



## RITIS User Group Web Meeting Follow-Up

March 2023

Help Improve  
RITIS

Transportation  
Data  
Marketplace

Upcoming  
Coalition  
Events

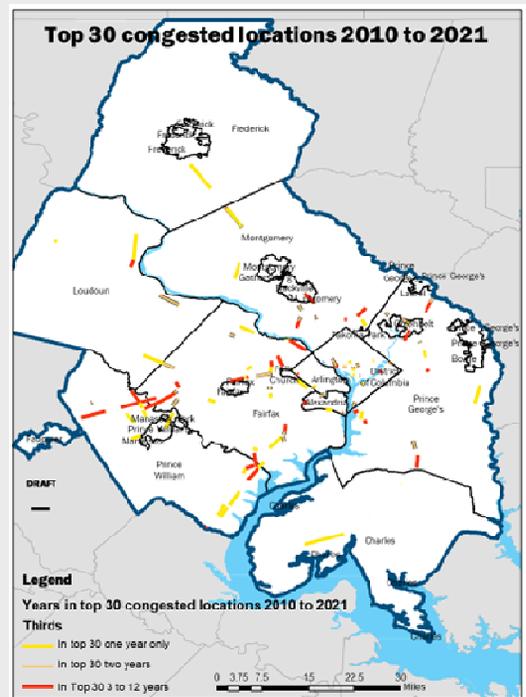
Thanks to those who participated in the RITIS User Group Web Meeting on February 2, 2023. The purpose of these meetings is to help our members understand the tools available in the RITIS platform and to see how other members and/or peer transportation agencies are using the data and tools to answer questions and simplify their processes within their agency.

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: National Capital Region Twelve-Year Bottleneck Analysis

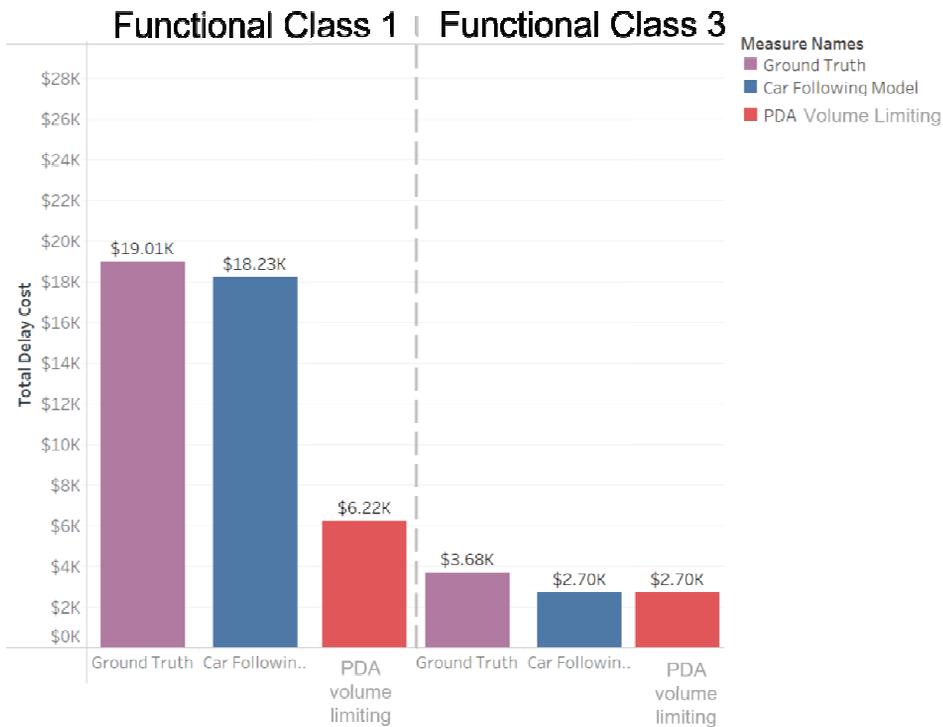
**Andrew Meese of the National Capital Region Transportation Planning Board, MWCOG** presented the agency's 12-year bottleneck analysis of the National Capital District (2010-2021). Originally, their staff used an in-house methodology for bottleneck analysis. TPB switched to calculating bottlenecks using the PDA Suite Bottleneck Ranking tool. Team members calculated and ranked the top ten bottlenecks for each year, using the base impact metric as the ranking factor, as it was determined to be the most consistent with TPB's historic aerial photography-based analyses.



TPB performed one-year bottleneck ranking analyses for each of the 12 years to identify persistent vs. short-lived bottleneck locations, comparative severity, and trends. These results were published in the [2022 Congestion Management Process Technical Report](#). Additionally, a local television station conducted a news segment about the bottleneck ranking report through a draft report posted on MWCOG's website found by the media. If your agency provides information to local media, rankings (bottlenecks or otherwise) are a great way to convey information to the public.

## User Delay Cost Calculation Methodologies & Potential Improvements

**Mark Franz of the University of Maryland CATT Lab** highlighted potential improvements to user delay cost calculation methodology/tool. The current methodology in the PDA Suite uses a volume-limiting algorithm. This methodology comes from AADT profiling and does not capture the impact of abnormal congestion. The CATT Lab team recommends using the car-following model (CFM), as it is much closer to ground truth data. Calculations for the car following model can be found in the [Q&A](#) and [slides](#).

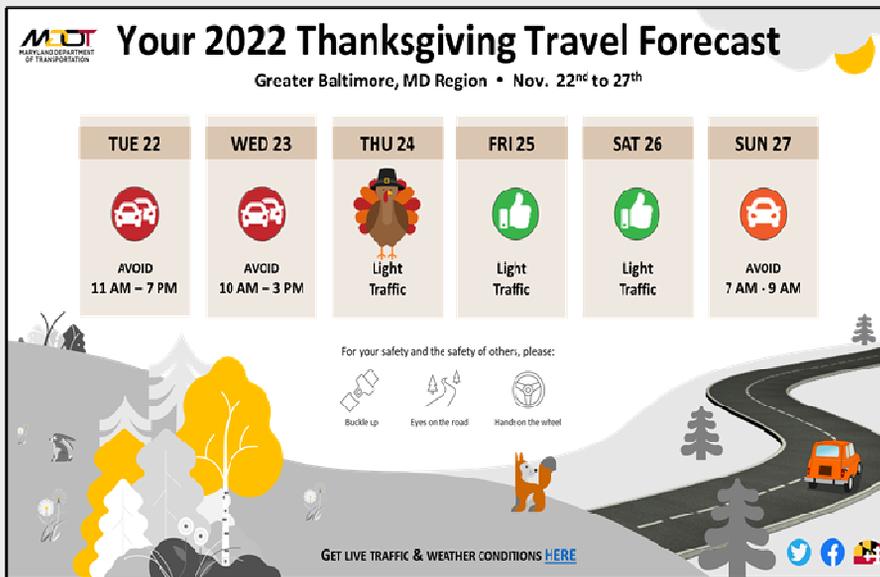


## PDA Suite Performance Measures Working Group Update

**John Allen of the University of Maryland CATT Lab** reviewed the progress of the PDA Suite Performance Measures Working Group.

The **After-action Reporting** package discussed previously is now available on the [RITIS Templates page](#). The team plans to have the Holiday Travel Forecast template package (graphic below) deployed in the spring of 2023. The package will include templates, design resources, agency use cases, and a how-to guide. The next project for the PDA Suite Performance Measures Working Group is to develop a work zone reporting development package.

Staff from member agencies who are interested in reviewing these templates should contact John Allen ([jallen35@umd.edu](mailto:jallen35@umd.edu)) or Rick Ayers ([rayers@umd.edu](mailto:rayers@umd.edu)).



*This scenic-style infographic is just one of the many examples of agency's use of RITIS results for holiday travel forecasting*

## RITIS Product Enhancement Working Group Update

**Bob Frey of Massachusetts DOT** provided an update on the Product Enhancement Working Group. Priorities for the spring of 2023 include building additional reporting templates, enhancing the Causes of Congestion tool, and designing the automated work zone reporting tool. Their most recent meeting was held on March 2, 2023, during which members suggested RITIS enhancements to fund during FY2024. The next meeting will be in the summer of 2023.

Staff from agencies who are interested in joining this group should contact Bob Frey ([bob.frey@dot.state.ma.us](mailto:bob.frey@dot.state.ma.us)) and Michael Pack ([PackML@umd.edu](mailto:PackML@umd.edu)).

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

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](mailto:jallen35@umd.edu)) or Rick Ayers ([rayers@umd.edu](mailto:rayers@umd.edu)) to discuss sharing your use case.

## What's New in RITIS!

**Michael Pack of the University of Maryland CATT Lab** described 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:



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](mailto:support@ritis.org).



### **Update your Traffic Volumes:**

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.

### **Transportation Data Marketplace**

The Transportation Data Marketplace has six data sets and 12 vendors! Visit the [TDM page of the Coalition's website](#) for more information

### **Upcoming Coalition Events – stay tuned for more information!**

- Waypoint/Trip Data for Ops and Planning - RITIS Workshop #4 - April 20, 2023, 1:00pm-2:15pm, ET – more information soon!
- RITIS User Group Meeting - May 4, 2023– more information 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](mailto:dmarkow@tetcoalition.org)

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