



# RITIS User Group

Quarterly Meeting • March 9, 2017



# Webcast and audio information

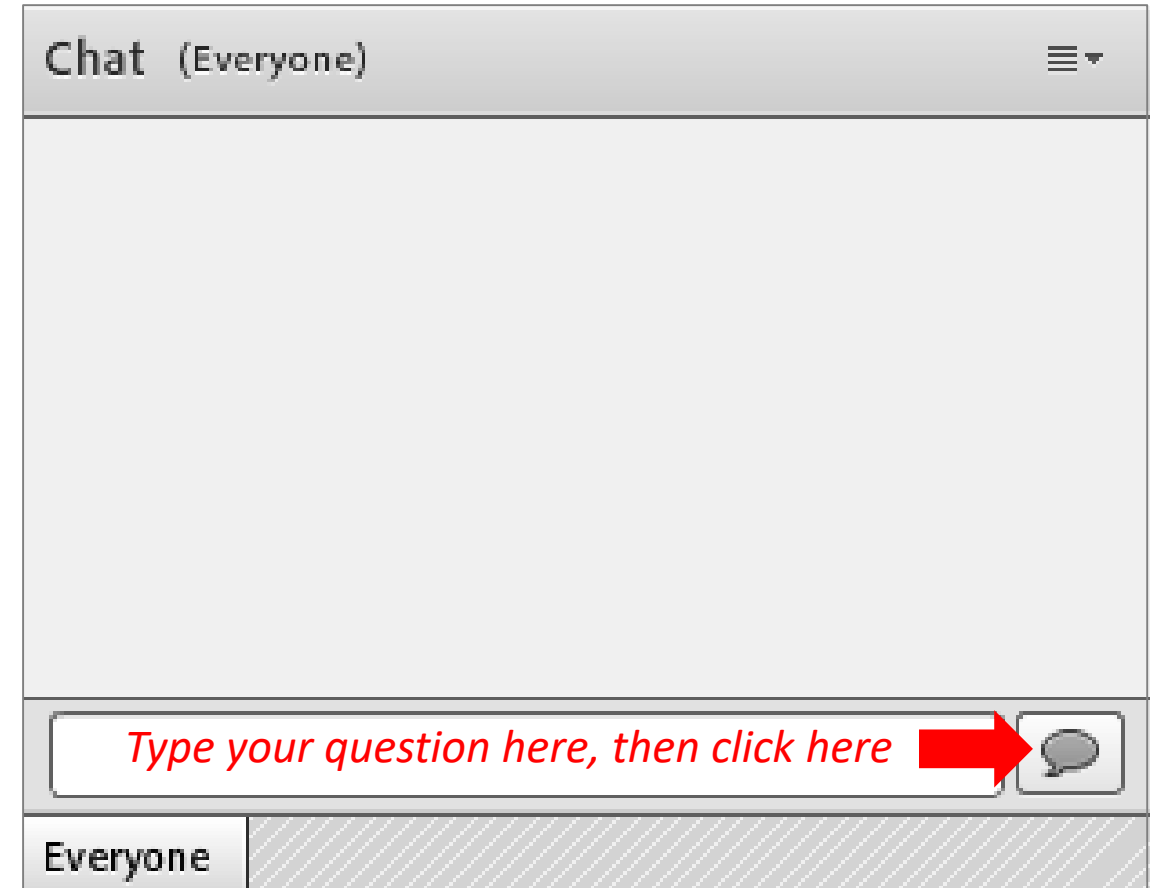
- › The call-in phone number is:

**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 917-974-4810 for difficulties with the web or audio application
- › This web meeting is being recorded
- › All materials will be available to participants after the web meeting

# Asking questions

- › Please pose your questions using the chat box
- › Questions will be monitored, then answered by the speakers during their presentation or at the end of the webcast



The image shows a chat window titled "Chat (Everyone)". It has a large text area for messages. At the bottom, there is a text input field with the placeholder text "Type your question here, then click here" in red. To the right of the input field is a red arrow pointing to a speech bubble icon. Below the input field is a tab labeled "Everyone" and a shaded area for a list of participants.

# Welcome & introductions



Denise Markow, PE

I-95 Corridor Coalition TSMO  
Program Coordinator

[DMarkow@i95coalition.org](mailto:DMarkow@i95coalition.org)



Michael Pack

CATT Lab  
Director

[PackML@umd.edu](mailto:PackML@umd.edu)



Jason Dicembre

Maryland SHA  
TMC Operations SOC Manager

[JDicembre1@sha.state.md.us](mailto:JDicembre1@sha.state.md.us)



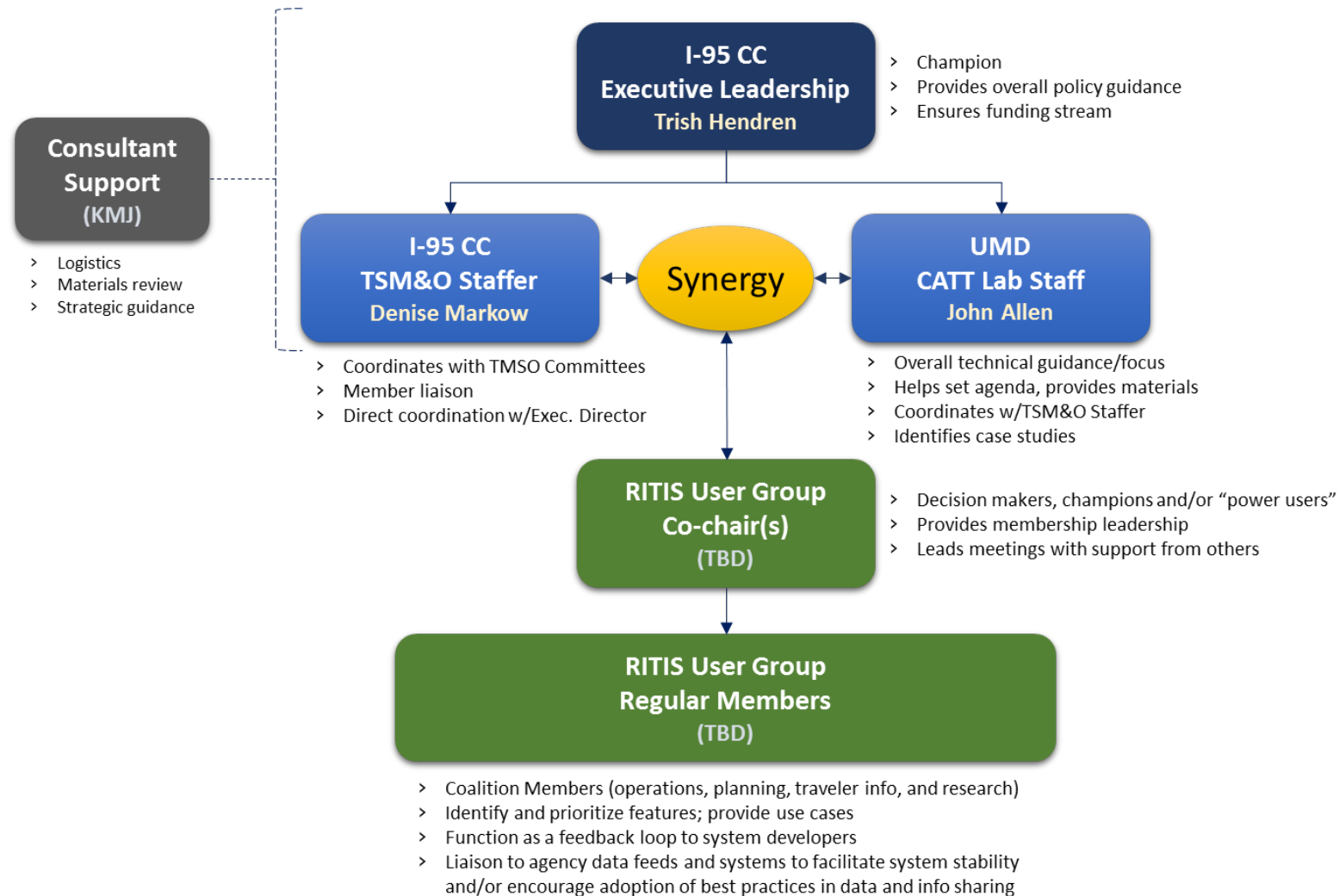
Andrew Worrell

DC HSEMA  
IC3 Program Manager, Operations

[andrew.worrell@dc.gov](mailto:andrew.worrell@dc.gov)

# User Groups

◦ Organization, interaction, function  
(RITIS example)



# Meeting agenda

- › Follow up on Action Items from the Last Meeting
- › Survey Results
- › Co-chair Update
- › Spotlight Presentations
- › **Pack's Pointers**
- › RITIS Roadmap
- › Agency Input Session
- › Wrap up



# Follow-up on last meeting's action items

- › We'll provide updates on...
  - ✓ Agency survey results
  - ✓ Co-chair selections
  - ✓ The RITIS Roadmap (prioritizing features & functions)

...and have some *really interesting* spotlight presentations in store!

# Follow-up survey

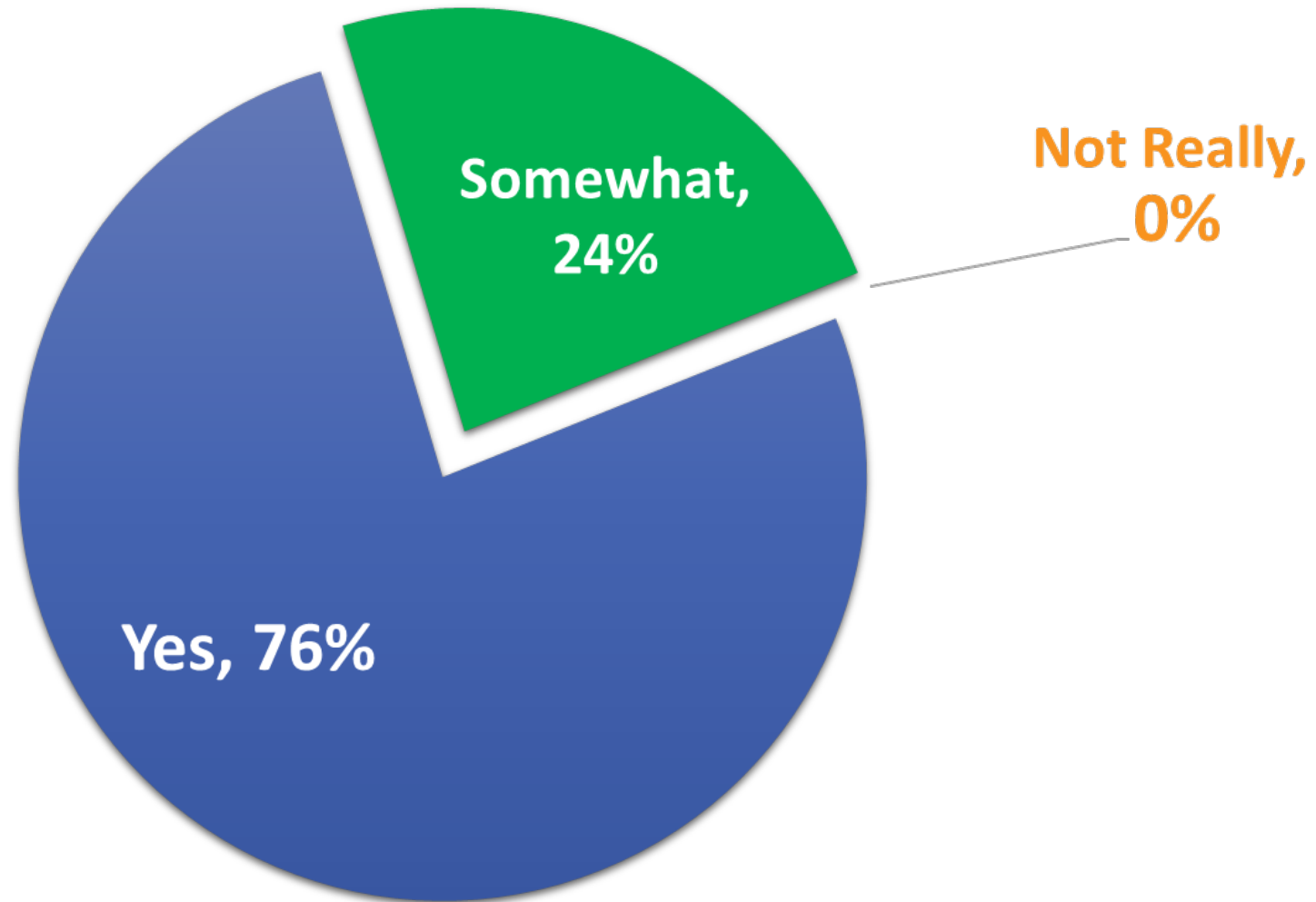
- › After our inaugural meeting, we conducted a brief follow-up survey of 72 representatives from:
  - Federal agencies
  - State DOTs
  - MPOs
  - Authorities
  - Counties / cities
  - Emergency management
  - Law enforcement
  - Universities
  - Consultants

Thanks for taking part!



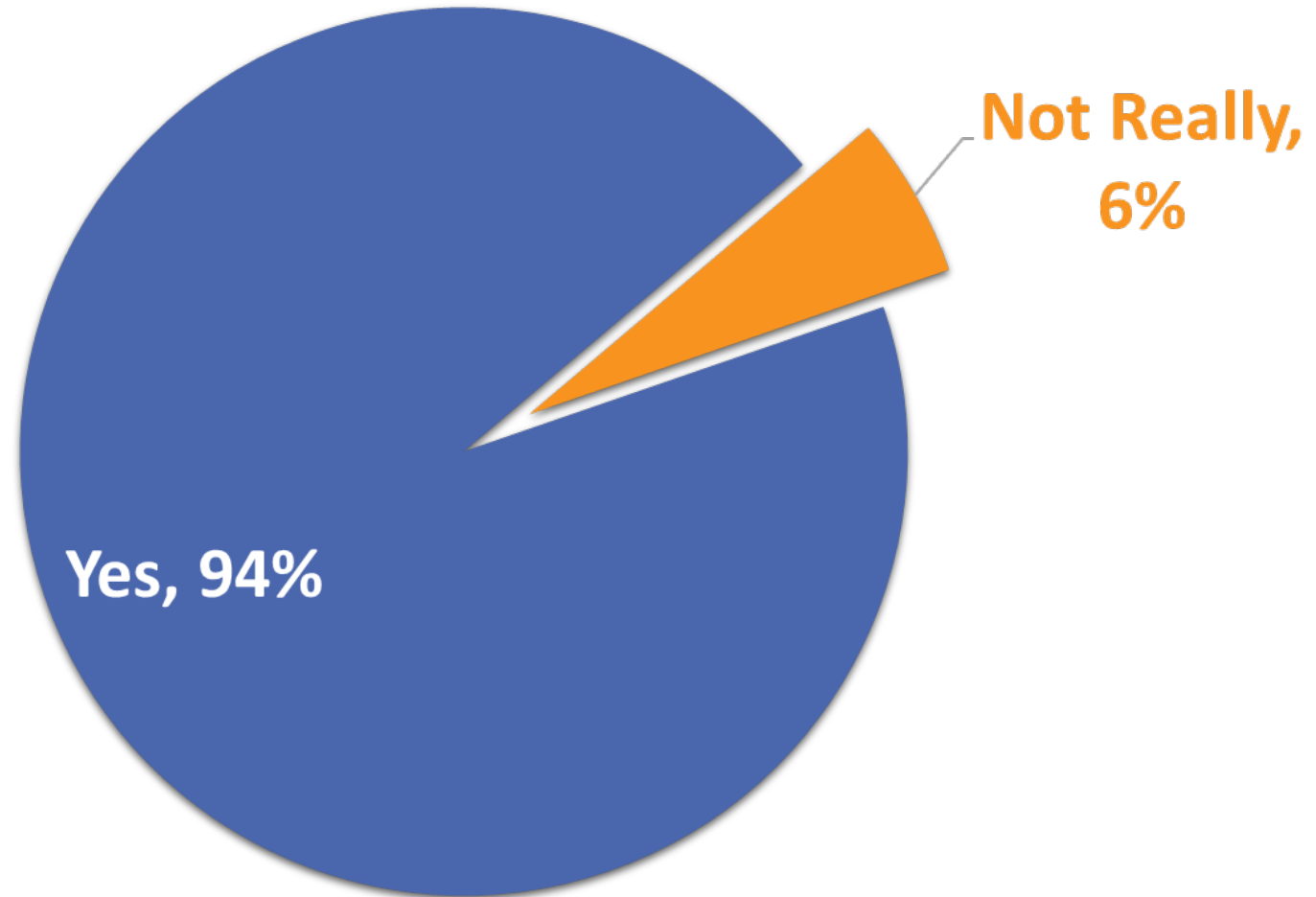
# Survey results

Did you find the meeting useful/informative?



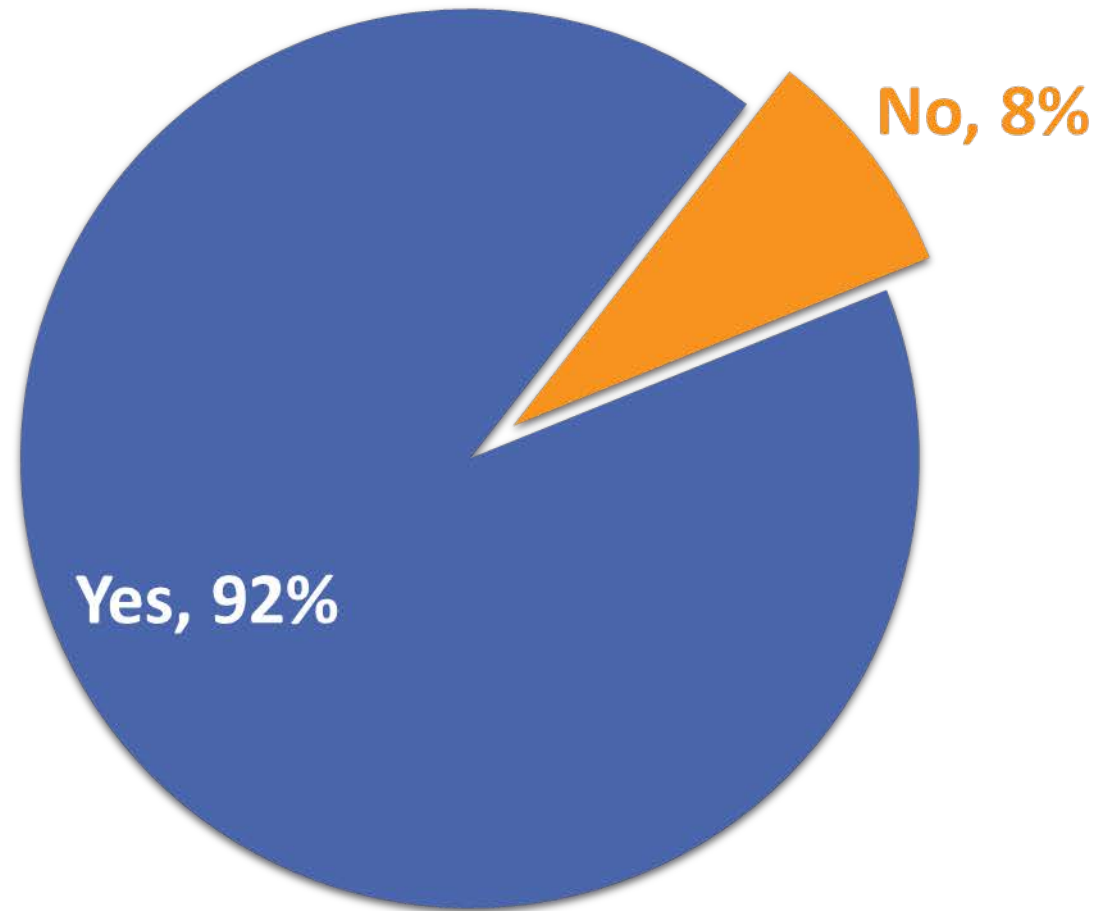
# Survey results

Did you find the Spotlight Presentation useful?



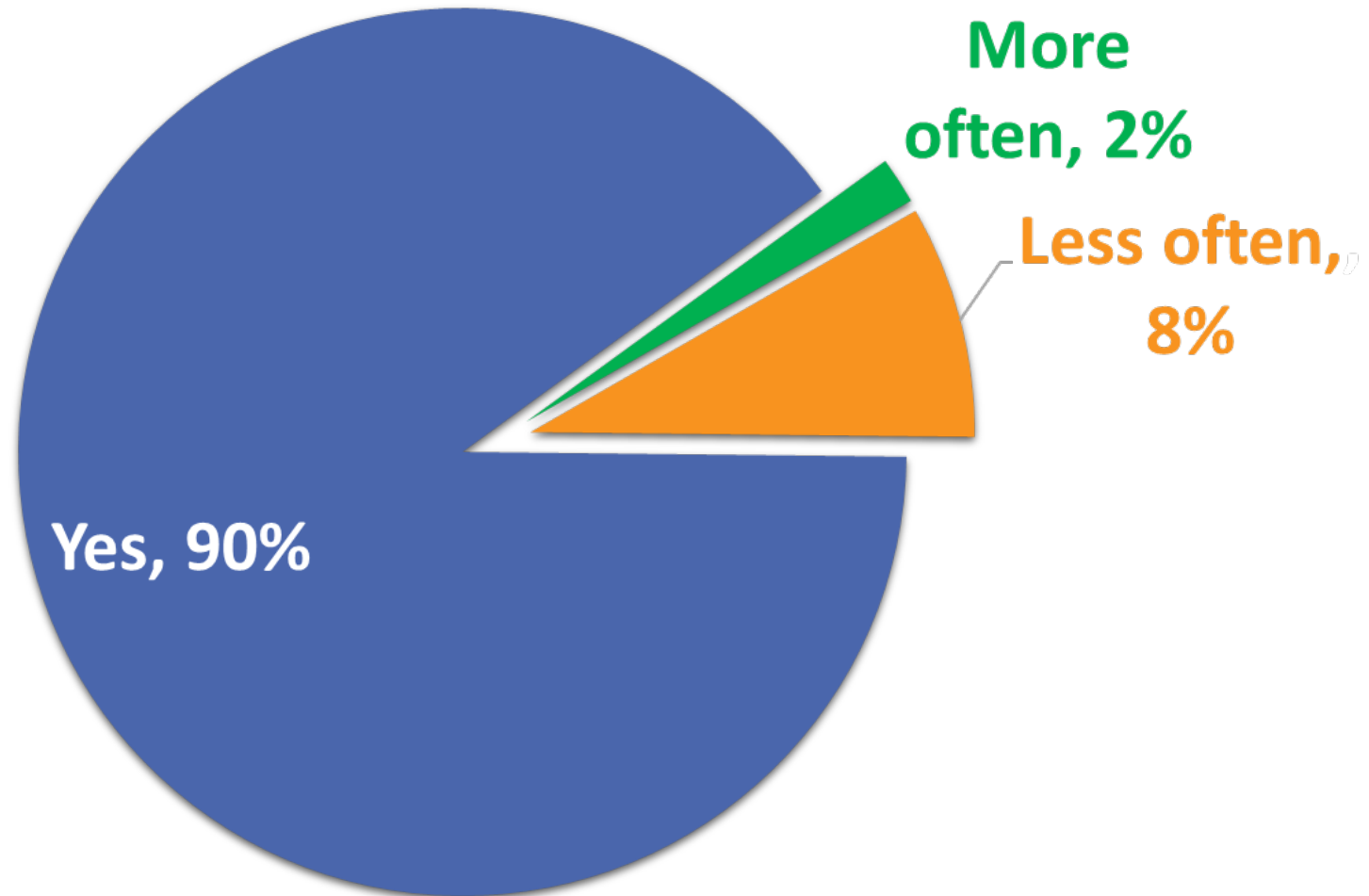
# Survey results

Are you Interested in participating in future meetings?



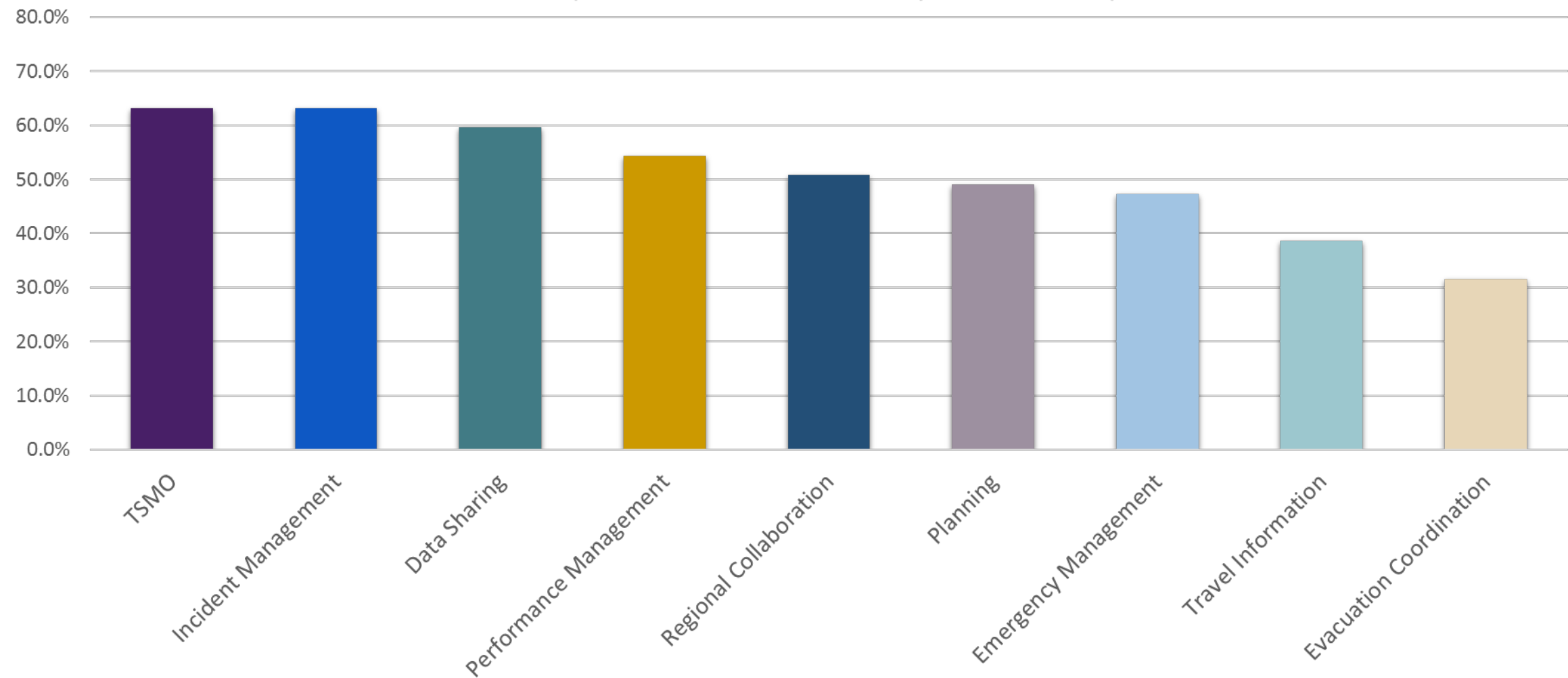
# Survey results

Does holding quarterly meetings work for you?



# Survey results

What key focus areas are important to you?



# Survey results

## › Takeaways...

- 1 Everyone found the meetings informative at some level
- 2 The spotlight presentation was a BIG hit
- 3 Virtually everyone will continue participating
- 4 Most prefer quarterly meetings
- 5 We'll concentrate on the top five key focus areas

In the spotlight...

# I-70 Fatality Incident / After Action Review

Jason Dicembre  
Maryland Department of Transportation

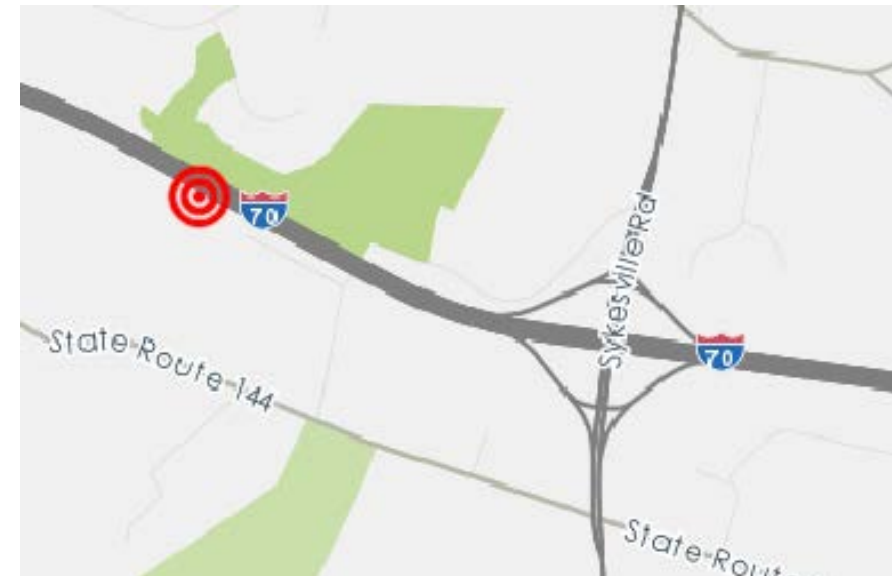
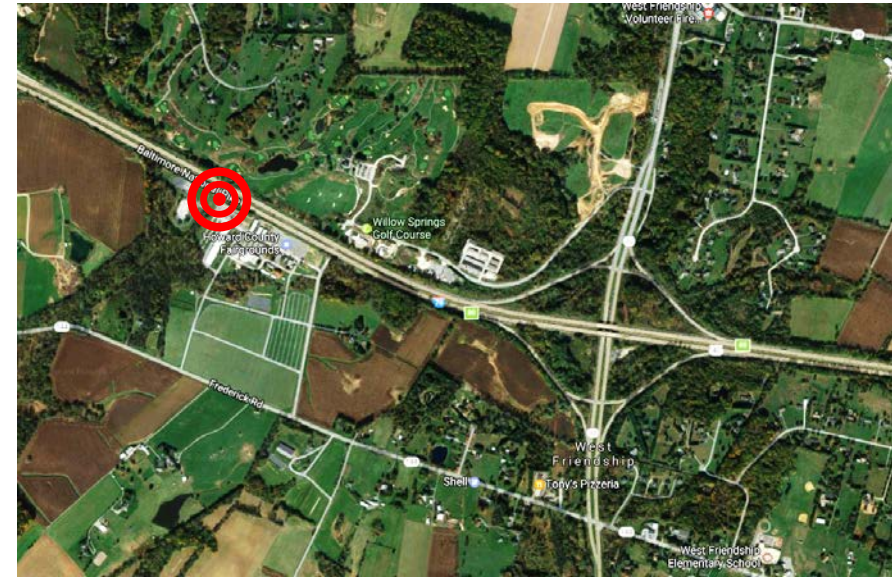




# I-70 fatality incident

## › Background...

- Occurred on October 29, 2016 at around 4:30 AM
- Located on I-70 West, past Exit 80 - MD 32 Sykesville Rd
- A car hit a deer, then a tractor trailer hit the car, and jack-knifed, resulting in one fatality
- All lanes were closed in the WB direction for over 7 hr
- It took about 11 hr to fully clear the incident and reopen all lanes



# I-70 fatality incident

- › Several RITIS / PDA tools were used to conduct impact analysis and provide visual content as part of an After Action Review...

**EQT**  
Event Query Tool



EQT/ Incident Timeline

Region Explorer

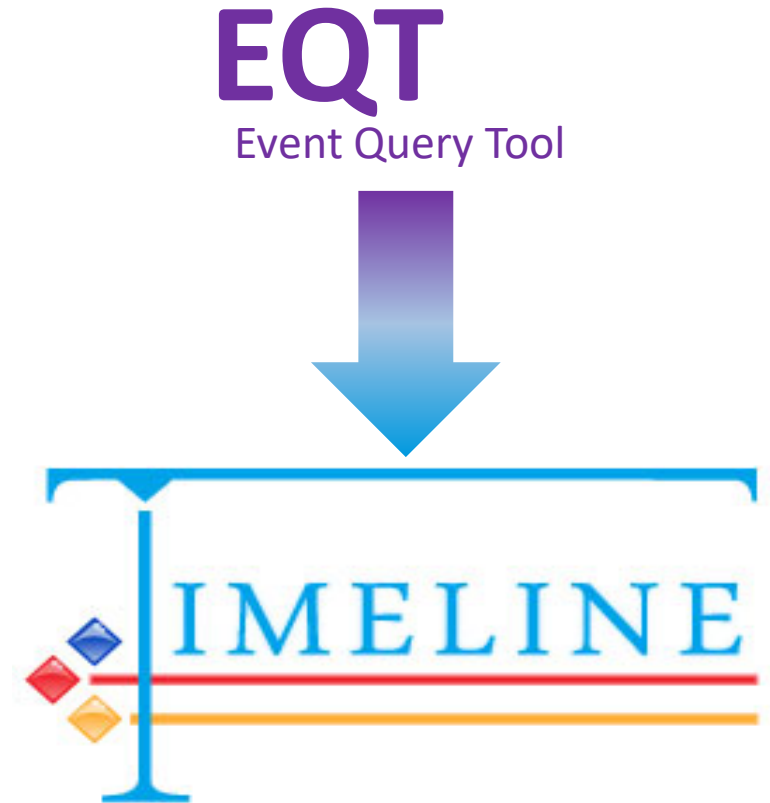
Trend Map

Congestion Scan

User Delay Cost

# I-70 fatality incident

- Incident Timeline...
  - Used to review responder response times, lane & event clearance times, and Operator notes.
  - Timeline graphics are inserted in to AARs
  - “Heat Map” is used to see trends in incident activity



**EQT** analyzes your ATMS event data for insight into event impacts on your roadway system, through auto-created tables, charts and maps.

**Timeline** displays how an incident is being managed by showing the relationships between responder notifications & arrival times, lane status, traffic queues, clearance times, communication logs, CCTV, and DMS.

# Integrated Event Management

TOC Communications



Notifications & Responders



Lane Status



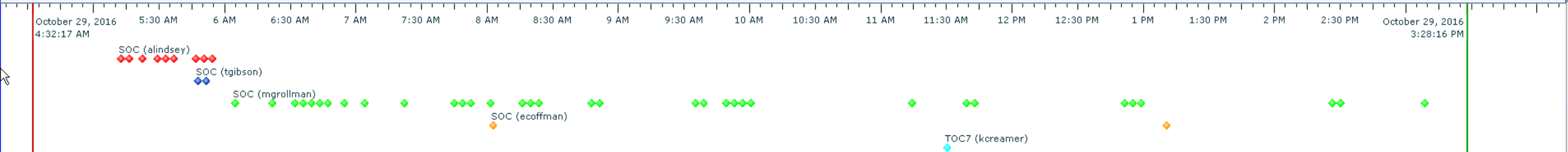
Overhead Sign Messages



Speed Readings



## ▼ Traffic management center communications



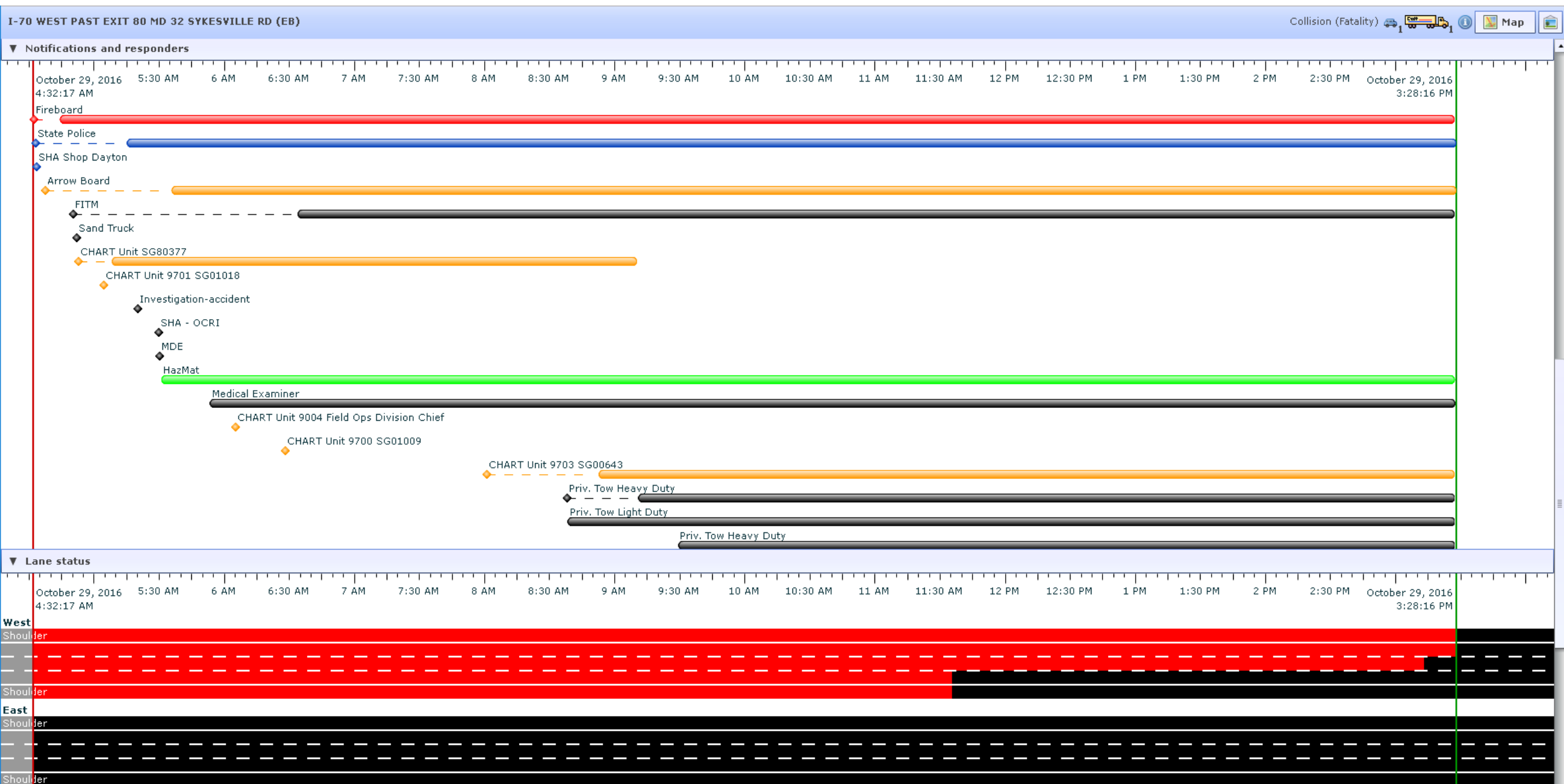
SOC (alindsey) (5:12:40 AM): 9413 EVENT PAST 32 ABLE TO ACCESS EXIT RAMP  
 SOC (alindsey) (5:13:59 AM): CAR HIT A DEER THEN THE TT CAME AND HIT THE CAR PRIORITY 4  
 SOC (alindsey) (5:22:29 AM): WAITING FOR ROUGH ETC FROM 9413 BEFORE ADVISE OCRI  
 SOC (alindsey) (5:29:18 AM): OCRI ADVISED  
 SOC (alindsey) (5:31:59 AM): OIL PAN ON THE TRACTOR MY BE COMPROMISED HAZMAT IS ON SCENE PUMPING THE TANKS  
 SOC (alindsey) (5:32:11 AM): MSP ADVISED REQUESTING MDE  
 SOC (alindsey) (5:46:53 AM): MSP ADVISED NO ETC AT THIS TIME AND CONFIRMED THAT THIS IS A F  
 SOC (tgibson) (5:47:48 AM): DETOUR WILL BE 70 W TO MD 32 TO MD 144 TO MD 97 TO 70  
 SOC (tgibson) (5:48:14 AM): 7315 ON SCENE TO SET UP DETOUR  
 SOC (alindsey) (5:50:30 AM): DETOUR 70W TO 32 TO 144 TO 97 BACK ONTO 70W  
 SOC (alindsey) (5:51:26 AM): AT ACTUAL LOCATION IS RIGHT BEFORE THE ENTRANCE FOR THE SCALE HOUSE  
 SOC (mgrollman) (6:04:52 AM): CALLED 9700 UNABLE TO LEAVE MESSAGE PHONE KEPT RINGING  
 SOC (mgrollman) (6:21:49 AM): 9701 HAS BEEN NOTIFIED OF THE UPDATES  
 SOC (mgrollman) (6:32:10 AM): 9413 ADV AT THIS POINT HE DOES NOT KNOW WHAT THE TT IS LOADED WITH  
 SOC (mgrollman) (6:32:21 AM): 9413 ADV HE CONTACTED 9004 BUT WAS UNABLE TO REACH 9701  
 SOC (mgrollman) (6:33:45 AM): 9413 ADV TT WAS HAULING AMAZON PACKAGES  
 SOC (mgrollman) (6:34:52 AM): 9413 ADV HE LEFT HIS STATE PHONE IN HIS REGULAR TRUCK, # TO REACH HIM AT IS 443 698 2648  
 SOC (mgrollman) (6:36:10 AM): 9701 ADV OF 9413'S PHONE #  
 SOC (mgrollman) (6:54:47 AM): OCRI UPDATED ON EVENT  
 SOC (mgrollman) (7:04:06 AM): 9413 ADV MSP IS ALLOWING THE REMOVAL OF THE DEER CARCASS IN LN/1  
 SOC (mgrollman) (7:22:15 AM): 9413 ADV DEBRIS HAS BEEN REMOVED OUT OF LN/1 AND SAND TRUCK IS GETTING READY TO MAKE A PASS  
 SOC (mgrollman) (7:45:03 AM): 9413 ADV AN ETC OF 10 MINS TO REOPEN THE LEFT LANE, HOWEVER DID NOT MENTION AT FIRST IT WAS JUST TO RELIEVE THE TRAFFIC STUCK IN THE QUEUE  
 SOC (mgrollman) (7:45:05 AM): UPDATED PAGE SENT OUT  
 SOC (mgrollman) (7:45:19 AM): 9413 ADV CRASH TEAM IS STILL ANOTHER HOUR OUT DUE TO COMING FROM THE EASTERN SHORE  
 SOC (mgrollman) (8:01:37 AM): 9703 ADV HE IS ENROUTE TO ASSIST 9413  
 SOC (ecoffman) (8:02:49 AM): 9315 ADV DETOUR IN PLACE WB 32 TO MD 97  
 SOC (mgrollman) (8:16:09 AM): 9413 ADV CRASH TEAM THAT WAS ORIGINALLY COMING IS NO LONGER GOING TO BE ENROUTE, MSP ON SCENE WILL HANDLE THE REST OF THE PICTURES AND INVESTIGATION TOW HAS BEEN CALLED  
 SOC (mgrollman) (8:16:12 AM): 9413 ADV STILL NOT ETC  
 SOC (mgrollman) (8:16:54 AM): 9413 ADV THE QUEUE HAS BEEN CLEARED  
 SOC (mgrollman) (8:47:45 AM): 9703 ADV WB DELAYS BEGIN AT SANDS HILL RD  
 SOC (mgrollman) (8:47:54 AM): 9703 ADV RUNNING CODE  
 SOC (mgrollman) (9:35:22 AM): 9703 ADV THE INVESTIGATION IS COMPLETE PASSENGER CAR IS GOING TO REMOVED FIRST AND THEN THEY ARE GOING TO CUT MORE GUARDRAIL TO FREE THE TT  
 SOC (mgrollman) (9:35:25 AM): NO ETC  
 SOC (mgrollman) (9:49:20 AM): MSP HEADQUARTERS SENT OUT AN EMAIL THAT ALSO  
 SOC (mgrollman) (9:49:57 AM): CONFIRMED WITH 9703 THAT ALL LANES WERE STILL CLOSED  
 SOC (mgrollman) (9:50:11 AM): CALLED WATERLOO BARRACK TO ADV THEM TO TELL HEADQUARTERS THAT ALL LANES STILL REMAINED CLOSED  
 SOC (mgrollman) (9:50:29 AM): W/B I-70 @ MD RT 32 is now open

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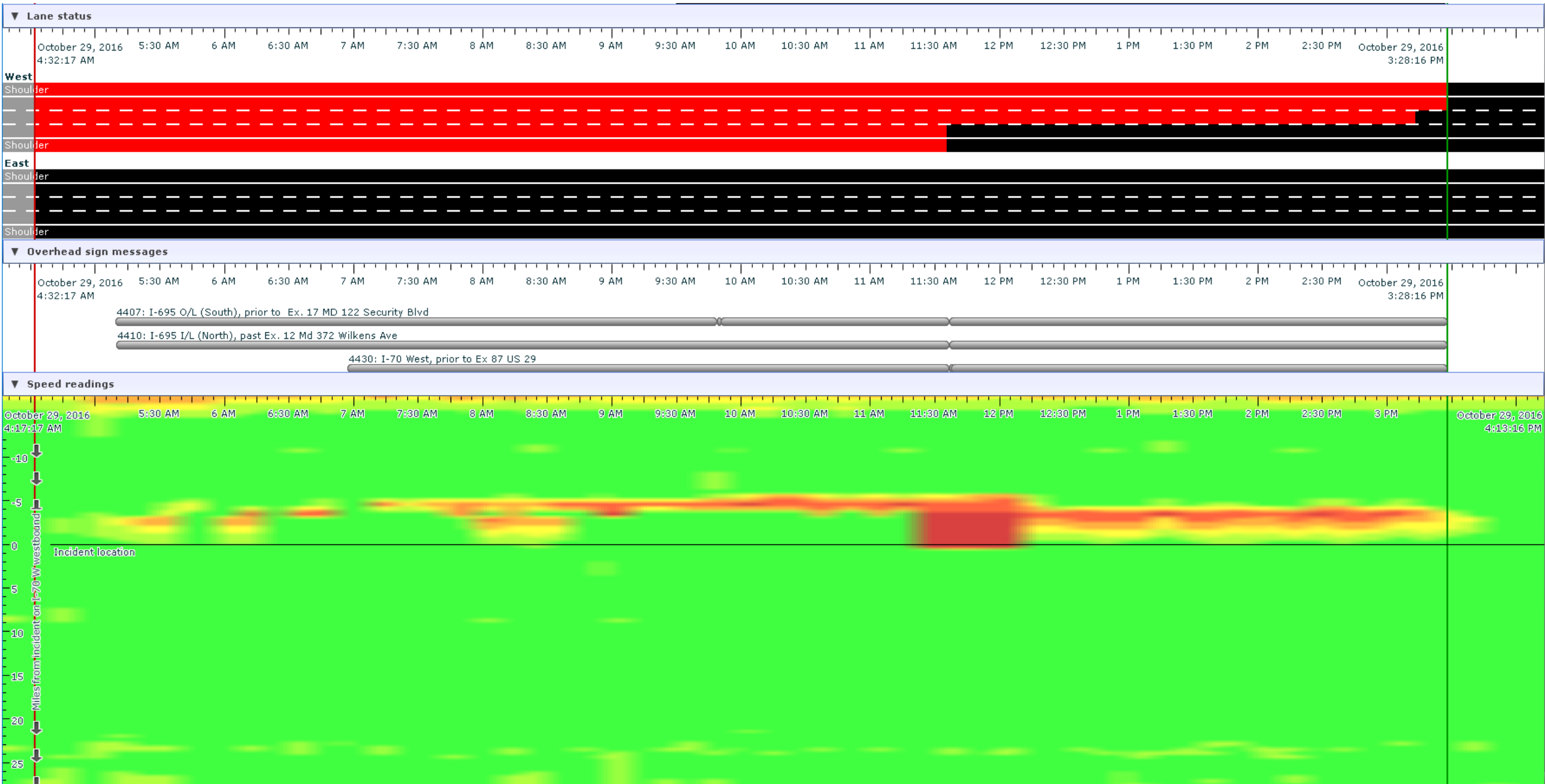
MSP Headquarters Duty Officer  
 P.C.S.D.  
 410-653-4200  
 MSP.HQDO@Maryland.gov

SOC (mgrollman) (11:14:19 AM): 9703 ADV RECOVERY PROCESS IS NOT GOING WELL THEY ARE TRYING TO GET THINGS CLEARED OUT OF THE WAY SO THEY CAN REOPEN LN/1 IN THE NEXT 30 MINS  
 TOC7 (kcreamer) (11:30:25 AM): 9711 ADVISED MD 144 IS BACKED UP TO MD 32  
 SOC (mgrollman) (11:39:14 AM): 9703 ADV ROTATOR IS ENROUTE  
 SOC (mgrollman) (11:39:35 AM): 9703 ADV LEFT LN IS OPEN AT THE SCENE AND THEY ARE LETTING THE SHOP KNOW TO LIFT THEIR DETOUR  
 SOC (mgrollman) (12:51:31 PM): 16 MSP 044425  
 SOC (mgrollman) (12:51:36 PM): 50-60 FT OF GUARDRAIL DAMAGE  
 SOC (mgrollman) (12:55:37 PM): 9703 ADV 2 ROTATORS ARE ON SCENE FROM MORTONS  
 SOC (ecoffman) (1:10:41 PM): SHOP ADV DETOUR REMOVED  
 SOC (mgrollman) (2:26:31 PM): 9703 ADV TT IS BACK UP ON ITS WHEELS  
 SOC (mgrollman) (2:26:36 PM): APPROX 15 MINS TO REOPEN LN/2  
 SOC (mgrollman) (3:08:48 PM): 9703 ADV THE TT HAS BEEN TOWED TO THE SCALEHOUSE AND LN/2 IS NOW REOPEN HOWEVER LN/1 WILL REMAIN CLOSED FOR CLEANUP

## Notifications & Responders

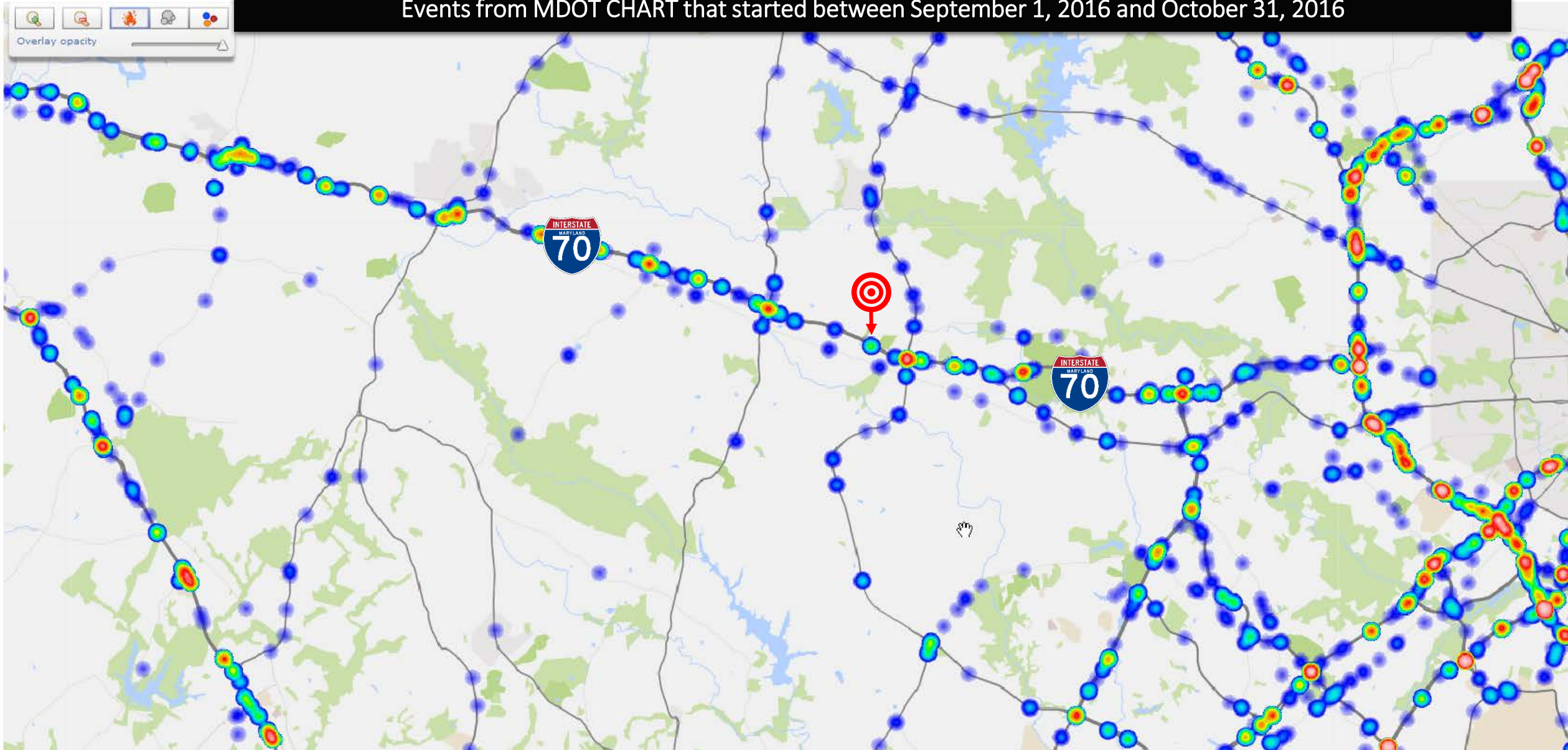


# Lane Status, Sign Messages, Speeds





Events from MDOT CHART that started between September 1, 2016 and October 31, 2016



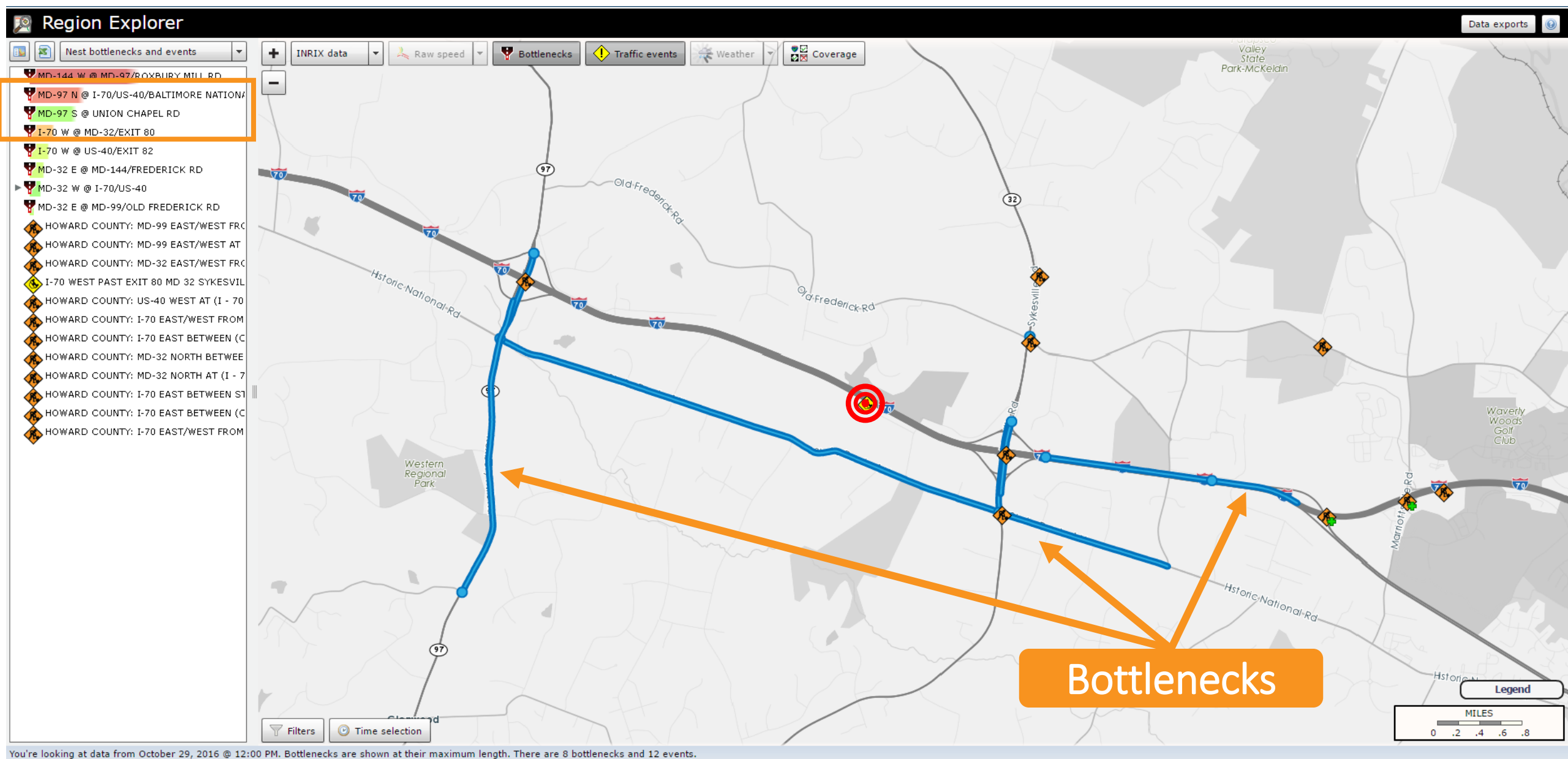
# I-70 fatality incident

- › Region Explorer...
  - Used to determine the choke points of traffic during the incident, and future detour points
  - Helps improve Quick Clearance practices by honing in on the effects on tertiary roadways



An interactive traffic conditions app that can be used to explore the impacts of bottlenecks and incidents along a road, in real-time, or previous point in time.

# Bottleneck Locations at 12:00 PM on 10.29.2016



# I-70 fatality incident

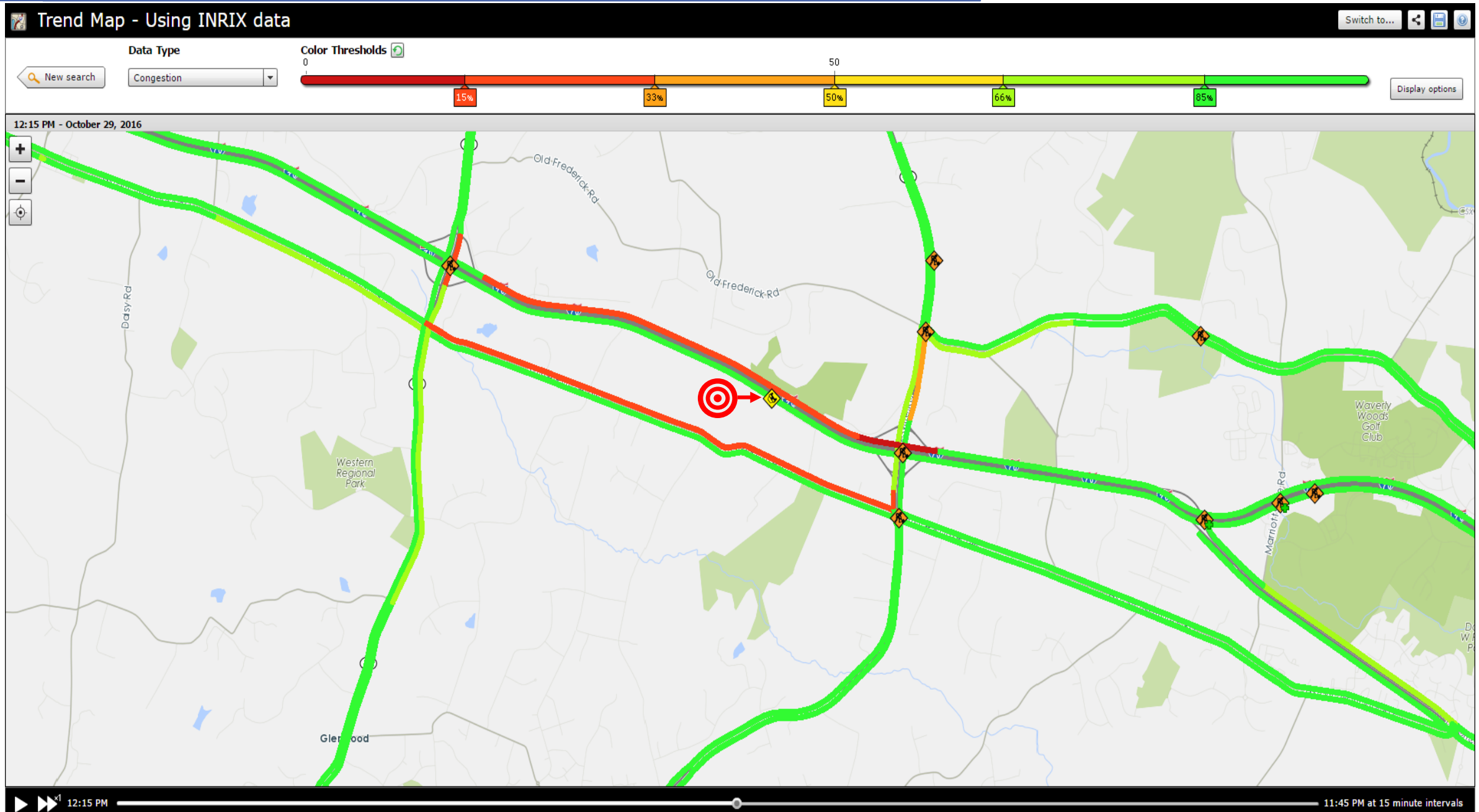
- Trend Map...
  - Used it to determine the significance of the delay over the time of the incident's duration
  - Using it as a case to promote Quick Clearance practices



An animated congestion and event conditions map that dynamically displays changes over time.



# Congested Locations at 12:15 PM on 10.29.2016



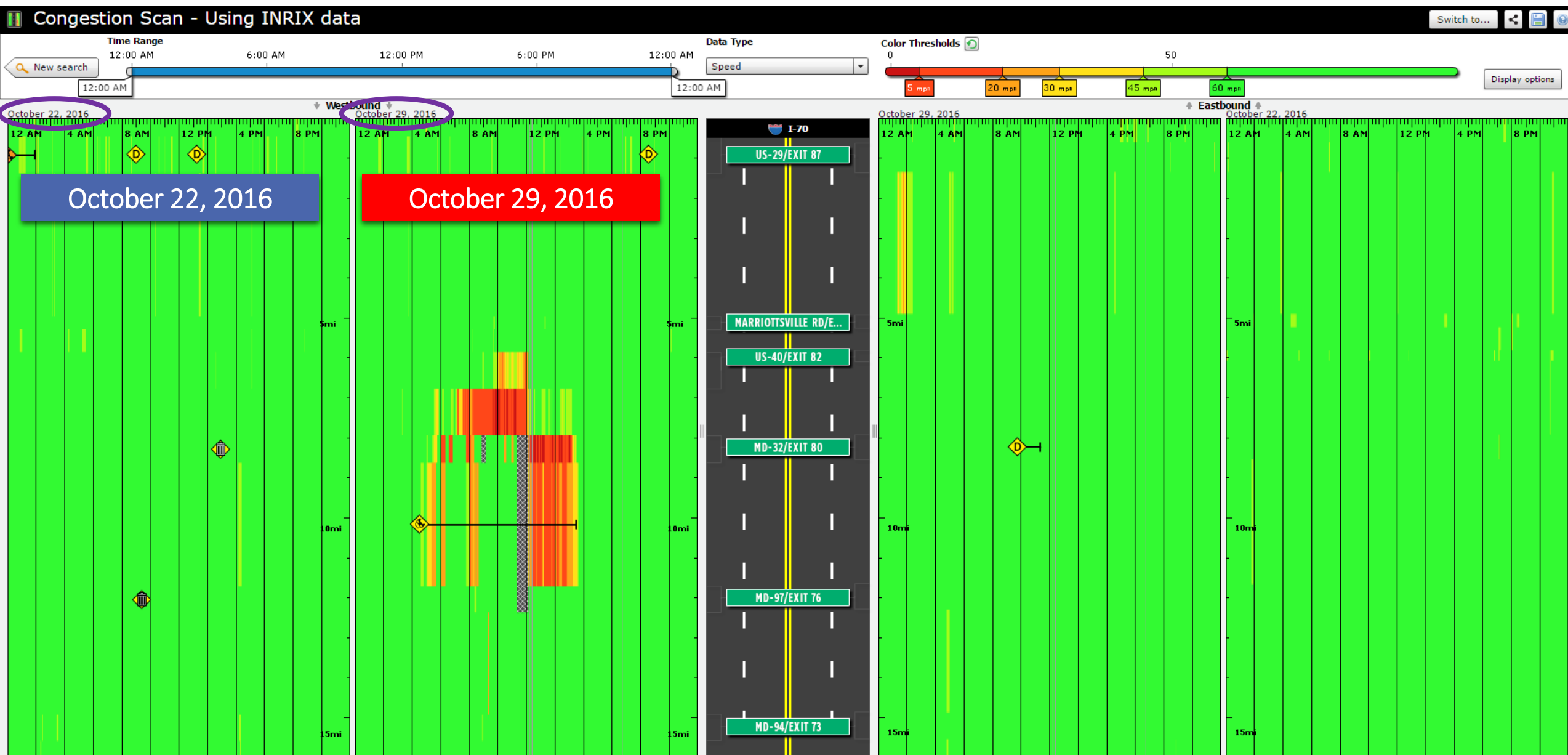
# I-70 fatality incident

- Congestion Scan...
  - Used to view historical extent of the queue
  - Queue graphics are inserted into AARs for emphasis



Analyze temporal and spatial conditions on one or more stretches for road, selecting from several mobility and reliability performance metrics.

# Comparing Oct. 29<sup>th</sup> to the prior Saturday





# I-70 fatality incident

## > User Delay Cost...

- The tool we use more heavily
- Helps put things into dollars and cents, to prove the value of our TSM&O program
- *Crucial* to our program's funding is to prove the benefit of Quick Clearance practices
- By analyzing the cost of a long-duration incident, we can better make the case for additional or improved resources

Example: for this incident, we were able to make the case that the State Police need an adjustment to how it manages it's tow list ( i.e.; a company should be able to prove that it has the necessary equipment for heavy duty operations)



Combine speed data with volume data to estimate the cost of delay (and other measures) due to congestion.

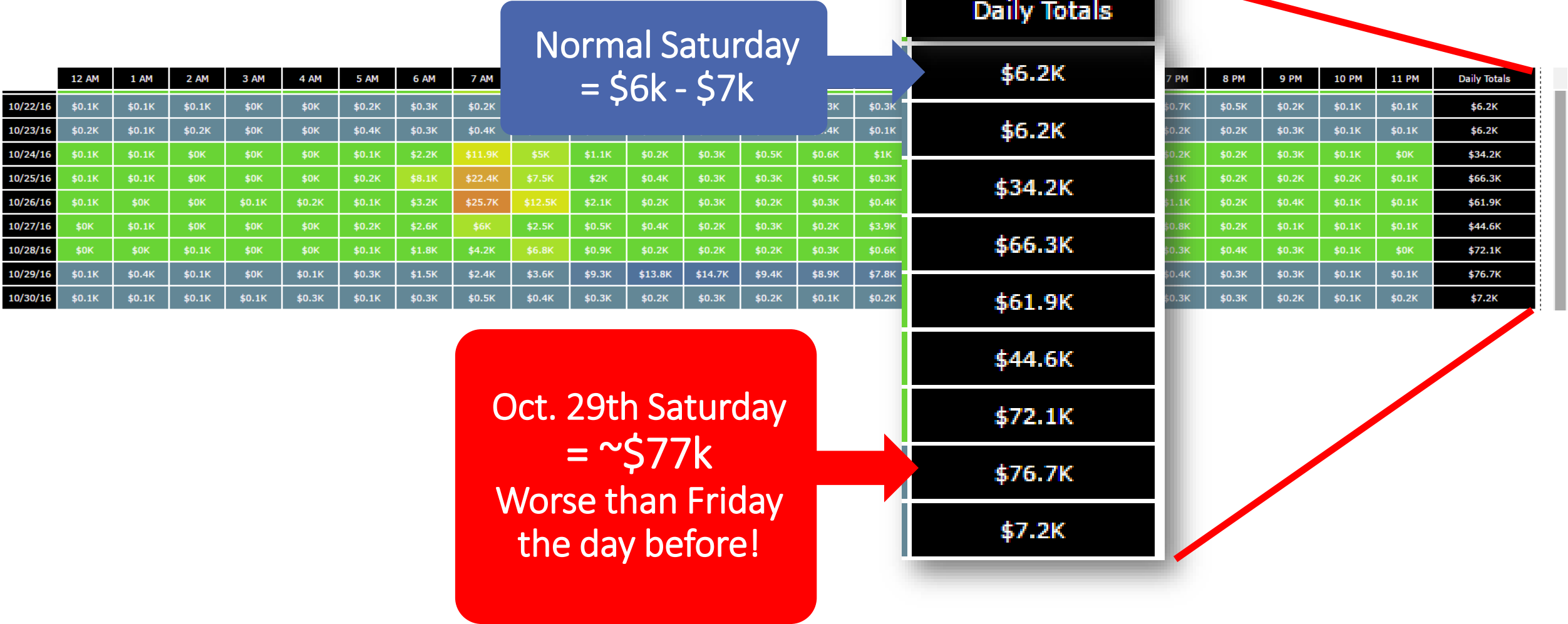
# What's the User Delay Cost on the following roads



Assuming an Average Value of time of:  
\$16.79 per hour (Passenger Vehicles)  
\$86.81 per hour (Commercial Vehicles)

(NOTE: User Delay is calculated any time speeds fall below free-flow)

# User delay on I-70 and nearby arterials



# I-70 fatality incident

## › Takeaways...

### — Now I get it

- Tools provide quick access to data and show the benefits of quick clearance practices and the value of TSM&O Programs

### — It is all about justification

- Gives ammunition for requests for funding, positions, and equipment

### — It is not a perception, it's a reality

- Tools provide data-backed conclusions for After-Action Reports
- Assists with making cases to external (and internal) partners about improving current practices
- Over time, we can analyze trends along individual corridors

# Thanks!



For more information, please contact:

**Jason Dicembre**  
**TMC Operations SOC Manager**  
Maryland Department of Transportation  
State Highway Administration  
Office of CHART & ITS Development  
[jdicembre1@sha.state.md.us](mailto:jdicembre1@sha.state.md.us)

In the spotlight...

# RITIS Situational Awareness Capability: Emergency Management Partnerships

Andrew Worrell

District of Columbia Homeland Security and  
Emergency Management Agency







# IC3 RITIS User's Group Brief

RITIS Situational Awareness Capability: Spotlight on Emergency Management Partnerships



# Agenda

- › Information Collection and Coordination Center (IC3) background
- › National Capital Region (NCR) Composition
- › Alert Notification Message Analysis
- › RITIS-based Essential Elements of Information (EEI)
- › Cascading Impacts/Consequence Management
- › Dashboard Management/RITIS Integration
- › Summary of RITIS Advantages
- › Contact Information



# Information Collection & Coordination Center (IC3)

## › IC3 Mission

- Improve regional situational awareness
- Enhance regional coordination of information

## › IC3 Objectives

- Identify regional priorities for information sharing
- Monitor emerging incidents and potential threats, and provide regionally-focused situational awareness – beyond Notification

## › IC3 Outputs

- RICCS-based Alert Messaging – SPOT Reports based on CIR thresholds
- Dashboard Incident Management
- ✓ 21 Incident Types, Critical Information Requirements - Thresholds
- ✓ Federal, State, and Local jurisdictional partners



# National Capital Region (NCR)

- › The National Capital Region (**NCR**) is comprised of 23 jurisdictions, including the District of Columbia



Additional Information: <https://www.mwcog.org/about-us/cog-and-our-region/local-governments/>



# Alert notification analysis

**MATOC Alert: TT Crash. I-95 SB past MD-32. Ho Co, MD.**  
MATOC Alerts <conf-1186802727@everbridge.net>

Associated to CIR

Sent: Thu 3/2/2017 2:47 PM  
To: hsema, NCRIC3

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**MATOC can be reached by email at [operations@matoc.org](mailto:operations@matoc.org)**

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For your situational awareness;

Incident: Tractor Trailer Crash (involving overturned tractor trailer)  
Location: I-95 SB past MD-32 (Exit 38). Howard County, MD.

**All southbound lanes are blocked; traffic is being diverted to MD-32. Motorists stuck past the diversion point are being allowed past the incident using the right shoulder. Southbound delays to MD-32 begin at MD-175, approximately 3 miles. Heavier than normal traffic should be expected on MD-295 and US-29.**

RITIS Timeline: [https://timeline.ritis.org/timeline/?incidentId=MDOT\\_CHART\\_7b00b711bb7300b80058fa2ec4235c0a](https://timeline.ritis.org/timeline/?incidentId=MDOT_CHART_7b00b711bb7300b80058fa2ec4235c0a)

MATOC Operations  
301-614-3703

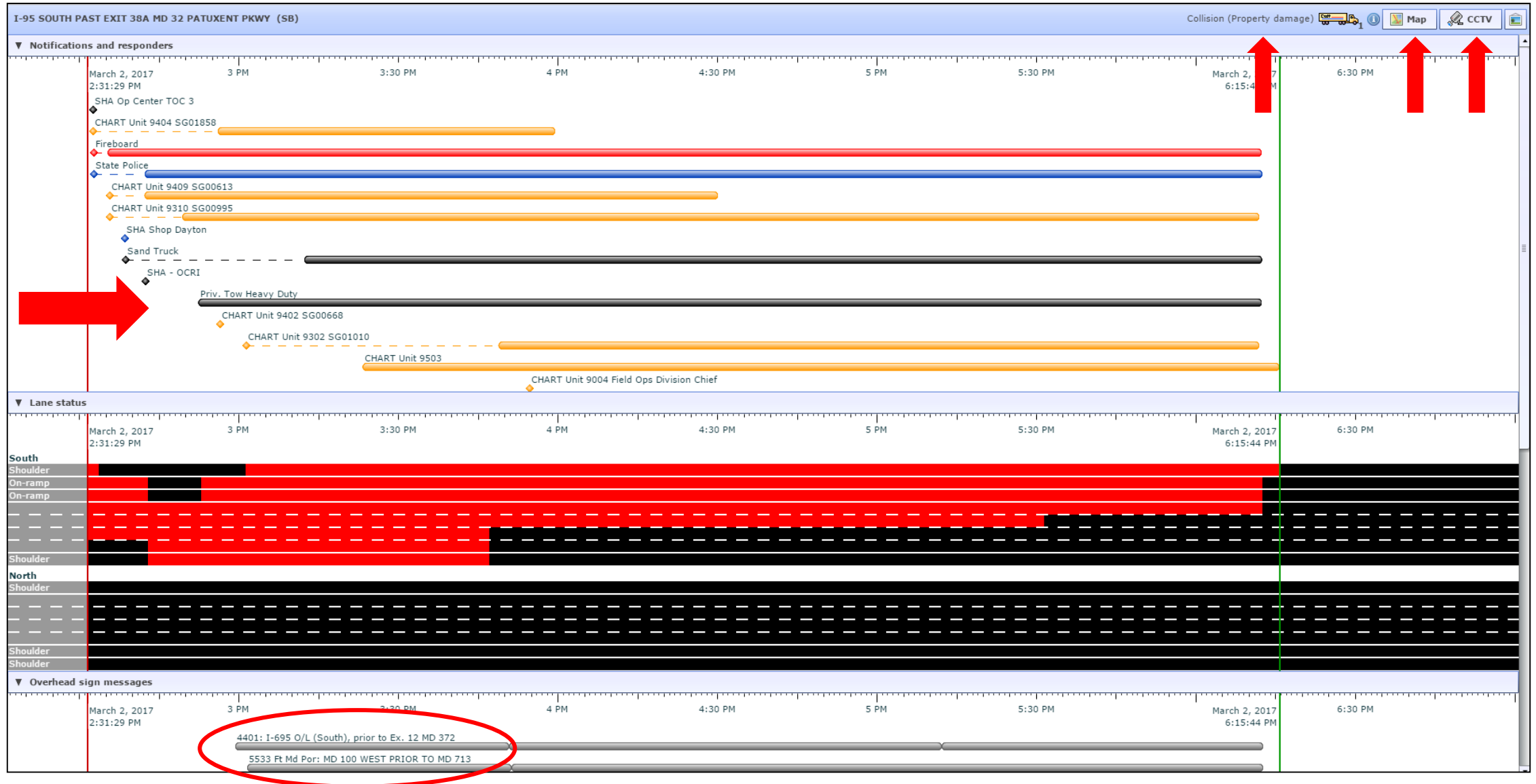
---

*Sent by MATOC Staff via MATOC Alerts notification system*

- ## Analyzing Incident Characteristics:
- > Incident Type
  - > Thresholds
  - > Critical Info Reqmts. (CIRs) components
  - > Essential Elements of Info (EEl)s

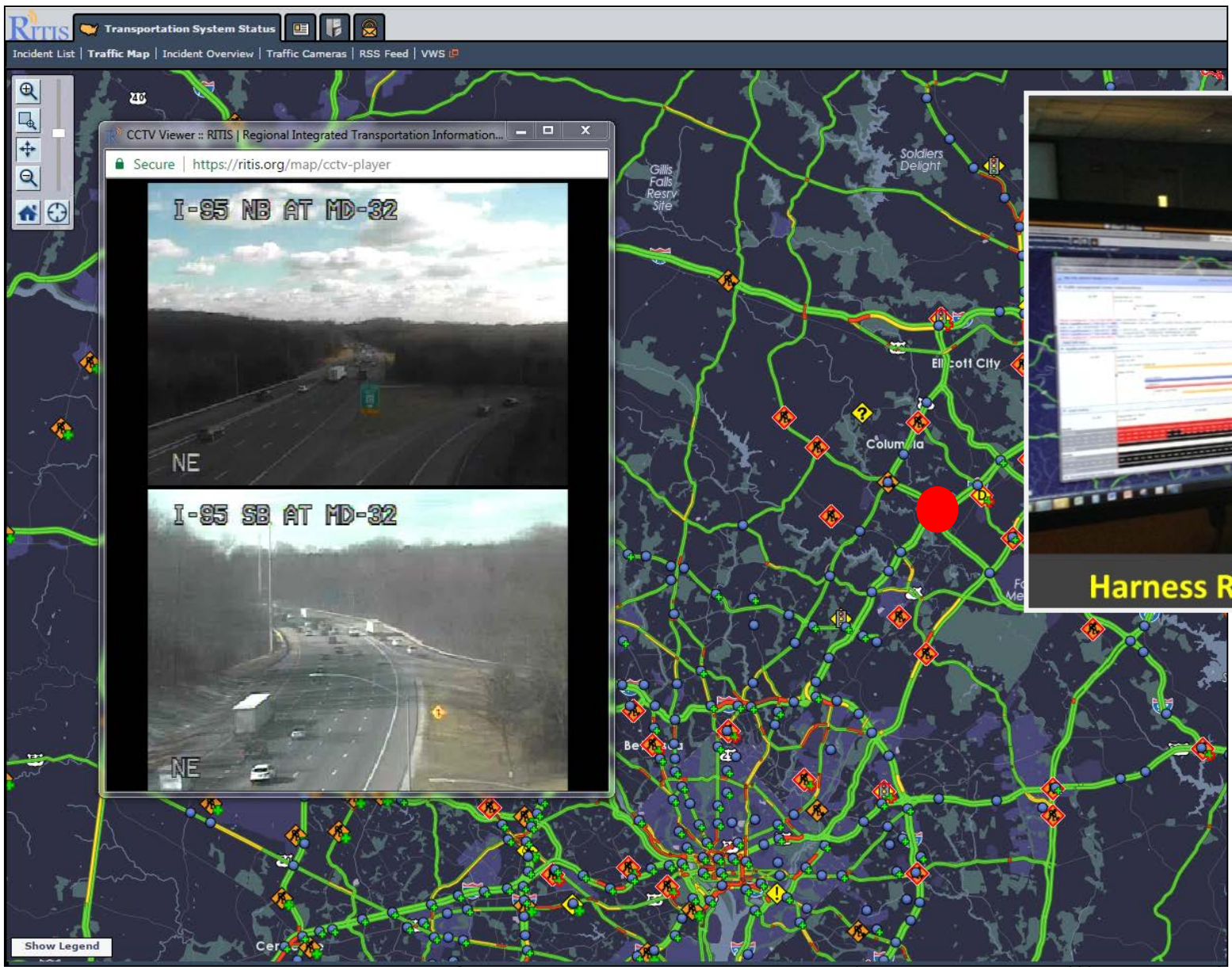


# RITIS-based incident EEI development





# Cascading impacts/consequence management



Harness RITIS power in real time





# Dashboard management/RITIS integration

- › Operators View at HSEMA, FFX, MGC, ARL, and PGC

The screenshot displays the RITIS dashboard interface, which is divided into four main sections:

- Alert Inbox:** A list of alerts with columns for Subject, From, To, and Date. It includes details for a 'FW: FINAL: Disabled Auto: NB 395' alert.
- Activity/Incident:** A section for managing incidents, showing a list of activities and a detailed view of a 'SafeTrack Surge #10: NoMa-Gallaudet to Fort Totten' incident.
- Event File:** A section for managing event files, showing a list of files and a detailed view of the 'EV01-05JN16: WMATA Safe Track Surge Master File'.
- GIS:** A map view showing the location of incidents and alerts, with markers for various locations.

## Alert Inbox

- Alert triage
- Incident Creation

## Activity/Incident

- CIR trigger
- Threshold exceeded
- Log Entry
- EEIs
- GIS location

## Event File

- Multi-Incident/Alert association
- Log Entry
- TDIs
- Consequence Management

## GIS

- Map Overlays



# Advantages of RITIS

- › Increases efficiency for Alert Messaging
- › Comprehensive tools and resource information
- › Vetted information
- › Ability to develop Essential Elements of Information (EEIs)
- › GIS capabilities with multiple layers:
  - Cameras (DDOT, MDOT, VDOT)
  - Multiple Incident types
  - Probe Speed Data
  - Metro / Public Transit Routes
  - Weather Radar





# HSEMA Contact Information

## > JAHOC Watch Desk

- [EMADC.ECC@dc.gov](mailto:EMADC.ECC@dc.gov)
- 202-727-6161

## > FEMA-NCR Watch Desk

- [FEMA-NCR-WATCH@fema.dhs.gov](mailto:FEMA-NCR-WATCH@fema.dhs.gov)
- 202-610-1483

## > IC3 Watch Desk

- [NCRIC3.hsema@dc.gov](mailto:NCRIC3.hsema@dc.gov)
- 202-481-3191



# Thanks!



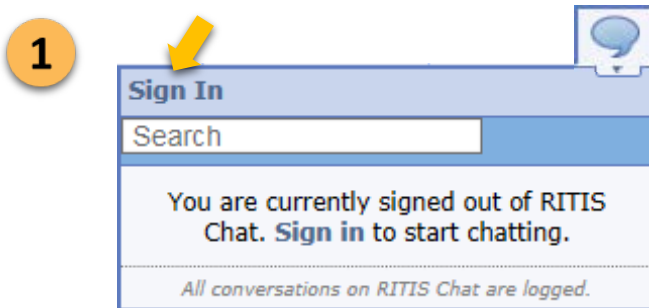
For more information, please contact:

**Andrew Worrell**  
**IC3 Program Manager, Operations**  
District of Columbia Homeland Security and  
Emergency Management Agency  
[Ncric3.hsema@dc.gov](mailto:Ncric3.hsema@dc.gov)





# Using chatroom in RITIS

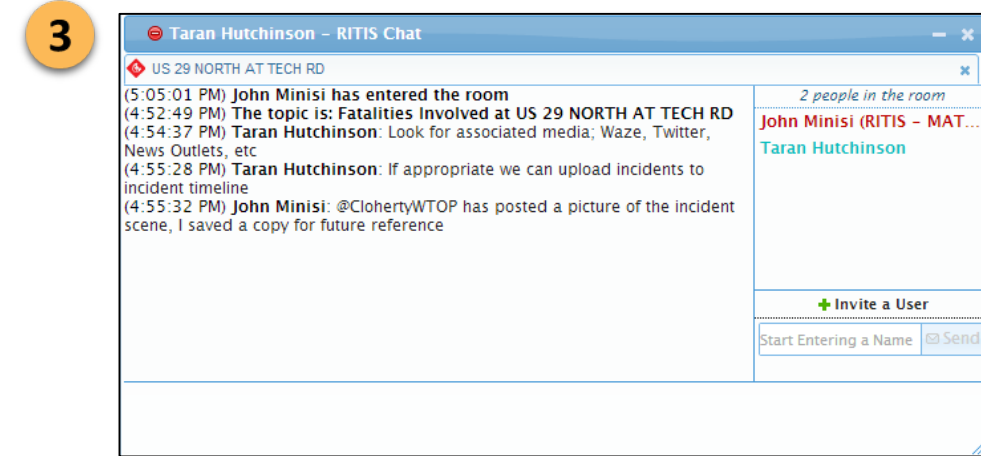
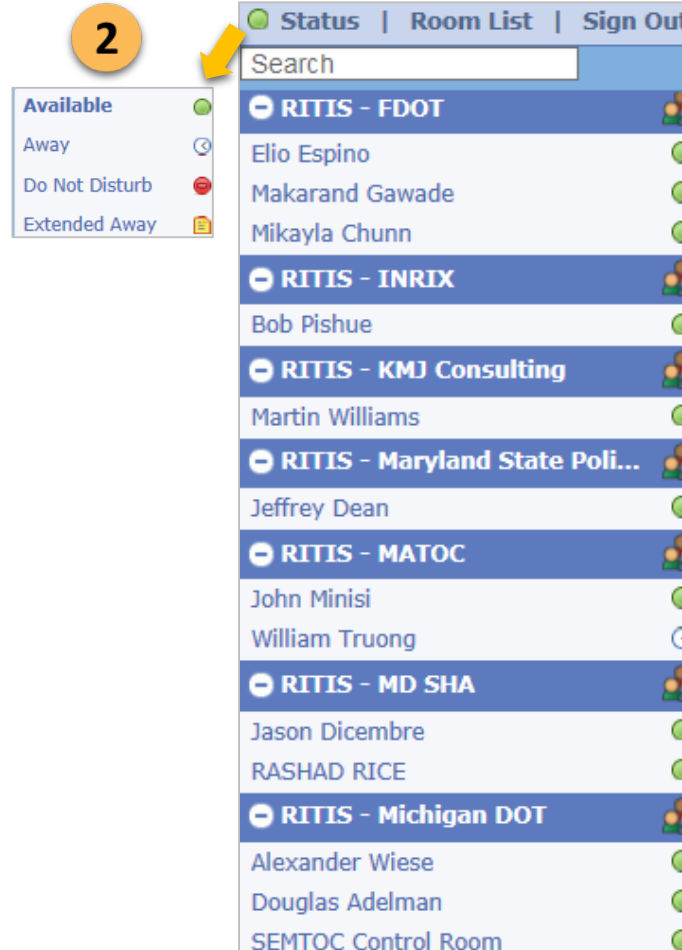
> Sign into RITIS Chat to be part of the action...



1 Click "Sign In"

2 From the drop down, click on a user and start chatting, or;

3 Click on an Event icon   to join a specific event chat



# Setting your Region of Interest

- › Cutting down on clutter in the Incident List...

← → ↻ Secure | https://www.ritis.org/traffic/

**RITIS** **Transportation System Status** Welcome Michael Pack!

**Incident List** | [Traffic Map](#) | [Incident Overview](#) | [Traffic Cameras](#) | [RSS Feed](#) | [VWS](#) | [WZPMA](#) | [RITIS Meeting](#) | **Set Region of Interest** | [Set Filters](#) | [Use Night Colors](#) | [Fullscreen](#)

Showing: 1 - 100 (of 1527 incidents) 1 2 3 4 5 ... 16 Next »

Source	Location	Type	Updated ↑	Start Time	Lane Status	Description
MDOT_CHART	FREDERICK COUNTY: US-15 SOUTH BETWEEN		less than a min ago	1 min ago	South  North	CHRIS 717.778.1520
MDOT_CHART	I-895 NORTH/SOUTH AT MP 9.4 (BALTIMORE)		less than a min ago	29 mins ago	South  North	
MDOT_CHART	US 50 WEST AT MP 34.3 (BAY BRIDGE) LANE 1,2 AND 3		less than a min ago	1 hr 46 mins ago	West  East	
MDOT_CHART	MD 97 SOUTH AT UNIVERSITY BLVD W		1 min ago	33 mins ago	South  North	202-812-2226
WAZE	I-83		1 min ago	1 min ago	—	Roadwork on I-83 southbound between .4 miles south of Exit 50: US 22 WEST - PROGRESS and .6 miles south of Exit 48: UNION DEPOSIT ROAD. There is a traffic disruption.
WAZE	I-70		1 min ago	1 min ago	—	Roadwork on I-70 westbound between Exit 21: I-79 SOUTH - MORGANTOWN and Exit 20: PA 136 - BEAU STREET. There is a lane restriction.
WAZE	I-70		1 min ago	1 min ago	—	Accident at I-70 E
WAZE	BALTIMORE PIKE		1 min ago	1 min ago	—	Roadwork on PA 194 both directions between SHIPPENSBURG RD and CREEK RD. There is a lane restriction.
WAZE	I-83		1 min ago	1 min ago	—	Accident at I-83 N

University of Maryland CATT Lab ( [Contact Us](#) ) ( [Release Notes](#) ) © 2008 - 2017 Mar 08, 2017 - 9:01 PM

# Setting your Region of Interest

- Cutting down on clutter in the Incident List...
- Applies ONLY to the LIST

The screenshot shows the RITIS Transportation System Status web application. A modal dialog box titled "Set Region of Interest" is open, overlaying the main map and incident list. The dialog contains a map of the Baltimore area with a blue rectangular region of interest selected around the I-95 corridor. Text inside the dialog explains that setting a region of interest will filter the incident list to show only events within that area. Below the map are buttons for "Select Region", "Clear Region", "Cancel", and "Done".

Once you have set a region of interest the incident list will only show you events within this region. Click 'Done' to make the selected region your region of interest. Click 'Clear Region' to clear the selected area.

Buttons: Select Region, Clear Region, Cancel, Done

Background Incident List (partial view):

Source	Location
MDOT_CHART	I-895 NORTH/MP 9.4 (Baltimore)
MDOT_CHART	I-695 COUNTY EAST FR
MDOT_CHART	US 15 S BETWEEN W PATRI
MDOT_CHART	I-81 SO 9 MAUG (SB)
MDOT_CHART	US 50 E 33 (BAY WEST LA
MDOT_CHART	US 50 W 34.3 (BA LANE 1,
WAZE	I-70
WAZE	I-83
WAZE	I-83
WAZE	BALTIMO
WAZE	SR-481

# Applying filters

- But don't forget about them...
- The apply to the MAP and the LIST

The screenshot shows a 'Set Incident Filters' dialog box with the following settings:

- ☒ Show me events where...
  - ☒ Data Source is equal to ▼ GDOT
  - or FDOT
  - or
- ☒ Closed Lanes is greater than ▼ 2
- ☒ Incident Type is not equal to ▼ roadwork
  - or unknown
  - or
- ☒ Incident Attributes is equal to ▼ bomb threat
  - or bomb exploded
  - or earthquake
  - or
- ☒ Road is equal to ▼ I-495
  - or
- ☒ Percent of Closed Lanes is greater than ▼ 50
- ☒ Update Time is less than 5 minutes ▼ in the past

**Selected Incident Filters Summary**

Data Source is equal to GDOT, FDOT.  
Closed Lanes is greater than 2.  
Incident Type is not equal to roadwork, unknown.  
Incident Attributes is equal to bomb threat, bomb exploded, earthquake.  
Road is equal to I-495.  
Percent of Closed Lanes is greater than 50.  
Update Time is less than 5 minutes in the past.

Buttons: Reset, Done

Background interface shows a list of incidents with details like 'between SHIPPENSBURG RD and', 'A: HUNKER. There is a ramp', 'ker', 'ound at GOLDEN OAKS RD. There', 'both directions between PLANT RD', 'lane restriction.', 'RD southbound between QUARRY', 'lane restriction.', '.4 miles north of Exit 57: PA 114', 'of Exit 59: PA 581 EAST TO US 11'.

Top bar: Welcome Michael Pack! | Set Filters | Use Night Colors | Fullscreen

Bottom bar: ease Notes ) © 2008 - 2017 | Mar 08, 2017 - 9:08 PM



# RITIS roadmap

Calendar Year 2017

## Q1 2017

- Separate Planned Events Layer
- WAZE Data Integration
- Flash migration for Probe Data Analytics
- Evacuation Documents Upgrade
- Basemap updates
- New CCTV Feed Integration
- Additional Agency-funded Customization/New Features\*
- Additional Agency-funded new data sources<sup>†</sup>

## Q2 2017

- WAZE Data aggregation and speed improvements
- National Transit Data Integration through GTFS Feeds (real-time and schedules)
- Flash Migration for Timeline
- Basemap Updates
- Dashcam CCTV integration for MDSHA
- Additional Agency-funded Customization/New Features\*
- Additional Agency-funded new data sources<sup>†</sup>

## Q3 2017

- Tiling infrastructure modernization
- Evacuation Documents Upgrade
- Basemap updates
- CCTV Enhancements
- Weather Radar Mapped to TMCs
- WAZE Analytics
- Additional Agency-funded Customization/New Features\*
- Additional Agency-funded new data sources<sup>†</sup>

## Q4 2017

- Basemap updates
- Police/Fire/Rescue Radio Audio on Timelines
- Evacuation Documents Refresh
- RITIS Input early designs
- TBD
- Additional Agency-funded Customization/New Features TBD
- Additional Agency-funded new data sources TBD<sup>†</sup>

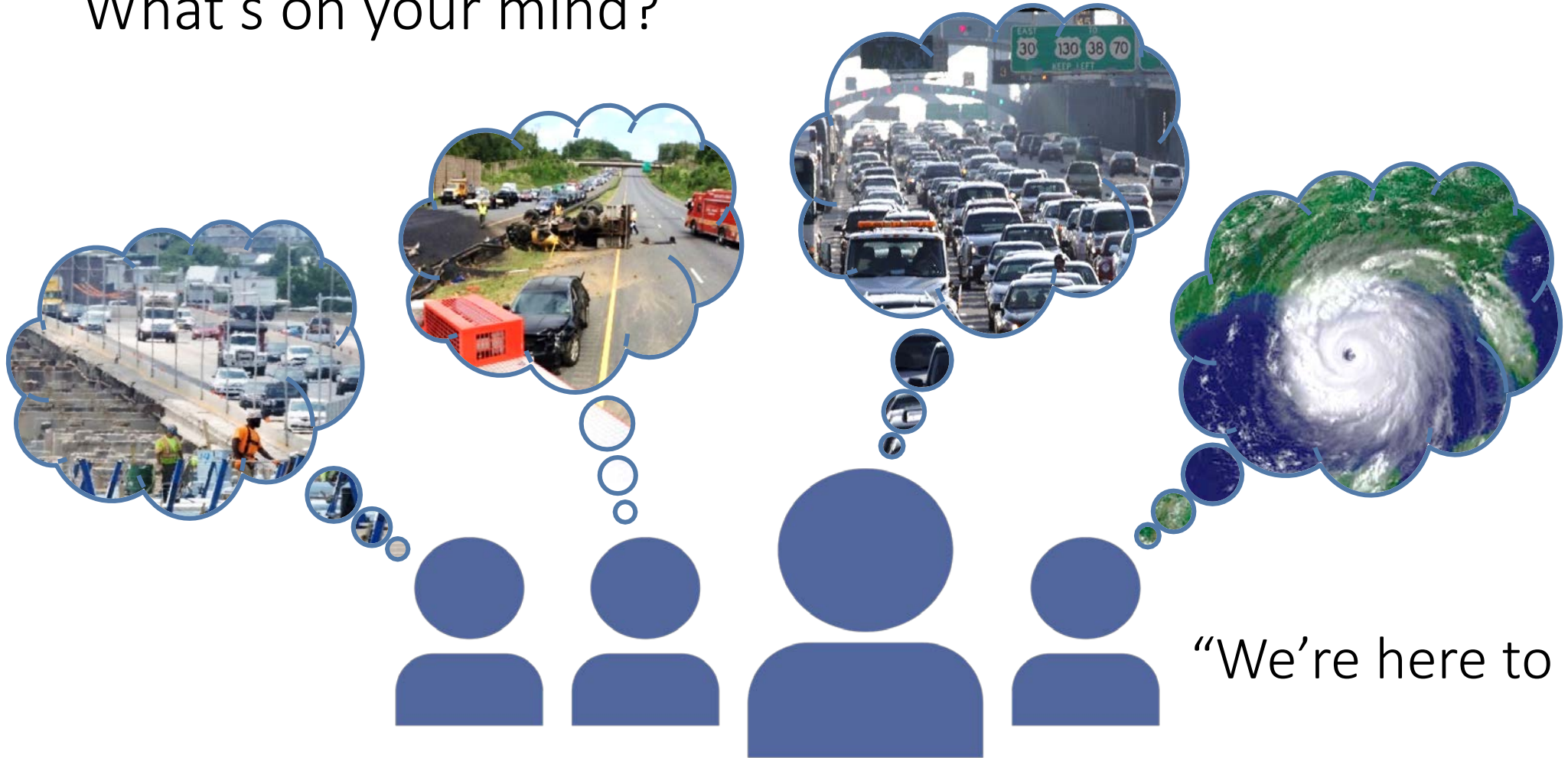
**NOTE:** Final list of priorities to be defined and prioritized with guidance from the RITIS User Group which will consist of members from each state in operations, planning, and research.

\* - each state has the option of customizing features and/or building new functionality if state funding is available.

† - each state has the option of adding new data sources as requested if state funding is available.

# Agency input session

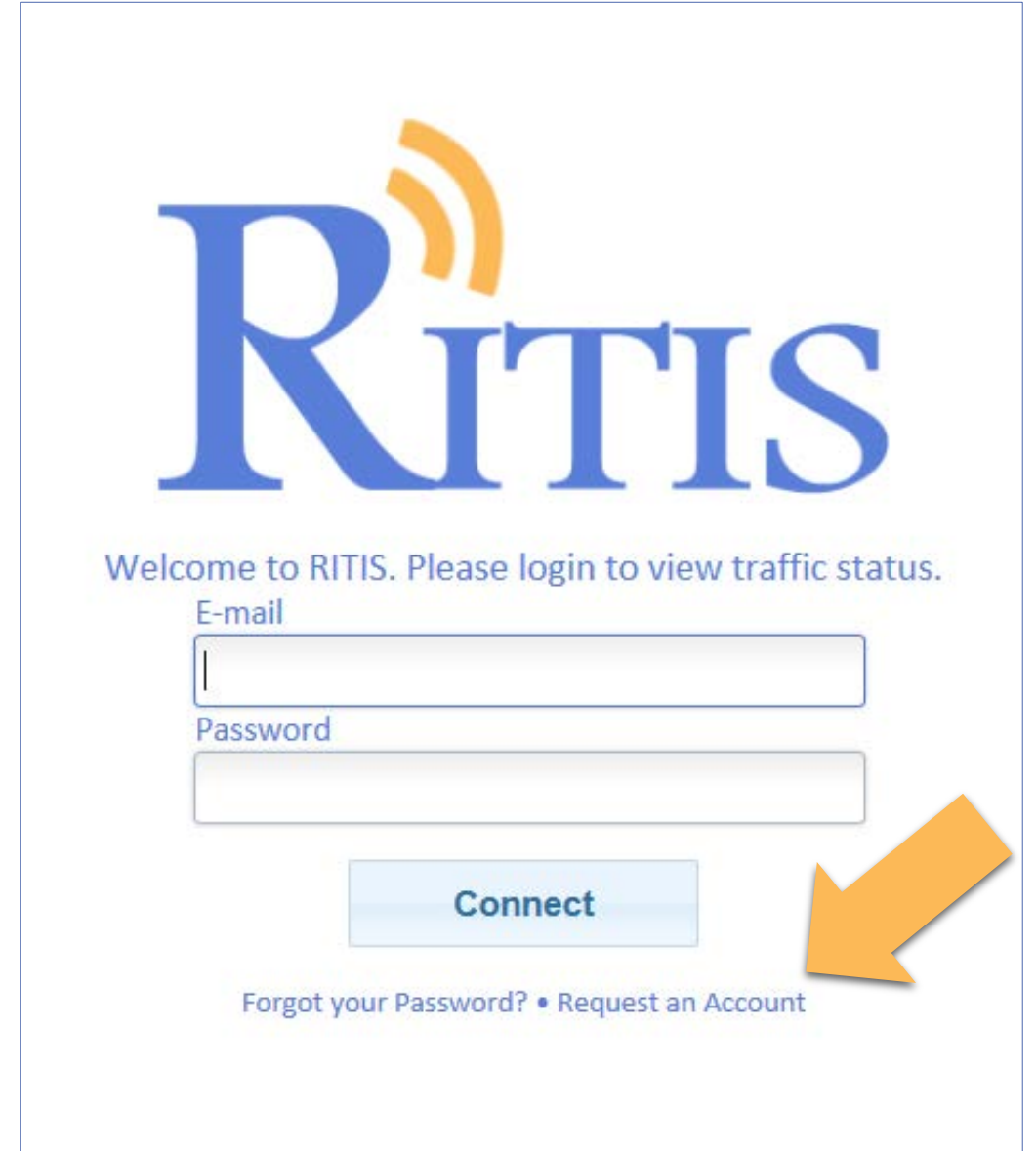
“What’s on your mind?”



“We’re here to help!”

# Reminder: How to get access

- 1 [www.ritis.org](http://www.ritis.org)
- 2 Click “Request an Account”
- 3 You’re on your way...



The screenshot shows the RITIS website's login interface. At the top is the RITIS logo, featuring a large blue 'R' with an orange signal icon above it, followed by 'ITIS' in blue. Below the logo is the text 'Welcome to RITIS. Please login to view traffic status.' There are two input fields: 'E-mail' and 'Password'. Below these fields is a light blue 'Connect' button. At the bottom, there is a link that says 'Forgot your Password? • Request an Account'. A large orange arrow points from the bottom right towards the 'Request an Account' link.

**RITIS**

Welcome to RITIS. Please login to view traffic status.

E-mail

Password

**Connect**

[Forgot your Password?](#) • [Request an Account](#)

# Member involvement (a reminder)

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

# Free RITIS training

- › **MATOC Staff** offer free monthly webinars to transportation, public safety, and emergency management agencies interested in incorporating the RITIS platform into their operations.



## Remaining 2017 Webinar Schedule

### RITIS 101 Learn the Basics

- March 24<sup>th</sup>
- May 26<sup>th</sup>
- July 28<sup>th</sup>
- September 22<sup>nd</sup>
- November 17<sup>th</sup>

### RITIS Refresher / Advanced Features

- April 28<sup>th</sup>
- June 23<sup>rd</sup>
- August 25<sup>th</sup>
- October 27<sup>th</sup>
- December 15<sup>th</sup>

If you are interested in attending a webinar or would like additional information about these sessions please email:

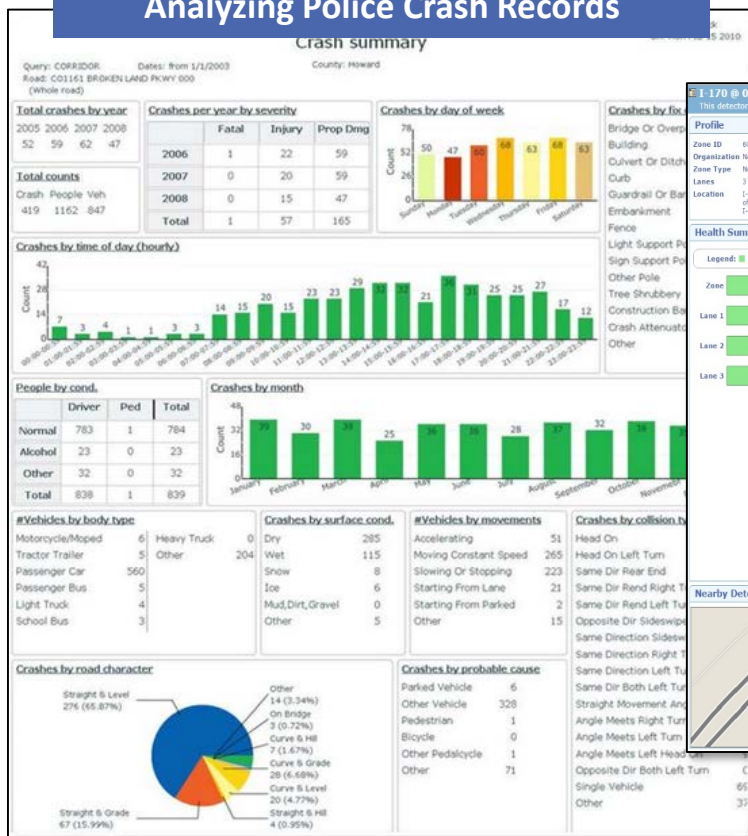
[training@matoc.org](mailto:training@matoc.org)



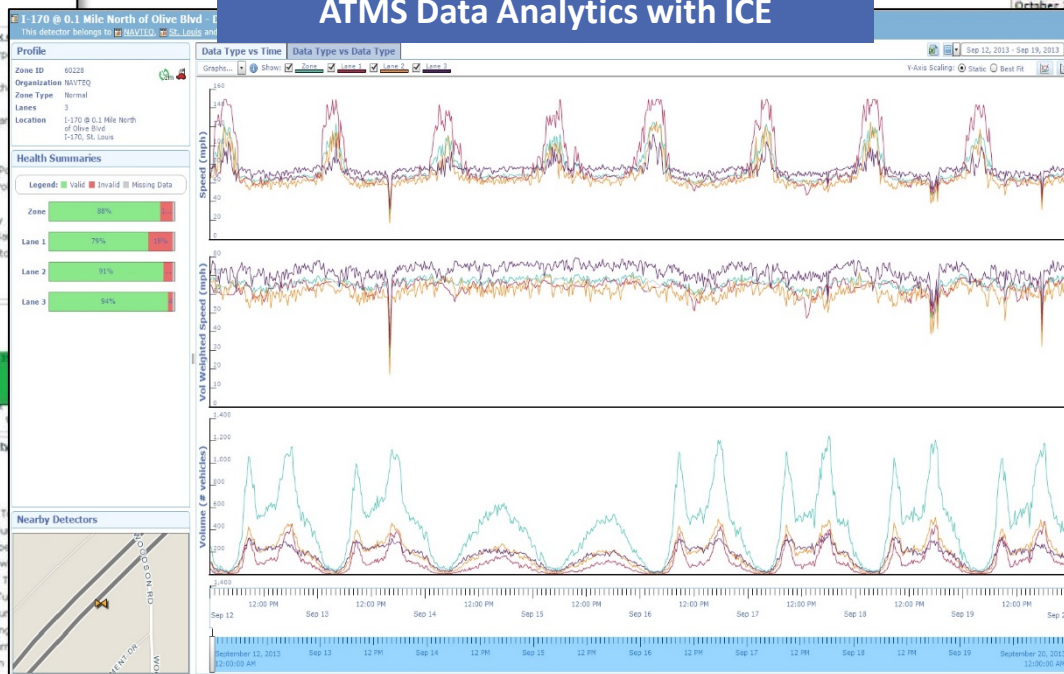
# Free video tutorials

› Not sure how to use the tools? Come watch a video!

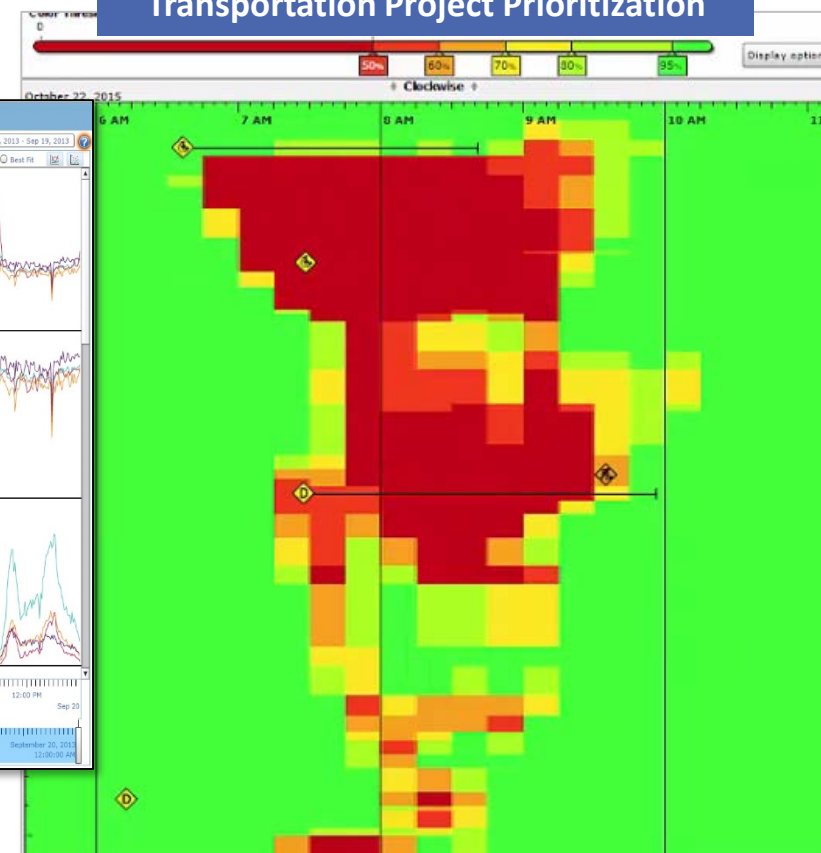
## Analyzing Police Crash Records



## ATMS Data Analytics with ICE



## Transportation Project Prioritization



<https://vimeo.com/179830512>

<https://vimeo.com/179841494>

<https://vimeo.com/179829037>

(More are available; new videos added regularly)

# Next steps

- ✓ Schedule in-person (optional) User Group Meetings which will include
  - ✓ hands-on training
  - ✓ First-look feature review
  - ✓ Early design feedback
  - ✓ Agency tour
- ✓ Announce co-chairs later this month
- ✓ Identify Agency Use-Cases and/or AARs for the next User Group Meeting



# Contact info

## **I-95 Corridor Coalition TSMO**

> Denise Markow | 301.789.9088 | [dmarkow@i95coalition.org](mailto:dmarkow@i95coalition.org)

## **RITIS technical support**

> [support@ritis.org](mailto:support@ritis.org)

# Thanks!

These slides will be made available after the call

## Next meeting

June 8<sup>th</sup>, 2017 ◦ 10:30 AM – 12:00 PM

