

Miles of Roads Created

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1.0 Introduction

1.1 Description

The Miles of Roads Created TMDL PM tracks the miles of permanent paved and unpaved roads, that are created in the Forested Uplands each year. Roads are considered created when they are added to the permanent road network of the road owner, whether for storage or for regular use. The Miles of Roads Created TMDL PM complements the Miles of Roads Treated TMDL PM by providing a full picture of the change in the total miles of forest roads in the Tahoe Basin on an annual basis.

1.2 Relevance to the Lake Tahoe TMDL

While the removal, treatment and maintenance of forest roads are critical activities for reducing pollutant loading from the Forested Uplands, creating new roads has the opposite impact of increasing pollutant loads. Tracking roads created enables an understanding of the full picture of the change in the total miles of forest roads in the Tahoe Basin. While project implementers very rarely create new roads in the Tahoe Basin, it is important that road networks are fully inventoried, whether road mileage is increased or decreased.

1.3 EIP Reporting Relationship

This Info Sheet supplants the related EIP PM Info Sheet. Providing the information requested through this Info Sheet is sufficient for EIP PM reporting purposes. The following EIP PMs track and report a similar set of data:

- There are currently no EIP PMs that track miles of roads created in the Tahoe Basin

2.0 Reporting Criteria

2.1 Subcategories

Performance measures are broken down into subcategories to allow for data aggregation and greater reporting detail. Subcategory names are shown in bold, followed by the options that can be selected for the subcategory and a brief description.

Road Ownership

USFS LTBMU, CA Tahoe Conservancy, CA State Parks, NV State Lands, Heavenly, Homewood, Diamond Peak, Urban Jurisdictions

This subcategory differentiates between ownership of roads in the Forested Uplands to allow separate tracking of efforts from different road ownership. The above list is not comprehensive.

Road Type

Paved, Unpaved

This subcategory tracks whether the created road segment is paved or unpaved. This subcategory is important because of the difference in pollutant concentrations from these road types and the different type of maintenance required.

2.2 Data Attributes

In addition to the subcategories described above, the following project-level data attributes are needed to support the reporting of TMDL PM accomplishments

- Project Name
- Project Description
- Project Status
- Project Contact/Lead
- Implementing Partners
- Project Location (subwatershed, county, GPS coordinates – if available)

3.0 Key Definitions

Created - A created road is any road that has been built on the landscape where no road existed previously. Roads are considered created when they are added to the permanent road network of the road owner, whether for storage or for regular use.

Temporary Road - Unpaved forest roads created (or reopened) for temporary construction or vegetation management access and planned to be decommissioned at the termination of the project. This does not include temporary landings or skid trails constructed for vegetation management activities. The *Miles of Roads Created* TMDL PM only tracks the creation of permanent roads.

Permanent Road - Paved or unpaved forest roads constructed for long-term use. For USFS, this means roads that are part of the National Forest Road System. Permanent roads do not include roads created for the purposes of serving a construction site. Therefore, permanent roads generally do not include roads, skid trails and landings constructed for vegetation management activities. A stored road is a type of permanent road. Landings associated with a permanent road network are tracked as a disturbed area.

4.0 Reporting Display

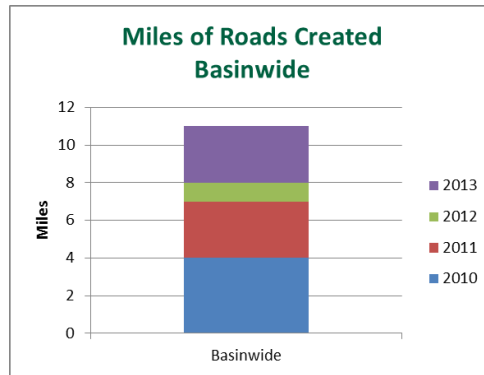
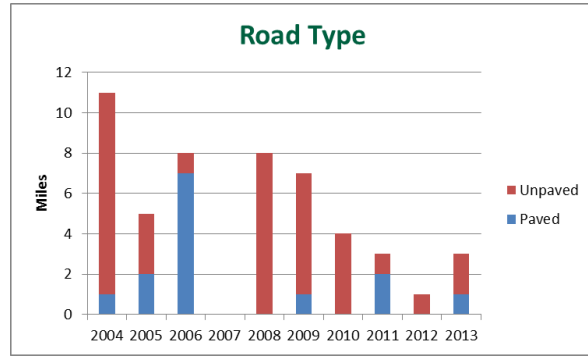
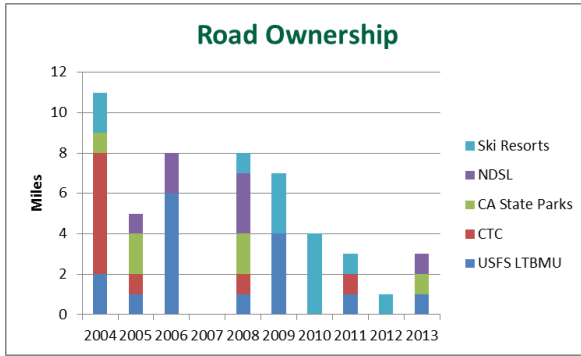
4.1 Targets

Soft targets are used to display TMDL PM results. Soft targets are incorporated into data charts as a performance range on the y-axis. Soft targets can be defined for annual or longer term performance.

There are no defined basin-wide targets for the Miles of Roads Created TMDL PM

4.2 Potential Data Charts

The charts below are potential displays for the Miles of Roads Created TMDL PM. These charts enable a comparison of different road ownership, road types and treatment types, as well as an understanding of the trend in Miles of Roads Created over time. The data in the charts below is hypothetical.



5.0 Notes

This section contains additional information that would be useful to TMDL Program Managers or project implementers

- The TMDL assumes that any roads that are created for a specific project are temporary and will be fully removed and restored per the terms of the project permit. Therefore these temporary roads are not tracked.
- Any trails that are converted for use as a permanent road should be tracked using this TMDL PM.