

BIWEEKLY RESOURCE PAGES

(All Times Central, 12/21/2021)

Iowa LTAP Webinars and Online Training

Ethical Choices – What Would You Do? *Tuesday, 12/28 at 12:00 PM.* This one-hour webinar will discuss the basics of ethics: How ethics, morals, and values are defined, in addition to a discussion of ethical codes, canons, and policies. In addition, a series of decision-making questions are provided along with a short discussion on recognizing potential biases. The webinar will conclude with some interactive scenarios that take advantage of software polling capabilities. For more information and to register, please go to <https://iowaltap.iastate.edu/events/2021-ethical-choices-what-would-you-do-webinar/>.

Low-Cost Safety Improvements for Signalized Intersections. *Friday, 1/7/ 2022 at 12:00 PM.* In this webinar, we will talk about improvements at signalized intersections, including pedestrian and bicycle treatments. A synthesis of countermeasures and examples of their associated crash reduction factors are identified from either the CMF Clearinghouse or other relevant publications, and both are presented in this webinar. For more information and to register, please go to <https://iowaltap.iastate.edu/events/low-cost-safety-signalized-intersections/>.

Iowa's Multi-Discipline Safety Team (MDST) Program. *Friday, 1/21/2022 at 12:00 PM.* More than a dozen MDSTs are active throughout Iowa. These teams meet on a regular basis to discuss safety topics, transportation problems, projects, and improvements along local roadways within their region. This webinar will include an introduction to the program and provide an idea of what to think of when starting a traffic safety group in your region. We will discuss how to identify the need for a group and the various stakeholders that might be included, in addition to how to run a successful group once established. For more information and to register please go to <https://iowaltap.iastate.edu/events/iowas-multi-discipline-safety-team-mdst-program/>.

Online Basic Work Zone and Flagger Training. Iowa LTAP is pleased to announce a new virtual option for our Basic Work Zone and Flagger training (a reintroduction of our on-site option is described below). The subject material is primarily the same as in the past, and there is a final quiz. Registration is required, and the training costs \$25 per person. Once you register, we will provide you the links to the modules and quiz. We are working on automating this process and hope that it will be available soon. For more details, please go to <https://iowaltap.iastate.edu/work-zone-safety-and-flagger-training/>.

Iowa LTAP On-Site Workshops

On-Site Basic Work Zone & Flagger Training. *Spring visit request period.* Iowa LTAP is pleased to introduce our redesigned on-site *Basic Work Zone & Flagger Training*. Changes have occurred in the scheduling and training content. Please go to the link below to show your interest in bringing this training to your location in the spring. We will use the information provided to plan our training trips to your area of the state. Quizzes and/or demos have also been added to this training, and agencies should plan to provide a room with tables and chairs for up to four hours. For more details, please go to <https://iowaltap.iastate.edu/work-zone-safety-and-flagger-training/>.

Iowa Work Zone Safety Workshop Series. *Thursday, 2/3 (Ames); Wednesday, 2/9 (Council Bluffs); Thursday, 2/10 (Storm Lake); Wednesday, 2/16 (Ottumwa); Thursday, 2/17 (Cedar Falls/Waterloo); Friday, 2/18 (Cedar Rapids); and Tuesday, 3/1 (Ames).* The workshops consist of a general session for all participants, plus breakout sessions that will be scheduled throughout the week tailored to specific categories of work zone activities: city, county, utility, Iowa DOT construction and contractors, and Iowa

DOT maintenance. The objectives are to introduce the principles and convey the importance of using proper methods for safe and efficient temporary traffic control at work sites; examine specific applications relevant to situations routinely encountered by city, county, utility, contractor, and Iowa DOT crews; and reduce motor vehicle traffic crashes at road work sites, resulting in greater safety for highway users and workers alike. For more details and to register please go to [this link](#).

NHI Bridge Inspection Refresher Training. *Two options: 2/8–2/10 and 3/29–3/31 (Ames).* The major goals of this course are to refresh the skills of practicing bridge inspectors in fundamental visual inspection techniques; review the background knowledge necessary to understand how bridges function; communicate issues of national significance relative to the nation’s bridge infrastructures; re-establish proper condition and appraisal rating practices; and review the professional obligations of bridge inspectors. For more details and to register, please go to [this link](#) for the February option and [this link](#) for the March option.

NHI Safety Inspection of In-Service Bridges. *Monday, 4/25–Friday, 5/6 (Ames).* A detailed description of this course is on the National Highway Institute website (<http://www.nhi.fhwa.dot.gov>). This course is based on the 2015 FHWA “Bridge Inspector’s Reference Manual (BIRM)” and provides training on the safety inspection of in-service highway bridges. The course includes two virtual bridge inspection exercises facilitated using NHI’s virtual bridge inspection (VBI) computer-based training (CBT) technology; instruction on critical findings, their identification and response; curriculum on the American Association of State Highway and Transportation Officials (AASHTO) element level inspection approach using the 2013 AASHTO Manual for Bridge Element Inspection 2015 Interim Revisions; and activities that maximize participant engagement throughout the course. This course does not go into depth on fracture critical, underwater, or complex bridge inspections. Other specialty courses, 130078 Fracture Critical Inspection Techniques for Steel Bridges and 130091 Underwater Bridge Inspection, cover these topics. For more details, the mandatory prerequisites, and to register, please go to [this link](#).

LTAP Partner Conferences, Events, Webinars, and Workshops

Local Bridge Preservation Training for Iowa (AASHTO TSP2 for Iowa attendees). *Friday, 1/14 at 9:00 AM.* This 90-minute course is specifically designed as an introduction to understanding the basics of bridge preservation and is geared toward meeting the needs of local agencies. Participants will gain a general understanding of why preservation is important, how to identify good candidates for preservation, what activities are available, and an idea of cost and degree of difficulty with performing the work. A variety of examples have been developed to help participants understand the importance of incorporating these bridge preservation activities into their work plan (e.g., deck sealing, concrete deck patching, bridge washing, joints, establishing a preservation program, and spot painting). To register, please go to [this link](#).

Project Bundling: Preconstruction (FHWA). *Tuesday, 1/18 at 1:00 PM.* Delivering a bundled project depends on several factors—which project delivery method is chosen, what effort is necessary to secure environmental determination and permits, which risks the agency has responsibility for, and other factors specific to the agency. This webinar will highlight the steps to setting up a strategic bundling program as outlined in the FHWA Bridge Bundling Guidebook and in the Advanced Project Bundling Quick Start Reference. For more information and to register, please go to [this link](#).

Concrete Overlays: A Proven Technology (FHWA). *Monday, 1/24 at 12:30 PM.* Participants will hear about challenges and possible solutions, how to determine value, how to get started, and what resources are available. The webinar will also include highlights from 10 concrete overlay projects. For more information and to register, please go to [this link](#).