

BIWEEKLY RESOURCE PAGES

(All Times Central, 9/28/2021)

Iowa LTAP Webinars

Pavement Marking Material Selection and Application Preparation. *Thursday, 10/7 at 12:00 PM.* This one-hour course will introduce participants to six of the main pavement marking types where each will be described as well as discussion on common applications and how one might determine the appropriate material to use for their applications. Participants will also discuss preparing to install the markings including methods to remove old markings, pre-application inspection checklists, and preparing temporary traffic control. The training will conclude with a discussion on the importance of a pavement marking management system. For more information and to register, please go to <https://iowaltap.iastate.edu/events/pavement-marking-material-selection-and-application-preparation/>

Crack Sealing Best Practices. *Friday, 10/8 at 8:00 AM.* This webinar will cover the basics of a productive pavement crack sealing program, including safety, crack treatments, and best practices. Operations and supervisory staff are invited to join this beneficial and informative workshop. For more information and to register, please go to <https://iowaltap.iastate.edu/events/crack-sealing-best-practices/>

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/>

Underground Utilities Construction Inspectors School (APWA-Minnesota). *October 2021 to May 2022 (monthly).* This course provides practical information to enable people with underground utility inspection responsibilities to expertly and confidently do their jobs. Iowa LTAP will be offering an on-site location in Ames at the Institute for Transportation, and remote attendees may participate via a virtual option. For more information and to register, please go to [this link](#)

Iowa LTAP On-Site Workshops

Multidisciplinary Roadway Safety Series (formerly the Local Road Safety Workshops). *Wednesdays & Thursdays, 10/6 & 10/7 (Waverly & Ames); 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/>

One-D Modeling of River Encroachments with HEC-RAS (NHI Course 135041). *Tuesday–Thursday, 10/12–10/14 at 8:00 AM.* 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/>

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/>

LTAP Partner Conferences, Events, Webinars, and Workshops

APWA Chapter Fall Conference. *Wednesday–Friday, 9/29–10/1* at the Hilton Garden Inn in Council Bluffs, IA. The agenda includes many interesting topics, and there will be exhibitors. For many more details and to register, please go to <https://events.bizzabo.com/2021-APWA-IA-Fall-Conference>

2021 EDC Virtual Safety Summit Series (FHWA). *Wednesday, 9/29 at 9:00 AM* (one remaining in series). The summit series will highlight seven safety initiatives and share how they can save lives. The series will benefit those who are just beginning to implement these innovations, those who are further along and could gain from peer-to-peer engagement, and those with deployment stories to share. It will include opportunities to discuss hot topics with peers and establish relationships that can boost success now and in the future. For more information (including individual subjects by date) and to register, please go to [this link](#)

2021 Iowa State Roadeo (APWA Iowa Chapter). *Thursday, 10/7 at 7:00 AM.* The APWA Iowa Chapter is sponsoring a limited version of the statewide Roadeo competition this year to be held at the City of West Des Moines Public Services West Facility. This year's event will be a one-day competition for the Snowplow Truck Course only, which will include defect testing for the snowplow truck. For more information and to register, please go to <https://events.bizzabo.com/2021-APWA-Iowa-Roadeo>

Concrete Pavement Continuing Education Series (CP Tech Center). *Friday, 10/8–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](#)

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](#)

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](#)

Better Concrete Conference (CP Tech Center). *Tuesday, 11/2* at the Iowa State University Scheman Building. More information and registration will soon be added to www.cptechcenter.org