ACPA

2020 Annual Meeting
February 27, 2020

PROGRAM

08:00 – 08:30… Opening and welcoming remarks … Dr. Michael Ayers, Executive Director, Illinois Chapter, Inc., ACPA and Mr. Rick Sniegowski, Chairman of the Board, ILACPA

08:30 – 09:00 … Status of the Capital Improvement Program … Mr. Douglas E. House, Deputy Secretary, Illinois Department of Transportation

09:00 – 9:45… National Concrete Pavement Industry Update and Vision 2040, Gerald F. Voigt, PE, President & CEO, American Concrete Pavement Association

    Transformational change is underway, and as a forward-thinking organization, ACPA is preparing for the future. Mr. Voigt will present an exciting and bold vision for concrete pavement and its role in the rapidly changing world around us, including important considerations for Illinois.

09:45 – 10:00 … Break

10:00 – 10:20 … Partnering, Following the Funds, Executing Vision 2020 DESIGN WITH CONCRETE … Mr. Jim Randolph, Executive Director, Illinois Ready Mix Concrete Association

10:20 – 11:10 … Moving to IRI: from research to new specifications… Dr. William Vavrik, P.E., Vice President and Principal Engineer, Applied Research Associates

    Smoothness is critically important to our customer and our funding source. The characteristic of roads that is most felt by our customers is the smoothness of the road. Additionally, the funding source for much pavement construction is the federal government, who mandates the measurement of smoothness of roads that they fund on a regular basis. The international roughness index (IRI) is the standard for measuring pavement smoothness. In Illinois, we are not currently using IRI to measure at time of construction. In moving to an IRI standard, IDOT is conducting research on what is the appropriate level of smooth required and what does that mean for contractors and roadway construction cost.

11:10 – 12:00 … Enhancing concrete pavement durability and sustainability … Mr. Radi Al-Rashed, President and CEO, International Chem-Crete Co. and Mr. Mark Chew, VP Sales & Marketing US and Canada, ICC Distribution Group.

    Concrete durability and sustainability are key considerations in realizing the potential of long-life, low maintenance and cost-effective concrete pavements and structures. This presentation will focus on a proven and highly effective crystalline technology to improve the freeze-thaw, ASR and chloride resistance of concrete.
12:00 - 1:00 ... Lunch (provided)

1:00 – 1:50 ... Electronic record keeping for construction inspection in Louisiana ... Tyson Rupnow, Ph.D., P.E., Associate Director, Research, Louisiana Transportation Research Center

    This presentation will cover the basics of e-construction inspection. Results will be discussed pertaining to LADOTD’s pilot program utilizing HeadLight, an E-Construction Inspection tool. The results of the overall research project will be detailed, including the potential effects on productivity, contractor-agency relations, engineer-inspector relationships, accountability, and claim mitigation. The study conclusions will be detailed and the implementation of the e-construction inspection technology will be discussed.

1:50 – 3:15 ... Performance Engineered Mixes (PEM) ... Dr. Peter Taylor, P.E., Director, CP Tech Center

    How do we make better concrete – and how do we know we succeeded? These are the questions that will be discussed in this session – including a review of the factors that make concrete good and how they can be quantified. We will also look at some of the data and reports being received from agencies and contractors that have been investigating this approach.

3:15 – 3:30 ... Closing Remarks ... Mr. Rick Sniegowski, Chairman of the Board, ILACPA

3:30 ... Adjourn