TRB Winter Maintenance Committee
AHD65
https://sites.google.com/site/trbcommitteeahd65/

SCOM Safety & Reliability TWG
July 20 2015
Winter Maintenance Committee

- Identify, propose, coordinate and promote research in winter highway maintenance
- Membership: 15 US, 7 international, 2 young, 2 Emeritus
  - Academic, government, private sector
Annual Meeting 2015

• Performance and selection of winter maintenance materials

• Performance measures and surface condition monitoring

• Technology and Operations

• Prevention and control of salt contamination in the roadside environment
Other items of discussion

• Travel reliability in winter

• Dashboards for managing winter maintenance operations, materials and performance

• Automated and connected vehicle applications in winter maintenance
Practice Ready Papers 2015
12 covering 4 themes

• Video monitoring/measurement of winter surface conditions
• Data mining for winter performance measurement
• Strategic location of storage yards
• Brine selection guidelines
Sponsored Research

- **Recently Completed**
  - Strategies to *Mitigate the Impacts of Chloride Roadway Deicers* on the Natural Environment, Project 20-05/Topic 43-12
  - Alternative Methods of *Delivering Winter Operations* Services, Project 20-07 Task 329

- **In Progress**
  - Guide for Performance Measures in Snow and Ice Control Operations, Project 14-34
Upcoming Events

- July 29 TRB Webinar
  - Using Winter Severity Indexes for Winter Maintenance Performance Management

- Sept. 16-18 TRB Conference
  - Surface Transportation System Resilience to Climate Change and Extreme Weather

- Jan. 2016 TRB Annual Meeting

- Feb.-April 2016 TRB Conference
  - Winter Maintenance and Surface Transportation Weather + SIRWEC
Recommended Research Areas

• Best Practices for patrol yard design and operation
• Setting performance benchmarks appropriate to weather and climate
• Winter weather and transportation resilience
• Automated vehicle applications to improve safety of winter operations