

Briefing on the Metropolitan Area Transportation Operations Coordination (MATOC) Program

Presentation for the MWCOCG Annual
Winter Weather Briefing

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MATOC Mission and Operations

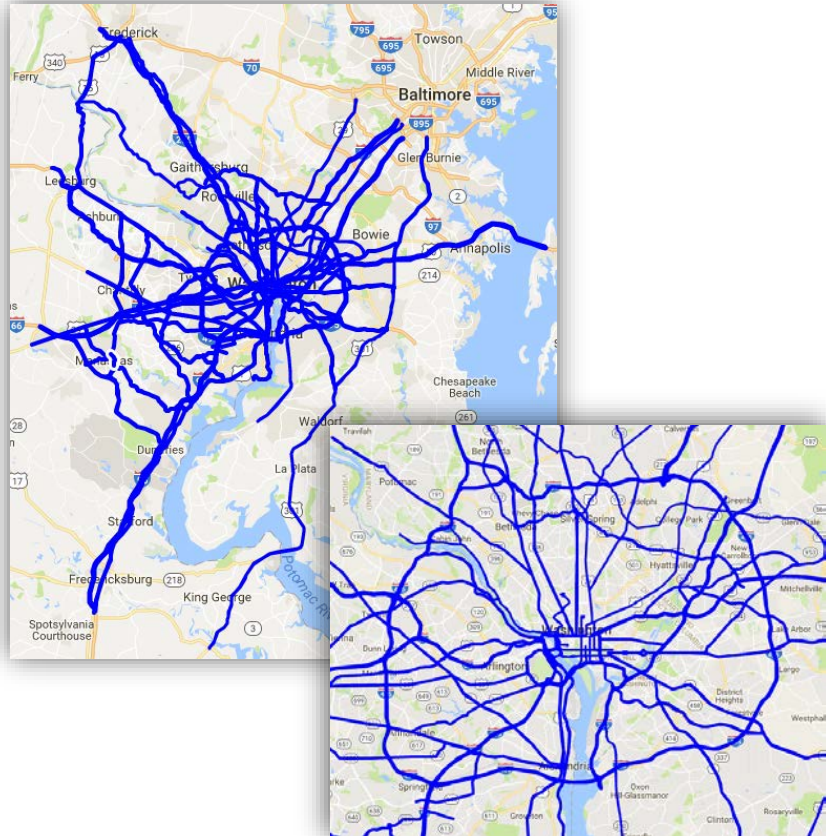
- A joint program between **DDOT, MDOT/SHA, VDOT, & WMATA** to improve **inter-agency** information sharing and coordination
 - Focuses on DOT **Operations** and Traffic Incident Management
- MATOC's mission is to provide **situational awareness** of transportation operations in the National Capital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

MATOC Operations College Park, MD



- **Hours of Operation**
 - Monday-Friday: 4:30am-8:00pm
 - After Hours & Weekends: On-Call
 - Able to ramp to 24/7 operations
 - Staff: 4
- MATOC Staff monitor **Regional Integrated Transportation Information System (RITIS)**, CapWIN, WebEOC, Public Safety & Media Scanners, Local-Regional-Statewide Alerts, Commuter Bus & Rail Operations, **Weather, DOT mobilization plans**, Social Media
- Serves as a **transportation watch desk / information clearing house / resource desk** for its stakeholders

MATOC Area of Interest



Routes monitored by MATOC

- **National Capital Region “+1”**
 - Coverage expands/contracts based on several factors; time of day, weather, planned events, etc.
- **Focus Areas**
 - Interstates and major arterials
 - Jurisdictional borders and river crossings
 - Incidents or events that may impact multiple jurisdictions or transportation modes
- MATOC member agency systems cover the majority of this network...but not all



MATOC Operations

Severe Weather/Special/Short-Notice Events

Pre-event

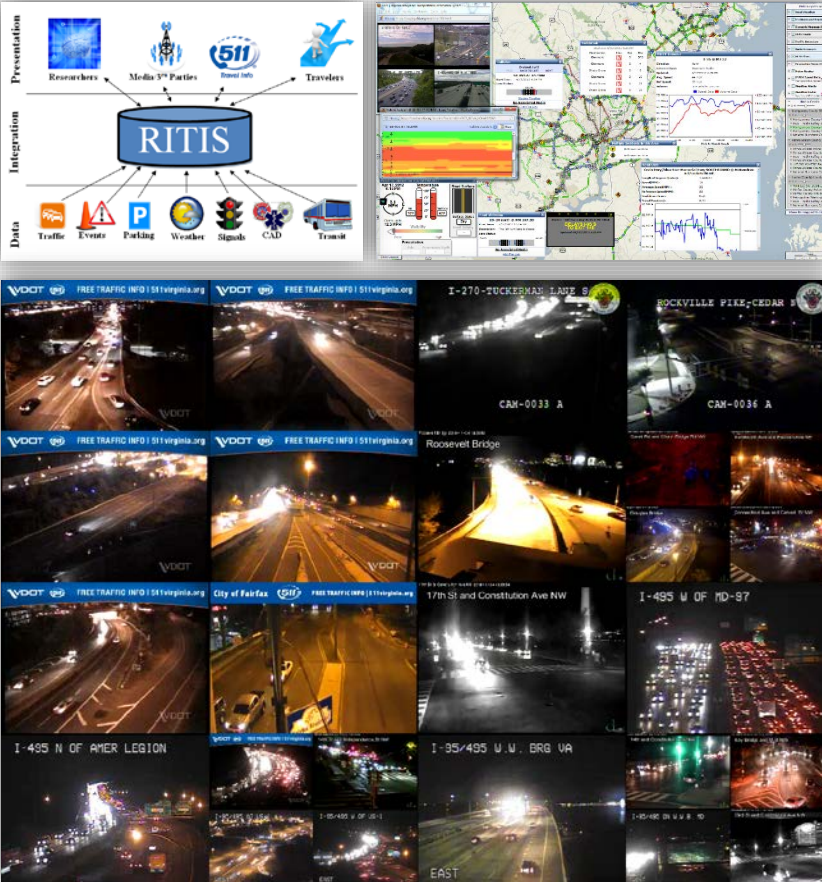
- Monitor weather forecasts and **DOT mobilization plans**
- Consult with the **MATOC Severe Weather Coordination Working Group (SWCWG)**
 - Participate in and monitor regional conference calls:
 - **MATOC SWCWG Calls**
 - **MATOC Transit Task Force Calls**
 - MWCOC Snow Calls
- Staff ramp up to Severe Weather Operations 2-3 hours prior to the event entering NCR
- Two 2-person teams work in shifts filling Operations & Support roles

During Event

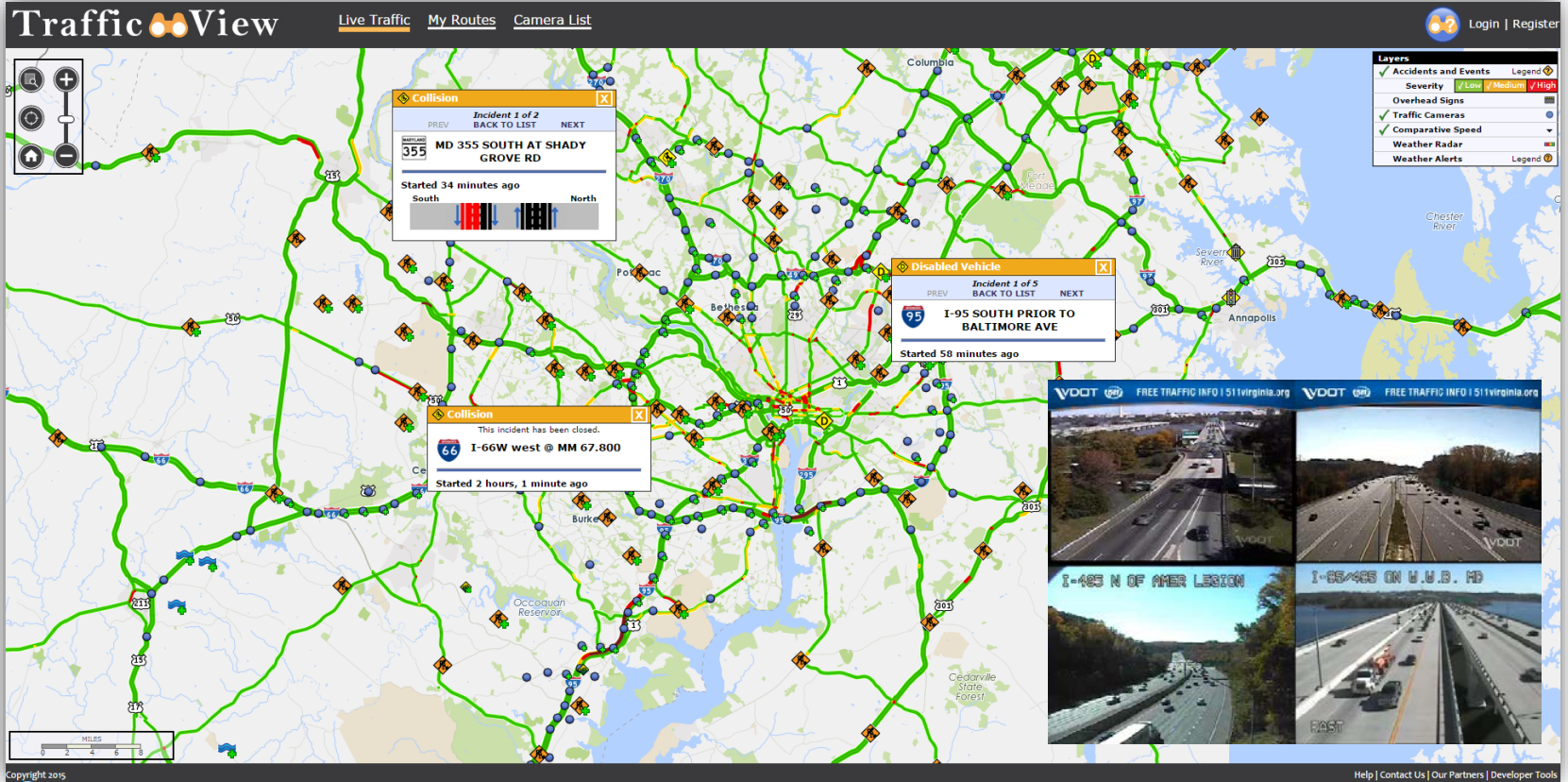
- Monitor core systems as well as other storm related resources
- **Hourly reporting of major transportation incidents, road closures, and changes in transit (bus & rail) service levels**
- Consult with the RITIS Support team, MATOC Severe Weather Coordination Working Group, MATOC Transit Task Force as needed

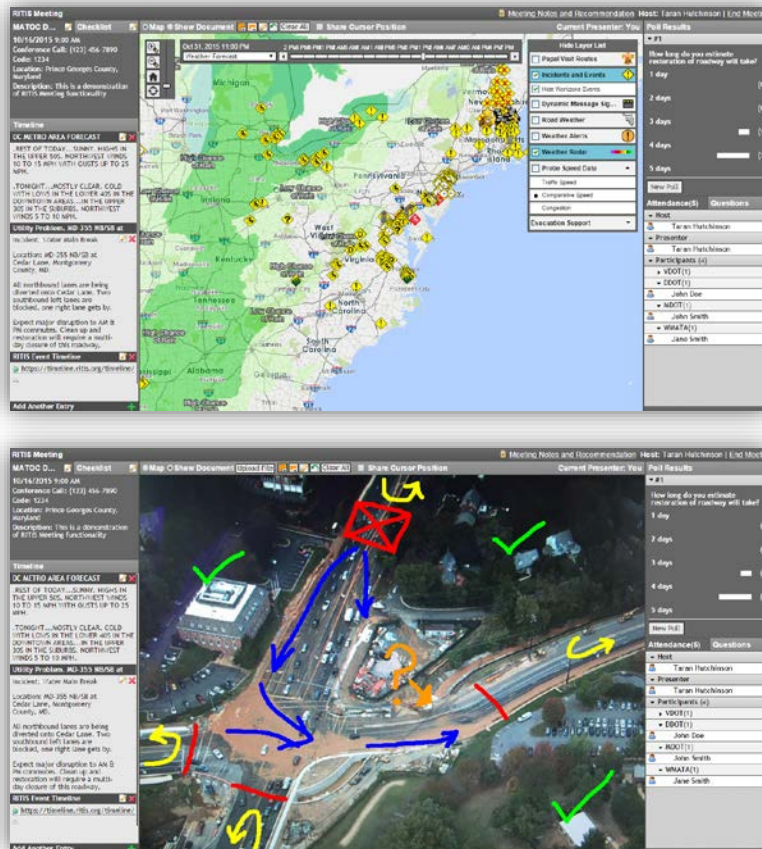
Post-Event

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



- **MATOC's core system to monitor roadway conditions** in and around the National Capital Region
- **Limited to public sector agencies**
- Approximately **6,500 RITIS users** from around the nation representing various disciplines
- **Provides decision makers a visual snap shot of current roadway conditions**
- **New for 2016: DC, MD, VA Traffic CCTV**
- **RITIS Training Available**
 - December 2, 2016 (9am-12pm)
 - MPSTOC, Fairfax, VA
 - www.matoc.org/program-calendar/training





- Originally developed for the NCR and now available to I-95 Corridor Coalition member agencies
- **Simple RITIS-based webinar** function that allows for:
 - Faster call/meeting management
 - Multiple-presenter functionality
 - Interactive mapping, share documents and images, drawing functions
 - Shared view of an event or incident
 - Document meeting minutes
 - Open and transparent decision-making (e.g., real-time polling)
 - Participants receive a PDF meeting summary at the conclusion of the meeting
- Works on all internet browsers
 - **No plugins required**
 - Supports up to 300 participants per session

Metropolitan Area Transportation Operations Coordination Program

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Training Opportunities

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www.matoc.org/program-calendar/training