

1594 - Nevada Mapping Collaborative

Application Details

Funding Opportunity: 1001- Motorized & Diverse Projects - Recreational Trails Program 2022 Grants
Funding Opportunity Due Date: Nov 2, 2021 12:00 AM
Program Area: Recreational Trails Program
Status: Under Review
Stage: Final Application

Initial Submit Date: Nov 1, 2021 2:50 PM
Initially Submitted By: Kevin Dose
Last Submit Date:
Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes

Type: External User

Name: Mr. Kevin Dose
Salutation First Name Middle Name Last Name

Title: Deputy Director

Email*: kdose@thegreatbasininstitute.org

Address*: 16750 Mount Rose Hwy
Ste 101

Reno Nevada 89511
City State/Province Postal Code/Zip

Phone*: 775-674-5497 Ext.
Phone
#####

Fax: ### ##

Comments:

Organization Information

Status*: Approved
Name*: Great Basin Institute
Organization Type*: Non-Profit Organization
Tax Id: 88-0431016
Organization Website: <https://www.thegreatbasininstitute.org/>
Address*: Great Basin Institute
16750 Mt Rose Highway

Phone*: Reno Nevada 89451-
City State/Province Postal Code/Zip
775-674-5475 Ext.

Fax: 775-674-5499
##

Benefactor:

Vendor ID:

Comments:

RTP Pre-Application - MOTORIZED & DIVERSE

Project Description

Classification*: Organization
Please choose one.

Organization Classification: Non-Profit
Please choose one.

**Grant Manager/
Primary Point-of-Contact
(if grant is awarded)*:** Kevin Dose
First Name Last Name

Title*: Deputy Director
Email Address*: kdose@thegreatbasininstitute.org
Telephone*: 775-674-5497
Address*: 16750 Mount Rose Hwy

Address Line 1
Address Line 2
Reno Nevada 89511-
City State Zip Code

Land Owner*: United States

Classification of Land Control*: Public Land
Select all that apply.

Project Costs
Please do not submit match not directly related to the project.

Grant Request*: \$82,842.00

Match Amount*: \$4,812.00
(20% of total amount for diverse& education projects; 5% for moto)

Total Project Amount: \$87,654.00

Match Sources*: In-Kind

Please Describe Source(s)*:

Great Basin Institute will leverage \$4,812 from Nevada Off-Highway Vehicle Commission grant award funded to continue Nevada Mapping Collaborative project initiatives.

Project Category(s)*: Motorized for diverse use
Select all that apply.

Trail Use*: Interpretation/maps/brochures,OHV/Motorized
Select all that apply.

If Other, Please List:

Project Type*: Other
Select all that apply.

If Other, Please List: Publishing maps for authorized motorized trails in Nevada

Scope of Work
Describe exactly what work will be completed, include miles of trail or other measurable goals. Please be specific to the actual project being built.

Scope of Work*:

The Great Basin Institute Mapping Collaborative (GBIMP) provides recreational trail geospatial data and planning assistance to Nevada communities and public land managers. The Collaborative advocates for the safe and respectful use of recreational resources in the State of Nevada and assists in the promotion of recreation as a recognized driver for community economic development.

The GBIMP team will continue to manage the state's motorized trails database, websites, and recreational map production. Approximately 40% of resources will be dedicated to website and geodatabase management, including managing updates to the Nevada TrailFinder Website GIS data and creating new trails data or updating existing data in the Nevada Trails database. Approximately 30% of resources will

be dedicated to producing high quality user-facing recreation maps, including updating and creating new georeferenced PDF maps for public download, as well as map layout and design for printed Community or Regional Trail Maps, Trailhead Kiosks, and promotional materials. Approximately 20% of resources will be dedicated to on-going field survey and trail inventory projects to support additional trail systems or planning efforts. Approximately 10% of resources will be dedicated to supporting landowner planning efforts by creating data and maps for existing and proposed trails, identifying existing and planned access points and trail connectivity routes, and providing data for the analysis and identification of potential land use conflicts.

The GBIMP team will continue to improve trail user safety by providing the public with accurate maps and GPS data for authorized recreational trails and connectivity across the entire state, as well as provide maps and data to Emergency Response organizations, showing trail locations, access points, and connectivity.

Project Location

Congressional District(s)*: District 1, District 2, District 3, District 4
Select all that apply.

County*: Statewide

Municipality/Town/City*: Statewide

Environmental Compliance

See page 10 of the RTP Handbook for more information.

Does not apply to Planning or Education projects with no ground disturbing activities.

Is a Federal agency involved in this project as an applicant, partner, or landowner?

Federal Agency*: Yes

If yes, environmental clearances have likely been completed for your project area.

Please indicate which NEPA document was produced.

Please attach the document to this application.

NEPA Document Produced: Categorical Exclusion (CE)

NEPA Document:

Historic Resource Compliance

Please provide the following information:

Describe the extent of ground disturbance for this project. Specifically, describe the length, width, and depth of the most significant instances of excavation/digging.

Ground Disturbance:

Describe both current and past uses of the project area.

Project Area Use:

Describe any known cultural resources in the project area.

This may include historic buildings, archaeology sites, and any other objects estimated to be over 50 years old.

Cultural Resources:

Maps

Named Attachment	Required	Description	File Name	Type	Size	Upload Date
General location map (showing project area within the state and/or county) Topographic map with project boundary and map name (7.5 minute series quadrangle, 1:24,000 scale) Detail map indicating specific project elements (e.g., structures, trail alignment)						

Photos

Description	File Name	Type	Size	Upload Date
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No files attached.

Shape Files

Description	File Name	Type	Size	Upload Date
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No files attached.

Authorization

Authorized Individual*: Kevin Dose 08/20/2021
First Name Last Name Date

Title*: Deputy Director

Agency/Organization*: Great Basin Institute

RTP Application - MOTORIZED & DIVERSE PROJECTS/PLANNING PROJECTS

Project Description

Standards/Guidelines Applied to Project*: Other

If Other, Please List: Not Applicable

List all permits required to complete project.

Permits:

There are no permits required to complete project scope of work.

Does the project include a paved bicycle path?

Bicycle Path*: No

Plan Title:

Has the applicant received funding from the Recreational Trails Program in the past?

Past Funding*: Yes

Number of Projects Funded: 48

Amount of Funding Received: \$4,078,233.00

Number of Projects Completed: 38

Project Narrative

Project Need

Describe how this project fits with current community development plans.

Current Plans*:

One of the primary goals of the Nevada Mapping Collaborative project is to collect, store, and publish maps for Nevada's authorized public off-highway vehicle recreational trails. Providing accurate information regarding the location and condition of our state's motorized recreational trail resources compliments local and state development plans, as well as federal land manager land use and travel management plans, by providing important information that allows for maintenance of existing resources and planning for future resources.

Describe the project's ability to enhance recreation options for an underserved area or population. ?Underserved? is defined as an area or population with inadequate services, facilities, and/or a lack of access to recreation opportunities.

Underserved Area or Population*:

This project will enhance recreation options for underserved communities by providing communities access to the most current and up to date authorized motorized recreational trail maps. Access to this information can be used to promote recreation opportunities to local community members and visitors.

Project Quality

Describe project schedule(s) and contingency plans.

Schedule and Plans*:

The implementation of this project is scheduled to begin in August 2022 with the goal of completing the project by January, 2023. It is important to note that the Nevada Mapping Collaborative team, currently led by Holly Smith, is actively working on the project scope of work and will be transitioning to Nevada Off-Highway Vehicle Commission grant funding in March 2022. The team will continue executing the project scope of work under commission grant funds until approximately July 2022 when they will transition back to RTP grant funds if awarded. The team is currently focused on map publication and remains flexible with scheduling field work tours. The flexibility in project schedule allows the team to adjust plans when challenges with field work (i.e. weather, access, etc.) arise.

Describe the confirmed partnerships for this project.

Partnerships*:

GBI has the continued support from the Bureau of Land Management Nevada State Office, US Forest Service Humboldt-Toiyabe National Forest, Nevada Department of Conservation and Natural Resources, and State of Nevada Off-Highway Vehicles Program. Since inception, the team has partnered with local Nevada communities, including Austin, Caliente, Eureka, Beatty, Mina, Dayton, as well as motorized trail enthusiast groups from around the state, to complete trail map and kiosk map design, layout and user-facing map production projects.

Included with our application Supporting Documents are examples of mapping products that were created through local partnerships with Caliente NV (Suggested OHV Routes Map), Mina NV (Website Dirt Page), Cold Springs Station (Website Dirt Page), and the Silver State Trail System (Website Dirt Page).

As our project continues, GBI will continue partnering with interested parties including local, state, and county governments, as well as local OHV enthusiast groups to meet the mapping needs of the Nevada OHV community that otherwise would not have mapping capabilities in-house.

Describe the nature and extent of public engagement with this project and what is being done to mitigate any concerns conveyed by the public.

Public Engagement*:

Since inception, the Mapping Collaborative team has worked closely with local OHV enthusiast groups from around the state to support map production needs. Public enthusiast groups directly receiving support from the team include Kokopelli ATV Club, Biggest Little Trail Stewardship, Silver State Off-Road Alliance, Pine Nut Mtns Trail Association, National OHV Conservation Council, High Desert ATV Club, Best-In-The-Desert Racing, Nevada Outdoor School and the Eastern Sierra Trails Coalition.

The team remains a resource for anyone with an interest in publishing authorized motorized recreational trail maps and actively seek opportunities to collaborate on mapping projects. Any concerns conveyed by the public would be investigated with the goal to mutually resolve as quickly as possible.

Describe the implementation of best practices in each phase of the project (e.g., planning, budgeting, construction, etc.).

Project Phases*:

Through strong relationships with Nevada's OHV Program (NOHVP), public land managers, local governments, and local OHV enthusiast groups, GBI is excited to continue managing the Nevada Mapping Collaborative Project. The team has relied on lessons learned and information gathered during the 2018, 2019, 2020, and 2021 project years to continually adapt our project design, goals, and associated project costs to meet the evolving needs of the project. The most recent example would be the change in project focus from field data collection to publishing maps, updating "Dirt" pages on the Nevada OHV Commission website, and providing maps for the newly developed Nevada TrailFinder website. The transition in project focus was the direct result of routine communication with NOHVP staff and establishing clear goals for how we would utilize data collected in the field.

The project team has relied on routine communication with project stakeholders to identify authorized OHV recreational trails and trail rides that need mapping support to continue building our statewide OHV authorized trail database and publish high quality recreational trail maps on the Nevada OHV Commission and TrailFinder websites. As the initial phase of our project is coming to a close, the team will continue to maintain communication with stakeholders and monitor progress on project goals and targets.

How does the project promote sustainability goals and principles (e.g., social, environmental, economic) in the design criteria?

Sustainability*:

There is an abundance of evidence that outdoor recreation has an impact on community economic sustainability, health, and growth. Improved recreation increases real property values and attracts tourists looking to enjoy the great outdoors. In addition, outdoor recreation provides local community members with opportunity to improve physical health and well being. This project will directly promote social and economic sustainability goals of our state and local communities through enhancing recreation opportunities and the ability to promote opportunities through reliable and accurate recreation site maps.

Alignment with Nevada's Recreation Goals

How will the project contribute to the maintenance and/or rehabilitation of existing outdoor infrastructure?

Existing Outdoor Infrastructure*:

The Nevada Mapping Collaborative project contributes to the maintenance and/or rehabilitation of existing outdoor infrastructure by collecting geospatial data, photo documentation, and the condition of recreational resources including trails, trailheads, and staging areas that require attention. The data is stored in the project database for future reference and shared with land managers to inform future outdoor infrastructure work plans and potential grant projects.

How will safety be implemented in the design, maintenance, and management of the project?

Safety*:

Improving public safety remains a primary goal for the Nevada Mapping Collaborative project. The team strives to achieve this goal by utilizing the Nevada OHV Commission and Nevada TrailFinder websites to publish accurate trail maps in multiple formats, inform the public about land manager rules of the road, encourage riders to plan ahead and be prepared, as well as promoting rider education and safety training resources. Please reference the Middlegate Station Dirt page at <https://ohv.nv.gov/trails/middlegate-station> for an example of how this important safety information is communicated to the public.

GBI field programs emphasize a culture of safety by embedding safety into all that we do. Prior to initiating field assignments, team members receive Recreational Off-Highway Vehicle Association (ROHVA) certification for safe and responsible operation of OHV vehicles, as well as trailer safety and 4x4 off road vehicle operation training. As our teams implement field based project assignments, each team completes daily tailgate safety meetings and stretch circles prior to initiating project work. Meetings focus on identifying hazards associated with the project assignments, how to safely mitigate hazards and risks, and reviewing any near miss or safety incidents from the prior day. The team is also required to check in and out two times per day (morning and evening) with office based staff using an In-Reach satellite safety communication device. This device provides the team with the ability to conduct two way communication via text in the event support is needed and cell phone service is not available and also provides the team with direct communication with emergency services in the event of an emergency.

How does the project increase connectivity between trails, facilities, or other locations?

Connectivity*:

This project promotes increasing connectivity between trails, facilities, and other locations by providing the public with accurate trail maps that can cross land manager jurisdictions. With this information, the project enhances the opportunity to plan rides/trips connecting multiple locations. The multi-jurisdictional statewide OHV trail database provides the public and public land managers data on existing recreational trail resources and a starting point to begin designing new trails with the focus on connectivity.

How does the project engage youth?

Youth Engagement*:

Our project will engage youth by providing opportunities to gain project implementation experience in GIS database and recreation management. Great Basin Institute will focus recruitment initiatives on engaging young adults aged 18 to 30 seeking opportunities to build and gain valuable skills for future careers in GIS and recreation management.

How will the project contribute (or otherwise complement) the development, maintenance, and/or management of new outdoor recreation facilities?

New Outdoor Recreation Facilities*:

This project will contribute to the development, maintenance, and/or management of new OHV recreation facilities by providing public land managers and local enthusiast groups access to data from the trails database. Information on existing trails and trail systems will be valuable when selecting locations to develop new trails and trail systems.

How does the project contribute to the economic vitality of its community?

Economic Vitality*:

This project will continue developing maps and informational materials for Nevada's authorized OHV trails and provide local communities resources to continue promoting local recreational trails. In doing so, communities can begin to attract more visitors to their area, thus contributing to the economic vitality of the community. The goal is to make Nevada the premier OHV recreation state attracting visitors and increasing economic vitality statewide.

How will the project contribute to the conservation and/or rehabilitation of water and habitat?

Water and Habitat*:

Publishing maps that detail locations of authorized recreational trails so that users are adequately informed of where they are in relation to the trail and how to stay on authorized trails is important for keeping users from creating renegade trails. Riparian areas are especially vulnerable to renegade trails, where plants and water resources are impacted by trampling. The most significant effects include loss of vegetation cover, compaction of soils, and soil sediments eroding into water bodies. By concentrating recreation on authorized trails that avoid critical habitat and sensitive riparian areas our project will contribute to the conservation of these valuable resources.

Applicant History

Summarize your organization's grant management record. If your organization is new to grants, please summarize the organization's project management record.

Grant Management Record*:

Great Basin Institute has managed and closed 38 RTP grants and is actively managing ten current RTP grants. In addition to RTP, GBI has authored and been awarded grant funding from, but not limited to, the Corporation for National and Community Service (AmeriCorps), National Fish and Wildlife Foundation, US Forest Foundation, National Park Foundation, and Mt. Charleston License Plate Grant. Our team has a long history of successfully authoring, implementing, and administering grant funds to support projects focused on meeting needs of Nevada's communities and public lands.

Kevin Dose, GBI Deputy Director and RTP Grant Manager, has over nine years of experience authoring, implementing, and administering grant funds for Great Basin Institute. Mr. Dose authored his first RTP

grant in 2004 in partnership with the Tahoe Rim Trail Association and the USFS Carson Ranger District and since has managed implementation and administration for 34 of GBI's 48 RTP grants. In his role as Deputy Director for GBI, Mr. Dose is integral to the management of all grant-funded projects for the institute.

Describe your organization's capacity to maintain facilities for the next 25 years.

Maintain Program*:

The multi-jurisdictional authorized recreational trails database is sponsored by Nevada's Department of Conservation and Natural Resources (DCNR) through partnerships with Nevada Off-Highway Vehicle Program and Nevada State Parks Recreational Trails Program. The database is housed within State of Nevada DCNR information technology infrastructure and will be the repository for all authorized recreational trails moving forward. The trails data stored in the database will also be used to produce the Nevada TrailFinder website for promoting Nevada's recreational trails opportunities across land manager jurisdictions. As such, the project has Nevada DCNR support to maintain the database for the next 25 years.

Authorization

Authorized Individual*:

Kevin Dose 11/01/2021
First Name Last Name Date

Agency/Organization*:

Great Basin Institute

Title*:

Deputy Director

Supporting Documentation

Supporting Documentation

Named Attachment	Required Description	File Name	Type	Size	Upload Date
General location map (showing project area within the state or county)					
Topographic map with project boundary and map name (7.5 minute series quadrangle, 1:24,000 scale)					
Detail map indicating specific project elements (e.g., structures, trail alignment)	Nevada OHV Mapping Status	20211101_Mapping Status.pdf	pdf	203 KB	11/01/2021 06:52 AM
At least two (2) overviews of the project area from different angles and distances					
Photos of known cultural resources, if present					
Letter or statement certifying that the appropriate official has reviewed this project and approved of the property					
Documentation certifying that the appropriate official has reviewed this project and meets their approval					
USACE 404 and/or other applicable permits					
Erosion and sedimentation control plan for stream crossings or general construction activities					
Copy of any building permits that may be required by the local township or statement permit not needed					
Sewage disposal permit					
Transmittal letter					
Letter of Support	Partner Letters of Support	Nevada Mapping Collaborative Letters of Support - Combined.pdf	pdf	1 MB	11/01/2021 11:54 AM

Additional Documentation

Description	File Name	Type	Size	Upload Date
Example Map Product for Caliente NV	Example Nevada Mapping Collaborative Map Product.pdf	pdf	1 MB	11/01/2021 11:50 AM
Example website Dirt Page Products	Example Nevada Mapping Collaborative Dirt Page Products.pdf	pdf	1 MB	11/01/2021 10:54 AM
BLTS Letter of Support	BLTS Letter of Support to NVOHV 2022 RTP Grant App.pdf	pdf	215 KB	11/09/2021 08:18 AM

Budget

Percentages

Grant Request

Federal Grant Percentage: 94.56%

Match

Federal Match Percentage: 0.0%
 Non-Federal Match Percentage: 5.44%
 TOTAL MATCH PERCENTAGE: 5.44%

Design and Engineering Costs

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

Planning Costs for Match

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

Direct Labor (Salaries or Actual)

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
OHV Program State Coordinator	780.00	Hours	\$27.64	\$21,559.20	\$21,559.00	81.75	\$0.00	0.00	\$4,812.00	18.25	OHV Commission Grant
OHV Program Crew Supervisor	1040.00	Hours	\$24.16	\$25,126.40	\$25,126.00	100.00	\$0.00	0.00	\$0.00	0.00	
OHV Program Crew Technician	1040.00	Hours	\$12.39	\$12,885.60	\$12,886.00	100.00	\$0.00	0.00	\$0.00	0.00	
				\$59,571.20	\$59,571.00		\$0.00		\$4,812.00		

Labor (Volunteer or Donated)

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

Equipment Purchase/Rent/Lease

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
4x4 Heavy Duty Truck Rental	6.00	Months	\$685.00	\$4,110.00	\$4,110.00	100.00	\$0.00	0.00	\$0.00	0.00	
InReach Device Monthly Subscription	6.00	Months	\$19.95	\$119.70	\$120.00	100.00	\$0.00	0.00	\$0.00	0.00	
			\$704.95	\$4,229.70	\$4,230.00		\$0.00		\$0.00		

Contracts

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

Materials

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

Fuel, Vehicle Maintenance & Travel

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
4x4 Project Vehicle Fuel & Maintenance	4000.00	Miles	\$0.56	\$2,240.00	\$2,240.00	100.00	\$0.00	0.00	\$0.00	0.00	
Fuel for UTV	173.00	Gallons	\$3.00	\$519.00	\$519.00	100.00	\$0.00	0.00	\$0.00	0.00	
			\$3.56	\$2,759.00	\$2,759.00		\$0.00		\$0.00		

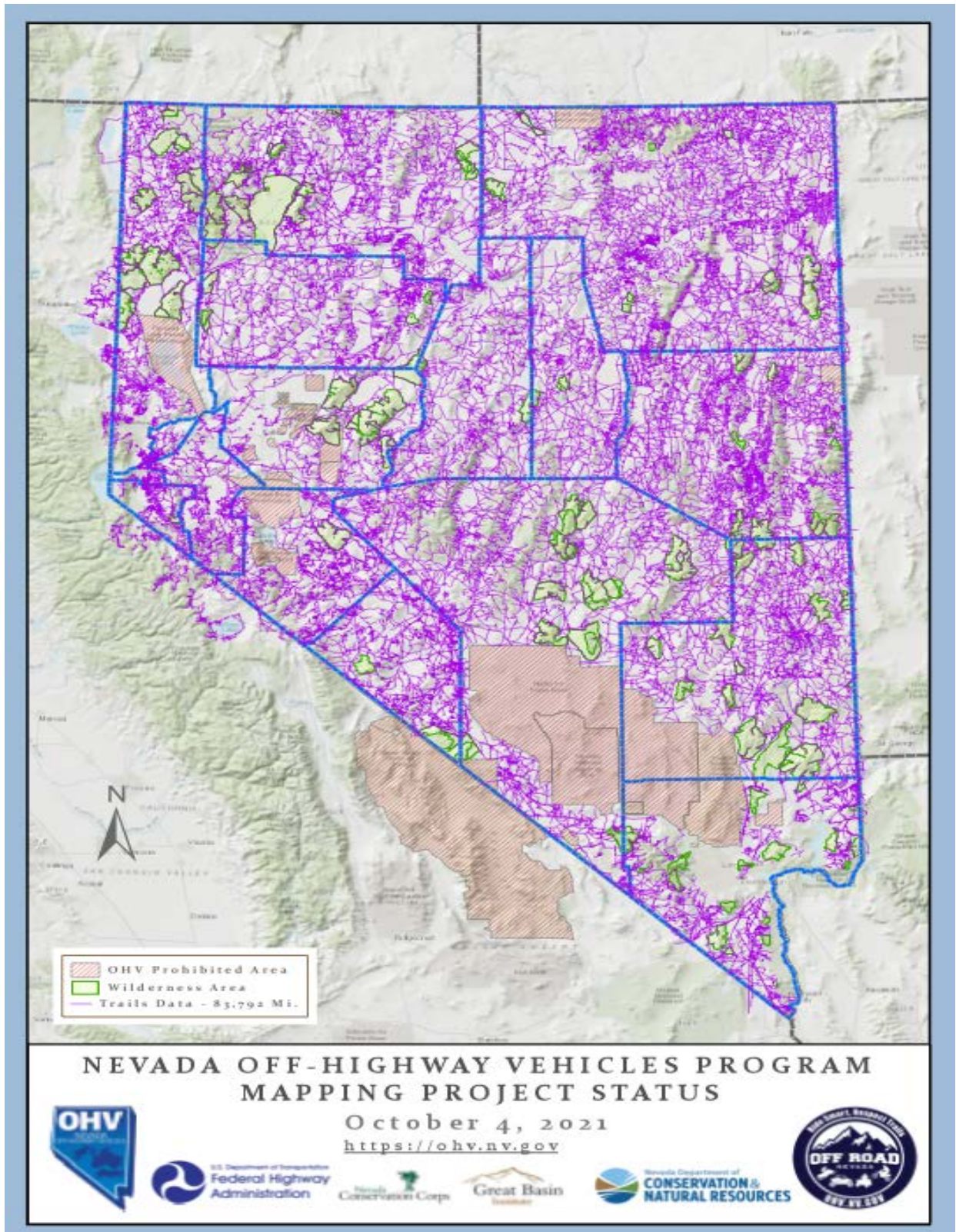
Other Expenses

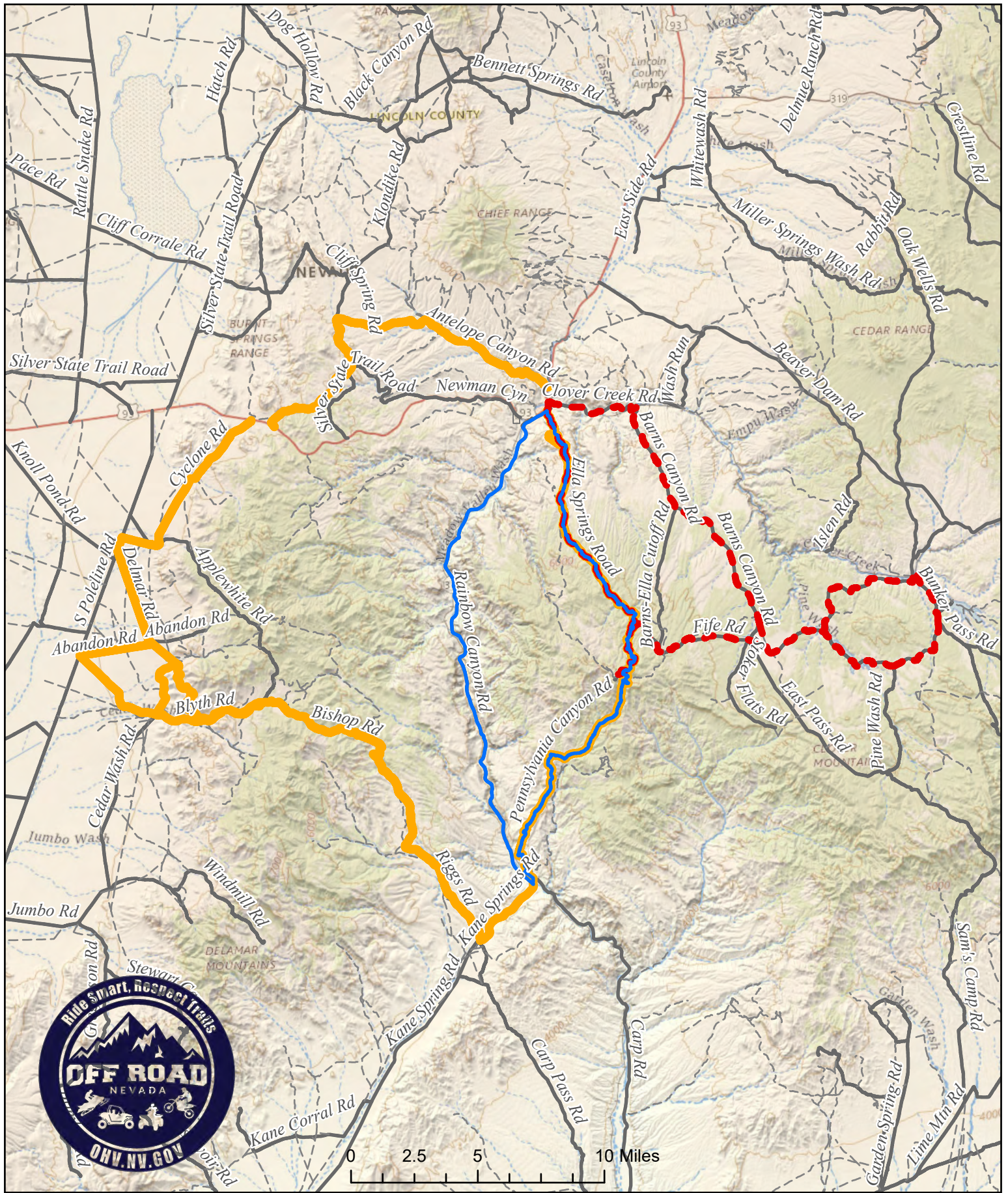
Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
GBI ICAP	67764.33	Direct Project Costs	\$0.20	\$13,552.87	\$13,695.00	100.00	\$0.00	0.00	\$0.00	0.00	
Field Camping Per Diem	64.00	Days	\$15.00	\$960.00	\$960.00	100.00	\$0.00	0.00	\$0.00	0.00	
Lodging	16.00	Nights	\$96.00	\$1,536.00	\$1,536.00	100.00	\$0.00	0.00	\$0.00	0.00	
Meals & Incidental Expenses (GSA Rate for NV)	16.00	Days	\$59.00	\$944.00	\$944.00	100.00	\$0.00	0.00	\$0.00	0.00	
			\$170.20	\$16,992.87	\$17,135.00		\$0.00		\$0.00		

Totals

Total Federal Grant Amount:	\$83,695.00
Total Federal Match Amount:	\$0.00
Total Non-Federal Amount:	\$4,812.00
Total Amount:	\$88,507.00

Extent of Trail Data Through 3rd Quarter 2021: **83,792 miles of trail**





- Ride A - Approx. 51 Mi.
- Ride B - Approx. 53 Mi.
- Ride C - Approx. 88 Mi.



Suggested UTV Routes out of Caliente, NV



Example Nevada Mapping Collaborative Dirt Page Products



The Dirt: Cold Springs Station

[RETURN TO TRAIL MAP](#)

DOWNLOAD

- Cold Springs Station KMZ
- Cold Springs Station GPX
- Cold Springs Station PDF
- Georeferenced Avenza Maps

DISCOVER

Cold Springs Station is a historic Pony Express Station and Resort that sits at the base of the Desatoya Mountains, along US Highway 50, The Loneliest Road in America. It is approximately 45 miles east of Fallon.

This OHV-friendly Resort has a restaurant and bar, motel, convenience store and campground with RV hookups and water available. It is a great staging point for Off-Road Adventures. There are also several unimproved or dispersed campsites, with different degrees of accessibility.

The area is popular with the locals, with a lot of historic ranch ruins. Frequent springs and seasonal streams create narrow, oasis-like belts of lush green growth. Gates and fences are frequent, and the trails are often unmaintained. Climbing out of the lush canyons, visitors can enjoy spectacular views of the surrounding mountain ranges and valleys. Birdwatching is a particularly popular pastime here, and there is even a signed bird-spotting area near Big Den Creek, Southwest of Desatoya Peak.

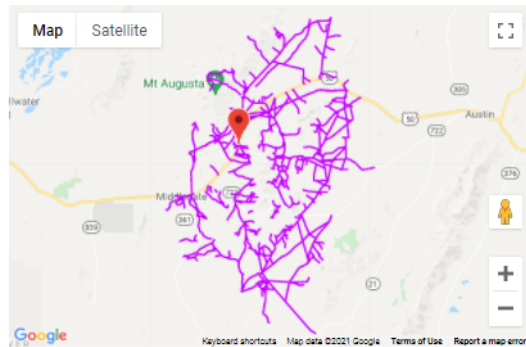
Points of Interest include the Cold Springs Pony Express Station and historic mining sites such as the Wonder Mind and Eagleville. The Desatoya Mountains are fairly rugged, so trails will vary in elevation, surface type and difficulty.

DIRECTIONS

From Fallon, take Highway 50 East for approximately 45 miles.

RULES OF THE ROAD

Land Manager: Bureau of Land Management



RIDER EDUCATION AND SAFETY TRAINING

The Dirt: Silver State Trail System

[RETURN TO TRAIL MAP](#)

DOWNLOAD

- Silver State Trail System KMZ
- Silver State Trail System GPX
- Silver State Trail System PDF
- Georeferenced Avenza Maps

DISCOVER

The Silver State Trail is a Nationally recognized OHV adventure route that has multiple trailheads around the small town of Caliente, Alamo, Pioche and Panaca Nevada. The trail loops its way around 260 miles of Nevada backcountry. The route extends north/south through Lincoln County. There are many linkages that can be made between towns, four State Parks, Mesquite and the state border. The trail is well signed with markers designating mileage and access locations. Staging areas and access roads can be found along the Great Basin Highway, while fuel, supplies, hotels are located in the towns. Camping at the state parks.

The majority of the Silver State trail is accessible using a full size 4wd, however optional portions are designated ATV <50" only. The trail covers a variety of environments and traverses mountaintops and panoramic basins, where mule deer, elk and antelope roam and golden eagles soar.

DIRECTIONS

From Caliente, the Silver state trail is quickly accessed via Antelope Canyon on the North side of town. Silver State trail access is also possible along Hwy 93, and out of Cathedral Gorge State Park near Panaca, Nevada.

RULES OF THE ROAD

Land Manager: BLM

[More Trail Info...](#)

All OHVs must be registered. Please stay on the designated routes. Do not travel cross country. RIDE SAFE AND SMART





The Dirt: Mina Area Adventure Routes

[RETURN TO TRAIL MAP](#)

DOWNLOAD

- [Mina Area Adventure Routes KMZ](#)
- [Mina Area Adventure Routes PDF](#)
- [Georeferenced Avenza Maps](#)

DISCOVER

This riding area encompasses the entirety of Mina, Luning, and the historic ghost town of Candelaria. The valley has some extremely flat, easy roads for speed enthusiasts, while the hills have more technical trails. While the entire area has historic sites sprinkled throughout, there is a very impressive concentration of historic sites around Candelaria. The area has a mixture of active and inactive mining and ranching areas; please respect all signage and property boundaries.

Trails in surrounding area are primarily dirt and often cross fence lines. There are several ranch, mining and utility roads that provide good access to remote areas. BLM directional signage and street signs can be found infrequently along designated routes. Secondary roads navigate cattle grazing land and historic sites. Multiple staging areas can be found along or just off of US-95.

There are multiple staging areas both immediately off of US-95 and also further removed from the highway along county roads. Be aware of fences dividing private property from public land. Please be respectful of speed limits on local and county roads. Services such as food, gas, and accommodations are available in Hawthorne and Tonopah, accessible by travelling North (Hawthorne) or South (Tonopah) along US-95.



Heather Giger
Recreational Trails Program Manager
Nevada Division of State Parks
901 S. Stewart St. Suite 5005
Carson City, Nevada 89701

To Whom It May Concern:

Great Basin Institute (GBI) is requesting **\$82,842.00** to continue to manage the state's motorized trails database, websites, and recreational map production through our Nevada Mapping Collaborative grant proposal. Great Basin Institute will match the grant with **\$4,812.00** to complete the project as described in the grant application package. The project will be completed by Great Basin's three person Nevada Mapping Collaborative team.

The project will not facilitate or promote motorized activities on trails that have been predominantly used by non-motorized trail users and on which, as of May 1, 1991, motorized use is either prohibited or has not occurred (Section 1302 (e)(2)(c) of the National Recreational Trails Act). GBI is committed to maintaining data generated by this project and will collaborate with the State of Nevada for future use.

We look forward to your favorable consideration of this project. If there are any additional questions relating to this project, please do not hesitate to call me at (775) 674-5497, FAX (775) 674-5499, or email at kdose@gbinstitute.org. Thank you again for considering this proposal.

Sincerely,



Kevin Dose
Deputy Director, Great Basin Institute



Nevada Department of
**CONSERVATION &
NATURAL RESOURCES**

Bradley Crowell, *Director*
James R. Lawrence, *Deputy Director*
Dominique Etchegoyhen, *Deputy Director*

STEVE SISOLAK
Governor

State of Nevada
Off-Highway Vehicles Program
901 South Stewart Street, Suite 1003
Carson City, Nevada 89701
Telephone (775) 684-2794
ohv.nv.gov



Nevada Commission on Off-Highway Vehicles
Philip Fell, **Chair**
Kevin Malone, **Vice Chair**

October 27, 2021

Recreation Trails Program Committee

Attn: Heather Giger, Park and Recreation Program manager

Department of Conservation and Natural Resources

901 S Stewart St. #5005

Carson City, NV 89701

RE: Great Basin Institute Nevada Mapping Collaborative

Recreation Trails Program Committee:

I am writing to support continued funding for the Nevada Mapping Collaborative through a Grant from the Recreation Trails Program. The collaborator, Holly Smith, has maintained the trails portion of the OHV website since 2019 by posting trail maps and descriptions of popular riding areas in Nevada, and providing the public with georeferenced maps and GPS files that can be used on any modern mobile device. Great Basin Institute has received funding from the OHV Program for this project and remains in good standing.

To date, The Collaborative has produced 87 riding areas that are published on the OHV website and has been tasked with creating an all-trails website to display trails for all recreationists. Over the past year, Holly's leadership in the All-Trails website, participation in stake holder meetings, and support for mapping needs across multiple OHV grant projects has been pivotal in improving Outdoor Recreation for all user groups in Nevada.

The Mapping Collaborative continues to serve as a resource for tourism groups, public land managers, and recreationists, while maintaining a dedication to Conservation of our Natural Resources. I support continued funding of the Nevada Mapping Collaborative through a grant from the Recreation Trails Program.

Regards,

Nikhil Narkhede

10/27/2021

Nikhil Narkhede, Program Manager

NNarkhede@ohv.nv.gov

775.684.2794



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Nevada State Office
1340 Financial Boulevard
Reno, Nevada 89502-7147
<https://www.blm.gov/nevada>

In Reply Refer To:
8353/933(P)

State of Nevada Recreational Trails Program

10/26/21

901 South Stewart Street, Suite 1003

Carson City, NV 89701

ATTN: Heather Giger

To Whom it May Concern:

Please accept this letter of support for the Great Basin Institute's (GBI) project proposal to provide continued support and coordination for the Nevada Statewide Mapping Collaborative through a Nevada Recreational Trails Program Grant. GBI has been a vital partner working with the Bureau of Land Management (BLM), other federal land management agencies, and state and local partners to conduct digital and on the ground survey and inventory to develop maps of important OHV routes and trails available to the public. This project focuses on routes that are important to the OHV recreationists you represent. The project also focuses on education and stewardship of those routes and the public lands that they pass through.

2021 saw improved coordination between the BLM and GBI in regards to data sharing and methodology. The future of this project and its usefulness to all parties involved hinges on the quality of the data collected by GBI and this improved coordination has ensured the quality of the data is as high as possible. This year we have shared data standards and made strides in collecting data that is useful for BLM in its future planning efforts. As this project evolves and grows in coming years, BLM is committed to doing all in our power to assist the Nevada Mapping Collaborative in its goal of providing accurate and useful OHV trails data to the public while at the same time creating an efficient way to collect inventory data for future planning needs. The Nevada Mapping Collaborative leads to better informed recreationists which in turn helps to support our land management priorities. Thank you for your continued interest in this project.

Sincerely,

Miles Gurtler

Trails, Travel Management and

Special Recreation Permit Program Lead

Bureau of Land Management

Nevada State Office



File Code: 1580
Date: October 26, 2021

Heather Giger
Parks and Recreation Program Manager
Nevada Division of State Parks
Recreation Trails Program Committee
901 South Stewart Street, Suite 5005
Carson City, NV 89701

Dear Heather,

Please accept this letter as support for the Great Basin Institute's (GBI) project proposal to provide support and coordination for Nevada's Recreation Trails (RTP) Program. The Great Basin Institute has partnered with the U.S. Forest Service, Humboldt-Toiyabe National Forest, to provide valuable on the ground project implementation assistance for multiple RTP and off-highway vehicle focused projects.

The GBI's proposal will focus on public education and the enhancement of motorized recreation across the state through collaboration with land managers, local governments, as well as nonprofits and local user groups. If selected, GBI will continue to bridge communication and implementation across all interested stakeholders.

The U.S. Forest Service is in full support of GBI's proposal to continue updating Nevada's trail database and publish trail maps that support enhancing Nevada's recreation community and look forward to collaborating in the future.

Sincerely,

WILLIAM A. DUNKELBERGER
Forest Supervisor





DAYTON AREA
CHAMBER OF COMMERCE
& VISITORS CENTER
MAKING A DIFFERENCE SINCE 1983

555 US Highway 50 East • P.O. Box 2408 Dayton, NV 89403 • 775-246-7909

★★★★★

October 26, 2021

President

John Cassinelli

Parks and Recreation Program Manager

Attn: Heather Giger

Nevada Division of State Parks

901 South Stewart Street, Suite 5005

Carson City, Nevada 89701

Vice President

Enrique Tadeo

**Vice President of
Events**

Brittnee Somers

Dear Ms. Giger:

I am writing in support of the Great Basin Institute's "Nevada Mapping Collaborative" 2022 Recreational Trails Program grant application.

Treasurer

Mike Kunz

One of the program's primary objectives is to provide custom mapping services and assistance to communities and recreational trails advocates. In 2021, the Dayton Area Chamber of Commerce & Visitors Center received a Travel Nevada grant in the amount of \$10,000 to produce an outdoor recreation and historical tourism brochure, to include a map of OHV trails in the Pine Nut Mountains and surrounding areas.

Secretary

Tiffany Mazza

Directors

Christie Fernquest

Nathan Fogelsong

Jim Kepler

Eddie Hult

Jim Peckham

John Stevens

We were made aware of the Nevada Commission of Off-Highway Vehicles program and the Mapping Collaborative through Mathew Giltner of the Pine Nut Mountain Trails Association. The services provided by Holly Smith, State Recreation Mapping Coordinator, have been invaluable to us and are greatly appreciated. Smith created an OHV map of the trails surrounding Dayton, in particular the Pine Nut Mountain trails. With a renewed emphasis on the outdoors due to the pandemic and the fact that the longest off-road race in the United States ends in Dayton, we can literally say "it's on the map!"

Executive Director

Helaine Jesse Morres

I would be happy to answer any questions or provide further information if needed. Thank you for the opportunity to provide support for this great program.

★★★★★

Sincerely,

Helaine J. Morres
Executive Director

Bighorn Outback Explorers
PO Box 519
3000 W. Ward St.
Beatty, NV 89003



October 28, 2021

Parks and Recreation Program Manager
Attn: Heather Giger
Nevada Division of State Park
901 South Stewart Street, Suite 5005
Carson City, Nevada 89701

RE: Nevada Mapping Collaborative

The Bighorn Outback Explorers strongly support the work of the Great Basin Institute's Nevada Mapping Collaborative, and would ask that the Nevada Division of State Parks continue funding their efforts.

The Mapping Collaborative team has created an inventory of the Off-Highway Vehicle trails across the entire state, and has been posting that data onto the ohv.nv.gov website. This inventory work is important and critical for the promotion of off-roading in the state, along with the economic development it provides to the rural Nevada communities.

They also provide mapping services for the local rural communities across the state. For our community, they have completed an online, interactive map application for Beatty's Historic Bullfrog Mining District, using data and information from local OHV riders.

Sincerely,

A handwritten signature in black ink that reads "Karl Olson". The signature is written in a cursive, flowing style.

Karl Olson
BOE Trailmaster



October 21, 2021

Parks and Recreation Program Manager
Attn: Heather Giger
Nevada Division of State Park
901 South Stewart Street, Suite 5005
Carson City, Nevada 89701

RE: Nevada Mapping Collaborative

The Nevada Offroad Association (NVORA) strongly supports the work of the Nevada Mapping Collaborative (NMC) and would ask that Nevada OHV Grant Commission to continue funding their efforts.

The team at NMC has undertaken the herculean task of creating an inventory of the thousands of miles of trails throughout Nevada. An inventory that is specifically important at this exact moment in time. It is through their work the outdoor recreation community is protected from restrictive access to Public Lands. Primarily due to the increase in sustainable energy projects on our federally managed Public Lands. These facilities are necessary, yet all recreational disciplines are losing access. It is through the efforts of NMC that allow us to provide the documentary evidence of trails existing prior to any construction on those facilities, and to have the discussion on trail accommodation with those developers.

The Nevada Mapping Collaborative is integral to the growth of Outdoor Recreation in Nevada and needs to continue with support of this commission.

Regards,

Mathew Giltner
Executive Director
Nevada Offroad Association

Nevada Offroad Association
Po Box 1111 • Carson City NV 89701
Nevadaoffroad.us • Info@nevadaoffroad.us • 775.430.0000

RENO AREA DIRT RIDERS



350 Harbour Cove Drive #143 – Sparks, Nevada 89434
RADmins@renoareadirriders.com

October 31, 2021

Nevada Division of State Parks
Attn: Heather Giger
901 S. Stewart Street, Suite 5005
Carson City, Nevada 89701

Re: Great Basin Institute – 2022 Grant Application

Dear Heather:

Reno Area Dirtriders represents the off-road motorcycle user community in Northern Nevada. We are pleased to support the application of Great Basin Institute for grant funding to support their continued effort to collect GIS data of all motorized trails across Nevada and develop GPS maps and information for the public.

Dirt bike riders are constantly looking for reliable maps and GPS data to plan their rides, especially in areas they've never traveled to before. Maps empower OHV enthusiasts to explore and recreate with confidence and minimize the risk of riding in unauthorized areas or becoming lost. Reno Area Dirtriders will be working with the GBI team for the development of maps for the Peavine OHV trail system for kiosks to be installed.

The Northern Nevada OHV community needs the GBI Nevada Mapping Collaborative team, and Reno Area Dirtriders is a proud supporter of their mission.

If you have any questions, please feel free to contact me at (518) 951-9096.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Lacey Barnett', with a long horizontal stroke extending to the right.

Lacey Barnett
Director



Heather Giger
Parks & Recreation Program Manager
Nevada Division of State Parks
901 S. Stewart Street, Suite 5005
Carson City, NV 89701

Dear Heather,

November 5, 2021

The Biggest Little Trail Stewardship (BLTS) is happy to offer this Letter of Support for the continued funding of the GBI Mapping Collaborative's Program via the 2022 Nevada RTP Grant process. BLTS's mission is to build, maintain and advocate for sustainable trails throughout the greater Reno area. Since becoming established in 2007 we have been fulfilling this mission by working closely with the USFS, Washoe County, City of Reno and the entire trail community.

The GBI Mapping Collaborative's Program has greatly assisted the BLTS by producing professional highly accurate maps for and number of BLTS projects including the USFS Peavine Trailhead Improvement RTP Grant, the City of Reno Sierra Vista Parks Trails, and we are working together on producing a Peavine Mountain OHV Roads and Trails for the Peavine OHV Trailheads. These maps will be posted at trailheads, park signage and on social media and widely used. BLTS had no way of producing these quality maps and the GBI Mapping Collaborative's Program has been a blessing.

Additionally, the NVTrailFinder.com website will be a fantastic trail data base offer wonderful trail related information for all types of trial user across the State of Nevada. It will be a resource for all Nevadans and tourist recreating in the State. It will be a great promotional tool for the State.

BLTS enthusiastically supports the GBI Mapping Collaborative's Program receiving continued funding and we look forward being able use them to complete needed trail mapping projects in the future.

Sincerely,

Curtis Johnson
President