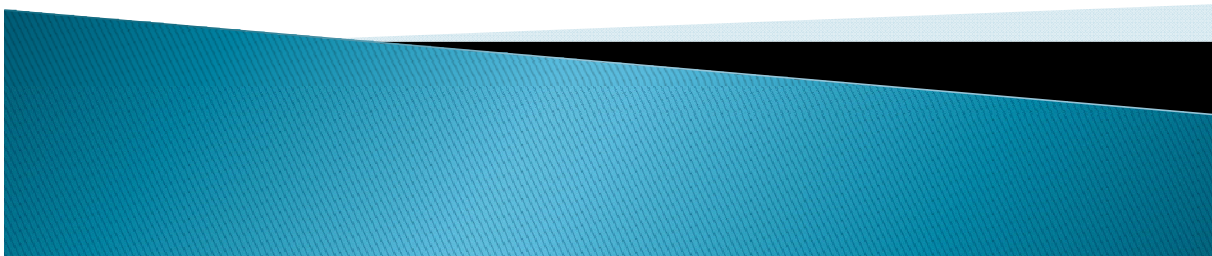




MATOC, there to help

TPB Regional Bus Subcommittee

October 23, 2012



MATOC *Metropolitan Area Transportation
Operations Coordination*

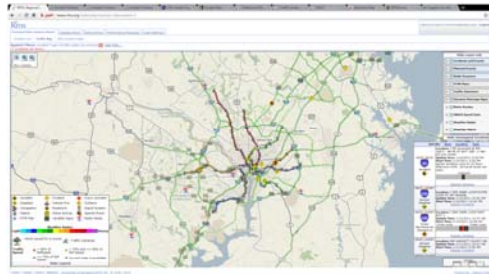
- ▶ Joint program of the District of Columbia, Maryland, and Virginia DOTs and WMATA
- ▶ Provides situational awareness of transportation operations in the National Capital Region
- ▶ Dedicated staff monitor and communicate reliable information during significant incidents
 - Awareness
 - Early notification
 - Updates
 - Clarification



MATOC Incident Detection



Traffic Cameras



**RITIS – Regional Integrated
Transportation Information System**



Media
Broadcasts
– Radio
– Television



Scanners
– Public Safety
– Media/Agency
Traffic Spotters



Incoming
Messaging
Feeds
– Agency
– Emergency
– Media
– Social Media

3

MATOC Organization & Structure

- ▶ **Steering Committee**
Governing body comprised of senior transportation operations officials from DDOT, MDOT/SHA, VDOT, and WMATA, with MWCOG TPB transportation director as an ex-officio member
- Information Systems Subcommittee
- Operations Subcommittee
 - Roadway
 - Transit Task Force

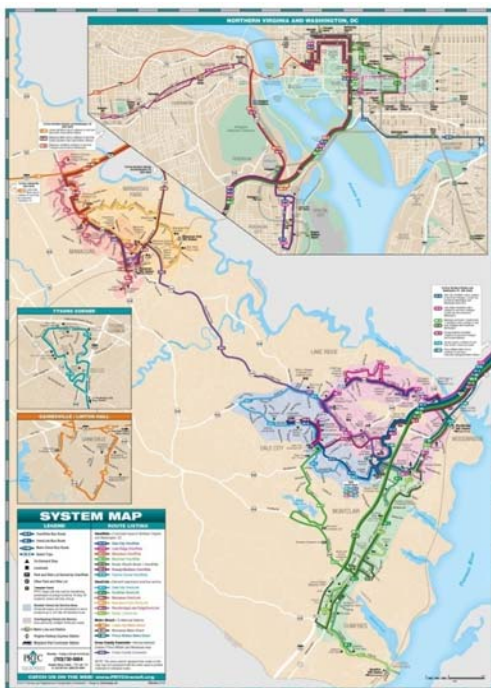
4



Transit Task Force

- Formerly Region Transit Operators Group (RTOG)
- *The MATOC Operations Subcommittee Transit Task Force serves as a forum for discussing service coordination issues and improving communication – both real-time and in advance of known specific events and advises the MATOC Steering Committee on transit operations topic areas and needed/desired improvement.*
- Bi-monthly topics/themes
 - Maintain up-to-date Emergency Contact List (posted on MATOC website)
 - New, upcoming, and suggested MATOC, RITIS functionality
 - Review significant events
 - Upcoming significant events
 - Regional operational concerns
 - Weather response coordination

Potomac & Rappahannock Transportation Commission



Multi-modal transit agency (bus, rail, ridematching)

- Bus services provided from, to, and within Prince William County, Manassas, and Manassas Park
 - 141 buses, 19 routes
 - 13,000 daily riders
- OmniRide commuter
 - DC, Pentagon, Arlington and Tysons Corner
 - >200 scheduled bus trips per day via I-95/395 and I-66 HOV Lanes and Beltway HOT Lanes (soon!)
- Metro Direct rail feeder
 - Peak direction and reverse commute to/from Franconia/Springfield and West Falls Church Metrorail
- OmniLink local
 - Flex-routes within eastern Prince William and Manassas area

Frontline Perspective

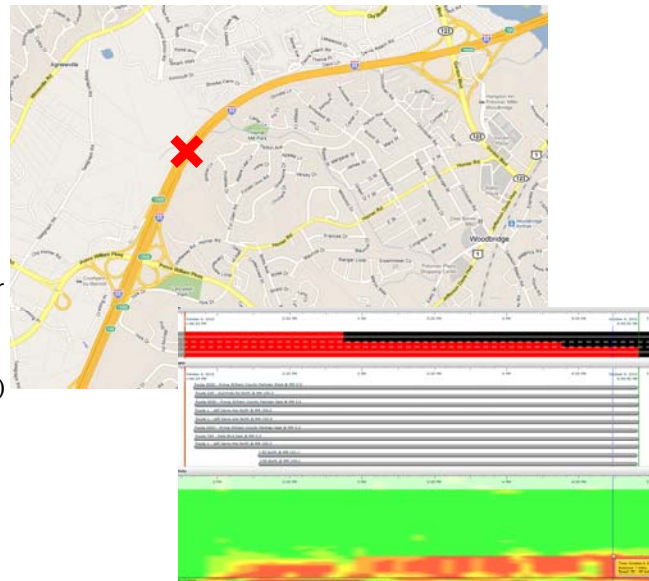
- Commuter service primary beneficiary of MATOC “event” notifications
- Timely, accurate, updated notification crucial to mitigate negative impacts/maintain OTP
 - PM particularly volatile due to 25 mile “deadhead” to starting locations
 - Dispatchers have many inputs, simultaneous issues, etc.
 - The earlier the notification, the more options at our disposal
 - Pre-MATOC /RITIS we did not receive timely notification or enough information to make informed decisions; determined impact based on past experience – hit or miss at best
- ▶ MATOC is helping PRTC make informed decisions under less than ideal conditions
 - Early notifications
 - Updates
 - Live person to clarify, investigate



7

Example Incident

- ▶ I-95 Northbound
 - N. of Exit 158, Prince William Pkwy
- ▶ Multi-Vehicle Accident
 - State Trooper struck
- ▶ Northbound lanes closed
 - Traffic diverted to US-1
- ▶ Required two medevac helicopters
 - Southbound HOV lanes closed for landings
- ▶ Incident Duration
 - 1:46 pm – 4:55 pm (3 hrs 9 mins)
- ▶ MATOC Notifications
 - First alert at 2:01 pm, final update at 4:53 pm
 - MATOC transmitted a total of 7 situational awareness alerts for this incident over its duration



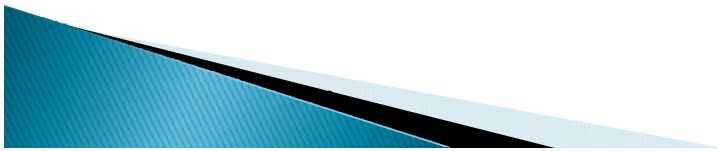
8



Looking Ahead



- ▶ Upcoming /desired enhancements
 - More targeted notifications
 - IM capability
 - Track upcoming significant events, notify accordingly, serve as central contact
 - Regional emergency information coordinator/facilitator
 - VA cameras part of RITIS
- ▶ PRTC CAD/AVL
 - Real-time information for PRTC and fed to RITIS/MATOC



Questions?

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