

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Rocky Mountain National Park Intelligent Transportation System/Shuttle Modification for the 2012 Bear Lake Corridor Construction

Discipline: Social
Type of Project: Technical Assistance
Funding Agency: National Park Service
Other Partners/Cooperators: Montana State University
Effective Dates: 1/19/2012 - 6/30/2013
Funding Amount: \$35,000

Investigators and Agency Representative:

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Project Abstract: The Rocky Mountain National Park (ROMO) is continuing to rehabilitate the Bear Lake Corridor. During the summer of 2012, construction on the corridor will likely cause undesirable delays to visitors. Therefore, ROMO would like to modify their existing shuttle system and provide information to travelers via an intelligent transportation system (ITS). The ITS employed during the 2012 season will build upon the information learned from the 2011 pilot ITS deployment.

Through this scope of work, the park intends to implement ITS approaching the park on the east side (e.g., in or approaching the town of Estes Park) in order to provide visitors with key information to make more informed decisions. Information may include information on the new park and ride lot in Estes Park, information on the new visitor's center in Estes Park, and information on park shuttles. This project will include the creation of an operations plan. The operations plan will contain a proposed ITS and modification of the existing ROMO shuttle system in response to the 2012 construction plan for the Bear Lake Corridor. Additionally, the tasks will involve providing technical support as needed during the planning and implementation of the ITS.

Outcomes with Completion Dates: Operations Plan: April 6, 2012; ITS Siting/Deployment: June 15, 2012

Keywords: shuttle system, visitor information, Intelligent Transportation System, Rocky Mountain National Park, Montana State University, Western Transportation Institute