

Sierra NF 2027 Education and Safety
USFS - Sierra National Forest
Draft Cost Estimate

Education and Safety 2027:

The SNF designated trail system is over 190 miles of motorized trails. Primitive roads (ML2 or Green Sticker, 173 miles) are open for public access for motorized and non-motorized use. Motorized recreational experiences range from single track trails to challenging rock crawling to dirt roads. The difficulty of these routes range from easy to extreme routes throughout the system. The project area has 2,024 miles of roads open to all vehicles, including nonhighway green/red sticker vehicles, & 209 acres of designated areas open for recreational motor vehicle use or as a staging area for access to dispersed recreation opportunities. The aim of the following activities is to maintain & enhance OHV opportunities to Forest Service (FS) standards to provide the public with the best possible recreational OHV experience. The SNF winter program has 72,800 acres open to cross-country travel & 234 miles of snowmobile trails. These winter trails range from easy to most difficult. The difficult OSV trails access amazing vistas of the San Joaquin Valley, lakes & snowcapped ridges.

Project Cost Estimate:

Item	Cost for 2027
OHV Staff: Provide education, trespass prevention, and safety material while in official booth during OHV events and while present along OHV areas. Provide material while making public contacts. Speaking or presenting information and/or displays relating to OHV areas, rules, safety, and trail information at public fairs, events, on forest, and at the district office. Assist with signboard installations and signing. Help to set up official booth, displays, vehicles, and events. At schedule events present educational materials about ethical and responsible OHV riding and resource protection. Staff will emphasize staying on legal designated routes and avoiding trespassing on private property.	\$12,063
Forest Wide Specialist Support Staff: Funding to District Specialist, Aquatics, Botany, and Wildlife. Using data and information for the Forest Habitat Monitoring and Soil Conservation plans the specialist would prepare and present an overview of their findings. They will tie in how responsible riding will reduce or even prevent impacts from OHV use. Presentations may take place on the forest, classroom, or at local events.	\$3300
Subtotal	\$15,363

Materials and Supplies

Forest Wide Educational Items / Information: Pamphlets (\$220) maps (\$400), books (\$258), Tread Trainer Certifications Kit (\$65) shows the student has completed the course (but is not a trainer) etc. giveaway "prizes" (Hats and stickers with Tread Lightly messaging) (\$515) providing tangible education information during public contacts along OHV/OSV routes.	\$3335
Forest Wide Educational Signage: The funding would design, build and install interpretative signs	\$1275
Forest Wide-Public Display equipment, projector, screen etc.	\$375
Subtotal	\$4985

Other

Staff Per Diem For over night off Forest	\$6900
Subtotal	\$3900

Totals

OHV Staff	\$12,063
Forest Wide Specialist	\$3300
Materials and Supplies	\$4985
Other	\$6900
Total Estimate	\$26,348

Sierra NF 2027 Ground Operations
USFS - Sierra National Forest
Draft Cost Estimate

Ground Operations 2027:

The SNF designated trail system is over 190 miles of motorized trails. Primitive roads (ML2 or Green Sticker, 173 miles) are open for public access for motorized and non-motorized use. Motorized recreational experiences range from single track trails to challenging rock crawling to dirt roads. The difficulty of these routes range from easy to extreme routes throughout the system. The project area has 2,024 miles of roads open to all vehicles, including nonhighway green/red sticker vehicles, & 209 acres of designated areas open for recreational motor vehicle use or as a staging area for access to dispersed recreation opportunities. The aim of the following activities is to maintain & enhance OHV opportunities to Forest Service (FS) standards to provide the public with the best possible recreational OHV experience. The SNF winter program has 72,800 acres open to cross-country travel & 234 miles of snowmobile trails. These winter trails range from easy to most difficult. The difficult OSV trails access amazing vistas of the San Joaquin Valley, lakes & snowcapped ridges.

Through a combination of partnerships, volunteers, & various sources of funding, the Sierra National Forest (SNF) will undertake an OHV Ground Operations project that will include:

Maintain OHV trails and roads that allow OHV use (brush, remove logs, install and improve drainage structures, install and repair gates, repair tread, harden tread, maintain barriers to define trails, etc.) via Forest Service staff, Volunteers and Partners using hand tools, trail & road heavy equipment (i.e., Sweco trail dozers, skid steer with various attachments, stand behind loaders, mini excavators various attachments, full size dozers, excavators various attachments, backhoe, water trucks, and dump truck. Equipment is either already owned or will be rented for projects

- Maintain OHV open areas through specialized equipment.
- Acquire, install, repair and or replace OHV related signage.

Maintain OHV staging areas, trailheads, OHV campgrounds (clean and supply restrooms, litter pick-up, post and maintain kiosks/signs, pump vault toilets, maintain barriers to define parking areas, maintain/repair or replace picnic tables, fire rings, food lockers, hazard tree removal, repair vandalism, etc.).

- Monitor, report, and mitigate OHV trail soil/hydrology conditions.
- Monitor, report, and mitigate potential OHV impacts to sensitive plant and wildlife habitat, archaeological resources.
- Maintain and repair OHV equipment and trail tools.

Purchase supplies needed for Ground Operations functions (i.e., fuel for OHV equipment, trail hand tools, power tools, personal protective equipment, lumber, hardware, trail markers and decals, cleaning supplies, toilet paper, chainsaws, Tread Lightly materials, etc.)

Project Cost Estimate:

Item	Cost for 2027
OHV Staff: Funding for staff to implement program of work on motorized routes. They will perform maintenance on OHV facilities, Green Sticker Roads, OHV designated trails. This work includes: Annual trail opening/clearing, maintaining trail corridor by brushing, sign installation, cleaning/repairing water bars and other erosion control structures, cleaning toilets, litter pick-up, and fire ring repair/cleaning. Trail Monitoring for trails and developed campgrounds for problems such as resource damage related to OHV use, implements projects for the mitigation of resource damage i.e. rock barriers, completes public contacts for implementation of MVUM, "Tread Lightly!" principles. Assist with on-site inspection of ground operation work.	\$556,000
Forest Wide Specialist Support Staff: Staff are responsible for completing reviews of OHV activities. When necessary, staff will provide guidance to assist OHV staff. Forest Specialist will produce required reports, Soil Conservation Plan and Habitat Monitoring Plan (HMP)	\$60,000
Forest Wide Road Crew Support: To assist primarily on Green Sticker Roads and when requested, OHV designated trails. Crew will use Forest Service equipment to maintain roads of importance to the OHV users. If OHV trails are accessible for the larger equipment, they will assist with trail repair and maintenance.	\$72,000
Subtotal	\$688,000

Materials and Supplies

Forest Wide Signs on Trails	\$4100
Forest Wide Boulder/Wood Trail Delineators	\$2625
Forest Wide-Staff and Volunteer Personal Protection Equipment PPE	\$4725
Forest Wide- Janitorial Supplies	\$2625
Forest Wide- Lumber	\$978
Forest Wide Trailhead Signs/Information Boards	\$6300
Forest Wide Hand Tool Repair and Replacement	\$2940
Forest Wide Handheld Power Tool Repair and Replacement	\$1995
Forest Wide Concentrated Use Area (CUA) and Motor Vehicle Use Map Information	\$2000
Forest Wide Erosion Control Materials	\$210
High Sierra RD OSV Signs	\$2200
High Sierra RD OHV/OSV Motorcycle and Snowmobile Safety Apparel	2310
Forest Wide Chainsaw Tools and Supplies	\$2940
Forest Wide MVUM Printing	\$3195
Forest Wide Signage for ML 2 (Green Sticker) Road signs	\$8000
Forest Wide Base Rock for ML 2 Roads and OHV Trails	\$10,500
Forest Wide Fuel and oil for handheld power equipment	\$525
Subtotal	\$58,168

Equipment Use

[Grant Funded Equipment related expenses (fuel, maintenance and Accessories)	\$6254
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Equipment Purchase

TBD (We are exploring a few options. We specify after consulting with Calparks	\$125,000
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Other

Toilet Pumping	\$8420
Trailer Replacement	\$15,000
Staff Per Diem	\$4800
Subtotal	\$28220

Totals

OHV Staff	\$556,000
Forest Wide Specialist and Road Crew	\$132,000
Materials and Supplies	\$58,168
Equipment Use	\$6254
Equipment Purchase	\$125,000
Other	\$28220
Total Estimate	\$905,642