

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Cultural resource survey and evaluation of historic road features associated with Firehole Canyon Drive and Firehole Lake Drive, Yellowstone National Park
Type of Project: Technical Assistance/cultural resources
Funding Agency: National Park Service
Other Partners/Cooperators: NA
Effective Dates: September 15, 2003 - May 30, 2005
Funding Amount: \$16,000
Investigators and Agency Representative: NPS Key Official: Elaine Hale, Yellowstone Center for Resources, Yellowstone NP, Wyoming, 82190, ph 307-344-2156; Elaine_hale@nps.gov UNIVERSITY CONTACT: David Eckles, Office of the Wyoming State Archaeologist, University Station, P.O. Box 3431, University of Wyoming, Laramie, Wyo. 82071; deckle@state.wy.us ; ph 307-766-5301
Project Abstract: This project will locate, photograph, and provide written documentation of the character defining features located on seven road segments within Yellowstone NP. The roads to be surveyed, in priority order are: 1) Firehole Canyon Drive, a one-way secondary road 2.3 miles long, located .3 miles south of Madison Junction; 2) Firehole Lake Drive, a one-way secondary road 3.2 miles in length, located east of the Madison to Old Faithful segment of the Grand Loop Road between the Lower Geyser Basin and Midway Geyser Basin; The completion of the pedestrian field survey will result in detailed architectural/engineering descriptions of the character defining features of each of the above mentioned segments of road. The project will involve physically inventorying the road segments, identifying, documenting, and photographing architectural, landscape, and engineering features using the field recording forms in the appendix. The information gathered in the field will be used to complete the Historic Building/Structure Survey Form for each feature or batched feature type. The Historic Building/Structure Survey Form will be provided in electronic version to the cooperator. A blank form and a sample of the form completed for features located on other road segments for which the feature survey has been completed, and instructions on how to fill out the form are provided in the appendix. Global Positioning System equipment capable of 2-3 meters accuracy will be used to provide UTM data on each feature using the coordinating UTM Zone 12 datum NAD 1983. The cooperator will also provide the camera and film of sufficient quality to produce photographs of archival quality for each feature. The photographs will be taken on black and white film (TMX100) and printed in 3" x 5" format. Three prints of each shot will be made and at least one shot of each individual feature, such as culvert headwalls will be taken. Several views, including both ends and the middle view, will be taken of the larger features such as retaining walls or log cribbing structures. All photographs will be labeled on the back of the photograph with archival pen or pencil, which can be purchased from most art supply stores. A photograph log will be kept for each roll, identifying the road segment, the feature, the feature type and the exact location of the feature.
Outcomes with completion dates: Completed Historic Building/Structures Survey Forms, photographs, and maps for all historic road features associated with the Firehole Canyon Drive. With funds remaining, begin Historic Building/Structures Survey Forms, photographic, and map documentation of historic road features associated with

the Firehole Lake Drive.

Keywords: Cultural resource survey, Historic road features, Firehole Canyon Drive, Firehole Lake Drive, Yellowstone National Park, Federal Highways, Parkwide Road Reconstruction Program

For Administrative use only:

Date Annual Report Received:

Date Final Report Received:

Publications, etc. on file: