51	NAT	3	4/15-12/15
05N29	SU	3.00	NAT	3	4/15-12/15
05N29Y	SU	0.94	NAT	3	4/15-12/15
05N30	SU	3.16	NAT	3	4/15-12/15
05N30A	SU	2.06	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
05N31	SU	2.67	NAT	3	4/15-12/15
05N32	SU	2.76	NAT	3	4/15-12/15
05N32A	SU	2.17	NAT	3	4/15-12/15
05N34Y	CAL	0.60	NAT	2	4/15-12/15
05N35	CAL	1.65	NAT	3	4/15-12/15
05N35B	CAL	0.46	NAT	3	4/15-12/15
05N39	SU	5.46	NAT	3	4/15-12/15
05N39A	SU	1.35	NAT	3	4/15-12/15
05N39Y	SU	1.62	NAT	3	4/15-12/15
05N40Y	SU	3.87	AGG	3	4/15-12/15
05N41Y	CAL	1.47	NAT	2	4/15-12/15
05N42	CAL	5.05	NAT	3	4/15-12/15
05N43Y	CAL	1.82	NAT	2	4/15-12/15
05N44	SU	0.71	NAT	3	4/15-12/15
05N47	CAL	0.63	NAT	3	4/15-12/15
05N47A	CAL	0.32	NAT	3	4/15-12/15
05N47B	CAL	0.26	NAT	3	4/15-12/15
05N47Y	CAL	2.09	NAT	2	4/15-12/15
05N48Y	SU	1.57	AGG	3	4/15-12/15
05N50	CAL	0.34	NAT	2	4/15-12/15
05N50Y	SU	0.41	NAT	3	4/15-12/15
05N51Y	CAL	1.58	NAT	3	4/15-12/15
05N51YA	CAL	0.44	NAT	3	4/15-12/15
05N52	CAL	2.51	NAT	2	4/15-12/15
05N53Y	CAL	0.08	NAT	3	4/15-12/15
05N55	CAL	1.60	AGG	2	4/15-12/15
05N55Y	SU	1.11	NAT	3	4/15-12/15
05N55YA	SU	0.40	NAT	3	4/15-12/15
05N55YB	SU	0.25	NAT	3	4/15-12/15
05N56	CAL	0.94	AC	2	4/15-12/15
05N56	CAL	1.32	AGG	2	4/15-12/15
05N59	SU	1.03	NAT	3	4/15-12/15
05N59Y	SU	0.40	NAT	3	4/15-12/15
05N63	CAL	0.90	NAT	3	4/15-12/15
05N65Y	SU	1.64	NAT	3	4/15-12/15
05N66	CAL	0.02	NAT	3	4/15-12/15
05N67	SU	1.39	AGG	3	4/15-12/15
05N67Y	CAL	0.18	NAT	2	4/15-12/15
05N71	CAL	2.21	NAT	3	4/15-12/15
05N71A	CAL	0.61	NAT	3	4/15-12/15
05N71Y	SU	0.20	NAT	3	4/15-12/15
05N72	CAL	0.41	NAT	3	4/15-12/15
05N73Y	SU	0.29	NAT	3	4/15-12/15
05N76Y	CAL	1.43	NAT	3	4/15-12/15
05N77Y	CAL	4.53	NAT	3	4/15-12/15
05N79Y	CAL	1.03	NAT	3	4/15-12/15
05N80Y	SU	0.18	NAT	3	4/15-12/15
05N82Y	SU	0.62	NAT	3	4/15-12/15
05N83Y	SU	0.46	NAT	3	4/15-12/15
05N83YB	SU	0.21	NAT	3	4/15-12/15
05N85Y	SU	0.92	NAT	3	4/15-12/15
05N85YA	SU	0.90	NAT	3	4/15-12/15
05N87	SU	2.17	NAT	3	4/15-12/15
05N87D	SU	0.24	NAT	3	4/15-12/15
05N88	CAL	2.14	AGG	3	4/15-12/15
05N88	CAL	2.18	NAT	3	4/15-12/15
05N88B	CAL	4.47	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
05N88Y	CAL	1.28	NAT	3	4/15-12/15
05N88YA	CAL	0.44	NAT	3	4/15-12/15
05N89	CAL	3.23	NAT	3	4/15-12/15
05N89Y	CAL	0.13	AC	3	year round
05N90	SU	1.58	NAT	3	4/15-12/15
05N92	SU	2.50	NAT	3	4/15-12/15
05N92B	SU	0.75	NAT	3	4/15-12/15
05N92Y	CAL	0.05	AC	3	4/15-12/15
05N93	SU	1.44	NAT	3	4/15-12/15
05N93Y	SU	0.84	NAT	3	4/15-12/15
05N95	SU	3.60	NAT	3	4/15-12/15
05N95	SU	6.51	AGG	3	4/15-12/15
05N95B	SU	0.09	NAT	3	4/15-12/15
05N95J	SU	0.10	NAT	3	4/15-12/15
05N95Y	CAL	0.18	NAT	2	4/15-12/15
05N95YA	CAL	0.11	NAT	2	4/15-12/15
05N97	SU	0.83	AC	3	year round
05N99Y	CAL	0.64	NAT	2	4/15-12/15
06N01	SU	0.83	AC	3	year round
06N01A	SU	0.19	NAT	3	4/15-12/15
06N01B	SU	0.11	AC	3	4/15-12/15
06N03	CAL	2.84	NAT	3	4/15-12/15
06N03C	CAL	0.43	NAT	3	4/15-12/15
06N03E	CAL	0.26	NAT	3	4/15-12/15
06N03F	CAL	0.46	NAT	3	4/15-12/15
06N05	SU	8.71	NAT	3	4/15-12/15
06N05B	SU	0.47	NAT	3	4/15-12/15
06N05Y	SU	0.80	NAT	3	4/15-12/15
06N06	SU	6.23	NAT	3	4/15-12/15
06N06A	SU	0.31	NAT	3	4/15-12/15
06N06B	SU	0.14	NAT	3	4/15-12/15
06N06B1	SU	0.27	NAT	3	4/15-12/15
06N06C	SU	0.26	NAT	3	4/15-12/15
06N06F	SU	0.08	NAT	3	4/15-12/15
06N07	CAL	2.29	NAT	3	4/15-12/15
06N07Y	SU	0.08	NAT	3	4/15-12/15
06N08	CAL	4.27	NAT	3	4/15-12/15
06N08Y	SU	0.06	NAT	3	4/15-12/15
06N09	CAL	5.37	NAT	3	4/15-12/15
06N09Y	SU	0.04	NAT	3	4/15-12/15
06N10	CAL	3.03	NAT	3	4/15-12/15
06N10X	SU	0.29	AC	3	4/15-12/15
06N11	CAL	5.52	NAT	3	4/15-12/15
06N11A	CAL	0.42	NAT	3	4/15-12/15
06N11X	SU	0.08	NAT	3	4/15-12/15
06N11Y	CAL	0.67	NAT	3	4/15-12/15
06N11YA	CAL	0.08	NAT	3	4/15-12/15
06N12	SU	0.33	NAT	3	4/15-12/15
06N12X	SU	0.36	AGG	3	4/15-12/15
06N13	SU	0.08	AC	3	4/15-12/15
06N13X	CAL	0.30	NAT	3	4/15-12/15
06N13Y	SU	1.91	NAT	3	4/15-12/15
06N14	SU	0.37	NAT	3	4/15-12/15
06N15	SU	1.06	NAT	3	4/15-12/15
06N15A	SU	0.30	NAT	3	4/15-12/15
06N16	SU	0.95	NAT	3	4/15-12/15
06N16A	SU	0.21	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
06N17	CAL	9.55	NAT	3	4/15-12/15
06N17A	CAL	0.56	NAT	3	4/15-12/15
06N17B	CAL	0.65	NAT	3	4/15-12/15
06N17D	CAL	0.35	NAT	3	4/15-12/15
06N17J	CAL	0.52	NAT	3	4/15-12/15
06N17P	CAL	0.41	NAT	3	4/15-12/15
06N17Q	CAL	0.14	NAT	3	4/15-12/15
06N17Y	CAL	0.98	NAT	3	4/15-12/15
06N17YA	CAL	0.35	NAT	3	4/15-12/15
06N18	CAL	5.75	NAT	3	4/15-12/15
06N18A	CAL	0.46	NAT	3	4/15-12/15
06N18C	CAL	0.28	NAT	3	4/15-12/15
06N18F	CAL	0.62	NAT	3	4/15-12/15
06N19	SU	0.48	NAT	3	4/15-12/15
06N19A	SU	0.15	NAT	3	4/15-12/15
06N19Y	SU	1.43	NAT	3	4/15-12/15
06N20Y	CAL	1.01	NAT	3	4/15-12/15
06N21Y	CAL	2.49	NAT	3	4/15-12/15
06N21YA	CAL	0.28	NAT	3	4/15-12/15
06N22Y	CAL	0.36	NAT	3	4/15-12/15
06N23	SU	0.27	NAT	3	4/15-12/15
06N23Y	CAL	1.18	NAT	3	4/15-12/15
06N24	SU	0.49	AGG	3	4/15-12/15
06N24A	SU	0.19	AGG	3	4/15-12/15
06N24Y	CAL	0.40	NAT	3	4/15-12/15
06N26	CAL	0.02	NAT	2	4/15-12/15
06N27	CAL	4.77	NAT	3	4/15-12/15
06N28Y	CAL	1.29	NAT	3	4/15-12/15
06N28YA	CAL	0.38	NAT	3	4/15-12/15
06N29	CAL	0.26	NAT	3	4/15-12/15
06N29Y	CAL	0.98	NAT	3	4/15-12/15
06N30	SU	0.72	NAT	3	4/15-12/15
06N30A	SU	0.10	NAT	3	4/15-12/15
06N31Y	SU	0.74	NAT	3	4/15-12/15
06N32	CAL	1.01	NAT	3	4/15-12/15
06N33	SU	0.10	AC	3	4/15-12/15
06N33Y	SU	0.92	NAT	3	4/15-12/15
06N34Y	SU	2.91	NAT	3	4/15-12/15
06N34YD	SU	0.25	NAT	3	4/15-12/15
06N36Y	SU	0.25	NAT	3	4/15-12/15
06N36Y	SU	0.27	AC	3	4/15-12/15
06N37Y	SU	0.09	NAT	3	4/15-12/15
06N38Y	SU	1.01	NAT	3	4/15-12/15
06N39Y	SU	0.10	NAT	3	4/15-12/15
06N40	CAL	0.09	NAT	2	4/15-12/15
06N41Y	SU	0.34	NAT	3	4/15-12/15
06N42Y	CAL	1.90	NAT	3	4/15-12/15
06N43Y	SU	0.26	NAT	3	4/15-12/15
06N44Y	SU	0.12	NAT	3	4/15-12/15
06N45	CAL	10.32	NAT	3	4/15-12/15
06N45Y	SU	0.26	NAT	3	4/15-12/15
06N47Y	SU	0.25	NAT	3	4/15-12/15
06N53Y	CAL	0.85	NAT	3	4/15-12/15
06N54Y	CAL	0.17	NAT	3	4/15-12/15
06N58	CAL	5.97	NAT	3	4/15-12/15
06N58Y	CAL	0.80	NAT	3	4/15-12/15
06N59Y	CAL	0.47	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
06N60	CAL	0.22	NAT	3	4/15-12/15
06N60Y	CAL	0.02	NAT	2	4/15-12/15
06N62	CAL	1.34	AGG	3	4/15-12/15
06N63	SU	0.06	NAT	3	4/15-12/15
06N64	CAL	0.99	NAT	3	4/15-12/15
06N64Y	SU	0.24	NAT	3	4/15-12/15
06N65Y	CAL	0.39	AC	3	4/15-12/15
06N65YA	CAL	0.62	AC	3	4/15-12/15
06N66Y	CAL	4.21	NAT	3	4/15-12/15
06N66YA	CAL	0.34	NAT	3	4/15-12/15
06N66YB	CAL	0.82	NAT	3	4/15-12/15
06N70Y	CAL	1.22	NAT	3	4/15-12/15
06N71Y	CAL	0.07	NAT	3	4/15-12/15
06N73Y	CAL	0.41	NAT	3	4/15-12/15
06N74Y	CAL	0.10	NAT	3	4/15-12/15
06N75	CAL	0.37	NAT	3	4/15-12/15
06N76Y	CAL	0.35	NAT	3	4/15-12/15
06N76YA	CAL	0.25	NAT	3	4/15-12/15
06N76YB	CAL	0.10	NAT	3	4/15-12/15
06N77	CAL	1.20	NAT	3	4/15-12/15
06N77A	CAL	0.82	NAT	3	4/15-12/15
06N77B	CAL	0.29	NAT	3	4/15-12/15
06N77Y	CAL	1.56	NAT	3	4/15-12/15
06N78	CAL	1.05	NAT	3	4/15-12/15
06N78A	CAL	0.17	NAT	3	4/15-12/15
06N78Y	CAL	1.57	IMP	3	4/15-12/15
06N79	CAL	1.41	NAT	3	4/15-12/15
06N79Y	CAL	0.31	NAT	3	4/15-12/15
06N80	CAL	0.12	NAT	3	4/15-12/15
06N80Y	CAL	0.78	NAT	3	4/15-12/15
06N80YA	CAL	0.11	NAT	3	4/15-12/15
06N81	CAL	0.05	NAT	3	4/15-12/15
06N81Y	CAL	1.29	NAT	3	4/15-12/15
06N81YA	CAL	0.51	NAT	3	4/15-12/15
06N82	CAL	0.12	NAT	3	4/15-12/15
06N82Y	SU	0.24	NAT	3	4/15-12/15
06N84Y	CAL	0.01	NAT	3	4/15-12/15
06N85	CAL	0.72	NAT	3	4/15-12/15
06N85A	CAL	0.39	NAT	3	4/15-12/15
06N85Y	CAL	0.46	NAT	3	4/15-12/15
06N88Y	CAL	0.84	NAT	3	4/15-12/15
06N89	CAL	1.97	NAT	3	4/15-12/15
06N89Y	CAL	1.57	NAT	3	4/15-12/15
06N90	CAL	3.11	NAT	3	4/15-12/15
06N90A	CAL	0.35	NAT	3	4/15-12/15
06N90Y	CAL	1.47	NAT	3	4/15-12/15
06N90YA	CAL	0.83	NAT	3	4/15-12/15
06N91	CAL	6.10	NAT	3	4/15-12/15
06N91A	CAL	0.36	NAT	3	4/15-12/15
06N91B	CAL	0.34	NAT	3	4/15-12/15
06N91C	CAL	0.15	NAT	3	4/15-12/15
06N91D	CAL	0.79	NAT	3	4/15-12/15
06N91E	CAL	0.47	NAT	3	4/15-12/15
06N92	CAL	1.10	NAT	3	4/15-12/15
06N94	CAL	1.69	NAT	3	4/15-12/15
06N95	CAL	5.15	NAT	3	4/15-12/15
06N95A	CAL	0.43	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
06N95G	CAL	0.68	NAT	3	4/15-12/15
06N96	CAL	2.99	NAT	3	4/15-12/15
06N97Y	CAL	2.65	NAT	3	4/15-12/15
06N98	CAL	0.30	NAT	3	4/15-12/15
06N98Y	CAL	0.04	NAT	3	4/15-12/15
07N01	CAL	0.27	AC	3	year round
07N01	CAL	9.98	AC	3	4/15-12/15
07N01C	CAL	0.17	NAT	3	4/15-12/15
07N01E	CAL	0.34	NAT	3	4/15-12/15
07N01G	CAL	0.13	NAT	3	4/15-12/15
07N01H	CAL	0.12	AC	3	year round
07N02	CAL	2.38	NAT	3	4/15-12/15
07N03Y	CAL	0.13	AC	3	4/15-12/15
07N05	CAL	1.83	AGG	3	4/15-12/15
07N05	CAL	2.80	NAT	3	4/15-12/15
07N05Y	CAL	0.36	AC	3	4/15-12/15
07N07Y	CAL	1.68	NAT	3	4/15-12/15
07N08	CAL	0.24	AGG	2	4/15-12/15
07N08	CAL	2.89	NAT	3	4/15-12/15
07N08	CAL	3.39	NAT	2	4/15-12/15
07N09	CAL	4.42	NAT	3	4/15-12/15
07N09	CAL	4.97	AC	3	4/15-12/15
07N09	CAL	14.53	AGG	3	4/15-12/15
07N09A	CAL	0.86	NAT	3	4/15-12/15
07N09B	CAL	0.45	NAT	3	4/15-12/15
07N09C	CAL	0.62	NAT	3	4/15-12/15
07N09D	CAL	0.16	NAT	3	4/15-12/15
07N09E	CAL	0.29	NAT	3	4/15-12/15
07N09F	CAL	0.13	NAT	3	4/15-12/15
07N09G	CAL	0.12	NAT	3	4/15-12/15
07N09H	CAL	0.54	NAT	3	4/15-12/15
07N09J	CAL	0.26	NAT	3	4/15-12/15
07N09W	CAL	0.02	NAT	3	4/15-12/15
07N09W	CAL	0.23	NAT	3	4/15-12/15
07N11	CAL	6.28	NAT	3	4/15-12/15
07N11D	CAL	0.68	NAT	3	4/15-12/15
07N12A	CAL	1.29	NAT	3	4/15-12/15
07N13	SU	0.60	NAT	3	4/15-12/15
07N13A	SU	0.15	NAT	3	4/15-12/15
07N14	CAL	2.48	AGG	3	4/15-12/15
07N14A	CAL	0.09	NAT	3	4/15-12/15
07N14C	CAL	0.47	NAT	3	4/15-12/15
07N14D	CAL	0.64	NAT	3	4/15-12/15
07N14F	CAL	0.15	NAT	3	4/15-12/15
07N15	CAL	0.49	NAT	3	4/15-12/15
07N16	CAL	4.83	NAT	3	4/15-12/15
07N16A	CAL	0.20	NAT	3	4/15-12/15
07N16X	CAL	1.36	NAT	3	4/15-12/15
07N17	CAL	2.24	NAT	3	4/15-12/15
07N17	CAL	2.79	NAT	3	4/15-12/15
07N17A	CAL	0.08	NAT	3	4/15-12/15
07N18A	CAL	0.04	NAT	3	4/15-12/15
07N18Y	CAL	0.90	NAT	3	4/15-12/15
07N18YC	CAL	0.32	NAT	3	4/15-12/15
07N19	CAL	3.53	AGG	3	4/15-12/15
07N19X	CAL	0.11	NAT	3	4/15-12/15
07N19Y	CAL	0.75	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
07N20	CAL	0.40	AC	3	4/15-12/15
07N20Y	CAL	0.44	NAT	3	4/15-12/15
07N20YA	CAL	0.17	NAT	3	4/15-12/15
07N21	CAL	1.03	AC	3	4/15-12/15
07N21Y	CAL	1.19	NAT	3	4/15-12/15
07N21YA	CAL	0.30	NAT	3	4/15-12/15
07N22	CAL	1.51	NAT	3	4/15-12/15
07N23	CAL	1.53	BST	3	4/15-12/15
07N23	CAL	4.45	AGG	3	4/15-12/15
07N24	CAL	3.85	NAT	3	4/15-12/15
07N25Y	CAL	0.38	NAT	3	4/15-12/15
07N26	CAL	1.64	NAT	3	4/15-12/15
07N28	CAL	3.22	AGG	3	4/15-12/15
07N28	CAL	3.43	NAT	3	4/15-12/15
07N28E	CAL	0.71	NAT	3	4/15-12/15
07N28J	CAL	0.17	NAT	3	4/15-12/15
07N29Y	CAL	3.96	AGG	3	4/15-12/15
07N30Y	SU	0.23	NAT	3	4/15-12/15
07N30YA	SU	0.09	NAT	3	4/15-12/15
07N30YB	SU	0.09	NAT	3	4/15-12/15
07N31	CAL	1.09	NAT	3	4/15-12/15
07N31A	CAL	0.64	NAT	3	4/15-12/15
07N31B	CAL	0.14	NAT	3	4/15-12/15
07N31C	CAL	0.24	NAT	3	4/15-12/15
07N35	CAL	5.83	NAT	3	4/15-12/15
07N37Y	CAL	1.40	NAT	3	4/15-12/15
07N38	CAL	0.75	NAT	3	4/15-12/15
07N40Y	CAL	0.20	NAT	3	4/15-12/15
07N41Y	SU	0.11	AC	3	4/15-12/15
07N46	CAL	1.03	NAT	3	4/15-12/15
07N46A	CAL	0.13	NAT	3	4/15-12/15
07N47	CAL	2.50	NAT	3	4/15-12/15
07N47	CAL	4.62	AGG	3	4/15-12/15
07N47C	CAL	0.57	NAT	3	4/15-12/15
07N48	CAL	0.35	NAT	3	4/15-12/15
07N48A	CAL	0.22	NAT	3	4/15-12/15
07N48B	CAL	0.31	NAT	3	4/15-12/15
07N49Y	CAL	0.36	NAT	3	4/15-12/15
07N50	CAL	2.40	NAT	3	4/15-12/15
07N50Y	CAL	0.04	AC	3	4/15-12/15
07N51	CAL	0.52	NAT	3	4/15-12/15
07N51A	CAL	0.19	NAT	3	4/15-12/15
07N51Y	CAL	0.43	NAT	3	4/15-12/15
07N52	CAL	0.06	NAT	3	4/15-12/15
07N52Y	CAL	0.27	NAT	3	4/15-12/15
07N53	CAL	3.52	NAT	3	4/15-12/15
07N53Y	CAL	1.42	NAT	3	4/15-12/15
07N54Y	CAL	1.22	NAT	3	4/15-12/15
07N55	CAL	1.06	NAT	3	4/15-12/15
07N55A	CAL	0.59	NAT	3	4/15-12/15
07N55Y	CAL	0.40	NAT	3	4/15-12/15
07N56Y	CAL	1.73	NAT	3	4/15-12/15
07N56YA	CAL	0.71	NAT	3	4/15-12/15
07N57	CAL	0.29	AGG	3	4/15-12/15
07N57	CAL	2.84	NAT	3	4/15-12/15
07N57Y	CAL	1.11	NAT	3	4/15-12/15
07N58	CAL	0.12	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
07N59	CAL	1.65	NAT	3	4/15-12/15
07N59A	CAL	0.20	NAT	3	4/15-12/15
07N59Y	CAL	0.39	NAT	3	4/15-12/15
07N61Y	CAL	0.24	AGG	3	year round
07N62	CAL	0.29	NAT	3	4/15-12/15
07N62Y	CAL	0.69	NAT	3	4/15-12/15
07N64Y	CAL	1.76	NAT	3	4/15-12/15
07N65	CAL	1.60	NAT	3	4/15-12/15
07N65B	CAL	0.10	NAT	3	4/15-12/15
07N65C	CAL	0.18	NAT	3	4/15-12/15
07N66	CAL	0.66	NAT	3	4/15-12/15
07N66B	CAL	0.20	NAT	3	4/15-12/15
07N67	CAL	0.63	NAT	3	4/15-12/15
07N68	CAL	1.32	NAT	3	4/15-12/15
07N68A	CAL	0.67	NAT	3	4/15-12/15
07N69	CAL	2.69	NAT	3	4/15-12/15
07N69A	CAL	0.09	NAT	3	4/15-12/15
07N69B	CAL	0.24	NAT	3	4/15-12/15
07N70	CAL	0.77	NAT	3	4/15-12/15
07N71Y	CAL	0.47	NAT	3	4/15-12/15
07N71YA	CAL	0.03	NAT	3	4/15-12/15
07N72	CAL	2.74	NAT	3	4/15-12/15
07N72A	CAL	0.30	NAT	3	4/15-12/15
07N72B	CAL	0.46	NAT	3	4/15-12/15
07N73	CAL	1.35	NAT	3	4/15-12/15
07N75	CAL	1.84	AGG	3	4/15-12/15
07N75C	CAL	0.49	NAT	3	4/15-12/15
07N76	SU	1.55	AC	3	4/15-12/15
07N76Y	CAL	3.26	NAT	3	4/15-12/15
07N77	CAL	0.95	NAT	3	4/15-12/15
07N80A	CAL	0.01	NAT	2	4/15-12/15
07N82	CAL	0.95	NAT	3	4/15-12/15
07N82A	CAL	0.24	NAT	3	4/15-12/15
07N83B	SU	0.09	NAT	3	4/15-12/15
07N84Y	CAL	0.97	NAT	3	4/15-12/15
07N84YB	CAL	0.19	NAT	3	4/15-12/15
07N87	CAL	1.70	NAT	3	4/15-12/15
07N87A	CAL	0.33	NAT	3	4/15-12/15
07N87B	CAL	0.11	NAT	3	4/15-12/15
07N88Y	CAL	1.88	NAT	3	4/15-12/15
07N91	CAL	0.14	NAT	3	4/15-12/15
07N92	CAL	1.18	NAT	3	4/15-12/15
07N92A	CAL	0.39	NAT	3	4/15-12/15
07N92B	CAL	0.55	NAT	3	4/15-12/15
07N93	CAL	2.68	NAT	3	4/15-12/15
07N94	CAL	0.44	NAT	3	4/15-12/15
07N94A	CAL	0.73	NAT	3	4/15-12/15
08N01A	CAL	0.12	NAT	3	4/15-12/15
08N02	CAL	1.82	NAT	3	4/15-12/15
08N04	CAL	0.23	NAT	3	4/15-12/15
08N06	CAL	0.44	NAT	3	4/15-12/15
08N12	CAL	0.56	IMP	3	4/15-12/15
08N13	CAL	0.54	NAT	3	4/15-12/15
08N14	CAL	0.10	NAT	3	4/15-12/15
15EV26	CAL	0.29	NAT	2	4/15-12/15
15EV55	CAL	1.43	NAT	2	4/15-12/15
15EV55A	CAL	0.09	NAT	2	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
15EV56	CAL	0.51	NAT	2	4/15-12/15
15EV57	CAL	1.18	NAT	2	4/15-12/15
15EV58	CAL	0.66	NAT	2	4/15-12/15
15EV59	CAL	0.45	NAT	2	4/15-12/15
15EV60	CAL	1.77	NAT	2	4/15-12/15
15EV61	CAL	0.41	NAT	2	4/15-12/15
15EV62	CAL	0.55	NAT	2	4/15-12/15
15EV63	CAL	1.06	NAT	2	4/15-12/15
15EV64	CAL	0.95	NAT	2	4/15-12/15
15EV65	CAL	0.46	NAT	2	4/15-12/15
15EV66	CAL	0.45	NAT	2	4/15-12/15
15EV67	CAL	0.46	NAT	2	4/15-12/15
15EV68	CAL	0.73	NAT	2	4/15-12/15
15EV69	CAL	0.58	NAT	2	4/15-12/15
15EV70	CAL	0.24	NAT	2	4/15-12/15
15EV71	CAL	0.62	NAT	2	4/15-12/15
15EV72	CAL	1.02	NAT	2	4/15-12/15
15EV73	CAL	0.88	NAT	2	4/15-12/15
16EV186	CAL	0.47	NAT	3	4/15-12/15
16EV187	CAL	0.41	NAT	3	4/15-12/15
16EV188	CAL	0.24	NAT	3	4/15-12/15
16EV190	CAL	1.55	NAT	3	4/15-12/15
16EV192	CAL	0.47	NAT	3	4/15-12/15
17EV151	CAL	2.55	NAT	3	4/15-12/15
17EV152	CAL	0.75	NAT	3	4/15-12/15
17EV16	CAL	2.54	NAT	3	4/15-12/15
17EV17	CAL	1.07	NAT	3	4/15-12/15
17EV220	MW	0.33	NAT	2	4/15-12/15
17EV220B	MW	0.05	NAT	2	4/15-12/15
17EV261	MW	0.18	NAT	2	4/15-12/15
18EV254	SU	0.51	NAT	3	4/15-12/15
18EV256	SU	0.81	NAT	3	4/15-12/15
18EV272	GR	1.04	NAT	3	4/15-12/15
18EV273	GR	1.06	NAT	3	4/15-12/15
18EV274	GR	1.24	NAT	3	4/15-12/15
18EV306	SU	0.41	NAT	3	4/15-12/15
19EV104	GR	1.41	NAT	3	4/15-12/15
19EV105	GR	1.08	NAT	3	4/15-12/15
19EV106	GR	0.39	NAT	3	4/15-12/15
19EV114	SU	4.89	NAT	3	4/15-12/15
19EV115	SU	1.87	NAT	3	4/15-12/15
19EV43	CAL	1.51	NAT	3	4/15-12/15
19EV93	SU	1.78	NAT	3	4/15-12/15
19EV97	SU	0.84	NAT	3	4/15-12/15
21502A	MW	0.13	NAT	2	4/15-12/15
21502B	MW	0.31	NAT	2	4/15-12/15
21825H	GR	0.09	NAT	3	4/15-12/15
21930K1	GR	0.04	NAT	3	4/15-12/15
31622R	MW	0.16	NAT	2	4/15-12/15
41704X	SU	0.04	NAT	3	4/15-12/15
41723A	SU	0.12	NAT	2	4/15-12/15
41723C	SU	0.11	NAT	2	4/15-12/15
41723D	SU	0.07	NAT	2	4/15-12/15
41723E	SU	0.12	NAT	2	4/15-12/15
41724D	SU	0.12	NAT	2	4/15-12/15
41725A	SU	0.34	NAT	2	4/15-12/15
41802C	SU	0.38	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
41802D	SU	0.05	NAT	3	4/15-12/15
41803B	SU	0.22	NAT	3	4/15-12/15
41807D	SU	0.09	NAT	3	4/15-12/15
41808H	SU	0.08	NAT	3	4/15-12/15
41809A	SU	0.05	NAT	3	4/15-12/15
41809E	SU	0.10	NAT	3	4/15-12/15
41809X04	SU	0.10	NAT	3	4/15-12/15
41810K	SU	0.14	NAT	3	4/15-12/15
41810M	SU	0.38	NAT	3	4/15-12/15
41810P	SU	0.10	NAT	3	4/15-12/15
41811D1	SU	0.12	NAT	3	4/15-12/15
41811P	SU	0.09	NAT	3	4/15-12/15
41816D	SU	0.06	NAT	3	4/15-12/15
41818J	SU	0.12	NAT	3	4/15-12/15
41818M	SU	0.07	NAT	3	4/15-12/15
41819A	SU	0.07	NAT	2	4/15-12/15
41820B	SU	0.02	NAT	2	4/15-12/15
41820C	SU	0.04	NAT	2	4/15-12/15
41825B	SU	0.02	NAT	3	4/15-12/15
41825H	SU	0.06	NAT	3	4/15-12/15
41826D	SU	0.05	NAT	3	4/15-12/15
41827F	SU	0.06	NAT	3	4/15-12/15
41827G	SU	0.07	NAT	3	4/15-12/15
41828E	SU	0.08	NAT	3	4/15-12/15
41829B	SU	0.04	NAT	2	4/15-12/15
41830C	SU	0.20	NAT	2	4/15-12/15
41836A	SU	0.08	NAT	3	4/15-12/15
41899Z21	SU	0.08	AC	3	4/15-12/15
4191601	SU	0.04	NAT	3	4/15-12/15
4191602	SU	0.03	NAT	3	4/15-12/15
4191603	SU	0.05	NAT	3	4/15-12/15
41918B	SU	0.04	NAT	3	4/15-12/15
41929A	SU	0.07	NAT	3	4/15-12/15
4N34Y1	SU	0.19	NAT	3	4/15-12/15
4N34Y3	SU	0.70	NAT	3	4/15-12/15
4N39X2	SU	0.05	NAT	2	4/15-12/15
4N54Y041	SU	0.20	NAT	2	4/15-12/15
51701A	SU	0.15	NAT	3	4/15-12/15
51713A	SU	0.12	NAT	3	4/15-12/15
51723C	SU	0.11	NAT	3	4/15-12/15
51725D	SU	0.08	NAT	3	4/15-12/15
51735E	SU	0.12	NAT	3	4/15-12/15
51801B	SU	0.12	NAT	3	4/15-12/15
51801G	SU	0.20	NAT	3	4/15-12/15
51806B	SU	0.20	NAT	3	4/15-12/15
51806C	SU	0.07	NAT	3	4/15-12/15
51810A	SU	0.15	NAT	3	4/15-12/15
51810B	SU	0.13	NAT	3	4/15-12/15
51811A	SU	0.05	NAT	3	4/15-12/15
51811B	SU	0.09	NAT	3	4/15-12/15
51812D	SU	0.10	NAT	3	4/15-12/15
51812F	SU	0.07	NAT	3	4/15-12/15
51814D	SU	0.07	NAT	3	4/15-12/15
51814F	SU	0.06	NAT	3	4/15-12/15
51814J	SU	0.08	NAT	3	4/15-12/15
51815B	SU	0.10	NAT	3	4/15-12/15
51815C	SU	0.12	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
51816A	SU	0.12	NAT	3	4/15-12/15
51817	SU	0.09	NAT	3	4/15-12/15
51825A1	SU	0.08	NAT	3	4/15-12/15
51825B	SU	0.06	NAT	3	4/15-12/15
51827B	SU	0.12	NAT	3	4/15-12/15
51827C	SU	0.06	NAT	3	4/15-12/15
51828A	SU	0.08	NAT	3	4/15-12/15
51829B	SU	0.09	NAT	3	4/15-12/15
51830E	SU	0.07	NAT	3	4/15-12/15
51830F	SU	0.07	NAT	3	4/15-12/15
51831E	SU	0.19	NAT	3	4/15-12/15
51832D	SU	0.05	NAT	3	4/15-12/15
51832E	SU	0.05	NAT	3	4/15-12/15
51832X	SU	0.07	NAT	3	4/15-12/15
51835B	SU	0.02	NAT	3	4/15-12/15
51835D1	SU	0.05	NAT	3	4/15-12/15
51836B	SU	0.47	NAT	3	4/15-12/15
51836D	SU	0.08	NAT	3	4/15-12/15
51836E	SU	0.17	NAT	3	4/15-12/15
51902A	SU	1.67	NAT	3	4/15-12/15
51902A051	SU	0.21	NAT	3	4/15-12/15
51902A052	SU	0.18	NAT	3	4/15-12/15
51902AB	SU	0.11	NAT	3	4/15-12/15
51904E	SU	0.16	NAT	3	4/15-12/15
51906A	SU	0.24	NAT	3	4/15-12/15
51910B	SU	0.09	NAT	3	4/15-12/15
51910B1	SU	0.08	NAT	3	4/15-12/15
51910B2	SU	0.04	NAT	3	4/15-12/15
51910C	SU	0.07	NAT	3	4/15-12/15
51911A	SU	0.58	NAT	3	4/15-12/15
51911B	SU	0.24	NAT	3	4/15-12/15
51911C	SU	1.02	NAT	3	4/15-12/15
51911F	SU	0.39	NAT	3	4/15-12/15
51913A1	SU	0.06	NAT	3	4/15-12/15
51913C	SU	0.16	NAT	3	4/15-12/15
51913D	SU	0.09	NAT	3	4/15-12/15
51913E	SU	0.07	NAT	3	4/15-12/15
51913F	SU	0.07	NAT	3	4/15-12/15
51920C	SU	0.08	NAT	3	4/15-12/15
51920D	SU	0.07	NAT	3	4/15-12/15
51922A	SU	0.03	NAT	3	4/15-12/15
51927D	SU	0.06	NAT	3	4/15-12/15
51927E	SU	0.04	NAT	3	4/15-12/15
51930C2	SU	0.23	NAT	3	4/15-12/15
51933A	SU	0.09	NAT	3	4/15-12/15
51936052	SU	0.08	NAT	3	4/15-12/15
51936053	SU	0.07	NAT	3	4/15-12/15
52005A	SU	0.27	NAT	3	4/15-12/15
52005C	SU	0.08	NAT	3	4/15-12/15
52005F	SU	0.07	NAT	3	4/15-12/15
52005G	SU	0.07	NAT	3	4/15-12/15
52006C	SU	0.31	NAT	3	4/15-12/15
52006D	SU	0.19	NAT	3	4/15-12/15
52006F	SU	0.12	NAT	3	4/15-12/15
52007A	SU	0.34	NAT	3	4/15-12/15
52007H	SU	0.14	NAT	3	4/15-12/15
52008A	SU	0.08	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
52017A	SU	0.08	NAT	3	4/15-12/15
52017B	SU	0.03	NAT	3	4/15-12/15
52017C	SU	0.07	NAT	3	4/15-12/15
52017G	SU	2.10	NAT	3	4/15-12/15
52018A	SU	0.09	NAT	3	4/15-12/15
52018C	SU	0.07	NAT	3	4/15-12/15
52018D	SU	0.04	NAT	3	4/15-12/15
52018E	SU	0.06	NAT	3	4/15-12/15
52018F	SU	0.05	NAT	3	4/15-12/15
5N34X	SU	0.14	NAT	3	4/15-12/15
61724A	SU	0.09	NAT	3	4/15-12/15
61725A	SU	0.07	NAT	3	4/15-12/15
6182504A	SU	0.03	NAT	3	4/15-12/15
61915A	SU	0.06	NAT	3	4/15-12/15
61916A	SU	0.08	NAT	3	4/15-12/15
61919A	SU	0.16	NAT	3	4/15-12/15
61920A	SU	0.12	NAT	3	4/15-12/15
61920D	SU	0.12	NAT	3	4/15-12/15
61920F	SU	0.04	NAT	3	4/15-12/15
61930A	SU	0.20	NAT	3	4/15-12/15
61930B	SU	0.53	NAT	3	4/15-12/15
61931A	SU	0.02	NAT	3	4/15-12/15
61931A04	SU	0.06	NAT	3	4/15-12/15
61931B04	SU	0.06	NAT	3	4/15-12/15
61931E	SU	0.12	NAT	3	4/15-12/15
61931G	SU	0.10	NAT	3	4/15-12/15
61932B	SU	0.04	NAT	3	4/15-12/15
61932C	SU	0.08	NAT	3	4/15-12/15
61932E	SU	0.08	NAT	3	4/15-12/15
61933E	SU	0.08	NAT	3	4/15-12/15
61933F	SU	0.05	NAT	3	4/15-12/15
62028A	SU	0.03	NAT	3	4/15-12/15
62034A	SU	0.06	NAT	3	4/15-12/15
62035A1	SU	0.04	NAT	3	4/15-12/15
62035B	SU	0.06	NAT	3	4/15-12/15
62127C	SU	0.06	NAT	3	4/15-12/15
62134A1	SU	0.01	NAT	3	4/15-12/15
72032C	SU	0.05	NAT	3	4/15-12/15
72032D	SU	0.06	NAT	3	4/15-12/15
C20	CAL	0.81	NAT	2	4/15-12/15
FR10831	CAL	0.03	NAT	3	4/15-12/15
FR11116	CAL	0.04	AC	3	4/15-12/15
FR12088	CAL	0.11	AC	3	4/15-12/15
FR12476	CAL	0.05	AC	3	4/15-12/15
FR12477	CAL	0.36	AC	3	4/15-12/15
FR12607	SU	0.19	AC	3	4/15-12/15
FR12848	SU	0.09	NAT	3	4/15-12/15
FR12849	SU	0.06	NAT	3	4/15-12/15
FR13169	MW	0.05	NAT	2	4/15-12/15
FR14528	MW	0.02	AC	3	year round
FR14823	SU	0.25	NAT	3	4/15-12/15
FR14833	SU	0.09	NAT	3	4/15-12/15

Route	RD	MI	SUR	SEA	ROD
FR4767	CAL	0.14	NAT	3	4/15-12/15
FR5219	CAL	0.03	NAT	3	4/15-12/15
FR58051	SU	0.03	NAT	2	4/15-12/15
FR7181	CAL	0.16	AC	3	4/15-12/15
FR7368	GR	0.40	AC	2	year round
FR7856	GR	0.14	NAT	2	year round
FR8080	CAL	0.04	NAT	3	4/15-12/15
FR8319	CAL	0.86	NAT	3	4/15-12/15
FR8322	CAL	0.08	NAT	3	4/15-12/15
FR8323	CAL	0.06	NAT	3	4/15-12/15
FR8445	GR	0.04	AC	3	4/15-12/15
FR8797	GR	0.47	AC	2	
FR8925	CAL	0.04	AC	3	4/15-12/15
FR8991	GR	0.18	NAT	2	4/15-12/15
FR9330	CAL	0.11	NAT	3	4/15-12/15
FR9331	CAL	0.33	NAT	3	4/15-12/15
FR9843	GR	0.14	NAT	2	year round
FS83231	CAL	0.06	NAT	3	4/15-12/15
R10	CAL	0.20	NAT	2	4/15-12/15
total		2,270.36			

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
- ROD** Record of Decision
- SEA** Season of Use Elevation Zone
 - 1 year-round
 - 2 4/15-12/15 (with certain selected roads open year round)
 - 3 4/15-12/15 (with certain selected roads open year round)
- SU** Summit
- SUR** Surface

R.04 Additions to the NFTS: Modifications

Table R.04-1 lists modifications of Alternative 1 (Proposed Action) that drop additions to the NFTS along with the resource protection reasons.

Table R.04-1 Additions to the NFTS: Modifications

Route	RD	MI	SRC	Existing			ROD	Quad		DC	What	Why
				SYS	USE	SUR		#	Name			
11808B	GR	0.03	GIS	UNT	ALL	NAT	4WD	4571	Duckwall Mt	DC	Drop	CR
11908M	GR	0.13	GIS	UNT	ALL	NAT	4WD	4571	Duckwall Mt	DC	Drop	SOIL
15EV43C	MW	0.69	INV	UNT	ALL	NAT	4WD	4754	Columbia SE	DC	Drop	SOIL
16EV191	CAL	0.13	INV	UNT	ATV	NAT	ATV	4912	Calaveras Dome		Drop	SOIL; WAT
16EV79	MW	0.61	INV	UNT	MC	NAT	MC	4743	Twain Harte		Drop	CSO
16EV79	MW	0.85	INV	UNT	MC	NAT	MC	4742	Crandall Peak		Drop	CSO
17EV192	GR	0.63	INV	UNT	ALL	NAT	ALL	4574	Jawbone Ridge		Drop	WAT; WPT
17EV192A	GR	0.06	INV	UNT	ALL	NAT	ALL	4574	Jawbone Ridge		Drop	CR; WPT
17EV192B	GR	0.15	INV	UNT	ALL	NAT	ALL	4574	Jawbone Ridge		Drop	RLF; WPT
17EV194	GR	0.39	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge		Drop	RLF; WPT
17EV195	GR	0.50	INV	UNT	ALL	NAT	ALL	4574	Jawbone Ridge		Drop	RLF
17EV196	GR	0.19	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge		Drop	RLF
17EV197	GR	0.35	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge		Drop	RLF
17EV197	GR	0.46	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge		Drop	RLF
17EV197A	GR	0.05	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge		Drop	WPT
17EV249	MW	0.12	INV	UNT	ALL	NAT	4WD	4741	Strawberry		Drop	CR
17EV249A	MW	0.10	INV	UNT	ALL	NAT	4WD	4741	Strawberry		Drop	CR
17EV267	MW	0.22	INV	UNT	ALL	NAT	4WD	4741	Strawberry		Drop	CR
17EV268	MW	0.39	INV	UNT	ALL	NAT	4WD	4741	Strawberry		Drop	CR
17EV289	MW	0.66	INV	UNT	ATV	NAT	ATV	4743	Twain Harte		Drop	SOIL
17EV901	GR	0.37	INV	UNT	ALL	NAT	ALL	4574	Jawbone Ridge		Drop	WPT
18EV100	MW	0.31	INV	UNT	ATV	NAT	ATV	4744	Hull Creek		Drop	REC; WAT
18EV106	MW	0.41	INV	UNT	ALL	NAT	ALL	4744	Hull Creek		Drop	SOIL
18EV281	MW	0.05	INV	UNT	ALL	NAT	4WD	4732	Pinecrest	DC	Drop	CR
18EV310	MW	0.56	INV	UNT	ALL	NAT	4WD	4732	Pinecrest	DC	Drop	WSR
1S1728	GR	0.47	MAP	UNT	ALL	NAT	4WD	4574	Jawbone Ridge	DC	Drop	SOIL; WPT
1S17E35B	GR	0.34	INV	UNT	ATV	NAT	ATV	4574	Jawbone Ridge		Drop	RLF
1S17M	GR	1.13	MAP	UNT	ATV	NAT	ATV	4574	Jawbone Ridge		Drop	WAT; WPT
1S1902	GR	0.24	MAP	UNT	ALL	NAT	4WD	4561	Lake Eleanor	DC	Drop	WPT
1S1929	GR	0.15	MAP	UNT	ALL	NAT	4WD	4563	Ascension Mt	DC	Drop	WPT
1S1929C	GR	0.19	GIS	UNR	ALL	NAT	4WD	4563	Ascension Mt	DC	Drop	WPT
2N1820	GR	0.34	MAP	UNT	ALL	NAT	ALL	4744	Hull Creek		Drop	SOIL; WAT
2S1804	GR	0.94	MAP	UNT	ATV	NAT	ATV	4563	Ascension Mt		Drop	SOIL; WAT
31821H	MW	0.10	GIS	UNT	ALL	NAT	4WD	4733	Cherry Lake N	DC	Drop	REC; SOIL
FR10178	GR	0.64	MAP	UNR	ALL	NAT	4WD	4391	Buckhorn Peak		Drop	WPT
FR8516	GR	0.05	MAP	UNT	ALL	NAT	4WD	4382	Kinsley	DC	Drop	WPT
FR8601	GR	0.47	MAP	UNR	ALL	NAT	4WD	4564	Ackerson Mt	DC	Drop	WPT
FR98481	GR	0.03	INV	UNT	ALL	NAT	4WD	4382	Kinsley	DC	Drop	CR
FR98482	GR	0.06	INV	UNT	ALL	NAT	4WD	4382	Kinsley	DC	Drop	CR; WPT
FR98493	GR	0.02	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	DC	Drop	CR
FR98504	GR	0.07	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	DC	Drop	WPT
FR98507	GR	0.05	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	DC	Drop	CR
FR98508	GR	0.06	INV	UNT	ALL	NAT	4WD	4574	Jawbone Ridge	DC	Drop	RLF; WPT
FR98509	GR	0.03	INV	UNT	ALL	NAT	4WD	4574	Jawbone Ridge	DC	Drop	RLF; WPT
FR98510	GR	0.04	INV	UNT	ALL	NAT	4WD	4574	Jawbone Ridge	DC	Drop	RLF; WPT
FR98511	GR	0.15	INV	UNT	ALL	NAT	4WD	4382	Kinsley	DC	Drop	RLF; WPT
FR98513	GR	0.03	INV	UNT	ALL	NAT	4WD	4382	Kinsley	DC	Drop	RLF; WPT
FR98514	GR	0.04	INV	UNT	ALL	NAT	4WD	4382	Kinsley	DC	Drop	RLF; WPT
FR98541	GR	0.07	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	DC	Drop	CR; WPT

Route	RD	MI	SRC	Existing			ROD	Quad		DC	What	Why
				SYS	USE	SUR		#	Name			
FR98552	GR	0.03	INV	UNT	ALL	NAT	4WD	4563	Ascension Mt	DC	Drop	CR
FR98554	GR	0.04	INV	UNT	ALL	NAT	4WD	4382	Kinsley	DC	Drop	CR; WPT
FR98566	GR	0.05	INV	UNT	ALL	NAT	4WD	4391	Buckhorn Peak	DC	Drop	RLF; WPT
FR98575	GR	0.13	INV	UNT	ALL	NAT	4WD	4573	Groveland	DC	Drop	RLF; WPT
FR98612	MW	0.04	INV	UNT	ALL	NAT	4WD	4744	Hull Creek	DC	Drop	CR
FR98619	MW	0.11	INV	UNT	ALL	NAT	4WD	4754	Columbia SE	DC	Drop	SOIL
FR98671	GR	0.09	INV	UNT	ALL	NAT	4WD	4574	Jawbone Ridge	DC	Drop	CR
FR98690	MW	0.04	INV	UNT	ALL	NAT	4WD	4741	Strawberry	DC	Drop	CR
FR98691	MW	0.06	INV	UNT	ALL	NAT	4WD	4741	Strawberry	DC	Drop	CR
FR98704	MW	0.15	INV	UNT	ALL	NAT	4WD	4743	Twain Harte	DC	Drop	CR; SOIL; WAT
total		14.86										

Legend

4WD 4 Wheel Drive
ALL All Vehicles
ATV ATV (open to ATV and Motorcycle)
CAL Calaveras
CR Cultural Resources
CSO California Spotted Owl
DC Dispersed Camping Access
GIS Geographic Information System
GR Groveland
INV Inventory
MI Miles
MW Mi-Wok
NAT Native Material
RD Ranger District
RLF Red Legged Frog
SOIL Soil Resource
SRC Source
SUR Surface
SYS System (National Forest System)
UNR Unauthorized Road
UNT Unauthorized Trail
WAT Water Resources
WPT Western Pond Turtle
WSR Wild and Scenic River

R.05 Season of Use: Modifications

Table R.05-1 lists modifications of Alternative 1 (Proposed Action) that identify certain selected roads as open year round.

Table R.05-1 Season of Use: Modifications

Route	RD	MI	SUR	SEA	ROD
01N01	GR	1.58	AC	2	year round
01N01	GR	4.22	NAT	2	year round
01N01	GR	7.77	AGG	2	year round
01N04	GR	0.18	AC	3	year round
01N04	GR	0.44	AC	2	year round
01N04	MW	12.89	AC	2	year round
01N04	GR	12.93	AC	2	year round
01N07	GR	17.68	AC	2	year round
01N10	GR	6.62	NAT	2	year round
01N18Y	GR	0.35	AC	3	year round
01N25	MW	0.34	AGG	2	year round
01S03	GR	1.53	AC	2	year round
01S03	GR	9.75	AGG	2	year round
01S15	GR	2.51	AGG	2	year round
01S16	GR	1.85	AGG	2	year round
01S21	GR	0.37	AGG	2	year round
01S23Y	GR	0.67	AC	2	year round
01S30Y	GR	0.12	AC	2	year round
01S31Y	GR	0.16	NAT	2	year round
01S47	GR	0.97	AC	2	year round
01S47A	GR	0.65	AC	2	year round
01S47B	GR	0.06	AC	2	year round
01S52	GR	0.15	NAT	2	year round
01S67Y	GR	0.51	AC	2	year round
01S83	GR	0.67	AGG	2	year round
01S90	GR	0.06	AC	2	year round
02N01	MW	0.68	AC	2	year round
02N11	MW	2.60	AGG	2	year round
02N22	GR	2.27	AC	3	year round
02N44	MW	3.25	IMP	2	year round
02S02	GR	13.65	AGG	2	year round
02S16Y	GR	0.18	AGG	2	year round
03N01	GR	2.24	AGG	3	year round
03N01	GR	7.92	AC	3	year round
03N01	GR	10.44	AC	2	year round
03N24	MW	4.87	AGG	2	year round
03N77	MW	0.56	AGG	3	year round
03N80Y	MW	0.13	AC	3	year round
03N92	MW	1.18	AGG	3	year round
03N93	MW	0.91	AGG	3	year round
03N99	MW	2.52	AGG	2	year round
03S24	GR	0.08	AGG	2	year round
04N02	MW	1.40	AGG	2	year round
04N11X	CAL	0.12	AC	2	year round
04N20	SU	0.10	AC	3	year round
04N203B	SU	0.04	AC	3	year round
04N20A	SU	0.15	AC	3	year round
04N35A	SU	0.38	AC	3	year round
04N38	CAL	2.64	AC	3	year round
04N38	CAL	3.10	AGG	3	year round

Route	RD	MI	SUR	SEA	ROD
04N41Y	CAL	0.12	AGG	2	year round
04N80Y	CAL	3.06	AGG	3	year round
04N95	MW	1.06	NAT	3	year round
04N95	MW	1.16	AGG	3	year round
05N02	CAL	5.79	AC	3	year round
05N13X	SU	0.52	AC	3	year round
05N14	CAL	1.08	AGG	3	year round
05N14	CAL	4.25	BST	3	year round
05N24	CAL	0.16	AC	3	year round
05N89Y	CAL	0.13	AC	3	year round
05N97	SU	0.83	AC	3	year round
06N01	SU	0.83	AC	3	year round
07N01	CAL	0.27	AC	3	year round
07N01H	CAL	0.12	AC	3	year round
07N61Y	CAL	0.24	AGG	3	year round
FR14528	MW	0.02	AC	3	year round
FR7368	GR	0.40	AC	2	year round
FR7856	GR	0.14	NAT	2	year round
FR8797	GR	0.47	AC	2	year round
FR9843	GR	0.14	NAT	2	year round
total		167.21			

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
- ROD** Record of Decision
- SEA** Season of Use
- SU** Summit
- SUR** Surface

