

BIWEEKLY RESOURCE PAGES

(All Times Central, 01/19/2023)

IOWA LTAP – VIRTUAL OFFERINGS

Excavation and Trench Safety Refresher, *Friday, 1/20 at 12:00 PM* – This one-hour refresher workshop explains the hazards of excavation and trenching, how accidents happen, and how worker protective measures should be applied. It's a great way to inform new employees of safety protocols or to update more experienced employees on new safety information. The workshop covers the following: critical definitions and context for excavation safety, soil classification, and shoring options. Registration can be found [here](#). **NOTE:** This is just a preview to a daylong on-site excavation workshop that will be offered by LTAP at various locations throughout the state in April.

Evaluation of the Safety Impacts of Transverse Rumble Strip Configurations, *Thursday, 2/16 at 12:00 PM* – This webinar will discuss a recently completed project that evaluated the effectiveness of different transverse rumble strip configurations at rural county intersections in Minnesota. Various safety metrics were collected before, one month after, and nine months after the installation of the rumble strip installation. Additionally, a noise analysis was conducted to determine if one configuration is recommended above others. Registration for this webinar can be found [here](#).

ON-SITE OFFERINGS

Iowa Work Zone Safety Workshop Series, *Tuesday, 2/14 (Cedar Rapids); Wednesday, 2/15 (Cedar Falls); Thursday, 2/16 (Ottumwa); Wednesday, 2/22 (Storm Lake); Thursday, 2/23 (Council Bluffs); Tuesday, 2/28 (Ankeny); and Thursday, 3/9 (Ankeny)* – During February and March each year, work zone traffic control and safety training is offered at several Iowa venues so that workers across the state can participate conveniently. The workshops will cover current revisions in the 2009 *Manual on Uniform Traffic Control Devices (MUTCD)*, particularly Part 6. 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 Department of Transportation (DOT) maintenance. For more information and registration, please go [here](#).

Bridge Inspection Refresher Training (NHI 130053), *Tuesday–Thursday, 2/21–2/23 at 8:00 AM (Ames)* – This training aims 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 information and to register, please go [here](#).

Safety Inspection of In-Service Bridges for PEs (NHI 130056), *Monday–Friday, 3/6–3/10 at 8:00 AM (Ames)* – Bridge inspectors must successfully complete a Federal Highway Administration- (FHWA-) approved comprehensive training to become a certified Bridge Inspection Team Leader, or Program Manager. This FHWA-approved course, intended for professional engineers (PEs), is based on the *Bridge Inspector's Reference Manual (BIRM)* and provides training on the safety inspection of in-service highway bridges. For more information and to register, please go [here](#).

IOWA DOT FEDERAL-AID OVERVIEW SEMINARS

Federal-Aid Overview Seminars (Iowa DOT), *Wednesdays and Thursdays, 1/25 and 1/26 (Hiawatha), and 2/8 and 2/9 (Denison)* – This training is designed for anyone who works on federal-aid projects, including cities, counties, consultants, and metropolitan planning organizations (MPOs) or regional planning affiliations (RPAs). Please encourage all staff who work on federal-aid projects to attend for at least one day. More information, agendas, and registration instructions can be found [here](#).

“ONCE OR TWICE IN A LIFETIME” EVENT IN IOWA – JULY 2023

International Low Volume Roads Conference (TRB), *Sunday–Thursday, 7/23–7/27 (Cedar Rapids)* – This conference is a special opportunity for Iowa professionals. The conference is a global forum to examine new technologies and new techniques in the planning, design, construction, operation, maintenance, and administration of low volume roads. It includes full- and mini-workshops, a field trip, lightning poster sessions, and presentations. Typically, more than 20 countries are represented. For more information and to register, please go [here](#). There is also an “Iowa Night” and post-conference workshop with separate registrations at the same link.

PARTNER ACTIVITIES

Webinar: Ethics Training for Engineers (FL LTAP), *Thursday, 1/19 at 9:00 AM* – Please note, this is Florida LTAP training. Florida local agencies will be given priority, and the PE rules are different. This one-hour session will cover the basics of ethics for engineers and why ethics are important. Attendees will learn the basic philosophical underpinnings of ethics and receive resources for more information on ethics. More details and registration can be found [here](#).

Webinars: Value Capture Series (FHWA), *Starting Thursday, 1/19 at 12:00 PM* – The FHWA will launch its latest webinar series on value capture strategies beginning in January 2023. The series will spotlight the value capture techniques promoted by the FHWA Every Day Counts (EDC-5) initiative. The webinars will detail value capture best practices collected from across the nation and will re-introduce the series of value capture primers that the FHWA published from 2020 to 2022. Speakers will be subject matter experts and peers who have successfully utilized value capture in tandem with innovative finance and project delivery techniques. To register, please go [here](#).

Introduction to Civil 3D Practical Application (MN LTAP), *Starting Tuesday, 2/14 at 7 a.m.* – This virtual training course teaches students how to use computer-aided design and drafting (CADD) software to design a simple two-lane county highway using MnDOT standards and guidelines. For more information and to register, please go [here](#).