

<b>UTC Project Information</b>	
Project Title	Transportation Data Trends and Best Practices for Caltrans, Division of Research, Innovation and System Information (DRISI)
University	San José State University Mineta National Transit Research Consortium
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Funding Source(s) and Amounts Provided (by each agency or organization)	California Department of Transportation Division of Research, Innovation and System Information (\$83,733.57)
Total Project Cost	\$83,733.57
Agency ID or Contract Number	DTRT12-G-UTC21
Start and End Dates	November 5, 2015 – December, 2016
Brief Description of Research Project	<p>Caltrans' Division of Research, Innovation and System Information (DRISI) provides publicly available information about the state's transportation system through its library at <a href="http://www.dot.ca.gov/hq/tsip/data_library.php">http://www.dot.ca.gov/hq/tsip/data_library.php</a>. The data is intended to assist the public, industry, policy makers, and Caltrans departments in making decisions that improve the state's transportation system.</p> <p>To that end, the agency seeks to understand how effectively the current site content, structure, and presentation serve the needs of those who could potentially benefit. While the agency tracks the volume of site traffic and specific pages accessed, virtually no data is available about how visitors discovered the library, their purpose in seeking data, whether they found what they were looking for, and whether it was delivered in a manner that was as understandable and useful as possible.</p> <p>In the absence of that information, the agency seeks to expand its awareness of alternative content, structures, and presentation methods used by other transportation agencies and research organizations. By analyzing any commonalities among them, it hopes to uncover "best practices" it can employ to improve the usefulness of the DRISI site.</p> <p>Specifically, the study seeks to:</p> <ol style="list-style-type: none"> <li>1. Identify the transportation system and usage data needed</li> </ol>

	<p>by Caltrans management, transportation planners, engineers, and the general public, or provide recommendations for obtaining this information;</p> <ol style="list-style-type: none"><li>2. Identify “best practices” through a literature review and analysis of relevant websites, such as state and federal transportation agencies, scientific websites, and universities;</li><li>3. Analyze any gaps between best practices and the current offering at <a href="http://www.dot.ca.gov/hq/tsip/data_library.php">http://www.dot.ca.gov/hq/tsip/data_library.php</a>;</li><li>4. Provide specific recommendations for better aligning the site content and presentation with best practices and users’ needs;</li><li>5. Leverage to the degree possible the data currently available data on the Caltrans site, traffic sites, and the current DRISI site.</li></ol>
Describe Implementation of Research Outcomes (or why not implemented)	
Place Any Photos Here	

<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	
<p>Web Links</p> <ul style="list-style-type: none"><li>• Reports</li><li>• Project Website</li></ul>	