

Responsible Committee	Volunteer Project	Project Objective / Description
Active Transportation Integrated Committee	Unsignalized crossings for pedestrians and cyclists	Synthesize emerging practices for safe road crossings other than at traffic signals
	Sidewalk/Cycle track delineation methods	Summarize research on midblock delineation methods between bicycle paths and adjacent sidewalks. Key considerations include: <ul style="list-style-type: none"> • Detectability by people using guidance tools such as white canes or guide dogs • Subconscious detectability by sighted people • Impacts on maintenance (e.g. snow clearance) • Tripping hazards (for both pedestrians and cyclists)
	Bike lane barriers on bridges	Report outlining options for bike lane barriers on bridges
Asset Management Committee	Guide for creating transportation asset management plans	Develop a report that outlines steps to create a transportation asset management plan
	Asset practitioners registry	Survey jurisdictions to identify asset classes and asset class owners from other jurisdictions
Construction Committee	Utility coordination guidelines update	Update of the two utility coordination guides to align with new ASCE 38-22 and ASCE 75-22
	Underground utility installations crossing highways	Review guidelines for underground utility installations crossing highways
Digital Applications Committee	Digital twinning	Information on structural and governance issues around digital twins
Education Committee	Lab assignments for big data and analytics	Compilation of practical assignments to help students learn about the management of large data streams and advanced software tools
Environmental Issues Committee	Invasive species management	Develop a synthesis of best practices resource for prevention activities that are viable and realistic to implement by transportation agencies
	Standardizing the measurement of wildlife crossing structures	Assess and create uniformity of methods to measure wildlife crossing structures. Create inventory of wildlife crossings in Canada.
Geometric Design Committee	Update to <i>Geometric Design Guide for Canadian Roads - Chapter 10, Interchanges</i>	Update to address interchange types and evaluation, low-cost access management, urban interchanges, ramp terminals and active modes
ITS Committee	Rural ITS primer	Provide insights into the planning, design, implementation and management of rural ITS, including case studies
Maintenance & Operations Committee	Benchmarking winter maintenance practices	Survey of jurisdictions
Pavements Committee	Pavement condition benchmarking	In progress

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Road Safety Committee	Application of traffic conflict technique for in-service road safety reviews	Work is ongoing
	Effects of aging and gender on fatal and injury crashes	A primer on the effects of age and gender on crash patterns, injury severities, and other outcomes from the literature review to share with municipalities and/or to be considered while implementing countermeasures and the Safe System approach
	Micromobility and road safety	Explore practices related to micromobility, and identify safety risks and mitigation measures
	Pedestrian safety at signalized intersections	Primer outlining primary pedestrian safety concerns and strategies at intersections
	Multi-disciplinary challenges related to pedestrian and cyclist design	Primer to outline the challenges related to pedestrian and cyclist design
Soils and Materials Committee	Use of warm mix asphalt in Canada	Prepare a discussion paper on current practices for use of warm mix asphalt
Technology Council	Data harmonization framework for road authorities	Discussion paper on challenges and opportunities for harmonizing parameters of key road authority datasets
Traffic Operations & Management Committee	Alternate Keep Right Sign	Review options for comprehension testing for incorporation into the MUTCDC
	Red and green arrow signal display	Investigate use of Red Arrow display at existing signalized intersections a guidance for application of the Green Arrow display
	Use of traffic signals for speed management	Examine applicability of traffic control signals for the purpose of speed management
	Mini-roundabout signs and markings	Review options for comprehension testing for incorporation into the MUTCDC
	Non-standard crosswalk pavement markings guidance	Provide clear direction in the MUTCDC for practitioners with respect to the use of non-standard colours/shapes for pavement markings at crosswalks
	Warrant for traffic signals at intersections in close proximity to railroad grade crossings	Review practices for incorporation of guidance into the MUTCDC
	Various traffic control device application and development projects	