

Item #11

**Highlights from the October 2014
Association of Metropolitan
Planning Organizations
(AMPO) Operations Work Group**

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Introduction

- The national Association of Metropolitan Planning Organizations (AMPO) convenes a number of advisory/peer exchange “work groups” on specialized topics such as travel demand modeling
- The “Operations Work Group” was formed in 2006 to focus on transportation operations issues in MPO planning
 - Particularly on what MAP-21 defines as “Regional Transportation Systems Management and Operations (RTSMO)
- The group has met approximately annually since 2006, hosted by a number of MPOs around the country, sponsored by FHWA
- Most recent meeting here in Washington October 6 & 7, hosted by USDOT

Overview of Meeting Highlights

- Review of FHWA guidance on RTSMO and outlook for new performance measure regulations
- Use of probe data/other operations data toward performance measurement
- Several MPO presentations on their coverage of operations in the planning process

FHWA Presentations

- Available guidebooks or tools on RTSMO, including a benefit/cost analysis tool, and a primer on the structure of the planning process
 - Role of RTSMO in the new MPO performance-based planning?
- No further delays anticipated in issuing the performance measure regulations, expecting to meet announced end of calendar year deadline
- V2I vehicle-to-infrastructure connectedness initiative, with related V2V information
 - MPO planning will eventually have to reflect changes made by V2I and V2V
 - Effective increases in capacities on existing roads due to the superior technology?
 - Orlando, Albany, and Atlanta mentioned their use of scenario planning, including market penetration by 2040 of autonomous vehicles
 - FHWA is beginning to develop a planners' guide to V2I (no completion date estimate given)

MPO Presentations

- Orlando
 - Detailed discussions of technology and operations within sub-allocated funding discussions
 - Scenario planning
- Atlanta
 - Efforts to integrate probe data with traditional MPO travel demand forecasting; multi-scale forecasting (regional, meso, micro)
- Las Vegas
 - Combined MPO/regional operations agency structure facilitates use of operations data analysis for planning purposes; dashboards
- Albany
 - Ensuring investments in operations in a fiscally constrained environment
- Baltimore
 - Corridor-based congestion brochure, based on operations data, to inform non-technical officials

Orlando View of Paradigm Shifts

- Food for thought adapted from the Orlando MPO representative

Old Planning Emphases	New Planning Emphases
4-Step Model	Data Mining
Modes	Integration
Policy	Protocols (e.g. SOPs)
20-Year Horizon	Near/Real Time
Supply Side	Demand Side