



RITIS & Probe Data Analytics Suite User Group Follow-Up



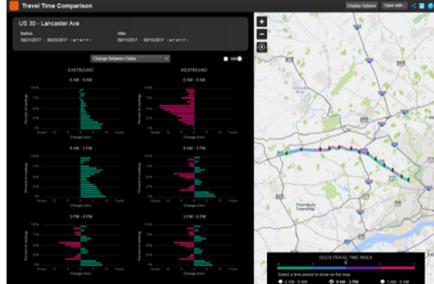
Recent User Group Meeting

Thanks to those who participated in the RITIS & PDA Suite User Group meeting on July 19, 2018. 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.

- Slides only
Q&A
The audio for this meeting was not recorded due to a technical glitch

Spotlight Presentation - Enabling Signalized Arterial Performance Measures Comparisons

Dan Farley, Chief of PennDOT's Traffic Operations Deployment & Maintenance Section, described how PennDOT has been recently working with Purdue University to improve analysis of signalized corridors by exploiting high-definition (INRIX XD) probe data.



PDA Suite Analytics Travel Time Delta Ranking tool (coming soon)

PennDOT and Purdue have been exploring ways to:

- 1) monitor corridor travel times for improved before-and-after studies; 2) rank arterial corridors more accurately based on the ratio of measured median speeds to speed limits; 3) understand mobility patterns over days and weeks using a 'Congestion Ticker' visualization metaphor; and 4) improve ways to link congestion mitigation investments to the benefits of improved mobility and air quality.

Spotlight Presentation - Waze Integration & Analysis

Dr. Mark Franz discussed the CATT Lab's work on understanding how Waze data may improve situational awareness and traffic incident management. The sheer volume of Waze-generated incident information provides both great potential and enormous challenge.

Waze Data Challenges

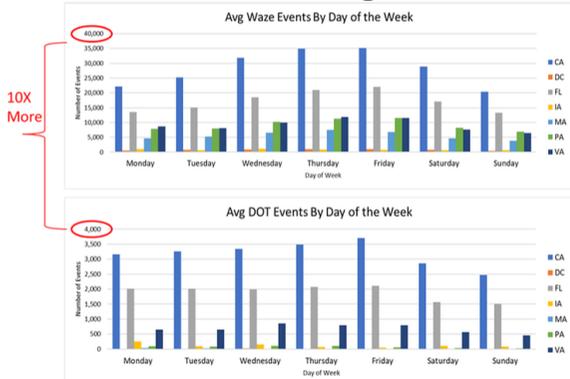


Table with 3 columns: State, Avg Waze Events Per Day, Avg DOT Events Per Day. Rows include CA, DC, FL, IA, MA, PA, VA.

Data Quality Considerations:

- Redundancy
Reliability

Notes:
Waze data excludes jams event type
3 Month Period of 5/17 - 5/17 displayed

What's New!

RITIS

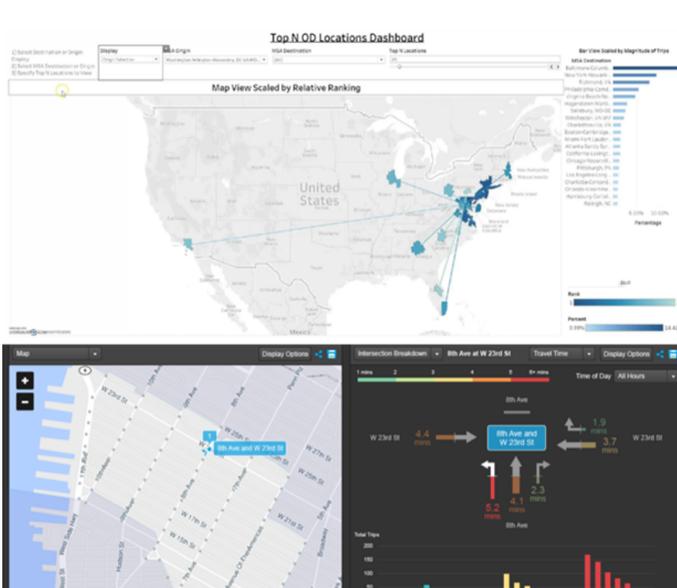
- CCTV Player Modernization
New Tiling Infrastructure
Added PA Turnpike Incident Data
GDOT CCTV Feeds
Numerous Bug Fixes related to: chat rooms, media uploads, and API Key requests
More

PDA

- Significant documentation updates
Segment positioning at zoom levels
Night-mode for Region Explorer
Dashboard formatting
Road search bug fixing
Map-21/PM3 screencasts and tutorials
Integrated state speed limits, vehicle occupancy, etc.
Massive Data Downloaded bug fixes
Ability to archived XD data
Tiling/Mapping modernization trend map performance enhancements

O-D Analytics Now Arriving!

GPS-generated 'bread-crum trails' provided by probe data vendors are enabling new analytical tools for the RITIS platform. Michael Pack (CATT Lab Director) explained that these can be used for almost any type of analysis of current or historical conditions, or before/after changes.



Questions or Concerns:

General Coalition or PDA Questions: Denise Markow at 301-789-9088 or dmarkow@i95coalition.org
Probe Data Analytics (Technical Support): ypp-support@rtis.org
RITIS (Technical Support): support@rtis.org
PDA User Group Logistics: Joanna Reagle at 610-228-0760 or jreagle@kmjinc.com

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