

## RITIS User Group Web Meeting Follow-Up October 2021

Thanks to those who participated in the RITIS User Group Web Meeting on September 30, 2021. Please click on the links below for more information about the event or visit the User Group Tab on the RITIS section of the Coalition's website (<https://tetcoalition.org/projects/ritis-pda-suite/>).

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

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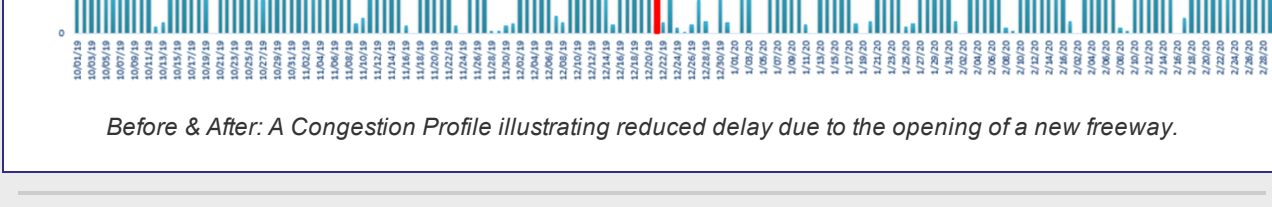
Upcoming  
Coalition Events

### Spotlight Presentation: Use of PDA Suite in Support of Transportation Planning for Maricopa Association of Governments

**Wang Zhang of the Maricopa Association of Governments (MAG)** demonstrated with two case studies how RITIS helps conduct mobility analysis efficiently.

The first example was a before and after study which demonstrated how they are using RITIS tools to monitor the impacts of adding capacity to a highway. MAG compared the congestion before the capacity was added and afterward used the User Delay Cost Analysis tool and Trend Map tool. The second case study used INRIX speed data and User Delay Cost Analysis to monitor congestion throughout the COVID-19 pandemic. MAG compared congestion trends (shown below) for March 2020 to now for the following: AM vs PM, daily congestion delay, and speed profiles by class.

In each case study, Wang used RITIS tools to help him create graphs and charts that demonstrate the findings. For MAG, the RITIS PDA Suite provides critical information to stakeholders in the transportation planning and modeling process.

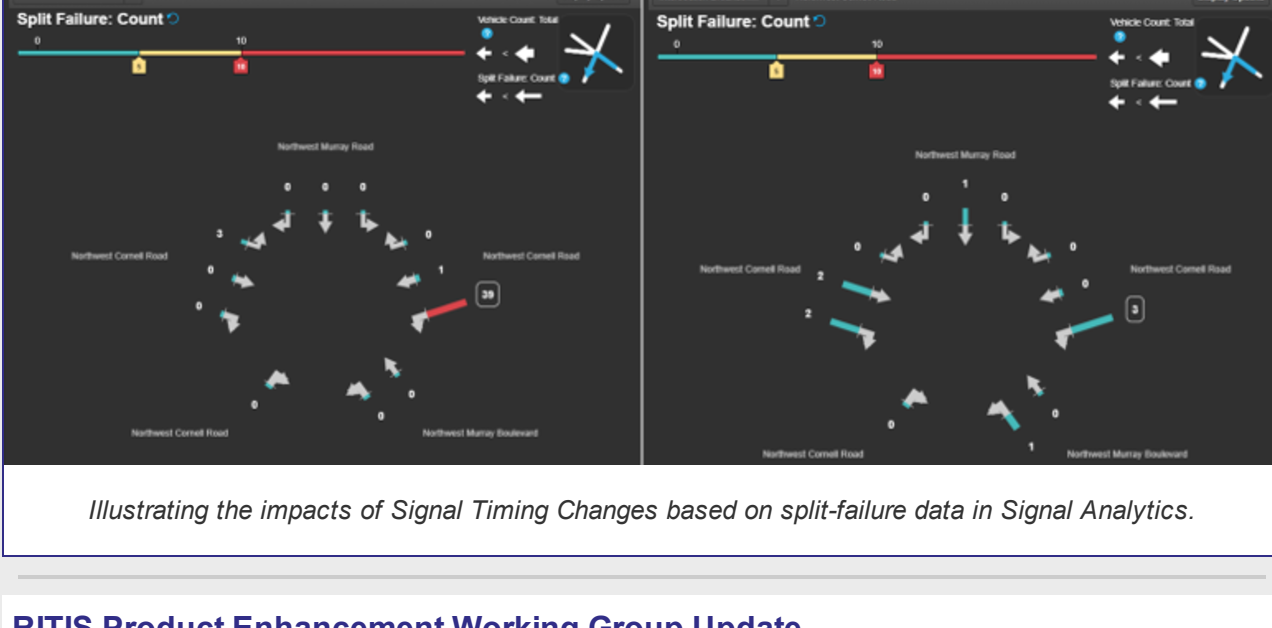


### Spotlight Presentation: Ranking Intersections Statewide in Georgia using RITIS

**Charles Lattimer of the University of Maryland CATT Lab** explained how the [Signal Analytics tool](#) works and presented three use cases. The first use case demonstrated how to analyze signal performance using the Ranked Intersection Table. The second use case demonstrated how to compare conditions before and after a signal timing change using split failures (shown below). The final use case described how to compare split failures by location and time to identify intersections needing modifications. Throughout the use cases, Charles highlighted the visualizations that are available to aid the user. He also provided an update on Signal Analytics features which include the ability to download data as a CSV, filter data in "Table to Rank Signals on a Corridor", and create titles and notes for reports.

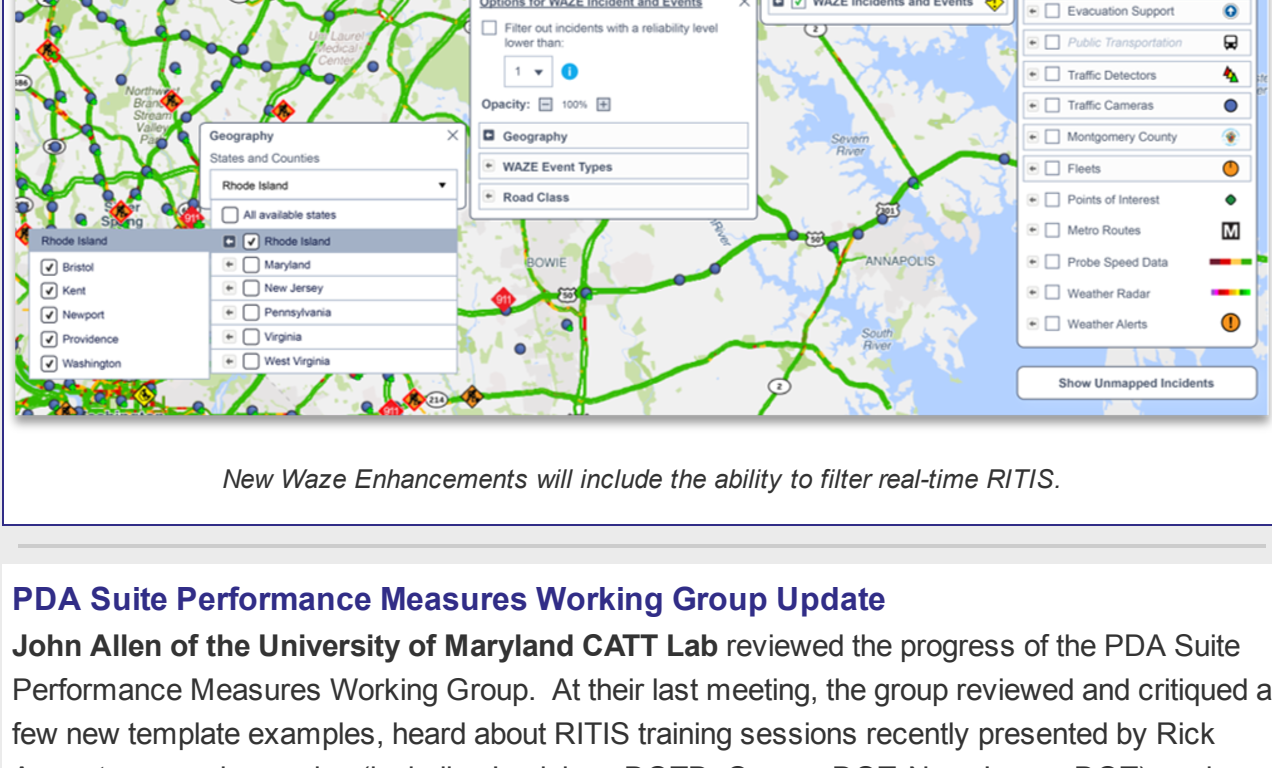
The following features are in development: Intersection Selection Improvements, Improved Filtering, and an Intersection Matrix Tool.

You can view and access a Signal Analytics tutorial [here](#).



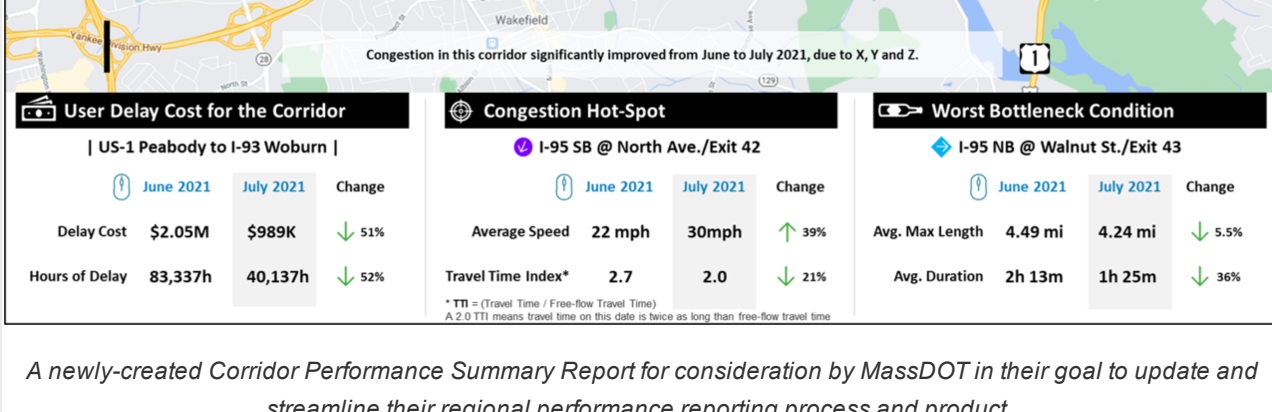
### RITIS Product Enhancement Working Group Update

**Matt Glasser of Georgia DOT** provided an update on the Product Enhancement Working Group. Since their last meeting, the group has funded three enhanced features: Waze Enhancements (shown below), Corridor Speed Graphs, and Causes of Congestion Pie Chart Deep-Dive Analytics. The Working Group is planning for the next round of enhancements and funding. The next meeting is scheduled for December 1, 2021. Staff from agencies who are interested in joining this group should contact Matt Glasser ([mglasser@dot.ga.gov](mailto:mglasser@dot.ga.gov)).



### 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 reviewed and critiqued a few new template examples, heard about RITIS training sessions recently presented by Rick Ayers to several agencies (including Louisiana DOTD, Oregon DOT, New Jersey DOT), and learned about updates to the templates page to be included in RITIS. They also laid out a general path for training workshops for the full RITIS User Group. Coalition and CATT Lab staff along with the Working Group will be fleshing out the workshops over the next few months. Any member agency who is interested in test-driving a template or receiving RITIS training may contact John Allen ([jallen35@umd.edu](mailto:jallen35@umd.edu)) and Rick Ayers ([rayers@umd.edu](mailto:rayers@umd.edu)).



### What's New in RITIS!

**John Allen 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://www.ritis.org/release_notes)
- <https://pda.ritis.org/suite/updates/>
- <https://trips.ritis.org/new>

#### Recent RITIS Updates include:

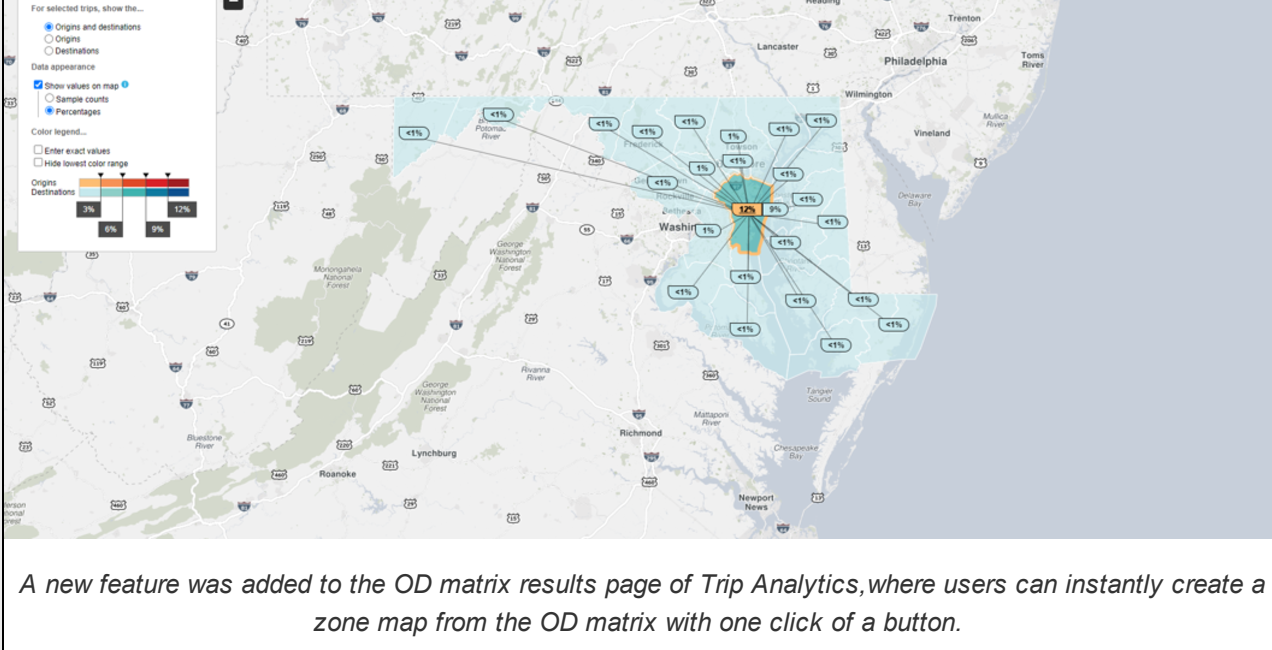
- Improvements to Work Zone Dashboard
  - List top nocturnal work zones
  - Day/Nightmode added to Personal Traffic Alerts
- Subscribing to Personal Traffic Alerts
- Data source updates

#### PDA Suite Updates include:

- Chart legends are now shown in standard image exports
- Important bug fixes and updates: Bottleneck Ranking (time zone crash), Temporal Comparision Maps (pan/zoom), MAP-21 (updated data certification schedule), Trend Map (occasional incorrect time in the header), and User Delay Cost (AADT data check)

#### Trip Analytics include:

- Can now view the OD matrix results on a zone map with one click.
- "My History" feature allows users to:
  - Edit queries
  - Open or rerun reports
  - Mark as Favorites or send to an Archive



### 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](mailto:support@ritis.org).

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

The Eastern Transportation Coalition wants to showcase how agencies across the US use the RITIS PDA Suite. If you would like to present how your agency uses RITIS, please contact John Allen ([jallen35@umd.edu](mailto:jallen35@umd.edu)) and Rick Ayers ([rayers@umd.edu](mailto:rayers@umd.edu)).



#### 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](mailto:PackML@umd.edu)) for more information on getting your newer data into the PDA Suite.

#### Traffic Data Marketplace (formerly known as VPPIII)

The RFP for the Eastern Transportation Coalition's Traffic Data Marketplace (ETC TDM) was released in May 2021. The Coalition is working on getting the ETC TDM operational within the next year, with data, ancillary products, and more. Stay tuned!

#### Upcoming Coalition Events:

- New Signal Needs, New Maintenance Tools Webinar – November 4, 2021 – register [here!](#)
- Rebuilding the Causes of Congestion Pie Chart with Real-World Data: TDADS Phase 2 Project Webinar – November 10, 2021 – register [here!](#)

#### Follow the Coalition on YouTube and subscribe to be informed!

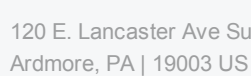
The Coalition has a YouTube channel. Recordings from many of the Coalition's webinars are available [here - take a look!](#)

#### Questions or Comments:

**General Coalition:** Denise Markow at 301.789.9088 or [dmarkow@tetcoalition.org](mailto:dmarkow@tetcoalition.org)

**Logistics:** Joanna Reagle at 610.228.0760 or [jreagle@kmjinc.com](mailto:jreagle@kmjinc.com)

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