

National Strategic Winter Maintenance Plan 2018-2020 Accomplishments

SI 2 - Performance Measures

Performance management of winter maintenance

Champions: Steve Lund, MN DOT & Caleb Dobbins, NH DOT

Promote performance management for winter maintenance

Performance measures for winter maintenance operations are crucial for internal management as well as transparency for the public and elected officials. There are a wide array of measures, however, the highly variable nature of winter weather and many different methods to measure performance have complicated the acceptance of universal winter maintenance performance measures. In many cases improving winter performance will have a measurable impact in overall system performance.

- NCHRP 14-34 Guide for Performance Measures in Snow and Ice Control Operations, project panel chaired by Caleb Dobbins (Project 889)
- Preparing Implementation project for NCHRP 14-34 findings to be submitted with support of AASHTO MaC Maintenance Operations TWG
- Collaborate with Clear Roads on Phase 2 of PM project - (CR may put this on the shelf)
- STWO Podcast episode 17: You can't manage what you don't measure with Steve Lund, MN DOT & Caleb Dobbins NH DOT
- Aurora projects 2020-0407 on friction modeling & project 2020-01 on addressing complex issues (blowing snow, ice, storm nuances) in weather indices for performance measurement
- Gathering information on the use of performance measures (i.e. MN DOT market research relative to S&I measure and targets)
- Monitoring the use of friction in performance metrics