

BIWEEKLY RESOURCE PAGES

(All Times Central, 6/22/2021)

Summer Webinar Series

This summer, Iowa LTAP will be offering a series of two-hour webinars on basic roadway safety with a wide variety of subjects (see below). They will be offered twice a month on either a Thursday or Friday. They are intended for both engineers and maintenance personnel. Registrations for each will be offered individually. Join us for all of them or just one or two.

Summer Safety Series

- **Safety Analysis Process.** *Friday, 6/25 at 12:00 PM.* The safety analysis process, as part of the FHWA Safety Toolkit, is a systematic process for identifying the factors that can contribute to crashes and implementing effective countermeasures. It is a best practice method that is flexible and can be used to fit your needs. This two-hour training will cover the seven step process and discuss how it can be applied using two different complementary analysis methods: the traditional site safety analysis and the systemic analysis. Additionally, case studies will be utilized to practice applying the process. For more information and to register, please go to <https://iowaltap.iastate.edu/events/safety-analysis-process/>
- **Reading the Road.** *Friday, 7/9 at 12:00 PM.* This two-hour training will teach participants how to “read the road” as well as the importance of doing so in daily activities. It will use real-world examples on different roadway components to demonstrate how participants may be able to uncover potential safety issues during their routine activities. It will also discuss how the road safety audit process can be used to “read the road” in a more formal approach. The training will also discuss the consequences daily activities of workers may have on safety. For more information and to register, please go to <https://iowaltap.iastate.edu/events/reading-the-road/>
- **Countermeasures for Road Safety.** *Friday, 7/23 at 12:00 PM.* Road safety countermeasures are actions taken to improve transportation safety and therefore decrease the number of injuries and fatalities. These countermeasures can consist of infrastructure, behavioral, or programmatic/policy implementation. This two-hour training will provide an overview of safety countermeasures applicable to local roads with an emphasis on low-cost practices. Discussions include crash modification factors (CMFs), systemic safety analysis, and factors for evaluating and selecting countermeasures. For more information and to register, please go to <https://iowaltap.iastate.edu/events/countermeasures-for-road-safety/>
- **Maintaining a Safer Roadway.** *Friday, 8/13 at 12:00 PM.* Local agency maintenance forces are in the best position to be the “eyes and ears” of the road when it comes to identifying safety issues. This training will focus on maintenance safety solutions that local maintenance forces can implement on a daily basis to address safety issues related to elements such as shoulder drop-offs, right-of-way obstructions, striping and signing, guardrails, mowing, sweeping, patching, drainage, and winter maintenance. It will include a case study. For more information and to register, please go to <https://iowaltap.iastate.edu/events/maintaining-a-safer-roadway/>

- **Take Action Now – Maintaining Safety.** *Friday, 8/27 at 12:00 PM.* To reach the national goal of zero fatalities, transportation officials cannot wait for something to happen before taking action. Maintenance and construction workers who are on the road daily provide a great asset to help identify potential safety issues. This session will focus on maintenance safety solutions construction and maintenance personnel can implement on a daily basis. It will focus on safety issues related to signs and supports; vegetation control and drainage features; and using the FHWA documents: Vegetation Control for Safety, A Guide for Local Highway and Street Maintenance Personnel, Maintenance of Drainage Features for Safety, A Guide for Local Street and Highway Maintenance Personnel, and Maintenance of Signs and Sign Supports: A Guide for Local Roads Maintenance Personnel as the basis. For more information and to register, please go to <https://iowaltap.iastate.edu/events/take-action-now-maintaining-safety/>

On-Site Events Limited to Iowa Transportation Professionals

ICEA Mid-Year Conference. *Thursday, 7/8 at 8:15 AM.* Attendance at this conference is limited to Iowa Secondary Roads Department staff and related personnel, along with related Iowa DOT and FHWA Iowa Division staff. It is an opportunity for county engineers and their staff to gather information about subjects and activities that can improve their efficiency and effectiveness. For more information and to register, please go to <https://iowaltap.iastate.edu/events/2021-icea-mid-year-conference/>

Bridge Preservation Open House. *Tuesday, 7/27 at 7:30 AM.* Attendance at this event is limited to Iowa local agency and related DOT and FHWA Iowa Division staff. Buchanan County and Iowa LTAP invite you to register and attend an informal one-day discussion and demonstration of some of the bridge preservation techniques the county has used and is exploring. Presentations on epoxy injections of bridge decks, bridge deck patching, and bridge deck sealing will be done; a tour of the equipment completed; and a field demonstration of epoxy injection provided. For more information and to register, please go to <https://iowaltap.iastate.edu/events/bridge-preservation-open-house/>

Workshops & Webinars by Others

Pavement Preservation – Longitudinal Joints (MN LTAP). *Wednesday, 6/23 at 7:30 AM.* This 90-minute webinar will focus on proactively reducing or eliminating maintenance costs on longitudinal joints, which often show premature distress due to lower density obtained during construction. The webinar will cover multiple ways to achieve better density, lower voids, and optimal performance at longitudinal joints to eliminate premature failure. For more information and to register, please go to <http://www.mnltap.umn.edu/training/online/ltapwebinars/2021/pavement/>

Unmanned Aerial Systems (UAS) for Traffic Incident Management – Agency Perspectives about How UAS Has Helped to Improve Traffic Incident Management (NOCOE). *Wednesday, 6/23 at 12:30 PM.* To register, [click here](#)

Slide-in Bridge Construction (NJ LTAP). *Wednesday & Thursday, 7/7 & 7/8 at 9:00 AM.* Slide-in bridge construction (SIBC) is one of several accelerated bridge construction (ABC) technologies being advanced by the Federal Highway Administration (FHWA). Compared to more traditional methods of bridge construction, and due to its shorter work zone durations and reduced impacts on traffic, SIBC (like other ABC technologies) can: increase safety for workers, enhance mobility, and reduce environmental impacts. For more information and to register, please go to this [link](#)