The Winnemucca District encompasses 12 million acres – 8 million of which are managed by the BLM.

Winnemucca BLM has devoted field staff to route inventories and assessments since 2005 for the purpose of creating a travel management plan for inclusion in the upcoming Resource Management Plan.

Routes include federal and county-maintained routes, and established single and two-tracks. These routes are all unpaved and a majority of these routes lack a comprehensive inventory due to issues of access, poor visibility on imagery, and the transient nature of user-created tracks.

2005 to 08

- Statewide standard route data dictionary established
- Route segments captured with mapping grade GPS and support field assessments with digital photos
- GPS data corrected against base stations
- Digital photos linked to GPS locationsUsed with Geospatial Expert's GPS-Photo Link software
- In 2007, GPS cameras introduced to facilitate data management   .

2009 - Focus on motorcycle-accessed routes

- Delivered data, maps and analysis results with a comprehensive report detailing methods and making recommendations to facilitate both travel management planning and the special recreation permit process for motorcycle races and related events
- Results published in 2009 Facilitating Travel Management report

2010 - Creation of district-wide geodatabase

- Data since 2005 was collected with multiple similar but varied data dictionaries. Attributes across all years was modified to meet one standard.
- Over the years data compilewas stored in multiple shapefiles across many directories. For the first time, all GPS data was compiled into a single district-wide geodatabase.

• Compiled over 2,000 GPS-photos with point locations in above geodatabase and photos in a single location.
• Resulting transportation network of 3,300 miles published in online maps and KML files

2011 - District-wide geodatabase
• Added 2010 GPS route data and GPS-photos

[Creation of nSRMA (Nightingale Special Recreation Management Area) geodatabase](#)
• This 935,000 acres area is heavily used by Special Recreation Permit and is of highest priority for the travel management plan
• GPS data to remove overlaps and duplicates
• GPS routes in the nSRMA were edited GPS data to meet newly added topology rules.
• With distinct routes, classifications, numbers and names were assigned by conventions created for this project
• Resulting transportation network of 1,650 miles within nSRMA published in online maps and KML files

The future￼ - Proposed continuation of ongoing efforts
• Expand data collection to other areas within the district
• Combine data outside of nSRMA into geodatabase with enforced topology rules and assigned route classification, numbering and names
• After BLM staff assigns route designation (open/closed/seasonal) for travel management plan, author instructions for the public to view and send recommendations to BLM. This will assist the communication of spatial data and attached notes during the public comment periods of the Resource Management Plan.