

## RITIS-PDA Suite User Group Follow-Up May 2019

Thanks to those who participated in the RITIS-PDA Suite User Group meeting that was held on Thursday, April 25, 2019. Please visit the RITIS or PDA page on the I-95 Corridor Coalition website or click on the links below for more information about the meeting. In addition to the presentations, the web session involved some lively chat exchanges.

Slides only

Presentation with Audio

**April 2019 User Group Meeting:** 

- Q&A Summary
- RITIS Website
- Spotlight presentations for this quarter centered on use cases for both RITIS and PDA. Travel

summarized below! **Spotlight Presentation -**

forecasting, arterial performance and highway performance studies were presented. They are

# Matt Glasser, PE, Regional Traffic Operation

Holiday Travel Forecasting

Program Manager, GDOT, presented GDOT's Thanksgiving holiday travel information program. Matt discussed the analysis and how they make this information consumable and effective for the public. The graphic to the right shows their use of the PDA Suite's "weather forecast" format for describing expected traffic conditions, including what dates/times to avoid, broken down by key geographic areas around the state. This forecast is

based upon probe data collected over the years and stored within the RITIS-PDA Suite. GDOT provides this information to traditional news outlets and also uses social media to get the word out!

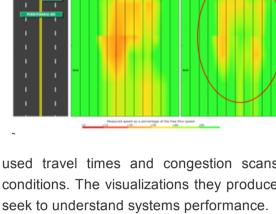
11/22/2018 FRIDAY 11/23/2018

GDQT

SATURDAY 11/24/2018

**THANKSGIVING WEEK 2018** 

Following the webinar, Matt shared examples of GDOT's Holiday Travel graphics which may be found here: GDOT Holiday Travel Examples and GDOT – Holiday Travel Routes. Editable versions of GDOT's travel forecasts and the inspirational CATT Lab Travel Forecast Template are available at <a href="https://pda.ritis.org/suite/help/#templates">https://pda.ritis.org/suite/help/#templates</a> for RITIS-PDA users. **Spotlight Presentation - RITIS Applications for** een Independence Ave and Hassachus 12TH ST Northbound **Measuring Performance in Downtown Washington DC** Paul Silberman, PE, PTOE, Practice Leader



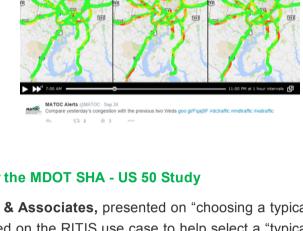
Transportation Planning, Sabra & Associates, Inc., presented work produced for DDOT related

to performance measurement during the 2015 Papal visit. After providing some background on the local geography, roadway network and transportation statistics, Paul explained how they used travel times and congestion scans from the PDA Suite to evaluate before and after conditions. The visualizations they produced are powerful examples for the public and others who

The above image shows congestion on 12th Street during the visit (left) and after (right with circle) demonstrating relatively less congestion after the Papal Visit concluded.

He continued by explaining the user delay cost module of the PDA Suite and describing other RITIS modules used during the Papal visit. He also demonstrated how MATOC tweeted images (including comparative maps) generated with

RITIS to inform the public. Spotlight Presentation - RITIS Applications for the MDOT SHA - US 50 Study Josh Coulson, Transportation Engineer, Sabra & Associates, presented on "choosing a typical day" for Maryland DOT. Josh's presentation focused on the RITIS use case to help select a "typical day" when calibrating their Route 50 VISSIM model. The intent is to use the model for future

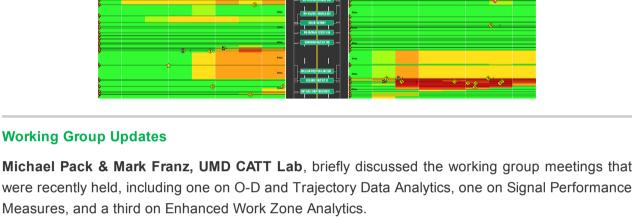


**Enhanced Work Zone Analytics** 

February 28

### analyses related to the corridor. The data enabled the team to assess westbound traffic for a series

of Sundays. Statistical analyses were used to determine the typical day.



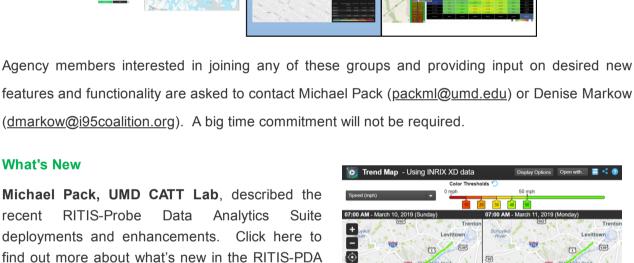
### O-D/Trajectory Analytics February 13th

recent

 Virginia New York

Signal Performance Measures

February 26th



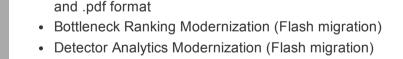
Two of the RITIS deployments highlighted during the presentation include:

1. The Every Day Counts TIM PM Tool is now LIVE @ https://www.ritis.org/archive/incident

• AARs added to Incident Logs – agencies will be able to upload After Action Reviews in .ppt

Additional Dashboard Widgets that visualize trends in reliability and incident response times MAP-21 / NPMRDS Enhancements – improvements to be able to run reports on non-NHS

EDC TIM Additional Work – adding new features to improve performance



INRIX in 2011. What should you do? Your agency has several options...

Suite. (https://pda.ritis.org/suite/updates/)

2. INRIX XD data on Trend Maps

segments are forthcoming

Important Volume Data Update

Pack - packml@umd.edu)

Number of

the U.S.

700,000 600,000

400,000

2.

3.

**WORK IN PROGRESS** 

If your agency has not provided updated volume data to the CATT Lab, the volume data currently in RITIS-PDA Suite (for User Delay Cost calcs) may be from the original volume donation made by

Provide the CATT Lab with volume data (preferably annually). The format is shown here https://pda.ritis.org/suite/help/#udc-analysis/preferred-volume-format (if interested, contact Michael

conflation exercise (will only improve the NHS) (if interested, contact Michael Pack packml@umd.edu)

Work with your probe data provider to obtain new volumes (this will have a separate cost)

Get involved with the I-95 Corridor Coalition's volume estimation project. They are working with

researchers to produce higher quality volumes estimates. (This would require funding and

Request the CATT Lab replace old volume data with the data from the NPMRDS/HPMS

coordination) (if interested, contact Denise Markow - <a href="markow@i95coalition.org"><u>dmarkow@i95coalition.org</u></a>) 1,000,000 As spatial coverage increases significantly, volume coverage is not being updated by all agencies 900,000

Number of TMC

TMC Map Update Date As spatial coverage increases significantly, volume coverage is not being updated by all agencies. SAVE THE DATE for the Next User Group Meeting The next RITIS-PDA Suite User Group web meeting will be held on Thursday, July 25, 2019 from 10:30am - 12:00pm. It will focus on Project Prioritization. An email invitation will be sent in early

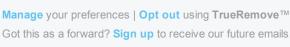
Check the Coalition out on YouTube!

The I-95 Corridor Coalition has a YouTube channel. Recording from many of the Coalition's

RITIS Technical Support: support@ritis.org Logistics: Joanna Reagle at 610-228-0760 or jreagle@kmjinc.com

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## <u>webinars are available here – take a look!</u> **Questions or Concerns:** General Coalition or User Group Questions: Denise Markow at 301-789-9088 or <a href="markow@i95coalition.org"><u>dmarkow@i95coalition.org</u></a> PDA Technical Support: UMD CATT Lab at <a href="mailto:vpp-support@ritis.org">vpp-support@ritis.org</a>