

# **APPENDIX A**

## **ROADWAY TERMINOLOGY**

**Columbia River Gorge National Scenic Area**  
**USDA Forest Service**  
**Roads Analysis – November 2002**  
**Roadway Terminology**

**Access Rights.** A privilege or right of a person or entity to pass over or use another person's or entity's travel way. (36 CFR 212.1, FSM 5460.5- Rights of Way Acquisition, FSM 7700 – Transportation System)

**Annual Maintenance.** Work performed to maintain serviceability, or repair failures during the year in which they occur. Includes preventative and/or cyclic maintenance performed in the year in which it is scheduled to occur. Unscheduled or catastrophic failures of components or assets may need to be repaired as a part of annual maintenance. (Financial Health – Common Definitions for Maintenance and Construction Terms, July 22, 1998)

**Arterial Road.** A forest road that provides service to large land areas and usually connects with other arterial roads or public highways. (FSH 7709.54 – Forest Transportation Terminology Handbook, no longer in print)

**Capital Improvement.** The construction, installation, or assembly of a new fixed asset, or the significant alteration, expansion, or extension of an existing fixed asset to accommodate a change of purpose. (Financial Health – Common Definitions for Maintenance and Construction Terms, July 22, 1998)

**Classified Road.** Road wholly or partially within or adjacent to National Forest System lands that are determined to be needed for long-term motor vehicle access, including State roads, county roads, privately owned roads, National Forest System roads, and other roads authorized by the Forest Service. (36 CFR 212.1, FSM 7705 – Transportation System)

**Collector Road.** A forest road that serves smaller land areas than an arterial road. Usually connects forest arterial roads to local forest roads or terminal. (FSH 7709.54 – Forest Transportation Terminology Handbook, no longer in print)

**Construction (new).** The erection, construction, installation, or assembly of a new fixed asset. (Financial Health – Common Definitions for Maintenance and Construction Terms, July 22, 1998)

**Critical Need.** A requirement that addresses a serious threat to public health or safety, a natural resource, or the ability to carry out the mission of the organization. (Financial Health – Common Definitions for Maintenance and Construction Terms, July 22, 1998)

**Critical Vehicle.** The vehicle, normally the largest (by weight, size, or unique configuration), whose limited use on the road is necessary to complete the planned activity. (FSH 7709.56, Sec. 41 – Road Preconstruction Handbook)

**Culvert.** A conduit or passageway under a road, trail, or other obstruction. A culvert differs from a bridge in that it is usually constructed entirely below the elevation of the traveled way. (EM 7720-100R, EM 7720-100LL, Sec. 102)

**Decommission.** Demolition, dismantling, removal, obliteration and/or disposal of a deteriorated or otherwise unneeded asset or component, including necessary cleanup work. This action eliminates the deferred maintenance needs for the fixed asset. Portions of an asset or component may remain if they do not cause problems nor require maintenance. (Financial Health- Common Definitions for Maintenance and Construction Terms, July 22, 1998)

**Deferred Maintenance.** Maintenance that was not performed when it should have been or when it was scheduled and which, therefore, was put off or delayed for a future period. When allowed to accumulate without limits or consideration of useful life, deferred maintenance leads to deterioration of performance, increased cost to repair, and decrease in asset value. Deferred maintenance needs may be categorized as critical or non-critical at any point in time. Continued deferral of non-critical maintenance will normally result in an increase in critical deferred maintenance. Code compliance (e.g. like safety, ADA, OSHA, environmental, etc.), Forest Plan Direction, Best Management Practices, Biological Evaluations and other applicable standards not met on schedule are considered deferred maintenance. (Financial Health- Common Definitions for Maintenance and Construction Terms, July 22, 1998)

**Designed Speed.** The speed determined for design and correlation of the physical features of a route that influence vehicle operation. The maximum safe speed that the design vehicle can maintain over a specified segment of a route when conditions are so favorable that the design features of the road, rather than operational limitations of the vehicle, govern. The design speed is the safe speed for the design situation only. (FSH 7709.56, Sec. 4.25 – Road Preconstruction Handbook)

**Design Vehicle.** The vehicle frequently using the road that determines the minimum standard for a particular design element. No single vehicle controls the standards for all design elements for a road. Determine the maximum and the minimum standards from the type and configuration of the vehicles using the road. Analyze each design element to determine which vehicle governs the standard for that element. (FSH 7709.56, Sec. 4.1 – Road Preconstruction Handbook)

**Emergency Need.** An urgent maintenance need that may result in injury, illness, or loss of life, natural resource, or property; and must be satisfied immediately. Emergency needs generally require a declaration of emergency or disaster, or a finding by a line officer that an emergency exists. (Financial Health- Common Definitions for Maintenance and Construction Terms, July 22, 1998)

**Forest Road.** As defined in Title 23, Section 101 of the United States Code (23 U.S.C. 101), any road wholly or partly within, or adjacent to, and serving the National Forest System and which is necessary for the protection, administration, and utilization of the National Forest System and the use and development of its resources. (FSM 7705- Transportation System)

**Forest Highway.** A forest road under the jurisdiction of, and maintained by, a public authority and open for public travel. (USC: Title 23, Section 101(a))

**Forest Transportation Atlas.** An inventory, description, display, and other associated information for those roads, trails, and airfields that are important to the management and use of the National Forest System lands or to the development and use of resources upon which communities within or adjacent to the National Forest depend. (36 CFR 212.1)

**Forest Transportation Facility.** A classified road, designated trail, or designated airfield, including bridges, culverts, parking lots, log transfer facilities, safety devices and other transportation network appurtenances under Forest Service jurisdiction that is wholly or partially within or adjacent to National Forest System lands. (36 CFR 212.1, FSM 7705 – Transportation System)

**Forest Transportation System Management.** The planning, inventory, analysis, classification, record keeping, scheduling, construction, reconstruction, maintenance, decommissioning and other operations undertaken to achieve environmentally sounds, safe, cost-effective, access for use, protection, administration, and management of the National Forest System lands. (FSM 7705-Transportation System)

**Functional Class.** The way a road services land and resource management needs, and the character of service it provides. (FSH 7709.54, Forest Transportation Terminology handbook, no longer in print)

**Health and Safety Need.** A requirement that addresses a threat to human safety and health (e.g. violations of National Fire Protection Association 101 Life Safety Code or appropriate Health Code) that requires immediate interim abatement and/or long-term permanent abatement. (Financial Health – Common Definitions for Maintenance and Construction Term, July 22, 1998)

**Jurisdiction.** The legal right to control or regulate use of a transportation facility. Jurisdiction requires authority, but not necessarily ownership. The authority to construct or maintain a road may be derived from fee title, an easement, or some other similar method. (FSM 7705 – Transportation System)

**Local Road.** A forest road that connects terminal facilities with forest collector, forest arterial or public highways. Usually forest local roads are single purpose transportation facilities. (FSH 7709.54 – Forest Transportation Terminology Handbook, no longer in print)

**Maintenance.** The preservation of the entire highway, including surface, shoulders, roadsides, structures and such traffic control devices as are necessary for its safe and efficient utilization. (USC: Title 23, Section 101 (a))

**Maintenance.** The upkeep of the entire forest development transportation facility including surface and shoulders, parking and side areas, structures, and such traffic control devices as are necessary for its safe and efficient utilization (36 CFR 212.2(i))

**Maintenance.** The act of keeping fixed assets in acceptable condition. It includes preventative maintenance normal repairs; replacement of parts and structural component, and other activities needed to preserve a fixed asset so that it continues to provide acceptable service and achieves its expected life. Maintenance excludes activities aimed at expanding the capacity of an asset or otherwise upgrading it to serve needs different from, or significantly greater than those originally intended. Maintenance includes work needed to meet laws, regulations, codes, and other legal direction as long as the original intent or purpose of the fixed asset is not changed. (Financial Health – Common Definitions for Maintenance and Construction Terms, July 22, 1998)

**Maintenance Level.** Defines the level of service provided by, and maintenance required for, a specific road, consistent with road management objectives and maintenance criteria. (FSH 7709.58, Sec. 12.3 – Transportation System Maintenance Handbook)

**Maintenance Level 1:** Assigned to intermittent service roads during the time they are closed to vehicular traffic. The closure period must exceed 1 year. Basic custodial maintenance is performed to keep damage to adjacent resource to an acceptable level and to perpetuate the road to facilitate future management activities. Emphasis is normally given to maintaining drainage facilities and runoff patterns. Planned road deterioration may occur at this level. Appropriate traffic management strategies are “prohibit” and “eliminate”. Roads receiving level 1 maintenance may be of any type, class, or construction standard and may be managed at any other maintenance level during the time they are open for traffic. However, while being maintained at level 1, they are closed to vehicular traffic, but may be open and suitable for non-motorized uses.

**Maintenance Level 2:** Assigned roads open for use by high clearance vehicles. Passenger car traffic is not a consideration. Traffic is normally minor, usually consisting of one or a combination of administrative, permitted, dispersal recreation, or other specialized uses. Log haul may occur at this level. Appropriate traffic management strategies are either (1) discourage or prohibit passenger cars or (2) accept or discourage high clearance vehicles.

**Maintenance Level 3:** Assigned to roads and maintained for travel by a prudent driver in a standard passenger car. User comfort and convenience are not considered priorities. Roads in this maintenance level are typically low speed, single lane with turnouts and spot surfacing. Some roads may be fully surfaced with either native or processed material. Appropriate traffic management strategies are either “encourage” or “accept.” “Discourage” or “prohibit” strategies may be employed for certain classes of vehicles or users.

**Maintenance Level 4:** Assigned to roads that provide a moderate degree of user comfort and convenience at moderate travel speeds. Most roads are double lane and aggregate surfaced. However, some roads may be single lane. Some roads may be paved and/or dust abated. The most appropriate traffic management strategy is “encourage.” However, the “prohibit” strategy may apply to specific classes of vehicles or users at certain times.

**Maintenance Level 5:** Assigned to roads that provide a high degree of user comfort and convenience. Normally, roads are double-lane, paved facilities. Some may be aggregate surfaced and dust abated. The appropriate traffic management strategy is “encourage.”

**Major Culvert.** A culvert that provides an opening of more than 35 square feet (3.3 m<sup>2</sup>) in a single or multiple installation. A major culvert may consist of a single round pipe, pipe arch, open or closed-bottom box, bottomless arch, or multiple installation of these structures placed adjacent or contiguous as a unit. Certain major culverts are classified as bridges when they provide an opening of more than 20 feet (6.1m), measured parallel to the roadway; such culverts may be included in the bridge inventory. See “Federal Highway Administration Coding for Bridge Inventory and Appraisal.” Items 49 and 112 (sec 8.08) for culverts being classified as bridges. (FSH 7709.56b, Sec 05 – Transportation Structures Handbook)

**Minor Culvert.** Any culvert not classified as a major culvert. (FSH 7709.56b, Sec 05 – Transportation Structures Handbook)

**Mission Need.** A requirement that addresses a threat or risk to carrying out the mission of the organization. Needs related to administration and providing services (transportation, recreation, grazing, etc.). Needs not covered by health and safety or natural resource protection. (Financial Health – Common Definitions for Maintenance and Construction Terms, July 22, 1998)

**National Forest System Road.** A classified forest road under the jurisdiction of the Forest Service. The term “National Forest System roads” is synonymous with the term “forest development roads” as used in 23 U.S.C. 205. (FSM 7705- Transportation System)

**New Construction.** The erection, construction, installation, or assembly of a new fixed asset. (Financial Health- Common Definitions for Maintenance and Construction Terms, July 22, 1998)

**New Road Construction.** Activity that results in the addition of forest classified or temporary road miles. (36 CFR 212.1, FSM 7705 – Transportation System)

**Noncritical Need.** A requirement that addresses potential risk to public or employee safety or health, compliance with codes, standards, regulations, etc.. or mission accomplishment. (Financial Health- Common Definitions for Maintenance and Construction Terms, July 22, 1998)

**Objective Maintenance Level.** The maintenance level to be assigned at a future date considering future road management objectives, traffic needs, budget constraints, and environmental concerns. The objective maintenance level may be the same as, or higher or lower than, the operational maintenance level. (FSH 7709.58 Sec 12.3 – Transportation System Maintenance Handbook)

**Open for Public Travel.** The road section is available and passable by four wheeled standard passenger cars, and open to the general public for use without restrictive gates, prohibitive signs, or regulation other than restrictions based on size, weight or class of registration, except during scheduled periods, extreme weather or emergency conditions. (23 CFR 460.2(c)).

**Operational Maintenance Level.** The maintenance level currently assigned to a road considering today’s needs, road condition, budget constraints, and environmental concerns. It defines the level to which the road is currently being maintained. (FSH 7709.58 Sec 12.3 – Transportation System Maintenance Handbook)

**Other System.** Additional network(s) of travel ways serving a common need or purpose, managed by an entity with the authority to finance, build, operate and maintain the routes. (U.S.C. 101 23 CFR 660, FSM 7740.5 – Federal Lands Highway Programs)

**Primary Maintainer.** The agency or party having primary (largest share) financial responsibility for maintenance. (FSH 7709.58, Chapter 13 – Transportation System Maintenance Handbook)

**Private Road.** A road under private ownership authorized by easement to a private party, or a road which provides access pursuant to a reserved or private right. (FS-643, Roads Analysis; Informing Decisions About Managing the National Forest Transportation System, August 1999)

**Public Authority.** A Federal, state, or county, town or township, Indian tribe, municipal or other local government or instrumentality thereof, with authority to finance, build, operate or maintain toll or toll-free highway facilities. (23 CFR 460.2(b))

**Public Forest Service Road.** A National Forest System Road that is open to public travel and has been approved for inclusion into the Public Forest System Road Program.

**Public Road.** Any road or street under the jurisdiction of and maintained by a public authority and open to public travel. (23 U.S.C. 101(a), 23 CFR 460.2(a), FSM 7705 – Transportation System)

**Resource Protection Need.** A requirement that addresses a threat or risk of damage, obstruction, or negative impact to a natural resource. (Financial Health – Common Definitions for Maintenance and Construction Terms, July 22, 1998)

**Road.** A motor vehicle travelway over 50 inches wide, unless designated and managed as a trail. A road may be classified, unclassified, or temporary. (36 CFR 212.1, FSM 7705 – Transportation System)

**Road Decommissioning.** Activities that result in the stabilization and restoration of unneeded roads to a more natural state. (36 CFR 212.1 FSM 7705 – Transportation System)

**Road Improvement.** Activity that results in an increase of existing road's traffic service level, expands its capacity, or changes its original design function. (FSM 7705 – Transportation System)

**Road Maintenance.** The ongoing upkeep of a road necessary to retain or restore the road to the approved road management objective. (FSM 7705 – Transportation System)

**Road Management Objectives (RMO).** Defines the intended purpose of an individual road based on management area direction and access management objectives. Road management objectives contain design criteria, operation criteria, and maintenance criteria. (FSH 7709.55, Sec 33 – Transportation Planning Handbook)

**Road Realignment.** Activity that results in a new location of an existing road or portions of an existing road and treatment of the old roadway. (FSM 7705 – Transportation System)

**Road Reconstruction.** Activity that results in a Road Improvement or Road Realignment of an existing classified road. (FSM 7700 – Transportation System)

**Service Life.** The length of time that a facility is expected to provide a specified service. (FSH 7709.56b, Sec 05 – Transportation Structures Handbook)

**State.** Any one of the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and American Samoa. (23 CFR 460.2(e))

**Subject to the Highway Safety Act.** National Forest System roads that are open to use by the public for standard passenger cars. This includes roads with access restricted on a seasonal basis and roads closed during extreme weather conditions or for emergencies, but which are otherwise open for general public use. (FSM 7705 – Transportation System)

**Temporary Road.** Road authorized by contract, permit, lease, other written authorization, or emergency operation not intended to be a part of the forest transportation system and not necessary for long-term resource management. (36 CFR 212.1, FSM 7705 – Transportation System)

**Traffic Service Level.** Describes the significant characteristics and operating conditions of a road. (FSH 7709.56, Ch. 4 – Road Preconstruction Handbook, FSM 7705 – Transportation System)

**Transportation Facility Jurisdiction.** The legal right to control or regulate use of a transportation facility derived from fee title, an easement, an agreement, or other similar method. While jurisdiction requires authority, it does not necessarily reflect ownership. (FSM 7705 – Transportation System)

**Traveled Way.** The portion of the roadway used for the movement of vehicles; not including turnouts, exclusive of shoulders and auxiliary lanes. (EM 7720 – 100LL, Section 102)

**Unclassified Roads.** Roads on the National Forest System lands that are not managed as part of the forest transportation system, such as unplanned roads, abandoned travelways, and off-road vehicle tracks that have not been designated and managed as a trail' and those roads that were once under permit or other authorization and were not decommissioned upon the termination of the authorization. (36 CFR 2121.1, FSM 7705 – Transportation System)

# APPENDIX B

## ROADS ANALYSIS RECOMMENDATIONS

**UPDATED NOVEMBER, 2003 TO REFLECT MINOR CHANGES TO THE  
ROAD SYSTEM SINCE MARCH, 2003.**

### KEY:

**OP\_ML = OPERATIONAL MAINTENANCE LEVEL**

**OB\_ML = OBJECTIVE MAINTENANCE LEVEL**

**RD MGMT = ROAD MANAGEMENT**

**OP = Open for Passenger Cars**

**OH = Open for High Clearance Vehicles**

**SO = Seasonally Open (e.g., campgrounds)**

**CN = Close Naturally (allow to brush in)**

**CD = Close with a Device (berm, waterbar)**

**CA = Close Administratively (gate, sign)**

**DE = Decommission**

**RT = Convert to Trail**

### PRIORITIES

**L = Low**

**M = Medium**

**H = High**

## ROADS ANALYSIS RECOMMENDATIONS

RD #	NOTES	Length	OP_ML	OB_ML	RD MGMT	PRIORITY MAINT.	PRIORITY CLOSURE
1000	VIENTO RIDGE	0.8	2	2	OH	M	
1000102		0.3	2	1	CN	L	L
1000104		0.2	2	1	CN	L	L
1004000		0.2	2	D	DE		L
1230001	'CD' IN PLACE (BERM)	0.2	1	1	CD		H
1230005	'CA' IN PLACE (GATE)	0.9	1	1	CA		H
1230015	'CA' IN PLACE (1230020 GATE)	0.3	2	1	CA	L	H
1230020	'CA' IN PLACE (GATE)	0.3	2	2	CA	H	H
1230020	'CA' IN PLACE (GATE)	1.3	2	1	CA	H	H
1230021	'CA' IN PLACE (1230020 GATE)	0.7	2	2	CA	H	H
1230024	DON'T INCLUDE AS NFSR						
1230030	'CA' IN PLACE (GATE)	0.4	2	2	CA	H	H
1230030	DON'T INCLUDE AS NFSR (JUR=BIA)						
1230030	'CA' IN PLACE (GATE)	0.5	2	2	CA	H	H
1230225	MAJOR CREEK QUARRY	0.1	2	1	CN	L	L
1230241	LIFE ESTATE	0.1	3	3	OP	M	
1230312		0.1	2	D	DE		L
1230580	SCOTT THOMAS	0.2	3	3	OP	M	
1400	KUEFFLER	0.5	3	3	OP	H	
1400	KUEFFLER	3.8	2	2	OH	H	
1400	KUEFFLER	1.4	2	2	OH	L	
1400018	DON'T INCLUDE AS NFSR						
1400018	DON'T INCLUDE AS NFSR						
1400030	PERHAM CREEK	1.7	2	1	CD OR CA	H	H
1400032	MITCHELL	0.9	2	1	CD OR CA	H	H
1400034		0.1	2	1	CD OR CA	M	M
1400036		0.2	2	1	CD OR CA	M	H
1400036	'CD' IN PLACE (BERM)	0.8	1	1	CD OR CD		H
1400038		0.4	2	1	CD OR CA	M	M
1403000		1.4	2	1	CD		M
1403005	RIDGE LINE	0.4	2	1	CN	L	L
1403007		0.4	2	1	CD		H
1404000	DON'T INCLUDE AS NFSR						
1404030	DON'T INCLUDE AS NFSR						
1405000		0.6	2	1	CD		H
1405007	DON'T INCLUDE AS NFSR						
1420000		0.1	2	2	OH	L	
1420010	LOCATION OF BERM?	0.2	2	1	CD		H
1421000		1.8	2	2	OH	L	
1421000		0.6	1	1	CD		L
1430000	1400 TO WOODWARD CREEK	0.5	2	2	OH	H	
1430000	WOODWARD CREEK TO NSA BDRY.	1.5	2	2	OH	L	
1430199		0.4	2	1	CN	L	L
1450000	POSSIBLE 'RT'; 'CA' IN PLACE (GATE)	1.5	1	1	CA		H
1460000	PACIFIC	0.5	3	3	OP	H	
1500020	'DE' ONE ENTRANCE & PORTION OF RD (SU)	0.2	2	2 OR D	OH OR DE	L	M
1500021	LARCH MTN. TRAILHEAD	0.2	4	4	OP(SO)	H	
1500025	COLUMBIA AVENUE	0.2	3	3	OP	M	
1500036	'CA' IN PLACE (GATE)	0.3	2	2	CA	L	H
1500150	'CA' IN PLACE (GATE)	0.8	2	1	CA	L	H
1500315	'CA' IN PLACE (GATE)	0.4	2	1	CA	L	H
1502170	PRIVATE EASEMENT? 'CD' IN PLACE (ROOTWAD)	0.1	1	1	CD		L
1502281		0.2	3	3	OP	M	

1502283		0.3	3	3	OP	M	
1504166	PEPPER MTN	0.2	3	3	OP	M	
1504166	'CD' IN PLACE (BERM)	0.7	1	1	CD		H
1504168	'CD' IN PLACE (1504166 BERM)	0.4	1	1	CD		H
1504170	'CD' IN PLACE (1504166 BERM)	0.4	1	1	CD		H
1520000	'CA' IN PLACE (GATE)	2.8	2	2	CA	H	H
1520129	'CA' IN PLACE (1520 GATE)	2.8	2	2	CA	H	H
1520150	'CA' IN PLACE (1520 GATE)	0.1	2	1	CA	L	H
1700085	HUSUM LAUNCH SITE	0.1	2	4	OP	H	
1700126	WHITE SALMON RD LAUNCH@BZ	0.1	3	4	OP	H	
1800	DON'T INCLUDE AS NFSR						
1810		1	2	2	OH	M	
1811	RED BLUFFS	0.6	2	2	OH	H	
1811	RED BLUFFS	0.5	2	2	OH	H	
1811	RED BLUFFS	1.4	2	1	CD		H
1811106		0.6	2	1	CN	L	L
1811106		0.4	2	D	DE		H
1811108		0.2	2	D	DE		H
1811108		0.5	1	D	DE		H
1811162		0.2	2	D	DE		H
1850239	OREGON VIEW	0.8	3	3	OP	M	
1850244		0.9	2	1	CD		H
1850290	"SR-14 SCENIC ENHANCEMENTS" BLOCK	0.6	2	D	DE		H
1850290	DON'T INCLUDE AS NFSR						
1850290	DON'T INCLUDE AS NFSR						
1850293		0.1	2	2	OH	M	
1850299	ST. CLOUD REC. AREA	0.1	4	4	OP	H	
1850319	DON'T INCLUDE AS NFSR						
1850319	DON'T INCLUDE AS NFSR						
1850319	'DE' POWERLINE TO SR-14	0.6	1	D	DE		H
1850321		0.4	2	D	DE		M
1850323		0.3	2	1	CN	L	L
1850332	SAMS-WALKER SITE	0.1	3	3	OP	H	
1850370	DON'T INCLUDE AS NFSR						
1850370	'DE' MP 0.3-1.0	0.7	2	D	DE		M
1850372	DON'T INCLUDE AS NFSR						
1850372	HAMILTON QUARRY	0.4	2	1	CN	L	M
1850397	BONNEVILLE TH	0.1	4	4	OP	H	
1850397-A	TRAILER PARKING	0.1	4	4	OP	H	
1850529		0.1	2	2	OH	M	
1850529	'CA' IN PLACE (GATE)	0.2	2	2	CA	L	H
1850531	GRANT LAKE	0.2	2	D	DE		H
1850533	'CA' IN PLACE (1850529 GATE)	0.2	2	2	CA	L	H
1850537	DOG MTN. TH	0.1	3	4	OP	H	
1850918	'CA' IN PLACE (GATE)	0.5	2	2	CA	M	H
1850945	DON'T INCLUDE AS NFSR						
1850945	DON'T INCLUDE AS NFSR						
1851085		0.1	2	1	CN	L	L
1851223	MT. ZION	0.7	3	3	OP	M	
1851236	RIM DRIVE	0.3	3	3	OP	M	
1851238		0.1	2	1	CN	L	L
1851238		0.1	2	D	DE		L
1852000	'CA' IN PLACE (GATE)	0.7	3	3	CA	M	H
1852000	'CA' IN PLACE (GATE)	0.2	2	2	CA	L	H
1852147	'CN' COMPLETE (BRUSHED IN)	0.5	1	1	CN		H
1852215	'CA' IN PLACE (1852 GATE)	0.4	3	3	CA	M	H
1853000	'CA' IN PLACE (GATE)	0.1	2	2	CA	L	H
1853000	'CA' IN PLACE (GATE)	0.7	2	2	CA	L	H
1853013	SNOWBERRY LANE	0.2	3	3	OP	M	
1853100		0.2	3	3	OP	H	
1853157		0.1	2	D	DE		H
1853159	'CA' IN PLACE (1853 GATE)	0.3	2	2	CA	L	H
1854000	DUNCAN CREEK	0.2	2	2	OH	H	
1854000	DUNCAN CREEK	1.2	2	2	OH	H	

1854163	ARCHER MTN	0.2	3	3	OP	M	
1854262	DIMRILL-DALE	0.8	3	3	OP	H	
1854263		0.1	2	1	CN	L	M
1854264	'CN' COMPLETE (BRUSHED IN)	0.1	1	1	CN		M
1854265		0.1	2	D	DE		H
1854266		0.1	2	1	CN	L	M
1854279	DON'T INCLUDE AS NFSR						
1854351		0.2	2	D	DE		H
1854386	CEDAR SWAMPS	0.2	2	2	OH	H	
1854386	CEDAR SWAMPS	0.7	2	2	OH	H	
1854386	CEDAR SWAMPS	1.1	2	2	OH	H	
1854386	CEDAR SWAMPS	0.3	2	2	OH	H	
1854388		0.3	2	1	CN	L	M
1854409		0.3	2	1	CN	L	L
1854428	DON'T INCLUDE AS NFSR						
1854428	MARS LANDING	0.2	3	3	OP	M	
1854430		0.3	2	1	CN	L	L
1854432		0.1	2	D	DE		H
1854473	WOODARD CREEK	0.3	2	2	OH	H	
1854473	WOODARD CREEK	0.2	2	2	OH	H	
1854473	WOODARD CREEK	0.1	2	1	CN	L	M
1854475	'CA' IN PLACE (GATE)	0.2	2	2	CA	H	H
1854477	'CD' IN PLACE (CROSS DITCH)	0.2	1	1	CD	L	L
1855191	66' Esmt.	0.2	2	2	OH	L	
1855191	CARPENTERS LAKE	1.5	2	1	CN	L	M
1855193	DON'T INCLUDE AS NFSR						
1856092	DON'T INCLUDE AS NFSR						
1856094	DON'T INCLUDE AS NFSR						
1857048	HIDDEN LAKES	0.5	2	1	CN	L	M
1857051	'CA' IN PLACE (WIRE ROPE)	0.1	2	2	CA	L	H
1857098	FROG LAKE	0.3	2	2	OH	H	
1857160	GALLANT	0.2	3	3	OP	M	
1857160	GALLANT	0.1	2	1	CN	L	L
1857160	GALLANT	0.5	2	1	CN	L	L
1857160	'CN' COMPLETE (BRUSHED IN)	0.1	1	1	CN	L	L
1857160	GALLANT	0.3	2	1	CN	L	L
1857160	GALLANT	0.2	2	1	CN	L	L
1857198		0.1	3	3	OP	M	
1858105		0.2	2	D	DE		L
1858120	LOCKE	0.4	3	3	OP	M	
1858122		0.2	2	2	OH	H	
1858126		0.7	2	1	CN	L	M
1858175	WINDY BLUFF	0.4	3	3	OP	M	
1858218	RAINBOW'S END	0.3	3	3	OP	M	
1858218	RAINBOW'S END	0.1	2	1	CN	L	M
1858218	RAINBOW'S END	0.1	3	3	OP	M	
1858228		0.4	2	1	CN	L	M
1858230		0.4	1	1	CN	L	M
1858230		0.1	2	1	CN	L	M
1858230		0.2	2	1	CN	L	M
1858232		0.1	2	1	CN	L	M
1858235		0.1	2	1	CN	L	M
1859150	'CA' IN PLACE (GATE)	0.3	2	2	CA	L	L
1860009	LYLE PARK	0.1	2	4	OP	H	
1860075	HOMESTEAD	0.5	2	1	CN	L	M
1860076	OLD WAGON	0.3	2	D	DE		H
2000	RED BLUFF	0.4	2	2	OH	M	
2020000	GREENLEAF	6.3	2	2	OH	H	
2025000	COORDINATE GATE LOCATION W/DNR	1.4	2	2	CA	H	H
2025000	DON'T INCLUDE AS NFSR (MP 1.4-1.9)						
2026000		3	2	2	CA	H	H
2026044		0.2	2	2	CA	L	H
2026241		0.2	2	2	CA	H	H
2130105	SEVENMILE HILL QUARRY	0.4	2	D	DE		H

2132350	ELLETT	0.7	3	3	OP	H	
2132350	'CA' IN PLACE (GATE)	0.4	2	2	CA	L	H
2132351	DON'T INCLUDE AS NFSR						
2132355	'CA' IN PLACE (2132350 GATE)	0.4	2	1	CA	L	H
2132355	'CA' IN PLACE (2132350 GATE)	0.3	2	1	CA	L	H
2132355	'CA' IN PLACE (2132350 GATE)	0.1	2	1	CA	L	H
2132355	'CA' IN PLACE (2132350 GATE)	0.2	2	1	CA	L	H
2132356	'CA' IN PLACE (2132350 GATE)	0.1	2	1	CA	L	H
2700	LARSON LAKES	2.8	2	2	OH	M	
2700	DON'T INCLUDE AS NFSR						
2700	LARSON LAKES	1.9	2	2	OH	M	
2700	LARSON LAKES	0.4	2	2	OH	M	
2700	LARSON LAKES	0.5	2	2	OH	M	
2700030		0.2	2	D	DE		H
2700046		0.3	1	D	DE		H
2700106	DON'T INCLUDE AS NFSR						
2700110	DON'T INCLUDE AS NFSR						
2700149	DON'T INCLUDE AS NFSR						
2700168	DON'T INCLUDE AS NFSR						
2700168	DON'T INCLUDE AS NFSR						
2700238	GATE W/DOE	2.2	2	2	CA	M	H
2700238	DON'T INCLUDE AS NFSR (GATE W/DOE)						
2700240	DON'T INCLUDE AS NFSR						
2700242	DON'T INCLUDE AS NFSR						
2700244	DON'T INCLUDE AS NFSR						
2700246		0.2	2	1	CN	L	L
2700252		0.2	2	D	DE		H
2700264		0.8	2	D	RT		H
2700264	GATE W/DOE	2.8	2	2	CA	M	H
2700390	DON'T INCLUDE AS NFSR						
2700390	DON'T INCLUDE AS NFSR						
2700459	DON'T INCLUDE AS NFSR						
2700469	AUGSPURGER QUARRY	0.1	2	2	OH	L	
2700470	DON'T INCLUDE AS NFSR						
2700640		0.4	2	1	CN	L	M
2700640	CD' AFTER SILVICULTURAL ACTIVITY	0.6	2	1	CD		H
2700642	CD' AFTER SILVICULTURAL ACTIVITY	0.1	2	1	CD		H
2700644	CD' AFTER SILVICULTURAL ACTIVITY	0.2	2	1	CD		H
2702000		0.1	2	2	OH	M	
2702000		2.2	2	2	OH	M	
2702128	NOT NFSR (GAS CO.)						
2702139		0.1	2	D	DE		H
2702240	DON'T INCLUDE LAST 0.1 MILE AS NFSR	0.9	2	2	OH	M	
2702251		0.2	2	1	CN	L	M
2702280	DON'T INCLUDE AS NFSR						
2702280	'CD' IN PLACE (BERM)	0.2	1	1	CD		H
2702290	DON'T INCLUDE AS NFSR						
2800		2	2	2	OH	M	
2820	BUNKER KEYS	2.8	2	2	OH	M	
2820	'CN' COMPLETE (BRUSHED IN)	0.6	1	1	CN		H
2820289		0.1	2	1	CN	L	L
2820291		0.4	2	1	CN	L	M
2820291	'CN' COMPLETE (BRUSHED IN)	0.1	1	1	CN		H
2820390		0.1	2	2	OH	M	
2820390		0.4	2	1	CN	L	M
2820391	DON'T INCLUDE AS NFSR						
2820393	'CN' COMPLETE (BRUSHED IN)	0.2	1	1	CN		H
2820395	'CN' COMPLETE (BRUSHED IN)	0.4	1	1	CN		H
2820400	'CN' COMPLETE (BRUSHED IN)	0.1	1	1	CN		H
2820401	DON'T INCLUDE AS NFSR						
3000125	WAHKEENA FALLS	0.2	4	4	OP	H	
3000226	DON'T INCLUDE AS NFSR						
3000282	HENDERSON	0.7	3	3	CA	H	L
3000284		0.1	3	3	CA	H	L

3000286		0.2	3	3	CA	H	L
3000297	OLD BONEYARD	0.2	2	1	CN	L	M
3000303	BACKSTRAND	0.2	2	D	DE		H
3000341	ONEONTA TRAILHEAD	0.1	4	4	OP	H	
3000426	HORSETAIL FALLS	0.1	4	4	OP	H	
3000440	PCNST BRIDGE OF THE GODS	0.1	4	4	OP(SO)	H	
3000675	DON'T INCLUDE AS NFSR						
3000675	DON'T INCLUDE AS NFSR						
3000678		0.7	1	1	CN		M
3000682	DON'T INCLUDE AS NFSR						
3000684	DON'T INCLUDE AS NFSR						
3000685	DON'T INCLUDE AS NFSR						
3000685-A	DON'T INCLUDE AS NFSR						
3000752	DON'T INCLUDE AS NFSR						
3000775	'CA' IN PLACE (WIRE GATE)	0.3	2	2	CA	L	L
3000782	RUSSELL	0.4	2	1	CD	L	H
3000783	RUSSELL	0.1	2	1	CD	L	H
3000785		0.2	2	2	OH	L	
3000787		0.8	3	3	OP	M	
3000789	CANYON WAY	0.4	3	3	OP	M	
3000789	CANYON WAY	0.1	3	3	OP	M	
3000789	CANYON WAY	0.1	3	3	OP	M	
3000789	'CA' IN PLACE (GATE)	0.6	2	2	CA	M	H
3000791		0.1	2	D	DE		L
3000810	CD' IN PLACE	0.7	1	1	CD		H
3026194		0.6	3	3	OP	M	
3078015	'CD' IN PLACE (BERM)	0.2	1	1	CD		M
3078081		0.9	3	3	OP	H	
3078082		0.2	3	3	OP	M	
3078083	'CA' IN PLACE (GATE)	0.6	2	2	CA	L	H
3078083	'CA' IN PLACE (GATE)	0.3	1	1	CA	L	H
3078085	'CA' IN PLACE (3078083 GATE)	0.4	2	2	CA	H	H
3078087	'CA' IN PLACE (3078083 GATE)	0.2	2	2	CA	H	H
3078089	'CA' IN PLACE (3078083 GATE)	0.2	2	2	CA	M	H
3100710		0.3	2	1	CN	L	M
3100710		0.1	2	1	CN	L	M
3100710	'CN' COMPLETE (BRUSHED IN)	0.1	1	1	CN		M
3110000		1.7	2	1	CN	L	M
3110031		0.1	3	3	CA	M	L
3110320	ALLEN-OAKS	0.5	2	2	OH	L	
3110320	'CA' IN PLACE (GATE)	0.5	2	2	CA	L	H
3110322	'CA' IN PLACE (3110320 GATE)	0.4	2	2	CA	L	H
3110324	'CA' IN PLACE (3110320 GATE)	0.7	2	2	CA	L	H
3112300	DON'T INCLUDE AS NFSR						
3112300	DON'T INCLUDE AS NFSR						
3112304	'CA' IN PLACE (GATE)	0.5	3	3	CA	M	H
3112306	'CA' IN PLACE (3112304 GATE)	0.1	2	1	CA	L	H
3112306	'CA' IN PLACE (3112304 GATE)	0.4	2	1	CA	L	H
3112308	'CA' IN PLACE (3112304 GATE)	0.2	2	1	CA	L	H
3113097		0.2	3	3	OP	M	
3113099		0.2	3	3	OP	M	
3114100		0.2	2	1	CN	L	M
3114133	COYOTE WALL	0.9	2	1	CN	L	M
3114133	COYOTE WALL	0.1	3	3	OP	M	
3114170		0.4	3	3	CA	M	H
3114170		0.7	2	2	CA	L	H
3119097	DON'T INCLUDE AS NFSR						
3119267	'CA' IN PLACE (GATE)	0.4	3	3	CA	M	L
3119267	'CA' IN PLACE (GATE)	0.6	2	2	CA	L	L
3119267	'CA' IN PLACE (GATE)	0.1	3	3	CA	M	L
3119269	'CA' IN PLACE (3119267 GATE)	0.4	3	3	CA	M	L
8400017	DON'T INCLUDE AS NFSR						
8400022	NFSR MP 0-0.3 ONLY; 'CA' IN PLACE (GATE)	0.3	2	2	CA	M	H
8400023	'CA' IN PLACE (8400022 GATE)	0.5	2	2	CA	M	H

8400024	'CD' IN PLACE (WATERBAR)	1.5	1	1	CD		H
8400027	DON'T INCLUDE AS NFSR						
8400034	'CA' IN PLACE (8400777 GATE)	0.2	2	2	CA	L	L
8400036	DON'T INCLUDE AS NFSR						
8400043	DON'T INCLUDE AS NFSR						
8400070	'CA' IN PLACE (8400777 GATE)	0.2	2	2	CA	L	L
8400180	'CA' IN PLACE (GATE)	1.1	2	2	CA	M	H
8400181	'CA' IN PLACE (8400180 GATE)	0.1	2	2	CA	M	H
8400181	'CA' IN PLACE (8400180 GATE)	0.2	2	2	CA	M	H
8400181	'CA' IN PLACE (8400180 GATE)	0.4	2	2	CA	M	H
8400181	'CA' IN PLACE (8400180 GATE)	0.5	2	2	CA	M	H
8400181	'CA' IN PLACE (8400180 GATE)	0.7	2	2	CA	M	H
8400182	'CA' IN PLACE (8400180 GATE)	0.4	2	2	CA	M	H
8400201		0.3	3	3	OP	M	
8400203	NFSR MP 0-0.4 ONLY; 'CA' IN PLACE (GATE)	0.4	2	2	CA	M	H
8400205	'CA' IN PLACE (8400203 GATE)	0.2	2	2	CA	L	H
8400207	DON'T INCLUDE AS NFSR						
8400211	CASCADE LOCKS WATER SOURCE	1	2	2	OH	H	
8400212	DON'T INCLUDE AS NFSR						
8400212	DON'T INCLUDE AS NFSR						
8400212	DON'T INCLUDE AS NFSR						
8400213	DON'T INCLUDE AS NFSR						
8400213	DON'T INCLUDE AS NFSR						
8400214	HERMAN CREEK WORK CENTER	0.1	4	4	OP	H	
8400215	HERMAN CREEK CG	0.2	4	4	OP(SO)	H	
8400215-A	HERMAN CREEK CG CAMPING LOOP	0.1	4	4	OP(SO)	H	
8400217	'CA' IN PLACE (GATE)	0.1	2	2	CA	M	H
8400217	'CA' IN PLACE (GATE)	0.3	2	D	DE		H
8400219	'CA' IN PLACE (GATE); WYETH BENCH QUARRY	0.2	2	2	CA	M	H
8400219	DON'T INCLUDE AS NFSR						
8400220	YOUTH CAMP	0.1	3	3	OP	M	
8400221	'CA' IN PLACE (GATE)	0.1	2	2	CA	L	H
8400227	'CA' IN PLACE (GATE)	0.2	2	2	CA	M	H
8400228	WYETH CAMPGROUND	0.2	4	4	OP(SO)	H	
8400228-A	CAMPING LOOP	0.2	4	4	OP(SO)	H	
8400228-B	GROUP CAMPING	0.1	4	4	OP(SO)	H	
8400228-C	CAMPING LOOP	0.1	4	4	OP(SO)	H	
8400230	DON'T INCLUDE AS NFSR						
8400230	DON'T INCLUDE AS NFSR						
8400232	(BPA USE)	0.2	2	1	CN		L
8400240	EAGLE CREEK DAY USE LOOP	0.4	4	4	OP	H	
8400241	EAGLE CREEK TRAILHEAD ACCESS	0.4	4	4	OP	H	
8400242	EAGLE CREEK CAMPING	0.2	4	4	OP(SO)	H	
8400242	EAGLE CREEK CAMPING	0.3	4	4	OP(SO)	H	
8400243	EAGLE CREEK OVERLOOK	0.2	4	4	OP(SO)	H	
8400363	THOMPSON	0.2	2	1	CN	L	M
8400369	BEACON ST	0.2	3	3	OP	M	
8400373	ALEXANDER ST	0.1	2	1	CN	L	L
8400375	PRIVATE NO NFSR						
8400400	WAHCLELLA FALLS	0.1	4	4	OP	H	
8400533	DON'T INCLUDE AS NFSR						
8400533	DON'T INCLUDE AS NFSR						
8400535	DON'T INCLUDE AS NFSR						
8400590	SERVICE	0.1	3	3	OP	M	
8400590	SERVICE	0.1	2	2	OH	M	
8400594		0.1	3	3	OP	M	
8400596		0.1	3	3	OP	M	
8400760	'CA' IN PLACE (GATE); MAYER STATE PARK	0.2	2	2	CA	M	H
8400777	'CA' IN PLACE (GATE); TANNER BUTTE	1	2	2	CA	H	H
8400777	'CA' IN PLACE (GATE); TANNER BUTTE	4.1	2	2	CA	H	H
8424098	'CA' IN PLACE (GATE)	0.1	2	2	CA	L	H
8424122		0.2	3	3	OP	M	
U1230022		0.05			CN		L

U1230582	0.1	CN	L
U1400031	0.05	DE	H
U1400033	0.05	DE	H
U1400037	0.05	DE	H
U1405006	0.05	DE	H
U1811110	0.05	CN	L
U1850240	0.05	DE	M
U1850241	0.05	DE	M
U1850291	0.1	DE	M
U1850295	0.05	DE	M
U1850296	0.05	DE	M
U1850325	0.1	DE	M
U1852080	0.05	DE	M
U1853150	0.05	DE	M
U1853151	0.05	DE	M
U1853152	0.05	DE	M
U1853153	0.05	DE	M
U1853154	0.05	DE	M
U1858106	0.05	DE	M
U1858127	0.1	DE	H
U1858198	0.05	DE	M
U1858229	0.05	DE	M
U1858234	0.05	DE	M
U2700250	0.05	DE	M
U2700253	0.05	DE	M
U2700254	0.05	DE	M
U2702097	0.1	CN	L
U2702188	0.1	DE	M
U2702252	0.05	CN	L
U3000791	0.05	DE	M
U3000812	0.05	DE	M
U3000813	0.05	DE	M
U3000814	0.05	DE	M
U3000815	0.1	DE	H
U3110334	0.05	CN	L
U3114135	0.1	DE	M
U3114172	0.1	CN	L

**APPENDIX C**

**SUMMARY OF CHANGES**

**FROM CURRENT**

**ROAD MANAGEMENT**

**KEY:**

**OP = Open for Passenger Cars**  
**OH = Open for High Clearance Vehicles**  
**SO = Seasonally Open (e.g., campgrounds)**  
**CN = Close Naturally (allow to brush in)**  
**CD = Close with a Device (berm, waterbar)**  
**CA = Close Administratively (gate, sign)**  
**DE = Decommission**  
**RT = Convert to Trail**

# CRGNSA ROADS ANALYSIS

## SUMMARY OF CHANGES FROM CURRENT ROAD MANAGEMENT

ROAD	ROAD MANAGEMENT:		REDUCTION IN MAINT. LEVEL OR MORE RESTRICTIVE MANAGEMENT, MILES	RAISE MAINT. LEVEL, MILES
	CURRENT	RECOMMENDATION		
1004000	CN	DE	0.2	
1230225	OH	CN	0.1	
1230312	OH	DE	0.1	
1400030	OH	CD OR CA	1.7	
1400032	OH	CD OR CA	0.9	
1400034	CN	CD OR CA	0.1	
1400036	CN	CD OR CA	0.2	
1400038	CN	CD OR CA	0.4	
1403000	OH	CD	1.4	
1403005	OH	CN	0.4	
1403007	CN	CD	0.4	
1405000	CN	CD	0.6	
1420010	CN	CD	0.2	
1500020	OH	DE	0.1	
1700085	CA	OP		0.1
1700126	OP	OP		0.1
1811	OH	CD	1.4	
1811106	OH	CN	0.6	
1811106	CN	DE	0.4	
1811108	OH	DE	0.2	
1811108	CN	DE	0.5	
1811162	OH	DE	0.2	
1850244	OH	CD	0.9	
1850290	CN	DE	0.6	
1850319	CN	DE	0.7	
1850321	CN	DE	0.4	
1850531	OH	DE	0.2	
1850537	OP	OP		0.1
1851238	OH	CN	0.1	
1851238	OH	DE	0.1	
1853157	CA	DE	0.1	
1854263	OH	CN	0.1	
1854265	CN	DE	0.1	
1854351	OH	DE	0.2	
1854430	OH	CN	0.3	
1854432	CN	DE	0.1	
1854473	OH	CN	0.1	
1857160	OH	CN	1.1	
1858105	OH	DE	0.2	
1858126	OH	CN	0.7	
1860009	OH	OP		0.1
1860075	OH	CN	0.5	
1860076	OH	DE	0.3	

2025000	OH	CA	1.9	
2026000	OH	CA	3	
2026044	OH	CA	0.2	
2026241	OH	CA	0.2	
2130105	CA	DE	0.4	
2700030	CN	DE	0.2	
2700046	CD	DE	0.3	
2700252	CN	DE	0.2	
2700264	OH	RT	0.8	
2700640	CN	CD	0.6	
2700642	CN	CD	0.1	
2700644	CN	CD	0.2	
2702139	CN	DE	0.1	
2702251	OH	CN	0.2	
2820289	OH	CN	0.1	
3000297	OH	CN	0.2	
3000303	CA	DE	0.2	
3000782	CA	CD	0.4	
3000783	CA	CD	0.1	
3000810	OH	CD	0.7	
3100710	OH	CN	0.4	
3114100	OH	CN	0.2	
3114133	OH	CN	0.9	
8400217	CA	DE	0.3	
8400232	OH	CN	0.2	
<b>TOTALS</b>			<b>29.0</b>	<b>0.4</b>

# APPENDIX D

## ROAD VALUES / ROAD RISKS RATINGS

### KEY:

#### VALUES (ACCESS)

AU = Administrative Use

BIA = Bureau of Indian Affairs

C = County

COE = US Army Corps of Engineers

DOE = Department of Energy, Bonneville Power Administration

PI = Private Industrial

PR = Private Residential

PUD = Public Utility District

S = State

SU = Special Use Permit

F = Fire Protection

R = Recreation Use

V = Vegetation Management

L = Low

#### RISKS (AQUATIC, WILDLIFE, SCENIC)

L = Low

H = High

MG = Middleground

FG = Foreground

## ROAD VALUES/ ROAD RISKS RATINGS

RD#	NAME	LENGTH	VALUES Access	RISKS		
				Aquatic	Wildlife	Scenic
1000	VIENTO RIDGE	0.8	C/F,R	L	L	MG
1000102		0.3	C/F	L	L	L
1000104		0.2	C/F	L	L	L
1004000		0.2	L	L	L	L
1230001		0.2	V	H	L	MG
1230005		0.9	V	H	H	MG
1230015		0.3	V	L	L	FG
1230020	C. A. ATWOOD	0.3	DOE/F,V	H	H	FG
1230020	C. A. ATWOOD	1.3	F,V	H	H	MG
1230021	CATHERINE CREEK	0.7	DOE/F,V	H	H	MG
1230024		0.2	DOE/F,V	L	L	L
1230030		0.4	BIA,DOE/F,V	H	H	FG
1230030		0.5	DOE/F,V	H	H	FG
1230225		0.1	V	L	L	FG
1230241	RUSSELL	0.1	PR/F,V	L	L	FG
1230312		0.1	L	L	L	L
1230580	SCOTT THOMAS	0.2	PR/F	L	L	FG
1400	KUEFFLER	3.8	PI,S,DOE/F,V	H	L	MG
1400	KUEFFLER	0.5	PR,PI,S,DOE/F,V	H	L	MG
1400	KUEFFLER	1.4	PI,S,DOE/F,V	L	L	MG
1400018	WYGANT	0.1	S,DOE/F	H	L	L
1400018	WYGANT	0.2	S,DOE/F	L	L	L
1400030	PERHAM CREEK	1.7	F,V	H	H	MG
1400032	MITCHELL	0.9	S/F,V	H	H	MG
1400034		0.1	V	L	L	L
1400036		0.8	F,V	L	H	MG
1400036		0.2	F,V	L	H	MG
1400038		0.4	V	L	L	L
1403000		1.4	F,V	L	L	MG
1403005	RIDGE LINE	0.4	C/F,V	L	L	L
1403007		0.4	F,V	L	H	L
1404000		0.3	P,S,DOE/F	L	L	L
1404030		1.1	DOE/F,V	L	H	L
1404035		0.4	S/F,V	L	L	L
1405000		0.6	C/V	L	H	MG
1405007		0.3	C/V	L	L	MG
1420000		0.1	F,V	L	L	L
1420010		0.2	V	H	H	L
1421000		0.6	PI,DOE/F,V	L	L	MG
1421000		1.8	PI,DOE/F,V	H	H	MG
1430000	WOODWARD CREEK	2	PI,S,DOE/F,V	H	H	L
1450000		1.5	F,V	H	H	MG

1460000	PACIFIC	0.5	PR/F,V	H	H	L
1500020	LARCH MTN. OVERFLOW	0.2	F	L	L	FG
1500021	LARCH MTN. TRAILHEAD	0.2	F,R	L	L	FG
1500025	COLUMBIA AVENUE	0.2	PR	L	L	FG
1500036		0.3	SU	L	L	FG
1500150		0.8	F	L	L	FG
1500315		0.4	F,R	L	L	FG
1502170		0.1	PI/V	L	L	L
1502281		0.2	PR	L	L	L
1502283		0.3	PR/V	L	L	L
1504166	PEPPER MTN	0.7	F,V	L	H	MG
1504166	PEPPER MTN	0.2	PR/F,V	L	H	MG
1504168	PEPPER MTN	0.4	V	L	H	MG
1504170	PEPPER MTN.	0.4	F,V	L	H	MG
1520000	PALMER MILL	2.8	F,R	H	H	FG
1520129	MULTNOMAH BASIN	2.8	F,R	H	H	MG
1520150		0.1	R	L	H	L
1700085	HUSUM LAUNCH SITE	0.1	R	H	H	L
1700126	WHITE SALMON RD LAUNCH@BZ	0.1	R	L	L	L
1800		0.4	DOE	L	L	FG
1810		1	PI,S/F,R	L	H	L
1811	RED BLUFFS	1.4	F,R	H	H	MG
1811	RED BLUFFS	0.5	PI,S/F,R	H	H	MG
1811	RED BLUFFS	0.6	S/F,R	H	H	MG
1811106		0.2	PI	H	H	MG
1811106		0.8	L	L	H	MG
1811108		0.5	L	H	H	MG
1811108		0.2	L	L	H	MG
1811162		0.2	L	H	H	L
1850239	OREGON VIEW	0.8	PR/F,AU	L	L	MG
1850244		0.9	F	H	H	FG
1850290		0.2	DOE	L	H	MG
1850290		0.4	DOE	L	H	MG
1850290		0.6	DOE	L	H	MG
1850293		0.1	R	H	L	FG
1850299	ST. CLOUD REC. AREA	0.1	F,R	H	L	FG
1850319		1.6	PI,DOE/F	H	H	MG
1850319		0.1	PI,DOE/F	H	H	MG
1850319		0.3	PR,PI,DOE/F	H	H	FG
1850321		0.4	L	H		L

					H	
1850323		0.3	PI	H	H	L
1850332	SAMS-WALKER SITE	0.1	F,R	L	L	FG
1850370	HAMILTON	0.2	DOE	L	L	MG
1850370	HAMILTON	0.1	PI,DOE	L	L	MG
1850372		0.4	L	L	H	MG
1850372		0.7	DOE	L	H	MG
1850397	BONNEVILLE TH	0.1	F,R	L	L	FG
1850397-A	TRAILER PARKING	0.1	F,R	L	L	FG
1850529	GRANT LAKE	0.1	PUD/F,R,V	L	H	FG
1850529	GRANT LAKE	0.2	PUD/F,V	L	H	FG
1850531	GRANT LAKE	0.2	PUD/V	H	H	FG
1850533		0.2	PUD/V	L	H	L
1850537	DOG MTN. TH	0.1	F,R	L	L	MG
1850918	WEATHER STATION	0.5	F,AU	L	L	FG
1850945		0.1	BIA,DOE,PI/SU	L	L	MG
1850945		0.3	DOE,PI/SU	L	L	MG
1851085		0.1	L	L	L	L
1851223	MT. ZION	0.7	PR/F	L	L	MG
1851236	RIM DRIVE	0.3	PR/F	L	L	L
1851238		0.1	L	L	L	MG
1852000		0.2	F,V	L	H	MG
1852000		0.7	PR/F,V	L	H	MG
1852147		0.5	PI/V	H	H	L
1852215		0.4	PR/F,V	H	H	MG
1853000		0.1	F,SU	L	H	MG
1853000		0.7	SU	L	H	MG
1853013	SNOWBERRY LANE	0.2	PR/F	L	L	FG
1853100		0.2	PR	H	H	L
1853157		0.1	F,SU	L	H	L
1853159		0.3	F,SU	L	H	L
1854000	DUNCAN CREEK	0.2	PI,S,DOE/F	H	H	MG
1854000	DUNCAN CREEK	1.2	PI,S,DOE/F	H	H	MG
1854163	ARCHER MTN	0.2	PR	L	L	L
1854262	DIMRILL-DALE	0.8	PR,S	H	H	L
1854263		0.1	PI	H	H	L
1854264		0.1	S	H	H	L
1854265		0.1	L	H	H	L
1854266		0.1	PR/R	H	H	L
1854279		2.5	PI,S,DOE/F	H	H	MG
1854351		0.2	L	L		L

					H	
1854386	CEDAR SWAMPS	0.3	PI,S,DOE/F,V	H	H	MG
1854386	CEDAR SWAMPS	0.7	PI,S,DOE/F,V	H	H	MG
1854386	CEDAR SWAMPS	1.1	PI,S,DOE/F,V	H	H	MG
1854386	CEDAR SWAMPS	0.2	PI,S,DOE/F,V	H	H	MG
1854388		0.3	PI	H	H	L
1854409		0.3	V	L	H	MG
1854428	MARS LANDING	0.5	PR,DOE	L	H	L
1854428	MARS LANDING	0.2	PR	L	H	L
1854430		0.3	PI	L	H	L
1854432		0.1	L	L	H	L
1854473	WOODARD CREEK	0.1	DOE/F,V	H	H	L
1854473	WOODARD CREEK	0.2	DOE/F,V	H	H	L
1854473	WOODARD CREEK	0.3	S,DOE/F,V	H	H	L
1854475		0.2	DOE/V	H	H	L
1854477	HART	0.2	V	L	L	L
1855191	CARPENTERS LAKE	0.2	DOE/F,R	L	H	MG
1855191	CARPENTERS LAKE	0.4	F	L	H	MG
1855193		0.4	DOE	H	L	MG
1856092		0.8	PR,PI	H	L	L
1856094		0.4	PI	H	L	MG
1857048	HIDDEN LAKES	0.5	PI/F,V	H	H	L
1857051		0.1	AU	L	H	L
1857098	FROG LAKE	0.3	F,R,V	H	H	L
1857160	GALLANT	0.1	F	L	L	L
1857160	GALLANT	0.3	F	L	L	L
1857160	GALLANT	0.5	F	L	L	L
1857160	GALLANT	0.1	PI/F	L	L	L
1857160	GALLANT	0.2	PI/F	L	L	L
1857160	GALLANT	0.2	PR/F	L	L	L
1857198		0.1	PR/V	L	L	L
1858105		0.2	L	L	L	L
1858120	LOCKE	0.4	PR/F,V	H	H	L
1858122		0.2	PUD/F,V	H	H	L
1858126		0.7	PI,PUD/F,V	L	H	MG
1858175	WINDY BLUFF	0.4	PR/F,V	L	H	L
1858218	RAINBOW'S END	0.1	F,V	L	H	L
1858218	RAINBOW'S END	0.1	PR/F,V	L	H	L
1858218	RAINBOW'S END	0.3	PR/F,V	L	H	L
1858228		0.4	F,V	L	H	L
1858230		0.2	F,V	L		L

					H	
1858232		0.1	F,V	L	H	L
1859150		0.3	PI,DOE	L	L	L
1860009	LYLE PARK	0.1	F,R	H	H	MG
1860075	HOMESTEAD	0.5	PR/R	L	H	L
1860076	OLD WAGON	0.3	L	L	H	L
2000	RED BLUFF	0.4	PI,S/F,R	L	L	L
2020000	GREENLEAF	6.3	PI,S,DOE/F,R	H	H	MG
2025000		1.9	DOE/F	H	H	MG
2026000		3	PI,DOE/F	H	H	MG
2026044		0.2	PI,S/F	L	H	MG
2026241		0.2	DOE	H	H	MG
2130105	GRAVEL PIT	0.4	L	L	H	L
2132350	ELLETT	0.4	PI,DOE,PUD/F,R	L	H	L
2132350	ELLETT	0.7	PR,DOE,PUD/F,R	L	H	L
2132351	ELLETT	0.1	DOE,PUD/F	L	H	L
2132355	ELLETT	0.1	F	L	H	MG
2132355	ELLETT	0.2	F	L	H	MG
2132355	ELLETT	0.3	F	L	H	MG
2132355	ELLETT	0.4	F	L	H	MG
2132356	ELLETT	0.1	L	L	H	L
2700	LARSON LAKES	0.4	PI,DOE/F,R	L	H	L
2700	LARSON LAKES	0.5	PI,DOE/F,R	L	H	L
2700	LARSON LAKES	0.8	PI,DOE/F,R	L	H	L
2700	LARSON LAKES	1.9	PI,DOE/F,R	L	H	L
2700	LARSON LAKES	2.8	PI,DOE/F,R	L	H	L
2700030		0.2	L	L	H	L
2700046		0.3	L	L	H	L
2700106		0.8	DOE/F	L	H	L
2700110		0.4	DOE	L	H	L
2700149		0.1	PI	L	H	L
2700168		0.4	PI,DOE/F	L	H	L
2700168		0.7	PI/F	L		L

					H	
2700238		3.1	DOE/F	H	H	MG
2700238		0.4	P,DOE/F	H	H	MG
2700240		0.8	DOE/F	L	H	MG
2700242		0.2	DOE	L	H	L
2700244		0.1	DOE	L	L	L
2700246		0.2	L	H	L	MG
2700252		0.2	L	L	L	L
2700264		2.8	DOE/F	H	H	MG
2700264		0.8	F	H	H	MG
2700390		0.6	PI,DOE/F	L	H	L
2700390		0.1	PI/F	L	H	L
2700459		0.1	PI	L	H	L
2700469	BORROW PIT	0.1	L	L	H	L
2700470		0.4	DOE	L	H	L
2700640		0.4	PI	L	H	L
2700640		0.6	L	L	H	L
2700642		0.1	L	L	H	L
2700644		0.2	L	L	H	L
2702000		0.1	PI,S,DOE/F,R	L	H	MG
2702000		2.2	PI,S,DOE/F,R	L	H	MG
2702128		0.1	PI/R	H	H	MG
2702139		0.1	L	H	H	MG
2702240		1	DOE/R	L	H	MG
2702251		0.2	F	L	H	MG
2702280		0.5	S,DOE/F	L	H	L
2702280		0.2	S/F	L	H	L
2702290		0.2	S,DOE/F	L	H	L
2800		2	S,DOE/F,R	L	H	L
2820	BUNKER KEYS	0.6	F	L	H	MG
2820	BUNKER KEYS	2.8	PI,DOE/F,R	L	H	MG
2820289		0.1	L	L	H	MG
2820291		0.1	F	L	H	MG

2820291		0.4	F	L	H	MG
2820390		0.1	PI	L	H	L
2820390		0.4	L	L	H	L
2820391		0.7	DOE/F	H	H	MG
2820393		0.2	R	L	H	MG
2820395		0.4	L	L	H	MG
2820400		0.1	L	L	L	L
2820401		0.1	DOE	L	L	L
3000125	WAHKEENA FALLS	0.2	F,R	H	H	FG
3000226	WOMEN'S FORUM VIEWPOINT	0.2	S/F	L	L	MG
3000282	HENDERSON	0.7	PR/V	H	L	MG
3000284		0.1	PR/V	H	L	L
3000286		0.2	PR/F,V	H	L	MG
3000297	OLD BONEYARD	0.2	S	H	L	FG
3000303	BACKSTRAND	0.2	L	L	L	MG
3000341	ONEONTA TRAILHEAD	0.1	F,R	L	L	L
3000426	HORSETAIL FALLS	0.1	F,R	L	L	MG
3000440	PCNST BRIDGE OF THE GODS	0.1	F,R	L	L	FG
3000675		0.5	F	H	H	FG
3000675		0.8	PI,BIA/F	H	H	FG
3000678		0.7	L	H	H	MG
3000682	GRAVEL PIT	0.2	L	L	L	FG
3000684	SERVICE	0.3	PUD/F	L	L	MG
3000685	CASINO	0.2	L	L	L	MG
3000685-A		0.2	S	L	L	L
3000752		0.3	COE/F,R	H	L	FG
3000752		0.9	PR,PI,COE/F,R	H	L	FG
3000775	QUARRY	0.3	C/F	L	L	FG
3000782	RUSSELL	0.4	L	L	H	FG
3000783	RUSSELL	0.1	L	L	H	FG
3000785		0.2	PI	L	L	FG
3000787		0.8	PR,PUD/F	L	H	MG
3000789	CANYON WAY	0.6	F	H	H	FG
3000789	CANYON WAY	0.1	PR/F	H	H	FG
3000789	CANYON WAY	0.4	PR/F	H	H	FG
3000810		0.7	F,V	H	H	MG
3026194		0.6	PR/F,V	L	L	MG
3078015		0.2	L	L	L	FG
3078081		0.9	PR,PUD/F,V	H	H	L
3078082		0.2	PR	L	L	L
3078083		0.3	F,V	L	H	L
3078083		0.6	PUD/F,V	L		L

					H	
3078085		0.4	F,V	H	H	MG
3078087		0.2	PUD/V	H	H	L
3078089		0.2	PUD/V	H	H	L
3100710		0.1	R	L	H	L
3100710		0.1	R	L	H	L
3100710		0.3	S	L	H	L
3110000		1.7	BIA/F,V	H	H	MG
3110031		0.1	PR	L	L	L
3110320	ALLEN-OAKS	0.5	PI/F,V	L	L	L
3110320	ALLEN-OAKS	0.5	F,F	L	L	L
3110322		0.4	F,V	L	H	L
3110324		0.7	F,V	L	H	L
3112300		0.6	PI,DOE/F,V	L	H	L
3112300		1.1	PI,DOE/F,V	L	H	L
3112304	BRISTOL LANE	0.5	PR,PUD/F,V	L	H	L
3112306		0.1	PI/F,V	L	H	L
3112306		0.4	PI/F,V	L	H	L
3112308		0.2	PI/V	L	H	L
3113097		0.2	PR/V	L	H	L
3113099		0.2	PR	L	L	L
3114100		0.2	PI/V	H	H	MG
3114133	COYOTE WALL	0.9	P,PUD/F,R,V	H	H	MG
3114133	COYOTE WALL	0.1	PR/F,R,V	H	H	MG
3114170		0.7	PI,PUD/F,V	L	H	MG
3114170		0.4	PR,PUD/F,V	L	H	MG
3119097		0.3	DOE	L	H	L
3119267		0.6	PI	L	L	L
3119267		0.1	PR	L	L	L
3119267		0.4	PR	L	L	L
3119269		0.4	PR	L	L	L
8400017		0.3	DOE	L	H	MG
8400022		1.8	DOE/V	H	H	FG
8400023		0.5	DOE/V	H	H	L
8400024		1.5	F	L	H	MG
8400027		0.1	DOE	L	L	L
8400034		0.2	DOE	L	L	L

8400036		0.2	DOE	L	L	MG
8400043		0.6	DOE	L	L	MG
8400070		0.2	DOE	L	L	L
8400180	SANDY RIVER DELTA	1.1	DOE/F,R	H	H	FG
8400181	SANDY RIVER DELTA	0.1	PI,S,DOE/F,R	H	H	FG
8400181	SANDY RIVER DELTA	0.2	PI,S,DOE/F,R	H	H	FG
8400181	SANDY RIVER DELTA	0.4	PI/F	H	H	FG
8400181	SANDY RIVER DELTA	0.5	PI,S,DOE/F,R	H	H	FG
8400181	SANDY RIVER DELTA	0.7	PI,DOE/F,R	H	H	FG
8400182		0.4	L	H	H	L
8400201		0.3	PR,PI,C,DOE/F,R	L	L	FG
8400203		1.9	PI,C,DOE/F	H	L	MG
8400205		0.2	PI	L	L	MG
8400207		1.4	DOE/F	H	H	MG
8400211	DRY CREEK	1	City/F,R	H	H	MG
8400212		0.2	DOE/F	H	L	MG
8400212		0.4	DOE/F	H	L	MG
8400212		0.6	DOE/F	H	L	MG
8400213	OXBOW FISH HATCHERY	0.2	S,DOE	H	L	L
8400213	OXBOW FISH HATCHERY	0.1	S,DOE	H	L	L
8400214	HERMAN CREEK WORK CENTER	0.1	F,R	L	L	MG
8400215	HERMAN CREEK CG	0.2	F,R	L	L	FG
8400215-A	HERMAN CREEK CG CAMPING LOOP	0.1	F,R	L	L	L
8400217		0.1	DOE	H	H	FG
8400217		0.3	L	H	H	FG
8400219	GRAVEL PIT	0.2	DOE	H	H	FG
8400219	GRAVEL PIT	1.7	DOE	H	H	FG
8400220	YOUTH CAMP	0.1	C/R,V	L	L	FG
8400221		0.1	DOE/V	L	L	FG
8400228	WYETH CAMPGROUND	0.2	F,R	H	L	FG
8400228-A	CAMPING LOOP	0.2	F,R	H	L	L
8400228-B	GROUP CAMPING	0.1	F,R	H	L	L
8400228-C	CAMPING LOOP	0.1	F,R	H	L	L
8400230		1.8	DOE/F	H	L	MG
8400232		0.2	DOE/V	L	L	FG
8400240	EAGLE CREEK DAY USE LOOP	0.4	F,R	H	H	FG
8400241	EAGLE CREEK TRAILHEAD ACCESS	0.4	F,R	H	H	MG
8400242	EAGLE CREEK CAMPING	0.2	F,R	L	H	MG

8400242	EAGLE CREEK CAMPING	0.3	F,R	L	H	MG
8400243	EAGLE CREEK OVERLOOK	0.2	F,R	L	L	FG
8400363	THOMPSON	0.2	L	H	L	FG
8400369	BEACON ST	0.2	PR	H	L	FG
8400373	ALEXANDER ST	0.1	L	L	L	L
8400375		0.1	PR	L	L	L
8400400	WAHCLELLA FALLS	0.1	F,R	L	L	MG
8400533	OLD WAGON ROAD	0.1	S,DOE	L	H	MG
8400533	OLD WAGON ROAD	0.4	DOE	L	H	MG
8400535		0.2	DOE	L	H	FG
8400590	SERVICE	0.1	PR,S/R	L	L	FG
8400590	SERVICE	0.1	S/R	L	L	FG
8400594		0.1	PR	L	L	FG
8400596		0.1	PR	L	L	FG
8400760	MAYER STATE PARK	0.2	S/F,R	L	L	FG
8400777	TANNER BUTTE	1	DOE/R	H	H	MG
8400777	TANNER BUTTE	4.1	DOE/R	H	H	MG
8424098		0.1	SU	L	H	L
8424122		0.2	PR	L	H	L
U1230022		0.05	V	L	H	MG
U1230582		0.1	L	L	H	FG
U1400031		0.05	V	H	H	MG
U1400033		0.05	V	H	H	MG
U1400037		0.05	V	H	H	MG
U1405006		0.05	V	H	H	MG
U1811110		0.05	L	L	H	MG
U1850240		0.05	L	H	H	MG
U1850241		0.05	L	H	H	MG
U1850291		0.1	L	H	L	MG
U1850295		0.05	L	H	L	MG
U1850296		0.05	L	H	L	MG
U1850325		0.1	L	H	L	MG
U1852080		0.05	V	H	L	MG
U1853150		0.05	L	H	L	MG
U1853151		0.05	L	H	L	MG
U1853152		0.05	L	H	L	MG
U1853153		0.05	L	H	L	L

U1853154		0.05	L	H	H	L
U1858106		0.05	L	H	H	L
U1858127		0.1	V	H	H	MG
U1858198		0.05	V	H	H	L
U1858229		0.05	V	H	H	L
U1858234		0.05	V	H	H	L
U2700250		0.05	L	H	H	MG
U2700253		0.05	L	H	H	MG
U2700254		0.05	L	H	H	MG
U2702097		0.1	L	L	H	MG
U2702188		0.1	L	L	H	MG
U2702252		0.05	L	L	H	MG
U3000791		0.05	L	H	H	MG
U3000812		0.05	V	H	H	MG
U3000813		0.05	V	H	H	MG
U3000814		0.05	V	H	H	MG
U3000815		0.1	V	H	H	MG
U3110334		0.05	V	L	H	MG
U3114135		0.1	V	L	H	MG
U3114172		0.1	V	L	H	MG

# **APPENDIX E**

## **MAPS**