

PROJECT COMPLETION PLAN

Background

In 2018, The Great Basin Institute (GBI) began a trail mapping project through grants from the Recreational Trails Program and the Nevada Off-Highway Vehicles Program. The primary goals for the Mapping Collaborative Project were as follows:

1. To gather GPS trail data using a field crew and UTV for motorized trails across the State of Nevada
2. To create a geospatial database of motorized trails and trail points across all land manager boundaries.
3. To use this database to create a series of OHV trail maps and post these to the OHV.NV.GOV website for public download.

As part of the final 2022 grant application, the OHV Commission has requested a Plan of Completion be submitted which will define the primary measurements for project completion, along with the GBI Team's plan for meeting these measurements. **The measurements below are based on the 6-month funding period for the OHV Commission grant.**

Completion Metrics and Action Plan

1. **Goal: 100% of the areas that are open to Off-Highway Vehicles within the State of Nevada are posted and available for public download.**

Plan of Action: The Team will continue ongoing work in ArcGIS to complete all areas of the state that are open to OHV use. Any new areas not previously identified will be added to the database. This will include both Single Track (dirt bike) and Over-Snow Vehicle trail attributes.

2. **Goal: Complete two Dirt pages per month for the 6 months of OHV Program Grant funding, for a total of 12 new pages.**

Plan of Action: The Team will post a minimum of two new "Dirt" pages to the OHV Website for each of the 6 months funded by the OHV Commission Grant. These pages and maps will ensure that data will be available for public download covering the entire State of Nevada.

3. **Goal: Identify and create data & maps specifically for Single-Tracks (dirt bike) and Over-Snow Vehicle use.**

Plan of Action for Single Track trails:

The Team is working with the Bureau of Land Management's ePlanning permit database to identify existing permitted race and event routes from the last decade. There are approximately 30 permits that appear to be specifically for dirt bike events. These maps and/or data have been downloaded and the team is in the process of georeferencing and adding these single-tracks to the geodatabase. New maps will be created and Dirt pages will be posted for primary race routes in each region of the state.

For BLM Districts that have not begun or completed their updated Travel Management Plans, the Team is negotiating approval from BLM on new disclaimer language to be placed onto all maps which will allow the State to post any additional "unauthorized" single-track routes. The Team values the mission of the BLM and US Forest Service, and is endeavoring to include these single-track routes, while preserving the review and approval of the land managers.

The US Forest Service, Humboldt-Toiyabe National Forest, has provided current GIS data for their Motor Vehicle Use Map routes. The Team will ensure that the geodatabase includes the latest updates for these data along with identifying any additional approved single-track routes within USFS lands.

The Team will also review existing user-submitted data and include any additional single-track routes to the database not previously identified. These are routes that are within BLM areas currently designated as "open", per land manager approval.

Plan of Action for OSV Areas:

The Team has identified several popular OSV riding areas, both on USFS and BLM lands. Currently, the list includes approximately 10 popular winter recreation areas, across the regions most likely to receive adequate snowfall.

If riding areas are present, the Team will create up to 3 OSV maps for each popular winter region. Additional over-snow riding areas will be added as they are identified by the land managers or user groups, and as time allows. Coordination with the US Forests Service is ongoing.

The Great Basin Institute is also currently working on a grant project for the US Forest Service, to provide the Ely and Elko Districts with Winter OSV Recreation Technicians. These technicians are currently in the field gathering inventory data for snowmobile use in the northeastern portion of the state. These data will be included in the existing geodatabase, and OSV maps and website pages will be created.

4. Goal: OHV website map includes Dirt Pages covering 100% of the riding areas open to public use.

Plan of Action: The Team will continue to add information to existing Dirt Pages, and will ensure that there is a Dirt Page, Map and GPS Data covering 100% of the state that is open to OHV use.

An Inventory of trail systems has been created and will serve as a guide for tracking progress on completion. All remaining priority OHV riding areas will be completed and posted by December 31, 2022.

5. Goal: Post all riding areas to Avenza

Plan of Action: The map for each dirt page will be posted to the DCNR's Avenza Store for free public download. These may be the primary specific riding areas, or a regional, county-wide map series. The measurement is to have 100% of the rideable areas in the state available on the Avenza Store.

6. Goal: Complete Field Work

The Team will identify any remaining areas requiring field surveys. These surveys will be conducted as needed and as weather permits. Travel funding provided by the OHV Commission for these field surveys has been budgeted at a rate of 1 week per month for a total of 6 weeks for 2022.

7. Goal: Provide DCNR with Maintenance Plan and System Documentation

Plan of Action: The Team will complete the project by delivering a Maintenance Plan Document to the Department of Conservation and Natural Resources, Off-Highway Vehicles Program. The purpose of this document is to Transition the tasks of maintenance and upkeep of the database and web system to the Department of Conservation and Natural Resources.

This Maintenance document will describe the following:

- a. Geodatabase Schema and Data Inventory
- b. Data Maintenance and Editing Procedures and Workflows. This will include editing guidelines, list of data sources, and procedures for acceptance and import of User-Submitted GPS data.
- c. Land Manager Update Procedures. This will include basic land manager contact information and update frequency, along with data field mapping, if needed.
- d. Website Content Management System procedures, i.e. how to create and update the Dirt Pages on the ohv.nv.gov website
- e. Mapping Standards for GeoPDF Maps.
- f. Avenza standards and posting Guidelines

8. Goal: Post 10 motorized trail systems to the new NVTrailFinder website

Plan of Action: In cooperation with the Department of Conservation and Natural Resources, and a grant from the Recreational Trails Program, the Team will create and post several motorized trail systems to the NVTrailFinder.com website. Systems will include trails for all motorized activity types, including single track and winter OSV trails. These postings will commence after the tasks above are complete and deliverables are approved.

Ten of the most popular trail systems to be posted have been identified by the combined NV DCNR TrailFinder Working Group. Existing OHV maps previously created for the current ohv.nv.gov website will be used, and new Detail Pages and supporting data will be created and posted.