

2018-20 National Strategic Winter Maintenance Plan
Adopted January 2018

Strategic Issue: 5 – Weather responsive traffic management to improve mobility during weather events		
Description of the selected strategies	Weather is a significant contributor to non-recurrent congestion. Congestion during winter operations complicates the delivery of services as well as increased risk to motorists. <ul style="list-style-type: none"> - NCHRP research project to ... - Case studies of best practice ... - ... 	
Champion	Steve Cook, STSM&O Liaison, Michigan DOT Roemer Alfelor, FHWA Liaison, USDOT-FHWA-RWM	
Cooperation with other organizations	<ul style="list-style-type: none"> - STSM&O Committee - States with best practices. Oregon, Utah... - Aurora (?) 	
Outputs		Schedule
Technical reports or summary document	<ul style="list-style-type: none"> - Case studies from states who have best practices - Summary document of findings 	AASHTO Spring Meeting 2020
Articles for Publication	<i>Opportunity for an article in Routes Roads or Traffic Technology?</i>	
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	FHWA EDC-4 Weather Savvy Roads	

Strategic Initiative Activity

July 2018

Activity Update:

FHWA launched the EDC-5 Weather-Responsive Management Strategies initiative for the 2019-2020 period, which focuses on using mobile and connected vehicle data to support traffic management and winter maintenance during weather events. Traffic management strategies to be deployed, starting with pre-deployment activities (webinars, summits, deployment plan development) scheduled this summer/fall, include traveler information systems and traffic control. AASHTO also created a Community of Practice on Road Weather Management to promote the implementation of Road Weather Management (RWM) solutions including WRTM strategies that minimize weather impacts on transportation system operations to improve mobility, safety and reliability.

Future Work:

SICOP will be involved with EDC-5 to assist as applicable in deployment. This will be intertwined with other Sis like AVL and CAV. Need to see how this develops and there will be product and promotion opportunities.

IMRPC project with KC Scout fits under this SI. There are promotion opportunities although this falls within the TSMO world. There might be a report produced but not yet released.

The CV pilot in Wyoming will likely roll into EDC-5.

Winter weather messaging is important and is part of traveler info of the WRTM.

June 2019

There is workshop planned on Weather Responsive Management Strategies in concert with NOCoE and the recently formed Community of Practice on Road Weather Management that will provide a lot of overlap with this Strategic Initiative. This workshop was held in Salt Lake City in June 2019 with approximately 30 attendees. Several priority action items have been identified. There maybe opportunities to leverage that work into this strategic initiative.