

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

Based on an annual budget of \$80,000, and matched to a projected Sustainable Road System

Highway Safety Act Roads (OML 3, 4, and 5)					North Half		South Half			
Work Activity (unit)	Cost per Unit	Units per Year	Cost per Year	Comments	Pomeroy	Walla Walla	Heppner	NFJD	167.9	< Total Highway Safety Act Miles
Blading, Spring (mile)	\$ 260	92	\$ 23,816	< all HSA miles once every year	11.7	46.0	18.5	15.4	91.6	< Miles per year
Brushing (mile)	\$ 600	34	\$ 20,148	< all HSA miles once every 5 years	3.9	11.8	5.0	12.9	33.6	< Average miles per year
Culvert Cleaning (mile)	\$ 150	17	\$ 2,519	< all HSA miles once every 10 years	2.0	5.9	2.5	6.4	16.8	< Average miles per year
Danger Tree Removal (mile)	\$ 500	17	\$ 8,395	< all HSA miles once every 10 years	2.0	5.9	2.5	6.4	16.8	< Average miles per year
Ditch Cleaning (mile)	\$ 270	56	\$ 15,111	< all HSA miles once every 3 years	6.6	19.6	8.3	21.5	56.0	< Average miles per year
Slough & Slide Removal (cubic yard)	\$ 15	260	\$ 3,900	< perennial problem areas	0	130	0	130	260	< Average cubic yards per year
Sign Maintenance & Replacement (year)	\$ 1	600	\$ 600	< annual needs	100	200	100	200	600	< Average dollars per year
Misc. Custodial Work (year)	\$ 1	1,400	\$ 1,400	< annual needs	200	500	200	500	1400	< Average dollars per year
Damage Repair/Structure Maint. (year)	\$ 1	4,200	\$ 4,200	< annual needs	1000	1100	1000	1100	4200	< Average dollars per year

Total Per Year for Highway Safety Act Roads > \$ 80,089

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).