Maintenance Operations

Brad Darr, ND
2016 Work Plan Accomplishments 1 of 1

Safety

• Promoted training of Traffic Incident Management Responders from SHRP2
2016 Work Plan Accomplishments 1 of 1

Asset Management

• Promoted performance measures accountability and transparency by implementing the findings of NCHRP and Clear Roads studies.
2016 Work Plan Accomplishments 1 of 1

Environmental

• Promoted the results of the revised Chapter 8 on Environmental Stewardship Practices, Procedures and Policies for Highway Construction and Maintenance (NCHRP 25-25)

• Promoted the Salt Best Management Practices
Workforce Development

• Presented preliminary report on new synthesis project relating to maintenance training and certification

• Investigated other maintenance operations technology transfer needs using interactive Computer-based Training

• Worked with TC3 to locate or develop new training materials
2016 Work Plan Accomplishments 1 of 1

Communication

• Completed planning for the 2015 Winter Maintenance Peer Exchange in MN, including committee participation

• Communicated with Aurora and Clear Roads
2016 Work Plan Accomplishments 1 of 1

Research

• Developed NCHRP research statement related to impact of winter maintenance LOS on economy (not selected but resubmitting)
2017 Work Plan 1 of 1

Safety

• Support FHWA’s EDC-3 Smarter Workzone Initiative

• Support FHWA’s EDC-4 Weather Savvy Roads Initiative

• Continue to support Traffic Incident Management Responder Training Initiative
2017 Work Plan 1 of 1

Asset Management

• Promote implementation of Clear Roads Best Practices Guidance on Corrosion Prevention for DOT Equipment
2017 Work Plan 1 of 1

Environmental

• Continue to seek out examples of winter maintenance practices and programs that demonstrate sustainability, and posting appropriate results on the Center for Environmental Excellence website
• Promote the use of FHWA’s Invest tool
• Promote APWA’s Sustainability in Public Works Conference
• Promote the use of the Salt Institute’s Safe and Sustainable Snowfighting Handbook.
2017 Work Plan 1 of 1

Workforce Development

• Continue to work and liaise with TC3 to locate or develop new training materials

• Support the update of the Maintenance Leadership Academy
2017 Work Plan 1 of 1

Communication

• Continue collaboration with Aurora and Clear Roads

• Solicit candidates to serve as liaisons between the SCOM and other committees, coalitions, and groups.

• Begin planning for the 5th Winter Maintenance Peer Exchange (2017)
2017 Work Plan 1 of 1

Research

• Support proposed Domestic Scan on Maintenance Facility Design Practices
Proposed Research

1. Factors Influencing State DOT’s in Systematically Setting and Managing Winter Maintenance Levels of Service

2. Making a Business Case for Winter Maintenance Actions including establishing the impacts of winter maintenance LOS on the economy

3. Very short duration work zone safety for maintenance activities