

2018 MUNICIPAL STREETS SEMINAR

For public works directors, engineers, street superintendents, maintenance personnel, consultants, city administrators, and elected city officials.

November 14, 2018 – Scheman Building (Rooms 220-230)

Iowa State University, Ames, Iowa

National Concrete Pavement
Technology Center

IOWA STATE UNIVERSITY
Institute for Transportation



- ▶ Enhanced Deliverables and the Digital Jobsite
 - ▶ PCC Rehabilitation US 30 Denison, Iowa
- ▶ Innovations in Concrete Pavement
 - ▶ Iowa Pavement Management
- ▶ Iowa City Gateway Project
 - ▶ New Design Tools for Concrete Streets and Parking Lots

7:30 **Registration, Continental Breakfast** – Moderator, Jerod Gross, representing the CP Tech Center

8:15 **Introduction & Welcome**, CP Tech Center

8:30 **Enhanced Deliverables and the Digital Jobsite** – Gabe Nelson, Snyder & Associates, Inc.
Gabe will discuss the benefits of 3D model based design, electronic deliverables, and how construction inspection changes when automated machine guidance and stringless paving is used on a jobsite.

9:15 **PCC Rehabilitation US 30 Denison, Iowa** – Shane Tymkowicz, Iowa DOT & Mark Rhinehart, Iowa Civil Contracting
The discussion will include project development, design and construction of a 4 lane urban section in Denison, Iowa. The project included a mix of partial depth and full depth repairs, dowel bar retrofit and diamond grinding.

10:15 **BREAK**

10:30 **Innovations in Concrete Pavement** – Seyedhamed Sadati, CP Tech Center
Hamed will give an overview of the research taking place at the CP Tech Center including surface sealers, fiber reinforced concrete and internal curing.

11:15 **Iowa Pavement Management** – Inya Nlenanya, Institute for Transportation, Iowa State University & Jeff Nash, City of West Des Moines
This discussion will include an overview of the Iowa Pavement Management Program and the City of West Des Moines' program.

12:15 **LUNCH**

1:00 **Iowa City Gateway Project** – Jason Havel, City of Iowa City
Dubuque Street serves as Iowa City's main entrance and key gateway into the community for residents and visitors. However, due to its low elevation, Dubuque Street had a history of flooding. This discussion provides an overview of the reconstruction project, which elevated Dubuque Street and the Park Road bridge over the Iowa River.

2:00 **New Design Tools for Concrete Streets and Parking Lots** – Dan King, ICPA
This presentation highlights new options (and updates to current methods) for designing concrete streets, parking lots, and industrial facilities. It will feature the new PavementDesigner.org, a web-based unified design tool for all types of concrete pavement applications.

3:00 **ADJOURN**