Breakout Group #2: Summary of Session on Performance Management and Data

Three Groups Collaborated:
1. STSMO Performance Measures TWG and the – Daniela Bremmer
2. RTSMO Managing the Performance of Transportation Operations Subcommittee – Bob Winick and John Corbin, Co-Chairs
3. RTSMO Data for Operations Subcommittee – Nikola Ivanov

- 11:00 Introductions; and the Sharing of Information about Each Group
- 12:00 Lunch
- 12:30 NPRM on Performance Management Measures
- 1:30 Agency Capacity Building
- 2:30 Break
- 2:50 Potential Collaboration between the Three Groups
- 4:30 Shared Best Practices Using Performance Measures
- 5:00 Adjourn
“Agency Capacity Building” topics:
1. Data Needs and Sources of Data
3. Decision Support Systems for TSMO *(John Corbin)*

Cross-cutting themes for Agency Capacity Building
A. Data sources and analysis tools for arterial operations and performance *(Stan Young and Ken Yang)*
B. Event and Incident Management
C. Corridor monitoring and Integrated Corridor Management
D. Regional and multi-agency coordination perspectives

• Had very good participation and discussion
Group 2 Breakout: AASHTO Comments on Performance Management Measures NPRM

- Effort chaired by Daniela Bremmer, WSDOT -- a large team effort *(staffed by Matt Hardy, AASHTO)*
- Extensive comments – a constructive critic to help get it done right; each State submit own
- **Principles:** (1) there is a difference, (2) specificity and simplicity, (3) focus on things DOTs control; (4) reduce – re-use, (5) be forward thinking, (6) communicate the message & meaning of the measures
- Walked us though and discussed a boiled-down version of 15 key comments
- AASHTO Board to review & approve comments later this month to submit by Aug 20th
Group 2 Breakout: Areas of Potential Collaboration Among the Three Groups

1. Common topics the groups can work on together
2. Common issues/needs that can be addressed
3. Processes that can be used for collaboration
4. Develop an outline of activities and of an action plan

- **Group Brainstorming on:**
  - common topics
  - issue that can be addressed
  - Processes that can be used

- **Dialogued on How to Work together on:**
  - Outline of activities
  - A framework for an Action Plan Approach
Brainstorming: Produced many possible common activities

• Better integrating performance measures and Decision Support Systems (DSSs)
• Explore use of “table-top” exercises
• Consider interoperability among DSSs
• Work on ways for MAP-21 PM to have GHG measures
• Methods for streamlining MAP-21 implementation
• Focus on connections between data/perf. meas. That “will move the needle” towards goal achievement
• Hold a workshop/summit after the final rule issued
• Tie PM monitoring to the impacts of activities to better plan and manage TSMO projects
• Help develop strong guidance advocating TSMO using PM as a catalyst; tie to Asset Management
• Use of CAV data sources to monitor operations
**Group Brainstorming:** Identified several possible “needs”
- Monitoring traffic volumes (quantity) concurrently with speeds and travel times (quality)
- Increase and distribute capability for managing data
- Information on benefits of TSMO and other projects and how to use that information in DSSs
- Understanding how Big Data can help identify issues and problems needing action – active vs. passive analysis

**Group Brainstorming:** Identified various types of processes
- NOCoE list server with peer exchanges, national summit
- Submitting Research Needs/Problem Statements
- TRB Workshops, sessions, “call for papers”
- Collaborative Peer-to-Peer Exchanges
- Check against guidance in STSMO and RTSMO Strategic Plans
Group 2: Scenarios and Next Steps

• “Scenarios”: options to tie together collaborative activities
  • **Focus on MAP-21 Implementation** – plan activities to get ready for when rule is issued; how to track when the Final Rule is being implemented
  • **Looking Beyond MAP-21** – focus on emerging needs, measuring incident response performance; impacts of operation strategies; arterial performance; impact of CAVs
  • **Peer Support** – for States, MPOs, locals needing help in perf. management / TSMO; case studies of value added
  • **Systems Approach** – for from data to DSSs

• **Next Steps**:
  • Need time to reflect and broaden with more members
  • Committee chairs draft common framework / action plan
  • Conference call (Oct) to review with broader group to identify champions for developing action on the plans