



Annual Concrete Pavement Workshop

Thursday, February 29, 2024



Breakout Session #1 (11:00 am)

Materials
Quality Control

CDOT’s shift to Compressive Strength Testing & the additional QC Requirements
Ryan Zoetewey, CMT Technical Services

National Concrete Pavement Technology Center’s Guide to Quality Control
Jerod Gross, P.E., representing CPTC

Design & Construction
Opening to Traffic

A new look at strength requirements for opening concrete pavements to traffic
Matt Zeller, P.E., Concrete Paving Association of Minnesota

REBEL Sensor: Real-time concrete strength monitoring without maturity curve
Rui He, Purdue University

Airports
Design & Construction

Everything Concrete Pavement for Airports! Resolving conflicts within the specifications & new specifications coming soon
Harold Honey, P.E., PMP, FAA (Virtual)

Airport Research – Ongoing & Upcoming Projects
Leif Wathne, P.E., CPTC

Breakout Session #2 (1:15 pm)

Materials
Advancements in Concrete Mixtures

Impacts of changing cement chemistry with Portland Limestone Cement (PLC) & addressing admixture combinations
Anne Miller, GCC
Ken Campbell, Master Builders

Specifying rapid strength gain mixes for durability
Matt Ross, P.E., CTS Cement

Design & Construction
Smoothness

CDOT’s New Smoothness Specification for 2024
Eric Prieve, P.E., CDOT

Achieving Concrete Pavement Smoothness
Matt Fonte, Fonte & Co

Measuring Concrete Pavement Smoothness
Adam Kohake, SSI

Sustainability
Life Cycle Assessment (LCA)

Components of an LCA for Pavements
Eric Ferreebe, P.E., ACPA

Demonstration of MIT CS Hub’s Pavement LCA Tool
Hessam AzariJafari, PhD, MIT Concrete Sustainability Hub

Airports
Rehabilitating Concrete Pavement

Accelerated Runway Rehabilitation at DEN
Kathryn Stevens, P.E., ENV SP, V-1 Consulting
Brandon Bates, P.E., Millstone Weber

Grinding & Regrooving Airfield Pavements
Larry Scofield, P.E., IGGA