



# Member Roundtable Discussions

**\*Presenters:** Please use the clicker to advance your own slides.  
Please allocate time for Q&A in your 10 minutes.

**\*\*A timekeeper will be keeping time.**



# Presentation Order

- |                  |               |                  |
|------------------|---------------|------------------|
| 1. Utah          | 8. Indiana    | 15. Nevada       |
| 2. West Virginia | 9. Iowa       | 16. New Jersey   |
| 3. Wisconsin     | 10. Louisiana | 17. New York     |
| 4. Alabama       | 11. Maryland  | 18. Ohio         |
| 5. Delaware      | 12. Michigan  | 19. Pennsylvania |
| 6. Florida       | 13. Minnesota | 20. Tennessee    |
| 7. Georgia       | 14. Missouri  | 21. Texas        |

# Utah Department of Transportation



**Chris Siavrakas, P.E., PTOE**  
**Traffic Operations Engineer**  
**Utah Department of Transportation**  
[csiavrakas@utah.gov](mailto:csiavrakas@utah.gov)

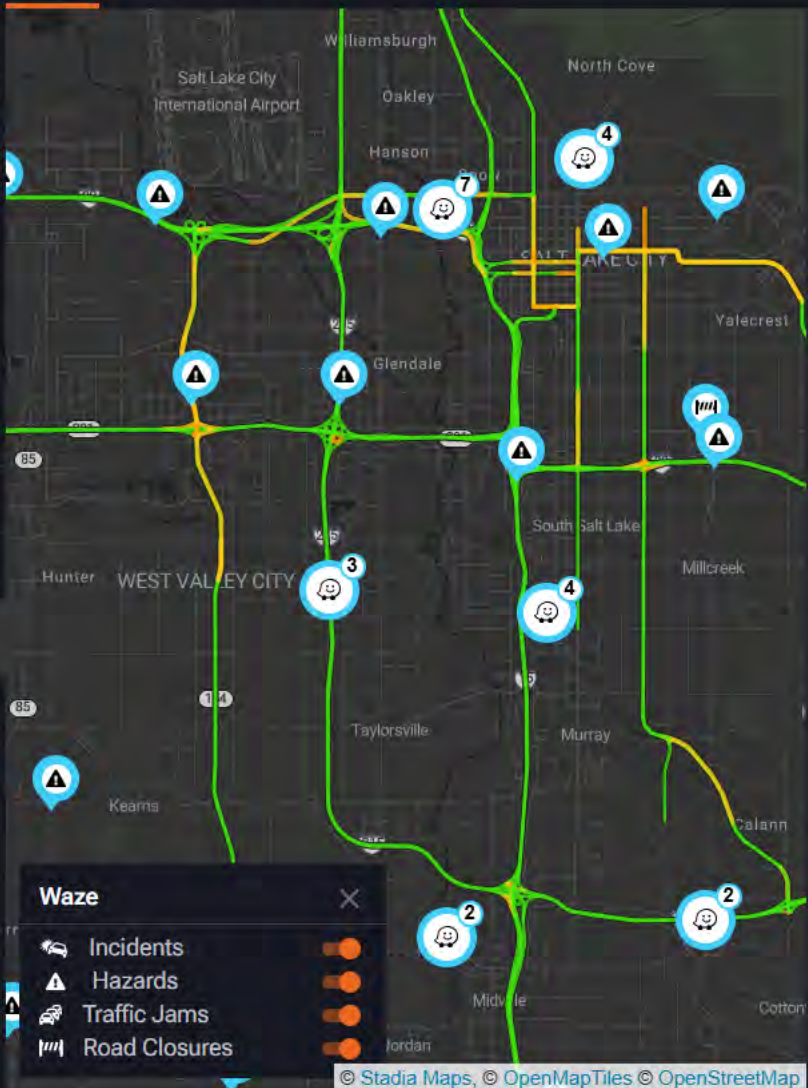
# Technical enhancements



# Technical enhancements

- TMS enhancements
  - Working with SwRI on UI features
  - Migration of our Variable Speed Limit system
  - Migrating partners to new system
- Beehive Data Exchange (BDX)
  - Setting up route alerts for congestion and back of queue warning development.
  - Publish Events to WAZE, can confirm back in our BDX dashboard
  - Working with Iteris (UDOT Clearguide contract) and South Carolina DOT for their congestion alert feature.
  - Connected vehicle data with new vendor – Parsons iNet
    - Successful end-to-end of TIM message transfer from system to system.
  - ATOM Asset management integration
  - WZTC – connecting with one.network for tracking work zones
  - Exploring running a sandbox for Video AI Analytics
    - Would love some input on vendors promises and the cost to run such a system.

- Traffic
- Events
- Incidents
- Construction / Work Zones
- Special Events
- Waze
- Weather
- Other
- Map Styles
- Clear All Layers



Current **Historic**

Select Columns

Search

Drag a column header and drop it here to group by that column

Event ID	Location	Start	End	C...	Se...	Type	Description	Age...	C.	O...
13988	I-215	09/04/25 09:05 AM	09/04/25 11:07 AM	🚗	Minor	Crash	UDOT: Crash on I-215 eastbound at I-215 E MM 8.7. No Lanes Blocked.	UDOT	📍	🔗
13990	US 89	09/04/25 09:23 AM	09/04/25 09:43 AM	🚗	Minor	Crash	UDOT: Crash on US 89 southbound at 6903 Highway 89 MM 406.2. No Lanes Blocked.	UDOT	📍	🔗
13989	SR 36	09/04/25 09:08 AM	09/04/25 09:28 AM	🚗	Minor	Crash	UDOT: Crash on SR 36 north at N Main St at 1000 N MM 55.8. No Lanes Blocked.	UDOT	📍	🔗
13986	I-15	09/04/25 08:07 AM	09/04/25 09:18 AM	🚗	Minor	Crash	UDOT: Crash on I-15 southbound at I-15 S MM 271.2. Right Lane (of 6 Lanes) Blocked, Right Shoulder Blocked.	UDOT	📍	🔗
13981	SR 13	09/04/25 07:18 AM	09/04/25 09:16 AM	🚗	Minor	Crash	UDOT: Crash on SR 13 north at 13687 N 5400 W MM 23.4. No Lanes Blocked.	UDOT	📍	🔗
13987	SR 173	09/04/25 08:32 AM	09/04/25 09:00 AM	🚗	Minor	Crash	UDOT: Crash on SR 173 eastbound at W 5400 N MM 7.2. No Lanes Blocked.	UDOT	📍	🔗
13985	Hwy 36	09/04/25 07:53 AM	09/04/25 09:00 AM	🚗	Minor	Crash	UDOT: Crash on Hwy 36 southbound at Hwy 36 SB @Erda Way. No Lanes Blocked.	UDOT	📍	🔗
13983	SR 130	09/04/25 07:34 AM	09/04/25 08:52 AM	🚗	Minor	Crash	UDOT: Crash on SR 130 southbound at Minersville Rd MM 31.5. No Lanes Blocked.	UDOT	📍	🔗
13982	SR 232	09/04/25	09/04/25	🚗	Minor	Crash	UDOT: Crash on SR 232 north at 2547 N Hill Field Rd MM 1.8. No	UDOT	📍	🔗



# Professional Development

- Not trying to 'Retain' Operators....trying to Develop Operators! We
  - Embrace and support that we have an employment pipeline into other Department positions.
  - Control Room Manager is really adept at screening quality characteristics.
  - We still struggle with people leaving for higher pay...no career ladder.
- Invite operators to technical conferences.
- Develop a year-round structured training, not just the job training.
  - Leadership
  - Preparedness
  - Fitness – Mental, Physical, Emotional
  - Professional
- Leadership
  - Extreme Ownership – Myself and 4 other managers completed the 12 month course
  - Executive Leadership series
  - Department Leadership programs



# Social Development

Bridge between Control Room staff other office and field staff.

- Cinco de Mayo – Chips & Salsa
- Oktoberfest - Warm Soft Pretzels and ‘Beer’ (rootbeer)
- Cornhole tournament
- Fan week - Wear favorite team gear or concert shirt
- Fantasy sports - Football, college bowl, march madness
- Secret Santa
- Tree of Thanks – less formal internal, but show off area for saying ‘Thank you!’
- Summer ice cream treats.



# Utah Department of Transportation

- Contact:

**Chris Siavrakas, P.E., PTOE**  
**Traffic Operations Engineer**  
**Utah Department of Transportation**  
**[csiavrakas@utah.gov](mailto:csiavrakas@utah.gov)**  
**801-718-0019**

# West Virginia Department of Transportation



Ashlee Wilson  
TMC Supervisor/Assistant 511 Coordinator  
Transportation Management Center  
[Ashlee.D.Wilson@wv.gov](mailto:Ashlee.D.Wilson@wv.gov)



## Additions to WV511

- Road and Bridge Closure Report- Provides detailed information regarding planned closures on all WV Routes, including county routes
- Emergency Road and Bridge Closure Report- Provides detailed information regarding emergency closures on all WV511 Routes, including county routes
- Storm/Disaster Report- Provides detailed information regarding closures due to significant weather events
- WV511 Radio- Gives WV511 users the ability to receive local radio information in select locations



## TMC-Wheeling Tunnel/Expansion

- Wheeling Tunnel staff are now classified as TMC Operators
- Operators are currently being trained to perform all TMC Operator functions for their District and are being equipped with new equipment and our ATMS
- We are in the early stages of planning a new location for the Statewide TMC



## Social Media

New and ever-changing X rules/fees pushed us to search for alternate platforms for traveler information

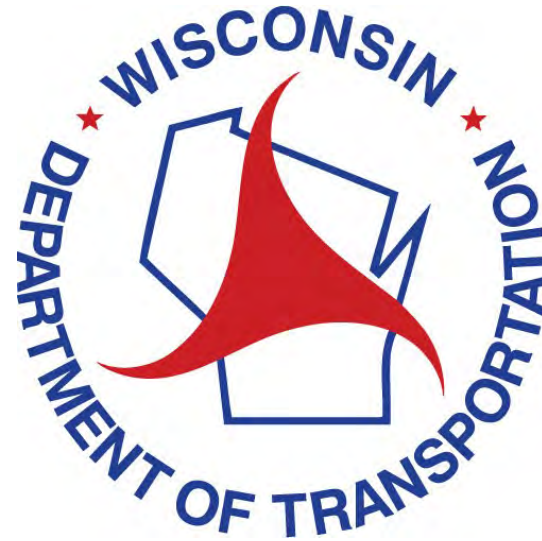
- WV511 now has Bluesky which mirrors all information sent to our X Feeds
- Bluesky and X both have Statewide accounts as well as several other regional accounts



## Contact

- Ashlee Wilson
- TMC Supervisor/511 Coordinator
- WV DOH TMC
- [Ashlee.D.Wilson@wv.gov](mailto:Ashlee.D.Wilson@wv.gov)

# Wisconsin Department of Transportation



**Rebecca Klein**  
**Statewide Control Room Engineer**  
**Wisconsin DOT – Bureau of Traffic Operations**  
[rebecca.klein@dot.wi.gov](mailto:rebecca.klein@dot.wi.gov)



# Roundtable Discussion Topics

Flex Lane Update

WisDOT WZDx Update

Wrong Way Driver Initiative Update

Automatic Incident Detection Update

Connected Vehicle Data Update

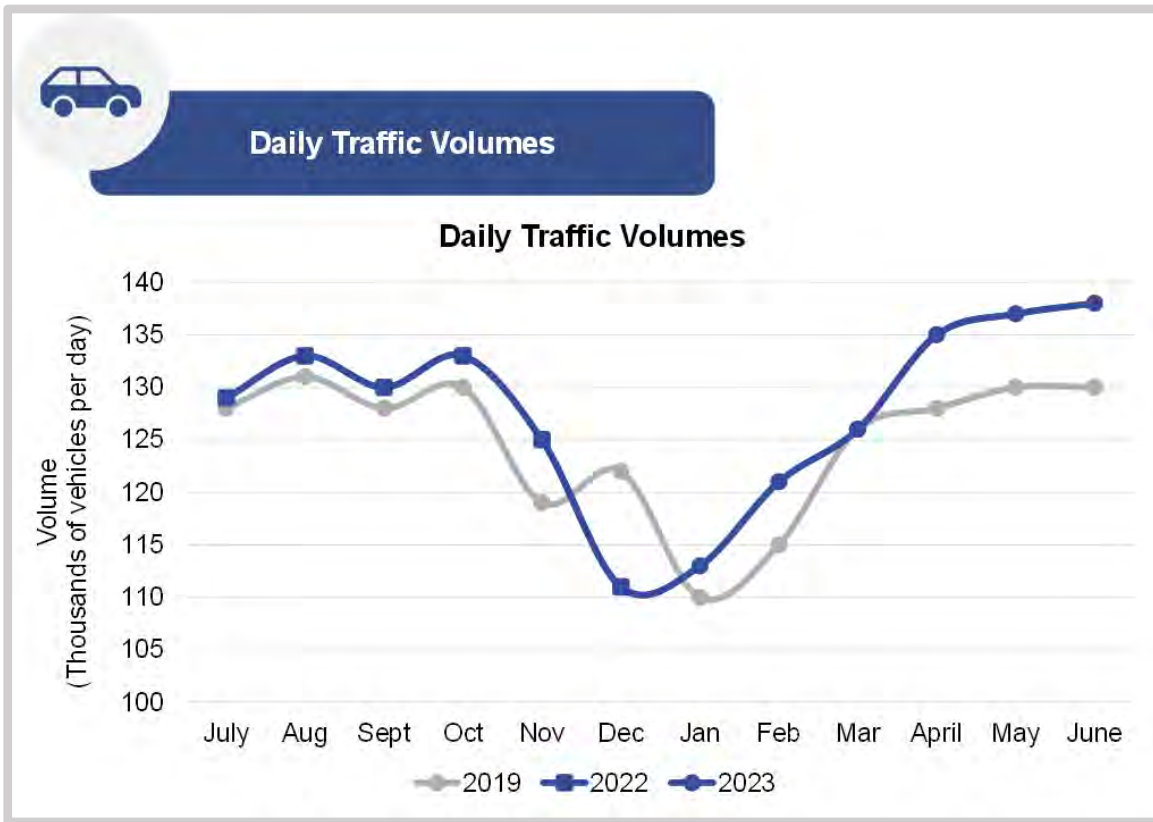


# Flex Lane Update

# Beltline Flex Lane Update



US 12/18 traffic volume prior to and since 2022 Flex Lane construction





# Beltline Flex Lane Update



Lane Blade,  
US12/18 Freeway  
Service Team truck  
Flex Lane support  
contract





# Beltline Flex Lane Update



14 167 - US 12/18 at E of Park St



US 12/18 @ E OF PARK ST





# Beltline Flex Lane Update



Six-month overhaul of Flex Lane training for TMC Operators



# WisDOT WZDx Update



# WisDOT WZDx

- Published WZDx Feed in March 2023
- Planned Lane Closures are based on the Wisconsin Lane Closure System
  - Statewide on all state highways
- Verified Lane closures based on connected devices in the field
- Connected Arrow Boards are required on all projects, removed the specification for a “dumb” arrow board
- Connected Work Zone Location Markers are required on projects with a lane closure (as of now)

# Connected Devices

- WZDx Device feeds from manufacturer's were tested
    - WisDOT has specifications/requirements to be added to APL
  - Approved Devices are on WisDOT APL
    - Connected Arrow Board
    - Connected Arrow Board Retro-Fit Kits
    - Connected WZ Start Marker
    - Connected WZ End Marker
  - Approved Feeds
    - Vermac, Solar Tech, iCone, Street Smart, Wanco
- CONNECTED ARROW BOARDS (provisional only)
    - Meet requirements listed above for 'Arrow Board'
    - The connected arrow board shall be connected to the cloud and provide a data feed compliant with latest the U.S Department of Transportation Work Zone Data Exchange (WZDx) Device Feed specification 4.2.
    - WZDx Device Feed Requirements
      - Make the WZDx Device Feed available via an HTTP GET request
        - The response must be the WZDx Device Feed JSON object without a wrapper
      - The WZDx Device Feed should be public or use "Basic" HTTP Authentication
      - Return WZDx Device Feed with no paging

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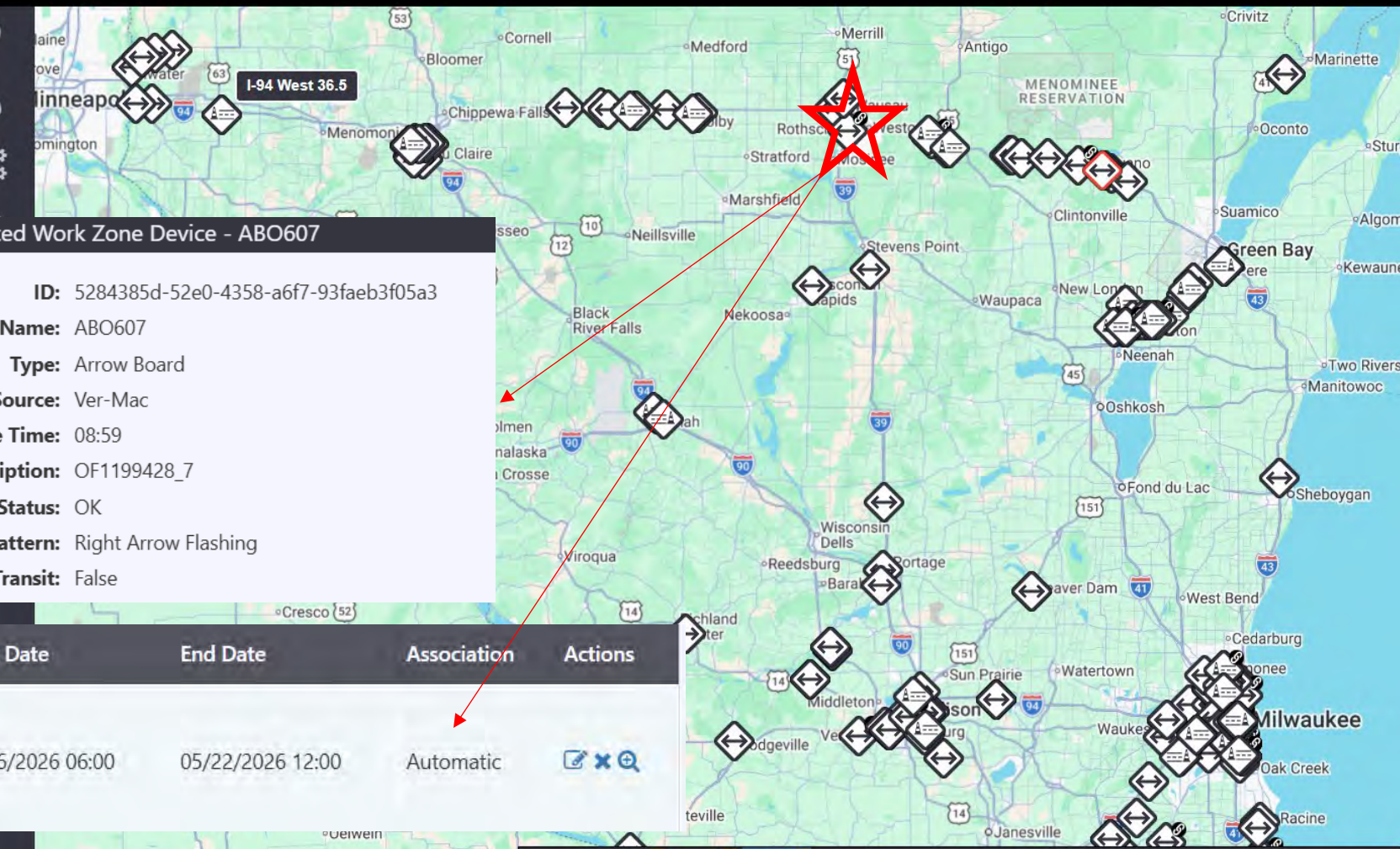
  - Update the WZDx Device Feed a minimum of every 1 minute
  - The property 'id' shall stay the same for the duration of the project.
  - **All devices in the device feed shall use a UUID as the feature ID.**
  - The connected arrow board shall distinguish whether it is active, displaying a pattern or blank/transport mode, symbolizing it is not active.
  - Submit Work Zone Data Exchange Device feed link to [DOTBTOWorkzone@dot.wi.gov](mailto:DOTBTOWorkzone@dot.wi.gov).



# ATMS Overview

- Showing all CAB and WZLM
- Automatic Association vs Manual Association 
- Device Properties and Source

**inSIGHT ATMS**



**Connected Work Zone Device - ABO607**

**ID:** 5284385d-52e0-4358-a6f7-93faeb3f05a3  
**Name:** ABO607  
**Type:** Arrow Board  
**Source:** Ver-Mac  
**Update Time:** 08:59  
**Description:** OF1199428\_7  
**Status:** OK  
**Pattern:** Right Arrow Flashing  
**Is In Transit:** False

Work Zone	Cause	Start Date	End Date	Association	Actions
WisLCS - 721689	guard-rail-work,pavement-work,paving-operation	04/06/2026 06:00	05/22/2026 12:00	Automatic	

*Note: Red arrows point from the 'Automatic' association in the table to the device on the map, and from the 'Automatic' association to the 'Automatic' text in the table.*



# Dashboard

- UW-Madison TOPS Lab created a dashboard to show all connected devices for project staff to verify the devices are working
- All data is archived

Real Time

Day - Hour - Minute + Minute + Hour + Day +

2026/04/23 14:58:00

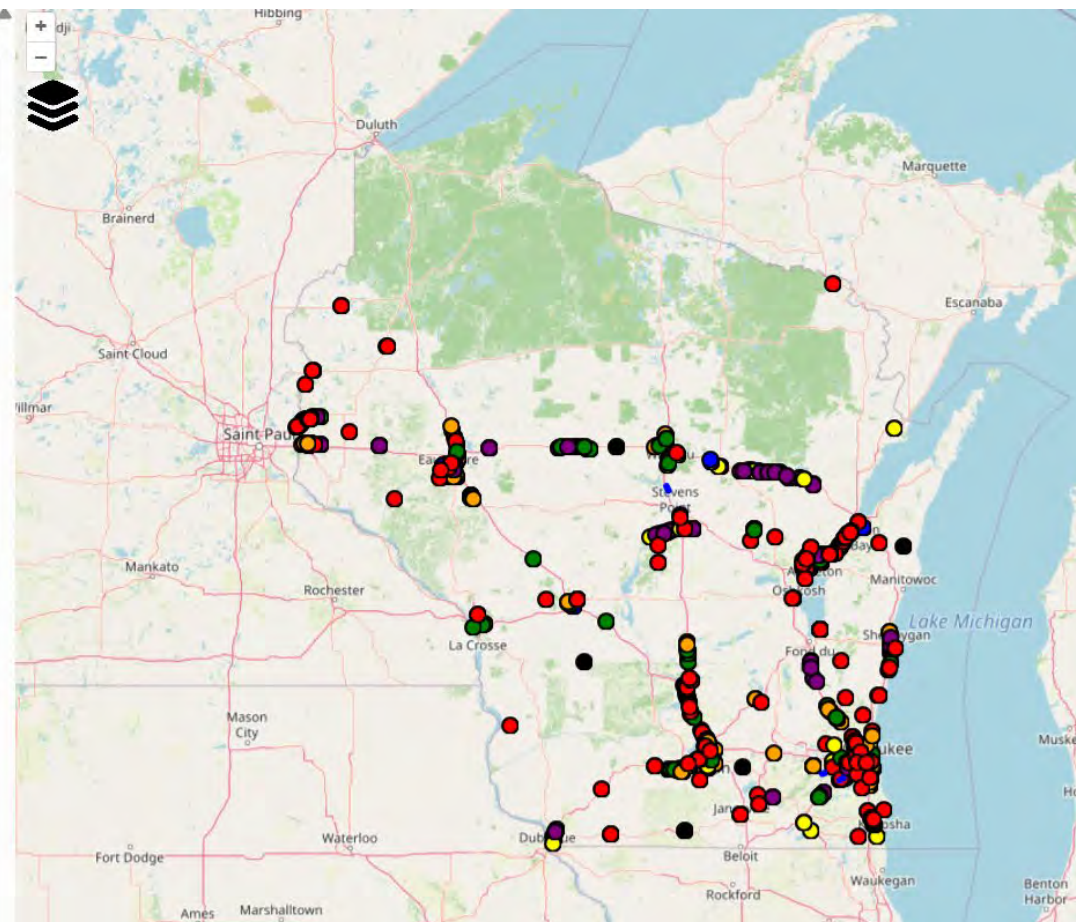
Device Feed Update: 2026-04-23T14:50:15Z

Device Source

- Vermac
- Wanco
- SolarTech
- Icone
- Dev

• flashing-beacon  
• traffic-sensor  
• dynamic-message-sign  
• arrow-beacon  
• location-marker  
• hybrid-sign

WZDX Update: 2026-04-23T14:57:02Z





# Wrong Way Driving Initiative Update

# Wrong Way Driver Alert System Locations

- Added 10 systems in Wisconsin
  1. Southeast: [I-43 NB and Lapham Blvd.](#)
  2. Southeast: [I-794 EB and St. Paul Ave.](#)
  3. Southeast: [I-794 EB and Lovell St.](#)
  4. Southeast: [I-43 NB and STH 145](#)
  5. Southeast: [I-43 SB and STH 145](#)
  6. Southeast: [I-43 NB and North Ave.](#)
  7. North Central: [STH 29 EB and Bus. 51](#)
  8. Southwest: [STH 30 WB and USH 151](#)
  9. Southwest: [USH 12 WB and Park St.](#)
  10. Southwest: [USH 12 WB and USH 14](#)



# System Improvements

- Additional oversized signs – some mounted lower based on impaired drivers' line of sight
- Dashed turn path markings
- Reflective strips on sign posts
- Right way arrows
- Signal arrows instead of circular indications at look ahead left-turn lanes
- LED Blinker signs and LED backlit signs (LEGENDVIZ<sup>(R)</sup>)
- Detection / alert systems with camera confirmation



# Traffic Management Center Role

- Wrong way driver detection
- Real-time reporting
- After-the-fact reporting





# TMC Pooled-Fund Study

inSIGHT ATMS

Wrong Way Driver Alert 1806 Action Required

1-94 WB at Hawley Rd CCTV I-94 I-W @ Mitchell Blvd

1-94 WB at Hawley Rd

12/20/2023 10:00

Completed (0)

You have no completed notifications

Detected: 12:22

Correct Traffic Flow: BlinkLink

Resolution:

Note:

Close



CCTV

**WRONG WAY DRIVER  
REPORTED  
USE CAUTION**

DMS

Correct Traffic Flow:

BlinkLink

System: I-94 WB at Hawley Rd CCTV I-94 E-W @ Mitchell Blvd Alert Time: 08/20/2023 10:41:11 AM CDT

TMC

MCSO



# Wrong Way Detection

08/20/2023 10:41:11 AM CDT (I-94 WB at Hawley Rd CCTV I-94 E-W @ Mitchell Blvd)



Correct Traffic Flow:



BlinkLink

System: I-94 WB at Hawley Rd CCTV I-94 E-W @ Mitchell Blvd Alert Time: 08/20/2023 10:41:11 AM CDT



Click thumbnail to view

7 of 14



< Prev Alert

Next Alert >

## Alert Resolution

### Select Resolution

- Unresolved
- Authorized Vehicle - Emergency Response
- Authorized Vehicle - Maintenance
- False Positive - Animal Trigger
- False Positive - No Vehicle Present
- False Positive - Right Way Object Trigger
- False Positive - Weather Trigger
- Incompliant Vehicle - Backed Up
- Incompliant Vehicle - Median Crossing
- Non-Vehicle - Bicycle
- Non-Vehicle - Pedestrian Detection
- Test Event - System Testing
- Wrong-Way Vehicle - Continued Wrong-Way
- Wrong-Way Vehicle - Result Unconfirmed or Unknown
- Wrong-Way Vehicle - Self-Corrected**

### Notes

Empty text area for notes.

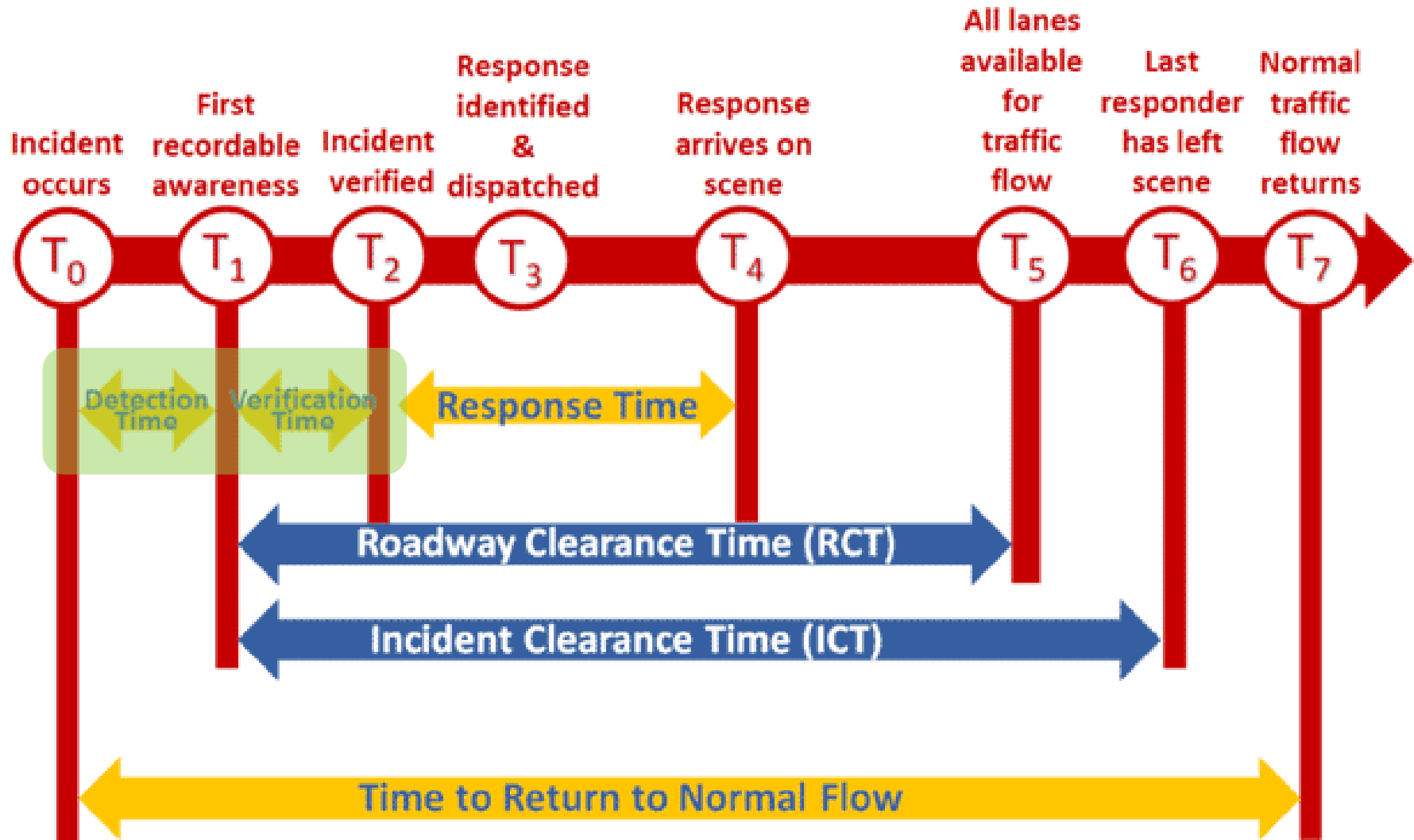
Cancel Save



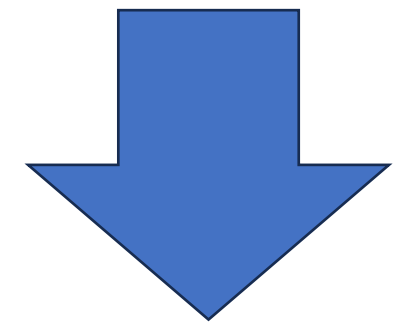
# Automatic Incident Detection Update



# Why is Automated Incident Detection Important?



**AID is anticipated to reduce Detection and Verification times**



**Leading to Improved Safety (secondary crashes, struck by incidents)**

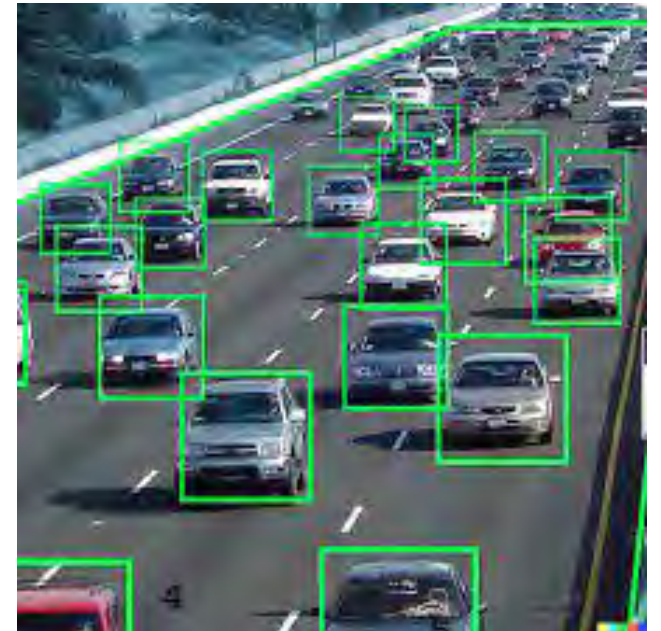
# How does WisDOT Currently Detect Roadway Disruptions?

- Speed Detectors
- Camera Network
- Location-Based Probe Data (mobile phones)
- Crowd-sourced Data
- Media/Social Media
- National Weather Service
- Coordination With Public Safety
  - InterCAD
  - Direct Calls from PSAPs/911 Dispatchers
  - Monitoring Radio Traffic



# Products Scanned

- AlwaysAI
- Axis Communication
- Bosch
- Citilog
- COSTAR HD
- Derq
- Etalyc
- Flow: TrafficAI
- Genetec
- intuVision
- Micro Focus
- Miovision TrafficLink
- Motorola avigilon
- Panasonic
- Rekor
- Surveillance Secure
- Southwest Research Institute
- Telegra XAID
- Traffic Vision
- UrbanSDK





# Currently Available Traffic Management Analytics Functions

Crash/Incident Detection

Wrong Way Drivers

Volume / Occupancy

Vehicle Classification

Pedestrians

High Speeds / Speeding

Rest Area Parking

Stopped Vehicles

Origin-Destination Data

Object on Roadway

Average Traffic Speeds

Low Visibility

Cross-line Detection

Queue / Congestion



# Approach

**Assess how to leverage existing investments?**

## Centralized Video Analytics

- Pilot 75 Existing Cameras using TrafficVision for 10 months
- Contract using NASPRO with Skyline as Systems Integrator with TrafficVision product
- Test variety of scenarios across the state

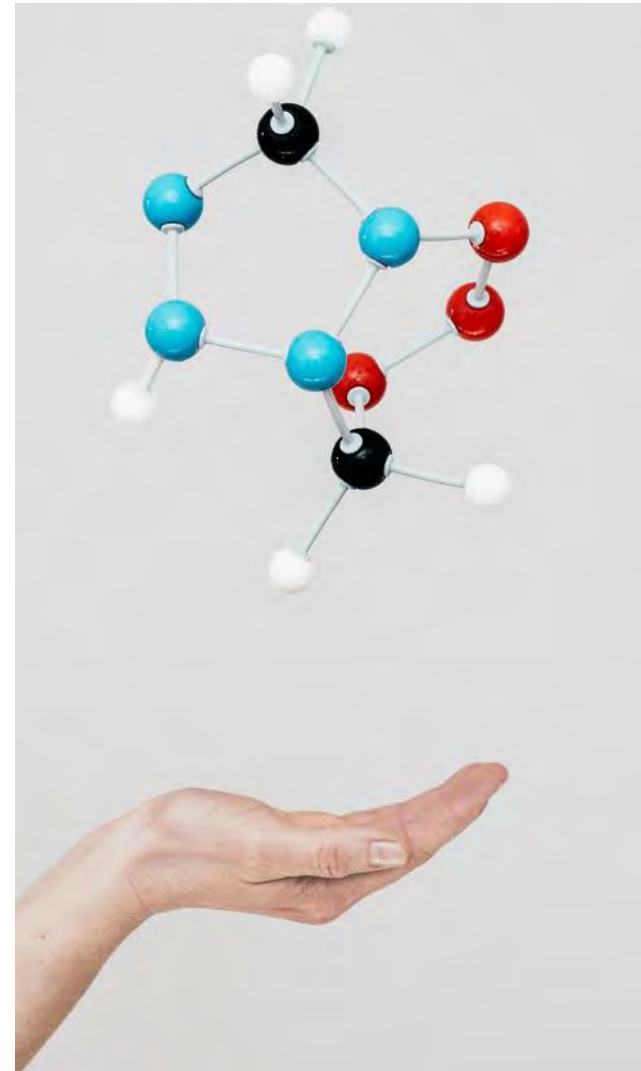
**Should we modify specifications to leverage emerging technologies?**

## Edge-Based Analytics

- Multiple AI-Enabled cameras and radars with embedded edge computing
- Location: I-94 at 76<sup>th</sup> St. & Hawley Rd.
- Side by side comparison of detection algorithms (including existing CCTV)
- Leverage existing Video Management System (Genetec)

# Lessons Learned

- Video Analytics “tuning” takes time
- Challenges with arterial and other novel situations
- Ideal location – CCTV on 50’ pole, close to freeway. Tangent section, 2 presets
- Minimize TMC staff screen overload – human factors is important
- Update SOPs to get CCTV back to pre-set locations
- Additional integration with ATMS and/or video management system would be beneficial – for both VA approaches
- Sometimes VA picks up incidents first, sometimes CAD alerts do
- Newer Audio Alerts very beneficial – especially during lower staffing times





# Where are we going?

- Understand activities required to update ATMS/VMS
  - More seamless alerts
  - Direct alerts from new cameras and radars
- Update future camera and radar specs
- Assess pricing options
- Also looking at [Connected Vehicle Data Solutions](#)





# Connected Vehicle Data Update

# Connected Vehicle Data Potential Use Cases



Real-time



Next Day



Long-Term  
/ Trends

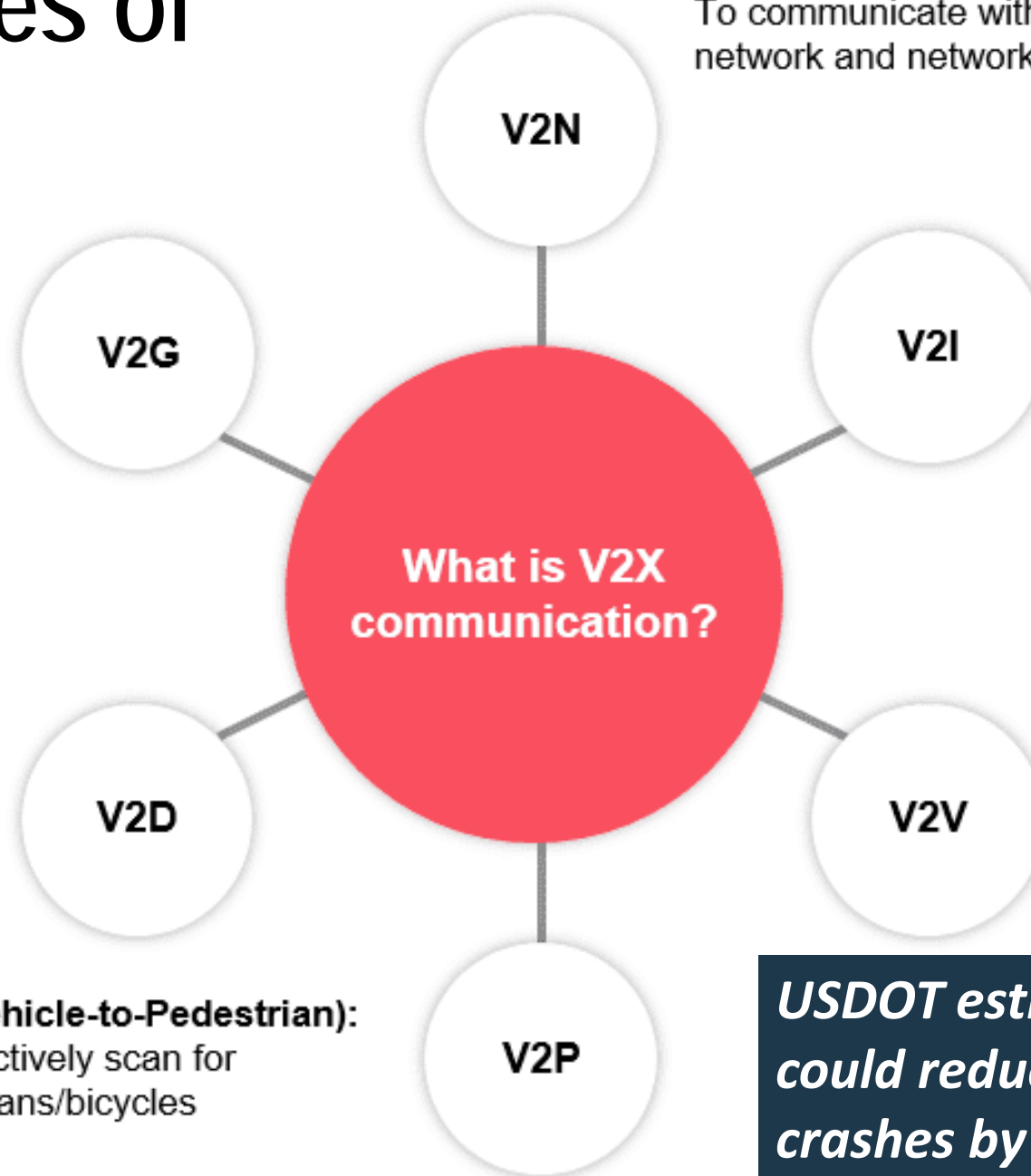


# Different Types of V2X

**V2G (Vehicle-to-Grid):**  
For electrical vehicles to communicate with the power grid

**V2D (Vehicle-to-Device):**  
To communicate with smart devices such as a smartphone, smart key and car tracker

**V2P (Vehicle-to-Pedestrian):**  
To proactively scan for pedestrians/bicycles



**V2N (Vehicle-to-Network):**  
To communicate with a mobile network and network connectivity

**V2I (Vehicle to Infrastructure):**  
To communicate with Road Side Units (RSU) such as traffic lights and traffic cams

**V2V (Vehicle-to-Vehicle):**  
To communicate between vehicles, without the telecom network

***USDOT estimates V2X technology could reduce unimpaired driver crashes by as much as 80%***



# Where are we going?

- CV Pilots – Introducing Safety Credentials Management System
- Investigating limited CV Pilot expansion
- Several CV concepts under refinement that could support future grant applications
- Looking for ways to pilot all three CV data scenarios – Real-time, Next-Day, Long-Term/Trends



# Alabama Department of Transportation

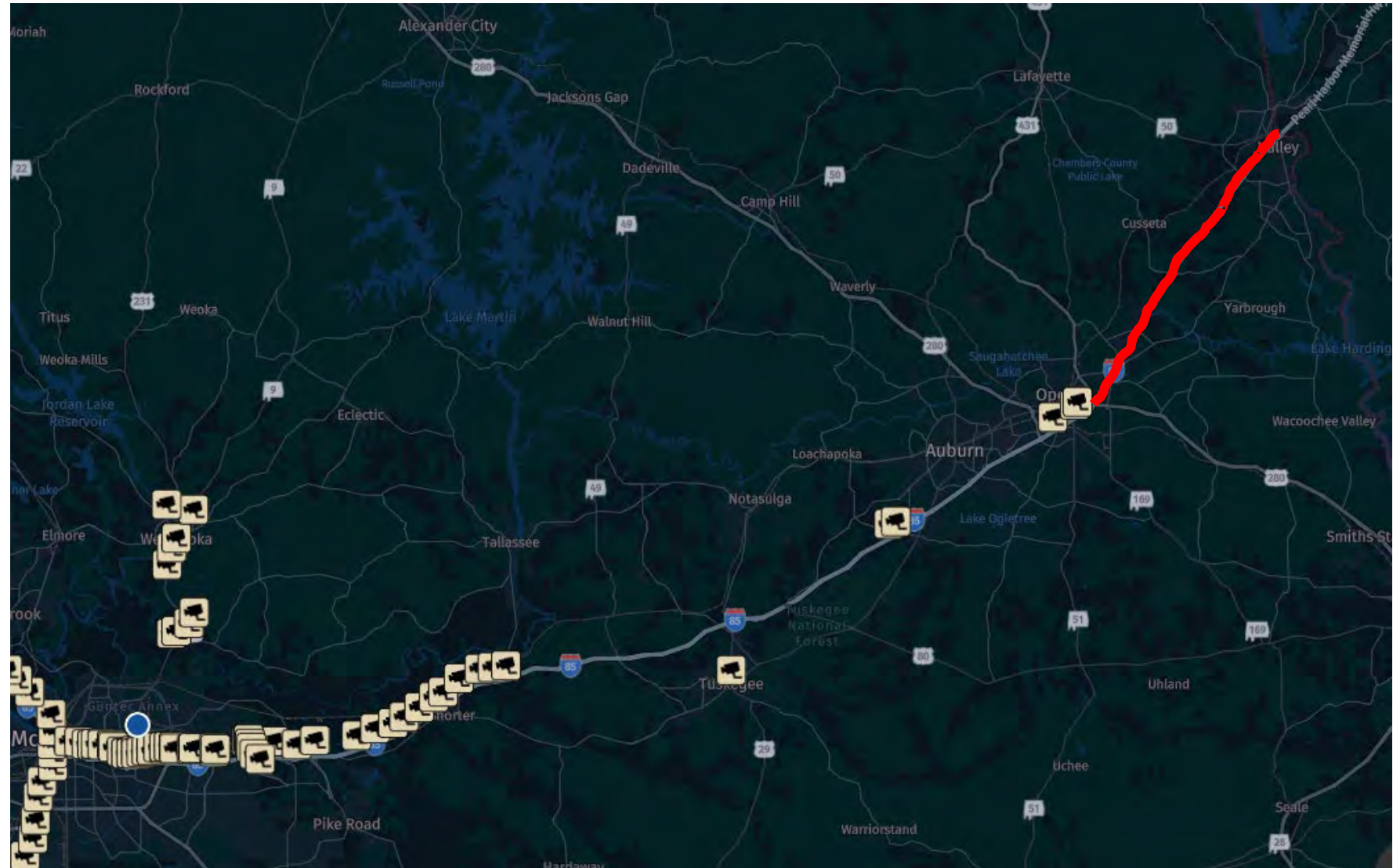


**Bryson Moultry, P.E.**  
**Asst. State TSMO Engineer**  
**ALDOT- Central office**  
[moultryb@dot.state.al.us](mailto:moultryb@dot.state.al.us)

# Deployment on I-85

## I-85 Improvements

- Added 18 ITS Devices
- 15 Cameras
- 3 DMS
- No CCTV coverage past Opelika (MM 66).
- Run ASAP MM 42 – 80 (GA Stateline).

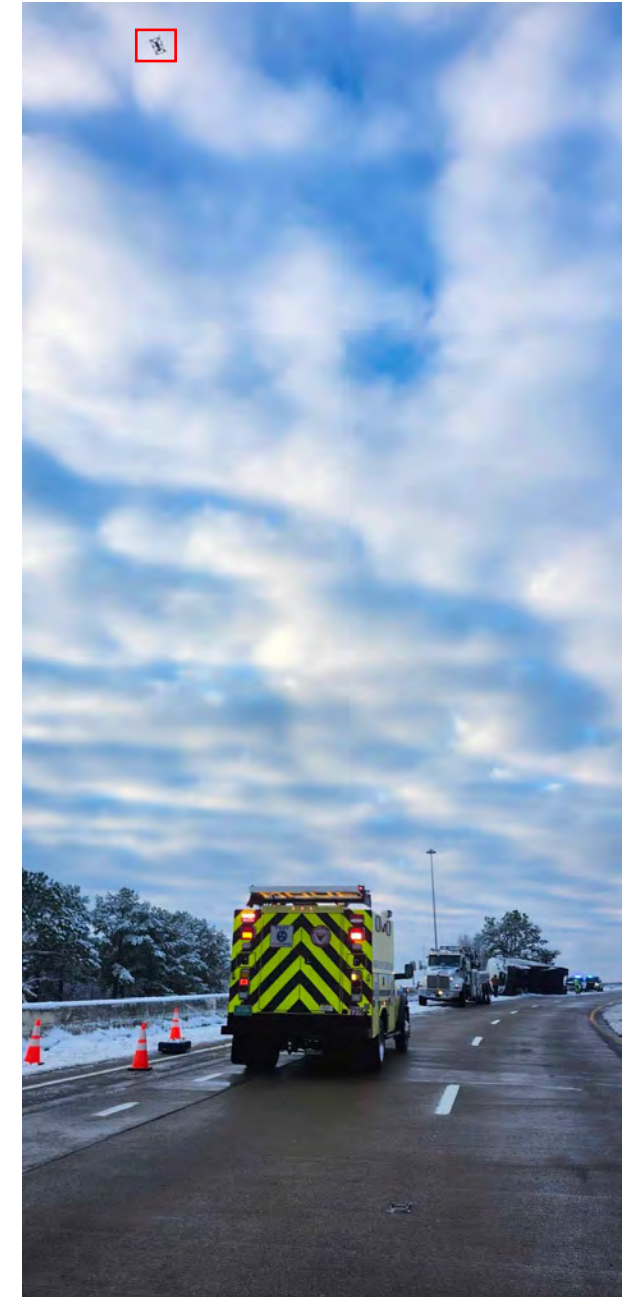


# Drone Deployment – ASAP on I-85

## Fotokite Sigma

- Actively tethered unmanned aircraft system.
- Provides ALDOT ability to have critical situational awareness.
- Gives ALDOT ability to operate system without the need for licensing\*.

\* Someone on the crew must have a Part 107 License





## Fotokite Features

- Controls are within the Fotokite app.
  - Download to a tablet.
- On-demand aerial view with the push of a button.
- Easily adjustable height (Max 150 ft) and camera controls.
- Operator hands free.
- Remote stream and remote control.
- Infrared camera.



FOTOKITE

AA

live.fotokite.com





# Contact

- Bryson Moultry, P.E.
- Asst. State TSMO Engineer
- ALDOT – Central Office
- [moultryb@dot.state.al.us](mailto:moultryb@dot.state.al.us)

# Delaware Department of Transportation



**Kerry Yost, PE**  
**Transportation Systems Operations Manager**  
**Delaware DOT**

[Kerry.Yost@delaware.gov](mailto:Kerry.Yost@delaware.gov)

## Delaware Department of Transportation – Highlights

- Program administration – retirements, consultant support, funding scrutiny, our first TSMO strategic plan
- 24/7 TMC operation – technician training, hybrid staffing
- Traffic signal system and timing – retiming program vs. complaints, legacy software system vs. next gen, our first traffic signal timing manual
- Systems engineering - physical ITMS devices vs. probe data, in-house softwares
- Emergency preparedness – snowstorms, debris management, collaboration
- Projects - automated freeway incident detection, V2X, mobile command, truck parking



## Delaware Department of Transportation – Challenges & Questions

- Limited program/project management bandwidth
  - How do we balance the 24/7 operation vs. everything that supports the operation (programs, projects, systems, collaboration)?
- Increasing challenges to attract, hire, and retain staff technicians
  - Quality vs. quantity?
  - Filling seats vs. succession planning? How to do both?
  - The problems with overtime...



## Contact

- Kerry Yost
- Transportation Systems Operations Manager
- Delaware Department of Transportation
- [kerry.yost@delaware.gov](mailto:kerry.yost@delaware.gov)

# Florida Department of Transportation

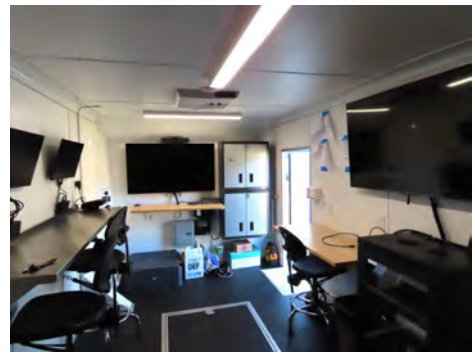


**James Landini, PE**  
**TSM&O Program Development Engineer**  
**Florida Department of Transportation**  
[james.landini@dot.state.fl.us](mailto:james.landini@dot.state.fl.us)



# Florida ITS Operations Network (FION)

- Florida ITS Operations Network (FION)
  - Transports 35 Million Hours of Video Per Year
  - Phase IV Optical Transport Network Upgrade
    - Upgrade from 1 to 100 Gbps
- ITS Trailers
- New State Emergency Operations Center





# Contact

- James Landini
- TSM&O Program Development Engineer
- Florida Department of Transportation
- [James.Landini@dot.state.fl.us](mailto:James.Landini@dot.state.fl.us)

# Georgia Department of Transportation



**Kim Williams, EIT  
TMC Manager  
GDOT**

**[KiWilliams@dot.ga.gov](mailto:KiWilliams@dot.ga.gov)**

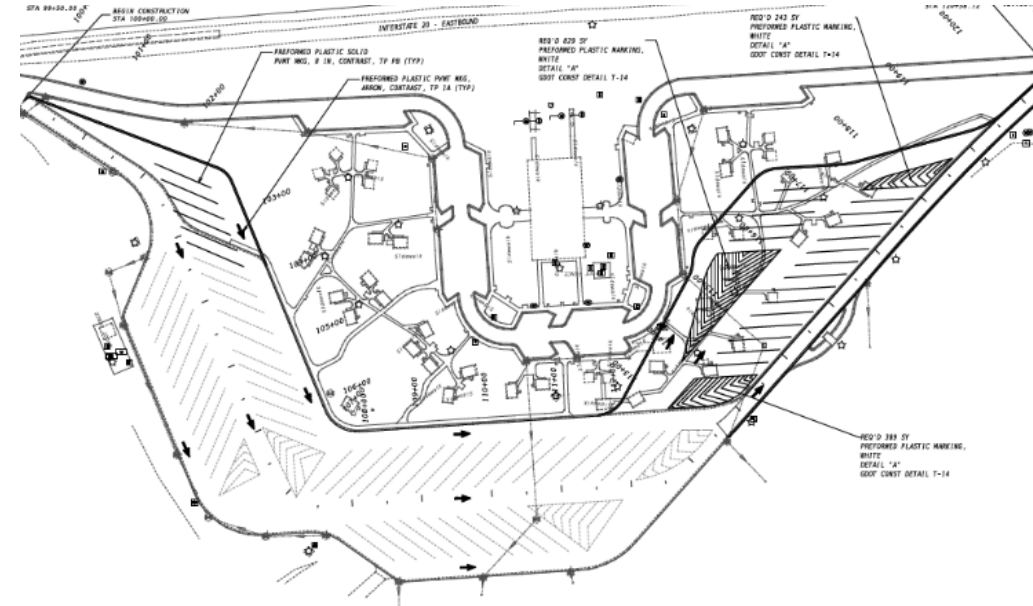
# Key FY 26 Accomplishments Truck Parking Availability System (TPAS) Procurement

## ✓ Project Background

- Multi-year procurement to install the ITS components for TPAS systems at Rest Areas, Welcome Centers, & Weigh-In-Motion Stations (WIMs) throughout the State of Georgia
  - To be done in conjunction with GDOT Planning TPAS projects
- 3 initial sites required per RFP with ability to address 34 optional sites as funding is available
- Sites being address follow GDOT Planning TPAS Site schedule

## ✓ Complete TPAS procurement

- 48400-DOT0003417, \$11.5M
- Notice of Intent to Award given 4/2026
- Kick-Off meeting and coordination expected soon
- Portion of ITS Lump Sum will be allocated to support this project
  - PI#0021540 - TRUCK PARKING AVAILABILITY SYSTEM (TPAS) – FY 2027-2030
    - \$2.5 MIL each (1) YR for (4) Yrs for \$10 MIL total
  - Additional funding needed for all sites to be addressed.



ID No	County	Area	Site Type	HWY (I-)	Direction	MM	Lat	Long	Expected Parking Spaces	GDOT PI#
1	Haralson	2	WC	20	EB	1	33.67815	-85.32035	79	0020268
2	Monroe	4	WS	75	NB	190	33.06872	-83.97332	33	0020269
3	Bryan	3	WS	16	WB	143	32.16982	-81.44384	49	0020271



# Key FY 26 Accomplishments

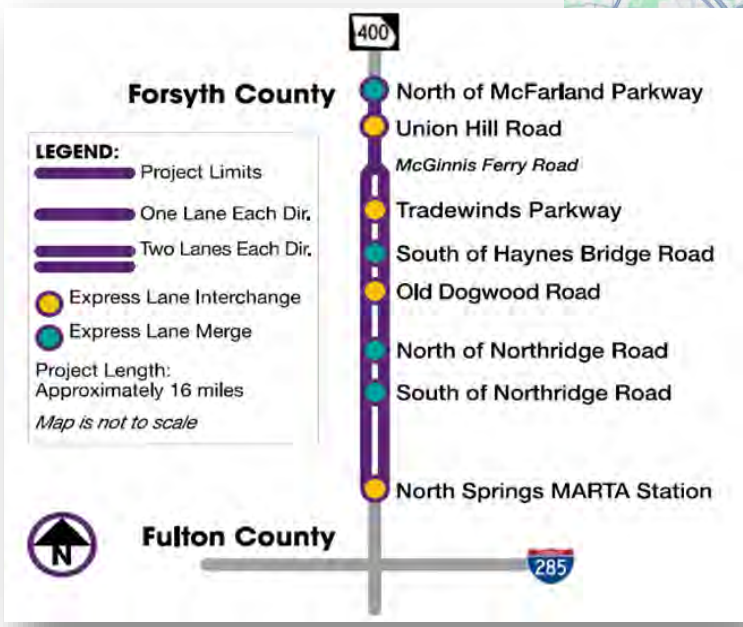
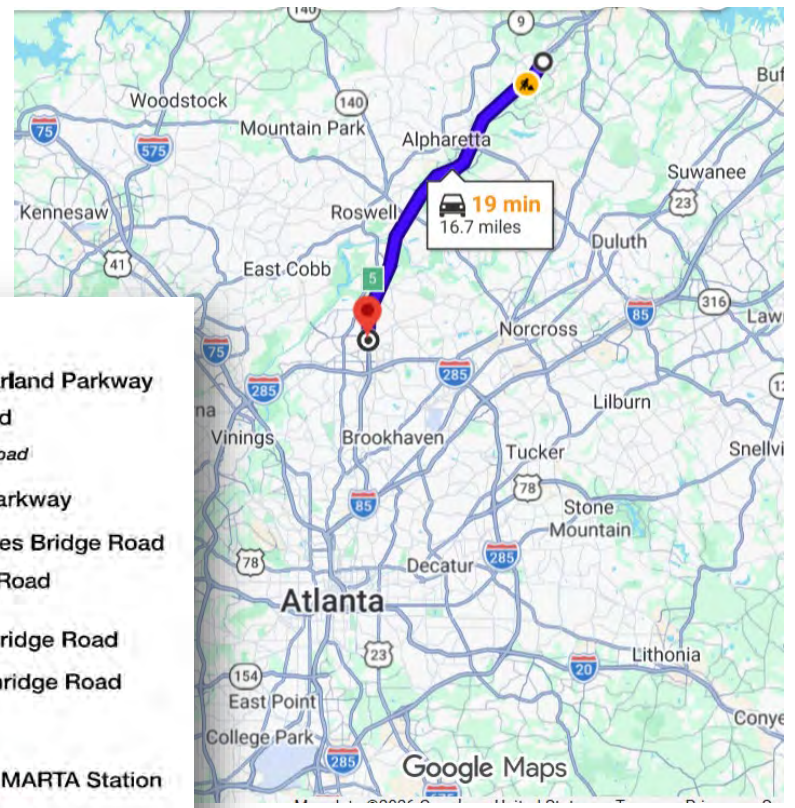
## SR 400 Peach Partners Operations Collaboration

### ✓ Project Background

- Begins: North of Abernathy Road (Exit 5)
- Ends: North of McFarland Pkwy (Exit 12) (Shiloh Road overpass)
- Coverage area is 16 miles
- 9 Exits
- 24/7 TOC Operations
- SSP: Incident Response Units (IRU)

### ✓ Key Tasks

- Operations training for SR400 TMC operators, supervisors, and managers
- SOP and training manual development for SR 400
- Software coordination to match GDOT TMC
- Coordination between HERO and SR 400 IRUs



# Key FY 26 Accomplishments

## TMC React



An AI assistant built for TMC Operators.

Ask a question in plain language, get an instant response sourced from GDOT's SOPs, contacts, responder maps.

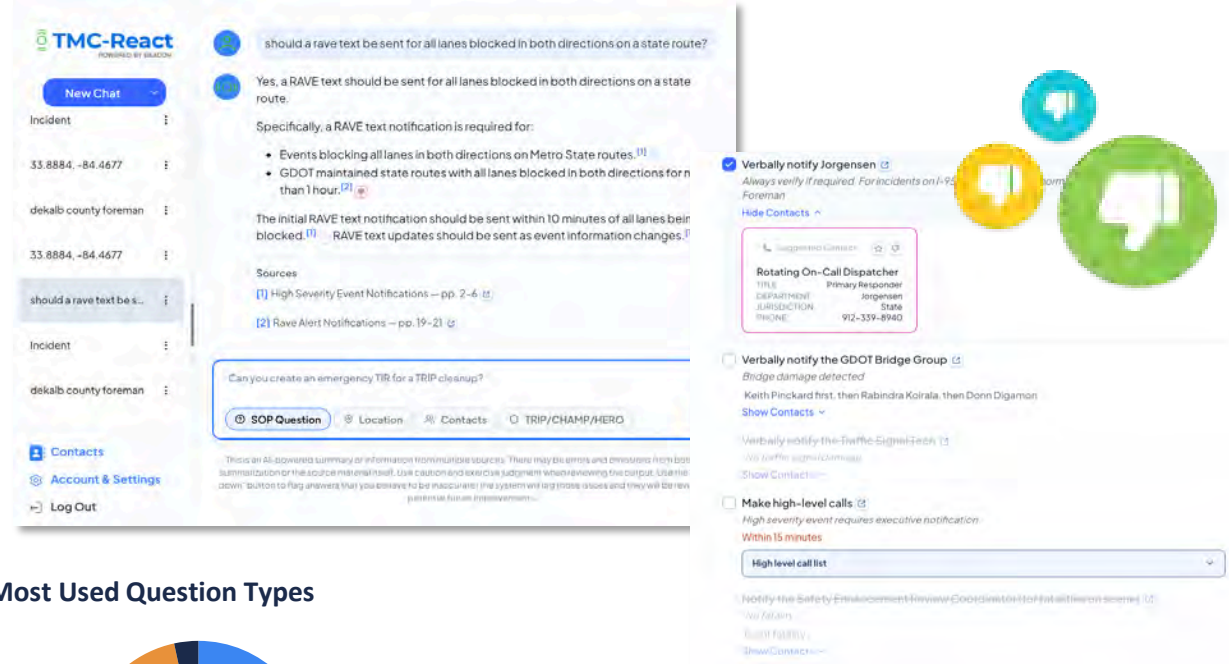
Type what's happening and where. TMC-React returns an incident checklist and the right contacts for that location — instantly.

**68** operators onboarded in April

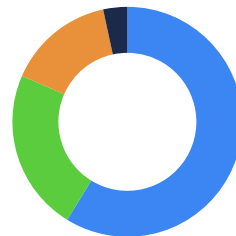
**~1,000** questions in first month

*“ This is the best tool! Especially for us newbies — it helps us find answers fast and remember them for next time. We needed this so bad! ”*

— GDOT TMC Operator



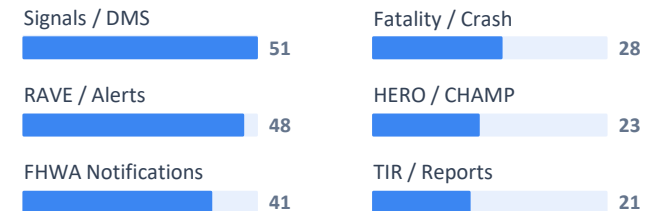
### Most Used Question Types



- SOPs 58.8%
- Contacts 22.8%
- Location 15.1%
- TRIP/CHAMP/HERO 3.4%

### Top SOP Topics

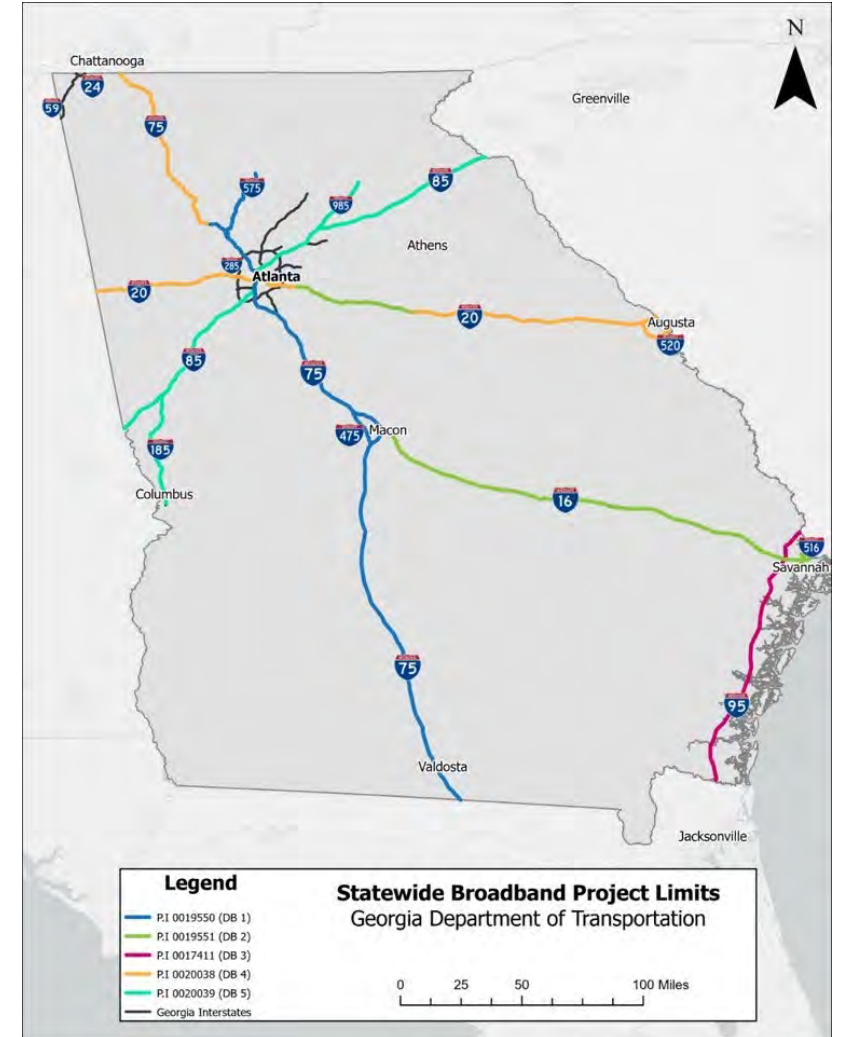
What operators are looking up



# Key FY 26 Accomplishments

## Broadband Program

- ✓ **Prepare for OMC Network Services Commencement**
  - Continued Design-Build (DB) Phase Coordination
  - Continued Development of Fiber Management System (FMS) and ITS Ticketing System (ITSM)
  - Network Services Commencement anticipated for Sep 2026
- ✓ **Prepare for ITS & CV Phase 1 (PI 0019550) Completion**
  - Substantial Completion in September 2026
- ✓ **Prepare for ITS & CV Phase 2 (PI 0019551) Completion**
  - Substantial Completion in September 2026
- ✓ **Kick-off ITS & CV Phase 3 (PI 0017411)**
  - Project Awarded August 2026
  - NTP 1 issued December 2026
  - NTP 2 to be issued May 2026
- ✓ **Kick-off ITS & CV Phase 4 (PI 0020038) Procurement**
  - Environmental Technical Studies to begin May 2026
  - Procurement planned to begin January 2027
  - July 2027 Letting



# Key FY 26 Accomplishments



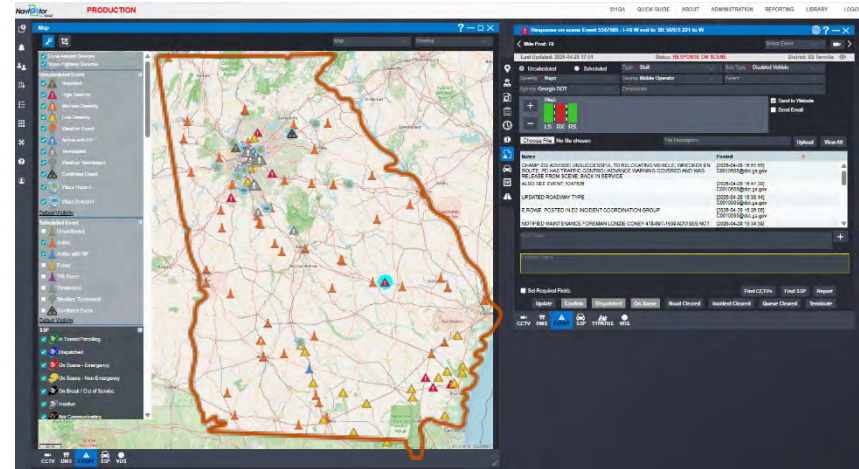
## Planned/Accomplished Activities:

### ✓ ATMS update from Parsons iNET r7 to r12

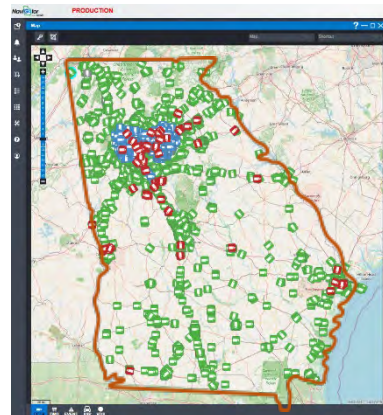
- Live on Wednesday, March 18, 2026
- Adjustments of conducting Express Lanes transitions using Cameleon
- Coordination, testing, and training throughout the update

### ✓ Challenges

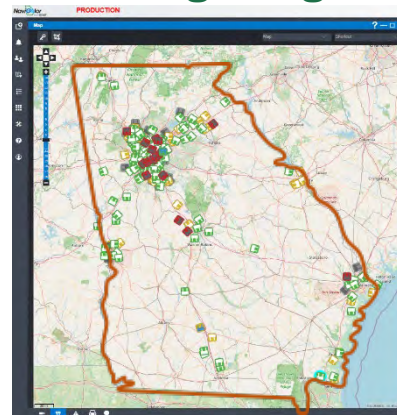
- All environments built and maintained by GDOT IT
- Constant coordination with multiple teams:
  - GDOT – IT, ITS- Traffic Ops
  - Parsons
  - Beacon
  - HNTB



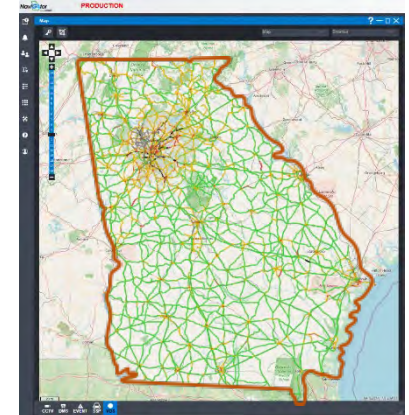
3,800+  
CCTV Cameras



200+ Dynamic  
Message Signs



2,200+ VDS  
Devices





# FY 27 Planned Activities / Projects

## Operations:

- NaviGator Enhancements - RACS, ALADS
- Automated Work Zone Management System
- Video Wall Upgrades
- Phone System Upgrades
- Drivewyze
- Automated Incident Detection Pilot
- 511 Contract Renewal

## ITS Lump Sum:

- Truck Parking Availability System
- AID Expansion on I-75
- RMS Expansion I-985 and I-75





# Contacts

## **Kim Williams, EIT**

- TMC Manager
- Georgia DOT
- [kiwilliams@dot.ga.gov](mailto:kiwilliams@dot.ga.gov)



# Indiana Department of Transportation



**Hillary Lowther**  
**Freeway Operations Manager**  
**INDOT**  
[HLOWTHER@indot.IN.gov](mailto:HLOWTHER@indot.IN.gov)

# INDOT Updates

TMC expansion and remodel





# INDOT Indianapolis proposed TMC

## MASSING MODEL - PERSPECTIVES



ENTRANCE ROAD - EYE LEVEL PERSPECTIVE



SOUTH WEST - EYE LEVEL PERSPECTIVE



SOUTH WEST - AXON PERSPECTIVE



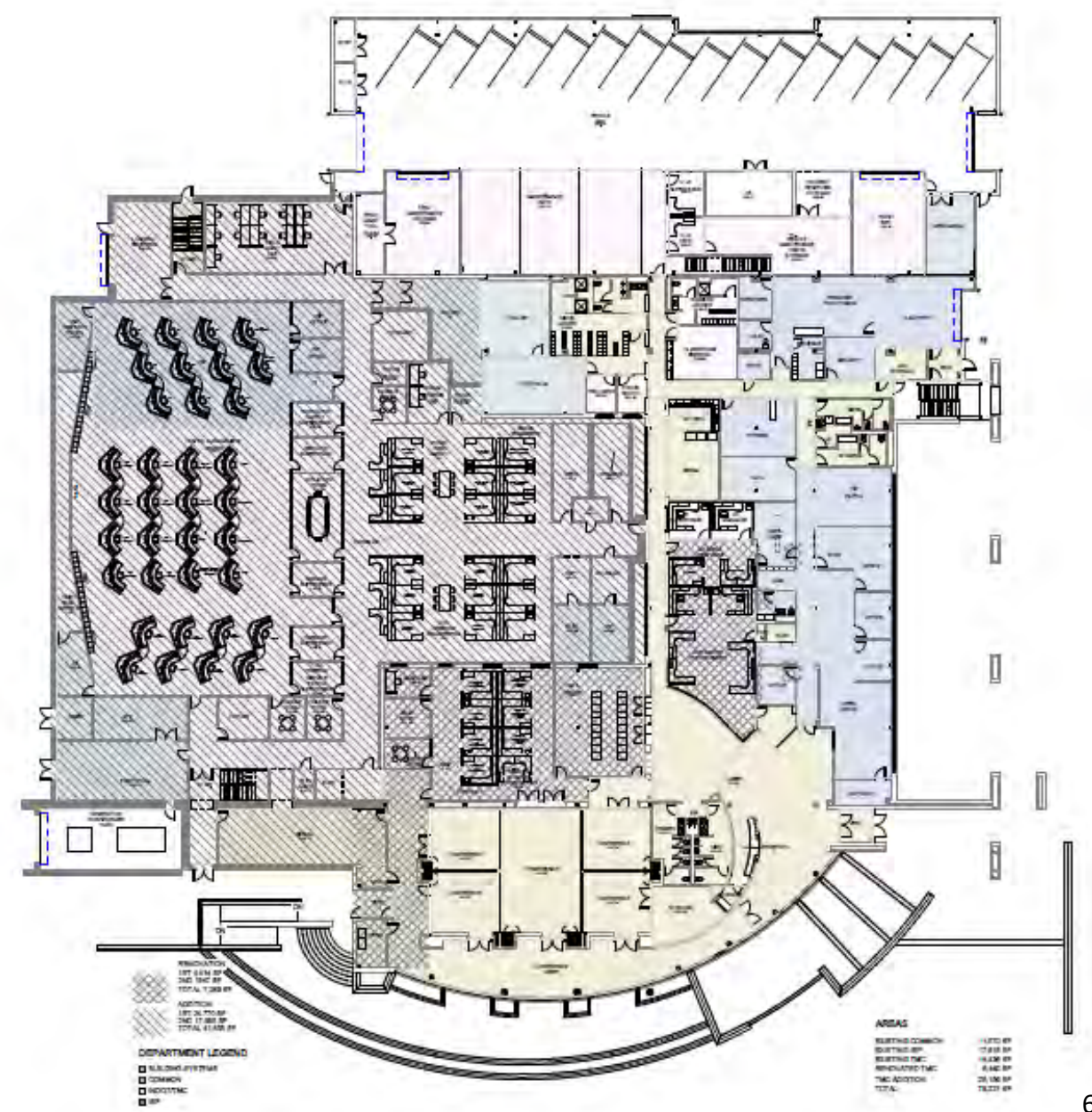
# INDOT Indianapolis Current TMC





# New Proposed Floor Plan

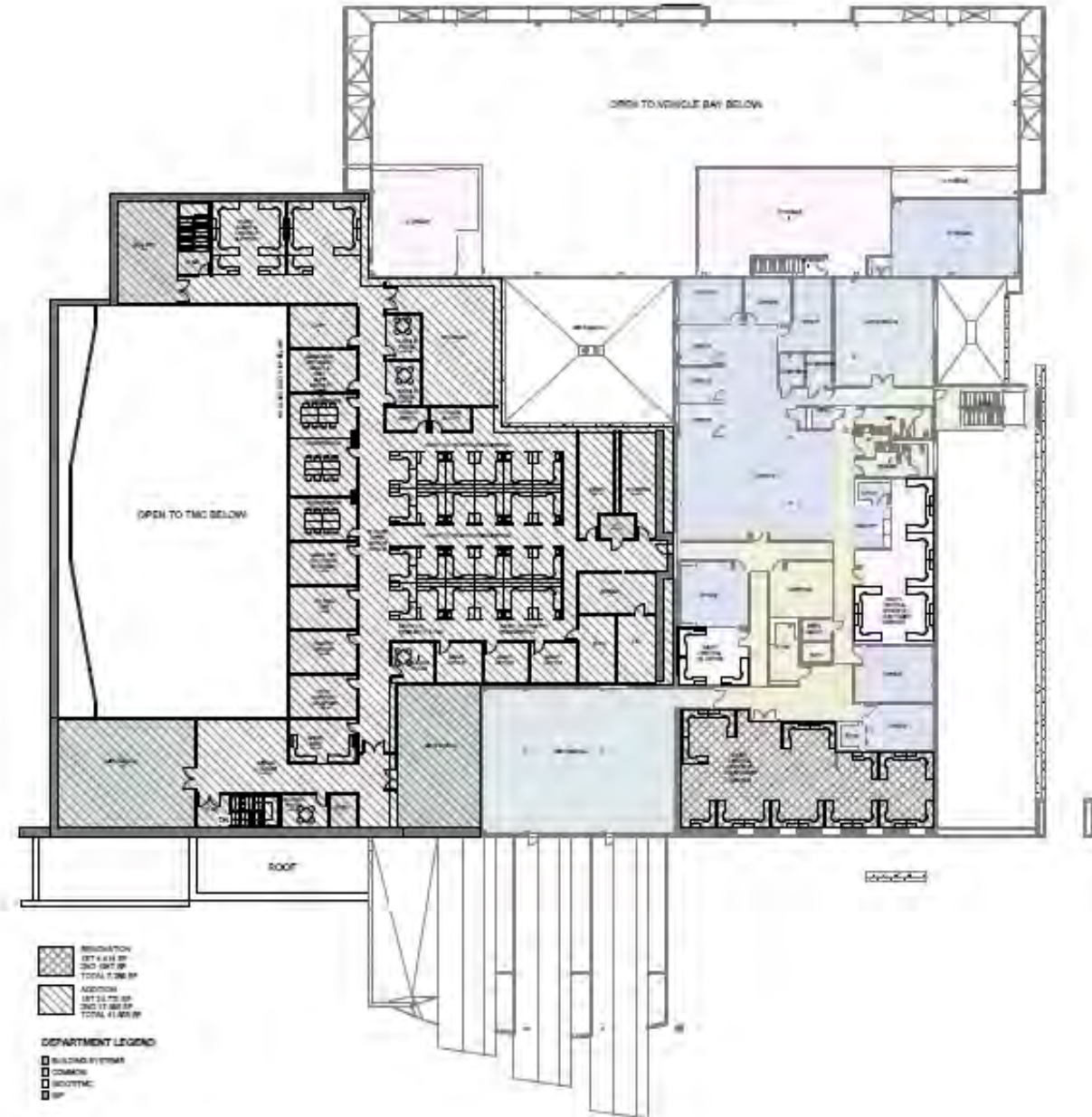
- From 7 consoles to 35
- Moving arterial operations to floor
- Moving maintenance and winter ops to floor
- Arranging teams in close proximity
- Visted more than 35 TMCs across the country





# Proposed New Floor Plan

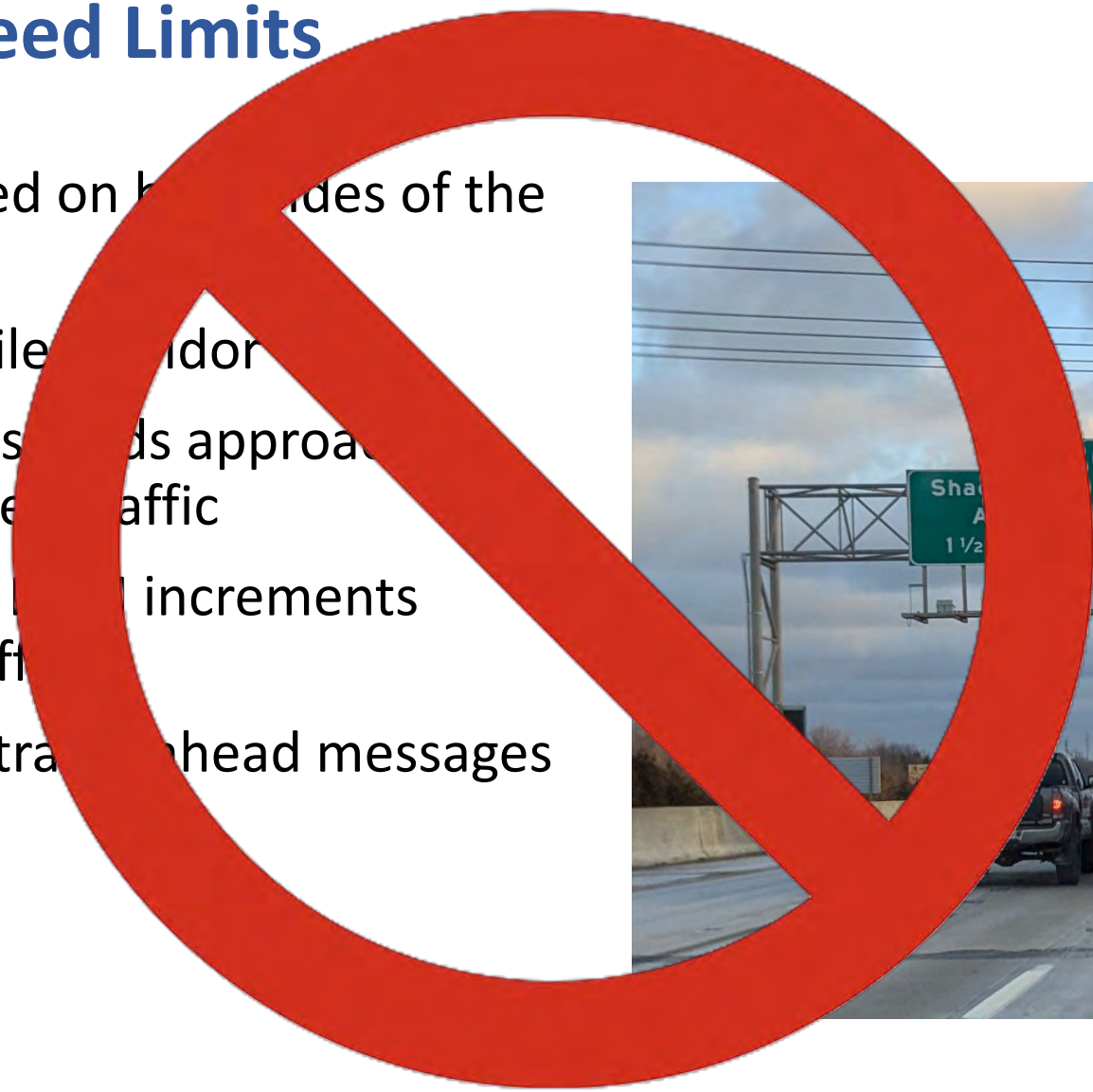
- Upstairs conference room with view to center
- Room for teams with related focus to sit





# Variable Speed Limits

- All signs mounted on both sides of the road.
- 62 signs for 9 mile corridor
- Steps down the speed limits approach slowed or stopped traffic
- Steps down in 5 mph increments approaching traffic
- Puts up slowed traffic ahead messages on DMS





## Contact

- Hillary Lowther
- Freeway Operations Manager
- INDOT Traffic Management
- [hlowther@indot.in.gov](mailto:hlowther@indot.in.gov)



# Iowa Department of Transportation



**Ashley Hochberger**  
**Traffic Management Center & Highway Helper Program Manager**  
**Iowa DOT**

[Ashley.Hochberger@iowadot.us](mailto:Ashley.Hochberger@iowadot.us)

# Iowa Traffic Management Center

- Updated the Iowa TMC Audit Dashboard
  - Better representation of performance
  - Easier to understand
  - Developed score cards by section
  - Tailored Individual Training Programs





# Iowa Traffic Management Center





# Iowa Traffic Management Center

- Questions
  - How do other TMCs track operator performance?
  - Are there different metrics that are being used by other TMCs for quality assurance?
  - What are other TMCs looking for when they audit an operator?



## Contact

- Ashley Hochberger
- Traffic Management Center & Highway Helper Program Manager
- Iowa Department of Transportation
- [Ashley.Hochberger@iowadot.us](mailto:Ashley.Hochberger@iowadot.us)

# Louisiana Department of Transportation & Development



**Ty Hampton**  
**Traffic Incident Management Engineer**  
**LA DOTD**  
[ty.hampton@la.gov](mailto:ty.hampton@la.gov)

# Maryland Department of Transportation



**Rashad Rice**  
**Division Chief – TMC Operations**  
**MDOT SHA**

[rrice2@mdot.maryland.gov](mailto:rrice2@mdot.maryland.gov)

# MOVING TOWARDS ATMS AUTOMATION

An initial overview of...

The screenshot displays a web-based interface for incident management. At the top, there is a navigation bar with a search field and a dropdown menu for 'Comm Source' set to 'Other (no info)'. Below this is a menu with links for 'Recent Events', 'Back', 'Forward', 'Refresh', 'Center Rpt', 'Comm. Log', 'Instant Messaging', 'Home Page', 'Traffic Events', and 'Help'. The main heading reads 'Incident @ I-270 NORTH/SOUTH AT EXIT 12 WATKINS MILL RD (NB) [Collision, Personal Injury; Other Agency Departmental; Serious/Multiple Injuries]' with a sub-status '(Event Open; Controlled By SOC)'. A secondary menu includes 'General Info', 'Incident Info', 'Roadway Conditions', 'ATM Status', 'Participation', 'Response', 'Notification', 'Signals', 'Photos', 'Event History', 'Summary', 'Associated Events', and 'SOP Guidance'. The 'General' section is active, showing 'Edit General', 'Edit Location', 'Show on Map', 'Google Map', 'MD Imagery', 'Add To Log', and 'Social Media / Web Settings'. The incident details are organized into two columns. The left column includes: Event Name, Event Tags (Other Agency Departmental; Serious/Multiple Injuries), Source (Field Unit (9302) Hubbe, Paul), Regional (NO), Queue (mi) South (6.6 System) and North (1.9 System), Max (6.6 System) (South), Opened (04:14), Confirmed (05:01), Delay Cleared (No), Scene Cleared (No), Est Time To Clear (Unknown), Op Center POC, On Scene POC, Comments, Open Event Remind Time (11:15), Owning Org (SOC), Social/Web Publishing (On), Web Alert ([No additional CHART Web Alert text entered]), Last Tweet (N/A), and Last Tweet Time (N/A). The right column includes: Location Description (I-270 NORTH/SOUTH AT EXIT 12 WATKINS MILL RD (NB)), County (Montgomery County), Region, State (MARYLAND), Route Type (Interstate), Route (I-270), Direction (North/South), Point Along Roadway (AT EXIT 12 - WATKINS MILL RD (NB)), Lat/Long (39.154388° N, 77.222416° W), and Areas of Responsibility (County Montgomery, Maryland Statewide, Ops Email Montgomery Plus, Ops Email Statewide Plus, SHA District 3, TOC-3). At the bottom right, there are buttons for 'Close Event' and 'False Alarm'.

...when an operator begins an event.

**Incident Information** [Edit](#)

**Incident Type:** Collision, Personal Injury     **HAZMAT:** NO  
**Police Report #:** 23 0061183

Vehicle Count					
	Involved (Only)	Overturned	Lost Load	Jackknifed	TOTAL
Car	1	0			1
<b>TOTAL</b>					<b>1</b>

**TMDD Vehicle Count:** 1 Car

**Severity:** Minor Intermediate Major [Details](#)

Incident Type: Collision, Personal Injury; score: 0.5  
 Vehicle / Involvement Type: Car Involved (Only); score: 0.1  
 Vehicle Count: 1; range: 1 - 1; score: 0.1  
 Time / Day / Date: no match; score: 0.0  
 Lane Closure Percent: 50; range: 50 - 74; score: 0.5  
 Raw Weights: Incident Type (2.0), Vehicle / Involvement Type (2.0), Vehicle Count (1.0), Time / Day / Date (3.0), Lane Closure Percent (5.0), Hours to Clear (ignored)  
 Normalized Weights: Incident Type (0.15), Vehicle / Involvement Type (0.15), Vehicle Count (0.08), Time / Day / Date (0.23), Lane Closure Percent (0.38), Hours to Clear (ignored)  
 Normalized Score (range: 0.0 - 1.0, using normalized weights [weight \* score]) = (0.15 \* 0.50 [Incident Type Score]) + (0.15 \* 0.10 [Vehicle / Involvement Type Score]) + (0.08 \* 0.10 [Vehicle Count Score]) + (0.23 \* 0.00 [Time / Day / Date Score]) + (0.38 \* 0.5 [Lane Closure Percent Score])  
 Severity Score Percent (range: 0 - 100) = 100 \* Normalized Score = 29  
 Severity Percent Classification Thresholds: Major = 35, Intermediate = 15  
 Classification: Intermediate

**Roadway Conditions** [Edit Road Configuration](#) [Suggest Response Messages](#)

**Direction:** North/South  
**Road Surface Condition:**   
**Nearby Wx Station:** Location: I-270 S, South of Middlebrook; Distance: 1.2 mi; Surface Condition: DRY; Air Temp: N/A; Precip Type/Intensity: N/A; Vis: N/A; Wind: N/A; System: LUFFT; 10/18/2023 4:10:00 AM  
[hide sensors](#)

Location	Route / Direction	Surface Condition	Surface Temp
I-270 SB after Middlebrook Surf Temp	I-270 SOUTH	UNSPECIFIED	47F
I-270 SB after Middlebrook Road Cond	I-270 SOUTH	DRY	

**Road Configuration Description:** 3 South and 4 North Traffic Lanes, with Shoulders, Right Merge Lane, and Median.

**Lane Closure Description:** Southbound-left Shoulder, 4/4 Northbound-all 4 Traffic Lanes, left Shoulder closed

Legend:  
 Open  
 Closed  
 Unknown  
 All Open  
 All Closed  
↓ South  
↑ North  
↕ Alternating  
Edit Time Changed

They gather and enter all pertinent information.



# TMC Pooled-Fund Study

## ATM Status

There are no PTSU Segments with a matching route and direction within 0.2 miles.

## Participation

[Add Resource / Type](#) [Add Contact](#) [Call Out Lists](#)

AVL Auto Detection Enabled (In the table below, 'A' indicates auto detection of on scene arrival/departure and 'M' indicates manual operation.)

Participant	Category	Notified / Requested	Dispatched / En Route	Arrived / Responded	Departed	Camera	Distance (Miles)	Location
Arrow Board Note: X4	Resource	<input checked="" type="checkbox"/> 04:23	<input type="checkbox"/>	<input checked="" type="checkbox"/> 05:49	<input type="checkbox"/> M			
Fireboard	Agency	<input type="checkbox"/>	<input checked="" type="checkbox"/> 04:19	<input checked="" type="checkbox"/> 05:49	<input type="checkbox"/> M			
Investigation - Accident	Special Needs	<input checked="" type="checkbox"/> 05:24	<input type="checkbox"/>	<input checked="" type="checkbox"/> 06:34	<input type="checkbox"/> M			
Local Police Note: MONTGOMERY CO PD	Agency	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 04:18	<input type="checkbox"/> M			
Medevac	Special Needs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 04:41	<input type="checkbox"/> M			
Priv. Tow Light Duty Note: FLAT BED	Resource	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 06:36	<input type="checkbox"/> M			
<a href="#">Fadairo, Kolawole (kola) (SHA / Dist 3 / Gaithersburg Shop)</a> Contact's Call Sign: 3100		<input checked="" type="checkbox"/> 04:23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<a href="#">Garmroudi, Saied (SHA / Dist 3 / Gaithersburg Shop)</a> Contact's Call Sign: 3104		<input type="checkbox"/>	<input checked="" type="checkbox"/> 05:00	<input checked="" type="checkbox"/> 05:49	<input type="checkbox"/>			
<a href="#">Hubbe, Paul (SHA / CHART / Ops / TOC 3)</a> Contact's Call Sign: 9302 Field Unit: CHART Unit 012185G	MDOT Response Unit	<input checked="" type="checkbox"/> 04:14	<input checked="" type="checkbox"/> 04:24	<input checked="" type="checkbox"/> 04:45	<input type="checkbox"/> M	SG-01218 Display on Monitors / Desktop	0.7	Game Preserve Rd (Gaithersburg)
<a href="#">Lanning, Jeremy (SHA / CHART / Ops / TOC 3)</a> Contact's Call Sign: 9300 Field Unit: CHART Unit SG04942	MDOT Response Unit	<input checked="" type="checkbox"/> 05:17	<input checked="" type="checkbox"/> 05:17	<input checked="" type="checkbox"/> 06:09	<input type="checkbox"/> M	SG-04942 Display on Monitors / Desktop	0.6	Game Preserve Rd (Gaithersburg)
<a href="#">Office of Communications ( OC ) (SHA)</a> Note: HOLLY PEARL		<input checked="" type="checkbox"/> 05:15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<a href="#">Peck, Tim (SHA / CHART)</a> Contact's Call Sign: 9004		<input checked="" type="checkbox"/> 05:19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<a href="#">Rockville Barrack N (MSP)</a>		<input type="checkbox"/>	<input checked="" type="checkbox"/> 04:18	<input checked="" type="checkbox"/> 06:54	<input type="checkbox"/>			
<a href="#">Schaefer, Jason (SHA / CHART / Ops / TOC 3)</a> Contact's Call Sign: 9316 Field Unit: CHART Unit 023915G	MDOT Response Unit	<input type="checkbox"/>	<input checked="" type="checkbox"/> 04:21	<input checked="" type="checkbox"/> 04:39	<input checked="" type="checkbox"/> 07:06	SG-02391 Display on Monitors / Desktop	13.2	(Silver Spring)
<a href="#">Smith, Thomas (SHA / CHART / Ops / TOC 3)</a> Contact's Call Sign: 9315 Field Unit: CHART Unit SG84427	MDOT Response Unit	<input type="checkbox"/>	<input checked="" type="checkbox"/> 04:15	<input checked="" type="checkbox"/> 05:09	<input checked="" type="checkbox"/> 06:41	SG-84427 Display on Monitors / Desktop	65.0	Safety Dr (Centreville)
<a href="#">Tyler, Gary (SHA / CHART / Ops / TOC 3)</a> Contact's Call Sign: 9305 Field Unit: CHART Unit 045415G	MDOT Response Unit	<input type="checkbox"/>	<input checked="" type="checkbox"/> 04:25	<input checked="" type="checkbox"/> 04:57	<input type="checkbox"/> M	04541-SG Display on Monitors / Desktop	0.5	Professional Dr (Gaithersburg)
<a href="#">Weishaar, Zachary (SHA / CHART / Ops / TOC 3)</a> Contact's Call Sign: 9314 Field Unit: CHART Unit SG84439	MDOT Response Unit	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 06:39	<input checked="" type="checkbox"/> 07:46	SG-84439 Display on Monitors / Desktop	28.7	Forestville Rd (District Heights)



Who is nearby?



Have they been dispatched to the Incident?



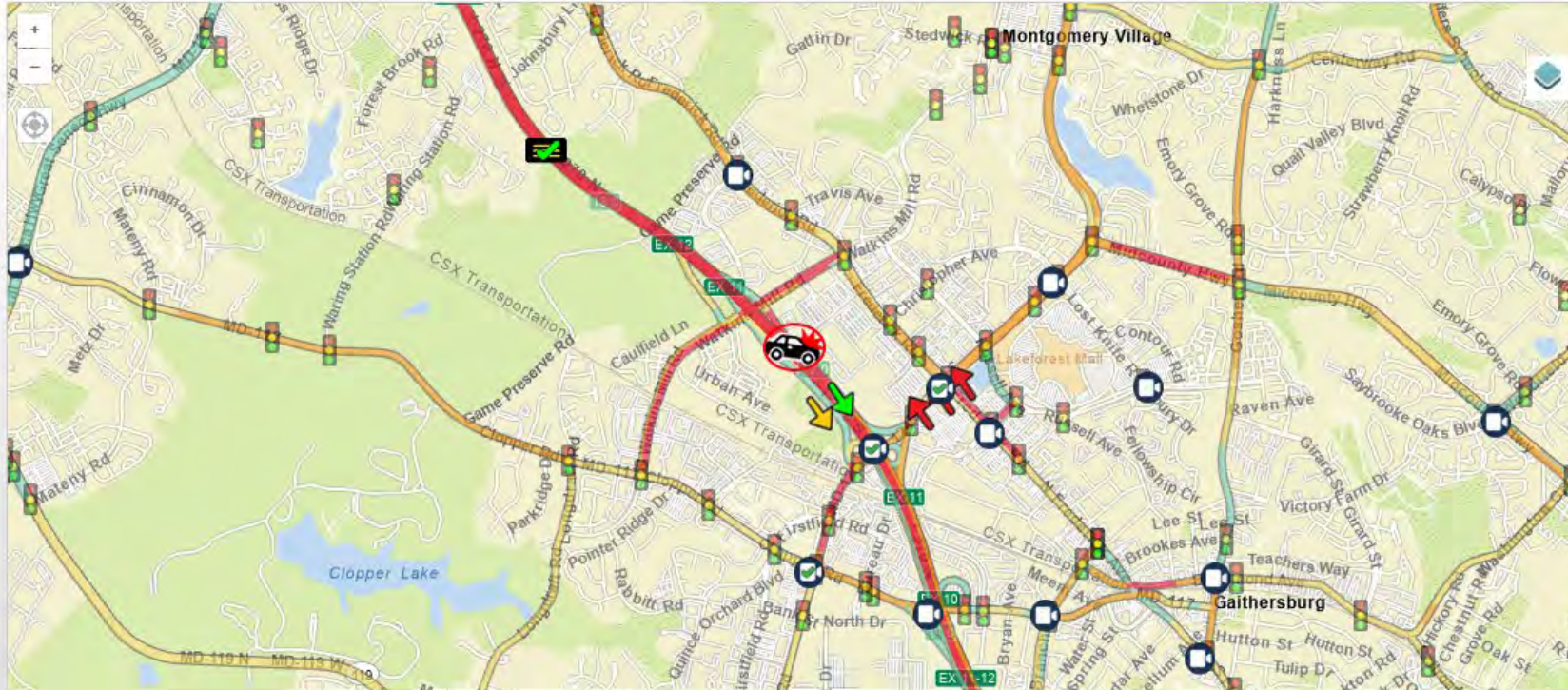
Have they arrived?



Do they have mobile camera capability?

# What ITS devices are nearby? Which message signs should I use?

Close Devices [Hide](#)



Select DMSs, HARS, Cameras, On/Off Devices to add to Response (SHIFT + click to select, CTRL + click to toggle selection).  
\*External Devices are not shown on the map.

Devices in Visible Area ->

DMSs (1)

HARS (0)

Cameras (13)

On/Off Devices (0)

TSSs (2)

Click a tab to view the devices.



What messages should be on the message signs?

Response [Add Items](#) [Multi-Item Actions](#) [Preview on Map](#) [Refresh](#)

Target Device	Proposed Message			Status
	Camera	Preset	Actions	
4 Monitors <a href="#">Show Monitors</a>	<a href="#">04541-SG</a> MD	None	<a href="#">Display on Desktop</a> <a href="#">Request Control</a>	Tour entries added to the following monitor(s): SOC Room 124 Strategy Monitor 1, SOC Projector 2, CHART Operations 3 Impath, TSOC Wall Monitor 1  <a href="#">Execute</a> <a href="#">Revoke Execution</a>
	<a href="#">I-270 &amp; Montgomery Village Ave (MD 124)</a> I-270 & Montgomery Village Ave (MD 124) (CAM 85)	N/A	<a href="#">Display on Desktop</a>	
	<a href="#">Frederick Rd (MD 355) at Montgomery Village Ave (MD 124)</a> Frederick Rd (MD 355) at Montgomery Village Ave (MD 124) (CAM 68)	N/A	<a href="#">Display on Desktop</a>	
	<a href="#">Clopper Rd (MD 117) at Quince Orchard Rd (MD 124)</a> Clopper Rd (MD 117) at Quince Orchard Rd (MD 124) (CAM 129)	N/A	<a href="#">Display on Desktop</a>	
	<a href="#">SG-04942</a> MD	None	<a href="#">Display on Desktop</a> <a href="#">Override Control</a>	
	<a href="#">SG-01218</a> MD	None	<a href="#">Display on Desktop</a> <a href="#">Request Control</a>	
	<a href="#">Edit Tour</a> <a href="#">Display on Desktop</a>			
3301 I-495 IL past Exit 39 MD 190 <a href="#">Device Details</a> / <a href="#">Device Queue</a>			Requested message "CRASH I-270 N EXIT 12 ALL LANES CLOSED" is active on DMS "3301" <a href="#">Execute</a> <a href="#">Revoke Execution</a> <a href="#">Remove</a>	
3303 I-270 North prior to Exit 4 Montrose Road <a href="#">Device Details</a> / <a href="#">Device Queue</a>			Requested message "CRASH AT EXIT 12 ALL LANES CLOSED" is active on DMS "3303" <a href="#">Execute</a> <a href="#">Revoke Execution</a> <a href="#">Remove</a>	
3304 I-495 OL past Exit 33 MD 185 <a href="#">Device Details</a> / <a href="#">Device Queue</a>			Requested message "CRASH I-270 N EXIT 12 ALL LANES CLOSED" is active on DMS "3304" <a href="#">Execute</a> <a href="#">Revoke Execution</a> <a href="#">Remove</a>	
3305 I-270 South past Exit 13 Middlebrook Rd <a href="#">Device Details</a> / <a href="#">Device Queue</a>			Response plan item set inactive <a href="#">Execute</a> <a href="#">Revoke Execution</a> <a href="#">Remove</a>	
8302 trs bckup ICC: I-270 North, prior to I-370 and Gude Drive, ICC (bckup for 8372) <a href="#">Device Details</a> / <a href="#">Device Queue</a>			Requested message "CRASH AT EXIT 12 ALL LANES CLOSED" is active on DMS "8302 trs bckup" <a href="#">Execute</a> <a href="#">Revoke Execution</a> <a href="#">Remove</a>	

# DECISION SUPPORT (SUGGEST RESPONSE MESSAGES)

## ATMS RELEASE 30

Directly in the users Traffic Event Workflow with the goal of promoting faster sign selection and standardized message content.

### Decision Support Design Considerations

- Operators are responsible for all messages.
- Decision Support should not be wrong... It is better for the system not to suggest or leave out information that can be added by an operator.
- Do not provide a one click execute all option. Operators must evaluate messages.
- Do not alter the current workflow (Decision Support can be ignored).

Decision Support results are presented to the operator in the Response section of every traffic event **every time lanes are closed or updated**. These suggestions can be **used (executed) without change, edited (copy and edit) or removed (not to be suggested again)**.

Operators are responsible for all message content; **Decision Support does NOT send messages to signs without user interaction**. The Decision Support feature is rules-based, meaning for every event and every lane change the system looks at a complex set of rules to make suggestions. **These rules are configurable by a System Administrator**.

**Response** [Add Items](#) [Multi-Item Actions](#) [Preview on Map](#) [Suggest Response Messages](#)

**Decision Support:** IN PROGRESS: Received nearest exit information from GIS mapping service. (8 seconds elapsed)


Target Device	Miles	Proposed Message	Status	Suggested
7715 I-95 NB NORTH OF MD 32	1.21	[Redacted]	Execute Revoke Remove	<ul style="list-style-type: none"> <li>CRASH AHEAD 3 LFT LNS CLOSED</li> <li>CRASH I-95 N AT EXIT 4I</li> <li>CRASH AT EXIT 4I MD 175 3 LEFT LANES CLOSED</li> </ul>
7716 MD 32 EAST PAST EXIT 14 BROKEN LAND PKWY	2.48	[Redacted]	Execute Revoke Remove	[Redacted]
7701 I-95 North prior to Exit 38 MD 32	3.26	[Redacted]	Execute Revoke Remove	[Redacted]

**Response** [Add Items](#) [Multi-Item Actions](#) [Preview on Map](#) [Suggest Response Messages](#)

**Decision Support:** COMPLETED @ 09:41:05 (took 10 seconds)

Target Device	Miles	Proposed Message	Status	Suggested
7715 I-95 NB NORTH OF MD 32	1.21	[Redacted]	Execute Revoke Remove	<ul style="list-style-type: none"> <li>CRASH AHEAD LEFT LANE CLOSED</li> <li>LEFT LANE CLOSED</li> <li>CRASH AT EXIT 4I MD 175 LEFT LANE CLOSED</li> </ul>
7716 MD 32 EAST PAST EXIT 14 BROKEN LAND PKWY	2.48	[Redacted]	Execute Revoke Remove	[Redacted]
7701 I-95 North prior to Exit 38 MD 32	3.26	[Redacted]	Execute Revoke Remove	[Redacted]

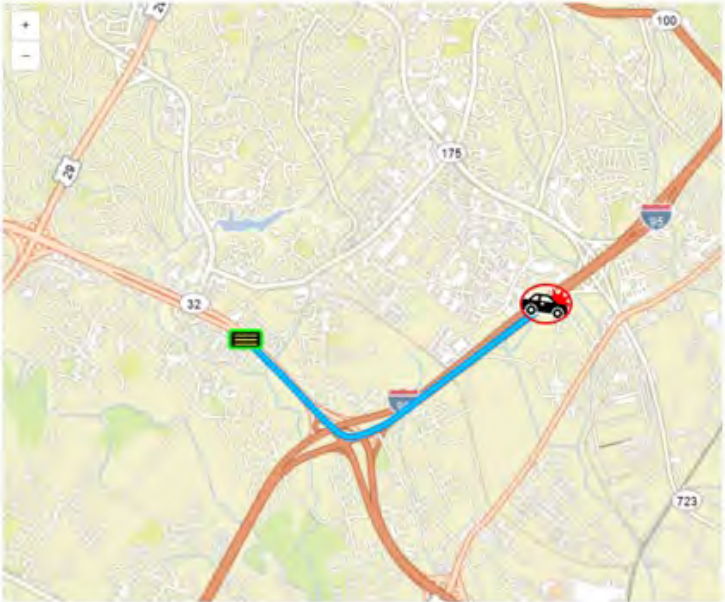
# Decision Support suggestions can be validated in two ways.



## CHART

Main Window Help

**Suggestion Details for DMS: 7716**  
**for use by Incident @ I-95 NORTH AT EXIT 41B-A MD 175 WATERLOO RD (NB) (MM 40.5)**  
**[Collision, Property Damage]**



**Device Score** 76.86

**Proximity** Other Route

**Air Miles** 2.48

**Roadway Miles** 3.13


**Number of Turns** 1

**Has U-Turn** false

**Driving Directions**

- Go southeast on State Highway 32 (MD-32 E) (0.92 mi) [State]
- Take the exit on the left to merge onto I-95 N (2.22 mi) [Interstate]

**Suggested Messages**


Message Score	Suggested Message	Scoring Summary	Scoring Filters	Template Tags
67.78		EvtTypes:10.0, Dist:2.5, Max Turns:4.2, U-Turn:2.5, Route Types:0.3, MaxCols:5.0, Pages:0.0, Tags:43.4	<b>Traffic Event Types</b> 1 / 7 <b>Distance Categories</b> 2 / 3 <b>Maximum Turns</b> 1 <b>Allow U-turn</b> NO <b>Route Types</b> 9 / 10 <b>Maximum Columns</b> 16	<13LANE_CLOSURES1> <13LANE_CLOSURES2> <EXIT_NUM> <EXIT_PROXIMITY> <INCIDENT_TYPE> <ROUTE_DIR> <ROUTE_NUM>

Tour entries added to the following monitor(s): SIM SOC Lobby Monitor 2, SIM SOC Room 124 Strategy Monitor 1, SIM SOC Projector 2, SIM TSOC Wall Monitor 1


[Execute](#) [Revoke](#)

**Suggested**


CRASH AHEAD LEFT LANE CLOSED

[Copy & Edit](#) [Execute](#) 

LEFT LANE CLOSED

[Copy & Edit](#) [Execute](#) 

CRASH I-95 N AT EXIT 41 MD 175 LEFT LANE CLOSED

[Copy & Edit](#) [Execute](#) 

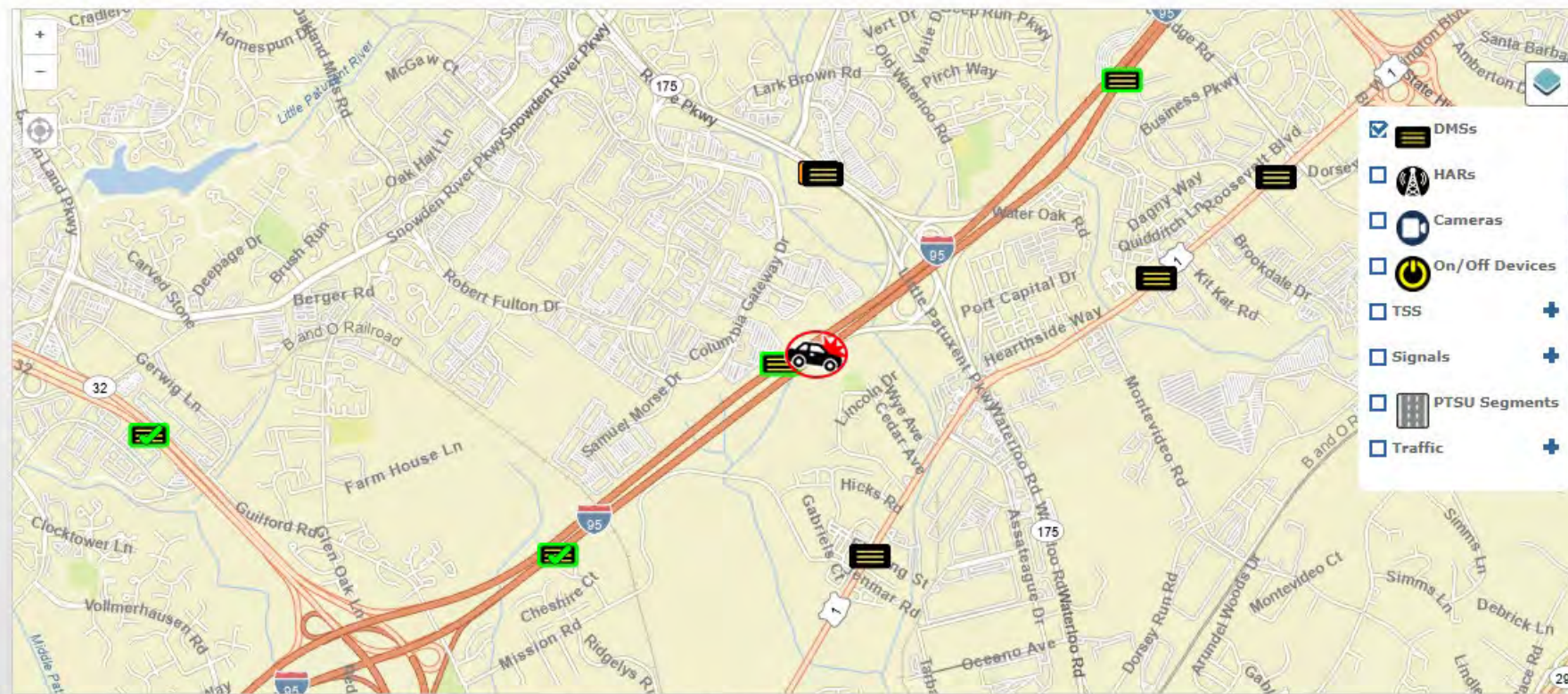
CRASH I-95 N AT EXIT 41 MD 175

Operators can click on the magnifying glass icon under the suggested message which will open a new window with sign routing details to help the user verify the suggestion is appropriate...



...Or operators can view the Close Devices Map in the event. Suggested signs will have a green check mark. (It is helpful to use the map layer control to turn off all layers except DMS when making selections.)

Close Devices [Hide](#)



Select DMSs, HARs, Cameras, On/Off Devices to add to Response (SHIFT + click to select, CTRL + click to toggle selection).  
\*External Devices are not shown on the map.

Devices in Visible Area ->

DMSs (9)	HARs (0)	Cameras (10)	On/Off Devices (0)	TSSs (6)
----------	----------	--------------	--------------------	----------



If an operator decides a sign should not be used in a particular event, clicking the “Remove” link will remove the sign from the response plan and it will not be suggested again. A user may add the sign back manually and it will then start suggesting messages again.

Response [Add Items](#) [Multi-Item Actions](#) [Preview on Map](#) [Suggest Response Messages](#)

Decision Support: COMPLETED @ 09:41:05 (took 10 seconds)

Target Device	Miles	Proposed Message	Status	Suggested
<a href="#">7715</a> I-95 NB NORTH OF MD 32	1.21	 <a href="#">Edit (Auto)</a> <a href="#">Edit (Manual)</a>	 <a href="#">Execute</a> <a href="#">Revoke</a> <a href="#">Remove</a>	 <a href="#">Copy &amp; Edit</a> <a href="#">Execute</a>

If the operator decides to use the suggested DMS with no changes they can click the “Execute” link which will carry the suggested message over to the Proposed Message column and issue the execute command.

<a href="#">7715</a> I-95 NB NORTH OF MD 32	1.21	 <a href="#">Edit (Auto)</a> <a href="#">Edit (Manual)</a>	Requested message "CRASH AHEAD LEFT LANE CLOSED" is active on DMS "7715"  <a href="#">Execute</a> <a href="#">Revoke</a> <a href="#">Remove</a>	 <a href="#">Copy &amp; Edit</a> <a href="#">Execute</a>
---	------	---	--	---

The screenshot shows the CHART web application interface. The main window is titled "Edit DMS Response Message (Manual): 7716". It features a large display area showing the message "LEFT LANE CLOSED" in yellow text on a black background. Below this, there are two pages of input fields for editing the message. Page 1 contains three rows: "CRASH", "I-95 N", and "AT EXIT 41". Page 2 contains three rows: "LEFT LANE", an empty field, and "CLOSED". There are also checkboxes for "Beacons" and a "Description" field containing "RPI - CRASH I-95 N AT EXIT". At the bottom, there are buttons for "OK", "Cancel", "Check Spelling", and "Show Adv. Editor".

On the right side, there is a sidebar with a gear icon and text: "Four entries added to the monitor(s): SIM SOC Lobby, Monitor 2, SIM SOC Room, Strategy Monitor 1, SIM SOC Projector 2, SIM TSO Wall Monitor". Below this, there are "Control" and "Execute Revoke" links. A "Suggested" section shows three message cards. The second card, which reads "CRASH I-95 N AT EXIT 41", has its "Copy & Edit" link circled in red.

If the operator decides to edit the suggested message, they can click the “Copy & Edit” link which will carry open the “Edit (Manual)” page. The operator can then edit the message and execute as normal.

## Decision Support:

Only looks for DMS 10 road miles (not air miles) from the events location. Operators will need to add signs over 10 miles from the event manually.

Considers events as 1.9 and less miles from a sign as “AHEAD”.

Can suggest different messages for events at various distances from signs with different % of lanes closed.

Works for both Incident and Roadwork events.

Allows only 1 turn to route from a sign to an event.

Does not allow U-Turns to route from a sign to an event.


## Decision Support:

Can only propose Exits and Mileage. Exits are proposed via the mapping engine not the event location.

(Events where operators use location descriptors such as “IN TUNNEL”, “ON BAY BRIDGE” “LOCAL LANES” will not be suggested. Decision Support will suggest signs that will route to the event; but the Operator will need to edit the messages.)

Clicking on the magnifying glass icon in the Response section will provide details of why signs are not suggested.

**Response** [Add Items](#) [Multi-Item Actions](#) [Preview](#)

Decision Support:  COMPLETED @ 11:46:10 (took 2 seconds)

Target Device Mi

**Decision Support Status for Incident @ I-95 OUTER LOOP AT MM 3.0 [Other]**

**COMPLETED (took 2 seconds)**

11:46:10	Suggestions Ready
11:46:10	Generated suggestions for DMS: 3331 @ MD 210 North 1/2 mile prior to I-95/I-495.
11:46:10	Generating suggestions for DMS: 3331 @ MD 210 North 1/2 mile prior to I-95/I-495.
11:46:10	No suggestions generated for DMS: 3332 @ MD 210 South 1/4 mile prior to I-95 (2.31 mi; 3 turns; No U-turn). No path or turn-by-turn directions present. The number of turns (3) exceeds max turns allowed (1).
11:46:10	Generating suggestions for DMS: 3332 @ MD 210 South 1/4 mile prior to I-95.
11:46:10	No suggestions generated for DMS: 3327 @ I-95/I-495 OL (North) prior to Exit 7 MD 5 (8.3 mi; 3 turns; Has U-turn). Roadway distance (8.3 mi) exceeds 8.0 mi limit for 50% lanes closed. No path or turn-by-turn directions present. The number of turns (3) exceeds max turns allowed (1). The directions contain a U-turn, but U-turns are not allowed.
11:46:10	Generating suggestions for DMS: 3327 @ I-95/I-495 OL (North) prior to Exit 7 MD 5.

**No suggestions generated for DMS: 3332 @ MD 210 South 1/4 mile prior to I-95 (2.31 mi; 3 turns; No U-turn). No path or turn-by-turn directions present. The number of turns (3) exceeds max turns allowed (1)**



Decision Support is very mapping intensive. Operators should take extra care to plot events correctly (MOVE THE LOCATION SPLAT). Under the hood Decision Support uses latitude and longitude.

Toll Rate Signs are exempt from Decision Support and will not be suggested.

The system administrator can create word substitutions so messages can be auto formatted for smaller signs. These abbreviations are MUTCD compliant. Example: LFT for LEFT, LNS for LANES. There is no approved abbreviation for CLOSED.

DMS signs can be configured to only allow Decision Support results for a single direction.



## Special cases are taken into consideration

7709 will only suggest for I-95 North

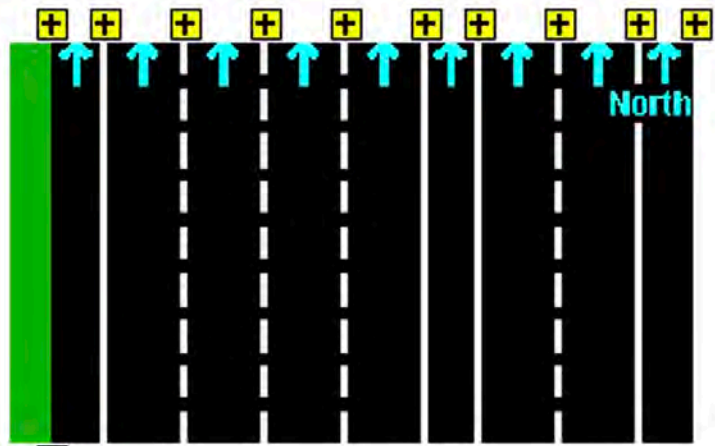
7725 will only suggest for I-95 South



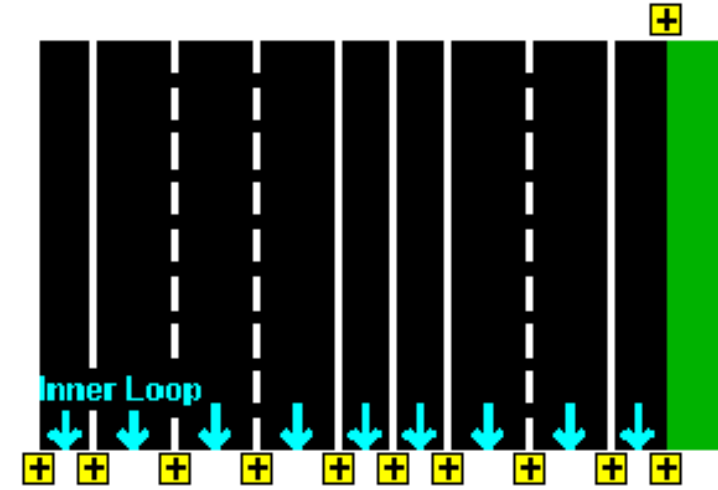
8850 will only suggest for I-895 North

# But, Maryland can get complicated.

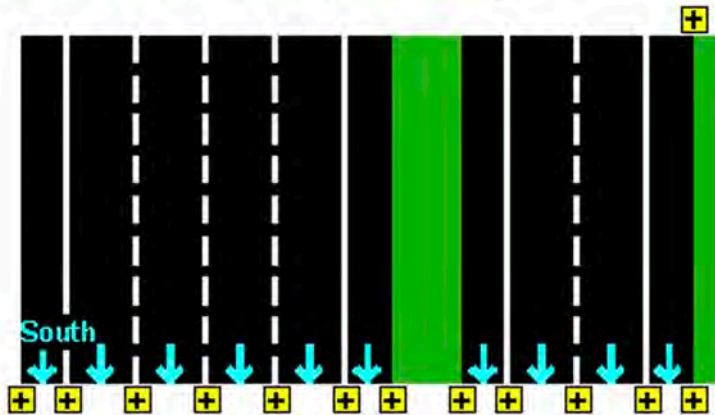
Collector / Distributor lanes on I-270 in Montgomery County.



I-95 Approaching WWB



I-95 ETL lanes in Baltimore County.





**The system is very configurable.**



**Operator usage has been very high.**



**Updates are rolled out regularly.**

(Operator input is gathered daily)



**Difficult to extrapolate concrete efficiency stats**




# QUESTIONS? COMMENTS?





# Contact

 Rashad Rice

 Division Chief – TMC Operations

 Maryland DOT - SHA

 [RRice2@maryland.mdod.gov](mailto:RRice2@maryland.mdod.gov)

# Michigan Department of Transportation



**Ben Schimberg, P.E.**  
**Operations Engineer – Statewide TOC**  
**Michigan DOT**  
[SchimbergB@michigan.gov](mailto:SchimbergB@michigan.gov)



## CV-ATMS Project

Held procurement for Lane Closure Entry Management and Connected Vehicle Management Systems

### Key Features of New Procurement

- Full Work Zone Data Exchange (WZDx) support including Lane Array
- Connected work zone device integration
- Utilize WZDx for internal and external applications
- Roadside Unit (RSU) support for USDOT 4.1 and NTCIP 1218 based RSUs
- Automated traveler information message distribution
- Security Credentials Management System (SCMS) also included for RSU and On-Board Unit (OBU) certificates

Awarded to Kapsch TrafficComm USA, Inc.

# Lane Closure Requests

January 1<sup>st</sup>, 2026 – MDOT migrated Mi Drive's work zone backend from Traffic Flow Restrictions (TFR)/Terra Form Manager (TFM) to new CV-ATMS – Kapsch TrafficCom USA, Inc.

Reduced the number of users statewide

Lane closure request form is filled out at the Region level

Personnel with CV-ATMS access utilize system to input data from lane closure request form

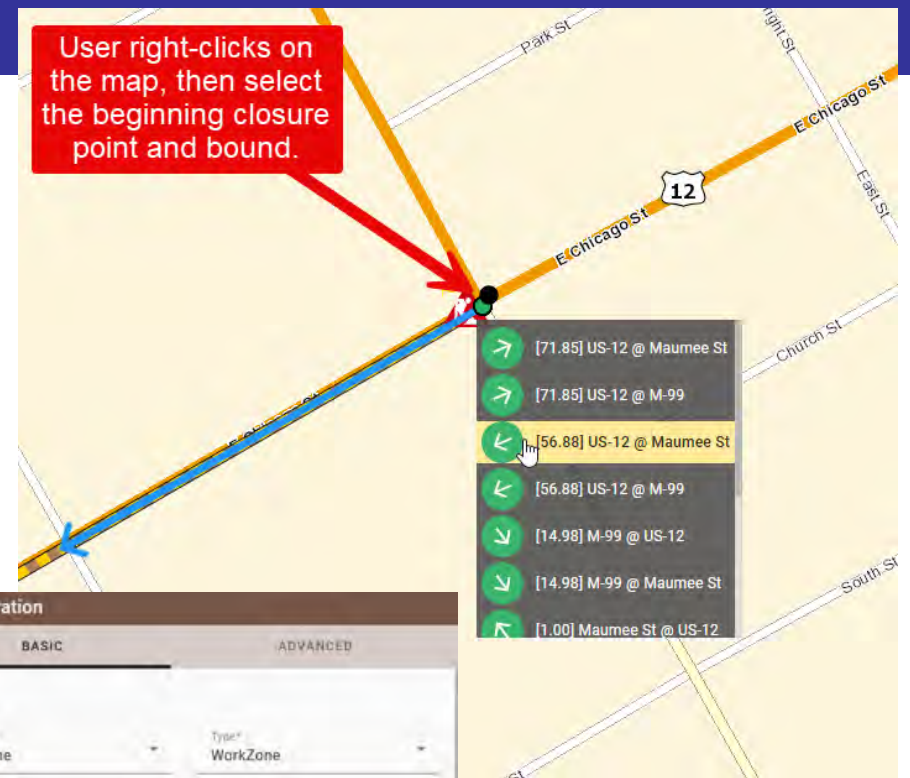
Closure gets pushed to Mi Drive

# Lane Closure Entry

## 1. Closure Location

## 2. Draft – Start/End Time

User right-clicks on the map, then select the beginning closure point and bound.



**Configuration**

BASIC      ADVANCED

**What?**  
Category\* Workzone      Type\* WorkZone

Search TAGS

**Status**  
Draft      Impact Minor

Unconfirmed      Right Zone\* University

Draft       Draft

Inactive

**When?**  
Start date\* 5/4/2026      Start time\* 11:00 AM

End date\* 5/4/2026      End time\* 12:00 PM

Ask for confirmation when activate or deactivate

CANCEL    CREATE

Begin with status as 'Draft' until closure is completed with no errors. Selecting begin/end date and times.

### 3. Work Zone Attributes



### 4. Cross Street

**Configuration**

BASIC      **ADVANCED**

Reduced weight      Amount\*      Units\*      -

Axle load limit      Amount\*      Units\*      -

Gross weight limit

**Workzone attributes**

Job type  
Utility work

Contact

Class type  
Long-term

Request type  
Lane

Moving closure

Holiday schedule

**Detour info**

DetourInfo

CANCEL    **CREATE**

This portion of the lane closure process, the user will fill out the relevant drop-downs for: Job type, Closure and Request. Then clicks 'Create'.

**Lane restrictions**

**Segment selection**

Milepost       Cross street

Beginning cross street\*  
[71.94] US-12 @ Wright St

Ending cross street\*  
[72.46] US-12 @ Concord Rd

CANCEL    SAVE

No lane restriction entries  
Click on the ADD button to add lanes.

DELETE    CONFIGURE LANE

Lane restrictions tab on the form is where the end cross street is entered.



# 5. Impacted Lanes



# 6. Confirm - Post

**Lane restrictions**

Segment selection

Milepost  Cross street

Starting cross street  
[71.94] US-12 @ Wright St

Ending cross street  
[72.46] US-12 @ Concord Rd

EDIT

No.	Lane type	Lane restrictions	Lane status
1	General	-	Closed

After saving the end cross street, editing the lanes impacted is the next step to determine which lanes closed display on Mi Drive.

**Configuration**

BASIC ADVANCED

Code: 9073 Name: US-12; Total Closure

What?  
Category: Workzone Type: WorkZone

Search TAGS

Status

STATUS

Draft Unconfirmed Confirmed Draft

Impact: Minor

Right Zone: University

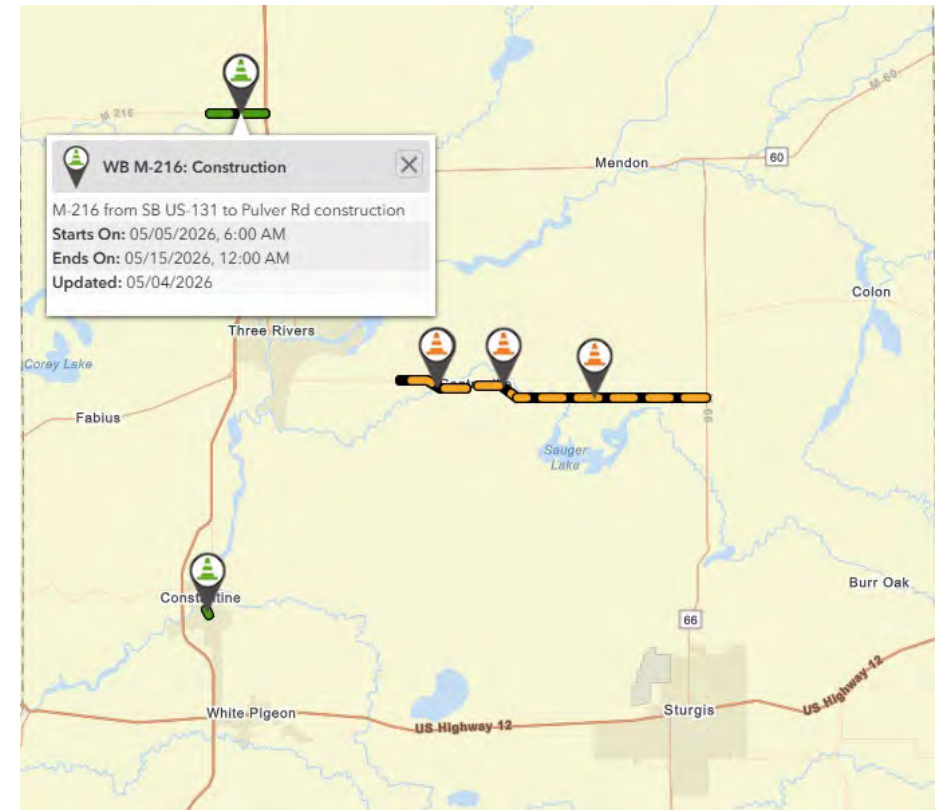
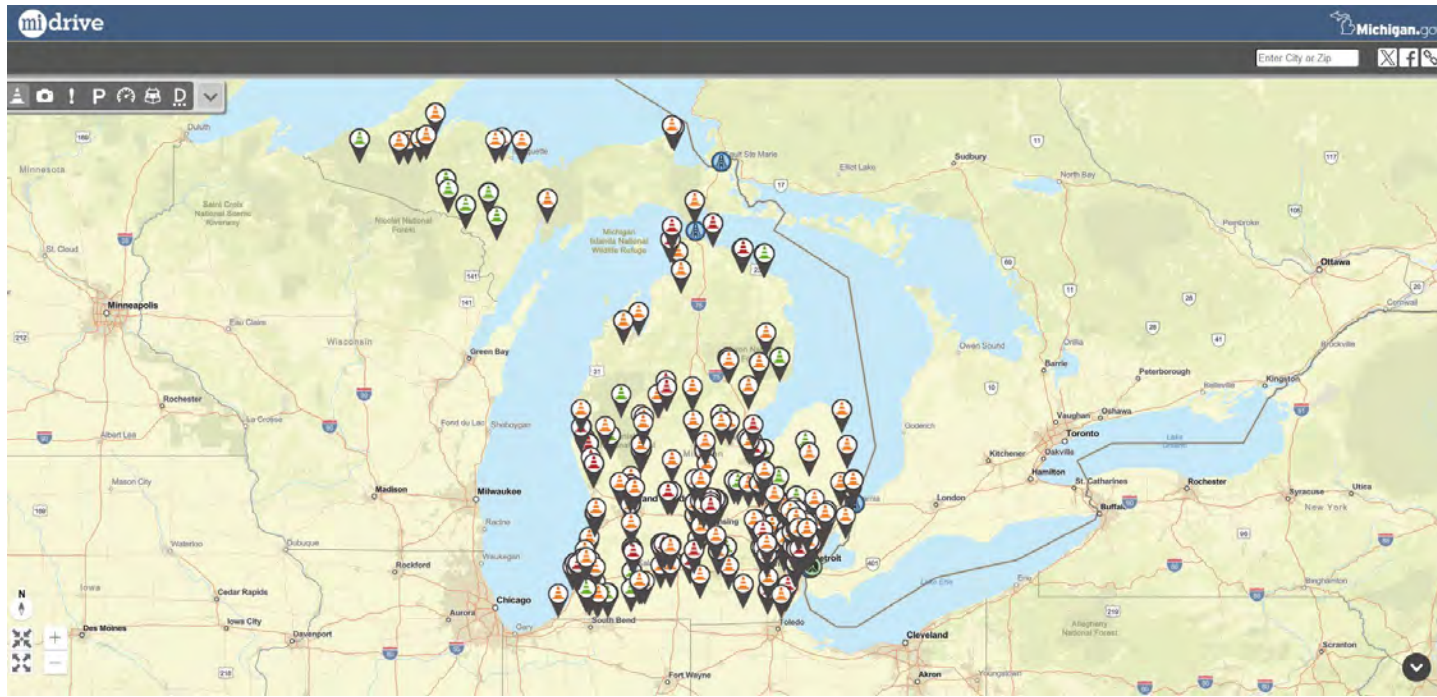
When?  
Start Date: 5/4/2020

DELETED CLONE REPORT EDIT

Confirmed

Lastly, the user will change the status from Draft to Confirmed. Once confirmed the closure will display to Mi Drive automatically once within the time window.

# Mi Drive



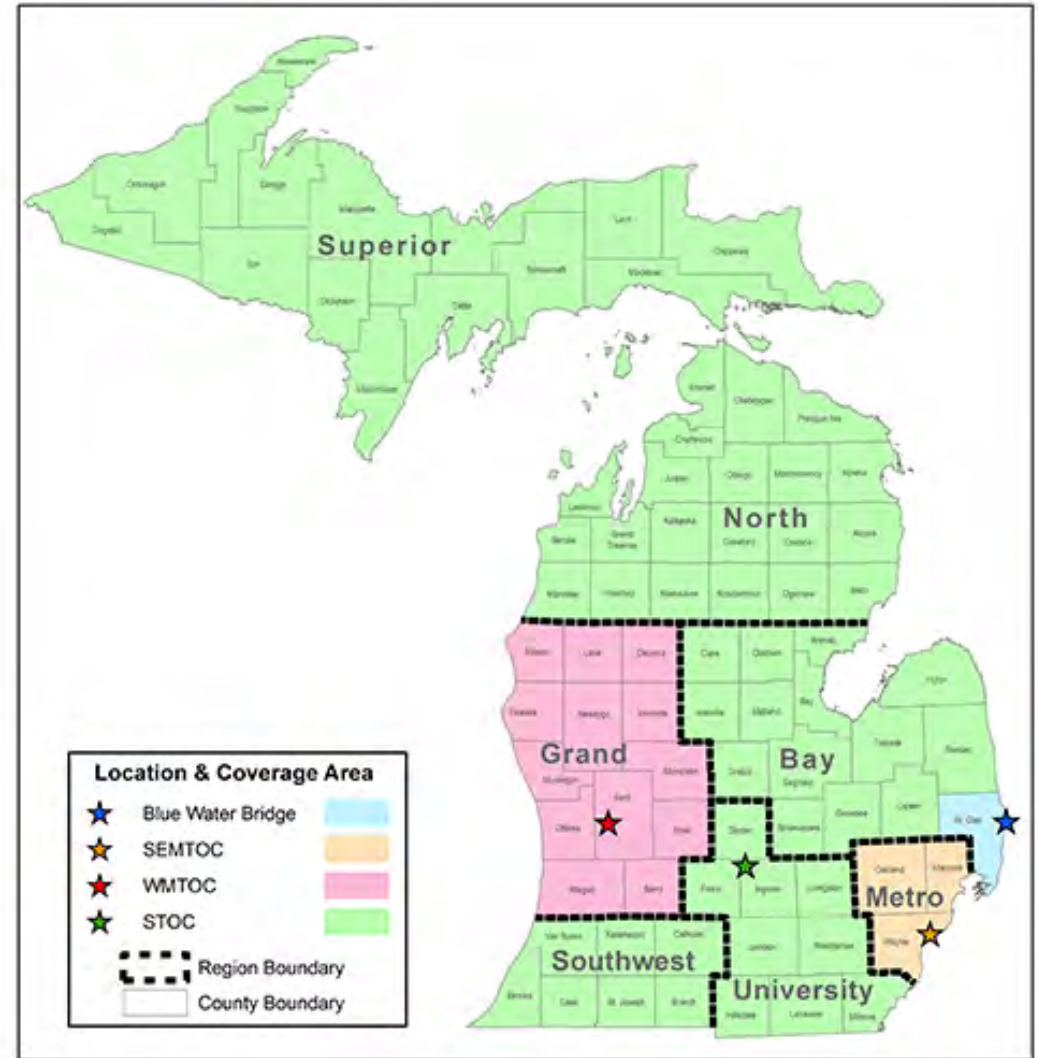
Left image shows closures statewide

Closure color based on impact (planned, partial closure, total closure)

Completed lane closure entry will show up as shown on right

# Contact

- Ben Schimberg, P.E.
- Operations Engineer – Statewide TOC
- Michigan DOT
- [SchimbergB@michigan.gov](mailto:SchimbergB@michigan.gov)



# Minnesota Department of Transportation



**John McClellan**  
**Freeway Operations Supervisor**  
**Minnesota Department of Transportation**  
[john.mcclellan@state.mn.us](mailto:john.mcclellan@state.mn.us)



# On-Going

- MNDOT studying color DMS with Mich State U
  - Research to feed MUTCD committee
    - Actual RGB numbers for colors to match static signs
    - Driver behavior study for sign context
  - Loaning a 30-foot Ledstar DMS, view tests at 800 feet.
- IRIS move to web UI from Java (ATMS)



- Cameras

- 6 cameras tested over winter – Bosch did the best.
- Solicitations in progress for next contract.

- Camera recording

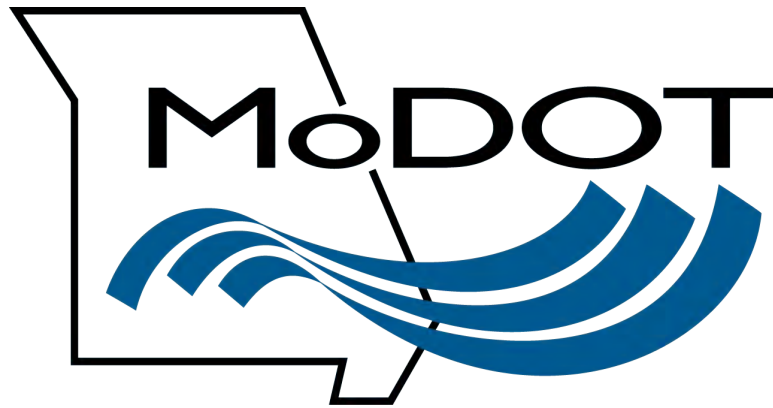
- Metro increase from ~4700 in 2024 to ~5500 in 2025.
- State Patrol, local PD, stable from 2024
  - Moderate increase – Progressive & lawyers
  - Big increases - other insurance and general-public.
- LE & public/insurance balanced 50/50



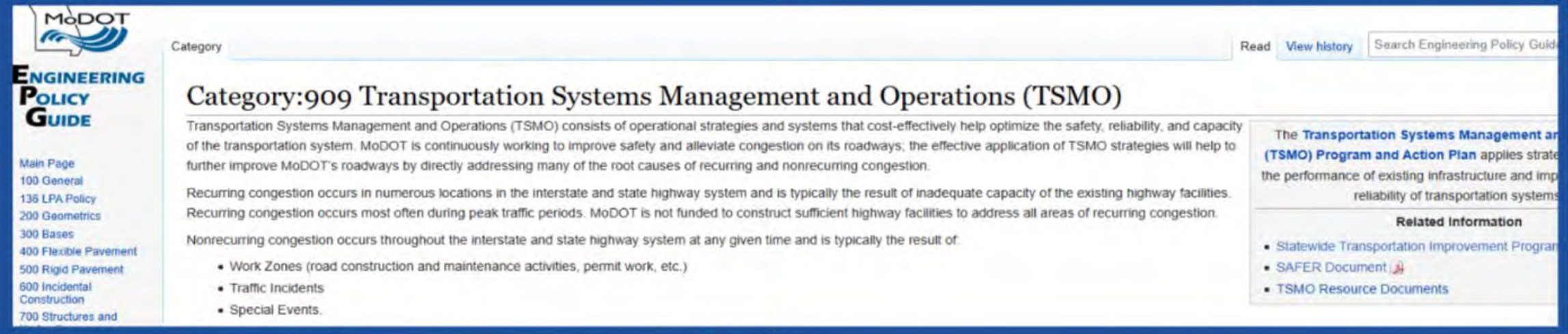
- MNDOT Dispatch Hay study

- TMC dispatch
- Maintenance dispatch
  
- Union – MAPE & AFSCME
- TMC is not 24/7 – Maintenance is
- Maintenance is Metro only
- Patrol supposed to do non-Metro MNDOT work afterhours, including call outs and DMS boards.

# Missouri Department of Transportation



**Kelly Alvarez**  
**Traffic System Supervisor**  
**MoDOT-Kansas City Scout TMC**  
[kelly.Alvarez@modot.mo.gov](mailto:kelly.Alvarez@modot.mo.gov)



MoDOT

ENGINEERING POLICY GUIDE

Main Page  
100 General  
135 LPA Policy  
200 Geometrics  
300 Bases  
400 Flexible Pavement  
500 Rigid Pavement  
600 Incidental Construction  
700 Structures and

Category  [Read](#) [View history](#)

## Category:909 Transportation Systems Management and Operations (TSMO)

Transportation Systems Management and Operations (TSMO) consists of operational strategies and systems that cost-effectively help optimize the safety, reliability, and capacity of the transportation system. MoDOT is continuously working to improve safety and alleviate congestion on its roadways; the effective application of TSMO strategies will help to further improve MoDOT's roadways by directly addressing many of the root causes of recurring and nonrecurring congestion.

Recurring congestion occurs in numerous locations in the interstate and state highway system and is typically the result of inadequate capacity of the existing highway facilities. Recurring congestion occurs most often during peak traffic periods. MoDOT is not funded to construct sufficient highway facilities to address all areas of recurring congestion.

Nonrecurring congestion occurs throughout the interstate and state highway system at any given time and is typically the result of:

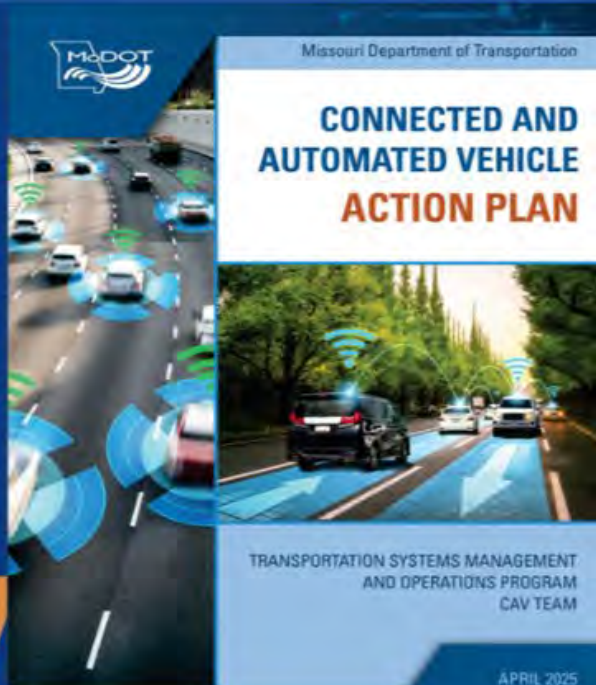
- Work Zones (road construction and maintenance activities, permit work, etc.)
- Traffic Incidents
- Special Events.

The **Transportation Systems Management and Operations (TSMO) Program and Action Plan** applies strategies to improve the performance of existing infrastructure and improve the reliability of transportation systems.

**Related Information**

- Statewide Transportation Improvement Program
- SAFER Document
- TSMO Resource Documents

# STATEWIDE UPDATES



- Statewide TSMO Project = Push enhance TSMO Culture
  - Update to the Engineering Policy Guide 909
  - Section 910 (ITS) getting a refresh with new ITS specs
  - CV/AV Plan Published

# TSMO CULTURE BUILDING



VIDEOS OF TSMO  
SUCCESS STORIES

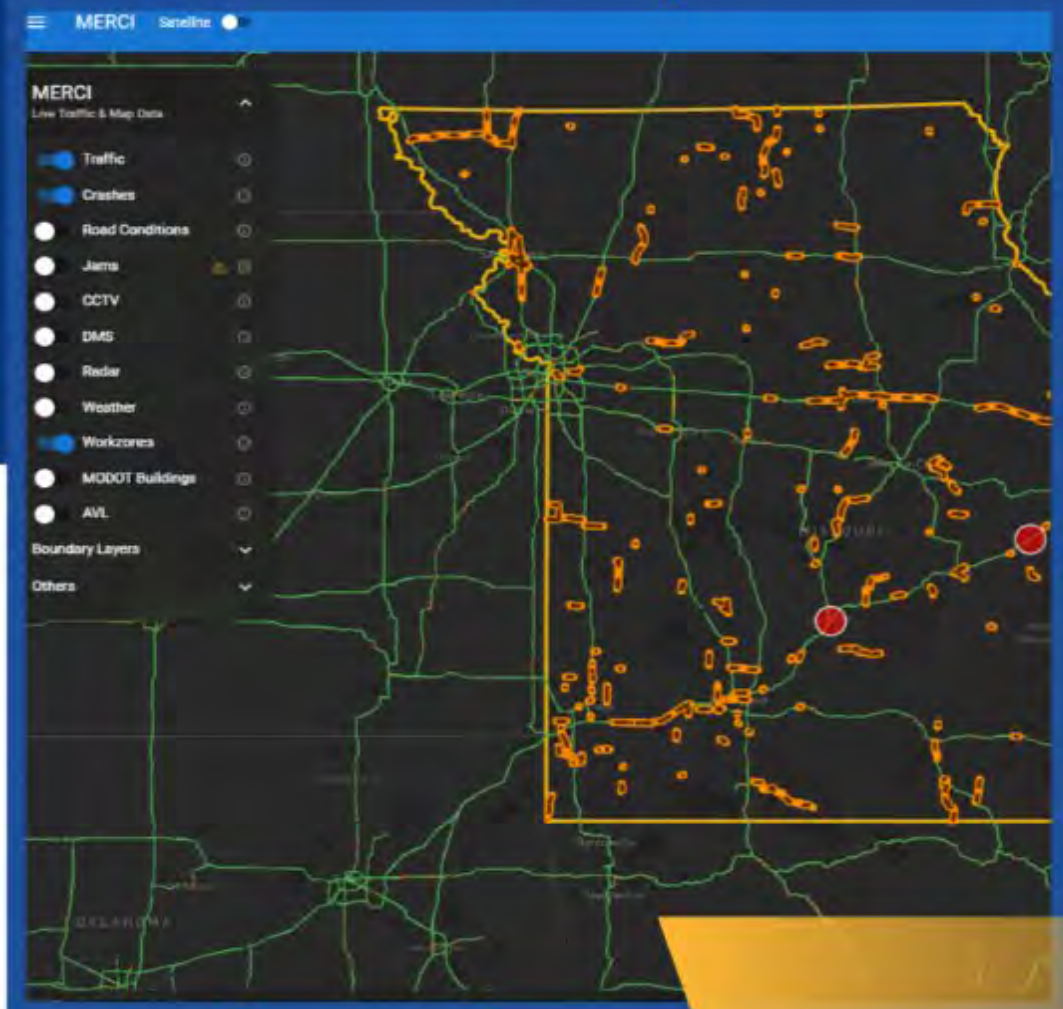
INAUGURAL  
TSMO SUMMIT

TARGETTING  
NEXT GENERATION



# TITAN DATA PLATFORM

- Partnered with the University of Missouri
- Focus on enhancing data and analytics for MoDOT
- Two major focus areas:
  - MERCI
  - ASSETS





# KC SCOUT PROJECT UPDATES



Aside from preparing for FIFA World Cup, KC Scout has been busy with several key projects for system improvements listed below.

## RAMP METERING

Removing 9/20 ramp meters within the metro due to traffic changes.

## DMS & CCTV IMPROVEMENT

Have replaced (2) DMS and on track to replace (8) amber DMS with color in spring 2028. 12 new CCTV coming online

## EMERGENCY RESPONSE HOURS

No longer 24/7 hours of service. Only staffing 5am-10pm



# IMPROVE I-70



FEBRUARY 2026

Totals listed are STIP funds unless otherwise noted.

## Planned Capacity Improvements Blue Springs to Wentzville

PROGRAM SCHEDULE: 2024-2030

Under Construction - \$2.0 billion

Funded Future Improvements - \$1.34 billion

**Truck Parking**  
Multiple Locations Statewide

A corridor-wide project is underway to evaluate and improve truck parking at multiple locations along I-70 statewide near Odessa, Concordia, Boonville, Marshfield, and Wentzville.

Federal Grant: \$10 million



**Blue Springs to Odessa**  
25 miles

Improvements: \$367 million

- STIP: \$42 million
- General Revenue: \$325 million

2025-2028

**Odessa to Concordia**  
27 miles

Future Improvements: \$163 million

- STIP: \$0
- General Revenue: \$163 million

Est. Start: 2027

**Concordia to Boonville**  
42 miles

Future Improvements: \$566 million

- STIP: \$10 million
- General Revenue: \$556 million

Est. Start: 2027

**Boonville to Rocheport**  
17 miles

Completed Rocheport Bridge Substructure

Improvements: \$125 million

- STIP: \$0
- General Revenue: \$125 million

2026-2028

**Rocheport to Columbia**  
14 miles

Improvements: \$441 million

- STIP: \$26 million
- General Revenue: \$415 million

2026-2028

**Columbia to Kingdom City**  
20 miles

Improvements: \$426 million

- STIP: \$125 million
- General Revenue: \$301 million

2024-2027

**Kingdom City to Warrenton**  
44 miles

Completed Missouri 400  
\$20 million

Future Improvements: \$581 million

- STIP: \$23 million
- General Revenue: \$558 million

Est. Start: 2027

**Warrenton to Wentzville**  
19 miles

Improvements: \$634 million

- STIP: \$634 million
- General Revenue: \$0 million

2025-2028

**PROJECT STATUS**

- Design/Procurement
- Awarded/Under Construction
- Complete

**PLANNED CAPACITY IMPROVEMENTS:**

STIP funded: \$456 million  
General Revenue funded: \$2.84 billion

- 1.1 million jobs depend on I-70
  - Workforce development opportunities
  - I-70 carries 100 million tons of freight
- [modot.org/improve70](http://modot.org/improve70)



# STL GATEWAY GUIDE UPDATES



## DEVICE UPGRADES

- (8) DMS Replaced
- (117) Switches Replaced
- Moving from traditional signal optimizations toward SPMs
- CCTV Gap Project

## AI RESEARCH PROJECT WITH UNIVERSITY OF MISSOURI

- AI Enabled Vision System for Intersection Analytics
  - Plug and play turning movement counts and wrong way detection
  - Near miss detection and analysis
  - Automatic traffic signal performance measures



# SPRINGFIELD OZARK TRAFFIC **UPDATES**

- TMC video wall replacement in the works
- Upgrading their area switches to a Layer 3
- Working with TransCore to develop and implement intersection level incident mapping in Transuite ATMS
- Sending all Emergency/Motorist Assist Units to KC District to help with FIFA World Cup



## Contact Me

- Kelly Alvarez
- MoDOT Traffic Systems Supervisor
- Kansas City Scout in MoDOT's Kansas City District
- [Kelly.Alvarez@modot.mo.gov](mailto:Kelly.Alvarez@modot.mo.gov)



# Nevada Department of Transportation

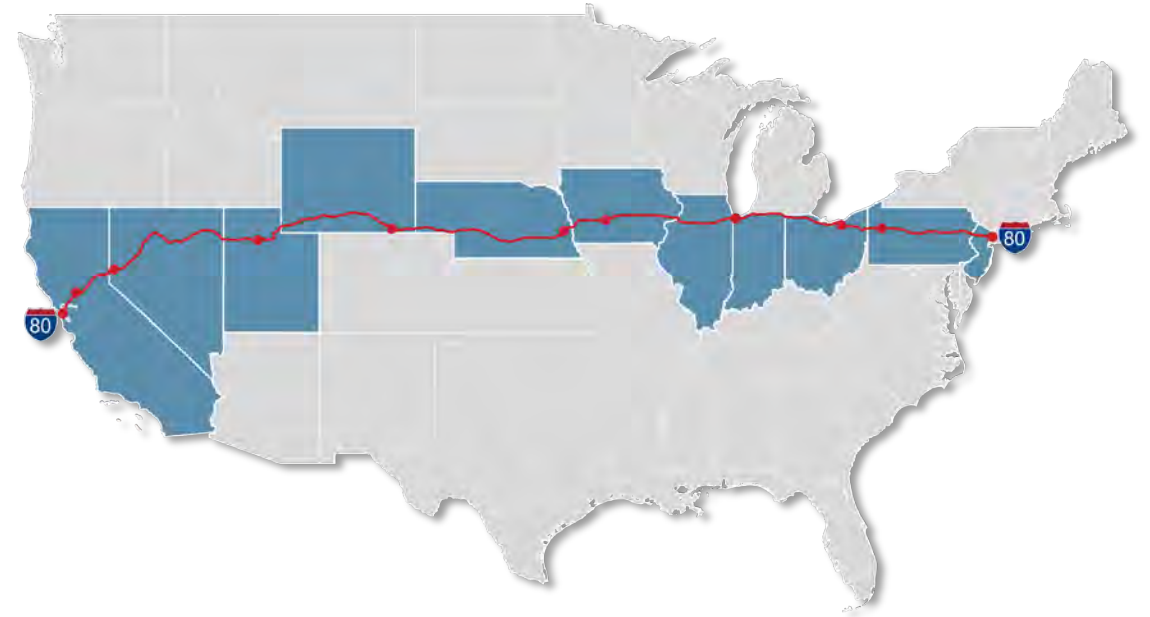


**Juan Hernandez**  
**Asst. Chief Traffic Ops Engineer**  
**Nevada DOT**  
[jchernandez@dot.nv.gov](mailto:jchernandez@dot.nv.gov)

# I-80 ENHANCING CORRIDOR COMMUNICATIONS ROADMAP

## SMART GRANT PROJECT

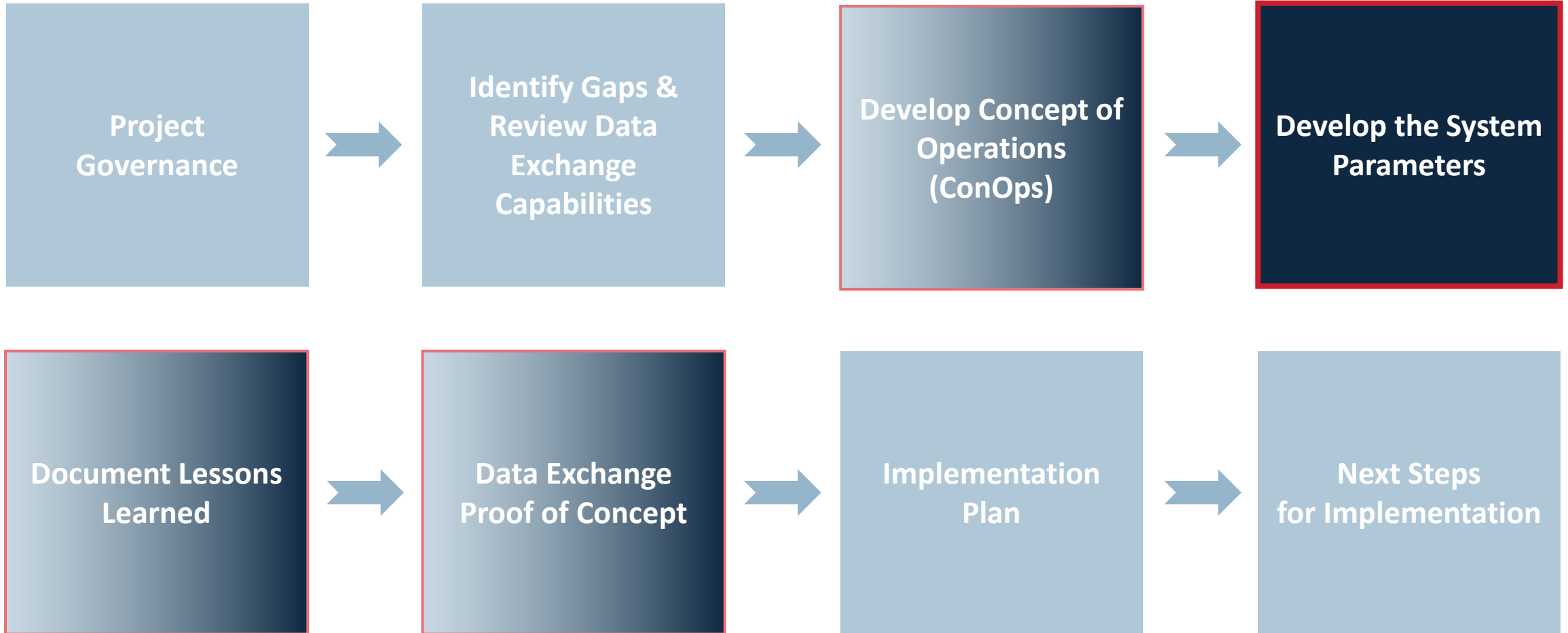
- **USDOT SMART Grant Program** – demonstration projects focused on advanced smart community technology and systems to improve transportation efficiency and safety.
- **I-80 Corridor Stage 1 Project** –
  - ✓ Improve the safety, reliability and resiliency of the transportation network.
  - ✓ Establish data exchange system processes and definitions for data formats, storage, and exchange procedures (including data quality/accuracy).
  - ✓ Improve situational awareness for road users and transportation agencies, including end-to-end traveler information, advanced notification of traffic and roadway conditions, and incident management.
  - ✓ Develop a scalable system that allows for additional use cases, integration, and/or expansion of data sets and users.



CONNECTIVITY | INTEROPERABILITY | SCALABILITY

# PROJECT STATUS

## Project Scope & Deliverables Progress



# THE PROBLEMS WE'RE SOLVING

## PAIN POINTS AND BARRIERS



### **PAIN POINTS** *(What problems are we solving?)*

- Incident Management
- Traveler Information
- 3<sup>rd</sup> Party Platform/Industry Coordination
- Operational Coordination

### **BARRIERS** *(What's stopping us now?)*

- Lack of Standardization
- Resource Constraints
- Data Governance
- Policy/Regulatory Differences
- Agency Systems

# CONCEPT OF OPERATIONS

## Building Consensus on Key Elements



**System Objectives** – Alignment on goals and objectives of system



**Operational Scenarios & Priority Use Cases** – Confirmation and refinement



**Users & Stakeholders of the System** – Identification of primary users, user needs, and other secondary and tertiary stakeholders of the system



**Concept of the Proposed System** – TMC-to-TMC, DOT-to-TIMs, or Both?



**System Overview** – Inputs > Data Exchange Platforms > Outputs



**Operational Environment** – Three potential development models



**System Impacts** – Initial thinking on preliminary benefits, risks and questions

# DX SYSTEM PARAMETERS

## Functional and Non-Functional Requirements

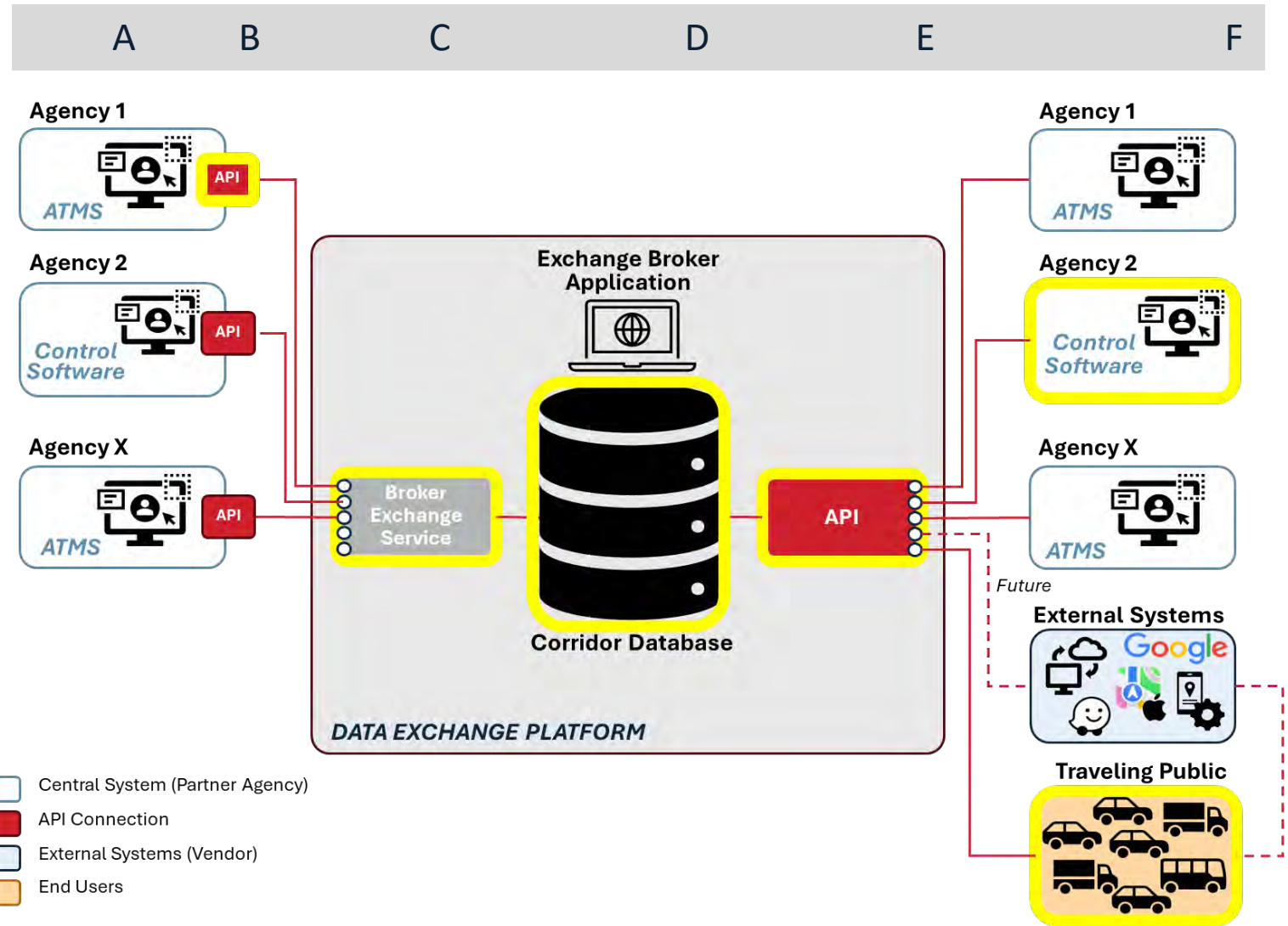
### 1. Functional Requirements

- a. Ingestion & Connectivity  
(Upstream Integration)
- b. Processing (Normalization, Aggregation, Mapping)
- c. Data Storage, Catalog, & Lineage
- d. Consumer Integration  
(Agencies --> DX APIs )

### 2. Non-Functional Requirements

- a. Performance & Latency
- b. Availability & Reliability
- c. Security
- d. Privacy & Compliance
- e. Data Quality & Freshness
- f. Scalability & Capacity
- g. Maintainability & Support

# CORE COMPONENTS OF PROPOSED SYSTEM

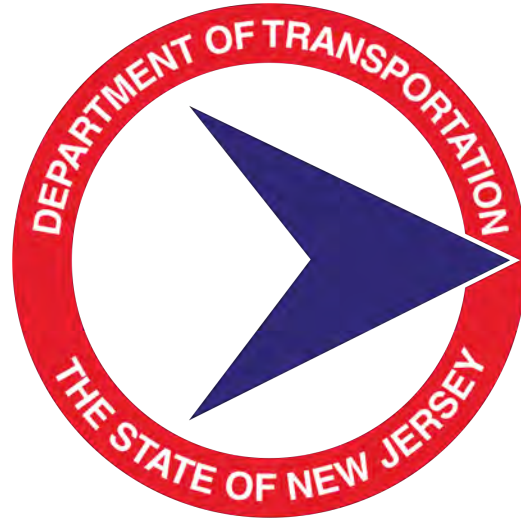




## Contact

- Juan Hernandez
- Asst Chief Traffic Ops Engineer
- NV DOT Traffic Operations
- [jchernandez@dot.nv.gov](mailto:jchernandez@dot.nv.gov)

# New Jersey Department of Transportation



**Christopher Straniero**  
**Engineering Technician 3**  
**NJDOT Mobility Operations North**  
**[Christopher.Straniero@dot.nj.gov](mailto:Christopher.Straniero@dot.nj.gov)**



## New and note-worthy in Jersey

- Two Words:

○ *ATMS & iNET*



# ATMS/iNET



ONE RING TO RULE  
THEM ALL

# ATMS/iNET – the construct

The screenshot displays the Parsons iNET ATMS/iNET interface. The browser address bar shows the URL <https://njdot.parsonsinet.com/atms/atmslite.jsp>. The top navigation bar includes the following items: 511NJ, CHANGE REQUEST, DASHBOARDS, DIVERSION ROUTES, NJTIM, NJTMS, OUR RESOURCES, ABOUT, ADMINISTRATION, REPORTING, LIBRARY, VIDEO WALL, and LOGOUT. A secondary navigation bar features icons and labels for various system components: CCTV, CALLLOG, DMS, ESS, EVENT, MAINTENANCE, SSP, SIGNAL, SNOWPLOW, TTPATHS, VA, VDS, and WWD. The main content area shows a night-time aerial view of a city with illuminated buildings and streets. On the left side, there is a vertical sidebar with several icons, including a home icon, a bell, a group of people, a location pin, a list icon, a grid icon, a star, a magnifying glass, a question mark, and a user profile icon.

# ATMS/iNET - CCTV



**CCTV**

State	Device Name	Reachery Name	Cross Street	City	Mile Post	Region	Status
OK	001 (MM 000.7) SD	US 1 S	Route 125	Trenton City	0.7	South	OK
OK	001 (MM 000.0) SD	US 1 S	Trenton Freeway	Lanrance	0.0	South	OK
OK	001 (MM 000.0) MD	US 1 M					
OK	001 (MM 007.0) SD	US 1 S					
OK	001 (MM 000.0) ND	US 1 N					
OK	001 (MM 000.7) SD	US 1 S					
OK	001 (MM 000.0) ND	US 1 N					
OK	001 (MM 000.4) MD	US 1 M					
OK	001 (MM 000.4) MD	CARD (DOME)					
OK	001 (MM 011.0) SD	US 1 S					

001 (MM 000.7) SD - US 1 S at Route 125

Mile Post: 0.7

Last Poll: 2026-04-10 15:33:14

Status: OK

Region: South

Default Visibility: [Lock] [Back] [Lock]

Locked By: [FOCUS: Auto] [IRIS: Auto]

Last PTZ By: [Select a Preset] [Select a Tour]

Parsons iNET

https://njdot.parsonsinet.com/atms/atmsite.jsp

511NJ CHANGE REQUEST DASHBOARDS DIVERSION ROUTES NJTJM NJTMS OUR RESOURCES ABOUT ADMINISTRATION REPORTING LIBRARY VIDEO WALL LOGOUT

Map of Long Island with green location markers.

195 (MM 032.65) MD : I 195 M at Allaire Road

Mile Post: 32.65

Last Poll: 2026-04-10 15:33:14

Status: OK

Region: South

ROUTE 195 LOOKING EAST

Snapshot

Status: OK Block: [ ] Lock: [ ]

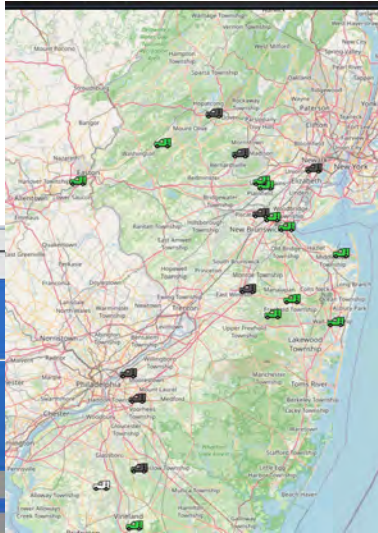
Locked By: [FOCUS: Auto] [IRIS: Auto]

Last PTZ By: [Select a Preset] [Select a Tour]

Viewer

74.17649, 40.21882

# ATMS/iNET – SSP



AVL History

Breadcrumb Map

Breadcrumb Date Range

Start: 4/10/2026 15:00

End: 4/10/2026 15:45

Find All Vehicles with Breadcrumbs

First Breadcrumb of selected vehicle(s): 4/10/2026, 3:00:50 PM

Last Breadcrumb of selected vehicle(s): 4/10/2026, 3:44:51 PM

Primary Vehicle

<input checked="" type="checkbox"/>	SAMSARA-IMRT-281474987273528	11 of 17	27 mph	52°
<input checked="" type="checkbox"/>	SAMSARA-IMRT-281474987276186	10 of 13	0 mph	0°
<input checked="" type="checkbox"/>	SAMSARA-IMRT-281474987271999	3 of 5	0 mph	0°
<input checked="" type="checkbox"/>	SAMSARA-IMRT-281474987272068	0 of 3	0 mph	0°
<input checked="" type="checkbox"/>	SAMSARA-MAINT-281474987272019	n/a	0 mph	0°
<input checked="" type="checkbox"/>	SAMSARA-MAINT-281474987273430	n/a	0 mph	0°
<input checked="" type="checkbox"/>	SAMSARA-IMRT-281474987272069	n/a	0 mph	0°
<input checked="" type="checkbox"/>	SAMSARA-IMRT-281474987273430	n/a	0 mph	0°
<input checked="" type="checkbox"/>	SAMSARA-MAINT-281474987276186	n/a	0 mph	0°

Stop Playback Fri Apr 10 2026 15:22:50 GMT-0400 (Eastern Daylight Time)

Select the CALL-LOG type: CallLog List Radio Log

Viewer

Select the CALL-LOG type: CallLog List Radio Log

Call Date/Time: 4/10/2026 15:38

SSP Name: 7526 - Carlos Olivero

Location: North

Vehicle Model: I-295

License Plate: Disabled

Called Us: 33

Corrective Action: Blue

On Scene: HY

Time Departed: SON

Unit Type: NJ

On Scene Date/Time: 4/10/2026 15:38

Time Departed Date/Time: [Empty]

Please enter your notes below and click the plus button once done

DESCRIPTION OF CALL

New / Cancel Save More

CALLLOG

Calllog List:

Radio Log Summary

ID	Call DateTime	SSP Name	EventID	Reason For Call	Route	Direction	Mile Post	Vehicle Color	Vehicle Model	Lic State	Lic Plate	Road Location	Unit Type	Call Type	Dispatcher	Comm	Corrective Action	How Discovered	Aid Number	Departed Time
82045	2026-04-10 15:38:00	7526 - Carlos Olivero		Disabled	I-295	North	33	Blue	SON	NJ	J48WNA	RIGHT SHOULDER	SSP	Called Us	Nicole M. Crespo	SOUTHCOMM				
82044	2026-04-10 15:34:00	1728 - Charles Newsome		Debris	I-78	West	57.4	Blue	N/A	NJ	A81VTJ	RIGHT SHOULDER	SSP	Called Us	Takacs Joseph M	NORTHCOM	N/A	N/A		
82042	2026-04-10 15:32:00	7532		Disabled	I-295	North	71.2	Green	FOR	NJ	X76VAU	RIGHT SHOULDER	SSP	Called Us	Nicole M. Crespo	SOUTHCOMM				
82036	2026-04-10 15:10:00	7512 - Steve Bonamassa		MVA	I-295	North	24.0	N/A	N/A	N/A	N/A	RAMP	SSP	Called Us	Nicole M. Crespo	SOUTHCOMM	N/A	N/A		
81987	2026-04-10 11:21:00	1715 - Matthew Winnans		Enroute	I-78	West	43.1	N/A	N/A	N/A	N/A	N/A	SSP	Called Us	LaVelle Robert M	NORTHCOM	N/A	N/A		
81985	2026-04-10 11:15:00	1735 - Jason Bieglecki		Enroute	I-78	West	43.1	N/A	N/A	N/A	N/A	N/A	SSP	Called Us	LaVelle Robert M	NORTHCOM	N/A	N/A		
81972	2026-04-10 10:31:00	IMRT9		Enroute	I-78	West	43.1	N/A	MC	N/A	N/A	CENTER LANES(S)	SSP	Called Us	Lowe Monique M	NORTHCOM	N/A	N/A		

7 Of 7 Records

# ATMS/iNET - VMS

DMS List:

State	Device Name	Roadway Name	Cross Street	City	Mile Post	Region	Status	Current Message	Size P x L x C
	001 NB (MM006.2) - A	US 1 N	Bakers	Lawrence	6.2	South	Errors	REDUCE SPEED THROUGH WORK ZONES	2 x 3 x 13
	001 NB (MM013.02) - FC	US 1 N		Plainsboro	13.02	North	Errors	BECOME A PROPER NJTROOPER.COM	2 x 3 x 21
	001 NB (MM014.29) - LUCS HSR	US 1 N		South Brunswick	14.29	North	Errors	[Red X]	2 x 1 x 1
	001 NB (MM014.47) - LUCS HSR	US 1 N		South Brunswick	14.45	North	OK	[Red X]	2 x 1 x 1
	001 NB (MM014.87) - LUCS HSR	US 1 N		South Brunswick					
	001 NB (MM015.12) - LUCS HSR	US 1 N		South Brunswick					
	001 NB (MM015.45) - LUCS HSR	US 1 N		South Brunswick					

Navigation: CCTV, CALLLOG, CONTACTS, DMS, ESS, EVENT, MAINTENANCE, SCH, SSP, SIGNAL, SNOW

001 NB (MM006.2) - A : US 1 N at Bakers

Mile Post: 6.2

Last Poll: 2026-04-10 15:35:47

Status: ERRORS

Region: South

Message: STATEWIDE POTHOLE REPAIRS

Buttons: Poll, Brightness, Text Mode, Multi Mode

Status Details: Power Error

Override: HighImpact, MediumImpact, LowImpact, Manual

Phase 1 | Phase 2

Priority: Manual

Schedule End Time: [Off]

Start Date: 2026-04-10, Start Time: 15:37

End Date: 2026-04-10, End Time: 16:37

Repeat: [Buttons]

Beacons: [Off]

Summary Table:

Type	Summary
Electrical	4
Mechanical	0
"Stuck On"	0
"Stuck Off"	0
"Stuck"	0
"Parked"	0

Navigation: CCTV, CALLLOG, DMS, ESS, EVENT, MAINTENANCE, SSP, SIGNAL, SNOWPLOW, TTPATHS, VA, VDS, WWD

001 NB (MM006.2) - A : US 1 N at Bakers

Mile Post: 6.2

Last Poll: 2026-04-10 15:35:47

Status: ERRORS

Region: South

Message: REDUCE SPEED THROUGH WORK ZONES

Buttons: Poll, Brightness, Text Mode, Multi Mode

Status Details: Power Error

Override: HighImpact, MediumImpact, LowImpact, Manual

Phase 1 | Phase 2

Priority: Manual

Schedule End Time: [Off]

Start Date: 2026-04-10, Start Time: 15:37

End Date: 2026-04-10, End Time: 16:37

Repeat: [Buttons]

Beacons: [Off]

Navigation: CCTV, CALLLOG, DMS, ESS, EVENT, MAINTENANCE, SSP, SIGNAL, SNOWPLOW, TTPATHS, VA, VDS, WWD

# ATMS/iNET – WEATHER SENSORS (ESS)

State	Device Name	Roadway Name	Cross Street	City	Mile Post	Region	Status
NJ	NJ-001	US 206	North of CR 512/Pottersville Rd [84.5]	Chester Twp	84.5	North	OK
NJ	NJ-002	NJ 124	In the Vicinity of CR 649/John F Kennedy Plaza [7.4]	Summit	7.6	North	Expired
NJ	NJ-003	US 46	West of Naughton Rd [24.4]	Mount Olive Twp	24.4	North	Failed
NJ	NJ-004	I-78	East of Exit 41 - Dale Rd to Plainfield Ave [42.9]	Berkeley Heights Twp	42.9	North	Failed
NJ	NJ-005	I-280	Exit 6 - CR 577 [8.2]	West Orange Twp	8.2	North	Failed
NJ	NJ-007	I-280	Exit 7 - Pleasant Valley Way/CR 636 [7.5]	West Orange Twp	7.5	North	Failed
NJ	NJ-008	I-287	North of Exit 55 - CR 511/Ringwood Ave [56.1]	Wanaque	56.1	North	Failed
NJ	NJ-009	I-80	Exit 4 - NJ 94/US 46 [4.6]	Knowlton Twp	4.6	North	Failed
NJ	NJ-010	NJ 94	South of NJ 15 [27.4]	Lafayette Twp	27.4	North	Failed
NJ	NJ-011	NJ 3	NJ 17 [9.4]	Rutherford	9.4	North	OK
NJ	NJ-012	NJ 17	Redbank/Exhibition [5.9]	Clinton	5.9	North	OK



NJ-001 : US 206 at North of CR 512/Pottersville Rd [84.5]

Mile Post: 84.5

Last Poll: 2026-04-10 19:40:00

Status: OK

Region: North

**Atmosphere Data**

68°F Air Temp, 43°F Dew Temp, 39% Relative Humidity

1 mph Average Wind Speed, 4 mph Gust

0 in Precipitation Intensity

**Surface Data:**

Sensor	Native ID	Surface Temp (°F)	On Bridge	Freeze Temp (°F)	Salinity	Black Ice	Ice Depth	Water Level (ft)	Surface Condition	Surface Friction(%)
4	1		N						Dry	
7	2		N						Dry	

**Sub-Surface Data:**

Sensor	Native ID	On Bridge	Depth	Sub Surf Temp (°F)	Status
2	0	N	NaN	55	OK
11	1	N	50		OK

Person's iNET

https://njdot.parsonsinet.com/atms/atmsite.jsp

2026-04-10 19:40:00

North NJ 94 at South of NJ 15 [27.4]

ESS ID: NJ-010

Status: Failed

Air Temperature: 71°F

Relative Humidity: 33%

Surface Conditions: Error

Precipitation: Error

Intensity: Error

Rate: Error

Speed: Error

Direction: Error

**Air Temperature**

- ✓ Above 32.0° F
- ✓ 32.0° F or Lower
- ✗ No Data / Data Not Current

**Sub Surface Temperature**

- ✓ Above 32.0° F
- ✓ 32.0° F or Lower
- ✗ No Data / Data Not Current

**Bridge Surface Temperature**

- ✓ Above 32.0° F
- ✓ 32.0° F or Lower
- ✗ No Data / Data Not Current

**All Surface Temperature**

- ✓ Above 32.0° F
- ✓ 32.0° F or Lower
- ✗ No Data / Data Not Current

**Precipitation**

- ✓ Rain Light
- ✓ Rain Moderate
- ✓ Rain Heavy
- ✓ Snow Light
- ✓ Snow Moderate

NJ WEATHER SAVVY IMG PORTAL

4/10/2026 6:46:45 PM

Vehicle List

- North (0)
- South (2)
- Operations (1)

Weather Data:

- Air Temperature: 71°F
- Road Temperature: 71°F
- Road Condition: Dry
- MP: 0.47 - 1.37
- Rel. Humidity: 33%
- Water: 50%
- Snow: 0%
- Six: 0%

# ATMS/iNET - EVENTS

Category	Status	RP	ID	Type	Sub-Type	Start Time	End Time	Road Type	Location	Region	Description	Modified By	Date Modified	SSP Vehicle	SSP Drive
Confirmed	Confirmed		102774	Congestion	Delays	2026-04-10 15:49	2026-04-10 23:19	Interstate	I-287 N at North of Exit 6 - CR 655/Washington Ave [6.5] to I-287 N at Exit 12 - CR 623 [12.3]	Central	NJ DOT - STMC: Delays on I-287 Northbound between North of Exit 6 - CR 655/Washington Ave (Piscataway Twp) and Exit 12 - CR 623 (Franklin Twp). All lanes open	mmkhaad	2026-04-10 15:50		
Confirmed	Confirmed		102760	Congestion	Delays	2026-04-10 15:49	2026-04-10 23:19	Interstate	I-287 S at North of Exit 7 - South Randolphville Rd [7.7] to I-287 S at Exit 3 - New Durham Rd [3.1]	Central	NJ DOT - STMC: Delays on I-287 Southbound between North of Exit 7 - South Randolphville Rd (Piscataway Twp) and Exit 3 - New Durham Rd (Edison Twp). All lanes open	mmkhaad	2026-04-10 15:49		
Response on scene	Response on scene		102757	Construction/Infra structure	Downed Tree/Wires	2026-04-10 15:37	2026-04-10 21:30	State Highway	NJ 18 S Ramp From Exit 6 - NJ 138 [5.4] to S	Central	NJ DOT - TOC South: Downed Tree/Wires on NJ 18 Southbound Ramp From Exit 6 - NJ 138 (Wall Twp). ramp lane closed	strawwell	2026-04-10 15:41		
Confirmed	Confirmed		102756	Congestion	Delays	2026-04-10 15:30	2026-04-10 20:00	State Highway	NJ 42 S at I-295 [14.2] to NJ 42 S at Exit 9A - CR 706/Coles Rd [9.5]	South	NJ DOT - TOC South: Delays on NJ 42 Southbound between I-295 (Belmar) and Exit 9A - CR 706/Coles Rd (Gloucester Twp). All lanes open	JTronco	2026-04-10 15:31		
Confirmed	Confirmed		102735	Congestion	Delays	2026-04-10 15:02	2026-04-10 19:00	State Highway	NJ 73 S at NJ 38 [28.6] to NJ 73 S at	South	NJ DOT - TOC South: Delays on NJ	JTronco	2026-04-10 15:43		

Response on scene Event 102520 : I-78 W at West of Exit 43 - CR 655/Diamond Hill Rd [ ... ]

Mile Post: 43.4

Last Updated: 2026-04-10 15:13 Status: RESPONSE ON SCENE Region: North

Unscheduled Scheduled Type: Crash Sub-Type: Crash Investigation

Severity: Major (>= 2 hours) Source: Operator-CCTV Parent:

Agency: NJ DOT - STMC Description: NJ DOT - STMC: Crash on I-78 Westbound West of Exit 43 - CR 655/Diamond Hill Rd

East West Unknown Lanes Send to 511  
 RS MN MN MN MD MN MN MN RS Rural Area Send Email  
 Intersection

Begin End Region: North City: Berkeley Height: County: Union Roadway Type: Interstate Roadway Name: I-78 Direction: West Relation: Cross St: West of Exit 43 - CR 655/D Mile Post: 43.4 Lat: 40.66668 Lon: -74.41436 Geocode: Set Location:

Set Required Fields Report Find SSP Update Confirm Dispatched On Scene Road Cleared Incident Cleared Queue Cleared Terminate

Response on scene Event 102520 : I-78 W at West of Exit 43 - CR 655/Diamond Hill Rd [ ... ]

Mile Post: 43.4

Last Updated: 2026-04-10 15:13 Status: RESPONSE ON SCENE Region: North

Unscheduled Scheduled Type: Crash Sub-Type: Crash Investigation

Severity: Major (>= 2 hours) Source: Operator-CCTV Parent:

Agency: NJ DOT - STMC Description: NJ DOT - STMC: Crash on I-78 Westbound West of Exit 43 - CR 655/Diamond Hill Rd

East West Unknown Lanes Send to 511  
 RS MN MN MN MD MN MN MN RS Rural Area Send Email  
 Intersection

Agencies on Scene: Add

En Route Date:	Time:	Arrival Date:	Time:
04/10/2026	10:52:28	04/10/2026	11:35:25
04/10/2026	10:52:28	04/10/2026	11:35:25
04/10/2026	10:47:49	04/10/2026	11:07:24
04/10/2026	10:58:17	04/10/2026	12:02:56
04/10/2026	12:03:08	04/10/2026	12:22:58
04/10/2026	10:42:53	04/10/2026	10:42:53
04/10/2026	10:47:25	04/10/2026	

Set Required Fields: Update Confirm Dispatched On Scene Road Cleared Incident Cleared Queue Cleared Terminate

Response on scene Event 102520 : I-78 W at West of Exit 43 - CR 655/Diamond Hill Rd [ ... ]

Mile Post: 43.4

Last Updated: 2026-04-10 15:13 Status: RESPONSE ON SCENE Region: North

Unscheduled Scheduled Type: Crash Sub-Type: Crash Investigation

Severity: Major (>= 2 hours) Source: Operator-CCTV Parent:

Agency: NJ DOT - STMC Description: NJ DOT - STMC: Crash on I-78 Westbound West of Exit 43 - CR 655/Diamond Hill Rd

East West Unknown Lanes Send to 511  
 RS MN MN MN MD MN MN MN RS Rural Area Send Email  
 Intersection

Choose File: No file chosen

Notes:

As per IMRT 171, All lanes reopened to traffic, right shoulder remains closed for cleanup. ED 1 hour [2026-04-10 15:13] RShah

As per IMRT 9 union county Haz Mat and ME have been dispatched to return to the scene to collect additional remains. [2026-04-10 14:51:02] rbehal

All lanes reopened, standing by on right shoulder. [2026-04-10 14:46:40] cstranaco

Tow company had refused to clean up debris from wreck which included human remains. Despite direct instruction to remove debris from the accident Scisano towing refused to clean up the remaining debris and departed the scene. Update STMC we are in the process of reopening the roadway. [2026-04-10 14:44:12] rbehal

External Notes:

All lanes reopened to traffic, right shoulder remains closed for cleanup, 30-35-minute delays. ED 1 hour

Set Required Fields: Report Find SSP Update Confirm Dispatched On Scene Road Cleared Incident Cleared Queue Cleared Terminate

Response on scene Event 102520 : I-78 W at West of Exit 43 - CR 655/Diamond Hill Rd [ ... ]

Mile Post: 43.4

Last Updated: 2026-04-10 15:13 Status: RESPONSE ON SCENE Region: North

Unscheduled Scheduled Type: Crash Sub-Type: Crash Investigation

Severity: Major (>= 2 hours) Source: Operator-CCTV Parent:

Agency: NJ DOT - STMC Description: NJ DOT - STMC: Crash on I-78 Westbound West of Exit 43 - CR 655/Diamond Hill Rd

East West Unknown Lanes Send to 511  
 RS MN MN MN MD MN MN MN RS Rural Area Send Email  
 Intersection

Agency Name	Roadway	Cross Street	Region	Proposed Message
1WB (W45-1) - A	I-78	WEST OF GLENSIDERD	North	USE CAUTION
1WB (M52-3) EXP	I-78	EXP AT HALSEY ST	North	USE CAUTION
1WB (M52-3) LOC	I-78	LOC AT HALSEY ST	North	USE CAUTION
1MM (009-80)	I-78	TUNNEL ROAD	North	
2MM (047-33)	US 22	Park Avenue	North	

Set Required Fields: Report Find SSP Update Confirm Dispatched On Scene Road Cleared Incident Cleared Queue Cleared Terminate

Response on scene Event 102520 : I-78 W at West of Exit 43 - CR 655/Diamond Hill Rd [ ... ]

Mile Post: 43.4

Last Updated: 2026-04-10 16:01 Status: RESPONSE ON SCENE Region: North

Unscheduled Scheduled Type: Crash Sub-Type: Crash Investigation

Severity: Major (>= 2 hours) Source: Operator-CCTV Parent:

Agency: NJ DOT - STMC Description: NJ DOT - STMC: Crash on I-78 Westbound West of Exit 43 - CR 655/Diamond Hill Rd

East West Unknown Lanes Send to 511  
 RS MN MN MN MD MN MN MN RS Rural Area Send Email  
 Intersection

Incident Timeline:

Event	By	On	Time
Incident Occurred	by RShah	on	2026-04-10 10:46
Incident Created	by RChain	on	2026-04-10 10:48
Incident Confirmed	by RChain	on	2026-04-10 10:48
Dispatched	by rbehal	on	2026-04-10 10:47
Response Arrives	by RChain	on	2026-04-10 10:42
Road Clearance	by	on	
Incident Clearance	by	on	
Queue Clearance	by	on	
Terminated	by	on	
Last Updated	by rbehal	on	2026-04-10 16:01

Performance Measure Times:

Metric	Time
Detection	00:00
Verification	00:00
Response	00:00
Road Clear	
Incident Clear	
Queue Clear	
Terminate	

Set Required Fields: Update Confirm Dispatched On Scene Road Cleared Incident Cleared Queue Cleared Terminate

# ATMS/iNET - MAINTENANCE

The screenshot displays the ATMS/iNET web application interface. The main area is a map of New Jersey with various maintenance vehicles represented by icons. A sidebar on the left contains filter panels for 'Default Visibility', 'SSP', 'Maintenance', 'IMRT', and 'Snowplow'. A detailed information panel on the right is open for a specific vehicle.

**Vehicle Information Panel:**

- Device:** SAMSARA-IMRT-281474987272068
- Last Poll:** 2026-04-10 16:03:55
- Status:** IMRT\_ACTIVE
- Region:** [Blank]
- Fleet ID#:** SAMSARA-IMRT-281474987272068
- VIN:** 1FT7X2B62KEC12962
- Name / Tag:** SAMSARA-IMRT-281474987272068
- Description:** TD18044 - Eugene Eng - IMRT 6
- External Link:** <https://api.samsara.com>

**Field Data Table:**

Field Name	Value
Heading	N
Latitude	40.436539
Longitude	-74.199534
Speed	1 mph

Buttons at the bottom of the panel include 'History' and 'Current Camera Image'. A bottom navigation bar contains icons for CCTV, CALLLOG, DMS, ESS, EVENT, MAINTENANCE, SSP, SIGNAL, SNOWFLOW, TTPATHS, VA, VDS, and WWD.

# ATMS/iNET – Alerts / IM

The screenshot displays the ATMS/iNET interface. The main window shows a table of alerts with columns for Type, Sub Type, Source ID, Description, Location, Region, and Last Updated. Below the table are tabs for Alert Operations, Association, and Notes, along with an ignore timer set to 0 minutes. An Instant Message window is open, showing a list of users and a message from Michael Juliano asking about the status of 78.

Type	Sub Type	Source ID	Description	Location	Region	Last Updated
DMS	ACTIVESIGN	070 WB (MM006.6) - A	Message posted too long on sign	NJ 70 W at AT OLD ORCHARD	South	2026-04-09 19:04
DMS	Comm Failure Detected	080 WB (MM013.0) - A	Comm Failure Detected	I-80 W at HOPE-JOHNSONBURG RD	North	2026-04-08 19:06
DMS	Comm Failure Detected	195 WB (MM017.7) - A - TT	Comm Failure Detected	I 195 W at AT TRENTON	South	2026-04-10 16:01
DMS	ACTIVESIGN	TD-16545 South - HSR	Message posted longer than 24 hours	RT 1 S at Finnegans Ln	North	2026-04-10 16:00
DMS	Comm Failure Detected	018 SB (MM042.1) - A	Comm Failure Detected	NJ 18 S at AT RT 27	North	2026-04-10 16:06
DMS	Comm Failure Detected	TD-18628 North - A	Comm Failure Detected	I 280 N	South	
DMS	Comm Failure Detected	055 NB (MM023.3) - A	Comm Failure Detected	NJ 55 N at AT GORTON	South	
WEATHER	ESSPRECIP474645	NJ-018	Precip threshold 0.01 crossed	US 9 at North of NJ 18 [122.2]	Central	
WEATHER	ESSVIS474636	NJ-007	Vis threshold 0.6 crossed	I-280 at Exit 7 - Pleasant Valley Way/CR 636 [7.5]	North	
WEATHER	ESSVIS474638	NJ-009	Vis threshold 0.6 crossed	I-80 at Exit 4 - NJ 94/US 46 [4.6]	North	
WEATHER	ESSVIS474644	NJ-016	Vis threshold 0.6 crossed	US 9 at North of I-195 [107.1]	Central	

**Alert Operations** | Association | Notes

Ignore:  Time:  (0 minute means permanent ignore)

Category	Note	Modified By	Last

Buttons: Review, Generate Event

**Instant Message** | IM - Maher Mekhaeil

**User Name**

- Christopher Straniero
- Emanuel Martinez
- Evan Dineen
- George Briggs
- Jose Vazquez
- Joseph Takacs
- Kyle Sanders
- Maher Mekhaeil
- Michelle Summers
- Stephen Braswell

**Name** | **Message**

Michael Juliano [2026-04-10 16:11:10] | What's the current status of 78 ?

Buttons: Chat, Send

# ATMS/iNET – The MAP



The screenshot displays the ATMS/iNET software interface, which is used for managing traffic and weather data. The interface is divided into several vertical panels, each containing a list of controls and options for different data sources and events.

- VA (Vehicle Activity):** Includes options for 'Show Arterial Devices', 'Show Highway Devices', and 'Processing' (Active, Stopped, Paused, Inactive).
- Unscheduled Event:** Includes options for 'Reported', 'High Severity', 'Medium Severity', 'Low Severity', 'Closed', 'Weather Event', 'Active with RP', 'Terminated', 'Weather Terminated', and 'Conflicted Event'.
- Wrong Way Driver:** Includes options for 'Active', 'Failure', and 'Inactive'.
- Scheduled Event:** Includes options for 'Unconfirmed' and 'Active'.
- SSP (Statewide Safety Plan):** Includes options for 'In Transit/Patrolling', 'Dispatched', 'On Scene - Emergency', 'On Scene - Non-Emergency', 'On Break / Out of Service', 'Inactive', 'Not Communicating', and 'Unassigned'.
- Maintenance:** Includes options for 'Active', 'Idle', and 'Inactive'.
- IMRT (Incident Management Response Team):** Includes options for 'IMRT Active', 'IMRT Idle', and 'IMRT Inactive'.
- Snowplow:** Includes options for 'Active', 'Idle', and 'Inactive'.
- Portable CCTV:** Includes options for 'Online Portable CCTV', 'Portable CCTV With No Comm', and 'Inactive Portable CCTV'.
- CCTV (Camera):** Includes options for 'Online CCTV', 'CCTV With No Comm', 'Fixed CCTV', and 'Inactive CCTV'.
- Portable DMS (Dynamic Message Sign):** Includes options for 'Operational - Message', 'Operational with Error - Message', 'Operational - In Response', 'Operational with Error - In Response', 'Operational - Blank', 'Operational with Error - Blank', 'Comm Failure', and 'Inactive'.
- DMS (Dynamic Message Sign):** Includes options for 'Operational - Message', 'Operational with Error - Message', 'Operational - In Response', and 'Operational with Error - In Response'.
- Signal:** Includes options for 'Fixed Time', 'Free', 'Actuated', 'Semi Actuated', 'Special Function', 'Critical Control', 'Traffic Response', 'Adaptive', 'Transition', 'Preempt', 'Signal Priority', 'Flash', 'Flash Conflict', 'Coordinate Alarm', 'Comm Failed', 'Other', and 'Unknown'.
- Weather Stations:** Includes options for 'Receiving Data', 'No Data / Data Not Current', and 'No Sensors'.
- Wind Gust Speed:** Includes options for '0-20 mph', '21-40 mph', and '40+ mph'.
- Average Wind Speed:** Includes options for '0-20 mph', '21-40 mph', and '40+ mph'.
- Surface Conditions:** Includes options for 'Dry', 'Wet Above Freezing', 'Wet Below Freezing', 'Chemical Wet', 'Other', 'No Data / Data Not Current', and 'Inactive'.
- Air Temperature:** Includes options for 'Above 32.0° F', '32.0° F or Lower', and 'No Data / Data Not Current'.
- Sub Surface Temperature:** Includes options for 'Above 32.0° F', '32.0° F or Lower', and 'No Data / Data Not Current'.
- Bridge Surface Temperature:** Includes options for 'Above 32.0° F', '32.0° F or Lower', and 'No Data / Data Not Current'.
- All Surface Temperature:** Includes options for 'Above 32.0° F', '32.0° F or Lower', and 'No Data / Data Not Current'.
- Precipitation:** Includes options for 'Rain Light', 'Rain Moderate', 'Rain Heavy', 'Snow Light', 'Snow Moderate', 'Snow Heavy', 'Mixed Light', 'Mixed Moderate', 'Mixed Heavy', 'Other', and 'No Data / Data Not Current'.
- Event Area:** Includes options for 'Show Highway Devices', 'Show Arterial Devices', and 'Data Not Current'.
- Vehicle Detector Station:** Includes options for 'Show Highway Devices', 'Show Arterial Devices', and 'Data Not Current'.
- Weather Service:** Includes options for 'Data Not Current' and 'No Data/Bad Data'.
- VDS Segments (Variable Data Sign):** Includes options for 'Show Highway Devices', 'Show Arterial Devices', and 'Data Not Current'.
- City, County, Exit Ramp, Facility, Fuel, Milepost, Region, Winter Weather Regions:** Each of these sections includes a 'Default Visibility' option.

The map on the right side of the interface shows the Delaware region, with various locations marked and color-coded according to the legend. The legend includes categories for 'Weather Service', 'VDS Segments', 'City', 'County', 'Exit Ramp', 'Facility', 'Fuel', 'Milepost', 'Region', and 'Winter Weather Regions'. The map shows a dense network of roads and various colored markers representing different data points.

# ATMS/iNET - MultiVIEW

Multi-Viewer
? - X

<div style="border: 1px solid gray; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <span>001 (MM 009.4) MD CAM1</span> <span>X</span> </div> <p>Status: OK <span style="float: right;">2026-04-10 16:11:45</span></p> <p>US 1 M at Meadow Road</p>  <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>Retry</span> <span>Send Preset</span> </div> </div>	<div style="border: 1px solid gray; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <span>001 (MM 009.0) NB</span> <span>X</span> </div> <p>Status: OK <span style="float: right;">2026-04-10 16:11:44</span></p> <p>US 1 N at Nassau Park</p>  <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>Retry</span> <span>Goto Preset</span> </div> </div>	<div style="border: 1px solid gray; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <span>001 SB (MM008.7) - FC</span> <span>X</span> </div> <p>Status: OK <span style="float: right;">2026-04-10 16:18:17</span></p> <p>US 1 S at Nassau Park</p> <div style="text-align: center; margin: 10px 0;"> <p><b>BECOME A TROOPER</b></p> <p><b>NJTROOPER.COM</b></p> <p>Queue</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; background-color: black; color: white;">Manual</div> <div style="border: 1px solid black; padding: 5px; background-color: black; color: white;">MAKE NJ ROADS SAFER</div> </div> <p style="font-size: small;">2026-04-10 07:01 -</p> </div> <p>Status: OK</p> </div>																																	
<div style="border: 1px solid gray; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <span>NJ-010</span> <span>X</span> </div> <p>Status: Failed <span style="float: right;">2026-04-10 20:15:00</span></p> <p>NJ 94 at South of NJ 15 [27.4]</p> <p>System ID: 474639</p> <p>Precipitation:  No Data / Data Not Current</p> <p>Relative Humidity: 32%</p> <p>Barometric Pressure:</p> <p>Air Temperature:  73 °F</p> </div>	<div style="border: 1px solid gray; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <span>Confirmed Event 102777</span> <span>X</span> </div> <p>Status: Confirmed <span style="float: right;">2026-04-10 16:15</span></p> <p>US 1 S at North of Ridge Rd [14.9] to US 1 S</p> <p>Source: Operator-CCTV Lane blockage:</p> <p>Type: Construction/Infrastructure <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/></p> <p>Sub-Type: Electrical Repairs <b>RS MN MN MD MN MN RS</b></p> <p>Severity: Minor (&lt;= 30 minutes)</p> <table style="width: 100%; font-size: small;"> <tr> <td></td> <td style="text-align: center;">Estimated</td> <td></td> </tr> <tr> <td>Start</td> <td style="text-align: center;">2026-04-10 15:57</td> <td></td> </tr> <tr> <td>End</td> <td style="text-align: center;">2026-04-10 20:27</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Begin</td> <td style="text-align: center;">End of Queue</td> </tr> <tr> <td>Roadway Type:</td> <td style="text-align: center;">U.S. Highway</td> <td style="text-align: center;">U.S. Highway</td> </tr> <tr> <td>Direction:</td> <td style="text-align: center;">S</td> <td style="text-align: center;">S</td> </tr> <tr> <td>Mile Post :</td> <td style="text-align: center;">14.9</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td>City:</td> <td colspan="2" style="text-align: center;">South Brunswick</td> </tr> <tr> <td>Twp:</td> <td colspan="2" style="text-align: center;">Twp</td> </tr> <tr> <td>County:</td> <td colspan="2" style="text-align: center;">Middlesex</td> </tr> <tr> <td>State/Prov:</td> <td style="text-align: center;">NJ</td> <td style="text-align: center;">NJ</td> </tr> </table> </div>		Estimated		Start	2026-04-10 15:57		End	2026-04-10 20:27			Begin	End of Queue	Roadway Type:	U.S. Highway	U.S. Highway	Direction:	S	S	Mile Post :	14.9	0.0	City:	South Brunswick		Twp:	Twp		County:	Middlesex		State/Prov:	NJ	NJ	<div style="border: 1px solid gray; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <span>670</span> <span>X</span> </div> <p>Status: Out of Service <span style="float: right;">2026-04-10 16:21:14</span></p> <p>Tiling not supported</p> </div>
	Estimated																																		
Start	2026-04-10 15:57																																		
End	2026-04-10 20:27																																		
	Begin	End of Queue																																	
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Direction:	S	S																																	
Mile Post :	14.9	0.0																																	
City:	South Brunswick																																		
Twp:	Twp																																		
County:	Middlesex																																		
State/Prov:	NJ	NJ																																	

DMS

Create Msg Poll Sign(s) Sync Queue

CCTV

Select Tour

Clear All Delete Load Save

# ATMS/iNET – 511NJ.ORG

Response on scene Event 102520 - I-78 W at West of Exit 43 - CR 655/Diamond Hill Rd [ ... ]

Mile Post: 43.4

Status: RESPONSE ON SCENE

Region: North

Filters: Select Event

Last Updated: 2026-04-10 15:13

Unscheduled | Scheduled | Type: Crash | Sub-Type: Crash Investigation

Severity: Major (= 2 hours) | Source: Operator-CCTV | Parent

Agency: NJ DOT - STMC | Description: NJ DOT - STMC: Crash on I-78 Westbound West of Exit 43 - CR 655/Diamond Hill Rd

East: RS MN MN MN MD MN MN RS | West: Unknown Lanes, Rural Area, Intersection

Send to 511 | Send Email

Map: CR 527, CR 655, I-78

Region: North | City: Berkeley Heights | County: Union | Roadway Type: Interstate | Roadway Name: I-78 | Direction: West | Relation: | Cross St: West of Exit 43 - CR 655/D | State/Prov: NJ | Mile Post: 43.4 | Lat: 40.66668 | Lon: -74.41436

Geocode

Set Location

Set Required Fields: Update, Confirm, Dispatched

CTV | CALLLOG | DMS | ESS | EVENT | MAINT



511NJ.org

Get connected and...

New Jersey Truck Parking Locations information can be found here

Language Translator

Arterial Travel Routes

Driving times for...

US Route

US 22

Eastbound from Country Club Rd to I-287 (14.4 mi)

Eastbound from N. Easton Ave. to US 169 (25.1 mi)

Eastbound from North Dr. to GSP (10 mi)

Westbound from Glenide Ave. to I-287 (13.1 mi)

Westbound from NJ 28 to CR 523 (6.5 mi)

Safety Message

SEE SAY

ICE & SNOW

SAFETY PLAN

Current Incidents

As of 3:40pm, there's a Downed tree on NJ 18 southbound Exit 6 - NJ 138 in Wall Twp. Ramp lane closed

As of 4:20pm, there's Parking related on John F. Kennedy International Airport Terminal 5 Parking (yellow) in New York 101 to 100% occupied

As of 4:20pm, there's Parking related on John F. Kennedy International Airport Terminal 4 Parking (Blue) in New York 101 to 100% occupied

As of 4:19pm, there's a Crash on I-76 eastbound Exit 1A - NJ 118 in Belmar. Right lane closed

As of 4:05pm, there's a Crash on I-76 northbound Exit 1A - NJ 118 in Belmar. Right lane closed

My Transit!

Northeast Corridor | View Alerts

North Jersey Coast | View Alerts

Raritan Valley | On Time

Morris & Essex | View Alerts

Manhasseten/Port Jervis | On Time

GET THE FREE NJ TRANSIT MOBILE APP



NJDOT LCMS

Lane Closure Requests

Day / Date	Flags	Status	Project Type	Taget	Work Start	Work Stop	Return	Route	Lane	Start	Finish	Work TBC	Project	Company	
FR (04-17-2)		Pending	Construction	34.3	34.2	33.4	33.3	US 95	Right Shoulder	07:00 AM	05:00 PM	41326 thru	DP 420111	South State 1	ESR
TH (04-15-2)		Pending	Construction	34.3	34.2	33.4	33.3	US 95	Right Shoulder	07:00 AM	05:00 PM	41326 thru	DP 420111	South State 1	ESR
MO (04-13-2)		Pending	Construction	34.3	34.2	33.4	33.3	US 95	Right Shoulder	07:00 AM	05:00 PM	41326 thru	DP 420111	South State 1	ESR
TH (04-08-2)	✓	Approved	Permit	84.1	84	81.3	81.2	US 95	Right Shoulder	10:00 PM	05:00 AM	4300205	P-9-C-38785	NG Gilbert	ESR
TH (04-08-2)	✓	Approved	Construction	136.3	136.1	123.9	123.8	US 95	Temporary S	09:00 PM	06:00 AM	4300205	P-9-C-38785	NG Gilbert	ESR
TH (04-08-2)	✓	Approved	Permit	74.5	74.4	74.3	74.2	US 95	Right Shoulder	09:00 PM	04:00 AM	4300205	P-9-C-42460	Jenway Const	ESR
TU (04-14-2)		Pending	Construction	34.3	34.2	33.4	33.3	US 95	Right Shoulder	07:00 AM	05:00 PM	41326 thru	DP 420111	South State 1	ESR
TH (04-08-2)	✓	Approved	Permit	13	13	12.8	12.7	US 95	Right Shoulder	08:00 PM	05:00 AM	4300205	L-3C-9-628	Comcast	ESR
WE (04-10-2)		Pending	Construction	34.3	34.2	33.4	33.3	US 95	Right Shoulder	07:00 AM	05:00 PM	41326 thru	DP 420111	South State 1	ESR
SA (04-11-20)	✓	Approved	Permit	84.1	84	81.3	81.2	US 95	Right Shoulder	10:00 PM	05:00 AM	4300205	P-9-C-38785	NG Gilbert	ESR
FR (04-10-2)		Cancel - Other	Construction	34.3	34.2	33.4	33.3	US 95	Right Shoulder	07:00 AM	05:00 PM	41326 thru	DP 420111	South State 1	ESR
MO (04-15-2)	✓	Approved	Construction	127.1	127	124	123.9	US 95	Right Shoulder	09:00 AM	04:00 PM	Asphalt work	DP 424130	Berfo Const	ESR
TU (04-14-2)	✓	Approved	Construction	127.1	127	124	123.9	US 95	Right Shoulder	09:00 AM	04:00 PM	Asphalt work	DP 424130	Berfo Const	ESR
FR (04-10-2)	✓	Approved	Permit	84.1	84	81.3	81.2	US 95	Right Shoulder	10:00 PM	05:00 AM	4300205	P-9-C-38785	NG Gilbert	ESR
FR (04-10-2)	✓	Approved	Construction	136.3	136.1	123.9	123.8	US 95	Temporary S	09:00 PM	06:00 AM	4300205	DP 420111	Asphalt Pk	ESR
FR (04-10-2)	✓	Approved	Permit	74.5	74.4	74.3	74.2	US 95	Right Shoulder	09:00 PM	06:00 AM	4300205	P-9-C-42460	Jenway Const	ESR
FR (04-10-2)	✓	Approved	Construction	130.6	130.5	129	128.9	US 95	Left Lane	08:00 PM	05:00 AM	barrier	DP 425438	Joseph M S	ESR
FR (04-10-2)	✓	Approved	Construction	127.1	127	124	123.9	US 95	Right Shoulder	09:00 AM	04:00 PM	Asphalt work	DP 424130	Berfo Const	ESR
MO (04-15-2)	✓	Approved	Permit	13.9	13.8	13.3	13.4	US 95	Right Shoulder	07:00 PM	05:00 AM	Gas Transm.	O-8-B-60545	LMby Line S	ESR



# ATMS/iNET – Diversion Routes

**NJTIM NEW JERSEY INTERACTIVE DIVERSION ROUTE PORTAL**

NJ / Central / Middlesex / NJ 440

Central Middlesex **440**

NORTH	SOUTH
<b>440</b>	<b>440</b>
MP 3.8 to 3.3	
MP 3.6 to 1.5	
MP 2.8 to 1.5	
MP 2.8 to 1.3	
MP 2.4 to 0	
MP 2.3 to 1.5	
MP .5 to 0	

State of New Jersey, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA

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# ATMS/iNET – Traffic Count Stations

**Station Information**

Station Type: Volume 48hrs  
 Street: US 206  
 County: Somerset  
 Municipality: Hillsborough Twp  
 SRT: 00000206...  
 MilePost: 66.510 mi

AAADT	Year	Report(s)
19608	2020	10
27849	2017	20

\*\*New report format for 2020 data

**New Jersey DOT**

Most Recent 48 Hour Count for Year for 1/1/2020 - 12/31/2020  
 Criteria: Type = I-SECTION, Is Perm Station = 0, From 1/1/2020 To 12/31/2020

**Location ID:** 4-5-204  
**County:** Somerset  
**Location:** US 206 Between Doctor Way and Farm Road

**Wednesday, May 27, 2020**

Time	NB Hourly	SB Hourly	2-WAY Hourly
0:00-1:00	39	35	75
1:00-2:00	27	27	54
2:00-3:00	19	23	42
3:00-4:00	35	33	68
4:00-5:00	43	48	91
5:00-6:00	150	136	286
6:00-7:00	307	307	614
7:00-8:00	458	497	955
8:00-9:00	456	500	956
9:00-10:00	489	473	962
10:00-11:00	604	544	1,148
11:00-12:00	651	589	1,240
12:00-13:00	806	666	1,472
13:00-14:00	817	671	1,488
14:00-15:00	766	643	1,409
15:00-16:00	786	643	1,429
16:00-17:00	662	633	1,315
17:00-18:00	705	584	1,289
18:00-19:00	542	519	1,061
19:00-20:00	402	351	753
20:00-21:00	296	265	561
21:00-22:00	148	160	308
22:00-23:00	107	113	220
23:00-24:00	92	73	165

**Thursday, May 28, 2020**

Time	NB Hourly	SB Hourly	2-WAY Hourly
0:00-1:00	50	35	85
1:00-2:00	43	24	67
2:00-3:00	36	24	60
3:00-4:00	35	25	60
4:00-5:00	51	52	103
5:00-6:00	144	131	275
6:00-7:00	286	348	634
7:00-8:00	456	474	940
8:00-9:00	454	478	962
9:00-10:00	496	493	989
10:00-11:00	610	547	1,157
11:00-12:00	670	612	1,282
12:00-13:00	693	641	1,334
13:00-14:00	722	577	1,299
14:00-15:00	705	599	1,304
15:00-16:00	782	652	1,434
16:00-17:00	652	560	1,212
17:00-18:00	669	622	1,291
18:00-19:00	512	481	993
19:00-20:00	416	342	758
20:00-21:00	259	267	526
21:00-22:00	173	153	326
22:00-23:00	97	120	217
23:00-24:00	107	79	186

Count Total	9,427	8,334	17,861
AM Peak	07:15-08:15	07:15-08:15	07:15-08:15
Mid Peak	12:15-13:15	12:15-13:15	12:15-13:15
PM Peak	15:00-16:00	15:45-16:45	15:00-16:00

**Station AADT \*** 19,608

\* The AADT Estimate is based on factors in use on the date the report was generated

Period	Begin	End
AM	6:00	9:00
MID	9:15	14:45
PM	15:00	18:00

# Near Future – (Already working but getting the kinks out)



5:00 5G 61

lot-test-inetmobile.parsonsinet.com

Summary Response Plan Event Notes

**Event #110101: Congestion**  
I-80 W at SADDLE RIVER RD/EXIT 62B

Date Confirmed: 4/3/2026 Time Confirmed: 07:54 PM

**Event Summary**

- ⚠️ **Unscheduled**
- Event Type: Congestion
- Sub-event Type: Heavy\_traffic
- Parent Event: N/A
- Severity: **High**
- Source: Other
- Agency: NJ DOT - TOC South
- Description: N/A

📍 **Start Location:** I-80 @ SADDLE RIVER RD/EXIT 62B

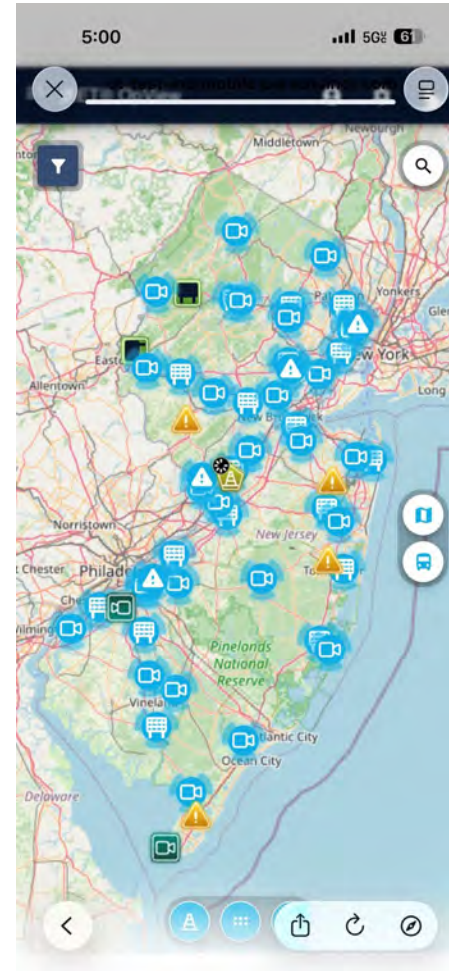
📍 **End Location:** N/A

📍 **Coordinates:** 40.894520, -74.078450

🚧 **Lane Blockage:** RS MN MN LS MD LS MN MN RS

📄 **Response Plan:** Inactive

🕒 **Last Updated:** N/A



5:00 5G 61

iNET® OpView

DMS

Filters

Search

**#1 EP SunRise SESA - LUCS**  
SunRise SESA  
Operational - Message 2 x 1 x 1  
Last Poll: Invalid Date

**#2 CH Mini Test Sign - FC**  
#2 Cherry Hill Mini Test Sign (48x64FC)  
Operational - Blank 2 x 3 x 21  
Last Poll: Invalid Date

**#3 CH Test VFC-3000.1.13**  
#3 Cherry Hill Test VFC-3000.1.13  
Operational - Blank 2 x 3 x 21  
Last Poll: Invalid Date

**#4 CH Test VFC-3000.1.14**  
#4 Cherry Hill Test VFC-3000.1.14  
Operational - Blank 2 x 3 x 21

# Near Future – (Already working but getting the kinks out)

IM - Sidekick

Name	Message
Michael Juliano [2026-04-10 17:12:33]	what DMS are within 25 miles on 287 NB MM 25
Sidekick [2026-04-10 17:12:44]	There are several DMS signs on I-287 Northbound within approximately 25 miles of mile marker 25. Here are the ones nearby with their mile markers and current communication status:  <ul style="list-style-type: none"> <li>- DMS at MM 28.3, name: "287 NB (MM028.3)A", status: ONLINE</li> <li>- DMS at MM 20.0, name: "287 NB (MM020.0)A", status: ONLINE</li> <li>- DMS at MM 37.1, name: "287 NB (MM037.1)A", status: ONLINE</li> <li>- DMS at MM 12.3, name: "287 NB (MM012.3)A", status: ONLINE</li> <li>- DMS at MM 40.2, name: "287 NB (MM040.2)A", status: ONLINE</li> <li>- DMS at MM 42.08, name: "287 NB (MM042.08)FC", status: ONLINE</li> <li>- DMS at MM 7.3, name: "287 NB (MM007.3)A", status: ONLINE</li> <li>- DMS at MM 4.6, name: "287 NB (MM004.6)A", status: ONLINE</li> <li>- DMS at MM 0.4, name: "287 NB (MM000.4)A", status: ERROR (communication issue)</li> </ul>
Michael Juliano [2026-04-10 17:14:06]	All except the one at MM 0.4 are currently online. Let me know if you want details on any specific sign or their displayed messages.  how long has the 0.4 bee offline ?
Sidekick [2026-04-10 17:14:15]	The DMS sign at 287 NB mile marker 0.4 has been offline since at least 2026-04-10 17:11:22 UTC (about 3 minutes before the current time 2026-04-10 17:14:08 EDT). The exact duration offline is not directly available, but it shows the most recent status update with communication error at that time.

IM - Sidekick

Name	Message
Michael Juliano [2026-04-10 17:16:30]	What are the traffic conditions on Interstate Two 87 right now?
Sidekick [2026-04-10 17:16:39]	Currently on Interstate 287, traffic conditions vary by direction and location:  <ul style="list-style-type: none"> <li>- Northbound traffic generally flows smoothly with speeds mostly between 55 and 66 mph at various mile markers.</li> <li>- Southbound traffic shows some slower spots, particularly around mile markers 0.69 (28 mph), 4.23 (33.8 mph), 5.82 (16.5 mph), 7.4 (26.9 mph), 8.68 (18.7 mph), and 10.12 (24.3 mph), indicating possible congestion or slowdowns in these areas.</li> <li>- Other southbound segments have speeds mostly in the 50-65 mph range, indicating normal flow.</li> </ul>
Michael Juliano [2026-04-10 17:17:11]	Are there any incidents on Interstate 287 right now?
Sidekick [2026-04-10 17:17:17]	There are currently no confirmed incidents on Interstate 287 right now. Traffic appears to be clear of any reported crashes or other incident events at this time.
Michael Juliano [2026-04-10 17:17:43]	Are there any incidents in the state of New Jersey right now?
Sidekick [2026-04-10 17:17:53]	Yes, there are several confirmed incidents currently in New Jersey. Here are a few examples:  <ul style="list-style-type: none"> <li>- Event #111036: An overturned truck crash on the Garden State Parkway northbound at mile marker 146.5 in Essex County.</li> <li>- Event #110989: Heavy traffic congestion on RT-38 eastbound in Camden County.</li> <li>- Event #110939: A cargo spill debris incident on US 22 westbound at mile marker 51.1 in Union County.</li> </ul>

IM - Sidekick

Name	Message
Michael Juliano [2026-04-10 17:17:11]	Are there any incidents on Interstate 287 right now?
Sidekick [2026-04-10 17:17:17]	There are currently no confirmed incidents on Interstate 287 right now. Traffic appears to be clear of any reported crashes or other incident events at this time.
Michael Juliano [2026-04-10 17:17:43]	Are there any incidents in the state of New Jersey right now?
Sidekick [2026-04-10 17:17:53]	Yes, there are several confirmed incidents currently in New Jersey. Here are a few examples:  <ul style="list-style-type: none"> <li>- Event #111036: An overturned truck crash on the Garden State Parkway northbound at mile marker 146.5 in Essex County.</li> <li>- Event #110989: Heavy traffic congestion on RT-38 eastbound in Camden County.</li> <li>- Event #110939: A cargo spill debris incident on US 22 westbound at mile marker 51.1 in Union County.</li> </ul>
Michael Juliano [2026-04-10 17:19:13]	Can you give me the details of the event on US 22 right now?
Sidekick [2026-04-10 17:19:22]	There are currently two confirmed events on US 22:  <ol style="list-style-type: none"> <li>1. Event #110614: A crash on US 22 Westbound at mile marker 38.7 in Somerset County near Bound Brook. The event started on April 9, 2026, at 08:43 AM EDT and ended on April 9, 2026, at 09:13 AM EDT.</li> <li>2. Event #110939: A cargo spill debris incident on US 22 Westbound at mile marker 51.1 in Union County near Mountainside. The event started on April 10, 2026, at 09:53 AM EDT and ended on April 10, 2026, at 10:53 AM EDT.</li> </ol>



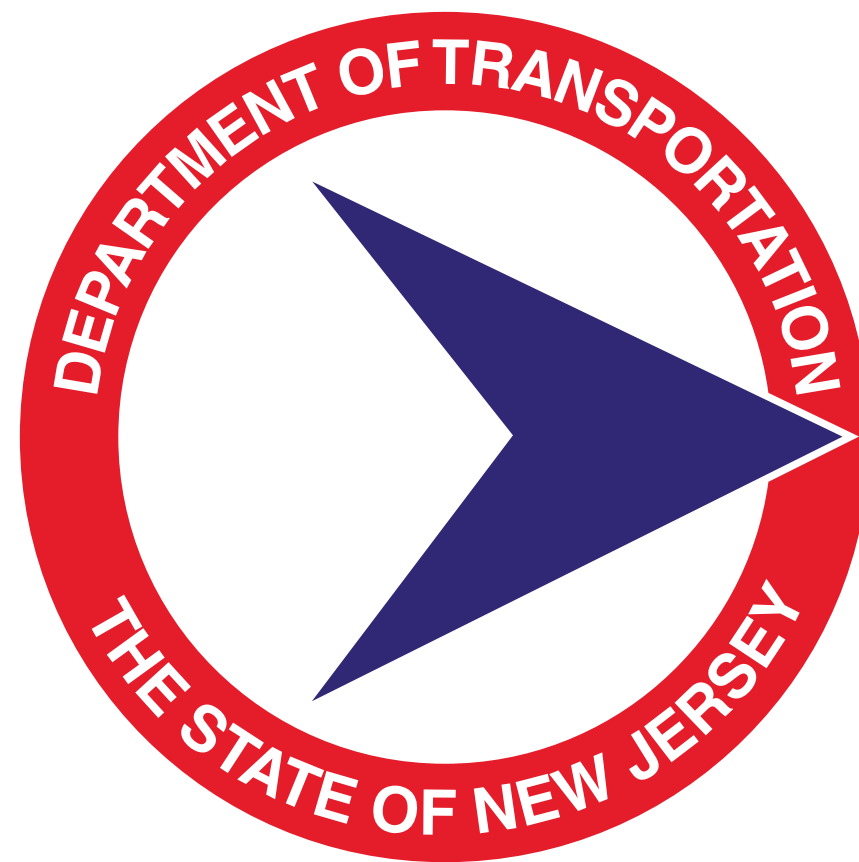


## Contact

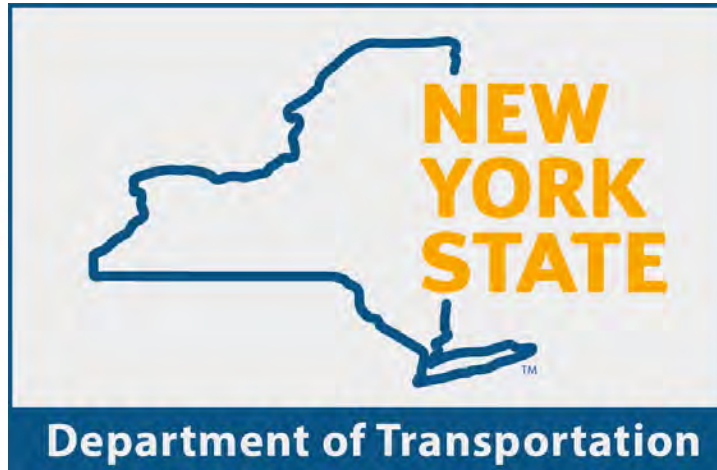
Christopher Straniero  
Engineering Tech 3

New Jersey Department of Transportation

[Christopher.Straniero@DOT.NJ.GOV](mailto:Christopher.Straniero@DOT.NJ.GOV)



# New York State Department of Transportation



**Ryan Meagher**  
**Assistant Regional Traffic Engineer – Region 3**  
**NYSDOT**  
[ryan.meagher@dot.ny.gov](mailto:ryan.meagher@dot.ny.gov)



# Transportation Systems Management and Operations Control Software Contract – Update



10-year Contract

Modernize TSMO Program  
Cohesively manage TMC and Signals



June 2025: Technical Demos

Cubic, Kimley Horn, Parsons



December 2025: Anticipated Award

Funding issues → now resolved



April 2026: Vendor Selected and Awarded Soon

Parsons iNet Advanced Traffic Management System

# TSMO Technology Plan – Update

- Around 6300 Traffic Signals Statewide
  - 80% connected vis Cisco modems
- **Current Focus on Cyber Security**
- Hardening Cyber Security Posture
  - installing similar firewalls in Regional TMCs
- Creating a “Network 2.0” Architecture
  - secure connection regardless of location or device
- Strengthening OITS Relationship
  - regularly scheduled meetings
- **Goal: Additional Resources**



**NYSDOT Statewide ITS Architecture 2025 - Final**

Home Programs & Projects Stakeholders Architecture Detail How-to Guides Resources

**Home** [Contact Us](#)

The NYSDOT Statewide Intelligent Transportation Systems (ITS) Architecture is a framework to support the deployment of transportation technology solutions using a systems engineering process.

This NYSDOT Statewide ITS Architecture is structured to support all NYSDOT ITS initiatives statewide, plus local transportation agencies (county, municipal, rural, and transit), that are required to scope ITS projects when requesting federal funds through NYSDOT. Local county, municipal, rural and transit ITS initiatives, for example in NYSDOT R1, R2, R3, and R7, may consider using this Statewide ITS Architecture 2025 update.

This NYSDOT Statewide ITS Architecture is not intended to replace nor supplant regional ITS architectures developed by MPOs in New York, due to their need to define specific regional needs for scoping of ITS programs and projects (e.g., New York City Metropolitan region, Hudson Valley region, Long Island region, Buffalo Niagara region, Binghamton Metropolitan region, Elmira/Chemung County region, and Genesee River Valley region).

Planning Factors and TSMO Planning Goals	This planning page shows connections between Planning Factors, TSMO Planning Goals, and program and project information in the ITS architecture.
Programs and Projects	List of programs and specific projects with links to program/project information.
Stakeholders	List of stakeholders and corresponding systems and services within the architecture.
Document Library	Provides links to Service Package diagrams (MS Visio format), and the RAD-IT database.
23 CFR 940 Conformance	Links to the ITS Architecture detail required for Conformance with 23 CFR 940. Intended for advanced users of the architecture.

# Statewide ITS Architecture – Update

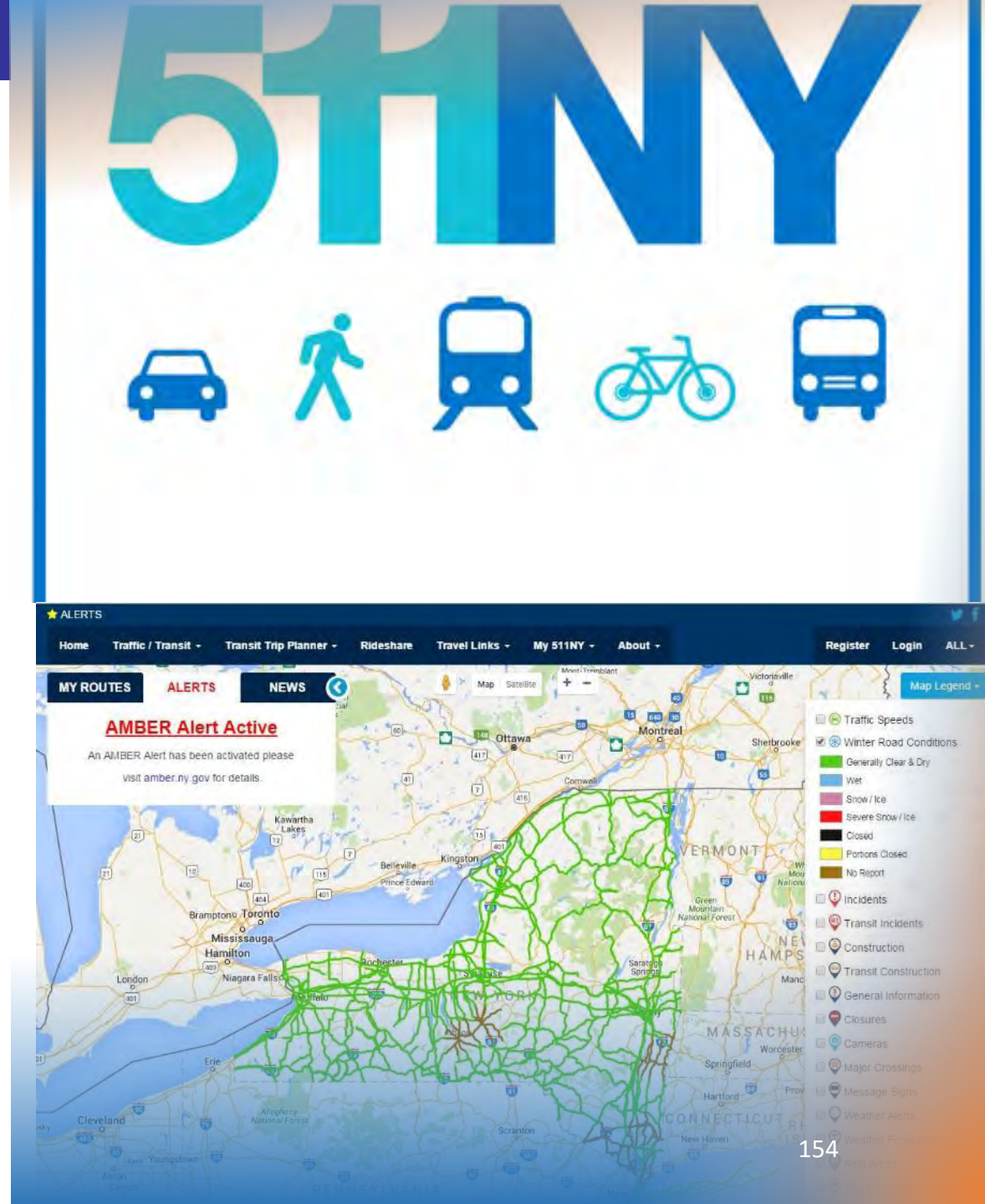
- Completed in Fall/Winter of 2025
- Web-Based
- Supports all NYSDOT Initiative Statewide
- Replaces Many Outdated Regional Architectures
- MPOs May Still Need Their Own for Specific Needs

# 511NY and RSDA Contract

- Both Done Under Same System
- Modernize and Upgrade System Functionality
  - travel information needs and technology changes
- Existing Transportation System
  - 114,000 highway miles and 17,000 highway bridges – 130 billion vehicle miles annually
  - 3,500 miles of rail – 76 million tons of equipment, materials, and goods annually
  - 60 public and private airports – 100 million flyers annually
  - 130 public transit operators – 3.8 billion trips annually
- Summer 2025: Technical Demos
  - Castle Rock and Mindhop
- April 2026: Vendor Selected and Awarded Soon
  - Castle Rock

# 511NY Overview

- Phone, Mobile App, Website, and Personalized Email and Text Subscriptions
  
- 2019 Statistics
  - 131,000 calls per month
  - 153,000 website visits per month
  - 19,144 app subscribers
  - 51, 243 app downloads
  - 19,400 twitter followers



## Road Status and Damage Assessment (RSDA) Overview

- Used by NYSDOT During Emergency Response
- Web-Based Interface and Mobile App
- Form Based Tool for High Level Assessments
- Ability to Add Coordinates and Photos
- Exportable Data
  - prioritize and coordinate repairs
  - watch for trends
  - generate reimbursement documents

A screenshot of a mobile application interface titled "Create Road Status Site". The interface features several dropdown menus for data entry:

- Jurisdiction\***: NYSDOT
- Status\***: Confirmed
- Priority\***: Major
- Major Events**: 2025 Mid-July Severe Weather
- Subtype\***: Damage
- Road Status\***: One Lane Passable

At the bottom, there is a text input field labeled "Site Comment".

# Onondaga Lake Parkway – Low Bridge Issues

- Parkway Outside Syracuse
  - actual clearance of 11'-9"
  - posted clearance of 10-9"
  - over height system at 11'-0"
- Bridge is Owned by CSX Railroad
- Double Decker Mega Bus Crash on 09/11/10
  - 4 deaths
  - 24 injuries – driver seriously injured
  - following personal GPS



## Original Over Height Detection System

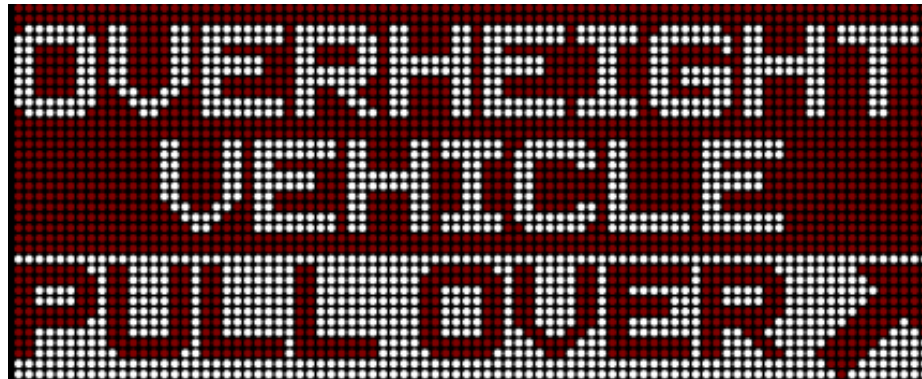
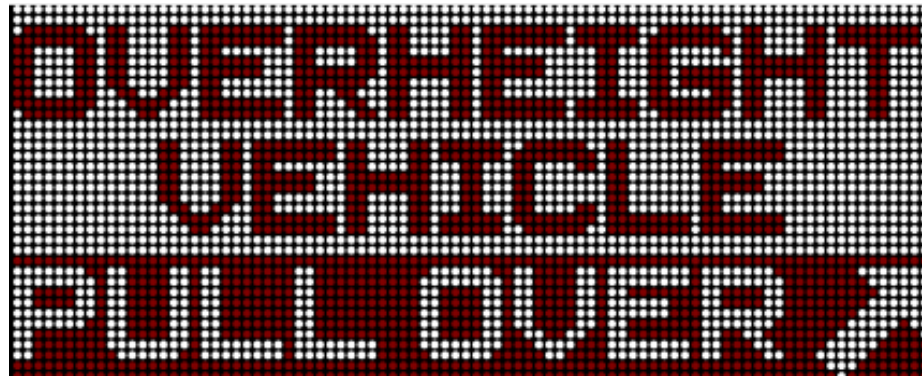
- Installed in Late 2011
- Two Portable VMS with Beacons in Each Direction
- Loops in Pavement
- Beams Across Roadway
- Loops + Beams in Correct Order = System Activation
- Combination used to Eliminate False Calls
  - birds and weather



## Bridge Hits Increasing – Need to do More

- Before 2020 – 3 strikes
- 2020 thru 2023 – over 10 strikes
  - Amazon opened early 2022
- Early 2023 – Ramp Closed and New Signs
  - over 50 signs replaced
- Late 2023 – 2:1 Lane Restriction
- Early 2026 – ITS Enhancements
  - additional set of beams
  - No Trucks LED blank out signs
  - permanent full color VMS
- 2024 thru Now – 6 strikes
  - two since ITS enhancements





## ITS Enhancements

- Full Color VMS
  - first in the area
  - normal message
  - activation message
  
- LED Blank Out Sign
  - blank most of the time
  - no truck symbol when activated

# Summary and Questions

- 90% are Tractor Trailer or Box Truck
- 59% Eastbound
  - Amazon west of bridge
- 41% Westbound
  - Decreasing since ramp closure
- Annual Media Campaign
  - Check Your Height, Know It's Right
  - 17 states and trucking industry
- Question
  - Ideas to Minimize Strikes

## Fines up to \$10,000 for a bridge hit

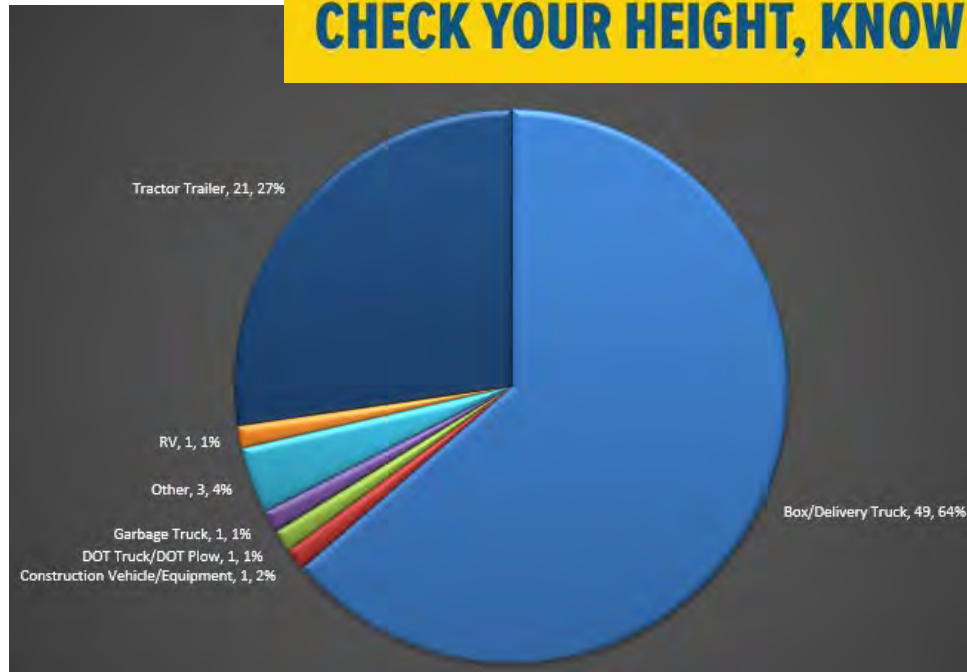
### To Avoid Bridge Hits:

-  Stay off Parkways
-  Stay on Interstates
-  Use commercial/truck GPS
-  Verify route using  **Trucker Mode** on 511NY

### Watch for signs



## CHECK YOUR HEIGHT, KNOW IT'S RIGHT!



## Questions for the Group

- How is TMC handling V2X Data – with respect to traffic events, traveler information messages (TIM), and their interactions?
  - Will operators generate messages to be distributed by V2X
  - Are you planning to receive TIM messages generated by V2X systems
  - Will your V2X systems collect info from vehicles useful to operators
- *NYSDOT*
  - *Building out network that communicates*
  - *Securing that network*
  - *Bringing our data into one place*
  - *Consistency across the state in communication and reporting*
- As you plan for V2X deployments, what challenges are you facing?
  - What concerns do your TMC staff have about V2X data and interaction
- *NYSDOT*
  - *Lack of knowledge knowing where the industry is going*
  - *What are some recurring costs*
  - *Communication isn't cheap, it's getting more expensive, and it's ongoing*



# NYSDOT Contacts

- **Rebecca Gibson-Schott**
  - Director, TSMO Bureau
  - NYSDOT, Office of Traffic Safety and Mobility
  - [rebecca.gibson-schott@dot.ny.gov](mailto:rebecca.gibson-schott@dot.ny.gov)
  
- **Ryan Meagher**
  - Assistant Regional Traffic Engineer – Region 3
  - NYSDOT, Office of Traffic Safety and Mobility
  - [ryan.meagher@dot.ny.gov](mailto:ryan.meagher@dot.ny.gov)



# Ohio Department of Transportation



**Dominic DelCol**  
**TMC Supervisor**  
**Office of TSMO**

[dominic.delcol@dot.ohio.gov](mailto:dominic.delcol@dot.ohio.gov)

# STAFFING UPDATE

The TMC is now fully staffed

More focused on 24/7 operations (same level of service\*)

Promoted 2<sup>nd</sup> shift specialist to 3<sup>rd</sup> shift supervisor

Hired another 3<sup>rd</sup> shift operator

Goal – to always have at least 2 employees in the TMC

Previously had 1 operator 4 days per week working alone (3<sup>rd</sup> shift)

# STAFFING UPDATE

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
12-1 A	1	1	1	1	2	2	1
1 A	1	1	1	1	2	2	1
2 A	1	1	1	1	2	2	1
3 A	1	1	1	1	2	2	1
4 A	1	1	1	1	2	2	1
5 A	2	6	6	6	6	6	2
6 A	2	6	6	6	6	6	2
7 A	2	6	6	6	6	6	2
8 A	2	6	6	6	6	6	2
9 A	2	6	6	6	6	6	2
10 A	2	6	6	6	6	6	2
11 A	2	6	6	6	6	6	2
12 P	2	6	6	6	6	6	2
1 P	2	5	6	6	6	6	2
2 P	2	5	6	6	6	6	2
3 P	2	5	6	6	6	6	2
4 P	2	5	6	6	6	6	2
5 P	2	5	6	6	6	6	2
6 P	2	5	6	6	6	6	2
7 P	1	5	6	6	5	5	1
8 P	1	5	6	6	5	5	1
9 P	1	1	2	2	2	1	1
10 P	1	1	2	2	2	1	1
11 P	1	1	2	2	2	1	1

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
12-1 A	2	2	2	2	2	2	2
1 A	2	2	2	2	2	2	2
2 A	2	2	2	2	2	2	2
3 A	2	2	2	2	2	2	2
4 A	2	2	2	2	2	2	2
5 A	2	6	6	6	5	5	2
6 A	2	6	6	6	5	5	2
7 A	2	6	6	6	6	6	2
8 A	2	6	6	6	6	6	2
9 A	2	6	6	6	6	6	2
10 A	2	6	6	6	6	6	2
11 A	2	6	6	6	6	6	2
12 P	2	6	6	6	6	6	2
1 P	2	5	6	6	6	6	2
2 P	2	5	6	6	6	6	2
3 P	2	5	6	6	6	6	2
4 P	2	5	6	6	6	6	2
5 P	2	5	6	6	6	6	2
6 P	2	5	6	6	6	6	2
7 P	2	5	6	6	5	5	2
8 P	2	5	6	6	5	5	2
9 P	2	2	2	2	2	2	2
10 P	2	2	2	2	2	2	2
11 P	2	2	2	2	2	2	2



# WE HAVE DATA!! (again)



**Department of Transportation**  
Office of Transportation Systems Management & Operations (TSMO)

## TMC Dashboard

### Interface Tips

- Hold Ctrl to multi-select for filter
- Use the Eraser next to the filter name to clear that filter

Data is updated nightly at 10:00 PM Eastern. Data goes back to September 1, 2022.

Date Range

9/1/2022 5/5/2026

Show data from the...

Last 13 Months (Calendar)

Region

All

Shift

All

Incident Type

All

Clear all slicers

**Total Events**

**47.14K**

---

April 2026

**3494**

April 2025

**3719**

Last Month vs. Last Year

**-6.05%**

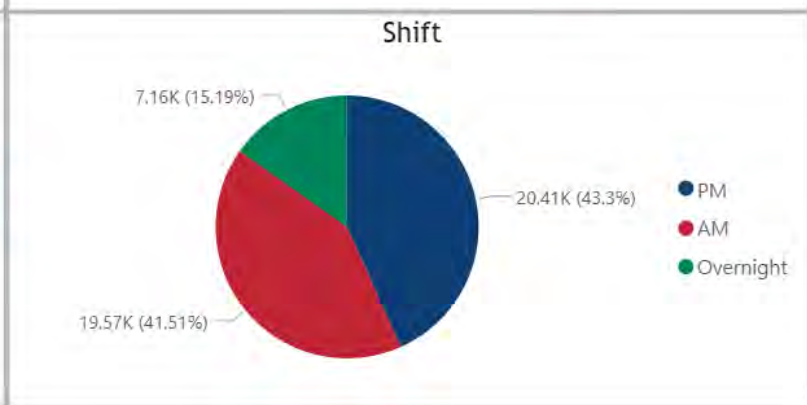
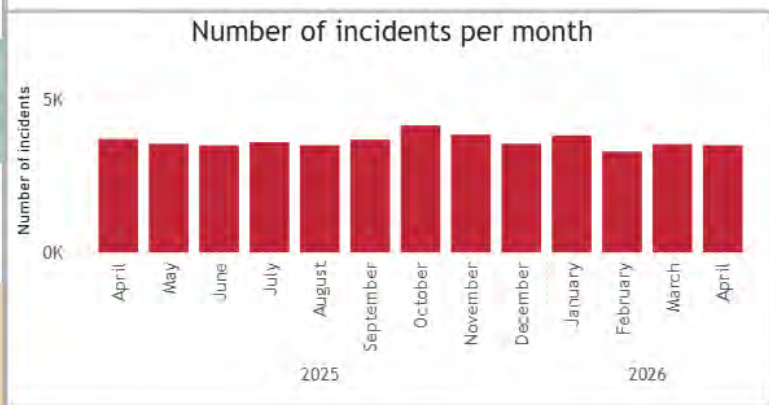
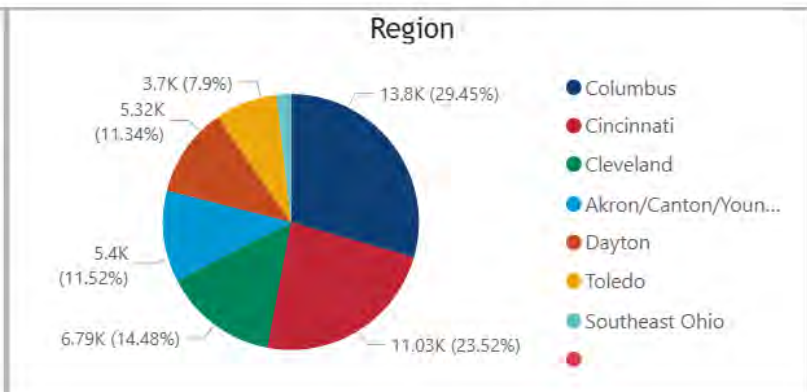
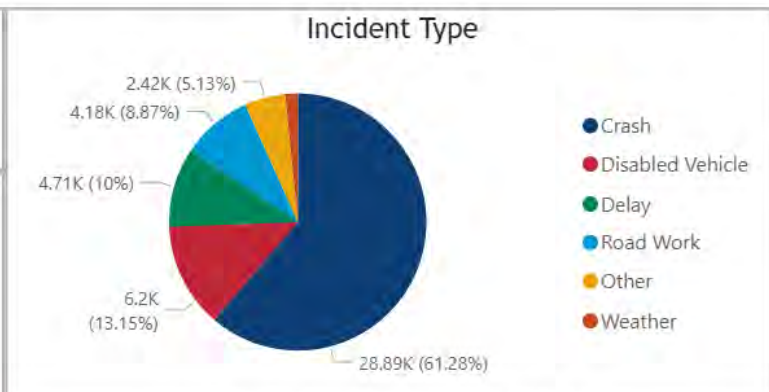
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12 Month Avg

**3620**

Last Month vs. 12 Month Avg

**-3.49%**



## WE HAVE DATA!! (again)



# WE HAVE DATA!! (again)

- Data was lost due to an ATMS update in August,2022
- Link to TSMO data warehouse was “broken”
- Link to warehouse restored in March 2026




## MAJOR EVENT NOTIFICATION

- TMC recently began using the “Full Closure Form”
- Allows the TMC to instantly notify senior leadership / PIO’s of major events on ODOT maintained roadways (Interstates / freeway look a likes)
- TMC staff fills out form, Automatically sends email with full details of closure depending on location to senior leadership in the impacted district
- Intended to provide “just the facts” information – without contacting TMC





# MAJOR EVENT NOTIFICATION



**Ohio** Department of  
Transportation

transportation.ohio.gov

## TMC INCIDENT NOTIFICATION

### Who

District\*

District 6

TMC Notified By\*

ie. - OSP, Local PD, Fire Dept, Tow Company, ODOT CCTV

### What

Nature of the Incident\*

ie. - Multi-vehicle crash, overturned semi, vehicle fire, severe bridge damage

### When

When Occured\*

MMMM DD, YYYY  hh:mm aa

Estimated Opening Time\*

ie. - 4:00 PM, Unknown

### Why (still closed)

Reason For Delay

ie. - fatal investigation, hazmat cleanup, bridge inspection, tow delay

Additional Notes

if needed

# MAJOR EVENT NOTIFICATION

- WEA (Wireless Emergency Alerts), Fleetworthy and more?
- ODOT has used WEA and Fleetworthy for several years
- Both are now linked together on same iLOG platform (Iris)
- TMC can create ad hoc Fleetworthy alerts without sending email to vendor
- Can be used together or separately
- iLOG working on future updates that will incorporate HAAS and Wrong way alerts



# MAJOR EVENT NOTIFICATION

IRIS Closures Question Library Shapes Library Fleetworthy Custom Reporting Resources Hello Dominic! Log off This is a TRAINING system.

Closures

To create a new closure, click the red "add new" button.

Map Satellite

Map showing major highways and cities in the Midwest and Northeast US. A red dot on I-75 near Columbus indicates a closure. The map includes labels for cities like Toledo, Cleveland, Akron, Pittsburgh, Columbus, Cincinnati, and Indianapolis.

Google Traffic by Google

Keyboard shortcuts Map data ©2026 Google Terms Report a map error

Add New



# MAJOR EVENT NOTIFICATION

GIS
Closures
Question Library
Shapes Library
Fleetworthy
Custom Reporting
Resources

Hello Dominic!
Log off
This is a TRAINING system

**Fleetworthy Emergency Alerts**

**Active Closure Listing** Add New Fleetworthy Emergency Alert

There are no active closures in the system. Click the "Add New Fleetworthy Emergency Alert" button to add a new one.

**Future Closure Listing**

There are no future closures in the system. Click the "Add New Fleetworthy Emergency Alert" button to add a new one.

**Closed/Expired Closure Listing**

Agency Fleetworthy Event #	Help Event #	Title	Status	Start Date/Time (ET)
20264131329	2026413138	I-90 Closed	Closed	04/13/2026 01:29 PM
2026312944		ILOG TEST 0312	Closed	03/12/2026 09:44 AM
202631294484		ILOG TEST 0312	Closed	03/12/2026 09:44 AM
2026312944_1		ILOG TEST 0312	Closed	03/12/2026 09:44 AM
2026212140		ILOG Monthly TEST 0212	Cancelled	02/12/2026 02:05 PM
2026212141		ILOG Monthly TEST 0212	Expired	02/12/2026 02:01 PM
2026212141312		ILOG Monthly TEST 0212	Expired	02/12/2026 02:01 PM

**Add New Fleetworthy Emergency Alert**

Help Alert Event #

Fleetworthy Event #

Please specify the Fleetworthy Emergency Alert area using the map.

Centerpoint Latitude

Centerpoint Longitude

Title

25 characters left

Message (Additional Information that appears below the Title – 25 characters)

25 characters left

Display Spanish and French Fields

Start Date/Time (ET)

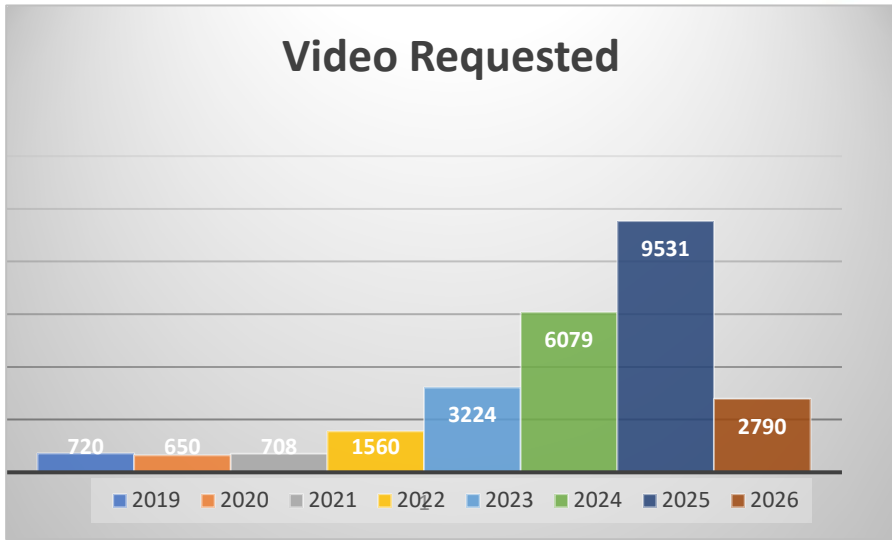
End Date/Time (ET)

**Add New Fleetworthy Emergency Alert**

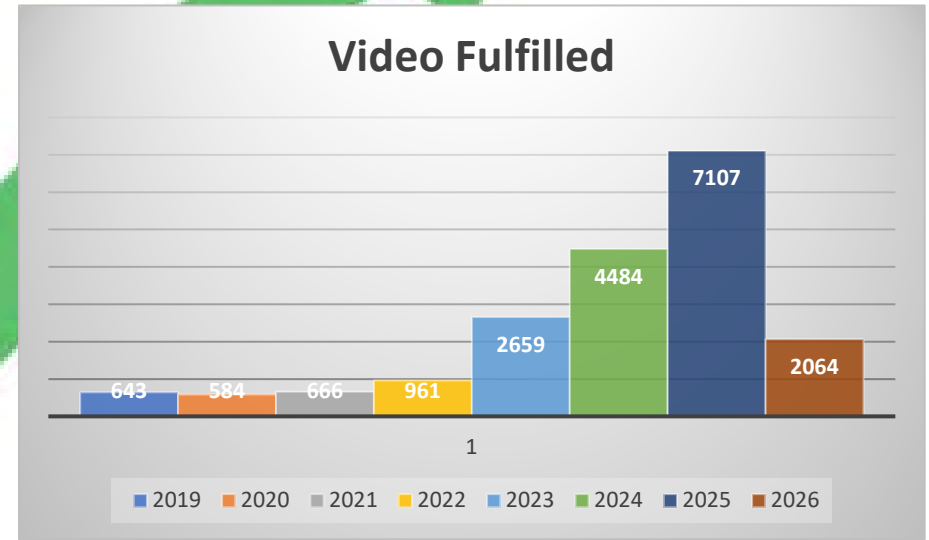
# VIDEO REQUESTS

- Public records requests are growing exponentially

Video Requested



Video Fulfilled





# VIDEO REQUESTS

- ODOT has transitioned to online video request submittals (mostly)
- Requests come through the Contact Center portal

### OHGO/Traffic Camera Video

OHGO/Traffic Camera Video

**If this is an emergency, please dial 911 immediately**

Some cameras shown on OHGO.com may belong to organizations outside of ODOT and may not be available for recordings. If there is not a camera on the dropdown list, ODOT does not have a camera at that location. The Ohio Department of Transportation only retains video for 72 hours before it is automatically overwritten unless previously recorded. Once received, your request will be processed within a reasonable time.

Customer Name

\* First Name

\* Last Name

Contact

\* Email

\* Confirm Email

\* Phone Number

\* Organization

Submit

Required information

First Name Last Name Email Confirm Email  
Phone Number Organization Camera Location  
Start Time of Incident Duration of Footage Requested

## VIDEO REQUESTS

- TMC still records and sends requested footage
- ODOT working internally on fully automating the process (record and send)
- Estimated to be ready sometime in 2027



Send





# Contact

- Dominic DelCol
- TMC Supervisor
- Office of TSMO
- [dominic.delcol@dot.ohio.gov](mailto:dominic.delcol@dot.ohio.gov)

# Pennsylvania Department of Transportation



**David Gaffney**  
**TMC Operations Manager**  
**PennDOT**  
[davgaffney@pa.gov](mailto:davgaffney@pa.gov)



## Qualified/Approved Products List

- PennDOT's current QPL (Bulletin 15) includes some portable devices, but no permanent devices
- Started device cybersecurity testing
- Specifications don't currently include cybersecurity requirements
- Districts may limit the types of devices through proprietary requests to streamline maintenance and parts inventory
- How do other states handle QPLs?



## Cyber Security

- PennDOT is starting to test cybersecurity of devices, with the intent of mitigating or reducing risks for edge and networking devices
- Testing will require directing shipments to tester or for PennDOT to arrange shipping to tester
- Starting with spare parts in inventory
- Will develop into specifications
- May inform a QPL in the future
- How do other states handle cybersecurity testing?



## Smaller Scale Special Events

- Pennsylvania has hosted or will host a number of special events:
  - 2026 NFL Draft Pittsburgh
  - 2025 US Open in Oakmont near Pittsburgh
  - 2026 PGA Championship in Newtown Square near Philadelphia
  - Little League World Series annually in Williamsport
  - Various concerts, sporting events, etc. near both small and large cities (Philadelphia (1.6m city; 6.2m metro), Pittsburgh (303k city; 2.4m metro), Harrisburg (50k city; 620k metro), etc.)
- How detailed are your TMPs for some of the smaller scale events?
- Where do you draw the line that you are willing to put in the effort to have special plans for an event vs just managing the traffic as you would on a normal day?
- Do you take the lead with event organizers or do you let them do their thing?
- What tools do you use in planning?



# Contact

- David Gaffney
- TMC Operations Manager
- PennDOT
- [davgaffney@pa.gov](mailto:davgaffney@pa.gov)



# Tennessee Department of Transportation



**Alexxander Dennis**  
**Senior Technical Specialist**  
**TDOT Headquarters, Traffic Operations Division**  
[Alexxander.Dennis@tn.gov](mailto:Alexander.Dennis@tn.gov)

# TMC Hybrid Staffing (To Deploy Mid-2026)

- Outsourced staff for overnight/weekends
  - Shifts and staff TBD
- TDOT staff for weekday/daytime shifts
  - M-F
  - 5:30AM – 9:30PM
- Shift 1 (4 staff)
  - 5:30AM – 2:00PM
- Shift 2 (1 Swing Shift Tech)
  - 10:00AM – 6:00PM
- Shift 3 (4 staff)
  - 1:30PM – 10:00PM
- 1-hour mandatory break





## Feedback/Challenges

- Any communication breakdowns between DOT and Contracted staff?
- Any unexpected issues after hybrid staffing implementation?
- Any lessons learned from DOT's utilizing TMC hybrid staffing?
- Any staff performance metrics to share?



# Tennessee Department of Transportation

- Contact
  - Alexx Dennis
  - Senior Technical Specialist
  - TDOT Headquarters, Traffic Operations Division
  - [Alexander.Dennis@tn.gov](mailto:Alexander.Dennis@tn.gov)

# Texas Department of Transportation



**Alberto Aldape**  
**Technical Project Manager**  
**TxDOT Traffic Safety Division (Traffic Management)**  
[alberto.aldape@txdot.gov](mailto:alberto.aldape@txdot.gov)