

Safety and Operations Group (AC) Operations Section (ACP)

Standing Committee on Regional Transportation Systems Management and Operations (ACP10)

Tuesday, Jan 07, 2025 1:30PM - 5:30PM, Marquis Salon 7&8 (M2) / Marriott Marquis

Scope: This committee is concerned with regional transportation systems management to maximize transportation system performance in metropolitan areas, including coordinated and integrated decision-making approaches to operations and the harmonization of operations with planning, construction, preservation, and maintenance of transportation facilities.

Chair: Nikola Ivanov

ivanovn@umd.edu

Standing Committee on Intelligent Transportation Systems (ACP15)

Monday, Jan 06, 2025 8:00AM - 12:00PM, Marquis Salon 6 (M2) / Marriott Marquis

Scope: This committee is concerned with ITS systems-level issues. Such issues include conceptual system planning and design, integration of technologies and approaches from various sub-disciplines within ITS, applications to all modes of ground transportation and to facilitate intermodal integration, and evaluation of the overall impacts of ITS on the developers, users, and operators of all parts of the ground transportation system. Activities focus on the broad planning, policy, economic, social, technological, and institutional aspects of the development and implementation of ITS. The Committee also facilitates coordination of ITS- related issues with other standing committees of TRB.

Chair: Jon Obenberger

jon.obenberger@dot.gov

Standing Committee on Freeway Operations (ACP20)

Tuesday, Jan 07, 2025 8:00AM - 12:00PM, Marquis Salon 9 (M2) / Marriott Marquis

Scope: This committee is concerned with the operational aspects of freeway corridors which affect traffic carrying capacity, operating costs, energy conservation, air quality and motorists' convenience and safety.

Chair: Jeffrey Adler

jeff.adler@kapsch.net

Standing Committee on Traffic Signal Systems (ACP25)

Monday, Jan 06, 2025 1:30PM - 5:30PM, Marquis Salon 6 (M2) / Marriott Marquis

Scope: This committee is concerned with provision of the safe and efficient movement of people and goods on surface streets through the use of traffic management systems. The scope includes system design, implementation, operations, and maintenance; development of traffic operations centers; development of traffic management strategies; integration and operational evaluation of surface street systems with freeway, traveler information, and transit systems; and incorporation of surface street systems into Intelligent Transportation Systems (ITS).

Chair: Edward Smaglik Edward.smaglik@nau.edu

Standing Committee on Vehicle-Highway Automation (ACP30)

Tuesday, Jan 07, 2025 8:00AM - 12:00PM, Marquis Salon 7&8 (M2) / Marriott Marquis

Scope: This committee is concerned with the development, application, and operation of driver assistance and automated control to the vehicle and highway system. The scope includes all forms and levels of control ranging from driver assistance systems operating on existing streets and highways to full vehicle control systems operating on freeway type and/or dedicated lane facilities. It further includes systems that support specialized highway related functions including maintenance, fleet operations, and similar applications. The emphasis is on control systems that will enhance user safety, system efficiency, and operational performance while providing for increased convenience and trip quality to the highway user.

Chair: Jane Lappin janelappin@gmail.com

Standing Committee on Managed Lanes (ACP35)

Wednesday, Jan 8, 2025 8:00AM - 12:00PM, Marquis Salon 6 (M2) / Marriott Marquis

Scope: This committee is concerned with the evolving role of high-occupancy vehicle, high-occupancy toll, and managed lanes in response to the challenges of congestion, energy consumption, and climate change. The committee examines methods for enhancing person throughput, energy conservation, air quality, and user choices and safety through the optimization of preferential lanes, priority treatments, and other supporting systems for bus transit, carpooling, and vanpooling. The committee's activities focus on the planning, design, operation, pricing, and evaluation of preferential lane facilities and on the development, validation, and dissemination of theoretical, experimental, and applied research related to preferential lanes.

Co-Chair: Micahael Davis

michael.davis2@rsandh.com

Co-Chair: Dan Lamers

dlamers@nctcog.org

Standing Committee on Highway Capacity and Quality of Service (ACP40)

Monday, Jan 06, 2025 8:00AM - 12:00PM, Marquis Salon 7&8 (M2) / Marriott Marquis

Scope: This committee is concerned with relationships among those physical and non-physical factors which are found to affect capacity, traffic flow, comfort, convenience, and safety; measurement techniques for obtaining data for these factors; and acceptable standards of service in terms of measurable characteristics.

Chair: Bastian Schroeder

bschroeder@kittelson.com

Standing Committee on Traffic Flow Theory and Characteristics (ACP50)

Monday, Jan 0+6, 2025 1:30PM - 5:30PM, Marquis Salon 7&8 (M2) / Marriott Marquis

Scope: This committee is concerned with the development, validation, and dissemination of theoretical, experimental, and applied research on traffic flow theory and traffic flow characteristics and the determination of the relationship of traffic flow theory and traffic flow characteristics to the planning, design, and operation of transportation systems.

Chair: Ludovic Leclercq

ludovic.leclercq@univ-eiffel.fr

Standing Committee on Traffic Control Devices (ACP55)

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

Scope: The committee is concerned with all aspects of traffic control devices, including materials, installation, operational characteristics, maintenance, service life, human factors, and the effects of such devices on road safety and traffic operations. Applicable devices of interest to this committee include traffic signs, pavement markings/markers, delineators, channelizing devices, traffic signals, and work zone treatments, including barricades.

Chair: Melisa Finley

m-finley@tti.tamu.edu

Standing Committee on Access Management (ACP60)

Wednesday, Jan 8, 2025 8:00AM - 12:00PM, Marquis Salon 9 (M2) / Marriott Marquis

Scope: The committee will share the latest knowledge, expertise, and experience to facilitate leadership and partnerships to advance the state-of-the-practice in access management and its integration into established planning, policy, and design processes.

Chair: Grant Schultz

gschultz@byu.edu

Standing Committee on Highway Traffic Monitoring (ACP70)

Monday, Jan 06, 2025 1:30PM - 3:15PM, Marquis Salon 12 (M2) / Marriott Marquis

Scope: This committee is concerned with all aspects of research in the fields of highway traffic monitoring, including detection, counting, classification, and in-motion weighing of highway vehicles. Its scope encompasses the full range of monitoring technology, including traffic sensors, installation materials and techniques, signal processing algorithms, analysis and reporting techniques, and comprehensive monitoring programs targeting both motorized and nonmotorized (or micromobility) traffic. Further, the scope includes, but is not limited to, alternative sources of data such as probe and connected and autonomous vehicle data focusing on the analysis, use, and applications of these datasets in highway traffic monitoring.

Chair: Ioannis Tsapakis

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Standing Committee on Traffic Simulation (ACP80)

Wednesday, Jan 8, 2024 8:00AM - 12:00PM, Marquis Salon 7&8 (M2) / Marriott Marquis

Scope: The committee is concerned with the development, validation/calibration, application, and understanding and utilization of traffic simulation in support of the transportation system analysis and decision-making processes at local, regional, state, and national levels. The scope includes the use of different spatial and temporal levels of highway traffic simulation for the estimation and prediction of various performance metrics. This use of simulation considers the availability of data from multiple sources, impacts of emerging vehicle technologies and traffic management systems, and the interactions of general vehicular traffic with various modes of transportation including but not limited to heavy vehicles, transit vehicles, bicyclists, and pedestrians.

Co-Chair: Mohammed Hadi

hadim@fiu.edu

Co-Chair: Sanhita Lahiri

sanhita.lahiri@vdot.virginia.gov