

*Lassen National Forest*  
**Land and Resource Management Plan**

**Amendments, Policy, Laws, Regulation, Manual Direction**

Management Actions (Variables)	Standards and Guides (Objectives, Constraints, Requirements)	Allocations (Land and Resource)	Reference
<b>Road Management plan</b>	Develop and carry out a Road Management Plan that will meet the Riparian Management Objectives. As a minimum, this plan shall include provisions for the following activities: Conduct post storm inspections of roads known to contribute to degrading the riparian resources. Conduct timely maintenance if deficiencies are found. Inspect and maintain all roads providing for passenger car traffic (maintenance levels 3-5) during storms having a predicted high potential to cause problems. Inspect roads providing for high clearance future(maintenance level 1), following each storm having a runoff event with a recurrence interval of 1 years or greater. Correct deficiencies that would contribute to degrading riparian resources before the next storm. During annual road maintenance, give high priority to identifying and correcting road drainage problems that contribute to degrading riparian esources. During standards(maintenance levels 2-5).	Riparian Conservation Areas	HFQLG Mgt. Direction Appendix L <b>(RF-8)</b>
Road Location	Riparian Management Objectives	Anadromous Fisheries	HFQLG APP. L <b>(RF-1)</b>
Road Density	effectiveness	Forest wide	LRMP ch.4 (5.A.6)
Road design	Improvement to stream crossings which pose substantial risk (verbage on 100 year flood event included)	Forest wide	HFQLG Mgt. Direction <b>(RF-4)</b>
Interdisciplinary Review	improve/close/stabilize/obliterate...etc.	Riparian Conservation Areas	HFQLG APP. L <b>(RF-3)</b>
Subsurface flow		Riparian Conservation Areas	HFQLG APP. L <b>(RF-5)</b>
Sediment	Limit sediment delivery to streams	Anadromous Fisheries	HFQLG APP. L <b>(RF-6)</b>
Fish passage	Provide for fish passage	Anadromous Fisheries and Forest wide	HFQLG APP. L (RF-6); LRMP CH 4 (5.A.5)

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Water drafting	Water drafting site guidelines	Anadromous Fisheries	HFQLG APP. L <b>(RF-9)</b>
Road Construction	Roadless area Protection. The Regional Forester for Region 5 shall direct that any resource management activity required by subsection (d)(1) and (2), management under subsection (d)(4) that utilizes road construction or timber harvesting shall not be conducted on federal lands within the Plumas National Forest, Lassen National Forest, and Sierraville District of the Tahoe National Forest that are designated as either "Off Base" or "Deferred" on the map referred to in subsection (a). Such direction shall be effective during the term of the pilot project.	Roadless area	HFQLG APP. M (sec. 401, (b) (4))
<b>Ecosystem Analysis</b> Roads Management	Inventory maintenance level 1 and 2 roads (including unclassified roads) to augment the arterial and collector road inventory. Identify potential conflicts with water quality objectives or conflicts with threatened, endangered, and sensitive species. Identify a full range of road system management options, including road improvements, decommissioning, seasonal or multi-year road effects as well as administrative needs, such as fire access.	Forest wide	SNFP R.O.D. APP A pg 20
Riparian Improvement strategy	Alternatives 2,3, & 4: The establishment of wide protection zones is directed Scientific Analysis Team [SAT} guidelines for riparian system protection..."SAT 1993: 427-459).	Forest wide	HFQLG APP. R
Wheeled Vehicles	Allow wheeled vehicle travel on designated routes, trails, and off highway vehicle (OHV) areas. Each national forest may designate where OHV use is allowed. Unless otherwise restricted by existing forest plans or other area-specific standards and guidelines, allow cross-country travel by over snow vehicles.	Forest wide standards and guides	SNFP R.O.D. APP A pg 32

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Road construction, reconstruction and relocation	To protect watershed resources, meet the following standards...(1) design new stream crossings and replacement stream crossings for at least the 100-year flood, including bedload and debris; (2) design stream crossings to minimize the diversion of streamflow out of the channel and down the road in the event of a crossing failure; (3) design stream crossings to minimize disruption of natural hydrologic flow paths, including minimizing diversion of wetlands or minimize effects to natural flow patterns in wetlands; and (5) avoid road construction in meadows.	Forest wide standards and guides	SNFP R.O.D. APP A pg 32
Road construction, reconstruction and relocation	Conduct an integrated interdisciplinary transportation analysis, following the national roads analysis procedures, as part of landscape analysis. Complete	Forest wide standards and guides	SNFP R.O.D. APP A pg 32
Road construction, reconstruction	National management direction from the decision for the Roadless Rule Final EIS prohibits road construction and reconstruction in inventoried roadless areas and limits timber harvesting to projects designed for stewardship purposes.	Inventoried Roadless Areas	SNFP R.O.D. APP A pg 33
Road construction, reconstruction	Inventoried roadless areas. (a) A road may not be constructed or reconstructed in inventoried roadless areas of the National Forest System, circumstances that would allow construction of roads"	Inventoried Roadless Areas	36 CFR Part 294, Subpart B- Protection of Inventoried Roadless Areas
Proposals for new roads, trails, etc.	Evaluate proposals for new roads, trails, off highway vehicle routes, and recreational and other developments for their potential to disturb nest sites. Mitigate impacts where there is documented evidence of disturbance to the nest site from existing recreation, off highway vehicle route, trail, and road uses (including road mainatenance)	California Spotted Owl Protected Activity Centers	SNFPA R.O.D. APP A pg 35 - 40
Proposals for new roads, trails, etc.	same as above	Northern Goshawk Protected Activity Centers (PACs)	SNFPA R.O.D. APP A pg 35 - 40
Proposals for new roads, trails, etc.	same as above	Great Gray Owl Protected Activity Centers (PACs)	SNFPA R.O.D. APP A pg 35 - 40
Proposals for new roads, trails, etc.	same as above..."Den sites"	Forest Carnivore Den Sites	

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<b>RCO#1</b> sediment, compaction,...etc.	Identify existing and potential sources of sediment delivery to aquatic systems. Implement preventative and restoration measures, such as extent of compacted surfaces, or revegetating disturbed sites to reduce or eliminate sediment delivery from these sources to aquatic systems	Riparian Conservation Areas	SNFPA ROD Appendix A, pg. 53-54
<b>RCO#2</b> connectivity, fish passage, water drafting, dispersed recreation...etc.	wetlands, and other special aquatic features by identifying roads and trails that intercept, divert, or disrupt natural surface and subsurface water flow paths. Implement corrective actions where necessary to restore connectivity. Ensure that culverts or other stream crossings do not create barriers to adverse effects to in stream flows and depletion of pool habitat....Prevent shorelines caused by resource activities(for example, livestock, off-highway reach or 20 percent of natural lake and pond shorelines.	Riparian Conservation Areas	SNFP R.O.D. APP A pg 53 - 59
<b>RCO#4</b> water drafting pumps, Assessments...etc.	Use screening devices for water drafting pumps....Minimize the construction of new skid trails or roads for access into RCA's for fuel developed recreation sites, dispersed campgrounds, special use permits, conditions that degrade water quality or habitat for aquatic-riparian-dependent species. At the project level, determine if use is consistent with other standards and guidelines or desired conditions. If inconsistent, modify the use through redesign, rehabilitation, relocation, closure or re-directing the use to a more suitable loaction.	Riparian Conservation Areas	SNFPA ROD Appendix A, pg. 57
Road Construction	To the extent possible , construct no new roads in potential flycatcher habitat.	Willow Flycatcher	SNFP R.O.D. APP A pg 61
Minimum road system, road maintenance,	closure would generally be made essentially self-maintaining before being closed. Culverts that required periodic maintenance to prevent failure would generally be removed.	Forest wide	SNFP Vol 1 Ch 2

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