

30th ANNUAL MUNICIPAL STREETS SEMINAR

November 15, 2022 – Scheman Building, 1805 Center Drive, Iowa State University, Ames, Iowa

- 7:30 **Registration & Breakfast Buffet – 2nd floor**
- 8:30 **Welcome** – Moderator, Jerod Gross, representing the CP Tech Center – Rooms 220-240
- 8:45 **Traffic Engineering Challenges and Solutions** – Leslie Hart, P.E., PTOE, City of Ankeny
This presentation will dig into the traffic engineering toolbox used by a fast-growing hometown city: from low-tech signs and markings through the diverging diamond interchange and high-tech world of ITS acronyms such as TMC, PTZ and ATSPM.
- 9:15 **SUDAS Update** – Paul Wiegand, P.E., SUDAS / Iowa PWSB Director
Paul will provide an update on current SUDAS modifications and information about the new Public Works Service Bureau.
- 9:45 **Iowa DOT Local Systems & Federal Funding** - Nicole Moore, P.E., Director, Local Systems Bureau Iowa DOT
This discussion will include the new Federal Funding bill as well as Local Systems general information that Cities and Consultants can use for assistance on Federal-aid and State-aid projects and grants.
- 10:15 **BREAK**
- 10:30 **Building Better Pavement Foundations: Iowa DOT Roadmap** - John Puls, P.E. & David J. White, P.E., Ingios Geotechnics, Inc.
The Iowa DOT has been implementing improved pavement foundation construction and inspection measures to ensure new pavement systems will last much longer and perform better. This presentation will discuss the state implementation roadmap and how these same improvements can apply to municipal streets.
- 11:00 **Ethics** – Jennifer Schaff, P.E. County Materials Corporation
This discussion will explore the past cases, hypothetical concepts, and the current canons of Ethics from two different engineering societies. Learn the history of professional ethics, the development of health, safety, and well-being of the public and how to incorporate ethics into daily life.
- 12:00 **LUNCH**
- 12:45 **Financing Options for Street Improvements** – Elizabeth Burnett, J.D. & Maria Brownell, J.D., Ahlers and Cooney, P.C.
Update on financing options and funding sources for street improvements, including bonding and special assessments.
- 1:30 **Showcase project – University Avenue Reconstruction** – Michelle Sweeney, P.E., PTOE, Senior Project Manager AECOM
This \$38 million award-winning project is the longest road project for the City of Waterloo in the last 50 years. Hear about the transfer of jurisdiction from the Iowa DOT to the City for this complete street project including multiple bridges, adaptive traffic signals, a roundabout and other roadway enhancements.
- 2:00 **BREAK**
- 2:15 **West Des Moines Infrastructure for Microsoft Data Centers**, Brian Hemesath, P.E., City of West Des Moines
With large developments, comes significant infrastructure. In this session we will explore the magnitude of the street infrastructure focusing on the planning of future growth, dealing with the public and experimenting with mix designs.
- 2:45 **Concrete Pavement Preservation – Panel Discussion** – Al Adamek, Diamond Surface, Inc. and Jason Nielsen, Ten Point Construction, will discuss recent municipal concrete preservation projects and address questions from the audience.
- 3:15 **ADJOURN**

Cost: \$100 (includes workshop materials, breakfast, and lunch)

Registrations due November 7th - You may register and pay online by credit card or check at:

<https://intrans.iastate.edu/events/2022-municipal-streets-seminar-2/>

If paying by check, please include the registrant(s) name and/or order # on the check, make checks payable to **Iowa State University**, and mail to:

**ATTN: Denise Wagner
INTRANS, ISU
2711 S Loop Drive, Suite 4700
Ames, IA 50010**

Questions? Contact Denise Wagner at 515-294-5798

Professional Development Hours

The Iowa Engineering and Land Surveying Examining Board (IELSEB) has established PDH requirements for professional engineering license renewal. This workshop has been planned in accordance with the rules for awarding PDHs. Certificates of attendance will be available.