

RITIS User Group Web Meeting Follow-Up March 2022

Help Improve
RITIS

Update Your
Traffic Volumes

Upcoming
Coalition Events

Thanks to those who participated in the RITIS User Group Web Meeting on February 24, 2022. 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/>).

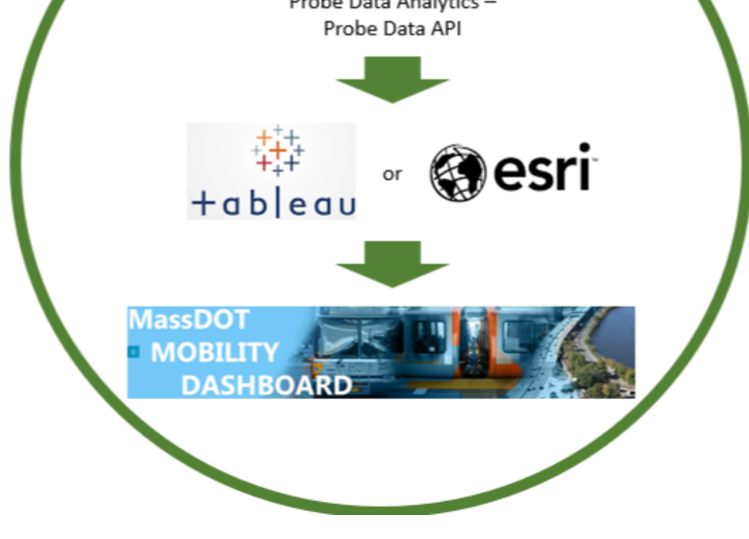
- [Presentation with Audio](#)
- [Slides Only](#)
- [Question & Answer Summary](#)

Spotlight Presentation: Automating RITIS Travel Time Reporting on Specific Corridors

Corey O'Connor of Massachusetts DOT presented their methodology to update and automate information provided in their Weekly Traffic Report. The new process, which included using the RITIS Probe Data API, enabled them to provide this data in an agency-only Mobility Dashboard. The visualized data is also [available to the public](#). Corey presented a [live demonstration of the dashboard](#) and the following tools:

- Travel Time Difference Tool
- Typical Travel Times Tool
- Historical Peak Period

MassDOT plans to add more corridors to the Historical Peak Period and Typical Travel Times tools. They also plan to advertise the dashboard as a planning tool for the public to use to plan their trips and to incentivize staggered commuting times.



The methodology MassDOT uses to automate their mobility dashboard.

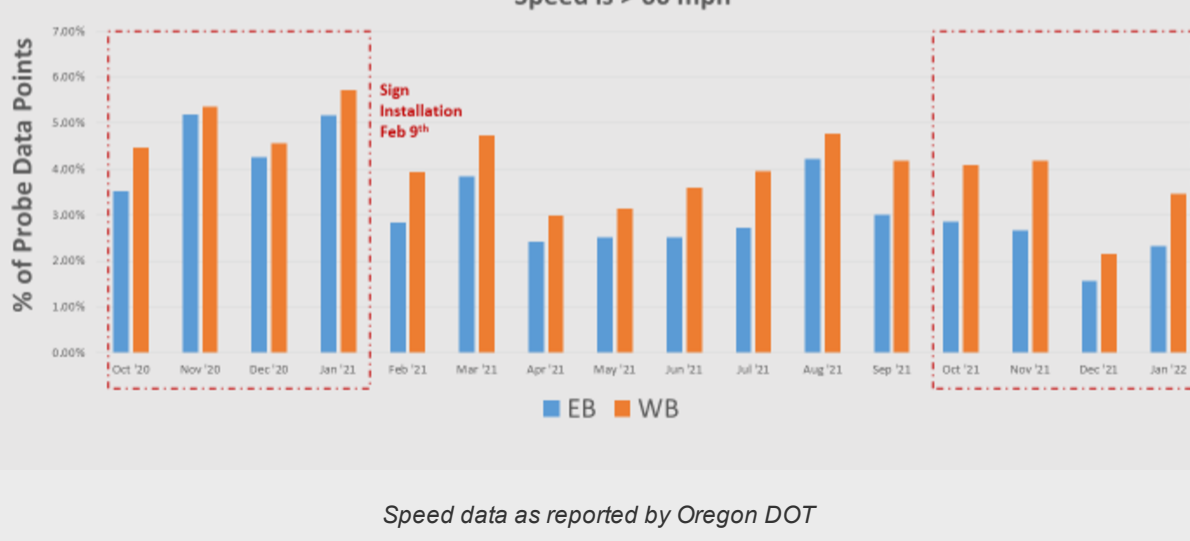
Spotlight Presentation: Strategies for Assessing the Effectiveness of Law Enforcement Measures in Battling Excessive Speeds

Chi Mai of Oregon DOT explained how they are using probe data to monitor the speed on corridors where warning signs have been installed. Specifically, she explained how they monitored speeds on two corridors: London Road and McKay-Yergen-Ehlen Roads (below), where signs warning of high fees for speeding were installed in an effort to curb excessive speeding. The data showed a consistent pattern of speed reduction after the warning signs were installed.

To accomplish the analysis, ODOT gathered data using the Massive Data Downloader Tool, then conducted speed bin analysis using R. The data points were separated into speed bins of greater than **70mph**, greater than **65mph**, and greater than **60mph**. The data was analyzed and normalized in-house.

Chi noted that there is great interest from agencies regarding excessive speed analysis and for this type of calculation to be incorporated into RITIS.

McKay-Yergen-Ehlen Roads



Speed data as reported by Oregon DOT

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

We'd like to thank Corey and Chi 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. If you would like to present, please contact John Allen (allen35@umd.edu) and Rick Ayers (rayers@umd.edu).

PDA Suite Performance Measures Working Group Update

John Allen of the University of Maryland CATT Lab reviewed the progress of the PDA Suite Performance Measures Working Group. At their last meeting, the group decided on the curriculum for the following RITIS Workshops:

- [Building a Corridor Performance Summary Report - March 29, 2022](#)
- [Understanding Origin-Destination Data - April 8, 2022](#)

John highlighted new RITIS performance reporting templates recently developed for Ed Style of the Baltimore Metropolitan Council, to transform his current 75-page Quarterly Congestion Report into a series of infographic-style summaries that can be shared with any audience, and greatly reduces the number of pages of the report while being much more informative. Ed will be now used for congestion reporting starting in Q1 of 2022.

Any member agency who is interested in test-driving a template or receiving RITIS training may contact John Allen (allen35@umd.edu) or Rick Ayers (rayers@umd.edu).

RITIS Product Enhancement Working Group Update

Matt Glasser of Georgia DOT provided an update on the Product Enhancement Working Group. The group is funding three enhanced features: Waze Enhancements, Corridor Speed Graphs, and Causes of Congestion Pie Chart Deep-Dive Analytics. All three features are expected to launch by mid-2022.

The next meeting of this working group is scheduled for April 6, 2022, which will include planning for the next round of enhancements and funding. Staff from agencies who are interested in joining this group should contact Matt Glasser (mglasser@dot.ga.gov).

What's New in RITIS!

Michael Pack of the University of Maryland CATT Lab described the recent RITIS-Probe Data Analytics Suite deployments and enhancements. 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>

Recent RITIS Updates:

- Performance reporting templates are now available
- Converted RITIS to a more modern mapping infrastructure
- Waze data is available in the Live RITIS Map and Event Query Tool

PDA Suite Updates:

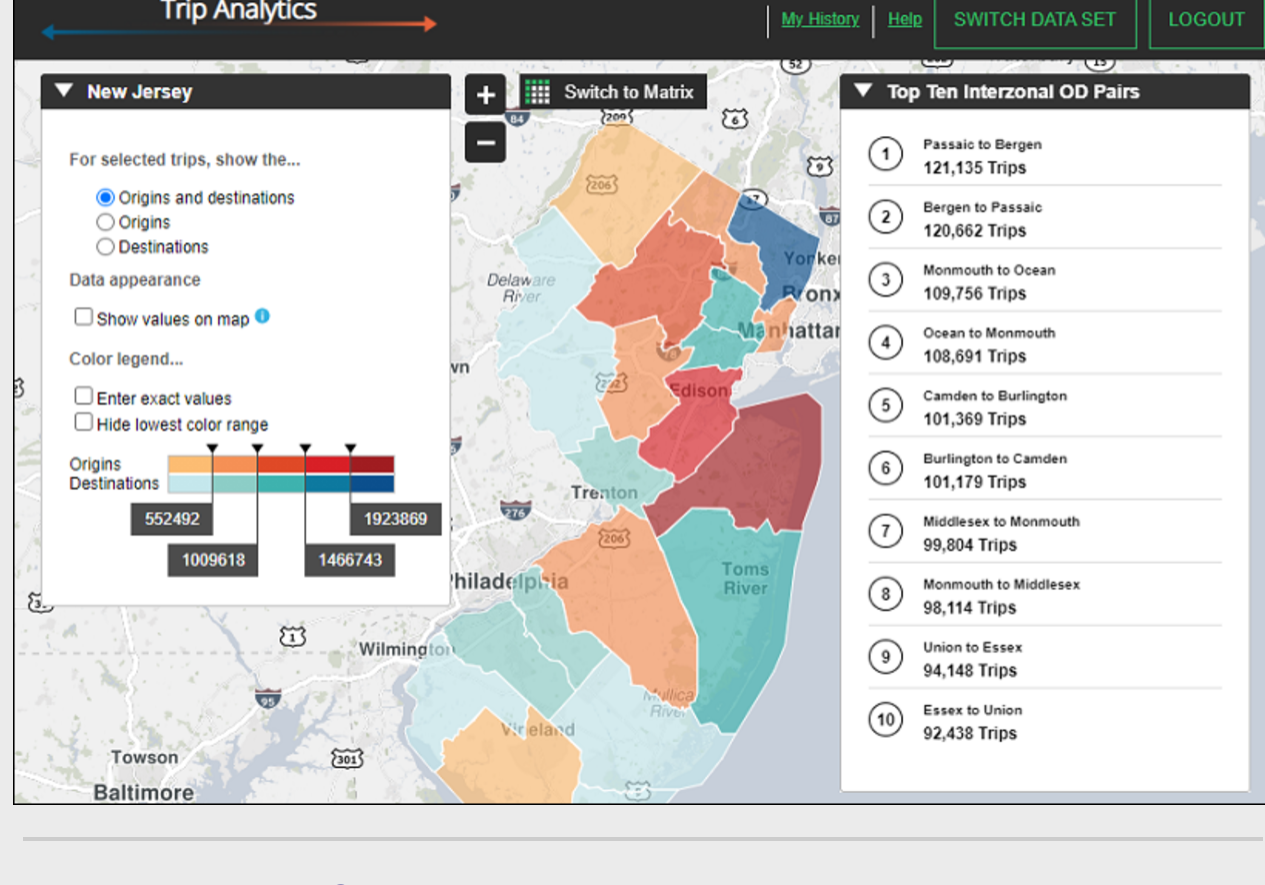
- An update was released to the PM3 Notices, Certification Schedule, and FAQs
- [NPMRDS Q4 2021 Data Quality Report](#) has been added to the PDA Suite's "What's New" pages
- Front-end is complete for Waze Events in PDA Suite
- Corridor speed graphs feature is nearly complete and will include the following:
 - Ability to select a corridor with multiple date ranges
 - Show travel time index and speeds along the corridor
 - Turn measures on and off
- Causes of Congestion Pie Chart - front-end work is nearly complete

Trip Analytics Updates:

- When a user hovers over a zone on the map, the top ten O-D pair(s) associated with the zone are highlighted (shown below).
- NHTS Dataset is integrated into the platform
- Advanced pass-through controls provide for easier and more powerful spatial filtering
- Study areas can be bounded – coming soon –
 - **The CATT Lab is looking for Beta Testers for this feature. Please contact Greg Jordan (gjordan1@umd.edu) if interested.**

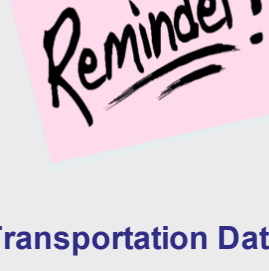
Signal Analytics Update:

- Added intersection clustering for overlapping intersection icons
- Intersections can be selected using the road name filter and map controls.



Agency Feedback Session

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



Update Your Traffic Volume Data:

The tools discussed provide more accurate results when **you** provide updated traffic volume data! Please contact Michael Pack (PackML@umd.edu) for more information on getting your newer data into the PDA Suite.

Transportation Data Marketplace (formerly known as VPPHII)

The Traffic Data Marketplace is getting ready to go live in July 2022 with six data sets and 13 vendors! Please contact Denise Markow (dmarkow@tetcoalition.com) for more information!

Upcoming Coalition Events:

- [Building a Corridor Performance Summary Report: RITIS Workshop #1 - March 29, 2022](#)
- RITIS Product Enhancement Working Group Web Meeting - April 6, 2022 (*Member agencies should contact Matt Glasser if interested*)
- [Understanding Origin-Destination Data: RITIS Workshop #2 - April 8, 2022](#)
- RITIS User Group Web Meeting - May 5, 2022 – more info coming soon!

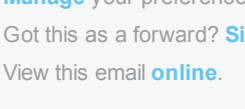
Follow the Coalition on YouTube and subscribe to be informed!

The Coalition has a YouTube channel. Recordings from many of the Coalition's webinars are available [here - take a look!](#)

Questions or Comments:

General Coalition: Denise Markow at 301.789.9088 or dmarkow@tetcoalition.org
Logistics: Joanna Reagle at 610.228.0760 or jreagle@kmjinc.com

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