

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-100, USURM-74 (J1263090017), and

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: USURM-100 - 10/1/11-12/31/2015 (\$7,365); and USU-RM74 – 9/29/01-6/01/2014 (\$8,825)

End Date of Project: See above

Funding Amount: See above

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: undergraduate degree conferred.

1 – Undergraduate Student

Lessons Learned from this project. See following pages

Bear Lake Legacy Pathway Concept Plan and USU Involvement

Applicant:	Bear Lake Regional Commission and Utah State University
Project Scope:	Create a pathway concept plan for a 52-mile pathway around Bear Lake on private and public lands. This plan provides a shared vision of the project partners including municipalities around Bear Lake, Bear Lake Regional Commission, Bear Lake Watch, Bear River Association of Governments, and NPS RTCA. A portion of the project included coordinating with Utah State University's Department of Landscape Architecture and Environmental Planning (LAEP) design charrette which focused on the region.
Project Timeline:	Completed May 2012
Lessons Learned:	<p><u>Concept Plan Development:</u> NPS RTCA student provided the plan template and assisted in integrating project partner input into the plan.</p> <p><u>USU Design Charrette Coordination:</u> The Utah State University (USU) LAEP conducted a design charrette for the Bear Lake area. A component of the charrette included regional trail and trailhead planning and design. The NPS RTCA student spent two days in the design studio with USU students to help them understand the project and plan their project. The NPS RTCA student also coordinated with the U.S. Forest Service and Bear River Association of Governments to ensure the USU students had the data and information they needed.</p>
Success:	The LAEP Department concluded their charrette with a presentation to the public and project partners. The Bear Lake Legacy Pathway Concept Plan has been approved by the project partners and is in the process of being approved by the region's 5 municipalities and two counties, one in Utah and one in Idaho.
Project Deliverables:	2012 Bear Lake Legacy Pathway Concept Plan
Student:	One undergraduate

Tremonton City Trails, Parks & Open Spaces Master Plan

Applicant:	Tremonton City, UT
Project Scope:	Created Tremonton City's first trail, park, and open space master plan. The plan looks at the current level of trail, park, and open space within the community and provides a vision and goals for the future. Project partners included Tremonton City planners and the Bear River Association of Governments.
Project Timeline:	April 2011 – September 2011
Lessons Learned:	<p><u>Planning Draft Development:</u> In coordination with RTCA staff, the RTCA student developed the first draft of the plan which allowed the project partners to evaluate and build upon the planning knowledge of RTCA staff.</p> <p><u>Public Presentation:</u> The RTCA student assisted staff in presenting the plan to the public including presenting trail profile alternatives and answering questions. The student also helped prepare presentation materials.</p> <p><u>Project Partner Communication and Coordination:</u> The RTCA student supported the communication and coordination between RTCA and the project partners to ensure project success.</p> <p><u>Trail Profile Development:</u> The RTCA student developed a series of illustrative trail profiles to demonstrate the different kinds of trails Tremonton City residents should expect.</p> <p><u>Site Plan Development:</u> The RTCA student developed a wetland and nature park site plan for the project. The site plan included parking, an entrance experience, trails, boardwalks, and interpretive/viewing areas.</p>
Success:	The final plan was adopted by Tremonton City Council. The plan generated enough excitement that a life-long resident generously donated land that will become a catalyst for a recreational and educational trail along the Malad River. Tremonton City planners are also coordinating with private landowners to ensure a trail along the Malad River becomes a reality.
Project Deliverables:	2011 Tremonton City Trails, Parks & Open Spaces Master Plan
Student:	One undergraduate

West Jordan City Trail Action Plan

Applicant:	West Jordan City, UT
Project Scope:	<p>Created an Action Plan to close one of the four remaining gaps in the 45-mile Jordan River Parkway Trail (JRPT) which extends through Davis, Salt Lake, and Utah counties. The project required extensive coordination with local, state, and federal agencies. The Department of Interior America's Great Outdoors initiative recognized the completion of the Jordan River Parkway trail as one of 101 projects across the nation that should be prioritized and one of two projects in Utah. Completion of these gaps will result in 76 miles of separated paved pathway by connecting to the JRPT to the Legacy Parkway Trail and the Denver Rio Grande Western Trail.</p>
Project Timeline:	Completed June 2012
Lessons Learned:	<p><u>Partnership Building:</u> This project would not have been possible without the partnership of a large range of project partners including West Jordan City, Sandy City, Rocky Mountain Power, Salt Lake County, U.S. Fish and Wildlife Service, and the Utah Mitigation Commission.</p> <p><u>GIS Mapping and Trail Service Population Analysis:</u> The NPS RTCA student provided extensive GIS mapping and analysis for the project which included showing trail alignment, ownership, transit connection, underpass location, restoration location, and regional significance of the project. The service analysis showed that an estimated 7922 residents of West Jordan will have safe access to the Jordan River Parkway Trail.</p> <p><u>Trail Location Visualization:</u> The NPS RTCA student developed visualizations showing a complex trail connection to a transit station to aid project partners in obtaining funding and support for the connection.</p> <p><u>Action Plan Development:</u> The NPS RTCA student contributed support to completing the Conformance with Other Plans or Reports and Meeting Minutes overview sections of the Action Plan.</p>
Funding:	Throughout RTCA's engagement with project partners, over \$1.5 million has been identified to help complete the project.
Success:	The Action Plan has been completed and is awaiting adoption by the West Jordan City Council which will occur in June 2012.
Project Deliverables:	2012 West Jordan City Trail Action Plan
Student:	One undergraduate

Jordan River Parkway Trail User Map

Applicant:	Jordan River Commission and Salt Lake County
Project Scope:	In coordination with the Jordan River Commission and Salt Lake County Parks and Recreation Department, NPS RTCA developed the first printed map of the Jordan River Parkway Trail intended for trail users. The map highlights access points including trailheads and neighborhood access, spur trails, recreation opportunities, and access to transit.
Project Timeline:	December 2011 – June 2012
Lessons Learned:	<p><u>GIS Data Acquisition and Development:</u> This project required the NPS RTCA student to coordinate with Salt Lake County and the Utah Automated Geographic Reference Center (AGRC) to acquire data. Due to the accuracy and age of the data, extensive editing and updating was required.</p> <p><u>Map Cartography:</u> The NPS RTCA student took the lead in cartography for the map. This required using GIS to create an accessible map with symbols and colors that are aesthetically pleasing and informative.</p> <p><u>Map Layout:</u> The NPS RTCA student supported RTCA staff in developing a map layout, as well as helping to organize the information on the map.</p> <p><u>Online Map Example:</u> The NPS RTCA student developed a sample online map of the trail to show the project partners what capabilities are available on a digital platform. This example will be used to guide future development of the online map.</p>
Success:	The map has been finalized and is being printed. The map will be released this summer at an event including the Mayor of Salt Lake County, NPS RTCA Utah Field Office Manager, and Chair of the Jordan River Commission.
Project Deliverables:	Jordan River Parkway Trail Map
Student:	One undergraduate

Willard City Trail Planning Process

Applicant:	Willard City, UT
Project Scope:	NPS RTCA is in the process of collaborating with Willard City in a trail planning process that involves public input and participation resulting in a trail plan identifying potential trail corridors for the community. This project will involve partners from Utah Department of Transportation, Willard Bay State Park, Box Elder County, Weber Pathways, and the U.S. Forest Service.
Project Timeline:	March 2012 – Present
Lessons Learned:	<u>Website Development:</u> Willard City wants to focus on integrating public comment and ideas into the plan as much as possible. In order to facilitate this, the NPS RTCA student developed a website where residents of Willard City and project partners can access a variety of information about the project. The website provides information on the planning process, houses planning documents, identifies project partners, and tells how the public can get involved in the project. Most importantly, the site allows for public comment on planning documents and also provides a location to conduct and summarize surveys to gauge public attitude.
Project Deliverables:	Willard City Trails website: https://sites.google.com/site/willardcitytrails/
Student:	One undergraduate

Intermountain Region RTCA SharePoint Redesign

Applicant:	National Park Service – Rivers, Trails, and Conservation Assistance Program – Intermountain Region (IMR)
Project Scope:	Redevelop the Intermountain Region RTCA SharePoint site to provide staff with a searchable resource database, a site to collaborate and share ideas, and also to enhance user experience through intuitive navigation.
Project Timeline:	August 2011 – December 2011
Lessons Learned:	<p><u>Database Development:</u> The primary focus of this project was to create a searchable database that NPS RTCA staff could use to share and locate resources. The NPS RTCA student took the lead in developing this platform in SharePoint.</p> <p><u>SharePoint Training:</u> The NPS RTCA student provided IMR RTCA staff with a webinar to show how to use the new platform. Online help materials were also developed and made available.</p> <p><u>SharePoint Research:</u> The NPS RTCA student researched the capabilities of SharePoint and developed an implementation plan based on the needs of staff. Tools and services that were implemented include a discussion board, a Wiki site, and a blog.</p> <p><u>Team Site Development:</u> The NPS RTCA student also created a SharePoint site for the Platform Design Work Group which is focused on creating an online community engagement tool. This site was built to facilitate meetings and to organize the group's input.</p>
Success:	The IMR RTCA SharePoint site was deployed and is available for staff use.
Project Deliverables:	IMR RTCA SharePoint site (not available to non-NPS personnel)
Student:	One undergraduate