

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

2016 Work Plan Accomplishments 1 of 1

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**