

RITIS-PDA Suite User Group Follow-Up

March 2020

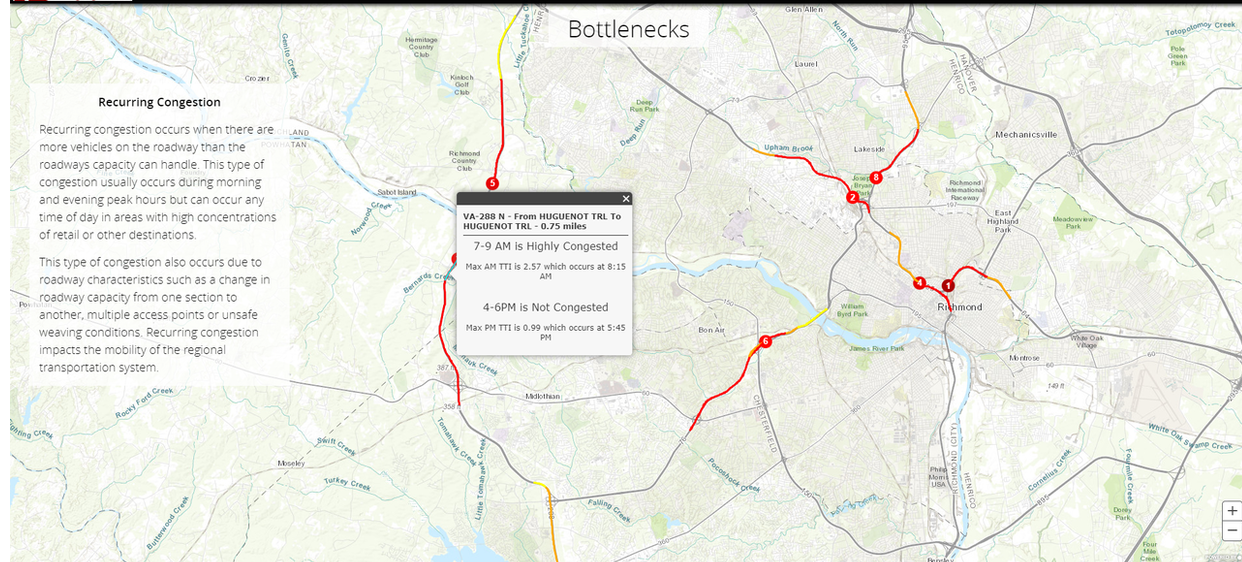
RITIS-PDA Suite User Group Meeting - February 2020

Thanks to those who participated in the RITIS-PDA Suite User Group web-meeting that was held on Thursday, February 6, 2020. Please click on the links below for more information about the meeting or visit the [RITIS & PDA page](#) on the I-95 Corridor Coalition website.

- [Presentation with audio](#)
- [Slides only](#)
- [Question & Answer Summary](#)

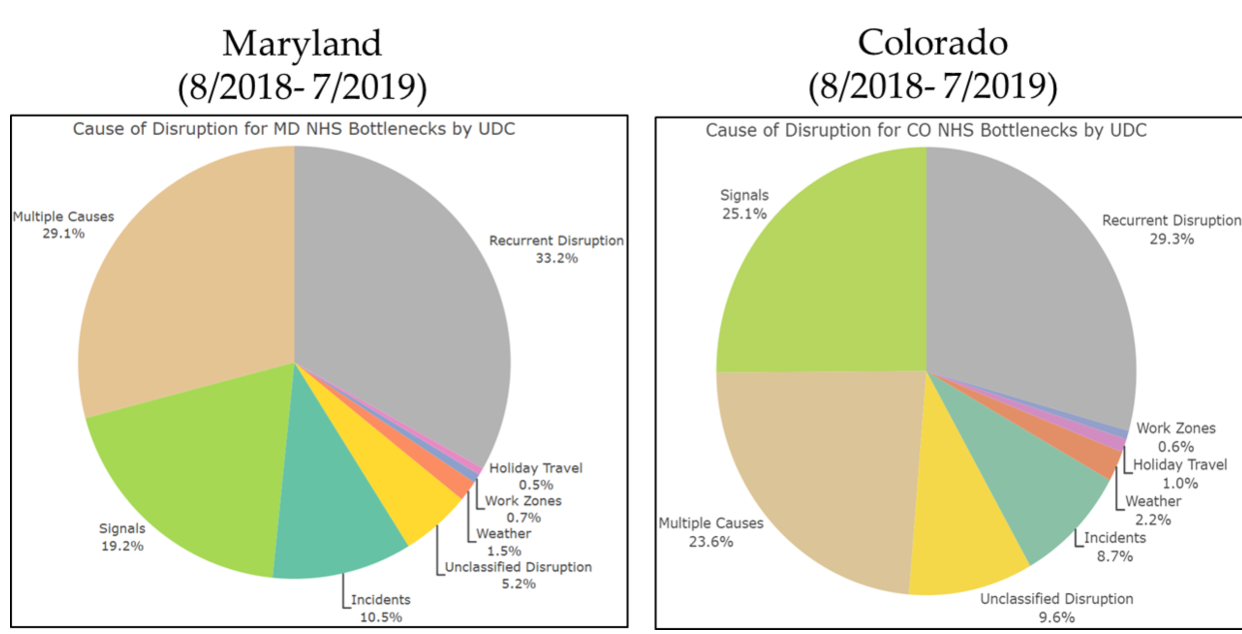
Spotlight Presentation #1 - Integrating RITIS-PDA Suite analytics into Esri's ArcGIS Platform

Greta Ryan, Richmond Regional Planning Organization (PlanRVA), shared how her agency uses the PDA Suite along with ArcGIS StoryMap to provide an interactive way for all to view their Congestion Management Process (CMP), with the intent on increasing interest and dialogue about the content. Greta provided a visual history of how their CMP preparation has changed throughout the past 10 years. She then guided the participants through Richmond Regional Planning Organization's [online CMP](#), highlighting the tools used and visualizations included from the PDA Suite. Greta concluded by noting that they have received very positive feedback about their CMP and that it has generated the executive-level discussion they were hoping to get. Below is a visualization of how bottlenecks are displayed in their CMP.



Spotlight Presentation #2 - TDADS Project Update

Mark Franz, UMD CATT Lab, provided an update on the Transportation Disruption and Disaster Statistics (TDADS) Project. The objective of this project is to upgrade the "ancient congestion pie chart" and create an interactive, easily-accessible tool for practitioners and decision-makers. The intention is to quantify disruption in dollars as User Delay Cost and also to perform a multi-factor cause analysis using samples from four seasonal months. Mark presented initial results for Maryland and Colorado reviewing the process used for this analysis along with the results for each state as shown below. In addition, the top multi-factor causes for seven states (Maryland, Colorado, Arizona, Virginia, Michigan, Ohio, and Pennsylvania) were identified to determine the top four cause combinations of disruption/congestion analysis. The next steps include finalizing the interface development, obtaining and analyzing the full data set, and incorporating the data into the online interface.

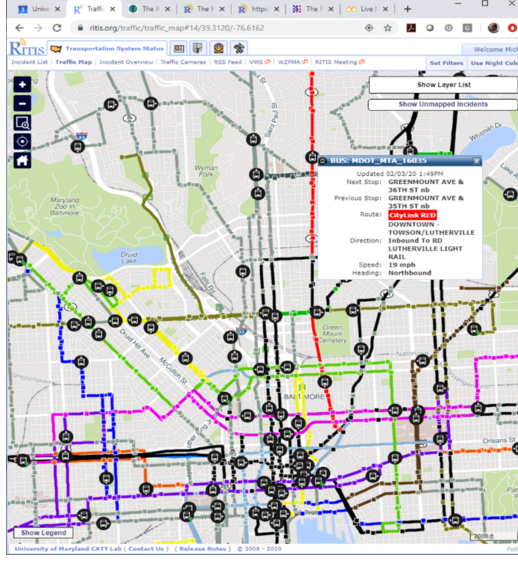


What's New!

Michael Pack, UMD CATT Lab, described the recent RITIS-Probe Data Analytics Suite deployments and enhancements. [Click here](#) to find out more about what's new in the RITIS-PDA Suite.

Recent RITIS enhancements include:

- Improved weather tile rendering at high zoom levels
- Denser road network displayed at zoom levels
- Significant speed/responsiveness to public transit layer
- Selecting Region of Interest (ROI) allows for rectangular or circle with greater precision
- Added HERE subsegment probe data on RITIS Map



Recent PDA Suite deployments/enhancements include:

- New clearance time widget with three different visualizations
- Signal analytics enhancements
- INRIX XD road search

Other Updates:

- For the INRIX Trips and Trajectory Analytics tools which analyze people and freight movement. Route Analytics is brand new. It can allow users to see the routes that are being taken between points and the amount of vehicles taking each route.
- Static CCTV images are now available in TrafficView (public version of RITIS)

Work in Progress:

- Detector Tools
- Many new video tutorials
- New Templates - Work Zone Audits, After Action Reviews, etc.
- RITIS Re-skinning and Modern UI



Update Your Traffic Volumes!

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

Check out the Coalition on YouTube!

The I-95 Corridor Coalition has a YouTube channel. Recording from many of the Coalition's webinars are available [here - take a look!](#)

Optimal Traffic Monitoring Report Available

The final report for the I-95 Corridor Coalition's Optimal Traffic Monitoring project is complete and available on the I-95 Corridor Coalition website! This project goal was to raise the awareness of viable traffic data sources that have emerged over the past decade. The intent of this paper is to outline how to leverage the new data sources in combination with traditional data resources for the best results.

- [Project Paper](#)
- [One-page summary](#)

Upcoming Coalition Sponsored Meetings

- March 19, 2020 - Summit on Traveler Information Strategies: Emerging Technologies in Traveler Information to Improve Safety for Passenger and Commercial Vehicles (in-person & via web)
- April 21, 2020 - Webinar on Traffic Volumes from Probe Data - Results from Harrisburg, PA
- May 7, 2020 - RITIS-PDA Suite User Group Web Meeting



LOOK OUT: The I-95 Corridor

Coalition is changing...

New Name, New Logo, More States - Renewed and Stronger Commitment to Our Members!



Questions or Concerns:

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