

NEVADA OFF-HIGHWAY VEHICLES PROGRAM
FY 2019 GRANT APPLICATION PAGE 1
Nevada Commission on Off-Highway Vehicles
Nevada Department of Conservation and Natural Resources

This application has FIVE sections which are all REQUIRED to be filled out in full. To avoid disqualification, all application areas must be concise and complete; certifications must be signed and dated. Denied applications: correspondence will be sent to applicant by email describing the reason for declaring the application incomplete.

SECTION I - PROJECT AND APPLICANT INFORMATION

1. **Project Name:** High Clearance Vehicle Route and Motorized Trail Maintenance

2. **Project Dates:** *Expected Start:* 3/1/2019 *Expected Completion:* 11/1/2019

3. **Applicant Name:** Humboldt-Toiyabe National Forest

Mailing address: 1200 Franklin Way , Sparks Nevada, 89431

Attn: Bill Dunkelberger, Forest Supervisor

Phone: (775) 355-5310

Email: wadunkelberger@fs.fed.us

4. **Classification of Applicant:** *(check one)*

Federal State County Local/Municipal Other: _____

Partnership Non-profit for Profit Individual

If the applicant is a corporate or legal entity, proof of good standing in the entity's state of incorporation is required. NAC 490.1345 (Note: grantees must have the capacity to implement and accomplish proposed project and properly administer awarded funds).



Applicant Signature
(Chairperson/President/Authorized Official)

10/30/19

Date

5. **Project Manager:** Peter Fleischmann, Assistant Forest Engineer

Mailing address: 1200 Franklin Way, Sparks Nevada 89431

Phone: (775)352-1272

Email: pfleischmann@fs.fed.us

6. Classification of Land Control: *(check all that apply)*

Federally managed public land Private Land County City

Other: _____

Lease; Attach copy of lease with expiration date.

R&PP; Attach copy of lease with expiration date.

If the proposed project is to be carried out on public land, attach any applicable written agreement with any government entity having jurisdiction over that land, including permits, leases, easements, and rights-of-way. NAC 490.135

7. Landowner: USFS Humboldt-Toiyabe National Forest

Mailing address: 1200 Franklin Way, Sparks Nevada 89431

Phone: (775)355-5310

Email: wadunkelberger@fs.fed.us

8. THE LANDOWNER MUST PROVIDE A LETTER STATING THAT:

(See example Appendix B)

- a) Landowner has read the Request for Grant Application package;
- b) Landowner agrees with the application and the terms of the grant;
- c) Landowner holds an interest in the subject land that is sufficient in scope and authority to allow the applicant to complete the proposed project and operate and maintain the proposed project after its completion;
- d) Landowner is legally committing to maintain the trail/facility and will allow public motorized access to such trail/facilities for 25 years or the normal life of the project; and
- e) Landowner agrees to provide any match or other tasks in the application that are assigned to Landowner.

The State may require the landowner/agency to be co-grantee on the grant agreement/contract.

9. Project Costs: (Please do not submit match not directly related to the project)

State OHV Grant Request: \$77,649 _____
Other Funds: \$17,419 _____
Total Project Amount \$95,068 _____ 100%

What are the sources or Partners for your leveraged (other) funds?

Federal Private In-kind City/County Other

Please describe source(s): Forest Service road maintenance funding.

Type here: In kind Forest Service funding will be used to determine route maintenance demands after the 2018-2019 winter. Planning equipment, personnel, coordination with other District resources, and project administration will also be done with Forest funding.

10. LETTERS OF SUPPORT FROM PARTNERS are required:

- a) confirming they agree to the terms of the grant; and
- b) that they are committed to providing match/cash or other tasks in the application that are assigned to them.

Other letters of support are limited to three (3). Please attach them to the application.

11. Project Type(s) (NRS 490.069 Sec.2c) check all that apply:

- Studies or planning for trails and facilities;
 - Environmental Assessments and Environmental Impact Studies.
 - Other studies _____
- Acquisition of land for trails and facilities
- Mapping and signing of trails and facilities
- Reconstruction, enhancement or maintenance of existing trails and facilities
- Construction of new trails and facilities
- Restoration of areas that have been damaged by the use of off-highway vehicles.
- The construction of trail features, trailheads, parking, or other ancillary facilities which minimize impacts to environmentally sensitive areas or important wildlife habitat areas.

Safety training and education related to the use of off highway vehicles and registration

Compliance and enforcement (See Appendix C, Enforcement Strategy example)

Note: Operations & management, and purchase or lease of equipment associated directly with a project are eligible.

12. All Trail USERS: *(check all that apply)*

Mountain Biking

Hiking/Backpacking

Equestrian

Single track motorcycle

Snowmobiling

Snowshoe/ski

ATV quads

Dune buggy

UTV Side by side

Race Course

Skills riding course

Specific routes will be considered for single use but most routes will allow all uses. Motorized uses such as UTV's, quads, and motorcycles will gravitate to the routes on the Forest that are maintained. The large number of roads and trails on the Humboldt-Toiyabe National Forest give an opportunity for a wide variety of uses without conflict between uses on most routes.

13. Scope of Work: Please describe *exactly* what work will be completed. Programs, planning, NEPA, surveys, mapping, etc., and include miles of trail, trail type and other measurable goals including a timeline for completing the work. NAC 490.1375. If purchase of equipment is included, please explain where/how it will be housed and maintained. (In order to avoid duplication, **do not include** justification or narrative in this section; refer to Section VI, Scoring Narrative).

Motorized routes will be evaluated after the 2018-2019 winter and 30 miles of high clearance roads or motorized trail will be prioritized to receive maintenance. The Forest has over 2,000 miles of motorized trail and over 3,000 miles of high clearance roads that are at risk of storm damage and would benefit from receiving maintenance with this opportunity. Routes chosen to receive the maintenance work will be presented to the commission for acceptance.

Specific maintenance activities would direct drainage off of the route, repair mudholes, clear brush to increase visibility, etc. This maintenance will protect the watersheds and wildlife habitat while increasing user satisfaction and enjoyment of riding in the Forest. Maintenance has not been done on these high clearance roads and trails for many years due to drastically reduced road and trail maintenance budgets.

The Humboldt-Toiyabe National Forest will organize a crew specialized in high clearance road and trail maintenance. Heavy equipment such as a trail dozer, mini excavator, service truck, and backhoe will be used along with a crew of three operators and laborers.

Maintenance will be done focusing on activities to promote the longevity of the corridor to sustain use over many years. Draining mud holes, outsloping, constructing driveable dips and lead out ditches, constructing hardened low water crossings, cleaning edge ditches, regrading gullies and ruts, and restoring the route template will be done as maintenance activities along the routes.

14. Standards/Guidelines that will be applied to your project:

Universal Access to Outdoor Recreation - A Design Guide

USFS Standard Specifications for Construction & Maintenance of Trails

BLM Handbook 9114-1 Trails

NOHVCC Handbooks

Other: _____

15. Has the applicant received funding from the OHV Program in the past?

No Yes

Number of projects funded: _____

Amount of funding Received: \$ _____

Number of projects Completed: _____

SECTION II – LOCATION, MAPS, PHOTOS

Project Location:

Specific locations of high clearance vehicle routes to receive maintenance will be provided after the winter of 2019 dictates the need for prioritized maintenance. Maps will be provided to show the general location, topography, township rang and

County: _____

Nearest Municipality/Town/City: _____

Center of project: Latitude: _____ Longitude: _____ \

If the shape-files for the trail system are available, please submit them in the e-file. The shape-files of the trail will be required at project end. Program will assist in the collection of the data if needed.

MAPS ARE A VERY IMPORTANT PART OF THE APPLICATION. THEY ARE REQUIRED AND CONSIDERED PART OF THE FINAL AGREEMENT IF FUNDED. PLEASE PROVIDE READABLE, PROFICIENT MAPS.

Required Maps: for all maps please include a legend, north arrow, scale, and map name.

Topographic maps preferred. You may include *additional* aerial/google maps.

- General location map (showing project area within the state or county)
- Topographic map (7.5 minute series quadrangle, 1:24,000 scale) with project boundary and map name Township: _____ Range: _____ Sections _____
- Detail map indicating specific project elements (e.g., structures, trail alignment)
 - Maps larger than 11x17 will not be accepted

Please attach the following photographs:

- At least two (2) overviews of the project area from different angles and distances. (Good photographs at trail level and google aerials help the scoring committee to understand the location, depth and breadth of your project.)*
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SECTION III - Federal Lands or Other

Federal Environmental Compliance

A. If Federal funds or Land are a part of the project and NEPA was completed, indicate which document was produced, and **please attach the decision document to this application:**

- Record of Decision (ROD)
- Finding of No Significant Impact (FONSI)
- X Categorical Exclusion (CX)
- SHPO 106 compliance/concurrence letter.
- Other compliance documents already completed. (do not attached the EA or EIS)
- Not applicable

If NEPA or planning is a part of the project describe the steps in the Scope Section I, #13.

SECTION IV - BUDGET

Proposed Budget: Provide your budget details to include at a minimum the items in the following table. You may create your own spreadsheet.

- Your budget must align clearly with your scope of work from #13. Be specific, as your application will rate higher.
- Reminder: Include all sources of funds for the completion of the project including federal, in-kind, private/city/county and state funds.
- **It is recommended that you attach copies of estimates to support your budget, and identify what each contract will include.**

EXAMPLE

Item Description	Item Description	\$\$ OHV Grant Request	Federal \$\$	Other Funds	Total Cost
Contracts: studies					
Contracts: planning , design, engineering construction					
Direct labor costs Salaries, including fringe, actual costs		\$24,437 (2 operators, 1 laborer, 1 supervisor)	\$17,419 (2 engineers 20 days planning and administration)		\$41,856
Volunteer or donated labor/in-kind # Hrs. skilled labor @\$23.56/hr. (not required but is important for scoring higher) (You will have to provide paperwork for this in your reporting to receive score points)					
Purchase or rental of equipment - Specify type of equipment – cost- # of days. Attach estimate or quote.					
Purchase of Materials, Items & cost or group of items.		\$11,796 (mini excavator, trail dozer, backhoe, service truck, and pickup)			
Travel Costs, Per - diem		\$20,352			
Vehicle gas and maintenance standard is now at .54 per mile. Estimate miles.		\$21,064			
Other: be specific					
Totals		\$77,649	\$17,419		
Percentages		82%	18%		100%

SECTION V – PRIORITIES AND SCORING NARRATIVE

THE SCORING PRIORITIES ARE LISTED IN ORDER OF PRIORITY.

Address the following twelve (12) criteria in the order listed below.

- Please tell us how your project/program meets each criteria.
- Be specific and concise with your answers.
- Please submit no more than five (5) double-sided pages for your Narrative.
- Please type directly into this application. *If the form doesn't work for you, please cut and paste into another document and answer in the same order as given below. (If not applicable, answer N/A.)*

1. ***Law Enforcement Strategy that addresses enforcement as well as Public Education & Outreach aimed at increasing renewals and new registrations:***

The Humboldt-Toiyabe National Forest has Law Enforcement Officers, Forest Protection Officers, as well as field going employees who interact with the public using OHV routes. The officers are trained to patrol for OHV stickers as well as at educating the public on the responsible use of operating recreational vehicles on Forest roads and trails. The presence of Forest Service vehicles also encourages people to purchase appropriate stickers and drive responsibly.

2. ***Trail mapping, signing and maintenance of existing trails and facilities: Please describe how your project/program assists in the maintenance and/or rehabilitation of Existing Facilities. "Taking care of what is already there to protect the investment."***

Trails and high clearance routes will be monitored for damage from this winter and spring weather. Routes that sustain damage or need maintenance will be prioritized throughout the Humboldt-Toiyabe National Forest. A crew of heavy equipment and operators will be dedicated to trail maintenance during the summer.

3. ***Training: Please describe the goals and objectives of your public training program, i.e., Public Education, Rider Classes, Safety, Trail Building, or Outdoor Ethics. Number of people trained, contacts made, etc.***

Public interactions with law enforcement and other employees educate the public on using the Forest responsibly. Forest visitors observing the maintenance work from this project will see the funds from the OHV sticker program at work and will encourage continued participation and support of the OHV program.

4. ***Law Enforcement, SAR with NO Registration component: How will your officer training, equipment purchase or salary/overtime request serve the off-highway vehicle recreating public?***

Officer training or equipment is not requested with this project.

5. **Access:** *Please describe how your project/program ensures protection of access. Explain what access/opportunities would be lost or restricted if the project doesn't occur.*

If routes are not maintained they could be closed due to resource damage and unsafe access by OHV's. Conducting maintenance will ensure the continued use of the routes for years to come.

6. **Economic Integration:** *Please describe how your project/program develops outdoor recreation opportunities that help local, regional, or state economies grow (e.g., economic impact, additional OHV funding sources, improved user or business group participation, Road use resolutions and OHV friendly Communities.)*

The Humboldt-Toiyabe National Forest brings many visitors to local communities throughout Nevada. Creating well maintained routes to provide visitors with a pleasant opportunity to see the great landscapes, wildlife, and cultural resources encourages visitors to recreate longer and return to Nevada. Recent budgets have reduced the capacity of the Forest to maintain all the roads and trails on the Forest. Work has been concentrated on high use roads and emergency repairs. This project aims to develop a system of high clearance recreational routes into good repair for the use of the visiting public.

7. **Connectivity/Loops:** *Please describe the increase in connectivity between trails, facilities and other locations that your project/program would provide or enhance when completed. Attach maps if necessary, i.e., towns, parks, areas, trails, etc.*

The Humboldt-Toiyabe National Forest has a huge system of trailheads, high clearance roads, and campgrounds that would benefit from increasing the maintenance of some high clearance OHV routes. Providing well maintained routes would entice recreational use in the area where users would find other recreational opportunities.

8. **Planning, Environmental Studies, Conservation:** *please describe how the environmental studies and/or planning will result in maintaining or expanding OHV riding areas. Describe HOW your project/program considers water and habitat conservation.*

The Humboldt-Toiyabe National Forest Natural Resource Land and Management Plan includes a wide variety of uses including OHV riding areas, motorized trails, high clearance roads, and passenger car roads. Every Ranger District has opportunities for OHV groups and riders of every skill level. Environmental studies consider the needs of communities and various user groups. OHV routes are designed to provide a unique riding experience with consideration for protecting wildlife and plant habitat, addressing hydrologic function of watersheds and nearby streams, identifying soil types that need to be avoided or engineered to provide stability to the route, and protecting cultural resources that are so unique in Nevada.

- 9. Partnering and Leverage:** Please describe coordination that has occurred with stakeholders, partners and the public in which all interests have had an opportunity to be heard related directly to this project/program. Also, describe how your project/program leverages private, BLM, USFS, State, local government, or in-kind funding, services or donations (Considered as investment in the project. Match is not required, but is commended and will receive additional points. Please remember to attach support letters as described in Section I, #8 and #10).

The Humboldt-Toiyabe National Forest has several road maintenance agreements with the BLM, Counties, and private individuals throughout Nevada. Trail maintenance is done with partnerships with Great Basin Institute and Friends of Nevada Wilderness. The Forest coordinates with OHV groups, ranchers, tribes, mines, outfitters, and many other Forest users to hear interests and ideas for management of the Forest roads and trails.

- 10. Demand for New Facilities:** Please provide justification (the demand) for NEW facility/program development: restrooms, trails, signs, and other amenities.

The demand to maintain our high clearance route infrastructure is increasingly important to our local communities. More people own OHVs and have an interest in riding on a safe and fun trail system. More OHV use leads to more problems on routes resulting from riding on muddy trails, riding in areas not designed for certain OHV's, and just from wearing out the surfacing on the route. Forest Service road and trail budgets have significantly been reduced in the last five year. Regional direction has required road maintenance funding to be spent on roads with higher number of vehicles or to repair washouts or storm damaged routes. Trail budgets need to be spent on maintaining non-motorized trails and patrolling our motorized trails. The Forest has over 2,000 miles of motorized trails and over 3,000 miles of high clearance roads that have been primarily without maintenance over the last 10 years. A program to concentrate on maintaining some of these high clearance routes so OHV's have a safe and entertaining trail system to ride on would be beneficial to the Nevada OHV program.

- 11. Maintenance:** Although this OHV grant program requires maintenance of all facilities funded for 25 years or the normal life of the project, please describe **HOW** your project will be maintained and **WHO** has committed to the ongoing maintenance of the facility or continuation of the service/program. (Please remember to attach support letters as described in Section I, #8 and #10).

This grant would fund construction of features such as drivable dips, ditches, and outsloped templates that would direct and keep water off of these routes and facilitate self-maintenance. The Humboldt-Toiyabe National Forest employees trails crews throughout the Forest to perform light maintenance tasks on these OHV routes and the forest road crew would perform periodic heavy maintenance as needed.



File Code: 7700

Date: October 30, 2018

Nevada Off-Highway Vehicles Program
Department of Conservation and Natural Resources
901 S. Stewart Street, Ste 1003

RE: High Clearance Vehicle Route and Motorized Trail
Maintenance Nevada OHV Grant

Dear Commissioners,

The above stated off-highway project has my approval as of October 30, 2018.

I have read the Request for Grant Application package and attachments, I agree with the application and the terms of the grant. I am committed to maintaining the trails and routes and will allow for motorized access to those facilities for 25 years or the normal life of the project, whichever is greater. I agree to provide any match or other tasks in the application that are assigned to me.

I am the Forest Supervisor of the Humboldt-Toiyabe National Forest and manage the land to allow the applicant to complete the proposed project and operate and maintain the proposed project after its completion.

The project is located on the Humboldt-Toiyabe National Forest and is in conformance with the appropriate land management permits, licenses, clearances, and Federal environmental analyses documentation necessary to comply with local, state and/or federal laws specifically, NRS 490.069. Maintenance of existing motorized trails and routes falls under the following categorical exclusion under 36 CFR 220.6 (d) (4)

(4) Repair and maintenance of roads, trails, and landline boundaries. Examples include but are not limited to:

- (i) Authorizing a user to grade, resurface, and clean the culverts of an established NFS road;***
- (ii) Grading a road and clearing the roadside of brush without the use of herbicides;***
- (iii) Resurfacing a road to its original condition;***



- (iv) Pruning vegetation and cleaning culverts along a trail and grooming the surface of the trail; and*
- (v) Surveying, painting, and posting landline boundaries.*

If you have any questions or concerns, please contact Peter Fleischmann at (775) 352-1272 or by email at pfleischmann@fs.fed.us

Sincerely,



WILLIAM A. DUNKELBERGER
Forest Supervisor

**2019 High Clearance Vehicle Route and Motorized Trail Maintenance
Budget Proposal**

High clearance route maintenance to construct drainage, repair mudholes, brushing, and outsloping at a rate of 1 mile per day and 16 work days per

Labor		\$/day	\$/ mile		Project: 30 miles
	Operator	\$ 322.94	\$ 322.94		
	Operator	\$ 276.44	\$ 276.44		
	Laborer	\$ 165.57	\$ 165.57		
	Supervisor	\$ 396.97	\$ 49.62		
			\$ 814.57		\$ 24,437.14

Planning and administration will require 20 days from two engineers to be in-kind funding.

		\$/day			Project: 30 miles
	Engineer	\$ 435.48			\$ 17,419.20

Equipment will be committed for 2 months for 30 miles of maintenance. Heavy equipment will be used 200 hours each. Support trucks will be used 1000 miles

Equipment		Use rate \$/month	FuelMaintenance Cost per hour or mile		
	Mini Ex	\$2,400.00	\$39.78		
	Trail Dozer	\$2,400.00	\$39.78		
	Backhoe	\$533.00	\$20.41		
	Service truck	\$320.00	\$0.74		
	Pickup	\$245.00	\$0.33		
	Total	\$5,898.00	\$101.04		
	Use Cost	\$11,796.00			
	Fuel Maintenance Cost		\$21,064.00		
Travel	\$/day/person				
	\$159.00		\$20,352.00		

Labor, Equipment, Fuel and Travel Cost for 3 miles of OHV route maintenance	\$77,649.14
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