

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Rocky Mountain National Park Intelligent Transportation System Pilot Deployment/Evaluation

Discipline: Social Science
Type of Project: Technical Assistance
Funding Agency: National Park Service
Other Partners/Cooperators: Montana State University
Effective Dates: 1/1/2011 - 12/31/2011
Funding Amount: \$20,413

Investigators and Agency Representative:

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Project Abstract: Rocky Mountain National Park will work with MSU's Western Transportation Institute to implement Intelligent Transportation Systems (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 visitor center in Estes Park, information on park shuttles, information on alternate entrances with less congestion, and information on times of day/week/month/year with less crowding. This project will include the creation of an evaluation plan; however, the evaluation itself will be done by the Paul S. Sarbanes Transit in Parks Technical Assistance Center (TAC) using non-NPS funds and with volunteers from the community of Estes Park. The evaluation plan will try to measure how effective the technology is in influencing visitor behavior.

Outcomes with Completion Dates:

- Kickoff, project initiation: February 21, 2011
- Concept of Operations Development: April 15, 2011
- ITS Specifications: May 1, 2011
- Evaluation Plan: May 1, 2011
- Final Product (ITS Siting/Deployment): July 15, 2011

Keywords: Intelligent Transportation Systems (ITS), Rocky Mountain National Park, Western Transportation Institute, Montana State University