RITIS User Group Web Meeting Follow Up
February 2024

RITIS Login Page | Help Improve RITIS | Transportation Data Marketplace | Upcoming Coalition Events

Thanks to those who participated in the RITIS User Group Web Meeting on February 1, 2024. The purpose of these meetings is to help our members understand the tools available in the RITIS platform and to see how other members and/or peer transportation agencies are using their data and the tools to increase efficiency and productivity, improve communication and develop more cost-effective projects.

Please click on the links below for more information about the event or visit the User Group Tab on the RITIS page of the Coalition website (https://tetcoalition.org/projects/ritis-pda-suite/).

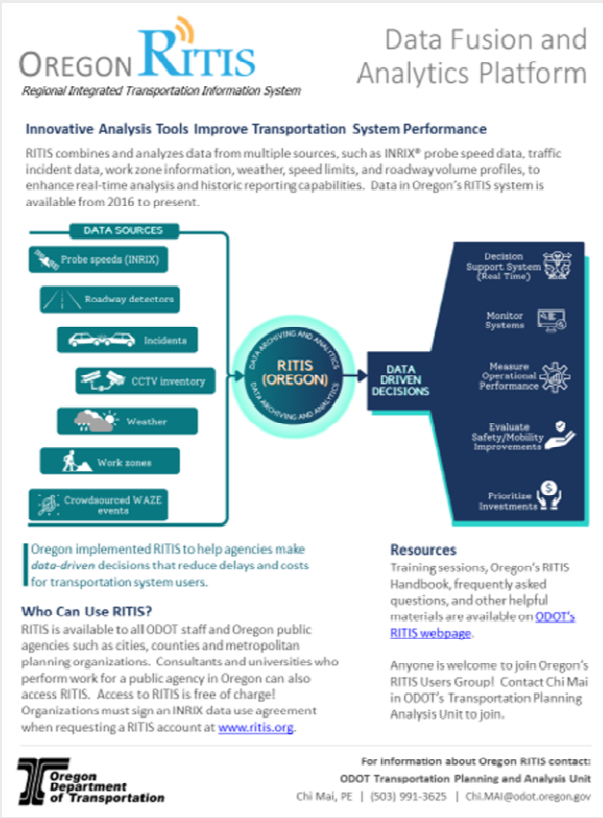
- Presentation with Audio
- Slides Only
- Question & Answer Summary

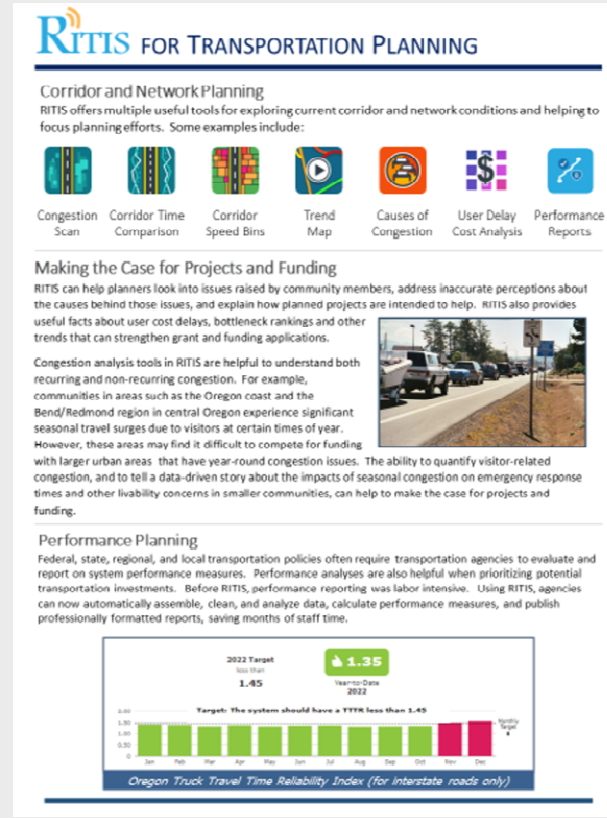
Spotlight Presentation: Development of RITIS Training Materials and Flyers for Agency Users

Chi Mai of Oregon DOT explained that since 2020, they have been using RITIS for performance reporting. They have created a robust program of training and materials to

educate their staff on the use of RITIS including User Group meetings, DOT RITIS website, training, a handbook, and flyers. Chi explained that their flyers are a useful communication tool to quickly explain what RITIS is and how it can be used. The flyers cover four work focus areas: Operations, Planning, Work Zone, and Event Management and each can be modified for different audiences (peers, executive leadership, public, etc.). The transportation team has received many positive comments on the flyer's easy-to-read content and visual appeal. They anticipate developing more flyers for other work focus areas and will continue to integrate RITIS into ODOT's workflow.

In collaboration with Oregon DOT, the CATT Lab has developed a full set of editable flyers in PowerPoint format and will make these available on the RITIS website soon.



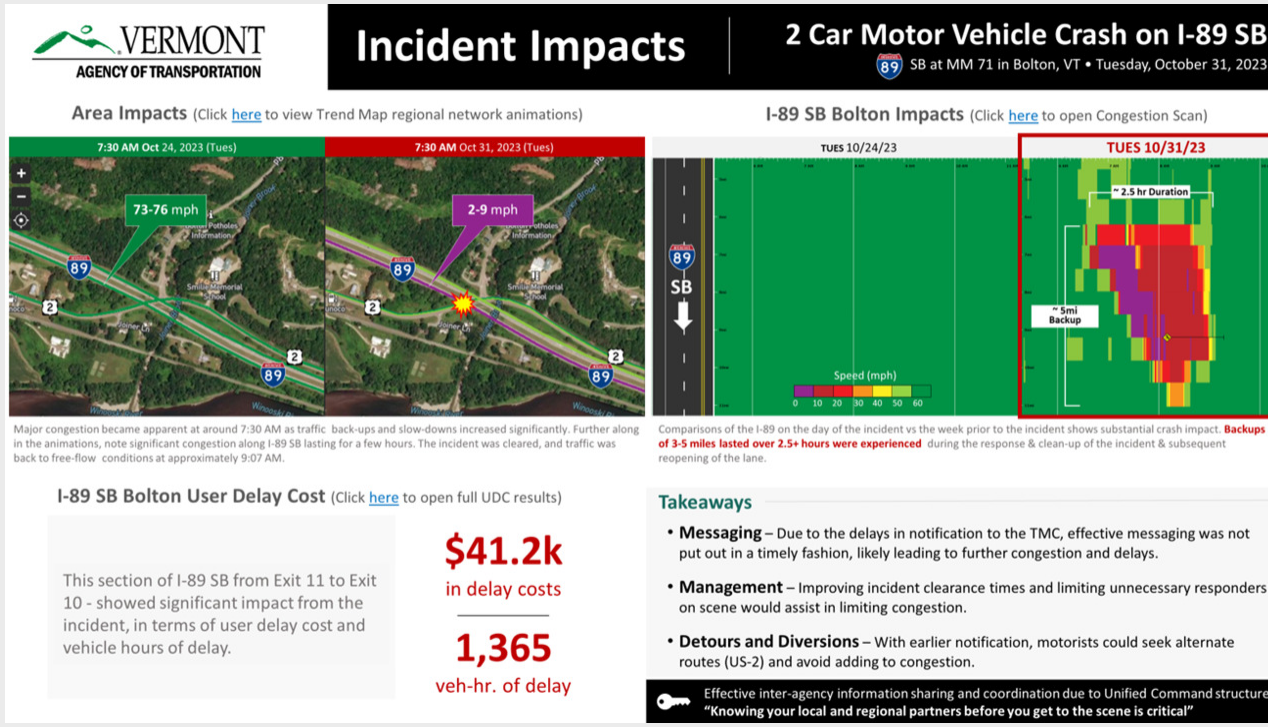


An example of one of ODOT's current Oregon RITIS 2-page flyers – RITIS for Transportation Planning

Spotlight Presentation: Development of a Crash Event Summary Document

Ian Kilburn of Vermont AOT presented how the agency is using the After Action Report template to effectively illustrate the impacts of incidents and response as part of their Community of Excellence effort. He explained the PDA Suite tools used in developing the

report and the steps used to create it. The template provides an easily digestible executive summary of incidents (see the Incidents Impact report of a two-car crash below).



For each impact section, hyperlinks provide access to full RITIS results for more in-depth discussion.

This page highlights both the roadway and area impacts of the incident, the overall cost and delay it caused and from the analyses, suggested actions for improving incident response and management.

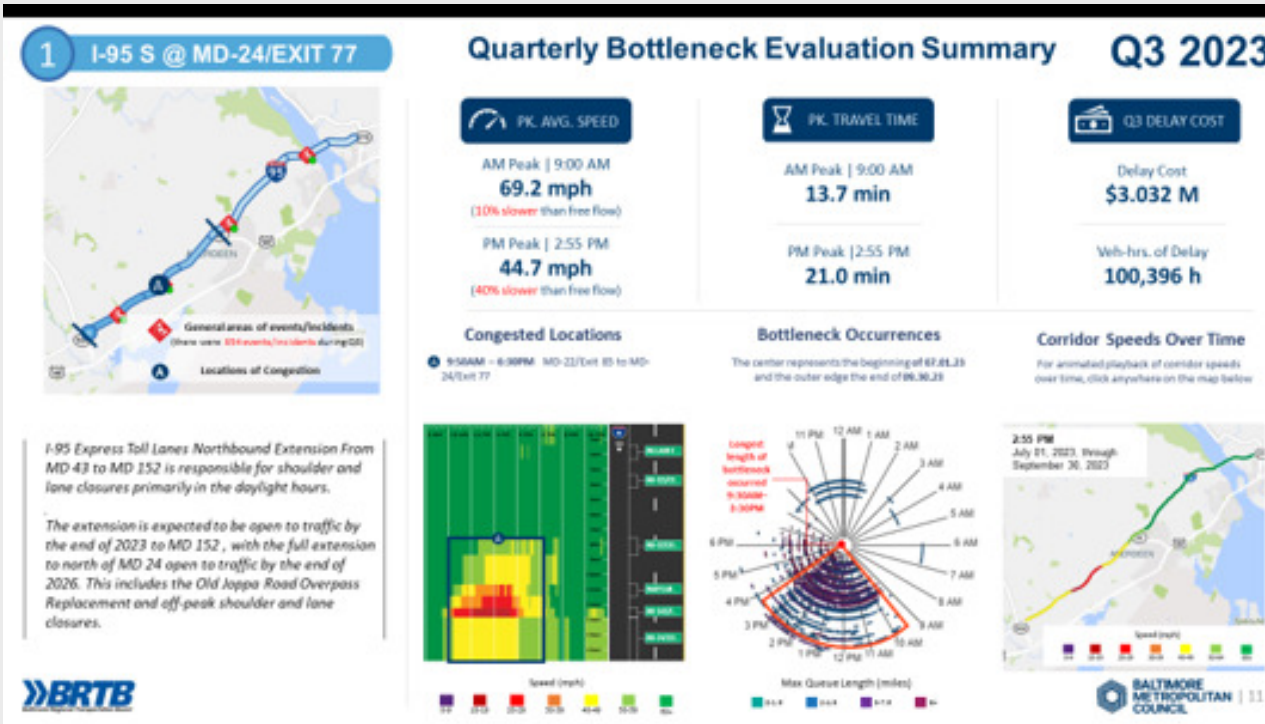
Initial reviews of the report were positive, noting it was concise, included valuable information, and provided a clear, high-level overview. Ian and his team plan to distribute the AAR template to Vermont's MPOs and local agencies for their use. They also plan to use the template for partial interstate closures, major route closures, and closures of extended duration.

Spotlight Presentation: Quarterly Congestion Reporting for the Baltimore Region

Ed Stylc of the Baltimore Metropolitan Council showcased how his agency uses RITIS to create their Quarterly Congestion Reporting for the Baltimore Region. Once a 75-page paper, BMC used PDA Suite tools (see example Bottleneck Summary page below) and RITIS reporting templates to reduce the number of pages to 41. Agency members remarked that the new report has "better visualizations than the previous reports [and are] more compact with more meaning." The RITIS templates "allow plug and play with data for recurring reports" and

agency members are “better able to assist local jurisdictions with questions concerning their projects.”

Ed’s team has further improved their reporting by using RITIS data to create their Congestion Management Process Tool. The tool was developed based on the Quarterly Congestion Analysis Report in an ArcGIS format. This tool allows users to view performance measure layers, bottleneck locations, long-range plans, and local transportation improvement projects.



The Evaluation Summary includes several performance metrics important to BMC’s Congestion Management Committee, and other audiences.

Want to share how your agency uses the RITIS PDA Suite?

We’d like to thank Chi, Ian, and Ed for their presentations!

Does your agency have a RITIS use case to share with others? The Eastern Transportation Coalition would like to highlight how agencies use the RITIS tools. Please contact John Allen (jallen35@umd.edu) or Rick Ayers (rayers@umd.edu) to discuss sharing your use case.

RITIS Product Enhancement Working Group Update & Recent Deployments

Bob Frey of Massachusetts DOT provided an update on the progress of the RITIS Product Enhancement Group and their sponsored deployments in RITIS. Since October 2023, the CATT Lab has successfully deployed the Automated Work Zone Reports

Scoping feature! During the working group on November 30, 2023, the group voted on the next round of possible enhancements, including XD API Enhancements, Advanced Time Selection in PDA, Detour Analytics for Work Zones or other disruptions, and a business use-case handbook. At the next meeting (scheduled for March 21, 2024), the group will discuss cost estimates and finalize funding availability for these enhancements.

Staff from agencies who are interested in providing funding for enhancements or joining this group should contact Bob Frey (bob.frey@dot.state.ma.us) and Michael Pack (PackML@umd.edu).

What's New in RITIS!

Michael Pack of the University of Maryland CATT Lab provided an update and demonstration of major updates on the RITIS platform and explained the current upgrades in progress. Updates include the shape drawing and editing feature for Trip Analytics, the ability to select/zoom in on addresses of interest, and many user experience improvements.

To find out more about what's new in the RITIS Platform, visit the "What's New" section of each major platform area:

- https://www.ritis.org/release_notes
- https://pda.ritis.org/suite/updates/
- https://trips.ritis.org/new

Agency Feedback

The CATT Lab team is always looking for ways to improve the RITIS platform and the PDA Suite. RITIS users can reach out at any time to the support team at support@ritis.org.

You're Invited: RITIS Workshop: RITIS Probe Data Analytics Tools - Importance of Volume Data - March 19, 2024, 1:00PM-2:15PM (ET)

In this workshop hosted by the Eastern Transportation Coalition, University of Maryland CATT Lab staff will share the work their data science team undertook to implement new, industry-accepted, volume estimation methodologies that are now being used for several RITIS Probe Data Analytics Suite (PDA) tools.

Please click on the link to register for this virtual workshop here.

Please contact Rick Ayers (rayers@umd.edu) for more information! We look forward to your participation!

Transportation Data Marketplace

The Transportation Data Marketplace has six data sets and 11 vendors! Visit the TDM page of the Coalition's website for more information

Follow the Coalition on social media and subscribe to be informed!

Recordings from many of the Coalition's web events are available on TETC's YouTube channel - take a look.

Follow the Coalition on LinkedIn to hear about upcoming events, collaborations, and industry news.

Questions or Comments:

TSMO Program: Sheryl Bradley at sbradley@tetcoalition.org