

# Transportation Infrastructure Group (AK) Highway Maintenance Section (AKR)

## **Maintenance and Operations Management Committee (AKR10)**

Tuesday, Jan 07, 2025 1:30PM - 5:30PM, George Washington University (M1) / Marriott Marquis

Scope: This Committee is concerned with all aspects of managing the maintenance and operations of highway transportation facilities including the management, development, and training of maintenance personnel; and the management of the environmental impacts of highway maintenance

Chair: Rob Zilay [rzilay@dyemanagement.com](mailto:rzilay@dyemanagement.com)

## **Roadside Maintenance Operations Committee (AKR20)**

Tuesday, Jan 07, 2025 8:00AM - 12:00PM, Magnolia (Mezz) / Marriott Marquis

Scope: This committee's concerns involve roadside maintenance practices, operations, methods, materials and equipment, exclusive of traffic control devices, leading to a realistic balance between safety, aesthetics, service, conservation of capital, preservation of the original investment and with guidance for planners, designers, construction and maintenance personnel.

Chair: Ken Murray [kenneth.murray@dot.ca.gov](mailto:kenneth.murray@dot.ca.gov)

## **Maintenance Fleet and Equipment Committee (AKR30)**

Tuesday, Jan 07, 2025 1:30PM - 5:30PM, Marquis Salon 1 (M2) / Marriott Marquis

Scope: This committee is concerned with all aspects of equipment fleet asset management from replacement planning and acquisition; through in-service maintenance and fueling; to end of life-cycle disposal. The focus of the committee is to stay abreast of changes in the industry related to technology, regulation, environmental stewardship, asset management principles, and innovative practices. The committee facilitates research and communication of these issues to members so that highway equipment fleet managers can better support the cost effective and productive delivery of highway infrastructure maintenance activities.

Chair: Henry Canipe [henry.canipe@mottmac.com](mailto:henry.canipe@mottmac.com)

**Winter Maintenance Committee (AKR40)**

Monday, Jan 06, 2025 1:30PM - 5:30PM, Magnolia (Mezz) / Marriott Marquis

Scope: This committee is concerned with effective and responsible selection and implementation of materials, technologies, and processes for controlling snow and ice on transportation infrastructure.

Chair: Anna Arvidsson [anna.arvidsson@vti.se](mailto:anna.arvidsson@vti.se)

**Road Weather Committee (AKR50)**

Tuesday, Jan 07, 2025 1:30PM - 5:30PM, Magnolia (Mezz) / Marriott Marquis

Scope: This committee will provide a forum promoting the exchange of information on the effects of weather on surface transportation both within and between the transportation and meteorological communities. The committee's objective is to shape future research and technology transfer to further understand road weather, with the ultimate goal of minimizing the impacts of weather on the surface transportation system, especially with respect to safety and mobility.

Chair: Paul Pisano [paul@allealle.com](mailto:paul@allealle.com)

# Transportation Infrastructure Group (AK) Infrastructure Management and System Preservation Section (AKT)

## **Pavement Management Systems Committee (AKT10)**

Monday, Jan 06, 2025 8:00AM - 12:00PM, George Washington University (M1) / Marriott Marquis

Scope: This committee is concerned with the development, evaluation, integration and application of pavement management systems for all pavement types. Areas of interest include the understanding and characterization of pavement performance, as well as the interrelationships among factors that must be analyzed in making pavement management decisions at both the network and project levels, including budgetary constraints, traffic loads, environmental considerations, strategy alternatives, life-cycle economics, construction and maintenance.

Chair: Amy Simpson                      [amy.simpson@wsp.com](mailto:amy.simpson@wsp.com)

## **Pavement Preservation Committee (AKT20)**

Tuesday, Jan 07, 2025 8:00AM - 12:00PM, George Washington University (M1) / Marriott Marquis

Scope: This committee is concerned with identifying and promoting the proactive use of cost-effective treatments to extend the life of existing pavements through research, education activities, and discussions among practitioners, researchers and industry representatives. The committee identifies, promotes and supports research that quantifies the impact of preservation activities, identifies their optimal pavement condition and application timing, quantifies performance outcomes, and quantifies and documents the benefits of pavement preservation to the transportation roadway infrastructure.

Chair: Dingxin Cheng                      [dxcheng@csuchico.edu](mailto:dxcheng@csuchico.edu)

## **Pavement Maintenance Committee (AKT30)**

Monday, Jan 06, 2025 1:30PM - 5:30PM, George Washington University (M1) / Marriott Marquis

Scope: This committee is concerned with all aspects of routine and reactive maintenance of both asphalt and concrete pavements, including their deterioration and the subsequent means and methods used to treat the resulting deficiencies.

Chair: Andrew Braham                      [afbraham@uark.edu](mailto:afbraham@uark.edu)

**Structures Maintenance Committee (AKT40)**

Monday, Jan 06, 2025 8:00AM - 12:00PM, Marquis Salon 1 (M2) / Marriott Marquis

Scope: This committee is concerned with maintenance of transportation structures including bridges, culverts, high-mast lights, sign structures and retaining walls. The committee emphasizes maintenance materials, actions and decisions related to structural coatings, corrosion of metals, underwater inspection and repair, and structural health monitoring.

Chair: Richard Dunne [rdunne@gpinet.com](mailto:rdunne@gpinet.com)

**Bridge and Structures Management Committee (AKT50)**

Monday, Jan 06, 2025 1:30PM - 5:30PM, Marquis Salon 1 (M2) / Marriott Marquis

Scope: This committee is concerned with identification, development, evaluation and implementation of cost-effective programmatic optimal strategies for the comprehensive management of highway bridges and structures. It is concerned with identifying critical data needs, performance measures, and vulnerability assessments for their effective lifecycle cost analysis and management, and communicating the findings to decision makers to take appropriate actions for the design, construction, maintenance, preservation, rehabilitation, functional improvement and replacement of highway bridges and other structures.

Chair: Anne Rearick [arearick@indot.in.gov](mailto:arearick@indot.in.gov)

**Bridge Preservation Committee (AKT60)**

Tuesday, Jan 07, 2025 8:00AM - 12:00PM, Marquis Salon 1 (M2) / Marriott Marquis

Scope: This committee is concerned with research, methods and tools that can extend the useful life of bridges through preservation treatments, and design and construction practices. The committee advances bridge preservation research and provides a forum for practitioners, academia and industry to share information on preservation needs and emerging topics in bridge preservation.

Chair: Michael Brown [MBrown@wje.com](mailto:MBrown@wje.com)

**Maintenance Management Systems Committee (AKT70)**

Monday, Jan 06, 2025 10:15AM - 12:00PM, Magnolia (Mezz) / Marriott Marquis

Scope: The committee will be concerned with all topics that have historically been associated with maintenance management systems (MMS) used in the management of the highway transportation infrastructure. These topics are specifically related to the software systems but include research into the processes and technologies that support and are supported by maintenance management systems. The committee is therefore focused management tools and technologies that support maintenance management.

Chair: Charles Pilson [charles.pilson@mottmac.com](mailto:charles.pilson@mottmac.com)