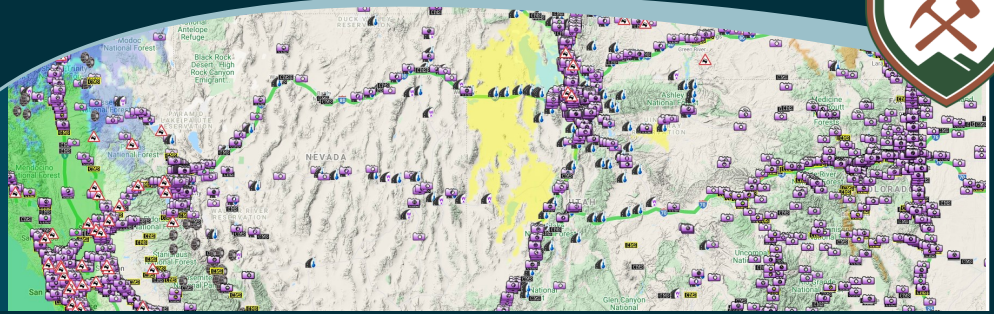




Western States
Rural Transportation
Consortium



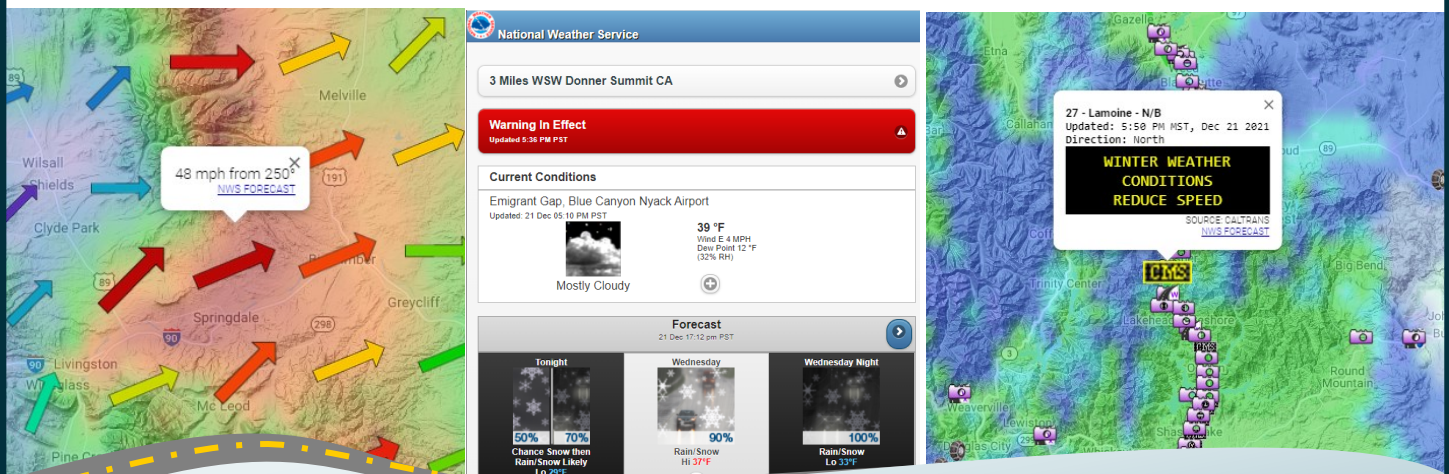
Western States One-Stop-Shop for Rural Traveler Information

<https://oss.weathershare.org/>

The One-Stop-Shop (OSS) web application provides travelers with comprehensive, real-time data for trip planning. The OSS presents CCTV camera images, sign messages, incidents, weather conditions and forecasts, rest areas, points of interest and more in a consistent, easy to access and intuitive interface. It helps travelers to plan in-state trips and trips that cross state borders.

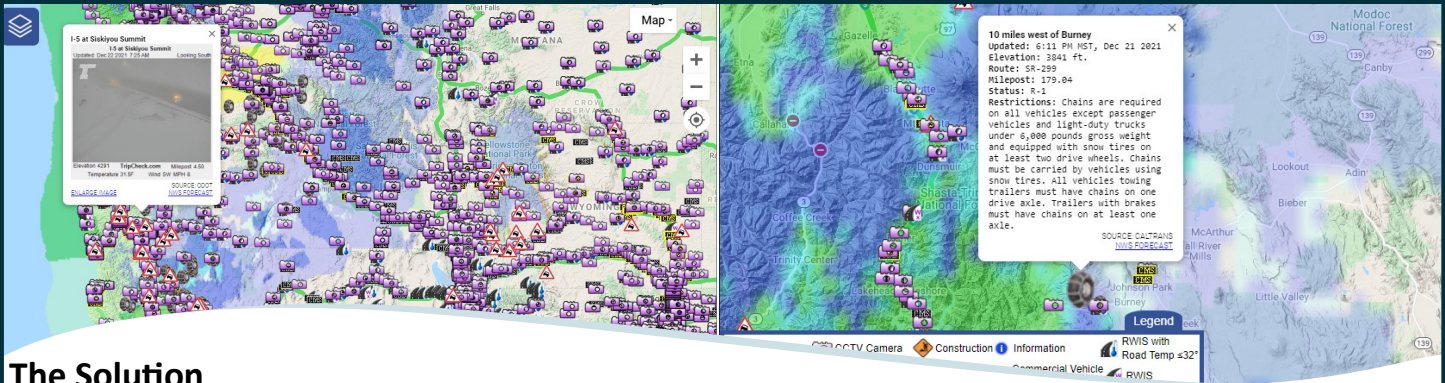
The Problem

Real-time traveler information is a valuable tool in protecting and enhancing traveler safety and mobility, especially in rural areas. It is important for rural travelers to know before a trip about hazards including snow, ice, high winds, fires and more. These hazards may degrade mobility, as can vehicle crashes and work zones. While this information is available through a variety of sources, the types and quality of information are inconsistent. It is scattered over numerous web-based (and sometimes non-web-based) sources, meaning travelers must spend significant amounts of time assembling this data prior to a trip. As a result of the effort involved, many rural travelers do not seek out all the information they need. This can result in increased delays and decreased safety.



WESTERN STATES RURAL TRANSPORTATION CONSORTIUM
Partnership, Technology, Research, Education

Western States One-Stop-Shop for Rural Traveler Information

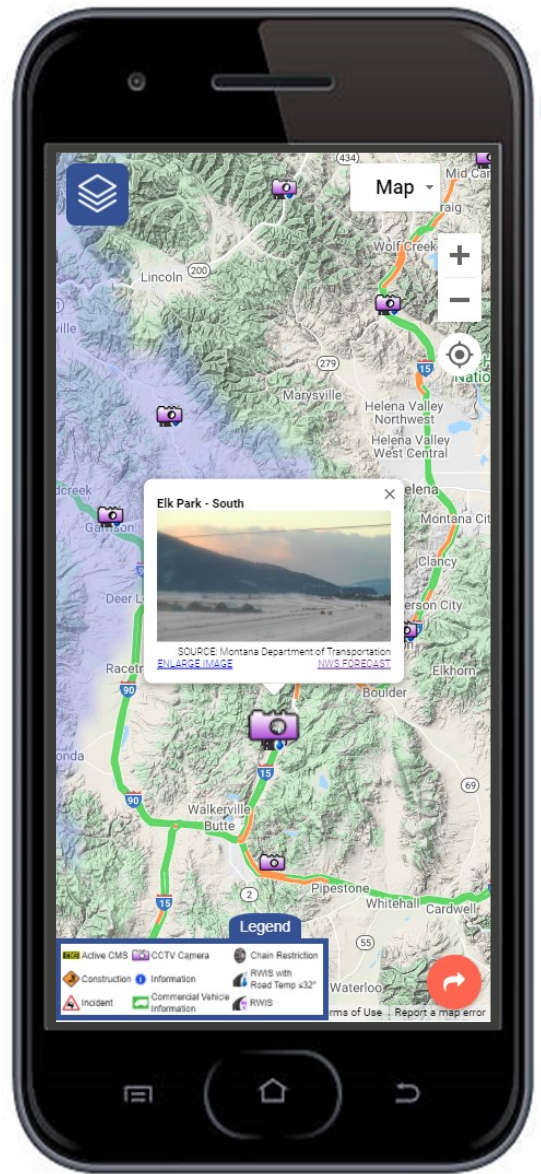


The Solution

The One-Stop-Shop provides traveler information for 11 states including Montana, California, Washington, Oregon, Nevada, Utah, Idaho, Wyoming, Colorado, Arizona and New Mexico. This research project demonstrates the feasibility and attractiveness of a One-Stop-Shop for real-time traveler information for rural areas. The system was designed in a scalable fashion so that it could be expanded to other routes and states. Ultimately, the One-Stop-Shop has become an umbrella traveler information web site and a primary point of reference for longer distance trips, improving safety and mobility for all highway system users across the western United States.



At the 2014 ITS World Congress in Detroit, Michigan, the One-Stop-Shop was announced as the winner of ITS America's Best of ITS Award for Best New Innovative Practice — Research Design and Innovation. ITS America presents these awards to "the most prominent and innovative transportation technology leaders in the Americas" whose projects exemplify innovation and demonstrate specific and measurable outcomes.



Benefits

- OSS provides real-time traveler information which protects and enhances traveler safety and mobility in rural areas.
- OSS enables travelers to "know before they go" so that they may make the best travel decisions.
- OSS reduces the impacts of nonrecurring congestion and unexpected delays by notifying travelers of roadway incidents (e.g., vehicle accidents, weather, work zones, etc.).

To use the One-Stop-Shop, please visit:

<http://oss.weathershare.org/>

For further information please visit www.westernstates.org/Projects/OSS/ or contact



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