

Metropolitan Area Transportation Operations Coordination

MATOC Briefing for MWCOG Winter Weather Conference

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MATOC Mission and Operations

- A joint operations program between DDOT, MDOT, VDOT, & WMATA to improve inter-agency information sharing and coordination
 - Focuses on DOT Operations and Traffic Incident Management
- MATOC's mission is to provide situational awareness of day-to-day transportation operations in and around the National Capital Region (NCR)
- Develop tools and processes that enables operating agencies and the traveling public to make better decisions
- The MATOC Program is governed by a Steering Committee and supported by several committees and working groups covering specific DOT topic areas;
 - Roadway Operations, Transit Operations, Information Systems
 - Maintenance / Severe Weather
 - Construction / Planned Events
- MATOC is not command and control, it is advisory in nature and serves as a decision support function













MATOC's Area of Interest

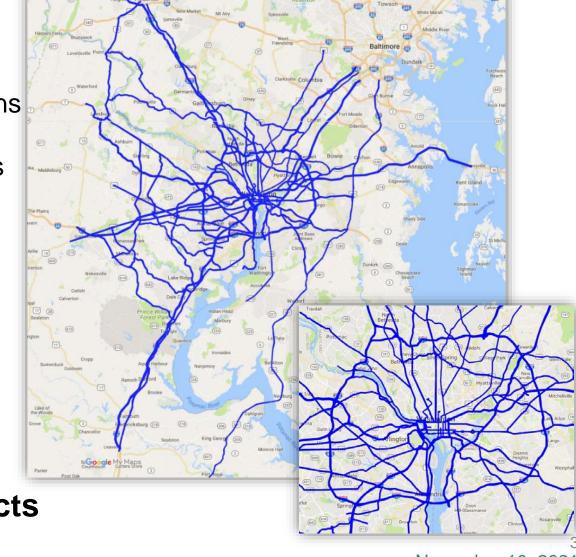
Area of Interest

- National Capital Region "+1"
- Roadway network defined by MATOC Operations Subcommittee
- Expands and contracts based on travel patterns

Focus Areas

- Interstates and major arterials
- Jurisdictional borders and river crossings
- Incidents or events that may impact multiple jurisdictions or transportation modes









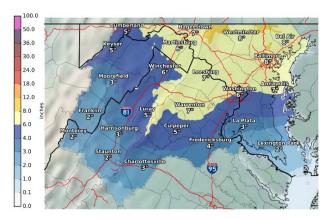




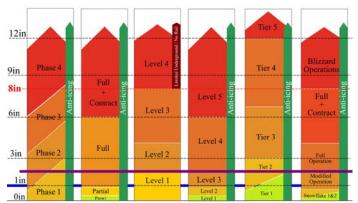


Focus Area: Winter Operations

- MATOC Severe Weather Coordination Working Group (SWCWG) serves as a forum for select DOT maintenance representatives to share/discuss mobilization and recovery plans before, during and after widespread severe weather events
- MATOC Transit Task Force (TTF) is a forum for regional/local transit operators to discuss service coordination issues related to unplanned and planned events



Weather Forecast



Agency Mobilization Plans



Road Conditions

Anticipated/Observed













MATOC Operations Center

Normal Operations

- Monday-Friday, 4:30am-8:00pm
- On-Call after hours and weekends; rotating schedule
- Able to ramp up to 24/7 coverage
- Five staff; two frontline operators and three in support roles

Operational Posture

- Normal Operations: Focus on weekday AM/PM rush
- **Enhanced** Operations:
 - Planned/Special Events July 4th, Inaugurations, etc.
 - Severe Weather Winter storms, derechos, hurricanes, etc.
- Serves as a transportation watch desk / information clearing house / resource desk for its stakeholders
- Transitioned to a virtual environment at the beginning of the COVID-19 pandemic
 - Returned to normal onsite operations at the beginning August 2021















MATOC Operations Severe Weather/Special/Short or No Notice Events

1) Pre-Event

- Monitor weather forecasts and DOT mobilization plans
- Consult with the MATOC Severe Weather Coordination Working Group (SWCWG)
- Participate in and monitor regional communications:
 - MATOC SWCWG Calls/Listserv
 - MATOC Transit Task Force Calls/Listserv
 - MWCOG Severe Weather Calls
- Ramp up to Enhanced Operations 2-3 hours prior to the event entering NCR
- Two 2-person teams work in shifts filling Operations & Support roles

2) During Event

- Monitor core systems as well as other storm related resources
- Provide hourly reporting of major transportation incidents, road closures, and changes in transit (bus & rail) service levels
- Consult with the DOT Operations, RITIS Support team, MATOC SWCWG, MATOC Transit Task Force as needed

3) Post-Event

 Return to Normal Operations & Reporting as recovery operations begin to wind down









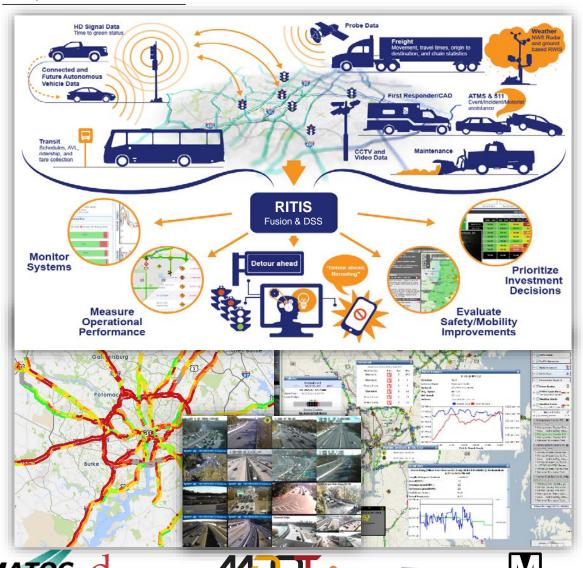




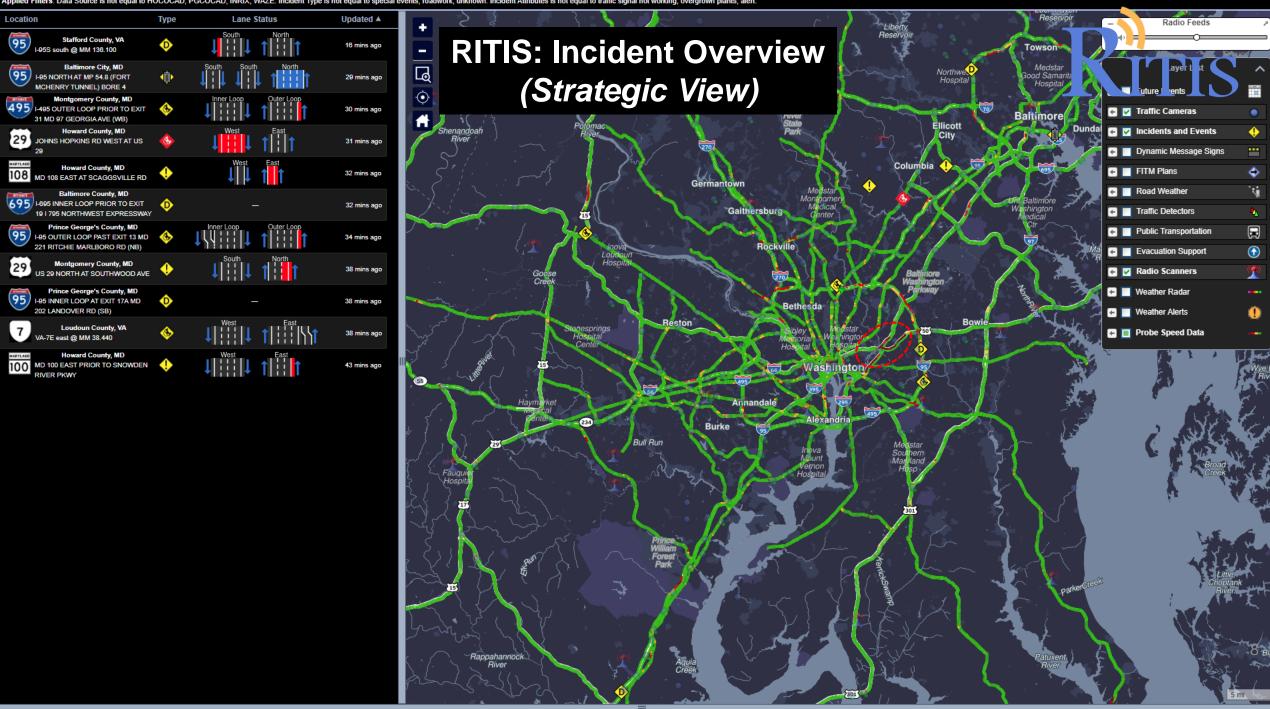
District Department of Transportation

Regional Integrated Transportation Information System



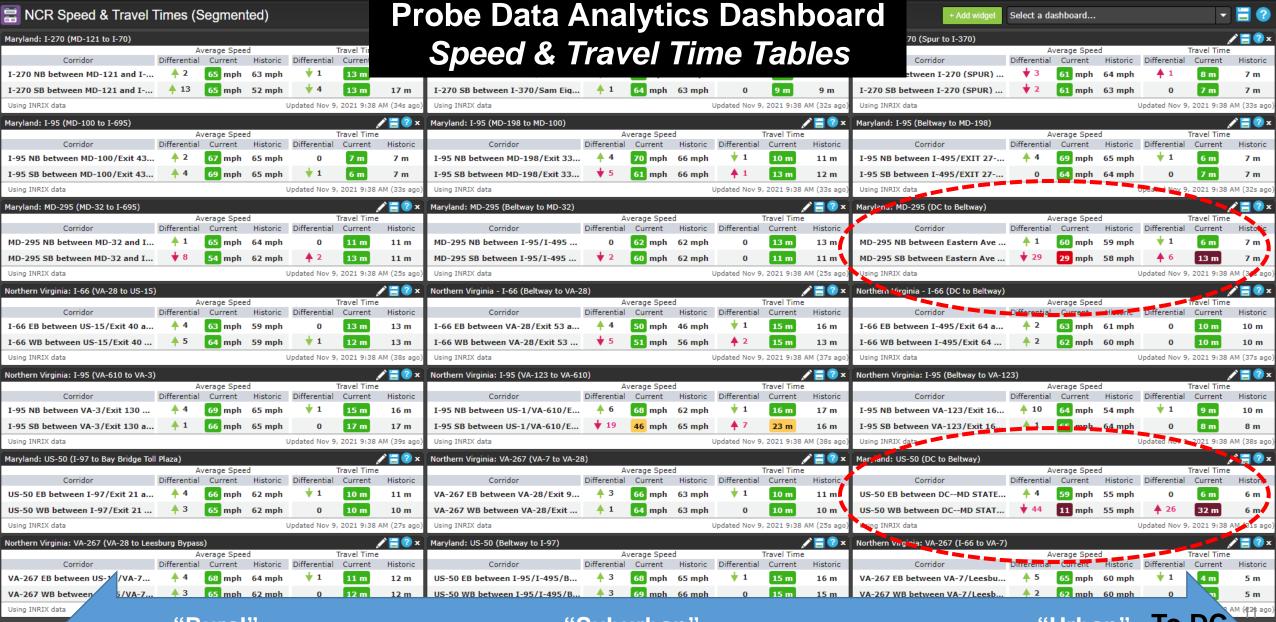


- MATOC's core system to monitor roadway conditions in and around the National Capital Region
- Limited to public sector agencies
- Over 13,500 RITIS users from around the nation representing various disciplines
- Gives users a common operating picture of a region's surface transportation network
- RITIS Training Available
 - RITIS 101 For Operations Centers & Staff
 - Webinar: November 12 @ 10:00AM EST
 - www.matoc.org/training





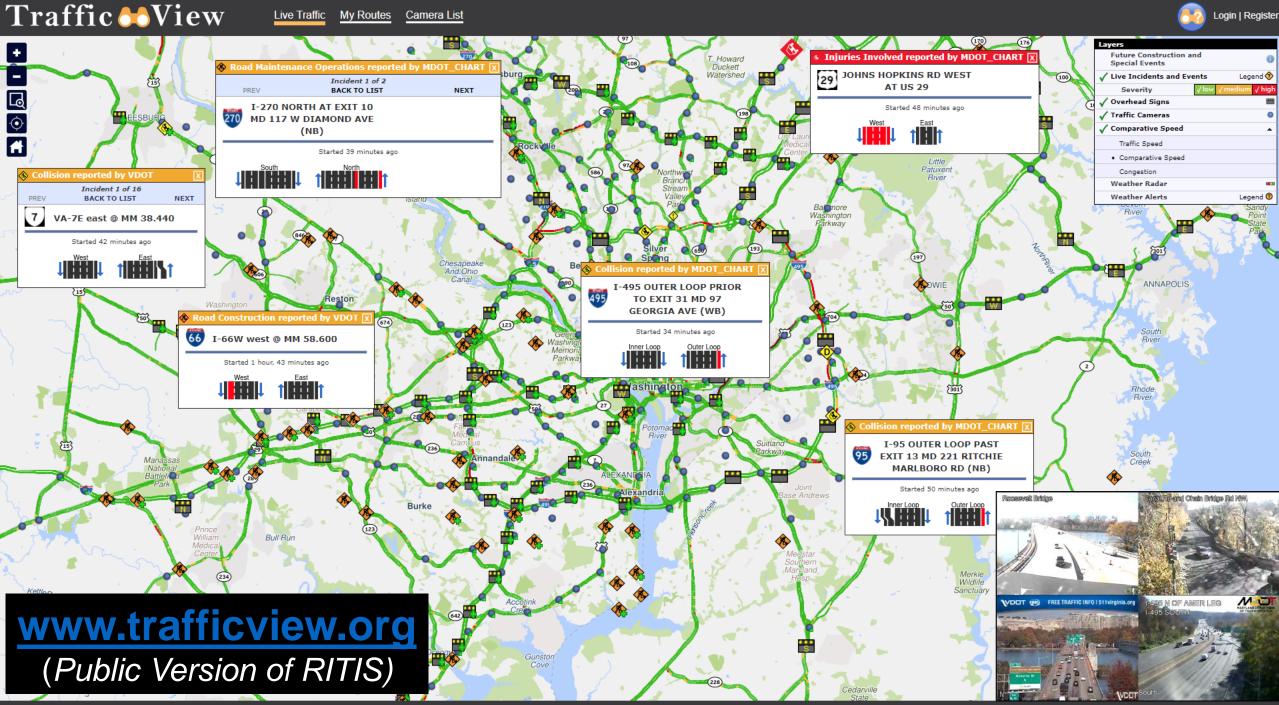




"Rural"

"Suburban"

"Urban" To DC





Questions



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RITIS Information: www.ritis.org/intro

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RITIS Training Opportunities: www.matoc.org/training









