

## Current "Average Annual Cost of Routine Road Maintenance" for the Umatilla National Forest

Cost of Maintaining the Current Road System					North Half		South Half			
Highway Safety Act Roads (OML 3, 4, and 5)					Pomeroy	Walla Walla	Heppner	NFJD		
Work Activity (unit)	Cost per Unit	Units per Year	Cost per Year	Comments						
					100.6	158.6	90.9	168.9	519.0	< Total HSA Miles
Blading, Spring (mile)	\$ 200	430	\$ 85,985	< all crushed aggregate HSA road miles per year	92.6	135.5	82.0	119.8	429.9	< Miles per year
Blading, Fall (mile)	\$ 200	215	\$ 42,993	< 1/3 of all crushed aggregate HSA miles per year	30.9	45.2	27.3	39.9	143.3	< Miles per year
Brushing (mile)	\$ 600	104	\$ 62,283	< all HSA miles once every 5 years	20.1	31.7	18.2	33.8	103.8	< Average miles per year
Culvert Cleaning (mile)	\$ 135	104	\$ 14,014	< all HSA miles once every 5 years	20.1	31.7	18.2	33.8	103.8	< Average miles per year
Danger Tree Removal (mile)	\$ 450	104	\$ 46,712	< all HSA miles once every 5 years (10 trees per mile)	20.1	31.7	18.2	33.8	103.8	< Average miles per year
Ditch Cleaning (mile)	\$ 270	173	\$ 46,712	< 1/3 of all HSA miles per year	33.5	52.9	30.3	56.3	173.0	< Average miles per year
Slough & Slide Removal (cubic yard)	\$ 15	2,700	\$ 40,500	< perennial problem areas & disposal site development	200	1000	0	1500	2700	< Average cubic yards per year
Sign Maintenance & Replacement (year)	\$ 1	2,000	\$ 2,000	< annual needs, <b>once signing is up to standard</b>	300	600	200	900	2000	< Average dollars per year
Misc. Custodial Work (year)	\$ 1	3,000	\$ 3,000	< annual needs (a very conservative estimate)	500	900	400	1200	3000	< Average dollars per year
Damage Repair/Structure Maint. (year)	\$ 1	5,000	\$ 5,000	< annual needs (a very conservative estimate)	750	1500	750	2000	5000	< Average dollars per year

**Total Per Year for Highway Safety Act Roads > \$ 349,200**

Excerpt from *R6 Strategy to Prepare a Travel Analysis Report*:

"Average annual cost of routine road maintenance" means the average yearly need for basic road maintenance. This includes log out, drainage maintenance, erosion control, blading, brushing, traffic signs, etc. It does not include cyclical replacement costs (such as bridge replacement every 50 years, asphalt overlays, etc.), **which are covered by funding beyond the individual NFS unit budgets (e.g., Regional Capital Investment Program).**