

Transportation Infrastructure Group (AK)

Design Section (AKD)

Performance Effects of Geometric Design Committee (AKD10)

Tuesday, Jan 07, 2025 1:30PM - 5:30PM, Marquis Salon 4 (M2) / Marriott Marquis

Scope: This committee is concerned with all aspects of geometric design for components of the roadway system, with emphasis on research to inform geometric design policies, guidance and best practices. The Committee scope includes the development of frameworks, methods and tools to support performance-based geometric design approaches that speak to measurable performance outcomes such as road user safety and operational quality of service.

Chair: David McDonald

dmcDonald@hanson-inc.com

Roadside Safety Design Committee (AKD20)

Tuesday, Jan 07, 2025 1:30PM - 5:30PM, Marquis Salon 3 (M2) / Marriott Marquis

Scope: This committee is concerned with the development of forgiving highway roadsides through countermeasures, safety hardware, and features that will reduce the number and severity of roadway departure crashes and optimize the safety benefit to the traveling public.

Chair: James Kovar

j-kovar@tti.tamu.edu

Low-Volume Roads Committee (AKD30)

Monday, Jan 06, 2025 8:00AM - 12:00PM, Scarlet Oak (Mezz) / Marriott Marquis

Scope: This committee is concerned with all aspects of low-volume roads including planning, design, construction, safety, maintenance, operations, environmental, and social issues.

Chair: Laura Fay

laura.fay1@montana.edu

Landscape and Environmental Design Committee (AKD40)

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

Scope: This committee is concerned with design parameters that relate to protecting, conserving, restoring, and enhancing safe, sustainable, and livable transportation systems, facilities, and their associated environments.

Chair: Wilson McBurney

wmcburney@moffattnichol.com

Hydrology, Hydraulics, and Stormwater Committee (AKD50)

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

Scope: This committee is concerned with hydrology, hydraulics and stormwater as they pertain to transportation systems. This includes design methods, procedures, and processes for constructing, operating, and maintaining hydraulically efficient, environmentally sound, resilient transportation facilities; addressing runoff pollutants, methods for managing stormwater volume and flow, and methods for improving water supply and stormwater quality; and keeping in mind public safety for roadway drainage, stream crossings, and scour protection systems for highway and railroad structures and embankments.

Chair: Michael Perez map0032@auburn.edu

Utilities Committee (AKD60)

Monday, Jan 06, 2025 3:45PM - 5:30PM, Scarlet Oak (Mezz) / Marriott Marquis

Scope: This committee is concerned with the interrelationship between transportation systems and utilities.

Chair: Roy Sturgill sturgill@iastate.edu

Geospatial Data Acquisition Technologies Committee (AKD70)

Wednesday, Jan 08, 2025 8:00AM - 12:00PM, Scarlet Oak (Mezz) / Marriott Marquis

Scope: This committee is concerned with applications of high accuracy geospatial data acquisition technologies in support of the digital infrastructure for design and construction of transportation facilities.

Chair: Wei Johnson johnsonwh@scdot.org

Roundabouts and Other Intersection Design and Control Strategies Committee (AKD80)

Wednesday, Jan 8, 2025 3:45PM - 7:30PM, Marquis Salon 3 (M2) / Marriott Marquis

Scope: This committee is concerned with all factors encompassing the planning, design and safe operation of modern roundabouts. Focus is on current issues, research dissemination and future research needs. We serve as a forum for discussions about roundabout research, projects, policy, and practices for all interested stakeholders. We identify research needs and prepare problem statements. We facilitate the exchange of research knowledge by various media, meetings, webinars and conferences.

Chair: Hillary Isebrands Hillary.isebrands@dot.gov