SICOP – Winter Maintenance Technical Service Program
2015 - 2018
Purpose

Snow Ice Cooperative pooled fund Program
SICOP is AASHTO’s Winter Maintenance Technical Service Program
Been around since 1993
Created by AASHTO’s Board of Directors

Search out winter maintenance technologies at home and abroad
Evaluate them for appropriateness
Promote them to the US winter maintenance community

Provide coordination among the various winter maintenance organizations
Establishing a sustainable, systems approach to snow and ice control in the United States.
SICOP Steering Committee

- Representative from each AASHTO region
- TRB Winter Maintenance Chair
- TRB Surface Transportation Weather Chair
- American Public Works Association
- National Association of County Engineers
- Committee on Transportation System Operations
- FHWA Liaison
- AASHTO SICOP Coordinator
- At Large as appropriate
Member States

[Map of the United States with different states colored based on the number of years in the Winter Maintenance Technical Service Program: 1-year, 2-years, 3-years.

AASHTO SICOP – Winter Maintenance Technical Service Program]
Accomplishments

- Assist in planning TRB International Winter Maintenance Conference 2016
- Participated on NCHRP Project panel Performance Measures
- Contributed to NAS Consensus Study “Integrating Social and Behavioral Sciences Within the Weather Enterprise”
- Co-sponsored Winter Maintenance Peer Exchanges
- Snow and Ice List Serve
- Clearinghouse for winter maintenance research and activities
- Conducted surveys for member states
- Maintain International contacts through WRA Winter Service Technical committee participation
- Help support CoM and the Maintenance Operations TWG
TRB Paper Award

Maintenance and Preservation Section Impacts on Practice Award in Winter Maintenance & Surface Transportation Weather

- AKA - the “Lee Smithson Award”.... But we can’t name it that
- Top 3 papers recommended to the TRR from the Winter Maintenance and the Surface Transportation Weather Committees
- Nominations by March 15
- Certificate award presented at the committee meeting that sponsored the paper
National Strategic Winter Maintenance Plan

- Guidance from National Strategic Winter Maintenance Plan
- 3-year cycle of strategic issues from member states
- Steering committee members are champions for each issue

1: Explore optimal/adaptive snow plow route planning
2: Promote performance management for winter maintenance
3: Identify effective uses of Automated Vehicle Location (AVL) technologies for internal and external applications
4: Examine Connected and Automated Vehicle (CAV) technologies utilized in winter maintenance
5: Promote weather responsive traffic management to improve mobility and safety during weather events
6: Encourage liquid chemical use in winter operations
7: Evaluate winter operations techniques for use in moderate weather zones to improve resiliency
SICOP Talks Winter Ops

SICOP Podcast discussing a host of winter maintenance topics with experts in the field.

- 12 Episodes produced
- 1,184 All time plays
- 98 average plays/episode

- 86% North America
- 8% Europe
- 4% South America
- 2% Asia

Subscribe on iTunes or Google Play

http://SICOPTalksWinterOps.com
# Financials

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<tr>
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<th>FY 15</th>
<th>FY 16</th>
<th>FY 17</th>
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<tr>
<td><strong>Revenue</strong></td>
<td>132,000</td>
<td>140,000</td>
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<td><strong>Expense</strong></td>
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<td>Salaries</td>
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<tr>
<td>Supplies</td>
<td>3,139</td>
<td>2,535</td>
<td>1,689</td>
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<tr>
<td>Overhead</td>
<td>3,139</td>
<td>2,535</td>
<td>1,689</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>115,559</td>
<td>102,207</td>
<td>105,088</td>
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Outlook

- Champions will develop and produce products guided by the National Strategic Winter Maintenance plan
- Participate on NCHRP Project to update the AASHTO Snow and Ice Guide
- Continue to support the Winter Maintenance Peer Exchange
- Promote advances in technology
- Snow and Ice List Serve
- Clearinghouse for winter maintenance research and activities
- Produce episodes of SICOP Talks Winter Ops
- Explore opportunities to more actively support member states through reviews and technical assistance
- No increases in the voluntary contribution is anticipated
Resources

SICOP: www.SICOP.transportation.org
SICOP Talks Winter Ops podcast: www.SICOPTalksWinterOps.com
SICOP winter maintenance news: www.facebook.com/aashtosicop

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Thanks for your attention

Steve Lund
MN DOT
SICOP Chairman

Rick Nelson
AASHTO
SICOP Coordinator