

Concrete Ontario & CAC Concrete Pavement Seminar

Dates: February 21-22, 2023
Location: Living Arts Centre – Mississauga Room
 4141 Living Arts Dr, Mississauga, ON

Cost: 1 Day: \$75+HST
 2 Day: \$125+HST

Day #1:

Time	Topic	Speaker(s)
8:00-8:30	Registration and Coffee	All
8:30-8:50	Welcome and Introduction	Alen Keri
8:50-9:50	Concrete Pavements 101 (Provides a background on concrete pavements, including pavement components / load transfer, key properties (strength, air entrainment), pavement types and sustainable benefits)	Tim Smith
9:50-10:20	Sustainable Low Carbon Concrete and Benefits (EPDs, etc.)	Alen Keri
10:20-10:35	Break	
10:35-12:00	Basics of Construction (Provides a high-level overview of the construction process (i.e. site preparation, paving options, mixing, transporting, placing, finishing, curing, and dowel bar alignment. Sources of potential problems caused during construction are also discussed.)	Tim Smith
12:00-12:45	Lunch	
12:45-1:15	Basics of Maintenance & Preservation (Outline Maintenance Activities and Preservation Treatments for concrete pavements, best available resources for detailed repair methods.)	Mark Popik
1:15-2:45	Concrete Overlays – Provides an overview of the basics of concrete overlays including different types (bonded and unbonded), candidate selection, thickness design, construction considerations, and reviews examples of several different overlay projects.	Mick Prieur
2:45-3:00	Break	
3:00-4:00	Case Studies <ul style="list-style-type: none"> Overlays (Spragues Road, Auckland, Bloor Street West, Jameston Avenue) Municipal turning lanes, intersections, parking lots and roundabouts 	Mick Prieur
4:00-4:20	Overview of MTO's Concrete Pavement History – "Where we have been, where are we now and where are we going."	Stephen Lee
4:20-4:30	Closing Remarks (Concrete Ontario)	

Day #2:

Time	Topic	Speaker(s)
8:00-8:30	Registration, Coffee and Introduction	Alen Keri
8:30-9:15	Concrete Design Details (Importance of design details, including overview of jointing considerations, dowel and tie bar usage and effect on thickness design)	Mark Popik
9:15-9:45	Concrete Pavement Thickness Design (Overview of design basics, evolution of design practices, design software available and their applicability and variability)	Tim Smith
9:45-10:00	Break	
10:00-11:00	Introduction to pavement software with design examples <ul style="list-style-type: none"> • WinPas12 • StreetPave12 • PavementDesigner.org 	Tim Smith
11:00-12:00	AASHTOWare Pavement ME Software Introduction	Mark Popik
12:00-12:45	Lunch Break	
12:45-4:00	Live walkthrough of design examples followed by hands-on thickness design problem solving and question and answer session.	Tim Smith/Mark Popik & Mick Prieur
4:00-4:10	Closing Remarks (Concrete Ontario)	Alen Keri