

2018-20 National Strategic Winter Maintenance Plan
Adopted January 2018

Strategic Issue: 6 – Liquid chemical use in winter operations		
Description of the selected strategies	Liquid chemicals have proven to be a valuable tool in winter operations. Pre-wetting solids and direct application of liquids are effective in achieving desired levels of service under a variety of conditions from moderate to severe storms. ... <ul style="list-style-type: none"> - Case studies of best practice - NCHRP research project to ... - Clear Roads project ... 	
Champion	Kathy Ahlenius, TRB Surface Transportation Weather, WY DOT	
Cooperation with other organizations	<ul style="list-style-type: none"> - States with best practices. Wyoming, Iowa, Oregon, Utah... - Clear Roads (?) 	
Outputs		Schedule
Technical reports or summary document	- Case studies from states who have best practices - Summary document of findings	AASHTO Spring Meeting 2020
Articles for Publication		
AASHTO Conferences or other events	Present findings at TRB committee meetings (<i>what committees</i>)	
Other events	Webinar on best practices or model states	
Session at AASHTO Annual Meeting		
Remarks		

Strategic Initiative Activity

July 2018

Activity Update:

- Conducted a planning conference call to discuss the potential outputs and products for this SI. It was determined that since there was much work already completed in the application of liquids that a webinar or series of webinars to increase the winter maintenance community's awareness of materials already out there would be a good start. There will be a series of seminars presented at APWA events that could possibly be re-packaged and re-presented into a series of webinars on liquid use.
- Rick Nelson and Mark Devries met with APWA Executive Director Scott Grayson to discuss the opportunity of collaboration with APWA to use this material in a webinar.
- During the spring meeting of Clear Roads in Phoenix Rick Nelson recorded an interview with Jim Hughes of Wisconsin DOT on their Liquid Only Routes project that will be posted as an episode of SICOP Talks Winter Ops. (RN)

Future Work:

- Limits of liquids, liquid only routes, there are new advances in the use of liquids.
- How do liquids work?
- What sort of infrastructure you need to make it work?
- Cost / benefit and reduction in environmental loadings etc.?
- What's the new stuff happening?
- Move forward with at least 1 of the APWA liquid seminars as a webinar (Wilf does the 101 and Matt does the 301)

Webinars in 50-minute blocks is too long to get all the winter maintenance folk involved. We could do 10 minute YouTube's. We would need a script for the series. How do you handle the Q&A. Record a WebEx that has the Q&A. The content has to be managed, promoted,

Should have a conference call to continue to explore this product. Questions are basic through advanced.

February 2019

Met with the executive director of APWA regarding the use of materials presented in APWA seminars in a series of FAQ videos. The seminar material has been received and needs to be reviewed.