

# 2015 Work Plan

## Highway Safety and Reliability TWG

### Focus Areas – Research

- Significant efforts being pursued and coordinated with Aurora and Clear Roads – established programs with existing liaisons.
- Promote outputs from previous Winter Maintenance Peer Exchanges approach SICOP for lead and coordination (web maintenance)
- Continue with planning for 4th Winter Maintenance Peer Exchange (2015)

### Focus Areas - Workforce Development

- Work with the Transportation Curriculum Coordination Council to locate or develop new training material – continue with strong liaison role
- Finish development and implementation of web-based applications for existing computer-based training programs
- Investigate other Safety & Reliability T2 needs using interactive Computer-based Training
- Promote “Training of Traffic Incident Responders” from SHRP2

### Focus Areas - Performance Measures

- Promote implementation of best practices documented in the 2013 Final Report of NCHRP 20-07/Task 318
- Collaborate with the Standing Committee on Performance Management
- Promote PM accountability and transparency by implementing the findings of NCHRP studies

### Focus Areas - Environment

- Advance the state-of-the-practice in environmental stewardship by actively raising awareness and promoting best practices (BP exist in Chapter 8)
- Identify a liaison with the Standing Committee on Environment
- Seeking out examples of winter maintenance practices and programs that demonstrate sustainability and posting appropriate results on the Center of Environmental Excellence Promote the use of FHWA’s
- INVEST tool and APWA’s “Sustainability in Public Works Conferences,” and the Salt Institute’s “Safe and Sustainable Snowfighting”

### Other focused efforts

- Promote highway safety by:
  - Collaborating with Standing Committee on Highway Traffic Safety (SCOHTS) and Subcommittee on Transportation Systems Operations & Management (STSOM)
  - Documenting highway safety needs in maintenance work zones and snow and ice control operations, and communicating those needs to SCOHTS to incorporate into their work plans
  - Implementing NCHRP 500, Vol. 17, “A Guide for Reducing Work Zone Collisions
  - Collaborating with the FHWA Work Zone Management Program, especially the Peer-to-Peer Program (Paul Pisano)
  - Utilizing the results of the SHRP2 Naturalistic Driving Study data
  - Posting successes and best practices on the AASHTO Operations Center of Excellence website
- Improve system reliability via:
  - Coordination with AASHTO Special Committee on Transportation Security and Emergency Management, the Standing Committee on Highway Traffic Safety, and the Subcommittee on Transportation System Management & Operations. Looking for liaison help with these groups
  - Promoting enhanced training from SHRP2 Reliability effort “Improving Traffic Scene Management”