

Project Completion Report Rocky Mountains Cooperative Ecosystem Studies Unit (RM-CESU)

Project Title: Utah Rivers, Trails, & Conservation Assistance Program

Project Code (such as UMT-72 and/or the "J" number): USURM-81, J1263100005

Type of Project (Research, Technical Assistance or Education): Technical Assistance

Funding Agency: National Park Service

Partner University: Utah State University

NPS Agreement Technical Representative (with complete contact information):

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Start Date of Project: 5/3/2010

End Date of Project: 5/3/2012

Funding Amount: \$25,283

Project Summary: Including descriptions of products, work accomplished and/or major results. If the information is restricted (e.g. location of endangered species or cultural resources), indicate the title and location of the final report. Also add web sites where project-related information may be found.

Number of students participating in this project: undergraduates, graduate students, degrees conferred.

2 – Graduate Students

1 – Undergraduate Student

Lessons Learned from this project. See following pages

Brian Head Trail and Interpretive Master Plans

- Applicant: Brian Head City, UT
- Project Scope: Create a Trail and Interpretive Master Plan in the Brian Head region. Partners included Cedar Break NM, Iron County, Brian Head Town, Brian Head Resort, Dixie National Forest, and private lands.
- Project Timeline: October 2009 – September 2010
- Lessons Learned: *Partnership Building:* The Brian Head Project brought together partners from: Federal, State, and local land management agencies, private organizations such as the Boy Scouts of America, and private landowners. The RTCA also worked with students from Southern Utah University (SUU) to provide GIS support for project mapping. These partnerships were critical in developing a regional trail system that supported the needs of a large constituency.
- GPS/GIS Support:* An RTCA student provided GPS data for over 44 miles of trails. This data was converted to GIS maps that are the cornerstone of the Trail and Interpretive Plans. This was the most technical aspect of the plans and provided experience in translating on-the-ground GPS data into useable maps for the public.
- Plan Development:* RTCA students researched existing Master Plans from the US and Canada which guided the structure of the Brian Head Master Plans. This was crucial in providing the partners with a plan that included sections that met the specific needs of the region.
- Interpretive Research:* Student research provided information for the Interpretive Plan. The plan included interpretive themes and sub-themes that reflect the history and culture of the region, and integrated themes found in the Patchwork Parkway National Scenic Byway Plan.
- Meeting Presentations:* Presented trailhead design concepts, and various parts of the plan to the partners.
- Funding: Following RTCA engagement the project was awarded \$250,000 from National Scenic Byways for trailhead and interpretive panels.
- Number of Students: Two graduate students
- Project Deliverables: Three site design plans, the Brian Head Area Master Plan, Brian Head Area Interpretive Plan, unique kiosk designs, and a trail logo.

Sevier County Trailhead Plan

Applicant:	Sevier County, UT
Project Scope:	Create a Multiple-Use Concept Plan for a trailhead on land administered by Sevier County. This trailhead will serve users of the Candy Mountain Express paved bike trail, users of the Sevier River, and OHV users accessing the Piaute ATV trail system. This project included the Mormon Pioneer Heritage Area.
Project Timeline:	October 2010 – May 2011
Lessons Learned:	<p><u>Partnership Building:</u> This project highlighted a successful public/private partnership. A private individual donated land to the County to provide the trailhead. They also provided in-kind matching support for Utah State parks grants.</p> <p><u>Site Plan Development:</u> RTCA students provided concept site plans for the trailhead, including traffic flow, signage, parking, rest room site location, and boat launch. The challenging aspect of this site plan was the interaction between three distinct user groups: bikers/hikers, OHV users, and River users.</p> <p><u>Sign Plan Research:</u> This project also provided the partners with a sign plan. This plan included three levels of signage: Signs to direct users to the trailhead and illustrate the types of use, signs to direct users to the correct area of the trailhead for information on their designated use, and signs that provide destination information to users.</p> <p><u>Meeting Presentations:</u> Students presented trailhead design concepts, and various parts of the plan to the partners. A student presented the project at the 2011 Utah Rural Summit.</p>
Awards:	This project won a 2011 Utah Rural Summit Honor Award. http://suu.edu/ad/regional/rural-summit.html
Funding:	Following RTCA engagement partners obtained \$65,000 from Utah State Parks for project implementation.
Number of Students:	Two – One graduate and one undergraduate student
Project Deliverables:	Candy Mountain Whistle Stop Trailhead Plan

Moab, UT – Lions Park

Applicant:	Moab, UT
Project Scope:	Create a Request for Proposal (RFP) for the Design Contract for a redesign and modernization of Moab Lions Park that receives thousands of visits of year from people traveling from Arches and Canyonlands National Parks. This RFP is for a Design Contract funded by the NPS – Connecting Trails to Parks (CTTP) grant. This project included the NPS Southeast Utah group.
Project Timeline:	October 2010 – May 2011
Lessons Learned:	<p><u>Design Charette Participation:</u> Student helped organize a two day design charette with Utah State University and project partners. This established design themes which lead to the development of the Design Criteria included with the RFP which consultants used to bid on the project funded through a CTTP grant.</p> <p><u>Site Plan Development:</u> Student coordinated with the Utah State University - Department of Landscape Architecture & Environmental Planning to develop a site plan based on charette findings to guide the consultant hired with CTTP funds.</p>
Funding:	The project partners were awarded a NPS CTTP grant for \$100,000.
Number of Students:	One graduate student
Project Deliverables:	Design Criteria used by Moab, Utah to guide the consultant hired with CTTP funds. It was very instrumental to all partners involved.