

Draft FY2014 UPWP MOITS-Related Tasks

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Overview

2. COORDINATION AND PROGRAMS

- A. Congestion Management Process
- B. Management, Operations, and ITS Planning
- C. Emergency Preparedness Planning
- D. Transportation Safety Planning
- H. Freight Planning
- I. MATOC Program Planning Support

5. TRAVEL MONITORING

- B. Congestion Monitoring and Analysis

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2.A. Congestion Management Process

- Summary:
 - Systematic management of traffic congestion and provision of information on system performance
 - Federally required component of metropolitan planning
- Highlight:
 - Compilation and analysis of INRIX speed data, with full regional availability
- New/changed:
 - Update of the CMP Technical Report for 2014 (2-year cycle)
 - Enhanced focus on supporting MAP-21 congestion-related performance measurement

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2.B. Management, Operations and ITS (MOITS) Planning

- Summary:
 - Integrated strategies to optimize the performance of existing infrastructure through the implementation of multimodal and intermodal, crossjurisdictional systems, services, and projects designed to preserve capacity and improve security, safety, and reliability of the transportation system (MAP-21 definition)
- Highlights:
 - Technology and systems
 - ITS Architecture
 - Traffic signals
 - MOITS Technical Subcommittee and Traffic Signals Subcommittee
 - Long-range planning advice to MATOC Program
- New/changed:
 - Enhanced focus on supporting MAP-21 systems reliability performance measurement

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2.C. Transportation Emergency Preparedness Planning

- Summary:
 - UPWP contribution toward transportation sector's role in overall regional emergency preparedness planning
- Highlights:
 - Transportation Regional Emergency Support Function (RESF), one of 16 such functions
 - Transportation participation in the Urban Area Security Initiative (UASI) and other U.S. Department of Homeland Security-driven activities
- New/changed:
 - Benefiting from strengthened MATOC Program and RITIS

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2.D. Transportation Safety Planning

- Summary:
 - Regional collaboration on safety aspects of the region’s transportation systems
 - Federally-required safety element of the CLRP
- Highlights:
 - Data compilation and analysis
 - Coordination with Street Smart Campaign (funded outside UPWP)
 - Transportation Safety Subcommittee
- New/changed:
 - Enhanced focus on supporting MAP-21 safety performance measurement

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2.H. Freight Planning

- Summary:
 - Regional collaboration on freight aspects of the region’s transportation systems
- Highlights:
 - Freight projects database
 - Jurisdictional freight profiles
 - Freight stakeholder outreach, including private sector
 - Freight Subcommittee
- New/changed:
 - New Regional Freight Plan (4-year cycle)
 - Enhanced focus on supporting MAP-21 freight and economic vitality performance measurement

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2.I. MATOC Program Planning

- Summary:
 - TPB planning support for the MATOC Program, for MATOC role in regional operations coordination and information sharing
- Highlights:
 - Coordination with Regional Integrated Transportation Information System (RITIS)
 - Coordination with MATOC operations staff, and MATOC committees on roadways, transit, severe weather, and information systems
 - TPB participation on MATOC Steering Committee
- New/changed:
 - Advising continuous improvement to systems and processes

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5.B. Congestion Monitoring and Analysis

- Summary:
 - Supply data for the Congestion Management Process (CMP) and Models Development
- Highlights:
 - Triennial aerial survey of the region’s freeways complements other data sources and provides a valuable photographic record
 - Detailed data analysis in support of CMP on freeways and arterials
- New/changed:
 - Aerial survey this year, last undertaken in FY2011

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Comparative Committee Activities

	MOITS	MATOC	RESF-1 Emergency Transportation Committee	TRANSPORTATION SAFETY SUBCOMMITTEE
REPORTING	Advisory subcommittee to the MPO (TPB)	Independent organization with its own Steering Committee made up of state DOTs, WMATA (external to the MPO)	Advisory subcommittee to the COG Board / public safety committee structure (not MPO/TPB)	Advisory subcommittee to the MPO (TPB)
COMMITTEE STRUCTURE	Reports up to TPB Technical Committee ; supported by Traffic Signals, ITS Architecture, and Traveler Information Subcommittees	MATOC Steering Committee (DDOT, MDOT, VDOT, WMATA); supported by Subcommittees on Operations, Transit, Severe Weather, & Information Systems	Reports to COG Public Safety Policy Committee ; coordination as necessary with parallel RESF committees (RESF-2 through RESF-16)	Reports up to TPB Technical Committee
TOPIC AREAS	MOITS considerations in regional long-range transportation planning ; planning for non-emergency transportation operations	Current interagency coordination on transportation operations, incidents, & related information sharing/traveler information	Provide transportation sector input to the regional catastrophic emergency planning process and DHS-driven requirements	Shepherd the federally-required transportation safety element of the long-range transportation plan