

## APPENDIX B - ROAD LISTS

### Alternatives 2, 3, & 4 - Road Restoration Activities

Road No.	Current Status	Maint. Level	Planned Maint. Level	Subwatershed	Road Miles	Surface Type	Comments
13	Open	4	4	Swamp Creek	6.68	Asphalt	Leave Open
16	Open	4	4	Swamp Creek	1.46	Asphalt	Leave Open
16	Open	4	4	U.L.M.R.	2.69	Asphalt	Leave Open
16	Open	3	3	U.L.M.R.	11.59	Asphalt	Leave Open
1600054	Open	2	2	U.L.M.R.	1.04	Native	Leave Open
1600061	Open	2	2	U.L.M.R.	1.86	Native	Leave Open
1600067	Open	2	2	U.L.M.R.	0.17	Native	Leave Open
1600134	Open	2	2	U.L.M.R.	0.33	Native	Leave Open
1600184	Closed	1	1	U.L.M.R.	0.47	Native	Leave Closed
1600185	Closed	1	1	U.L.M.R.	0.29	Native	Leave Closed
1600202	Open	2	2	U.L.M.R.	0.75	Native	Leave Open
1600202	Closed	1		U.L.M.R.	0.90	Native	Decomm - (Reduce Fine Sediment)
1600204	Open	2	2	U.L.M.R.	0.82	Native	Leave Open
1600205	Open	2	2	U.L.M.R.	3.74	Native	Leave Open
1600206	Open	2	2	U.L.M.R.	0.15	Native	Leave Open
1600207	Open	2	2	U.L.M.R.	0.83	Native	Leave Open
1600209	Closed	1	1	U.L.M.R.	0.40	Native	Leave Closed
1600212	Open	2	2	U.L.M.R.	1.61	Native	Leave Open
1600212	Open	2	2	U.L.M.R.	0.25	Native	Leave Open
1600215	Open	2	2	U.L.M.R.	0.20	Improved	Leave Open
1600217	Closed	1	1	U.L.M.R.	1.11	Native	Leave Closed
1600220	Closed	1	1	U.L.M.R.	0.18	Native	Leave Closed
1600226	Closed	1	1	U.L.M.R.	0.52	Native	Leave Closed
1600228	Open	2	2	U.L.M.R.	0.08	Native	Leave Open
1600229	Open	2	2	U.L.M.R.	0.85	Native	Leave Open
1600233	Open	2	2	U.L.M.R.	0.63	Native	Leave Open
1600235	Closed	1	1	U.L.M.R.	0.14	Native	Leave Closed
1600237	Open	2	2	U.L.M.R.	1.13	Native	Leave Open
1600274	Open	2		U.L.M.R.	0.55	Native	Decommission (Wildlife)
1600302	Closed	1	1	U.L.M.R.	0.52	Native	Leave Closed
1600303	Closed	1		U.L.M.R.	0.35	Native	Decomm - (Reduce Fine Sediment)
1600347	Closed	1	1	U.L.M.R.	0.23	Native	Leave Closed
1600376	Open	2	2	Swamp Creek	0.26	Native	Leave Open
1600382	Open	2	2	U.L.M.R.	0.16	Native	Leave Open
1600384	Closed	1	1	U.L.M.R.	0.21	Native	Leave Closed
1600393	Open	2	2	Swamp Creek	3.02	Crushed	Leave Open
1600398	Closed	1	1	U.L.M.R.	0.24	Native	Leave Closed
1600401	Open	2	2	U.L.M.R.	0.44	Native	Leave Open
1600421	Open	2	2	Swamp Creek	0.68	Native	Leave Open
1600427	Open	2	2	Swamp Creek	0.48	Native	Leave Open
1600430	Open	2	2	Swamp Creek	1.22	Improved	Leave Open
1600430	Open	2	2	Swamp Creek	3.94	Native	Leave Open
1600430	Open	2	2	U.L.M.R.	0.23	Native	Leave Open
1600432	Open	2	2	Swamp Creek	0.18	Native	Leave Open
1600432	Open	2	2	U.L.M.R.	0.03	Native	Leave Open
1600443	Open	2	2	U.L.M.R.	0.59	Native	Leave Open
1600445	Closed	1		Swamp Creek	0.42	Native	Decommission (Wildlife)
1600455	Open	2	2	U.L.M.R.	1.20	Native	Leave Open
1600458	Open	2	2	U.L.M.R.	1.54	Native	Leave Open
1600508	Open	2	2	U.L.M.R.	1.15	Improved	Leave Open
1600619	Open	2	2	U.L.M.R.	0.86	Native	Leave Open

## Alternatives 2, 3, &amp; 4 (continued)

Road No.	Current Status	Maint. Level	Planned Maint. Level	Subwatershed	Road Miles	Surface Type	Comments
1600653	Open	2	2	U.L.M.R.	0.76	Native	Leave Open
1600687	Open	2	2	Swamp Creek	0.60	Native	Leave Open
1600820	Closed	1	1	U.L.M.R.	0.03	Native	Leave Closed
1600891	Open	2	2	U.L.M.R.	0.20	Native	Leave Open
1600891	Open	2	2	Swamp Creek	0.08	Native	Leave Open
1600915	Open	2	2	U.L.M.R.	0.63	Native	Leave Open
1600986	Open	2	2	Swamp Creek	0.22	Improved	Leave Open
1600986	Open	2	2	U.L.M.R.	0.03	Native	Leave Open
1600988	Closed	1	1	Swamp Creek	1.06	Native	Leave Closed
1600989	Closed	1	1	Swamp Creek	0.85	Native	Leave Closed
1672	Open	3	3	U.L.M.R.	0.93	Native	Leave Open
1672	Open	2	2	U.L.M.R.	0.85	Native	Leave Open
1672	Open	2	2	U.L.M.R.	4.85	Improved	Leave Open
1672189	Open	2	2	U.L.M.R.	4.24	Native	Leave Open
1672190	Open	2	2	U.L.M.R.	0.28	Native	Leave Open
1672257	Open	2	2	U.L.M.R.	1.61	Native	Leave Open
1600258	Open	2	2	U.L.M.R.	0.40	Native	Leave Open
1672264	Open	2	2	U.L.M.R.	0.41	Native	Leave Open
1672264	Open	2		U.L.M.R.	0.32	Native	Decomm - (Reduce Fine Sediment)
1672266	Open	2		U.L.M.R.	0.31	Native	Decommission (Wildlife)
1672363	Open	2	2	U.L.M.R.	0.39	Native	Leave Open
1672457	Closed	1	1	U.L.M.R.	3.03	Native	Leave Closed
1672471	Open	2	1	U.L.M.R.	2.94	Native	Gated Closure (Wildlife)
1672473	Open	2		U.L.M.R.	0.31	Native	Decommission (Wildlife)
1672474	Open	2	2	U.L.M.R.	1.12	Native	Leave Open
1672474	Open	2	1	U.L.M.R.	3.35	Native	Gated Closure (Wildlife)
1672478	Open	2		U.L.M.R.	0.19	Native	Decomm - (Reduce Fine Sediment)
1672479	Open	2		U.L.M.R.	3.64	Native	Decomm - (Reduce Fine Sediment)
1672480	Open	2	2	U.L.M.R.	1.89	Improved	Leave Open
1672480	Closed	1	1	U.L.M.R.	0.31	Improved	Leave Closed
1672480	Closed	1	1	U.L.M.R.	0.25	Native	Leave Closed
1672481	Open	2	2	U.L.M.R.	0.50	Native	Leave Open
1672482	Open	2	1	U.L.M.R.	0.73	Native	Gated Closure on 1672474 (Wildlife)
1672482	Open	2		U.L.M.R.	0.38	Native	Decomm - (Reduce Fine Sediment)
1672483	Open	2		U.L.M.R.	0.27	Native	Decomm - (Reduce Fine Sediment)
1672484	Open	2		U.L.M.R.	0.26	Native	Decomm - (Reduce Fine Sediment)
1672485	Open	2		U.L.M.R.	0.27	Native	Decomm - (Reduce Fine Sediment)
1672486	Open	2		U.L.M.R.	0.66	Native	Decomm - (Reduce Fine Sediment)
1672487	Open	2		U.L.M.R.	0.45	Native	Decommission (Water & Wildlife)
1672490	Closed	1		U.L.M.R.	0.23	Native	Decommission (Water & Wildlife)
1672491	Open	2		U.L.M.R.	0.26	Native	Decomm - (Reduce Fine Sediment)
1672492	Open	2		U.L.M.R.	0.50	Native	Decomm - (Reduce Fine Sediment)
1672493	Open	2		U.L.M.R.	0.77	Native	Decomm - (Reduce Fine Sediment)
1672494	Closed	1		U.L.M.R.	0.35	Native	Decomm - (Reduce Fine Sediment)
1672495	Closed	1		U.L.M.R.	0.42	Native	Decomm - (Reduce Fine Sediment)
1672997	Open	2	2	U.L.M.R.	0.20	Native	Leave Open
U.L.M.R. = Uppper Little Malheur River							
Watershed = Concern is to reduce sediment delivery to streams							
Wildlife = Concern is Big Game Disturbance							

## Alternative 5 - Road Restoration Activities

Road No.	Current Status	Maint. Level	Planned Maint. Level	Subwatershed	Road Miles	Surface Type	Comments
13	Open	4	4	Swamp Creek	6.68	Asphalt	Leave Open
16	Open	4	4	Swamp Creek	1.46	Asphalt	Leave Open
16	Open	4	4	U.L.M.R.	2.69	Asphalt	Leave Open
16	Open	3	3	U.L.M.R.	11.59	Asphalt	Leave Open
1600054	Open	2	2	U.L.M.R.	1.04	Native	Leave Open
1600061	Open	2	2	U.L.M.R.	1.86	Native	Leave Open
1600067	Open	2	2	U.L.M.R.	0.17	Native	Leave Open
1600134	Open	2	1	U.L.M.R.	0.33	Native	Earth Berm or Sign Closure (Wildlife)
1600184	Closed	1	1	U.L.M.R.	0.47	Native	Leave Closed
1600185	Closed	1	1	U.L.M.R.	0.29	Native	Leave Closed
1600202	Open	2	2	U.L.M.R.	0.75	Native	Leave Open
1600202	Closed	1		U.L.M.R.	0.90	Native	Decomm - (Reduce Fine Sediment)
1600204	Open	2	2	U.L.M.R.	0.82	Native	Leave Open
1600205	Open	2	2	U.L.M.R.	3.74	Native	Leave Open
1600206	Open	2	1	U.L.M.R.	0.15	Native	Earth Berm or Sign Closure (Wildlife)
1600207	Open	2	1	U.L.M.R.	0.83	Native	Earth Berm or Sign Closure (Wildlife)
1600209	Closed	1	1	U.L.M.R.	0.40	Native	Leave Closed
1600212	Open	2	2	U.L.M.R.	1.61	Native	Leave Open
1600212	Open	2	1	U.L.M.R.	0.25	Native	Leave Closed (Wildlife)
1600215	Open	2	2	U.L.M.R.	0.20	Improved	Leave Open
1600217	Closed	1	1	U.L.M.R.	1.11	Native	Leave Closed
1600220	Closed	1	1	U.L.M.R.	0.18	Native	Leave Closed
1600226	Closed	1	1	U.L.M.R.	0.52	Native	Leave Closed
1600228	Open	2	2	U.L.M.R.	0.08	Native	Leave Open
1600229	Open	2	1	U.L.M.R.	0.85	Native	Earth Berm or Sign Closure (Wildlife)
1600233	Open	2	1	U.L.M.R.	0.63	Native	Earth Berm or Sign Closure (Wildlife)
1600235	Closed	1	1	U.L.M.R.	0.14	Native	Leave Closed
1600237	Open	2	1	U.L.M.R.	1.13	Native	Earth Berm or Sign Closure (Wildlife)
1600274	Open	2		U.L.M.R.	0.55	Native	Decommission (Wildlife)
1600302	Closed	1	1	U.L.M.R.	0.52	Native	Leave Closed
1600303	Closed	1		U.L.M.R.	0.35	Native	Decomm - (Reduce Fine Sediment)
1600347	Closed	1	1	U.L.M.R.	0.23	Native	Leave Closed
1600376	Open	2	2	Swamp Creek	0.26	Native	Leave Open
1600382	Open	2	2	U.L.M.R.	0.16	Native	Leave Open
1600384	Closed	1	1	U.L.M.R.	0.21	Native	Leave Closed
1600393	Open	2	2	Swamp Creek	1.00	Crushed	Leave Open
1600393	Open	2	1	Swamp Creek	2.02	Crushed	Gate Closure (Wildlife)
1600398	Closed	1	1	U.L.M.R.	0.24	Native	Leave Closed
1600401	Open	2	2	U.L.M.R.	0.44	Native	Leave Open
1600421	Open	2	2	Swamp Creek	0.68	Native	Leave Open
1600427	Open	2	2	Swamp Creek	0.48	Native	Leave Open
1600430	Open	2	2	Swamp Creek	1.22	Improved	Leave Open
1600430	Open	2	2	Swamp Creek	3.94	Native	Leave Open
1600430	Open	2	2	U.L.M.R.	0.23	Native	Leave Open
1600432	Open	2	1	Swamp Creek	0.18	Native	Earth Berm or Sign Closure (Wildlife)
1600432	Open	2	1	U.L.M.R.	0.03	Native	Earth Berm or Sign Closure (Wildlife)
1600443	Open	2	2	U.L.M.R.	0.59	Native	Leave Open
1600445	Closed	1		Swamp Creek	0.42	Native	Decommission (Wildlife)
1600455	Open	2	2	U.L.M.R.	1.20	Native	Leave Open
1600458	Open	2	2	U.L.M.R.	1.54	Native	Leave Open
1600508	Open	2	2	U.L.M.R.	1.15	Improved	Leave Open

## Alternative 5 (continued)

Road No.	Current Status	Maint. Level	Planned Maint. Level	Subwatershed	Road Miles	Surface Type	Comments
1600619	Open	2	1	U.L.M.R.	0.86	Native	Earth Berm or Sign Closure (Wildlife)
1600653	Open	2	1	U.L.M.R.	0.76	Native	Earth Berm or Sign Closure (Wildlife)
1600687	Open	2	1	Swamp Creek	0.60	Native	Earth Berm or Sign Closure (Wildlife)
1600820	Closed	1	1	U.L.M.R.	0.03	Native	Leave Closed
1600891	Open	2	2	U.L.M.R.	0.20	Native	Leave Open
1600891	Open	2	2	Swamp Creek	0.08	Native	Leave Open
1600915	Open	2	2	U.L.M.R.	0.63	Native	Leave Open
1600986	Open	2	1	Swamp Creek	0.22	Improved	Gate Closure on 1600393 (Wildlife)
1600988	Closed	1	1	Swamp Creek	1.06	Native	Leave Closed
1600989	Closed	1	1	Swamp Creek	0.85	Native	Leave Closed
1672	Open	3	3	U.L.M.R.	0.93	Native	Leave Open
1672	Open	2	2	U.L.M.R.	0.85	Native	Leave Open
1672	Open	2	2	U.L.M.R.	4.85	Improved	Leave Open
1672189	Open	2	2	U.L.M.R.	4.24	Native	Leave Open
1672190	Open	2	2	U.L.M.R.	0.28	Native	Leave Open
1672257	Open	2	2	U.L.M.R.	1.61	Native	Leave Open
1600258	Open	2	2	U.L.M.R.	0.40	Native	Leave Open
1672264	Open	2	1	U.L.M.R.	0.41	Native	Earth Berm or Sign Closure (Wildlife)
1672264	Open	2		U.L.M.R.	0.32	Native	Decomm - (Reduce Fine Sediment)
1672266	Open	2		U.L.M.R.	0.31	Native	Decommission (Wildlife)
1672363	Open	2	2	U.L.M.R.	0.39	Native	Leave Open
1672457	Closed	1	1	U.L.M.R.	3.03	Native	Leave Closed
1672471	Open	2	1	U.L.M.R.	2.94	Native	Gated Closure (Wildlife)
1672473	Open	2		U.L.M.R.	0.31	Native	Decommission (Wildlife)
1672474	Open	2	2	U.L.M.R.	1.12	Native	Leave Open
1672474	Open	2	1	U.L.M.R.	3.35	Native	Gated Closure (Wildlife)
1672478	Open	2		U.L.M.R.	0.19	Native	Decomm - (Reduce Fine Sediment)
1672479	Open	2		U.L.M.R.	3.64	Native	Decomm - (Reduce Fine Sediment)
1672480	Open	2	2	U.L.M.R.	1.89	Improved	Leave Open
1672480	Closed	1	1	U.L.M.R.	0.31	Improved	Leave Closed
1672480	Closed	1	1	U.L.M.R.	0.25	Native	Leave Closed
1672481	Open	2	2	U.L.M.R.	0.50	Native	Leave Open
1672482	Open	2	1	U.L.M.R.	0.73	Native	Gated Closure on 1672474 (Wildlife)
1672482	Open	2		U.L.M.R.	0.38	Native	Decomm - (Reduce Fine Sediment)
1672483	Open	2		U.L.M.R.	0.27	Native	Decomm - (Reduce Fine Sediment)
1672484	Open	2		U.L.M.R.	0.26	Native	Decomm - (Reduce Fine Sediment)
1672485	Open	2		U.L.M.R.	0.27	Native	Decomm - (Reduce Fine Sediment)
1672486	Open	2		U.L.M.R.	0.66	Native	Decomm - (Reduce Fine Sediment)
1672487	Open	2		U.L.M.R.	0.45	Native	Decommission (Water & Wildlife)
1672490	Closed	1		U.L.M.R.	0.23	Native	Decommission (Water & Wildlife)
1672491	Open	2		U.L.M.R.	0.26	Native	Decomm - (Reduce Fine Sediment)
1672492	Open	2		U.L.M.R.	0.50	Native	Decomm - (Reduce Fine Sediment)
1672493	Open	2		U.L.M.R.	0.77	Native	Decomm - (Reduce Fine Sediment)
1672494	Closed	1		U.L.M.R.	0.35	Native	Decomm - (Reduce Fine Sediment)
1672495	Closed	1		U.L.M.R.	0.42	Native	Decomm - (Reduce Fine Sediment)
1672997	Open	2	2	U.L.M.R.	0.20	Native	Leave Open
U.L.M.R. = Upper Little Malheur River							
Water/Watershed = Concern is to reduce sediment delivery to streams; also labeled "reduce fine sediment."							
Wildlife = Concern is Big Game Disturbance							

## Road Definitions

Roads are defined as:

A motor vehicle travel way over 50 inches wide, unless designated and managed as a trail. A road may be classified, unclassified, or temporary (36 CFR 212.1).

- A. **Classified Roads:** Roads wholly or partially within or adjacent to National Forest System lands 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.
- B. **Unclassified Roads:** Roads on National Forest System lands not managed as part of the forest transportation system, such as unplanned roads, abandoned travel ways, 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 not decommissioned upon the termination of the authorization.
- C. **Temporary Roads:** A temporary road is a short-term system road constructed and decommissioned under the terms of the Timber Sale Contract. If the road will be needed for future resource management subsequent to the contract termination day, it must be constructed as a specified road. Roads authorized by contract, permit, lease, or other written authorization, or emergency operation, not intended to be part of the forest transportation system and not necessary for long-term resource management.

## Road Maintenance

The ongoing maintenance of a road is necessary to retain or restore the road to the approved road management objective (RMO). These maintenance levels as described in Forest Service Handbook (FSH) 7709.58 – Transportation System Maintenance Handbook are as follows:

Typical activities might include surface road and ditch blading, drainage structure cleaning and repair, minor rocking and adding cross ditches.

### Level 1

Level one is 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 resources 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.

### Level 2

Level two is assigned to 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, dispersed recreation, or other specialized uses. Log haul may occur at this level. Appropriate traffic management strategies are either to (1) discourage or prohibit passenger cars or (2) accept or discourage high clearance vehicles.

### Level 3

Assigned to roads open 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.

#### Level 4

Level four is assigned to roads providing 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.

#### Level 5

Level five is assigned to roads that provide a high degree of user comfort and convenience. These roads are normally double lane, paved facilities. Some may be aggregate surfaced and dust abated. The appropriate traffic management strategy is "encourage."

### **New Road Construction**

Road Construction defined as: Activity that results in the addition of forest classified or temporary road miles. This consists of major clearing, excavation, drainage and surfacing of roads in the Forest Transportation System.(36 CFR 212.1)

### **Road Reconstruction**

Road Reconstruction defined as: Activity that results in improvements or realignment of an existing classified road as defined; (36 CFR 212.1)

1. Road Improvement: Activity that results in an increase of an existing road's traffic service level, expansion of its capacity, or a change in its original design function.
2. 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.

Typically, reconstruction activities can include adding or repair of drainage structures such as culverts, drain dips, grade sags, rocked fords and cross ditches, surface and ditch blading, spot rocking, aggregate surfacing or surface rock replacement, brushing, constructing additional turnouts and other work related items.

### **Road Decommissioning**

Road Decommissioning is defined as: Activities that result in the stabilization and restoration of unneeded roads to a more natural state. (36 CFR 212.1)

These roads are considered permanently removed from service and the Forest Transportation System, either because there is no reasonably foreseeable need for the road or because its continued use is not compatible with other resource protection needs. The goal is to leave them in a condition that will not require custodial maintenance. All stream crossing structures are removed and stream crossing areas are reshaped to resemble a natural condition. All culverts, roadside ditches and ruts are removed. The road surface is shaped so that no segments provide a continuous surface flow path to a stream channel. This is typically accomplished by outsloping the road surface, constructing frequent cross ditches, or a combination of both. Revegetating decommissioned roads can occur naturally or may be accomplished by other methods to get cover within ten years after the last activity, as required by the National Forest Management Act.