

RWM STAKEHOLDERS MEETING

Albuquerque, NM

TRB AHD65 - COMMITTEE ON WINTER MAINTENANCE

“Sharing what we’re working on!”

Charles C. Goodhart

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TRB AHD65 - COMMITTEE ON WINTER MAINTENANCE

SCOPE: The committee promotes research that will provide winter maintenance professionals with current and reliable information for effective procurement and implementation of materials, technologies and processes for controlling snow and ice on highways.

TRB AHD65 - COMMITTEE ON WINTER MAINTENANCE

SCOPE (CON): The committee does this by promoting and facilitating research, technology transfer and education in technical areas that impact winter maintenance operations. Subjects that are important to the committee include: physical properties, geographical distribution and management of winter precipitation (frost, ice, snow, fog) and frozen ground, and their impact on road safety, traffic flow and traffic control; the management of winter maintenance forces through performance measures and standards of service; storage of winter materials and their environmental impacts; mobile and road-based equipment for monitoring and controlling snow and ice accumulation.

TRB AHD65 - COMMITTEE ON WINTER MAINTENANCE

Chair

Mr. Max S. Perchanok

**Research Coordinator, Design and Contract Standards
Office, Ontario Ministry of Transportation**

Email: Max.Perchanok@ontario.ca

Secretary

Mr. Joseph Brett Althouse

Sr. Technical Service Specialist

Occidental Chemical Company

Email: Joseph_Althouse@oxy.com

TRB Staff Representative

Frank N. Lisle - flisle@nas.edu

TRB AHD65 - COMMITTEE ON WINTER MAINTENANCE

Committee Members

- **28 Members**
- **4 Foreign Countries**
- **2 Municipal Public Works**
- **5 State DOT**
- **1 Thruway Authority**
- **6 Private Sector Industry**
- **8 University/Academia**
- **2 FHWA**

Committee Website:

<http://sites.google.com/site/trbcommitteeahd65/>

TRB AHD65 - COMMITTEE ON WINTER MAINTENANCE

Subcommittees (Nine Subcommittees formed in 2011)

- **Blowing / Drifting Snow and Avalanche Control**
- **Cost/benefit Analysis of Winter Ops and New Technology**
- **Frost Heave, Spring Load Restriction, Winter Weight Premium**
- **Road Condition Monitoring/Measurement and Forecasting**
- **Service Delivery Approaches**
- **Snow Clearing Equipment**
- **Snow Control Chemicals**

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Subcommittees

- **Training and Certification**
- **Winter Maintenance Methods and Performance Standards, Guidelines and Rules of Practice, BMPs**



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Subcommittees

Purpose and Scope of the AHD65 Subcommittees:

- Liaise with other groups having similar interests to AHD65 such as TRB Committees, Pooled-Fund groups, EU-PIARC or COST groups, Industry Associations, Transportation Association of Canada, etc. and report briefly on their activities at our Committee's Annual Meeting.
- Periodically prepare twitter-like updates or web links on ongoing research in the subject area, that can be posted on our TRB Homepage Discussion Forum and possibly linked in the future to the AURORA/ClearRoads Wikipedia site.
- Prepare Research Need Statements for Synthesis Topics or full NCHRP research prior to the Committee's Annual Meeting, lead discussion and submit to TRB or NCHRP following the meeting.

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NCHRP SYNTHESIS TOPICS SUBMITTED FEBRUARY 2011

- **Reducing Risks From Blowing and Drifting Snow and Avalanches Using Simulation & Forecast Models – Max Perchanok**
- **Advance in Implementation of Seasonal Load Restrictions on Frost Susceptible Roads – Max Perchanok**
- **Managing the Impact of Winter Operations on the Durability and Preservation of Impervious and Pervious Pavements – Xiaming Shi**
- **Synthesis of Service Levels and Performance Measures for Winter Maintenance – Dave Bergner**
- **Snow and Ice Control for Parking Lots and Sidewalks – Liping Fu**

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NCHRP SYNTHESIS TOPICS SUBMITTED FEBRUARY 2011

- Improving Winter Road Maintenance Operations with ITS – Torgier Vaa
- ITS Connectivity Standards – Torgier Vaa
- Regional Adaption in Winter Maintenance for Climate Change – Noriyuki Sato
- Reducing the Effects of Roadway Deicers on the Natural Environment – Tony Myra *(Selected/Funded Topic)*

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**Thank You and are there any
questions?**

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