

# BIWEEKLY RESOURCE PAGES

(All Times Central, 10/11/2021)

## Iowa LTAP Webinars

**In-Service Sign Retro-Reflectivity Performance in Iowa.** *Friday, 10/22 at 12:00 PM.* This webinar will discuss the results of research that evaluated sign retro-reflectivity data from in-service signs in Iowa to determine expected sign life. Models were developed to evaluate the age of a sign versus its respective retro-reflectivity value and broken down by sheeting type, sign category (regulatory and warning), and directional orientation. The results of the analysis indicated that all sheeting materials, sign types, and sign directions were predicted to have lives of at least 10 years before falling below MUTCD minimums. For more information and to register, please go to <https://iowaltap.iastate.edu/events/in-service-sign-retroreflectivity-performance-in-iowa/>

## Iowa LTAP On-Site Workshops

**One-D Modeling of River Encroachments with HEC-RAS (NHI Course 135041).** *Tuesday–Thursday, 10/12–10/14 at 8:00 AM (Ames).* This course is currently limited to Iowa local agency and DOT employees or similar. The course focuses on the use and application of HEC-RAS software, developed by the Hydrologic Engineering Center of the U.S. Army Corps of Engineers. Modeling principles and techniques will be presented using the latest version of HEC-RAS. For more information, attendance requirements, and registration, please go to <https://iowaltap.iastate.edu/events/2021-nhi-135041-one-d-modeling-of-river-encroachments-with-hec-ras/>

**Multidisciplinary Roadway Safety Series (formerly the Local Road Safety Workshops).** *Wednesdays & Thursdays, 10/20 & 10/21 (Storm Lake & Atlantic); and 10/27 & 10/28 (Marion & Ottumwa) at 8:30 AM.* The Iowa fall safety series, held for many years, is back in 2021! This annual series will be held at various locations in Iowa during the month of October. Learn about the latest work and programs aimed at reducing fatal crashes on Iowa roadways from various safety partners in the state, including the Iowa DOT Traffic and Safety, Local Systems, and Systems Planning bureaus; Federal Highway Administration; Governor's Traffic Safety Bureau; and the Iowa LTAP. For more information and to register, please go to <https://iowaltap.iastate.edu/multidisciplinary-safety-series/>

**Iowa Winter Maintenance Workshop.** *Tuesdays, Wednesdays, & Thursdays, 11/2, 11/3, & 11/4 (Storm Lake, Hampton, & West Union); and 11/16, 11/17, & 11/18 (Atlantic, Knoxville, & Washington) at 8:30 AM.* This workshop will cover many of the topics needed for operations staff to be prepared for the upcoming winter season. Some of the topics include pre-season preparation, snow removal on county roads and city streets, the use of deicers, calibration, pre-trip inspection, and the importance of a healthy diet and physical activity for snowfighters during the long winter months. For more information and to register, please go to <https://iowaltap.iastate.edu/events/2021-winter-maintenance-operations-workshop/>

**AutoCAD Basics.** *Monday, 11/15 at 9:00 AM (Ames).* This half-day course is intended to provide local agency staff with no or limited AutoCAD® Civil 3D 2018-20 (C3D) experience with the background to perform daily drafting and analysis tasks common to the profession. The class will teach the basic concepts together with applications in day-to-day tasks common to county engineering in as concrete a way as possible. To this end, the class will be focused on contextualizing the software knowledge inside of example workflows. *Due to a limited number of computers available with AutoCAD installed, registration capacity for this training is limited to 15 people.* For more information and to register, please go to <https://iowaltap.iastate.edu/events/autocad-basics-nov15/>

## LTAP Partner Conferences, Events, Webinars, and Workshops

**Concrete Pavement Continuing Education Series (CP Tech Center).** *Wednesday, 10/20–Friday, 11/19* at various locations. The presentations will focus on the basics of concrete pavement design, including methodology and design parameters. Discussions will include thickness design methods including Iowa's SUDAS pavement design procedure, PavementDesigner.org, and Pavement ME, as well as other important considerations for the structural design and long-term durability of concrete pavement systems. For more details and to register, please go to [this link](#)

**Concrete Pavement Technology Tuesday Webinars (CP Tech Center).** Held *monthly at 12:00 PM*. The National Concrete Pavement Technology Center is holding monthly webinars. Three are currently listed: Sustainability, Recycle, & Bicycle (October 12); Understanding Penetrating Sealers for Concrete Pavements (November 9); and Next Generation Concrete Pavement (December 14). Registration is open for the October 12 and November 9 webinars. To register for these webinars, please go to [this link](#)

**Project Bundling Self-Assessment Tool Workshop (FHWA).** *Thursday, 10/14 at 12:00 PM*. Project Bundling done well is saving agencies like the Indiana DOT an estimated \$300+ million over a six-year program, plus lots of staff time! Attendees will learn how to use the NEW Project Bundling Capability Matrix/Self-Assessment Tool, which is designed to help agencies—determine existing capability levels, plus short- and long-term goals to institutionalize project bundling processes, and take steps to realize the full benefits of project bundling as they consider the best practices of lead agencies. To register, please go to [this link](#)

**Tactile Walking Surface Indicators: Overview and Wayfinding Application (WV LTAP).** *Tuesday, 10/19 at 12:00 PM*. Tactile walking surface indicators (TWSI) include attention fields (truncated dome detectable warning surfaces) and guiding patterns (directional indicators) of raised bars. Although there is currently no US standard for tactile guiding patterns, it is recognized that such patterns may be a good solution to wayfinding problems for visually impaired pedestrians in a number of applications. For more information and to register, please go to [this link](#)

**Build a Better Mousetrap 2021 Winners Showcase (FHWA).** *Thursday, 10/21 at 1:00 PM*. In transportation, Build a Better Mousetrap means going outside the box to solve problems. These solutions improve safety, save money, decrease time, and move processes to become more efficient. During this webinar, you'll hear from the Illinois Tollway about their Road Electric Training System and the Independent Highway District in Idaho about its Recessed Lane Indicator. No registration is required. The link and passcode to join the meeting can be found at <https://www.fhwa.dot.gov/innovation/events.cfm>

**Project Involvement Management Applications (PIMA) Innovations (FHWA).** *Tuesday, 10/26 at 12:00 PM*. This webinar features presentations from the Iowa DOT, MassDOT, and Maine DOT. Presenters will discuss how their agencies are using PIMA and provide information about recent enhancements to the tool, including a mobile application. The webinar will conclude with a question-and-answer session. For more information and to register, please go to [this link](#)

**Snow and Ice Control Material Application (MN LTAP).** *Thursday, 10/28; Wednesday, 11/3; & Thursday, 11/18 at 7:30 AM*. This is a free webinar (the same material will be offered on each of the dates) that will help attendees learn how to use salt and sand most effectively. For more information and to register, please go to [this link](#)

**Municipal Streets Webinars (CP Tech Center).** *Tuesdays, 11/2, 11/16, & 11/30 at 12:00 PM*. These one-hour webinars will cover various concrete-related subjects. More information and registration can be found at [this link](#)

**Better Concrete Conference (CP Tech Center).** *Wednesday, 11/10* at the Iowa State University Scheman Building. More information, the agenda, and registration can be found at [this link](#)