BIWEEKLY RESOURCE PAGES
(All Times Central, 10/24/2023)

IOWA LTAP ON-SITE WORKSHOPS

AutoCAD Basics, Tuesday, 11/7 event is FULL, but a second date wait list is being created – This half-day course is intended to provide local agency staff with no or limited AutoCAD Civil 3D experience with the background to perform daily drafting and analysis tasks common to county and city engineering. Information and agenda can be found here. If you are interested in being put on a waiting list for a potential second workshop, please contact David Veneziano at dvenez@iastate.edu.

Iowa Winter Maintenance Workshops Series, Tuesday, 11/7 (Cherokee); Wednesday, 11/8 (Eagle Grove); Thursday, 11/9 (West Union); Tuesday, 11/14 (Atlantic); Wednesday, 11/15 (Indianola); and Thursday, 11/16 (Ainsworth) – Snow and ice control can be the most demanding, challenging, and visible tasks performed by local public agencies. 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 common snow and ice ordinances and policies. Speakers will include county and city operators and supervisors, DOT maintenance supervisors, and Iowa LTAP staff. For more information, learning outcomes, an agenda, and to register, please go here.

LTAP MONTHLY WEBINARS

Risk Management Lessons Learned from Lawsuits Against Local Road Agencies, Thursday, 10/26 at 12:00 PM – A road agency’s legal duties and the implications of tort liability are discussed in this webinar. The speaker examined about 50 fatal and serious injury crashes on low-volume roads from his forensic experience, and the results of this analysis will be presented. Noteworthy findings include the role of driveways as a source of contamination of the roadway surface and the significance of transitions such as from a paved road to gravel road or from one cross-section width to another. Risk management strategies discussed include conducting operational reviews, paying attention to written and spoken words, regularly reviewing policies and manuals, safety training for maintainers, and good documentation. Registration for this webinar can be found here.

W-Beam Bridge Rails for Low-Volume Rural Roads: Issues and Solutions, Thursday 11/16 at 12:00 PM – W-beam and thrie-beam rails are commonly used as bridge rails on rural, county roadways. However, due to a lack of understanding these railings, many of these bridge rails are installed improperly. Common safety issues include a lack of guardrail anchorage, inadequate run-out lengths, guardrail blunt ends, and large posts posing as snag risks. This presentation explores these issues and their negative effects on safety performance. Additionally, multiple crashworthy W-beam railings are detailed and discussed as options for either side-mounted or top-mounted W-beam railings. Finally, similar W-beam systems are presented for use to treat concrete box culverts. All of these W-beam systems have been evaluated and satisfy current Manual for Assessing Safety Hardware (MASH) safety standards for TL-2 and/or TL-3 installations. Registration for this webinar can be found here.

Highway Design and Maintenance for Horse-Drawn Vehicles, Thursday, 12/7 at 12:00 PM – This webinar will cover topics related to designing and maintaining roads in areas with large Amish populations based on experiences in Elkhart County, Indiana. Some of the topics covered will include: coordination with the Amish community, implementation of buggy plates and user fees for non-motorized vehicles, characteristic road distresses caused by horse usage and maintenance options to
address these impacts, and adaptation of intersection sight distance design parameters for horse-drawn vehicles. Registration for this webinar can be found [here](#).

**PARTNER ACTIVITIES**

**Traffic Signal Control Cabinets – Types, Features, and Troubleshooting (TN LTAP), Tuesday, 11/7 at 12:00 PM** – Over 40 years of traffic controller cabinet evolution has resulted in many major technological advancements. Each cabinet type may have unique features, but many fundamentals remain the same. The purpose of this session is to review the cabinet types, features, and troubleshooting perspectives using the common fundamentals as a baseline. For more information from the Tennessee LTAP about this webinar and to register, please go [here](#).

**American Public Works Association (APWA) Commercial Driver’s License (CDL) Training Implementation Idea Exchange (National APWA), Wednesday, 11/15 at 1:00 PM** – Over the past year, public works agencies have been adapting to the CDL Entry Level Driver Training Requirements. This idea exchange will provide an opportunity for agencies to see examples of successful implementations of internal CDL training programs and other strategies for meeting these Federal Motor Carrier Safety Administration (FMCSA) requirements. To register for this webinar, please go [here](#).

**Winter Maintenance Courses Online (TTS, Formerly TC3), Online** – The American Association of State Highway and Transportation Officials’ (AASHTO’s) Technical Training Solutions offers a seven-course training series, Anti-Icing/Road Weather Information System (RWIS), which introduces learners to effective use of anti-icing techniques in winter road maintenance using RWIS technology. Some of the course subjects, however, appear to also have wider applicability. Check out the course list, descriptions, and registrations [here](#).

**77th Annual Iowa County Engineers Conference, Wednesday–Friday, 12/13–12/15 (Des Moines)** – This event will take place at the Community Choice Credit Union Convention Center. Each member of the county engineering staff will find this conference provides information of interest to aid them in the design, construction, and operation of the transportation system in the county. Consultants, equipment vendors, and material vendors will have direct contact with those directly in charge of county procurement of equipment and services. For more information and to register, please go [here](#).