



RITIS User Group

Inaugural Meeting • December 15, 2016



Webcast and Audio Information

- The call-in phone number is:

1-719-867-1571 & enter 725437# at the prompt

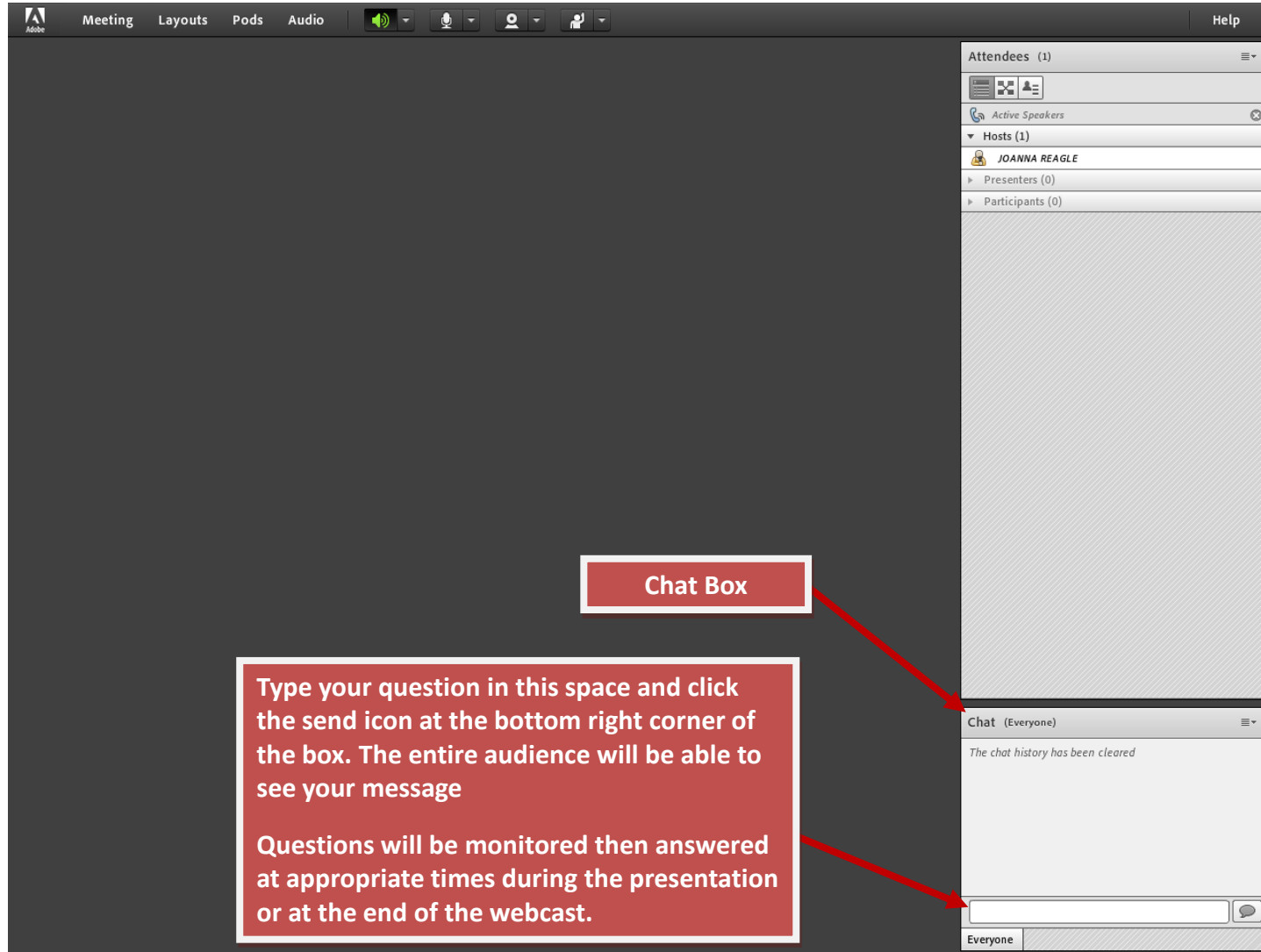
- Your phone line will be muted throughout the webcast
- Please press *0 to speak to an operator for questions regarding audio
- Please call 484-557-7009 for difficulties with the web or audio application
- All materials will be available to participants after the web meeting

Questions

- Questions should be typed in the chat box during the webcast
- Questions in the chat box will be monitored then answered by the speakers at appropriate times during the presentation or at the end of the webcast



Asking Questions



The screenshot shows the Adobe Connect interface. At the top, there is a menu bar with 'Meeting', 'Layouts', 'Pods', 'Audio', and 'Help'. Below the menu bar, there are icons for audio, video, and chat. The main area is dark gray. On the right side, there is a sidebar with a list of attendees. The list includes 'Attendees (1)', 'Active Speakers', 'Hosts (1)' (with 'JOANNA REAGLE' listed), 'Presenters (0)', and 'Participants (0)'. Below the list, there is a 'Chat (Everyone)' section. The chat history is cleared, and there is a text input field at the bottom with a send icon. A red box labeled 'Chat Box' points to the chat input field. Another red box contains instructions on how to use the chat box.

Chat Box

Type your question in this space and click the send icon at the bottom right corner of the box. The entire audience will be able to see your message

Questions will be monitored then answered at appropriate times during the presentation or at the end of the webcast.

Welcome & Introductions



Denise Markow, PE
I-95 Corridor Coalition
TSMO Program
Coordinator



Michael Pack
UMD CATT Lab
Director

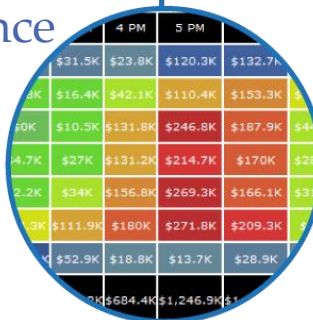
Meeting Agenda

- Our Mission
- Our Organization
- Logistics
- RITIS Overview
- Spotlight Presentation
- Agency Input Session
- Next Steps

Our mission

- ✓ Advance TSMO and multi-agency collaboration within the Coalition.
- ✓ Bring together Operations & Planning.
- ✓ Share best practices.
- ✓ Ensure members have access to the best available technologies and tools.

Performance Measures



Planning



Operations



Trav. Info



How we will achieve our mission:

1. Sharing Agency Knowledge

2. Advance Regional Capabilities

3. Disseminate Member Use-cases

✓ Incident Response

✓ Regional Operations

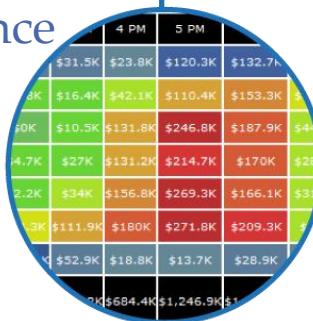
✓ Performance Management

✓ Evacuation Coordination

✓ Data Sharing

✓ Significant events

Performance Measures



Planning



Operations



Trav. Info



How we will achieve our mission:

1. Sharing Agency Knowledge

2. Advance Regional Capabilities

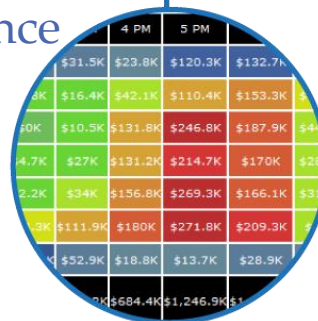
3. Disseminate Member Use-cases

✓ Prioritizing RITIS feature enhancements

✓ Provide feedback to RITIS developers

✓ Inform others of agency ATMS advancements and changes

Performance Measures



Planning



Operations



Trav. Info



How we will achieve our mission:

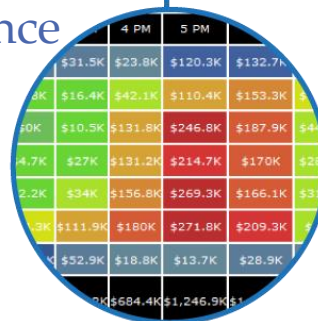
1. Sharing Agency Knowledge
2. Advance Regional Capabilities
3. Disseminate Member Use-cases

✓ Best Practices

✓ Lessons Learned

✓ After-Action Reviews of Major Events

Performance Measures



Planning



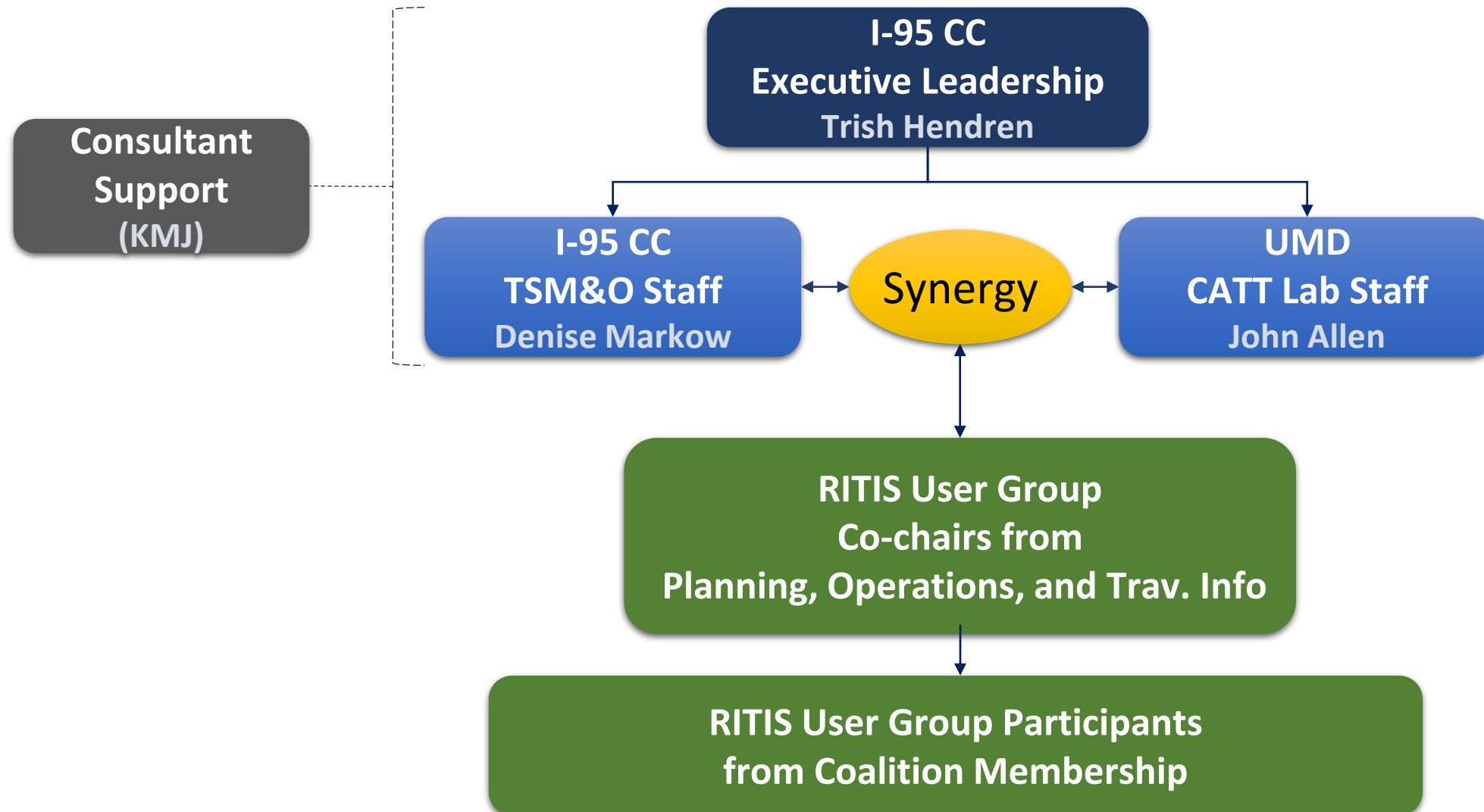
Operations



Trav. Info



How we're organized



When & how we will meet



- › Quarterly
- › Web-based

› optional **in-person** every other quarterly meeting

- › for hands-on training,
- › testing,
- › agency info-sharing, and
- › networking

› **special sessions** as needed

- › significant event preparation
- › immediate input needed,
- › working groups, or
- › other emergency needs



Who is invited: All Coalition Members

State Agencies

Maine DOT
Maine Turnpike
New Hampshire DOT
Vermont AOT
Massachusetts DOT
Rhode Island DOT
Connecticut DOT
New York State DOT
NY State Thruway
Port Authority of New York & New Jersey
New Jersey DOT*
New Jersey Turnpike*
Pennsylvania DOT
Pennsylvania Turnpike
Delaware DOT
Maryland SHA-CHART
Maryland Transportation Authority
Washington DC DOT
Virginia DOT
North Carolina DOT
South Carolina DOT
Georgia DOT
Florida DOT

Regional Systems Users

New England Regional 511
NITTEC
Transcom
RIMIS
RITIS
STIX
Etc.

Others

MPOs
Law Enforcement
EMAs
Towing & Recovery
3 rd Party Providers
TransUrban
Local DOTs
Etc.

Coordinated & Informed Coalition Members



High-Level RITIS Overview

Some of you will already know this, but...

Let's all get on the same page

Presentation



Planning



Operations



Travel Info



Research

Integration



Data



Traffic



Events



Parking



Weather



Signals



CAD



Transit


Is for...



Planners
Operators
Managers
Transit
First Responders
Dispatchers
Police & LEOs
Researchers
Travelers
Elected Officials
The Military
Emergency Mgmt.
PIOs

For Operations, RITIS will not replace your ATMS

An ATMS typically provides...

- > Monitoring and command & control of ITS devices
- > An input tool used by DOT operators to respond to changing conditions
- > Supports traveler information for the roads covered by the operating agency

RITIS value-adds your ATMS by...

- > Merging freeway and signalized arterial operations
- > Ingesting detailed data from law enforcement, local agencies, surrounding states or other non-traditional partners
- > Providing advanced analytics and visualizations for:
 - DOT and Public Safety fleet management
 - Freight and commercial vehicle operations
 - Transit (bus & rail)
 - Evacuation plans & pre-evacuation, interagency decision support tools
 - Performance reporting and after-action review capabilities
- > Creating and publishing dashboards
- > Making archived ops data and advanced analytics available for planners and researchers
- > Testing new datasets, like CC transactions, C/AV, etc.
- > Shares information safely outside of your ATMS: can be leveraged by managers, public officials, EMAs, MPOs, and others for reporting, sharing and communication purposes

RITIS has Many Uses & Users

➤ Operations Examples



Work zone monitoring



Incident response,
Info-sharing, & AARs

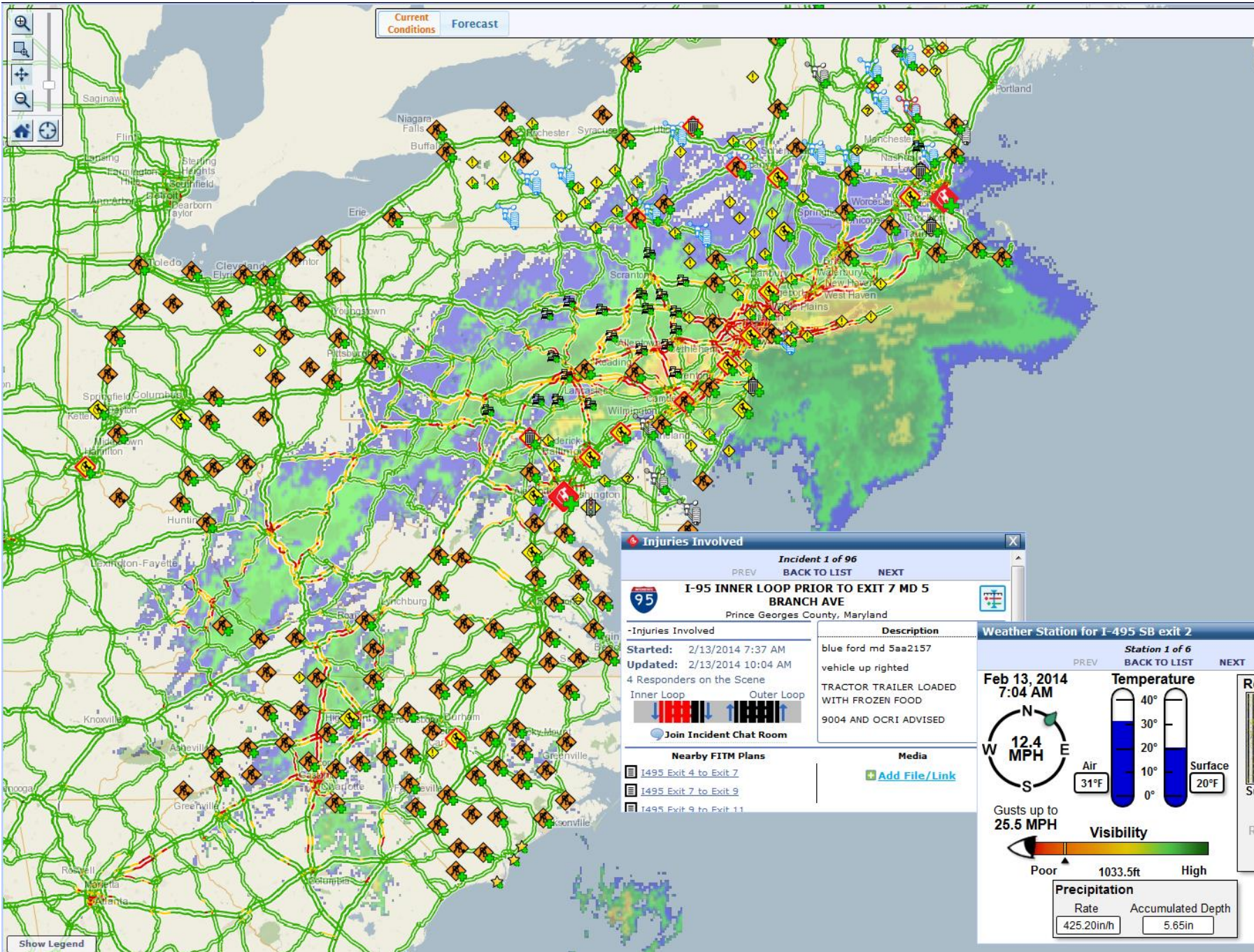


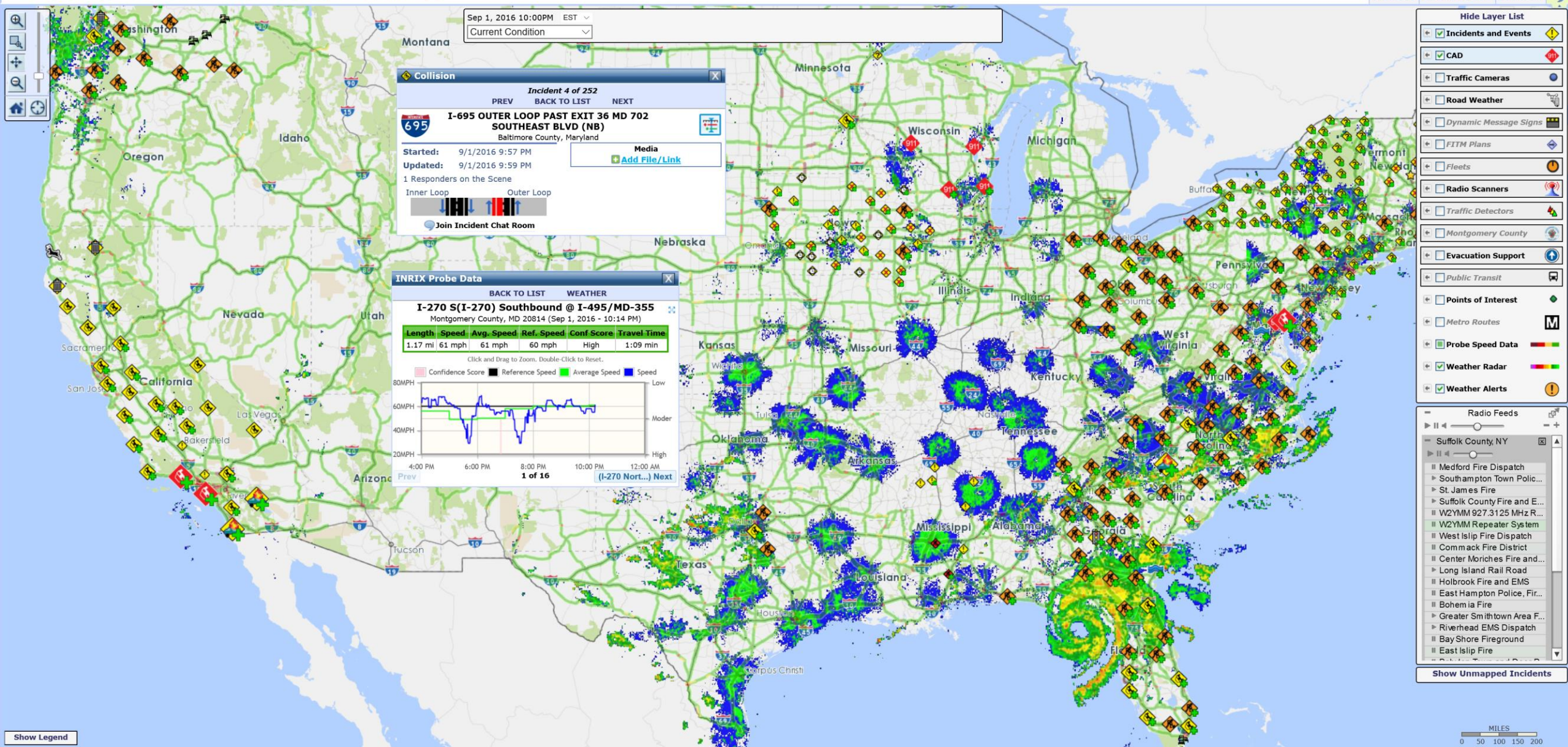
Program Justification

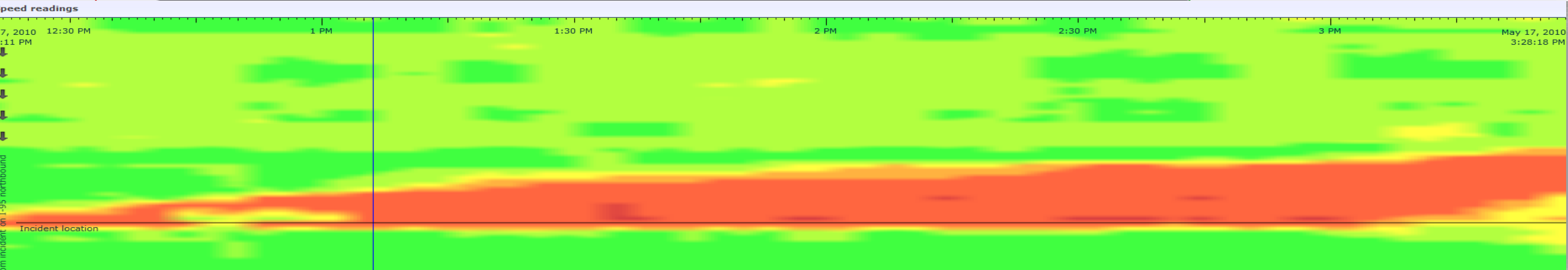
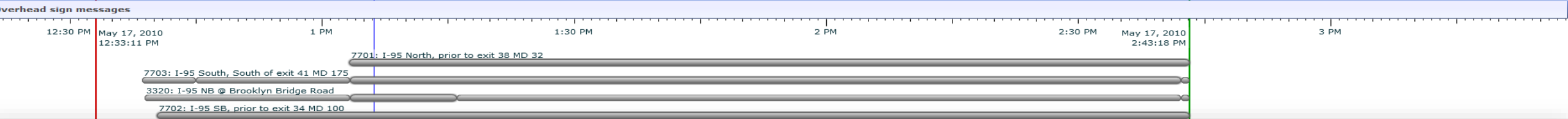
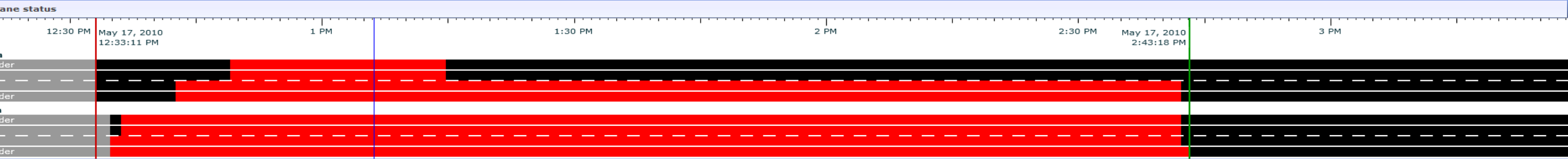
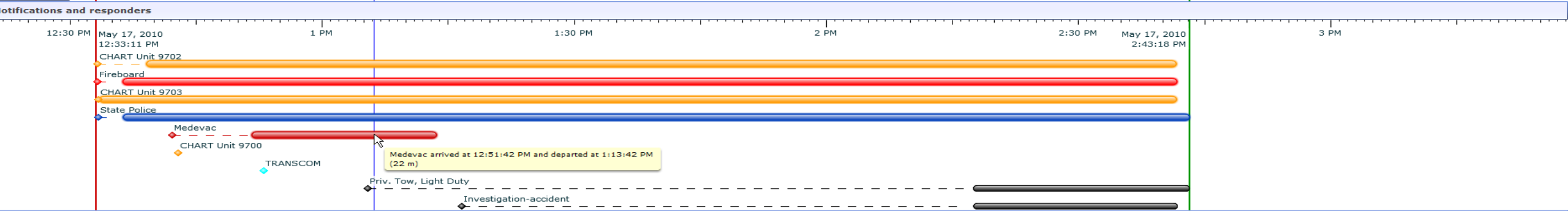
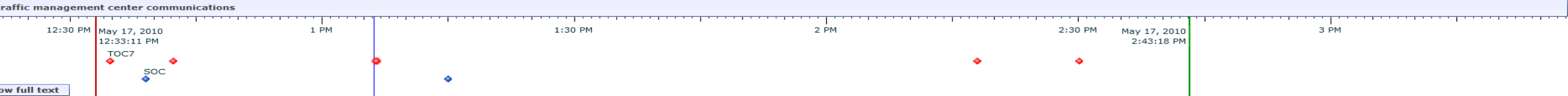


Significant events
(planning & response)

Better visualizations and Enhanced Situational Awareness







Radio Feeds

Marin County, CA

California Highway Patro...
Marin County Fire Agenc...
WIN System Amateur R...

Santa Cruz County, CA

Santa Cruz County Fire ...
WIN System Amateur R...
San Mateo County Fire a...
Amateur Radio Repeater...
Amateur Radio Repeater...

San Mateo County, CA

BART - Bay Area Rapid T...
California Highway Patro...
Hillsborough Police Depa...
San Mateo County ARES...
N6NFI 145.230 Mhz Rep...
San Mateo County Fire a...
San Francisco Bay Area ...
San Mateo County Law E...
WIN System Amateur R...
SFO Airport and Oakland...

District of Columbia County

Metropolitan Washington
Airports Authority (MWAA)
Public Safety

Firefox

RITIS | Regional Integrated Transportation Information System

https://www.ritis.org/traffic/traffic_map#scale=1&y=4722774.504487587&xc=-10844661.325475901

Google

Transportation System Status

Incident List | Traffic Map | Incident Overview | Traffic Cameras | RSS Incident Feed

Welcome Michael Pack!

Set Filters | Use Night Colors | Fullscreen

Show Layer List

Radio Feeds

Marin County, CA
California Highway Patro...
Marin County Fire Agenc...
WIN System Amateur R...

Santa Cruz County, CA
Santa Cruz County Fire ...
WIN System Amateur R...
San Mateo County Fire a...
Amateur Radio Repeater...
Amateur Radio Repeater...

San Mateo County, CA
BART - Bay Area Rapid T...
California Highway Patro...
Hillsborough Police Depa...
San Mateo County ARES...
N6NFI 145.230 Mhz Rep...
San Mateo County Fire a...
San Francisco Bay Area ...
San Mateo County Law E...
WIN System Amateur R...
SFO Airport and Oakland...

District of Columbia County
Metropolitan Washington
Airports Authority (MWAA)
Public Safety

Show Unmapped Incidents

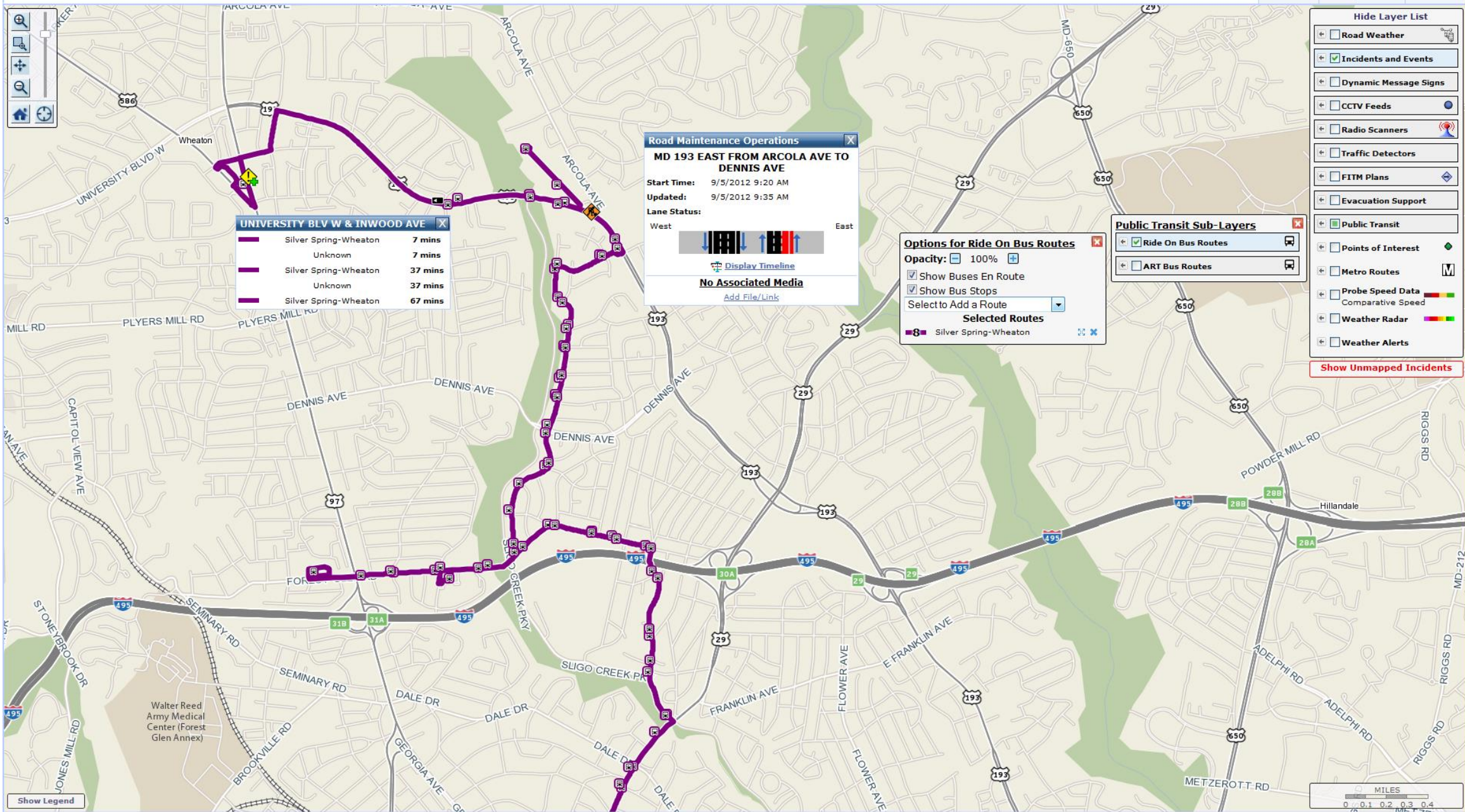
Street
State
Country

Show Legend

MILES
0 50 100 150 200

University of Maryland CATT Lab | Contact Us | © 2008 - 2012

Sep 05, 2012 - 9:04 AM



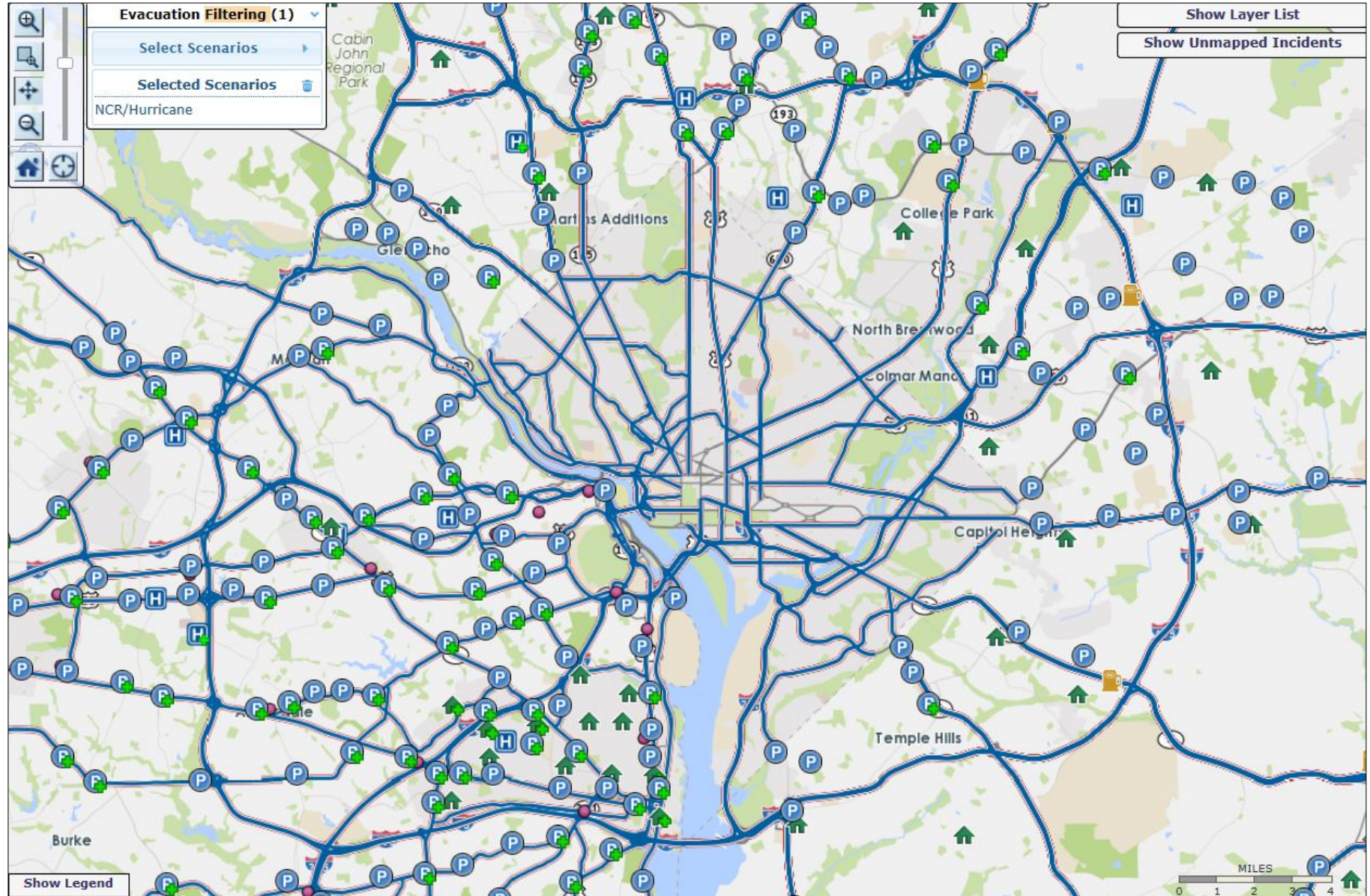
Emergency contingency plans can be stored as layers in RITIS, for wide distribution and easy access to help coordinate an event response (see also *RITIS Meeting*). Later, RITIS reports that show what happened can be used for after-action review and updating the plans.



Evacuation Support

Evacuation Support Sub-Layers

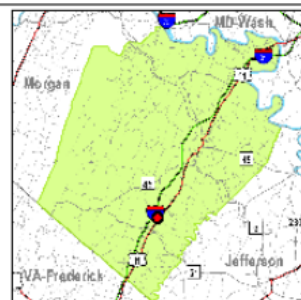
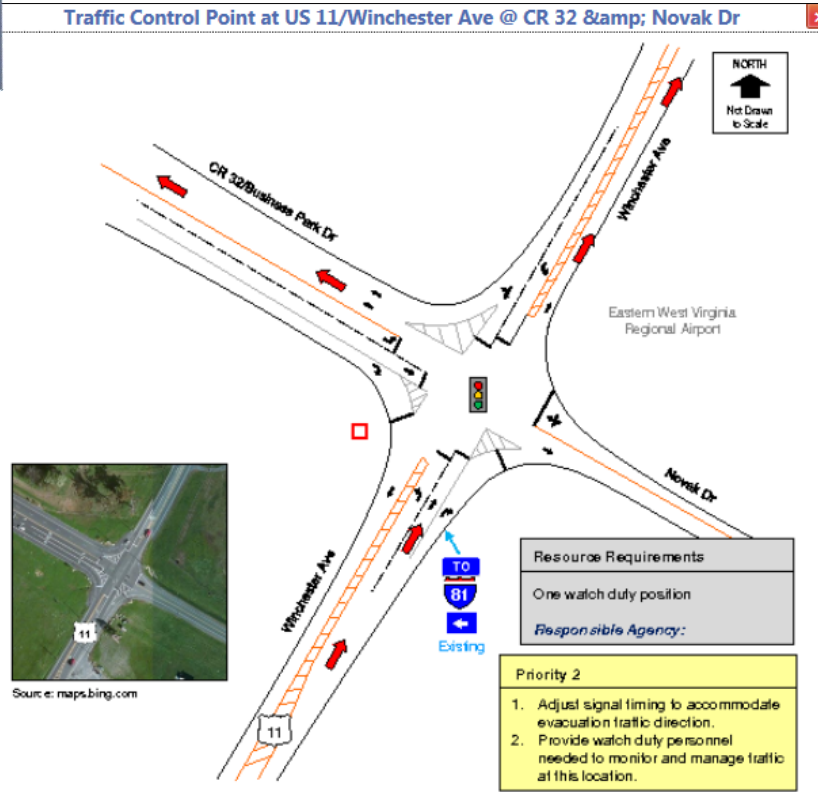
- ☒ Staging Areas
- ☒ Comfort Station/Travel Services
- ☒ Public Shelters
- ☒ Hospitals
- ☒ Traffic Control Points
- ☒ Gov't Vehicle Fueling Stations
- ☒ Evacuation Routes



Evacuation Support

Traffic Control Point at US 11/Winchester Ave @ CR 32 & Novak Dr

US 11/Winchester Ave @ CR 32 & Novak Dr
1-267 Novak Dr
WV 25405
Berkeley County
NCR/Hurricane



- KEY**
- Personnel
 - Road Block
 - Cones / Barrels
 - Traffic signal
 - Evac Traffic
 - Traffic Lane
- Deploy indicated traffic control devices as resources permit

FINAL DRAFT
FOR OFFICIAL USE ONLY
NO PUBLIC RELEASE

Berkeley County
NCR/Hurricane
Scenario

TCP 02-T04
US 11/
Winchester Ave @
CR 32 & Novak Dr

Area at Langley Park Shopping Center

PG-S84: MD 193 (University Blvd) WB

Staging Area at Langley Park Shopping Center

4 of 6
PREV BACK TO LIST NEXT

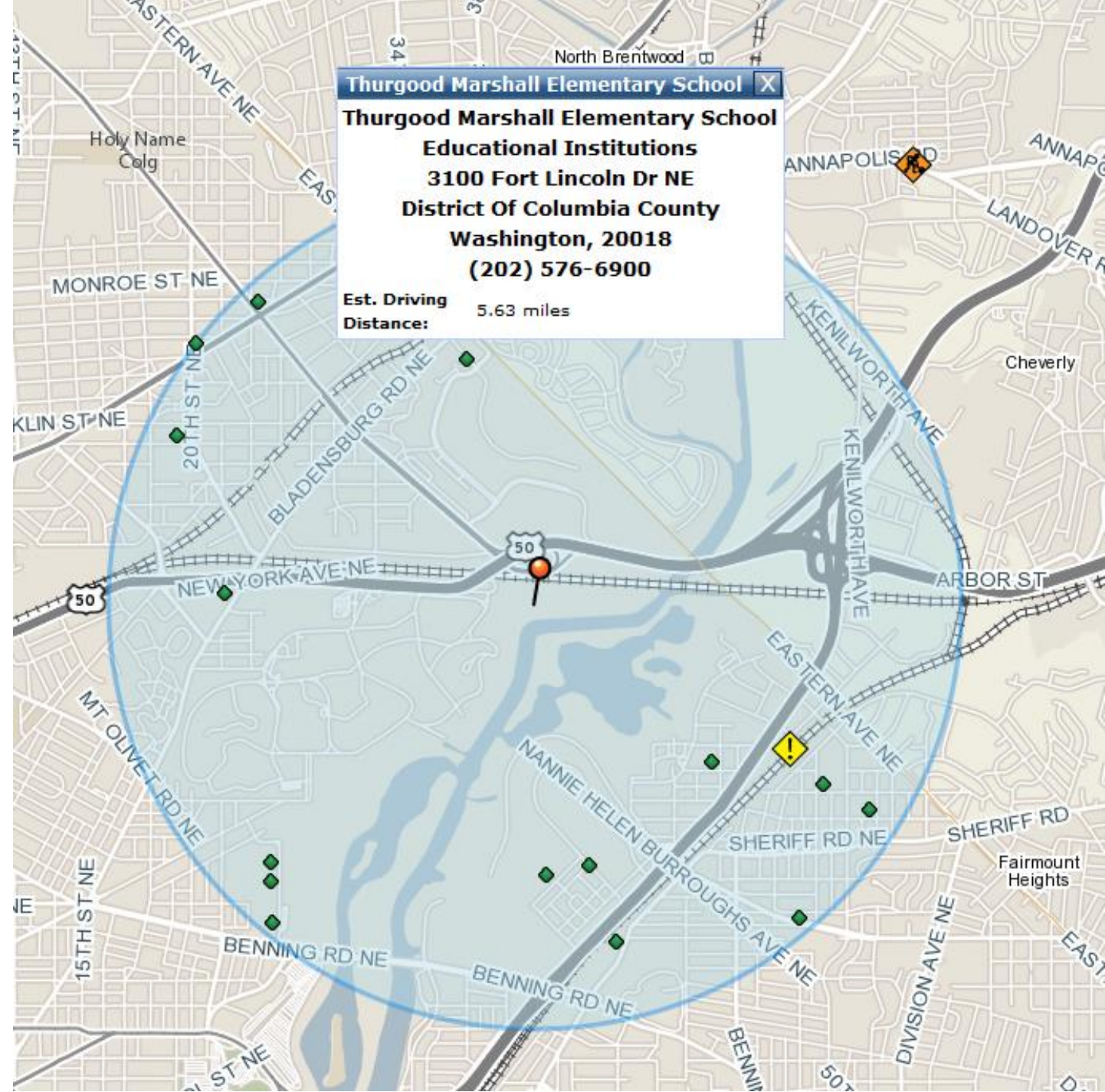
Langley Park Shopping Center
7901 New Hampshire Ave
Langley Park Cdp, MD
Prince George's County
Function: Shopping Center Parking
Surface Type: Paved
Avail. Space: 396
Lot Size: Medium
Truck Access: No
Area Information



PG-S84

National Points of Interest Database

- HazMat incidents
- Locating Resources
- Addresses
- Phone Numbers



Chat & File Sharing Functionality

Taran Hutchinson – RITIS Chat

US 29 NORTH AT TECH RD

(5:05:01 PM) John Minisi has entered the room

(4:52:49 PM) The topic is: Fatalities Involved at US 29 NORTH AT TECH RD

(4:54:37 PM) Taran Hutchinson: Look for associated media; Waze, Twitter, News Outlets, etc

(4:55:28 PM) Taran Hutchinson: If appropriate we can upload incidents to incident timeline

(4:55:32 PM) John Minisi: @ClohertyWTOP has posted a picture of the incident scene, I saved a copy for future reference

2 people in the room

John Minisi (RITIS – MAT...)

Taran Hutchinson

+ Invite a User

Start Entering a Name

Send

Welcome Michael Pack!

Use Night Colors Fullscreen

Status Room List Sign Out

Search

RITIS - DC HSEMA

bobby smith

RITIS - DHS

FEMA NWC-NCR

RITIS - FDOT Contractors

Kathryn Ortega

RITIS - Federal Reserve Boa...

John Nash

RITIS - JFHQ-NCR-NorthCom

William Hegedusich

RITIS - Maryland State Poli...

Quindell Hudson

RITIS - MATOC

MATOC Instructor

Valerie Weeks

William Truong

RITIS - MD SHA

CHART GenericUser

Mohammed Raqib

RITIS - MEMA or MIEMS

Jordan Nelms

RITIS - Metric Engineering

Mark Askins

RITIS - Montgomery County

Matthias Mizioroko

RITIS - pa.gov

Shawn Sanders

RITIS - PRTC / OmniRide

Doris Chism

RITIS - US Army

Kenneth Lyons

RITIS - US DOT

Richard Jurey

RITIS - VDOT

Nancy Jones

Tonya Vaughan

All conversations on RITIS Chat are logged.

RITIS - DHS

FEMA NWC-NCR

RITIS - Maryland State Poli...

Jeffrey Dean

Justin Zimmerman

Phillip Nickerson

Wayne Santmyer

William Forte

RITIS - MATOC

Kelly Taylor

RITIS - Michigan DOT

Jennifer Foley

RITIS - Missouri DOT

Jonathan Nelson






RITIS - NJIT



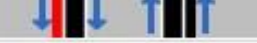









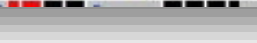
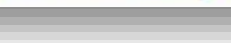
Branislav Dimitrijevic

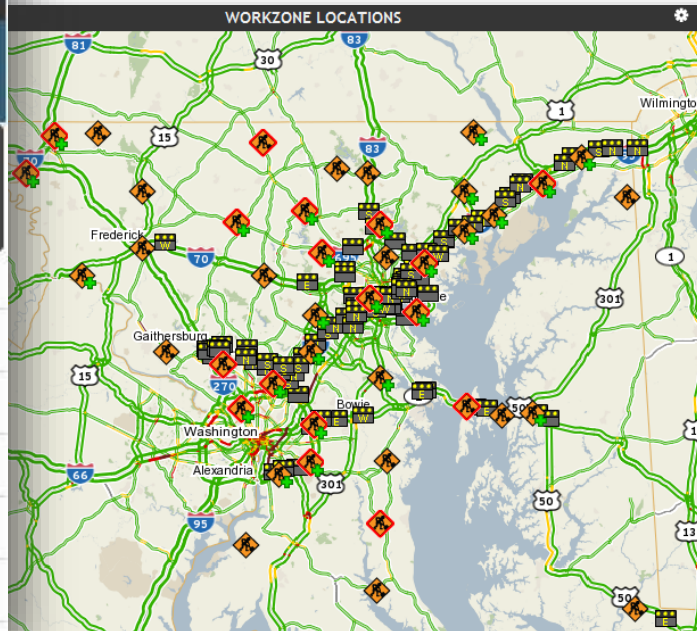
RITIS - VDOT

Russell Davenport



CURRENT WORKZONES IN MARYLAND			
REGION/EVENT	# OF NEARBY INCIDENTS ⁱ	QUEUE LENGTH (MI) ⁱ	USER DELAY COST (\$) ⁱ
▼ Maryland (74)	627	4.2	\$94,701,991
▼ Carroll (3)	0	0.2	\$128
 MD 30 SOUTH/NORTH BETWEEN BRODBECK RD A...	0	0	\$0
 MD 27 NORTH AT GROVES MILL RD	0		\$4
 MD 140 EAST/WEST AT DEDE RD	0		\$124
▼ Cecil (2)	0	0.8	\$200

CRITICAL WORKZONES		
LANE STATUS	QUEUE LENGTH (MI) ⁱ	USER DELAY COST (\$) ⁱ
	4.2	\$94,701,991
		\$112
		\$104
		\$1,537
		\$259,124
		\$120
		\$216
		\$11,569



USER DELAY COST BY CORRIDOR AND DAY OF WEEK					
	Total User Delay Cost				
	I-95	I-695	US-50	I-70	Daily Totals
Wed 4/09/2014	\$2,678,358.64	\$626,606.88	\$229,861.28	\$48,652.15	\$3,583,478.94
Thu 4/10/2014	\$1,239,852.54	\$1,050,702.81	\$301,406.33	\$77,104.65	\$2,669,066.33
Fri 4/11/2014	\$1,806,342.05	\$1,105,801.53	\$474,634.47	\$107,010.25	\$3,493,788.29
Sat 4/12/2014	\$3,367,462.75	\$179,057.99	\$107,675.02	\$6,721.70	\$3,660,917.46
Sun 4/13/2014	\$2,548,281.10	\$37,468.98	\$83,927.57	\$8,015.17	\$2,677,692.82
Mon 4/14/2014	\$2,661,674.91	\$323,977.01	\$198,868.28	\$184,730.13	\$3,369,250.33
Tue 4/15/2014	\$2,838,798.60	\$905,736.49	\$258,710.91	\$125,311.87	\$4,128,557.87
Wed 4/16/2014	\$2,937,018.16	\$500,186.92	\$212,687.02	\$83,203.90	\$3,733,096.00
Corridor Totals	\$20,077,788.75	\$4,729,538.59	\$1,867,770.87	\$640,749.82	Grand Total: \$27,315,848.03

Weekend

Lowest

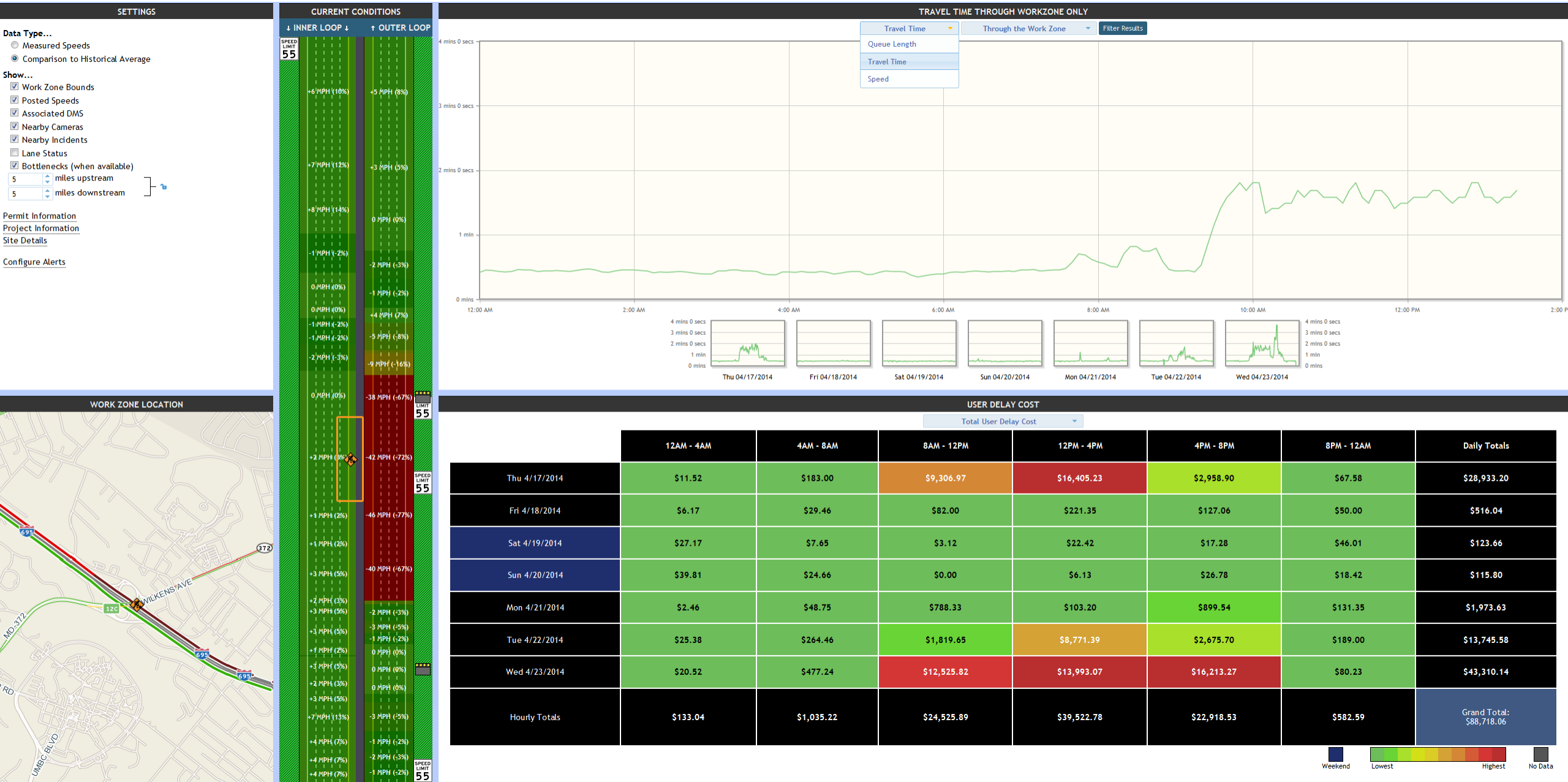
Highest

No Data

Individual Work Zone

Planned Closure @ I-695 INNER LOOP BETWEEN EXIT 12 MD 372 WILKENS AVE AND EXIT 13 MD 144 FREDERICK RD

Started: Thu, Apr 24, 2014 at 09:24:56 AM



TRAVEL TIME THROUGH WORKZONE ONLY

Travel Time

Queue Length

Travel Time

Speed

Through the Work Zone

Filter Results

4 mins 0 secs

3 mins 0 secs

2 mins 0 secs

1 min

0 mins

12:00 AM

2:00 AM

4:00 AM

6:00 AM

8:00 AM

10:00 AM

12:00 PM

2:00 PM

4 mins 0 secs

3 mins 0 secs

2 mins 0 secs

1 min

0 mins

Thu 04/17/2014

Fri 04/18/2014

Sat 04/19/2014

Sun 04/20/2014

Mon 04/21/2014

Tue 04/22/2014

Wed 04/23/2014

4 mins 0 secs

3 mins 0 secs

2 mins 0 secs

1 min

0 mins

WORK ZONE LOCATION

USER DELAY COST

Total User Delay Cost

	12AM - 4AM	4AM - 8AM	8AM - 12PM	12PM - 4PM	4PM - 8PM	8PM - 12AM	Daily Totals
Thu 4/17/2014	\$11.52	\$183.00	\$9,306.97	\$16,405.23	\$2,958.90	\$67.58	\$28,933.20
Fri 4/18/2014	\$6.17	\$29.46	\$82.00	\$221.35	\$127.06	\$50.00	\$516.04
Sat 4/19/2014	\$27.17	\$7.65	\$3.12	\$22.42	\$17.28	\$46.01	\$123.66
Sun 4/20/2014	\$39.81	\$24.66	\$0.00	\$6.13	\$26.78	\$18.42	\$115.80
Mon 4/21/2014	\$2.46	\$48.75	\$788.33	\$103.20	\$899.54	\$131.35	\$1,973.63
Tue 4/22/2014	\$25.38	\$264.46	\$1,819.65	\$8,771.39	\$2,675.70	\$189.00	\$13,745.58
Wed 4/23/2014	\$20.52	\$477.24	\$12,525.82	\$13,993.07	\$16,213.27	\$80.23	\$43,310.14
Hourly Totals	\$133.04	\$1,035.22	\$24,525.89	\$39,522.78	\$22,918.53	\$582.59	Grand Total: \$88,718.06

Weekend

Lowest

Highest

No Data

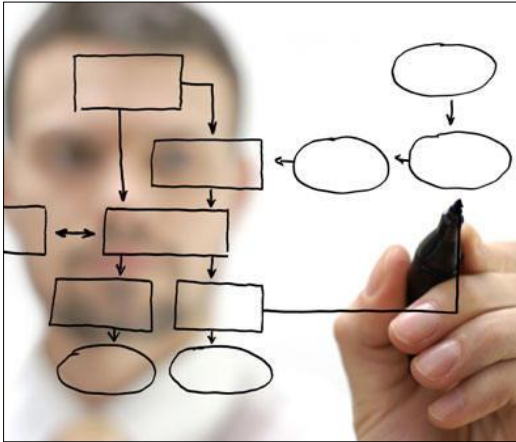
RITIS for collaborative decision-making



The RITIS Meeting tool provides a hassle-free way to conference up to 300 participants before, during, and after major events.

RITIS has Many Uses & Users

> Planning Examples



Problem Identification



Before, During & After Studies



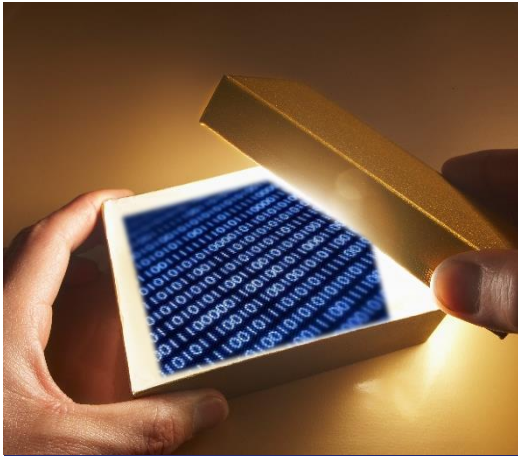
Performance Measures



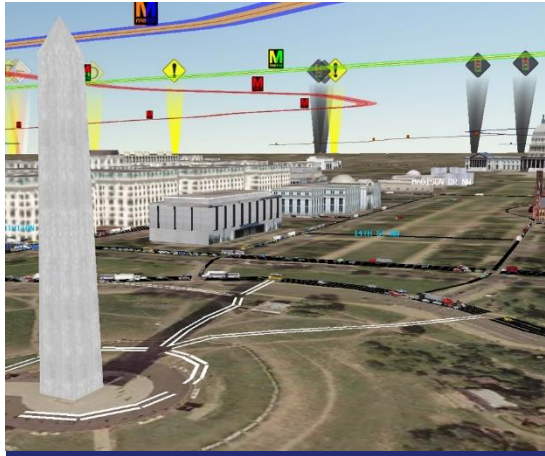
MAP-21 Reporting & Analysis

RITIS has Many Uses & Users

> Research Examples



Ease of Access



Data Visualization



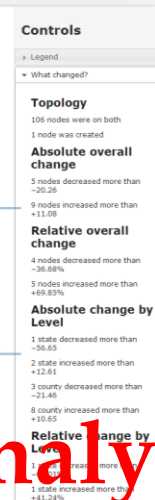
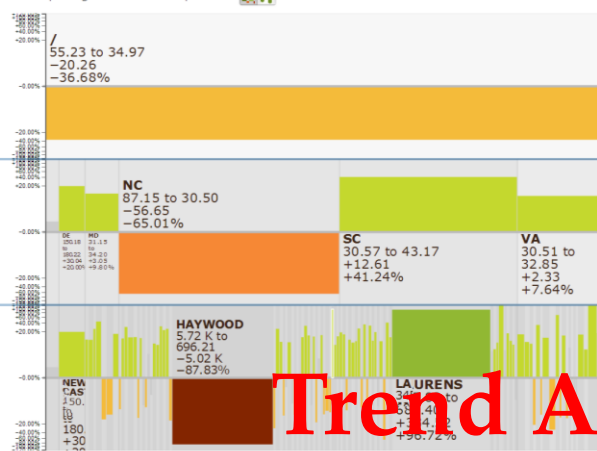
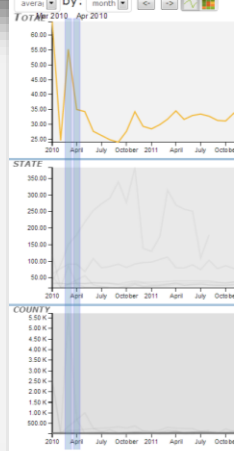
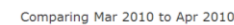
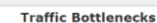
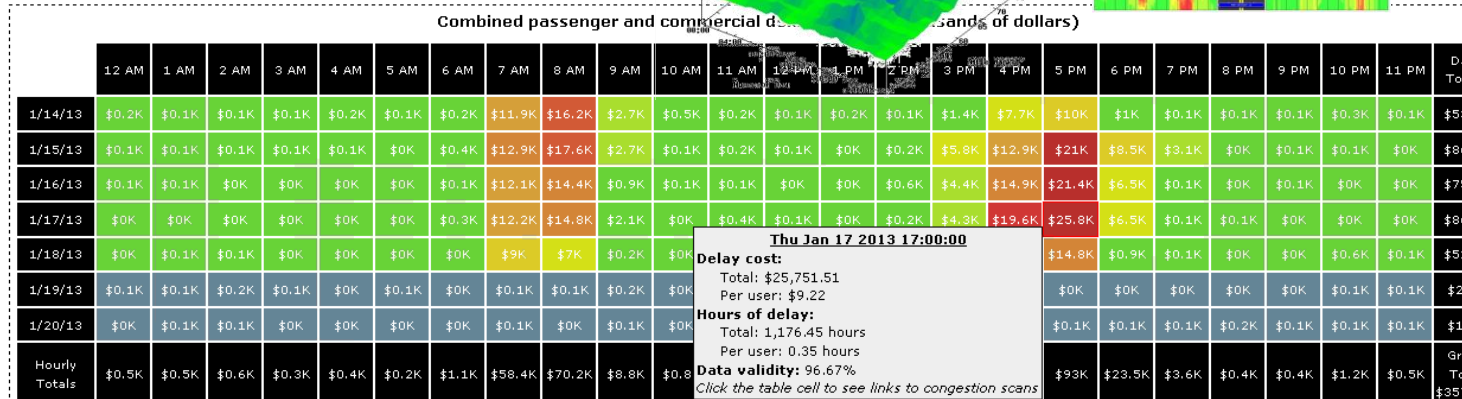
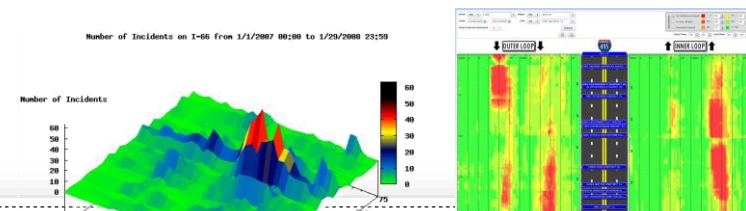
Big-Data Fusion



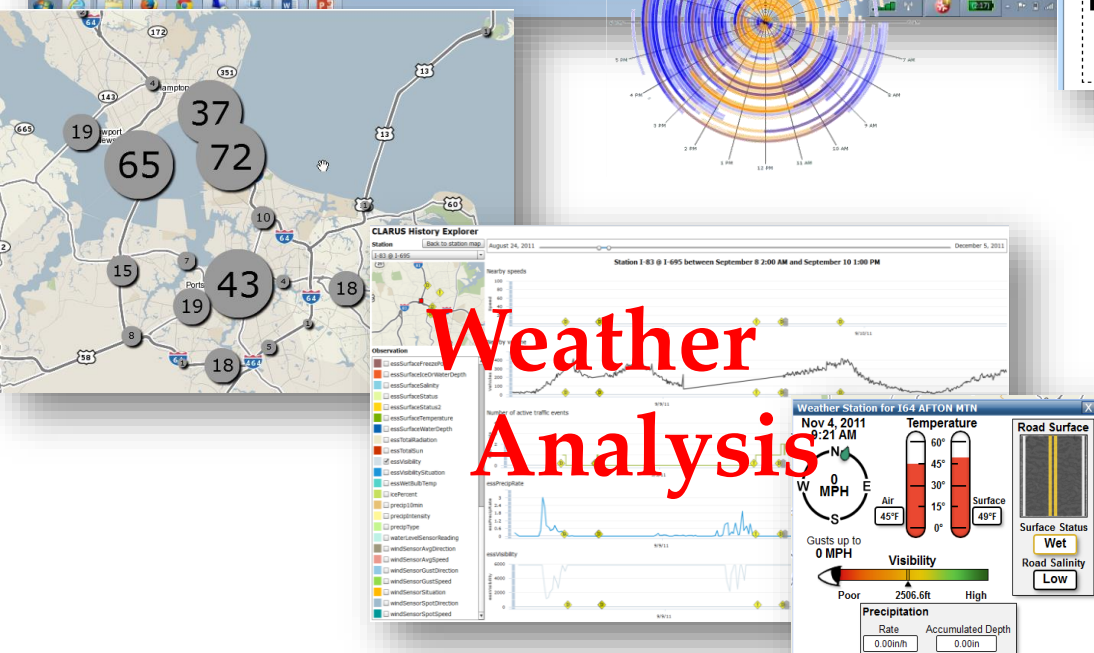
Congestion, weather, safety
etc. fused together

Planning & Research

Congestion Analysis



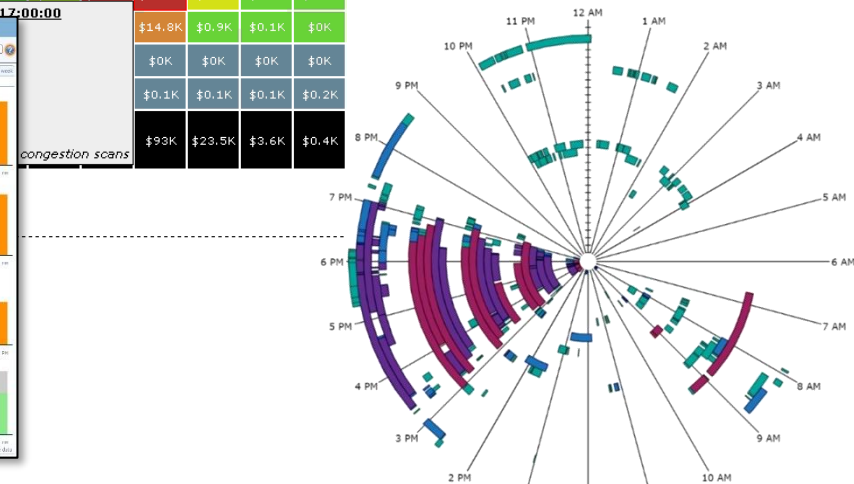
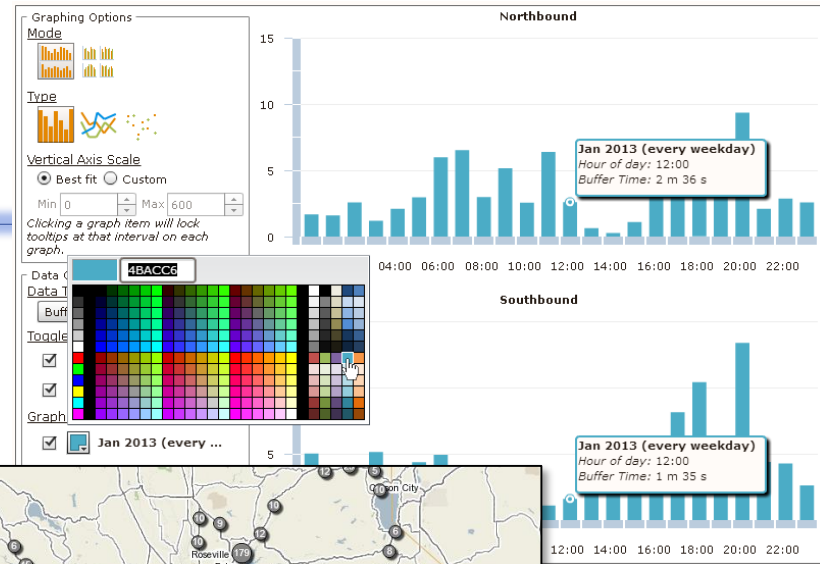
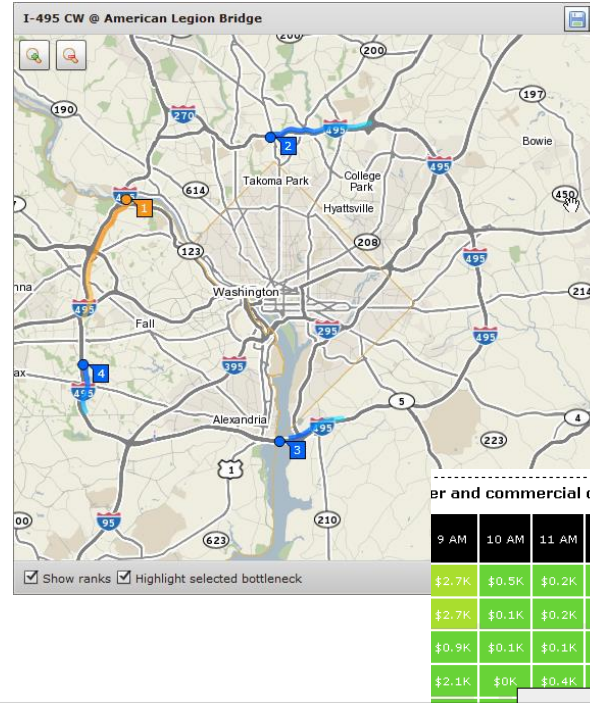
Weather Analysis



Trend Analysis & MAP-21 Reporting

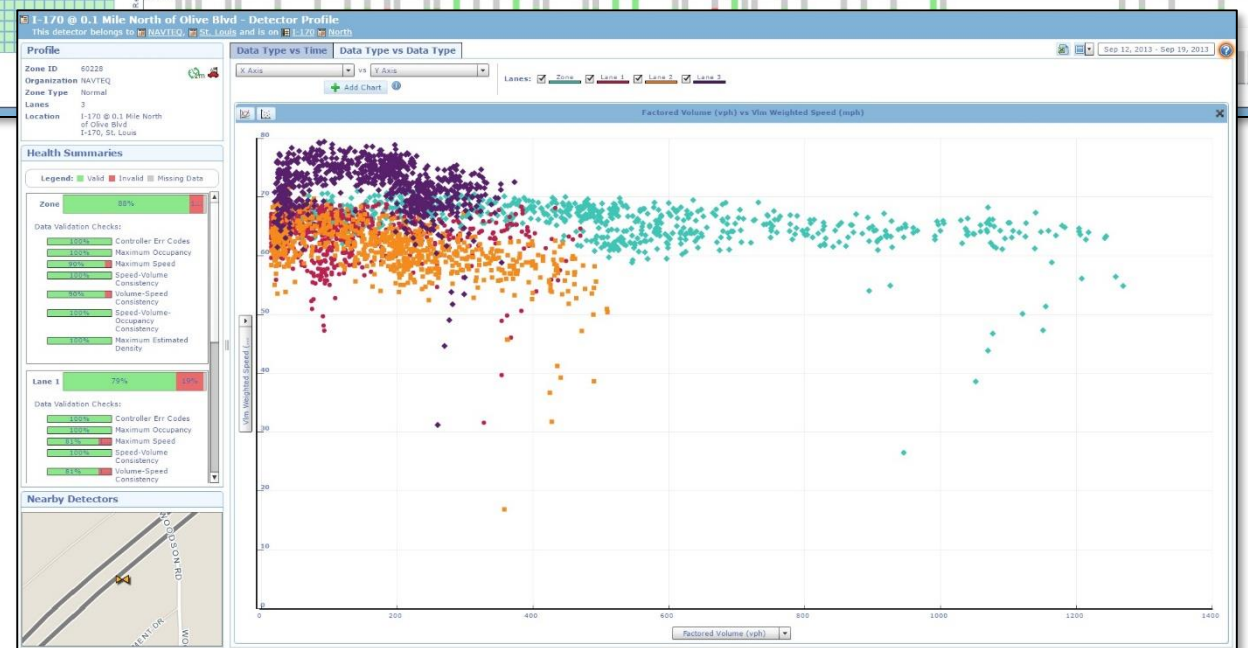
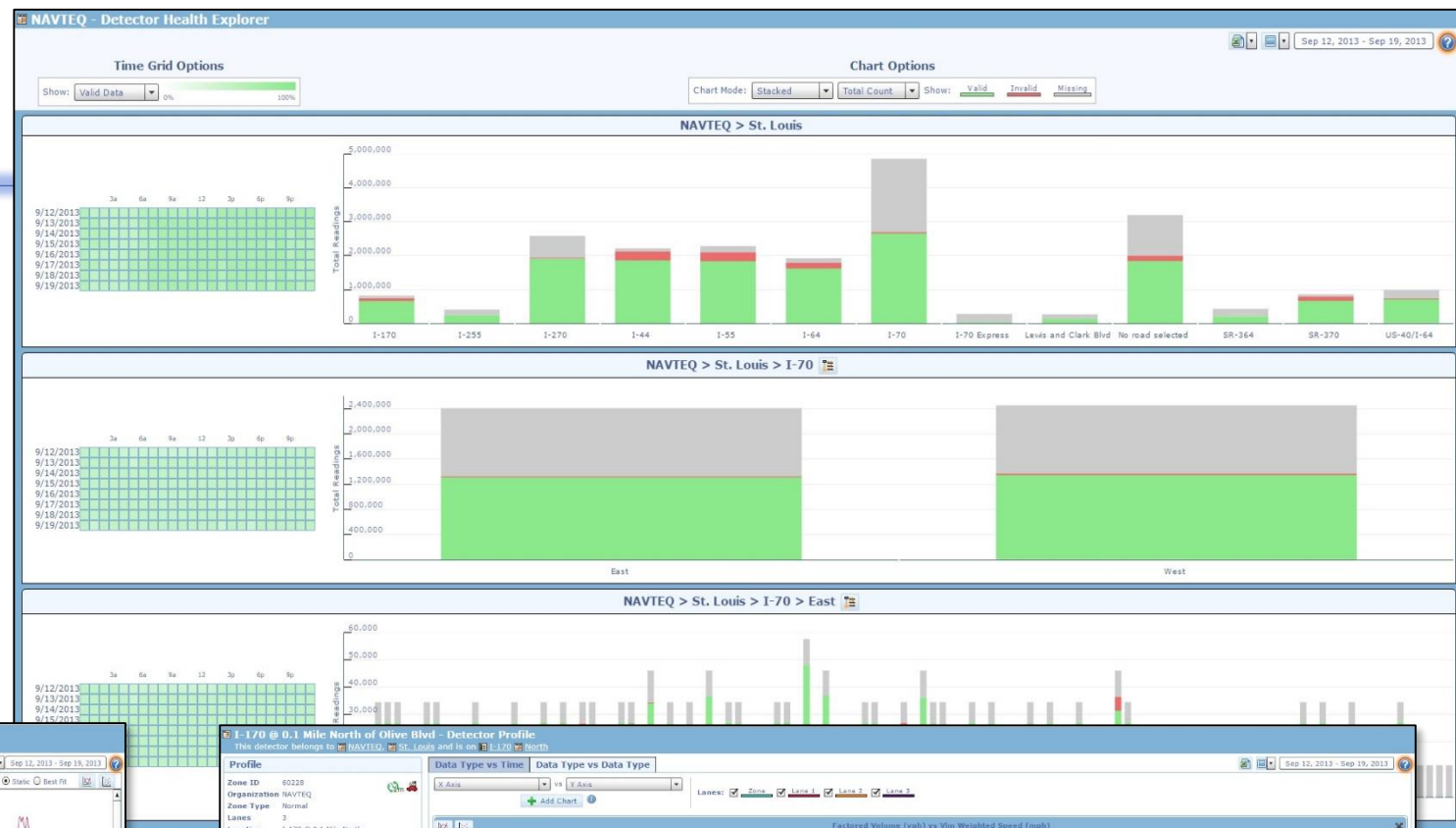
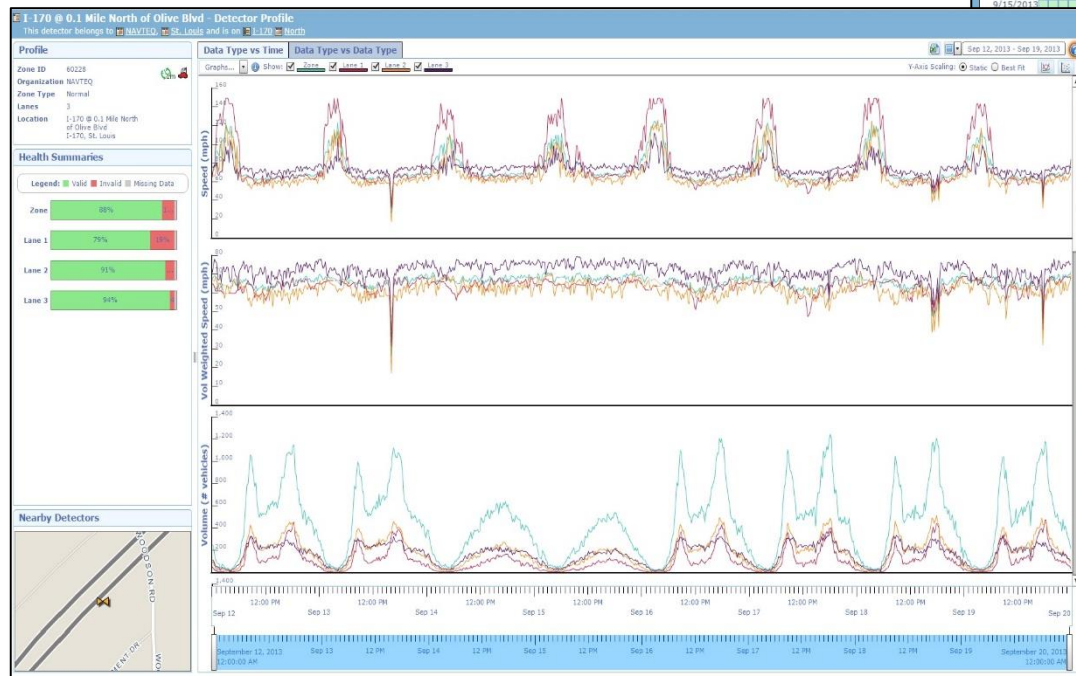
Congestion Reporting Examples

- System Performance Reporting
- Problem Identification
- Project Prioritization
- After Action Incident Review
- Before & After Studies
- Operations

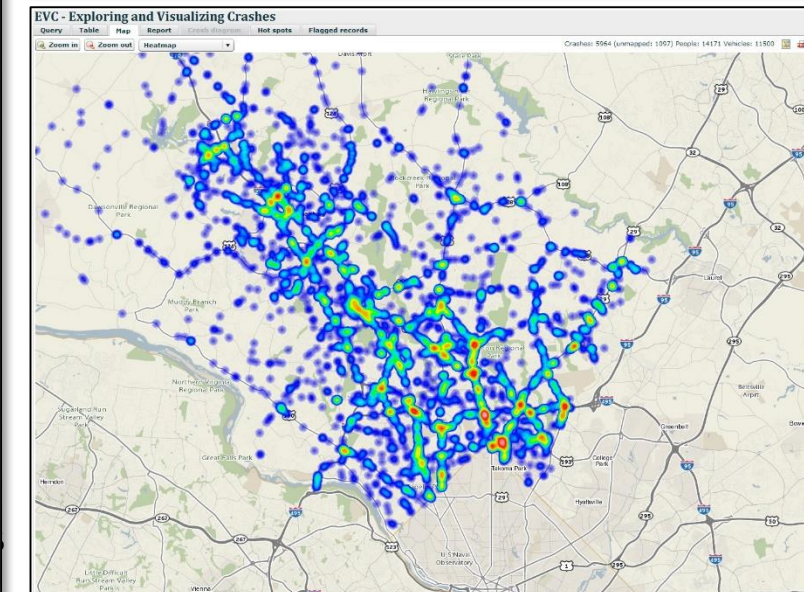
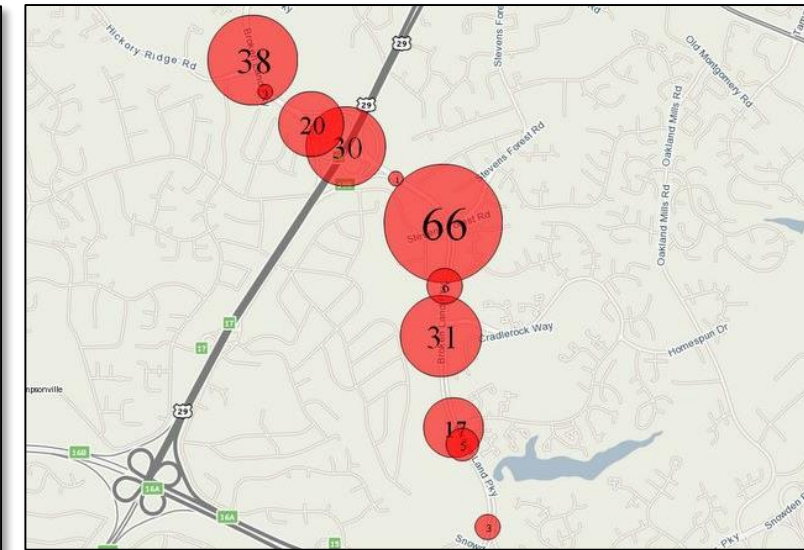
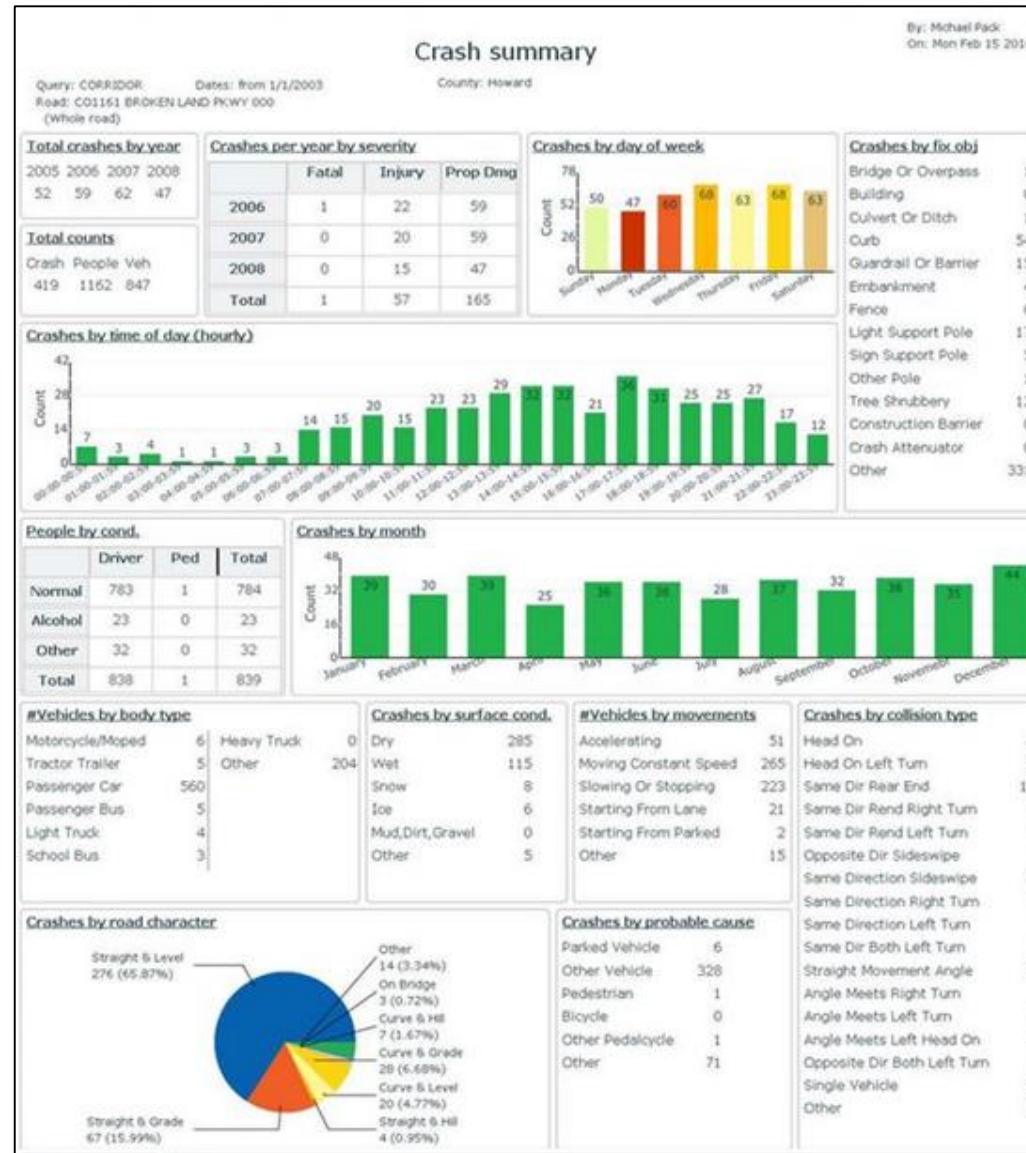
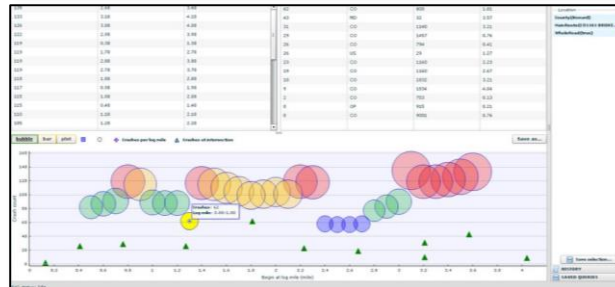
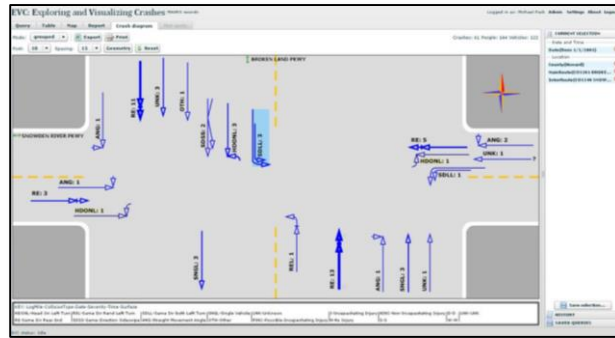


Congestion Reporting

- Travel Time Analysis
- Work Zone Monitoring
- Detector Health & Maintenance



ATMS & Safety Data Analysis & Reporting



RITIS has Many Uses & Users

> Traveler Information



Cross-border
511 Enabling



State/Local,
Crowd-sourced,
Transit/Weather

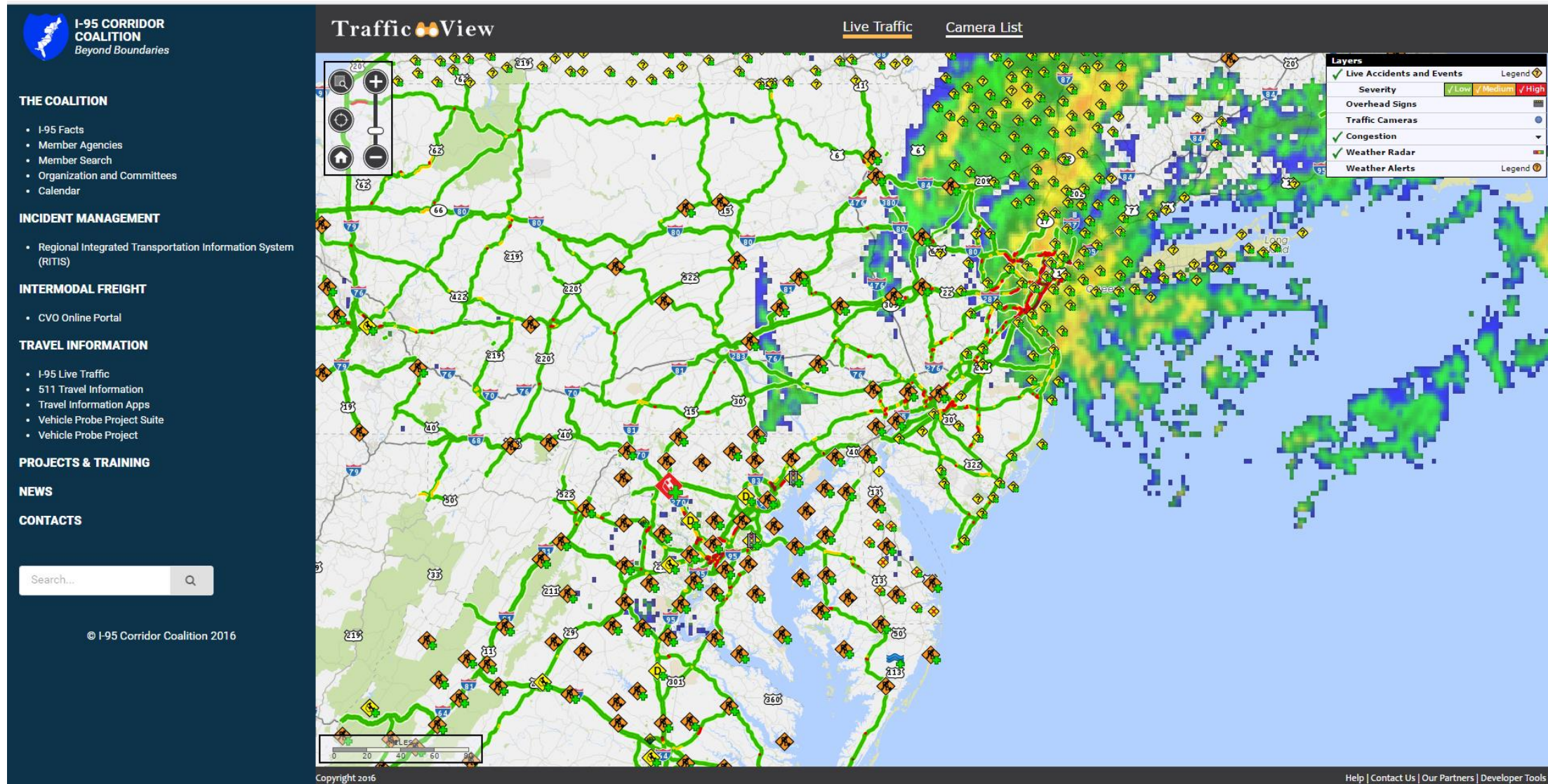


Press Releases &
Communication

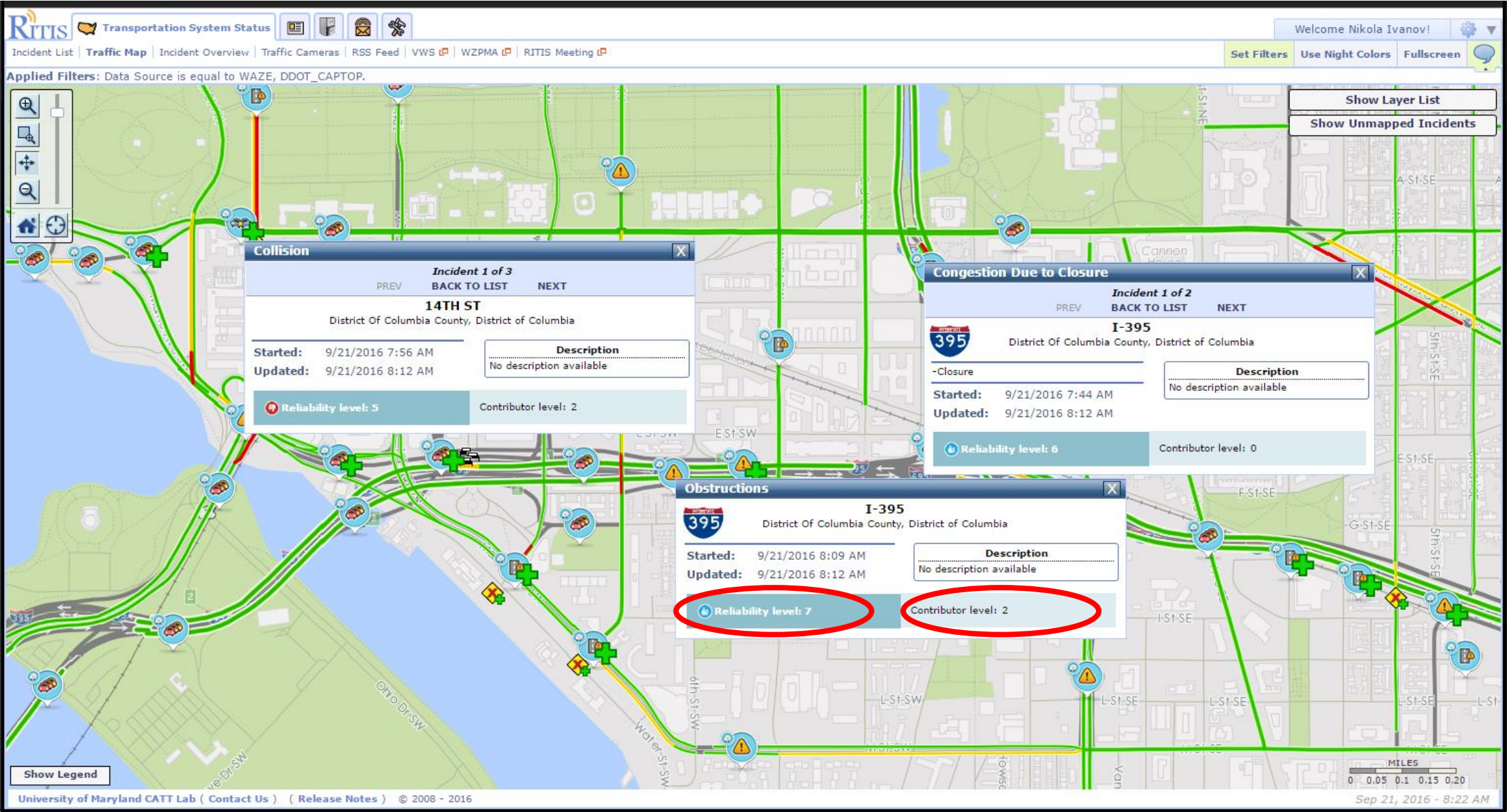


TrafficView white-
labeling

TrafficView & Cross-border 511

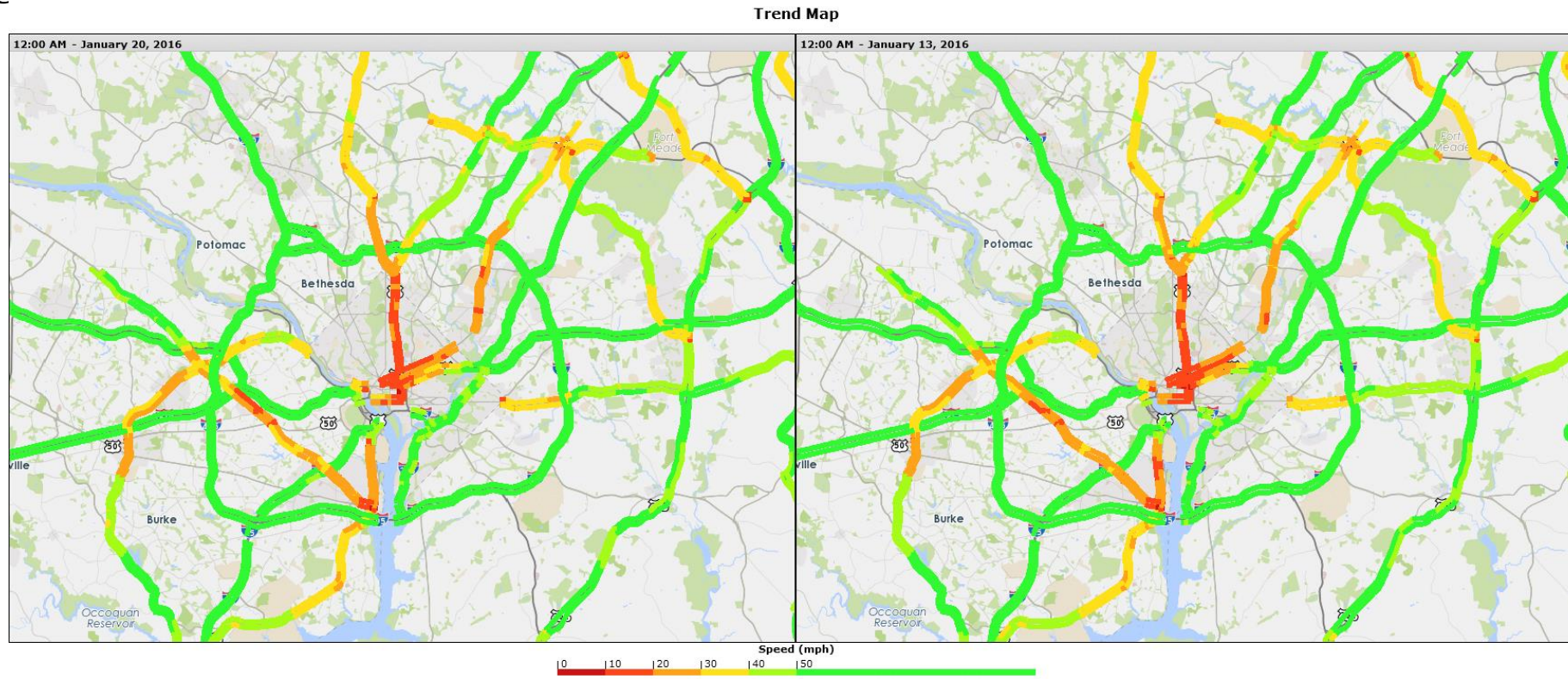


Crowd-sourced Data Integration for SA & Trav Info



Press Releases & Communication

- RITIS as an investigative option for PIOs
- RITIS answers questions FAST!
- RITIS generates easy to understand graphics
- Many graphics can be exported or embedded



Real-world use cases

Some examples of how RITIS is helping agencies do their job:

- > Performance-based planning (SJTPO)
- > DC Metrorail shutdown impact (MWCOG)
- > Winter storm impact analysis (MWCOG)
- > Papal visit to Philadelphia (PennDOT)
- > Mobility reporting (Maryland SHA)
- > Work zone travel time monitoring (NCDOT)
- > Amtrak derailment impacts (DVRPC)
- > I-95 reconstruction in Philadelphia (PennDOT)



Things we're working on

- Connected Vehicles Data Integration
- HD Signal Systems Data Integration
 - SPaT
 - Reidentification / Origin-Destinations,
 - Travel Times)
- Work Zone Performance Management App (for all of Coalition)

In the spotlight...

Using RITIS for Regional Traffic Management

Taran Hutchinson, MATOC Facilitator

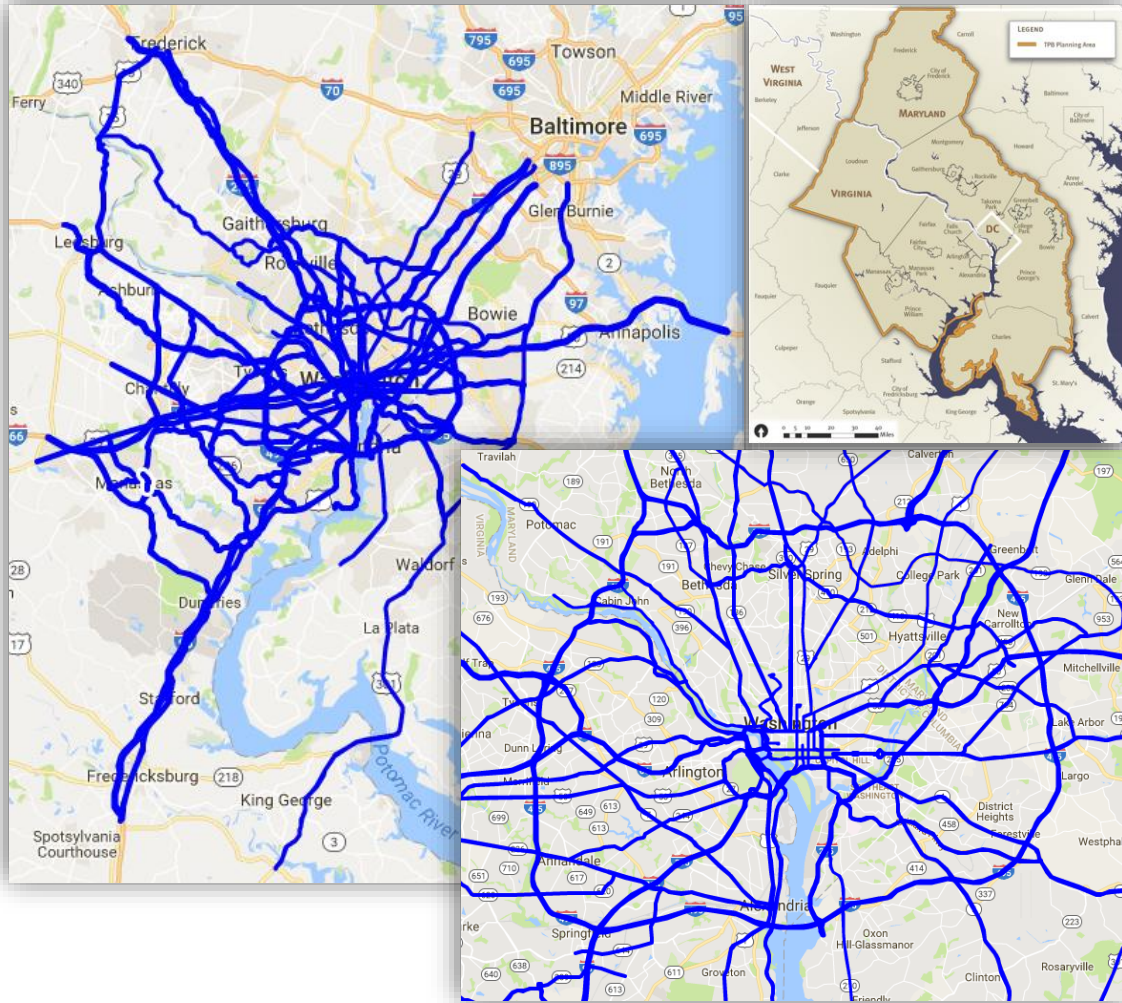


MATOC Mission and Operations

- A joint program between DC DOT, Maryland DOT , Virginia DOT, & WMATA to improve **inter-agency** information sharing and coordination
 - Regional focus on **DOT Operations** and **Traffic Incident Management**
- MATOC's mission is to provide **situational awareness** of transportation operations in the **National Capital Region (NCR)**
- **Develop tools and processes** that enables operating agencies and the traveling public to make appropriate decisions
- The **Regional Integrated Transportation Information System (RITIS)** is MATOC's core tool to support its day-to-day operations



MATOC Area of Interest



Routes monitored by MATOC

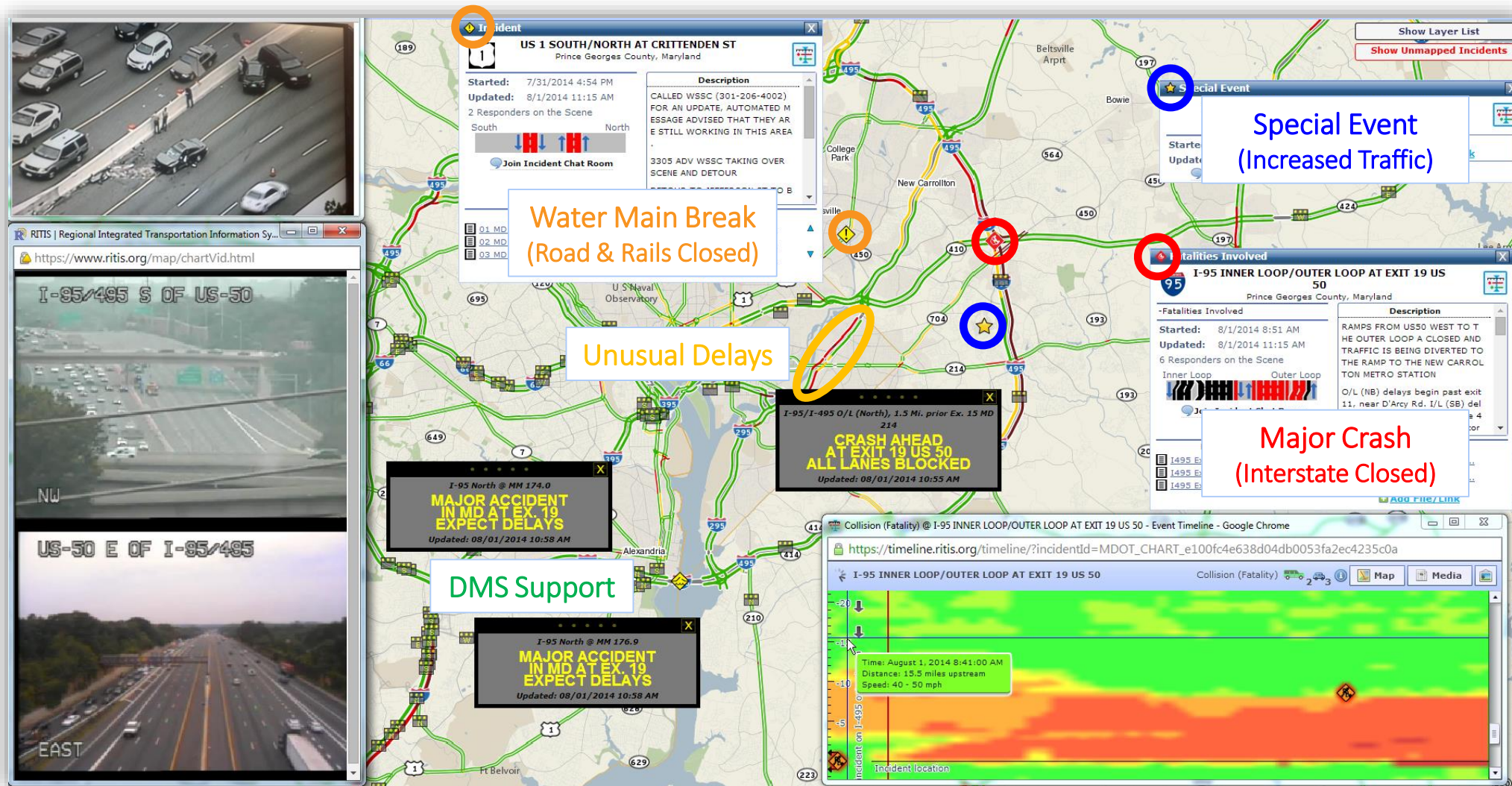
- National Capital Region “+1”
 - Coverage expands/contracts based on several factors; time of day, weather, planned events, etc.
- Focus Areas
 - Interstates and major arterials
 - Jurisdictional borders and river crossings
 - Incidents or events that may impact multiple jurisdictions or transportation modes
- MATOC member agency systems cover the majority of this network, **all accessible through RITIS**

MATOC Operations, College Park, MD

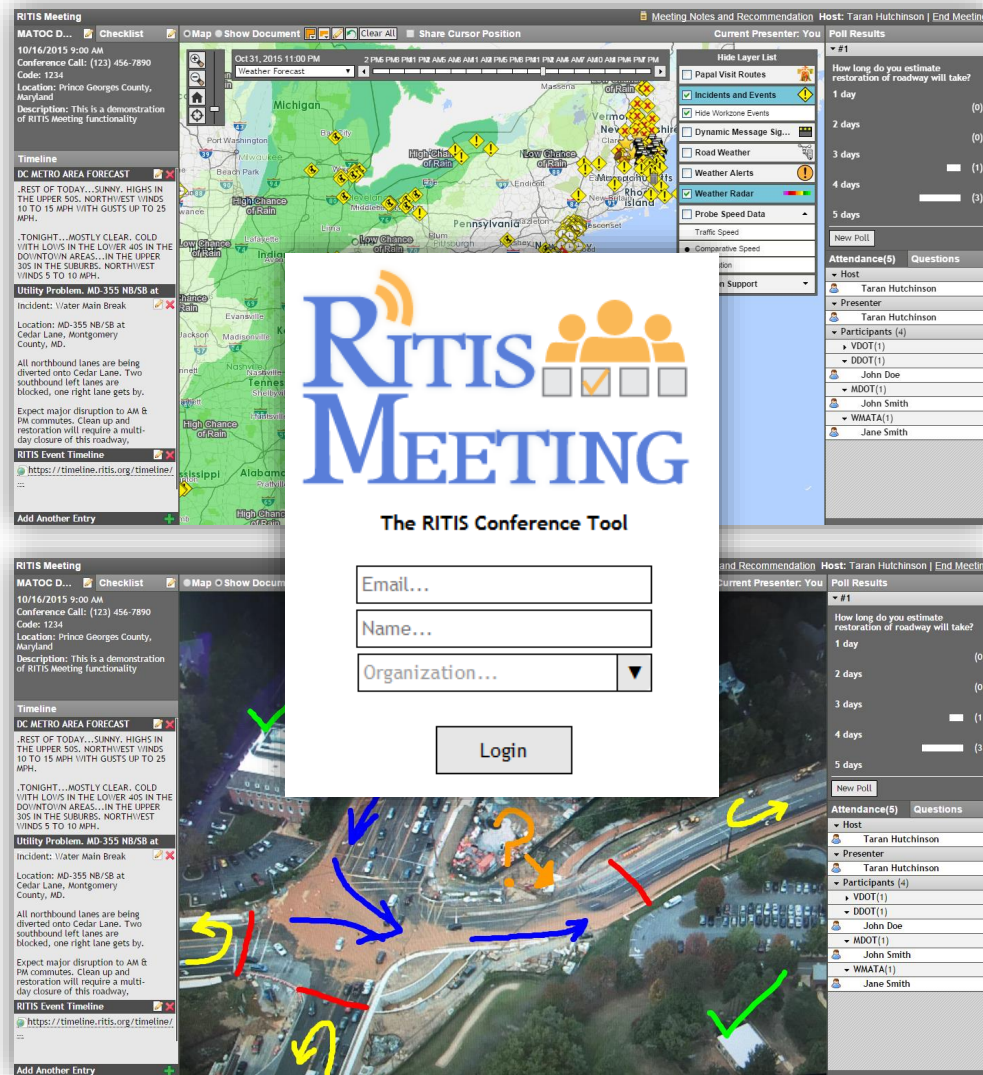


- Hours of Operation
 - Monday-Friday: 4:30am-8:00pm
 - After Hours & Weekends: On-Call
- MATOC Staff monitor **Regional Integrated Transportation Information System (RITIS)** and other public safety/emergency management applications
- Serves as a **transportation watch desk / information clearing house / resource desk** for its stakeholders
- RITIS provides users a **common operating picture** of a region's transportation network
 - Puts MATOC Staff in a position of identifying **actions/responses** that would be helpful when transportation incidents occur in the NCR

Connecting the DOTs



RITIS Meeting



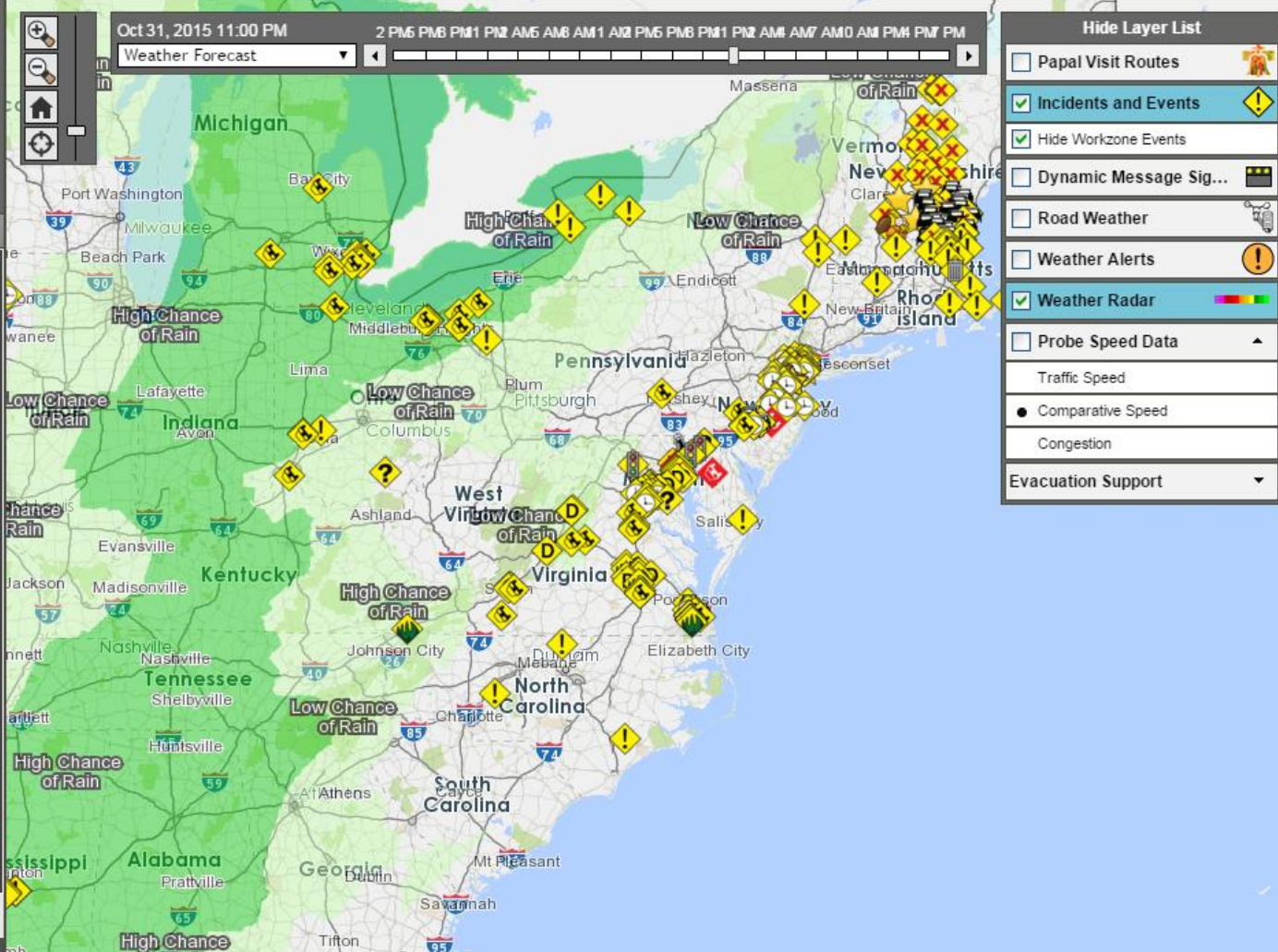
- A “Collaborative Decision Tool”
- Used regularly by MATOC to streamline coordination efforts related to severe weather event and major traffic incidents
- Simple RITIS-based webinar function that allows for:
 - Faster call/meeting management
 - Works on all internet browsers, no plugins
 - Attendee roll call
 - Multiple-presenter functionality
 - Shared view of an event or incident
 - Interactive mapping, document and image sharing, drawing functions
 - Document meeting minutes
 - Allows for open and transparent decision-making (e.g., real-time polling)
 - Participants receive a PDF meeting summary at the conclusion of the meeting

RITIS Meeting (For Weather Events)

RITIS Meeting
MATOC D... **Checklist** **OMap** **Show Document** **Clear All** **Share Cursor Position**
10/16/2015 9:00 AM
Conference Call: (123) 456-7890
Code: 1234
Location: Prince Georges County, Maryland
Description: This is a demonstration of RITIS Meeting functionality

Timeline
DC METRO AREA FORECAST
.REST OF TODAY...SUNNY. HIGHS IN THE UPPER 50S. NORTHWEST WINDS 10 TO 15 MPH WITH GUSTS UP TO 25 MPH.
.TONIGHT...MOSTLY CLEAR. COLD WITH LOWS IN THE LOWER 40S IN THE DOWNTOWN AREAS...IN THE UPPER 30S IN THE SUBURBS. NORTHWEST WINDS 5 TO 10 MPH.
Utility Problem. MD-355 NB/SB at
Incident: Water Main Break
Location: MD-355 NB/SB at Cedar Lane, Montgomery County, MD.
All northbound lanes are being diverted onto Cedar Lane. Two southbound left lanes are blocked, one right lane gets by.
Expect major disruption to AM & PM commutes. Clean up and restoration will require a multi-day closure of this roadway,
RITIS Event Timeline
<https://timeline.ritis.org/timeline/>
Add Another Entry

Oct 31, 2015 11:00 PM
Weather Forecast
2 PM 6 PM 1 PM 1 PM 2 AM 6 AM 1 AM 1 AM 2 PM 6 PM 1 PM 1 PM 2 AM 6 AM 1 AM 1 AM 2 PM 6 PM 1 PM 1 PM



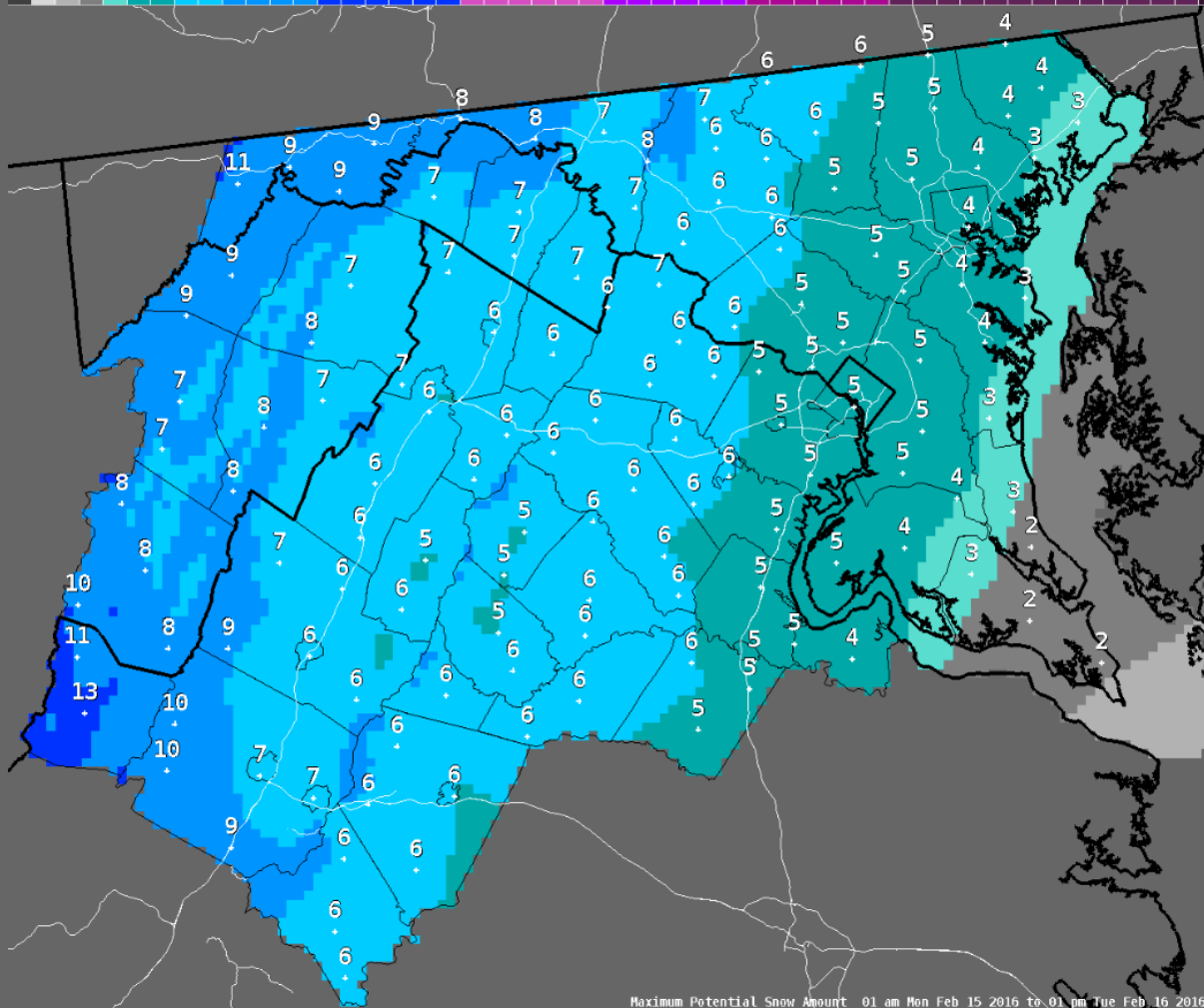
Hide Layer List
☐ Papal Visit Routes
☒ Incidents and Events
☒ Hide Workzone Events
☐ Dynamic Message Sig...
☐ Road Weather
☐ Weather Alerts
☒ Weather Radar
☐ Probe Speed Data
Traffic Speed
Comparative Speed
Congestion
Evacuation Support

Meeting Notes and Recommendation **Host: Taran Hutchinson | End Meeting**
Current Presenter: You
Poll Results
#1
How long do you estimate restoration of roadway will take?
1 day (0)
2 days (0)
3 days (1)
4 days (3)
5 days
New Poll
Attendance(5) **Questions**
Host
Taran Hutchinson
Presenter
Taran Hutchinson
Participants (4)
VDOT(1)
DDOT(1)
John Doe
MDOT(1)
John Smith
WMATA(1)
Jane Smith

RITIS Meeting (For Weather Events)

RITIS Meeting
MATOC D... **Checklist** **Map** **Show Document** **Upload Files** **Clear All** **Share Cursor Position**
12/15/2016 9:00 AM
Call Number: (123) 456-7890
Call Code: 12345
Location: Prince Georges County, Maryland
Description: MATOC Severe Weather Working Group Conference Call to discuss current status of the December 15 winter weather event and potential impacts to Friday's commutes.
Timeline
SHOWERS. LOWS IN THE LOWER 20S. NORTH WINDS AROUND 5 MPH...INCREASING TO NORTHWEST 10 TO 15 MPH WITH GUSTS UP TO 25 MPH. CHANCE OF SNOW 20 PERCENT.
.THURSDAY...MOSTLY SUNNY AND BLUSTERY. HIGHS IN THE MID 20S. TEMPERATURES STEADY OR SLOWLY FALLING IN THE AFTERNOON. NORTHWEST WINDS 15 TO 25 MPH WITH GUSTS UP TO 45 MPH.
.THURSDAY NIGHT...MOSTLY CLEAR IN THE EVENING...THEN BECOMING PARTLY CLOUDY. COLD WITH LOWS AROUND 14. WEST WINDS 10 TO 15 MPH.
.FRIDAY...PARTLY SUNNY IN THE MORNING...THEN BECOMING MOSTLY CLOUDY. HIGHS IN THE UPPER 20S. WEST WINDS 5 TO 10 MPH...BECOMING SOUTH IN THE AFTERNOON.
.FRIDAY NIGHT...CLOUDY. A CHANCE OF SNOW IN THE EVENING...THEN SLEET OR FREEZING RAIN WITH SNOW LIKELY AFTER MIDNIGHT. LOWS IN THE MID 20S. SOUTH WINDS 10 TO 15 MPH. CHANCE OF PRECIPITATION 90 PERCENT.
.SATURDAY...RAIN OR FREEZING RAIN. NOT AS COOL WITH HIGHS IN THE UPPER 40S. CHANCE OF PRECIPITATION NEAR 100 PERCENT.
.SATURDAY NIGHT...SHOWERS LIKELY. NOT AS COOL WITH LOWS IN THE MID 40S. CHANCE OF RAIN 60 PERCENT.
Add Another Entry

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 >48



Maximum Potential Snow Amount 01 am Mon Feb 15 2016 to 01 pm Tue Feb 16 2016
Image generated: 12:51 PM Sun Feb. 14, 2016
NWS Baltimore MD/Washington DC

Meeting Notes and Recommendation **Host: Taran Hutchinson | End Meeting**
Current Presenter: You **Poll Results**
▼ Poll #1
Based on the updated forecast and what the field is reporting, is a MWCOG Snow Call for the region needed.
Yes, as soon as possible (1)
No (0)
Yes, but wait until this afternoon or evening. (4)
5 of 5 participants voted
New Poll
Attendance(5) **Questions**
▼ Host
Taran Hutchinson
▼ Presenter
Taran Hutchinson
▼ Participants (4)
MDOT(1)
Bill
VDOT(1)
Jill
DDOT(1)
Dave
WMATA(1)
Bob

RITIS Meeting (For Incidents)

RITIS Meeting

MATOC D...

Checklist

Map

Show Document

Upload Files

Clear All

Share Cursor Position

12/15/2016 9:00 AM

Call Number: (123) 456-7890

Call Code: 12345

Location: Prince Georges County, Maryland

Description: MATOC Severe Weather Working Group Conference Call to discuss current status of the December 15 winter weather event and potential impacts to Friday's commutes.

Timeline

SHOWERS. LOWS IN THE LOWER 20S. NORTH WINDS AROUND 5 MPH...INCREASING TO NORTHWEST 10 TO 15 MPH WITH GUSTS UP TO 25 MPH. CHANCE OF SNOW 20 PERCENT.

.THURSDAY...MOSTLY SUNNY AND BLUSTERY. HIGHS IN THE MID 20S. TEMPERATURES STEADY OR SLOWLY FALLING IN THE AFTERNOON. NORTHWEST WINDS 15 TO 25 MPH WITH GUSTS UP TO 45 MPH.

.THURSDAY NIGHT...MOSTLY CLEAR IN THE EVENING...THEN BECOMING PARTLY CLOUDY. COLD WITH LOWS AROUND 14. WEST WINDS 10 TO 15 MPH.

.FRIDAY...PARTLY SUNNY IN THE MORNING...THEN BECOMING MOSTLY CLOUDY. HIGHS IN THE UPPER 20S. WEST WINDS 5 TO 10 MPH...BECOMING SOUTH IN THE AFTERNOON.

.FRIDAY NIGHT...CLOUDY. A CHANCE OF SNOW IN THE EVENING...THEN SLEET OR FREEZING RAIN WITH SNOW LIKELY AFTER MIDNIGHT. LOWS IN THE MID 20S. SOUTH WINDS 10 TO 15 MPH. CHANCE OF PRECIPITATION 90 PERCENT.

.SATURDAY...RAIN OR FREEZING RAIN. NOT AS COOL WITH HIGHS IN THE UPPER 40S. CHANCE OF PRECIPITATION NEAR 100 PERCENT.

.SATURDAY NIGHT...SHOWERS LIKELY. NOT AS COOL WITH LOWS IN THE MID 40S. CHANCE OF RAIN 60 PERCENT.

Add Another Entry

Meeting Notes

12/14/2016

(11:24 PM) Bill: MDOT is planning to increase to our highest mobilization level for this event.

(11:26 PM) Jill: VDOT's pretreatment of the interstate system has been effective, however we are concerned of icing on the bridges

(11:28 PM) Dave: DDOT crews are reporting delays on southbound I-295 headed to MD and VA/VA. We are considering pulling in contractors to assist agency crews.

11:29 PM Bob: WMATA Metrolink is operating well. Metrolink is

Enter notes here...

Add

Final Recommendation

This will show up in the Meeting Log as the recommended course of action for this event.

Request DOTs to increase mobilization plans ahead of tomorrow evening's winter weather buffet.

Follow up with a MCOG call tomorrow afternoon.

Save Recommendation

Meeting Notes and Recommendation

Host: Taran Hutchinson | End Meeting

Current Presenter: You

Poll Results

Poll #1

Based on the updated forecast and what the field is reporting, is a MCOG Snow Call for the region needed.

Yes, as soon as possible

No

Yes, but wait until this afternoon or evening.

5 of 5 participants voted

New Poll

Attendance(5)

Questions

Host

Taran Hutchinson

Presenter

Taran Hutchinson

Participants (4)

MDOT(1)

Bill

VDOT(1)

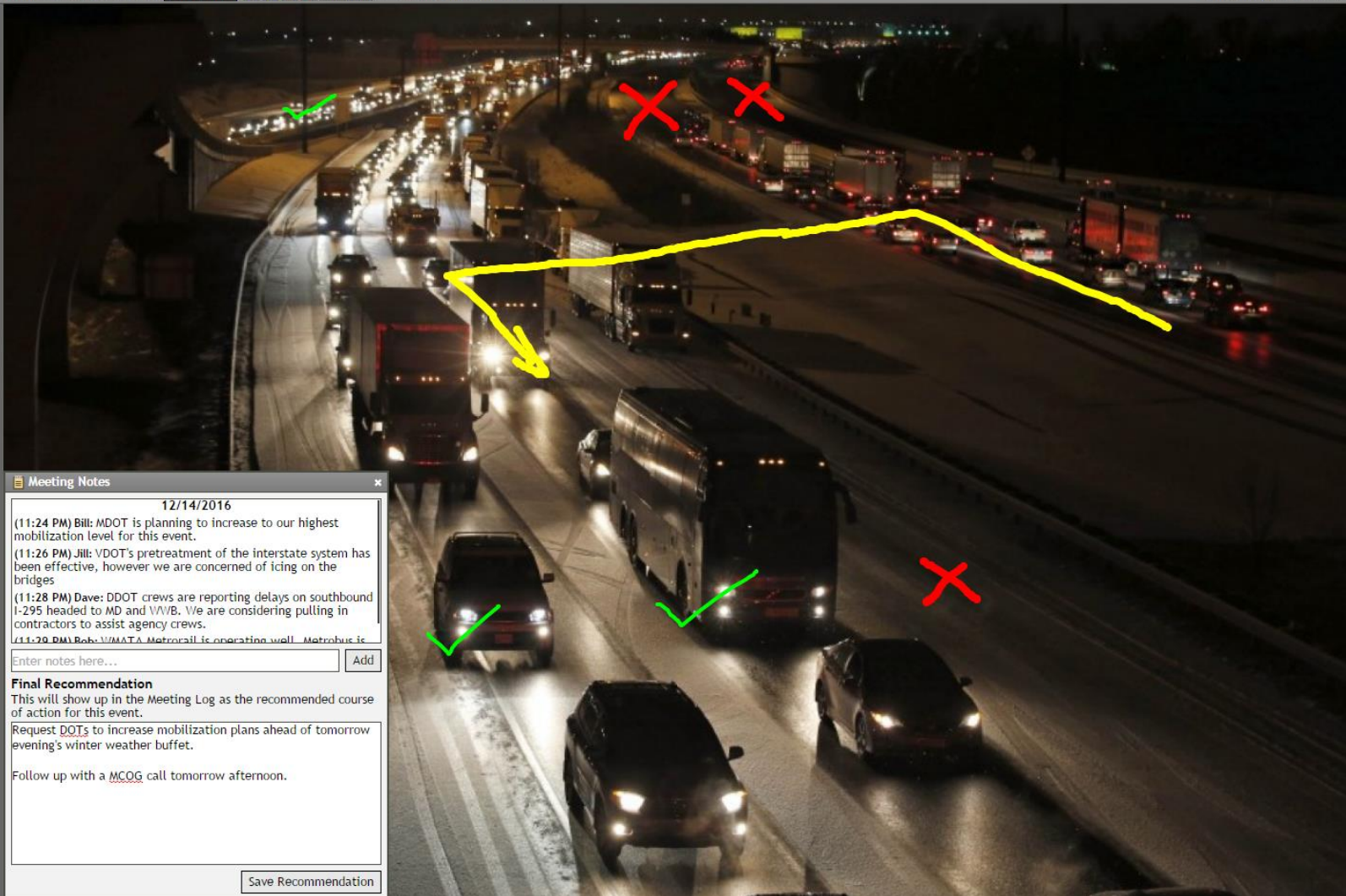
Jill

DDOT(1)

Dave

WMATA(1)

Bob



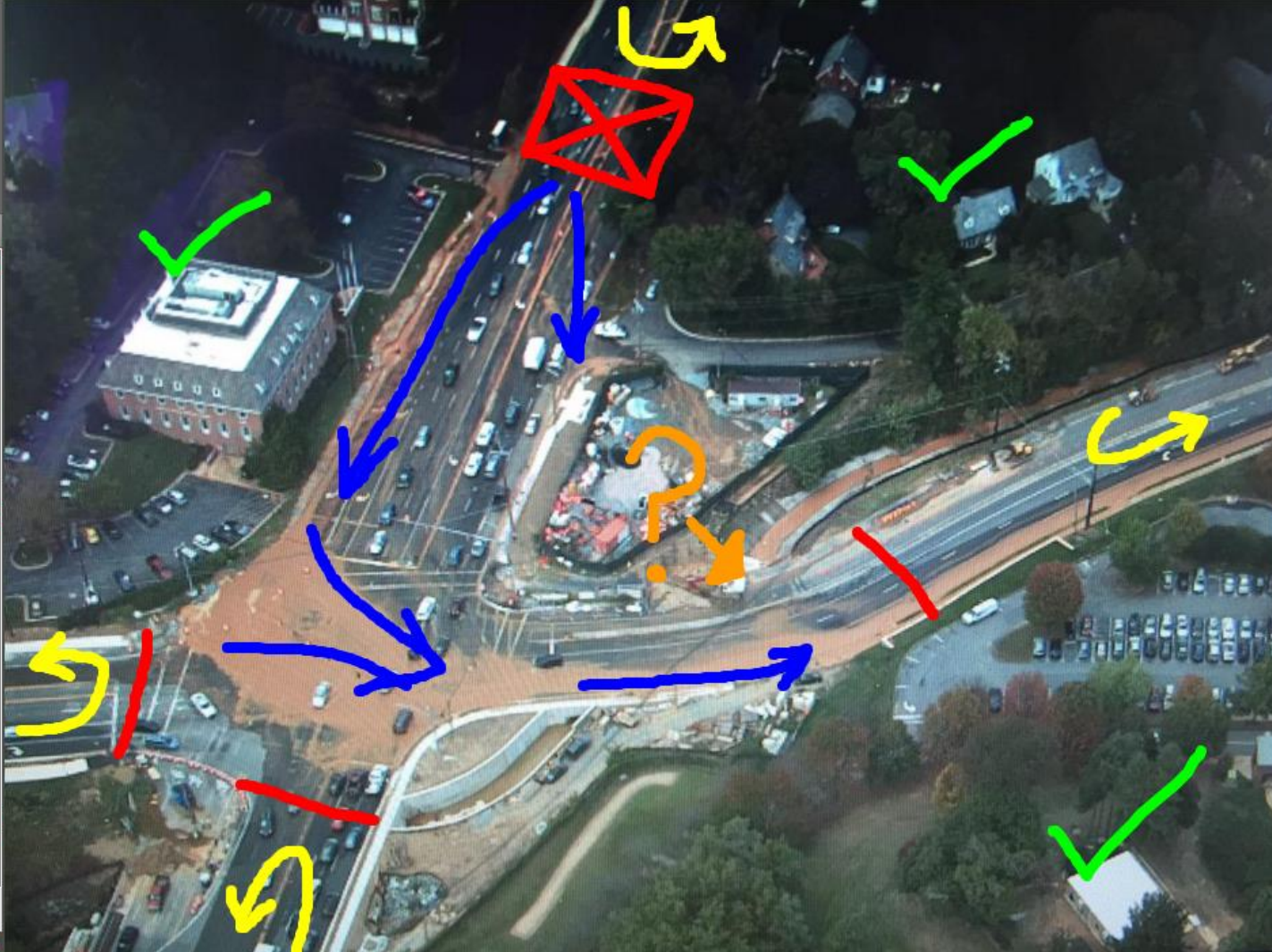
RITIS Meeting (For Incidents)

RITIS Meeting
MATOC D... **Checklist** **Map** **Show Document** **Upload File** **Clear All** **Share Cursor Position**
10/16/2015 9:00 AM
Conference Call: (123) 456-7890
Code: 1234
Location: Prince Georges County, Maryland
Description: This is a demonstration of RITIS Meeting functionality

Timeline
DC METRO AREA FORECAST
 .REST OF TODAY...SUNNY. HIGHS IN THE UPPER 50S. NORTHWEST WINDS 10 TO 15 MPH WITH GUSTS UP TO 25 MPH.
 .TONIGHT...MOSTLY CLEAR. COLD WITH LOWS IN THE LOWER 40S IN THE DOWNTOWN AREAS...IN THE UPPER 30S IN THE SUBURBS. NORTHWEST WINDS 5 TO 10 MPH.
Utility Problem. MD-355 NB/SB at
Incident: Water Main Break
Location: MD-355 NB/SB at Cedar Lane, Montgomery County, MD.
 All northbound lanes are being diverted onto Cedar Lane. Two southbound left lanes are blocked, one right lane gets by.
 Expect major disruption to AM & PM commutes. Clean up and restoration will require a multi-day closure of this roadway.
RITIS Event Timeline
<https://timeline.ritis.org/timeline/>
Add Another Entry

Meeting Notes and Recommendation **Host: Taran Hutchinson** **End Meeting**
Current Presenter: You

Poll Results
#1
 How long do you estimate restoration of roadway will take?
 1 day (0)
 2 days (0)
 3 days (1)
 4 days (3)
 5 days
New Poll
Attendance(5) **Questions**
Host
 Taran Hutchinson
Presenter
 Taran Hutchinson
Participants (4)
 VDOT(1)
 DDOT(1)
 John Doe
 MDOT(1)
 John Smith
 WMATA(1)
 Jane Smith



RITIS Meeting Summary

MATOC DOT Weather Call: December 15, 2016 Event (Call #1)

Dec 15, 2016 09:00 AM

Host: Taran Hutchinson
Prince Georges County, Maryland

MATOC Severe Weather Working Group Conference Call to discuss current status of the December 15 winter weather event and potential impacts to Friday's commutes.

RECOMMENDATION

Request DOTs to increase mobilization plans ahead of tomorrow evening's winter weather buffet.

Follow up with a MCOG call tomorrow afternoon.

NUMBER OF ATTENDING PARTICIPANTS 5

TIMELINE

WASH DC GREATER METRO AREA FORECAST

WASHINGTON DC GREATER METROPOLITAN AREA FORECAST
931 PM EST WED DEC 14 2016

...REST OF TONIGHT...MOSTLY CLOUDY WITH ISOLATED SNOW SHOWERS. LOWS IN THE LOWER 20S. NORTH WINDS AROUND 5 MPH...INCREASING TO NORTHWEST 10 TO 15 MPH WITH GUSTS UP TO 25 MPH. CHANCE OF SNOW 20 PERCENT.

...THURSDAY...MOSTLY SUNNY AND BLUSTERY. HIGHS IN THE MID 20S. TEMPERATURES STEADY OR SLOWLY FALLING IN THE AFTERNOON. NORTHWEST WINDS 15 TO 25 MPH WITH GUSTS UP TO 45 MPH.

...THURSDAY NIGHT...MOSTLY CLEAR IN THE EVENING...THEN BECOMING PARTLY CLOUDY. COLD WITH LOWS AROUND 14. WEST WINDS TO 15 MPH.

...FRIDAY...PARTLY SUNNY IN THE MORNING...THEN BECOMING MOSTLY CLOUDY. HIGHS IN THE UPPER 20S. WEST WINDS 5 TO 10 MPH...BECOMING SOUTH IN THE AFTERNOON.

...FRIDAY NIGHT...CLOUDY. A CHANCE OF SNOW IN THE EVENING...THEN SLEET OR FREEZING RAIN WITH SNOW LIKELY AFTER MIDNIGHT. LOWS IN THE MID 20S. SOUTH WINDS 10 TO 15 MPH. CHANCE OF PRECIPITATION 90 PERCENT.

...SATURDAY...RAIN OR FREEZING RAIN. NOT AS COOL WITH HIGHS IN THE UPPER 40S. CHANCE OF PRECIPITATION NEAR 100 PERCENT.

...SATURDAY NIGHT...SHOWERS LIKELY. NOT AS COOL WITH LOWS IN THE MID 40S. CHANCE OF RAIN 60 PERCENT.

POLLS

Poll #1 11:31 PM
Based on the updated forecast and what the field is reporting, is a MWCOW Snow Call for the region needed.

Yes, as soon as possible	(1)
No	(0)
Yes, but wait until this afternoon or evening.	(4)

(11:24 PM) Bill: MDOT is planning to increase to our highest mobilization level for this event.
(11:26 PM) Jill: VDOT's pretreatment of the interstate system has been effective, however we are concerned of icing on the bridges
(11:28 PM) Dave: DDOT crews are reporting delays on southbound I-295 headed to MD and WWB. We are considering pulling in contractors agency crews.
(11:29 PM) Bob: WMATA Metrorail is operating well. Metrobus is experiencing major delays on the arterials region wide.

SHARED MEDIA

Uploaded By Taran Hutchinson
Time Dec 15, 2016 10:06 PM
Description MATOC SWCWG Road Condition Table



MATOC Severe Weather Coordination Working Group Transportation System Status Levels

TABLE 1: Transportation system status levels

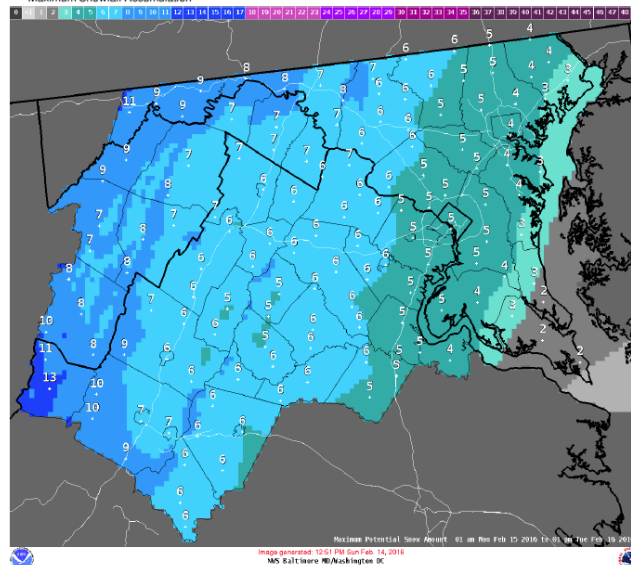
Road Condition 5: IMPASSABLE/ DANGEROUS/ TREACHEROUS

Some roads could be temporarily impassable. This may be the result of severe weather (low visibility, etc.) or road conditions (drifting, excessive unplowed snow, glare, ice, accidents, stranded vehicles, etc.) Skeletal transit services. Limited above-ground rail service if more than 8" of accumulation. Lane drops in certain sections.

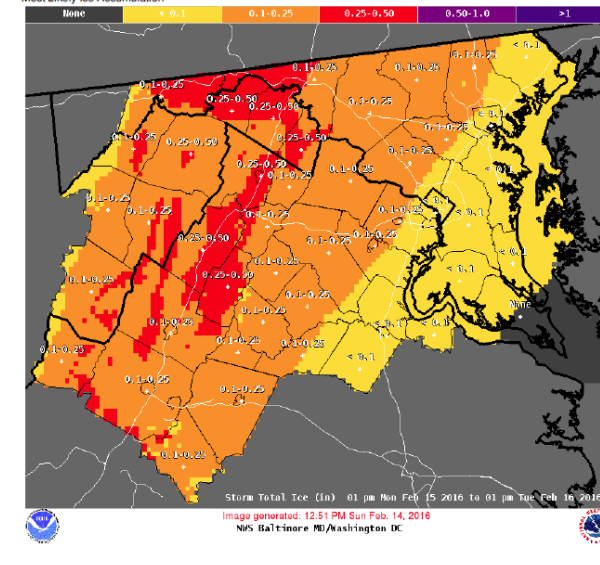
Suggested terminology
PIO templates
"treacherous", "impassable", "dangerous". Be where you are by time.
Get where you need to be weather gets bad.
Stay where you are.



Uploaded By Taran Hutchinson
Time Dec 15, 2016 10:11 PM
Description Maximum Snowfall Accumulation



Uploaded By Taran Hutchinson
Time Dec 15, 2016 10:12 PM
Description Most Likely Ice Accumulation



ATTENDANCE

Host

Taran Hutchinson

Organization

MDOT

WMATA

DDOT

VDOT

MATOC

Participant

Bill

Bob

Dave

Jill

Taran Hutchinson

POLL INFORMATION

Poll #1: Based on the updated forecast and what the field is reporting, is a MWCOW Snow Call for the region needed?

Participant	Vote
Bob	Yes, but wait until this afternoon or evening.
Dave	Yes, but wait until this afternoon or evening.
Bill	Yes, but wait until this afternoon or evening.
Taran Hutchinson	Yes, but wait until this afternoon or evening.
Jill	Yes, as soon as possible.

End Member Spotlight

Member involvement

The **key** to success of the RITIS User Group is **your** involvement:

- › Share common or unique use of the tools in your work
- › Present after-action reviews, lessons learned
- › Demonstrate accomplishments, big or small
- › Contribute ideas, suggestions, feedback
- › Help prioritize and guide RITIS feature enhancements

Agency input session

“What’s on your mind?”



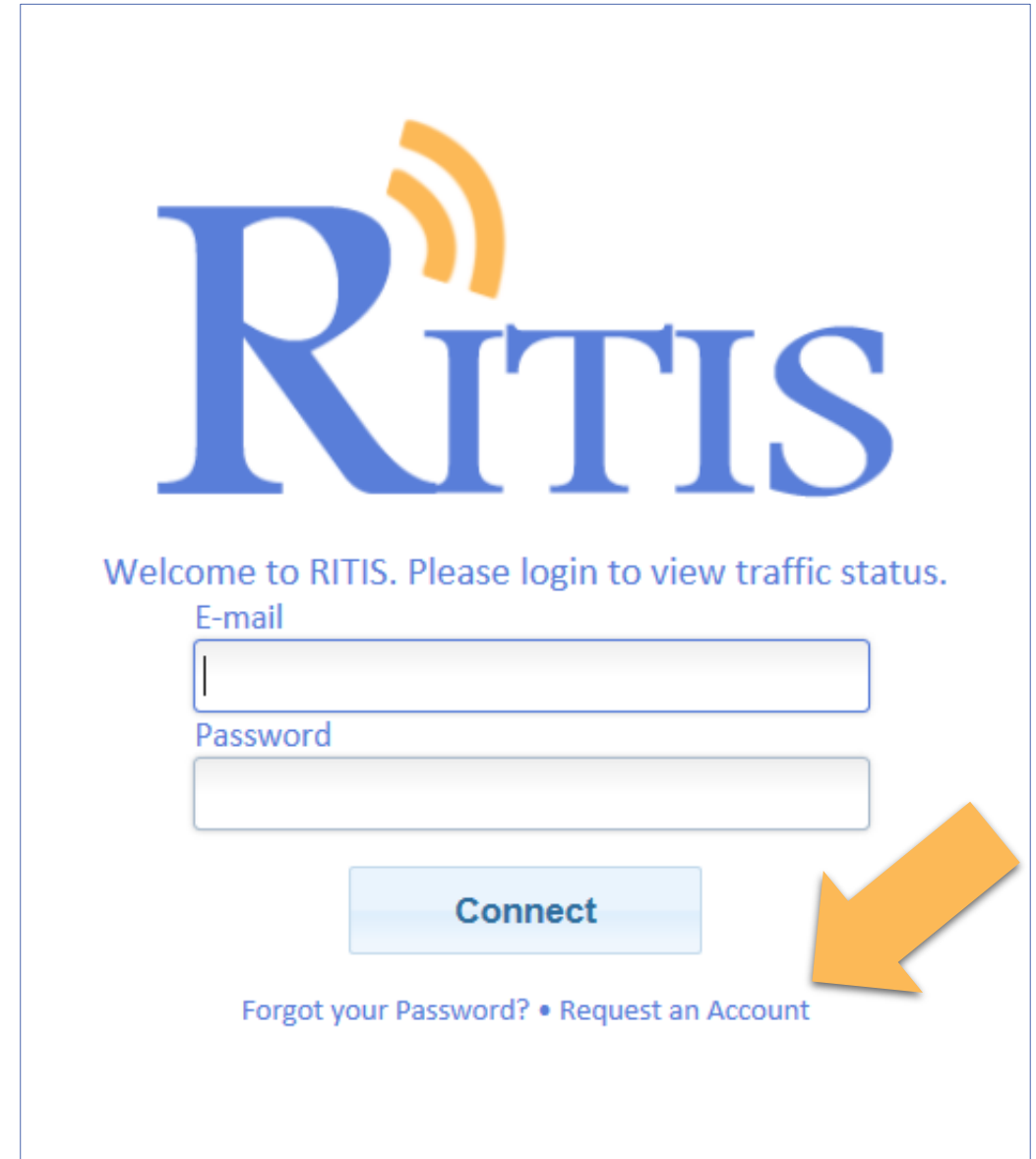
“We’re here to help!”

Next steps

- ✓ Conduct an agency survey on your agency's needs and issues
- ✓ Solicit Co-Chair nominations to represent each of the following TSMO fields
 - > Planning
 - > Operations
 - > Traveler Info
 - > Research
- ✓ Prioritize improvements and new features for the RITIS Roadmap
- ✓ Identify Agency Use-Cases and/or AARs for the next User Group Meeting

How to get access

- ✓ www.ritis.org
- ✓ Click “Request an Account”
- ✓ You’re on your way...



The screenshot shows the RITIS website's login interface. At the top is the RITIS logo, which consists of the word "RITIS" in a blue serif font, with three orange curved lines above the "I" representing a signal. Below the logo, the text "Welcome to RITIS. Please login to view traffic status." is displayed in a smaller blue font. Underneath this are two input fields: the first is labeled "E-mail" and the second is labeled "Password". Both fields are empty. Below the password field is a light blue button with the word "Connect" in bold black text. At the bottom of the login area, there is a link that reads "Forgot your Password? • Request an Account". A large orange arrow points from the right side of the slide towards the "Request an Account" link.

Contact info

I-95 Corridor Coalition TSMO

> Denise Markow | 301.789.9088 | dmarkow@i95coalition.org

RITIS technical support

> support@ritis.org

Thanks!

These slides will be made available after the call.

Next meeting will be in Feb/Mar

