



2011

Work Zone Safety Workshops



Sponsors

Institute for Transportation

Federal Highway Administration

Indian Hills Community College

Iowa Association of Municipal Utilities

Iowa Department of Transportation

Iowa State Patrol

Iowa Western Community College

North Iowa Area Community College

Western Iowa Tech Community College

Jasper County

This program is partially funded through the Iowa Department of Transportation Traffic Safety Improvement Program pursuant to 2001, Iowa Code Section 312.2(15).

It is coordinated by the Iowa Department of Transportation and the Institute for Transportation at Iowa State University.



Temporary Traffic Control for Construction, Maintenance, and Utility Work Zones

About the workshops

Each day-long workshop is divided into a general session for all participants and breakout sessions for specific types of work zone activity: city, county, utility, Iowa DOT construction and contractors, and Iowa DOT maintenance.

Presenters for the general session include Jerry L. Graham, president of Graham Consulting; Jerry Roche, transportation safety and operations engineer with FHWA; and officers from the Iowa State Patrol or local police.

Workshop objectives

- To introduce the principles and convey the importance of using proper methods for safe and efficient temporary traffic control at work sites.
- To examine specific applications relevant to situations routinely encountered by city, county, utility, contractor, and Iowa DOT crews.
- To reduce motor vehicle traffic crashes at road work sites, resulting in greater safety for highway users and workers alike.

Who should attend?

The MUTCD recommends that all workers complete work zone traffic control training. All workers (and their supervisors) whose duties place them on or near the traveled portion of the roadway should attend. Because the information is valuable for workers at all levels, attendance can be rotated systematically, making it possible for all workers within an agency to attend every few years. It is not necessary for participants to attend each year; every three years is recommended. Contractors and consultant engineering staff are welcome to participate.

For those interested in Iowa DOT specifications and requirements, the Iowa DOT Construction and Contractors breakout session may be most appropriate. The city breakout session may be best for those interested in urban work zone applications.

Registration fee

The registration fee of \$75 is intended to encourage greater participation. The Iowa DOT Office of Traffic and Safety provides supplemental funding for these workshops.

Questions?

For questions about program content, call Tom McDonald at the Institute for Transportation at 515-294-6384, tmcdonal@iastate.edu. For questions about registration, contact ISU Registration Services at 515-294-6222 or cepd-info@iastate.edu.

Register online at www.ucs.iastate.edu/workzone

Workshop agenda

7:30–8:00 a.m. Registration

8:00–10:15

- General overview
- FHWA work zone observations
- Law enforcement perspective
- Legal considerations

10:30 Breakout sessions

Specifics in your area of interest: county, city, utility, Iowa DOT construction and contractors, or Iowa DOT maintenance

Noon–12:45 p.m. Lunch on site

12:45–3:00 p.m.

Breakout sessions continued

3:00 p.m.

Completion certification awarded
Adjourn

Workshop dates/ locations

- Feb. 8 Ames, Gateway Hotel & Conference Center
- Feb. 9 Iowa City, Quality Inn & Suites
- Feb. 10 Iowa City, Quality Inn & Suites
- Feb. 11 Ottumwa, Indian Hills Community College
- Feb. 23 Mason City, North Iowa Area Community College
- Feb. 24 Mason City, North Iowa Area Community College
- Feb. 28 Storm Lake, Buena Vista University
- Mar. 1 Sioux City, Western Iowa Tech Community College
- Mar. 2 Council Bluffs, Iowa Western Community College
- Mar. 9 Ames, Gateway Hotel & Conference Center
- Mar. 10 Ames, Gateway Hotel & Conference Center

BREAKOUT SESSIONS

About the breakout sessions

The breakout sessions are tailored to specific types of work zone operations. The format includes small group problem-solving activities.

All breakout sessions are not presented at each workshop.

Vendors and suppliers in the road construction industry may register for the same session as those with whom they do business.

COUNTY

A teaching team experienced with traffic control on county roads will explain how the MUTCD is applied in situations commonly encountered by county work crews.

Secondary roads personnel and others who work on or adjacent to high-speed, low-volume roadways are invited to attend.

Instructors

Pam Olson, Jasper County Engineer's Office

Barry Sieh, Office of Local Systems, Iowa DOT

Tammi Bell, Office of Local Systems, Iowa DOT

County Sessions

- Feb. 8 Ames, Gateway Hotel & Conference Center
- Feb. 10 Iowa City, Quality Inn & Suites
- Feb. 11 Ottumwa, Indian Hills Community College
- Feb. 23 Mason City, North Iowa Area Community College
- Feb. 28 Storm Lake, Buena Vista University
- Mar. 1 Sioux City, Western Iowa Tech Community College
- Mar. 2 Council Bluffs, Iowa Western Community College
- Mar. 10 Ames, Gateway Hotel & Conference Center

CITY

Instructors experienced with traffic control on commercial and urban streets will explain how the MUTCD is applied in situations commonly encountered by city work crews. Examples are taken from lower speed in both high- and low-volume situations. ADA requirements will also be addressed.

Those invited include city street maintenance crews and their supervisors, personnel from city engineering offices, other city employees involved in public works or risk management, and consultants and contractors in the construction industry who work primarily with cities.

Instructors

Jerry L. Graham, Graham Consulting
Tom McDonald, Institute for Transportation

City Sessions

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BREAKOUT SESSIONS

MUTCD changes

Current revisions in the *Manual on Uniform Traffic Control Devices* (MUTCD), particularly Part 6, will be stressed in the workshops.

CEUs

The workshop is eligible for 0.6 continuing education units for an additional \$10. A certificate will be provided.

UTILITY

Utility work can frequently conflict with traffic and put workers in vulnerable locations. In these situations, the principles of safe traffic control are most important, and the MUTCD is always applicable. ADA requirements will also be addressed.

Staff from electric, gas, telephone, cable TV, water works crews, and supervisors are invited to attend.

Instructors

Steve McLaughlin, Iowa Association of Municipal Utilities

Tom McDonald, Institute for Transportation (some sites)

Mary Ann Kinkade, Iowa Association of Municipal Utilities

Utility Sessions

- Feb. 8 Ames, Gateway Hotel & Conference Center
- Feb. 9 Iowa City, Quality Inn & Suites
- Feb. 23 Mason City, North Iowa Area Community College
- Mar. 1 Sioux City, Western Iowa Tech Community College
- Mar. 2 Council Bluffs, Iowa Western Community College
- Mar. 9 Ames, Gateway Hotel & Conference Center

IOWA DOT CONSTRUCTION & CONTRACTORS

The Iowa DOT teaching team will review traffic control fundamentals in work zones, changes and updates in the MUTCD regarding work zones, and Iowa DOT traffic control plans and specification requirements.

Enrollment is open to Iowa DOT construction personnel, road workers, and others working on Iowa DOT projects, including field supervisors and managers of companies performing road construction work. There is a maximum of 3 participants allowed per company for each DOT Construction session.

Instructors

Mark Bortle, Office of Construction, Iowa DOT

Dan Sprengeler, Office of Traffic and Safety, Iowa DOT

Iowa DOT Construction and Contractors Sessions

- Feb. 8 Ames, Gateway Hotel & Conference Center
- Feb. 9 Iowa City, Quality Inn & Suites
- Feb. 11 Ottumwa, Indian Hills Community College
- Feb. 24 Mason City, North Iowa Area Community College
- Feb. 28 Storm Lake, Buena Vista University
- Mar. 2 Council Bluffs, Iowa Western Community College
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IOWA DOT MAINTENANCE

The Iowa DOT instructors will cover traffic control fundamentals, updates in the MUTCD, and Iowa DOT traffic control plans and practices as applied in highway maintenance.

Enrollment is restricted to Iowa DOT maintenance personnel. Iowa DOT staff wishing to register should do so through their supervisor, not through this brochure. Direct any questions to Tom McDonald at the Institute for Transportation at 515-294-6384.

Instructors

Ron Pexa, District 6 Maintenance, Iowa DOT

Bryan Bradley, Office of Traffic and Safety, Iowa DOT

District traffic technicians and maintenance staff

Iowa DOT Maintenance Sessions

- Feb. 8 Ames, Gateway Hotel & Conference Center
- Feb. 9 Iowa City, Quality Inn & Suites
- Feb. 11 Ottumwa, Indian Hills Community College
- Feb. 24 Mason City, North Iowa Area Community College
- Feb. 28 Storm Lake, Buena Vista University
- Mar. 2 Council Bluffs, Iowa Western Community College
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Register online at www.ucs.iastate.edu/workzone

2011 Work Zone Safety Workshops Registration



Register online at www.ucs.iastate.edu/workzone



One participant per form please; photocopying this page is encouraged.

1. Participant Information*

Name _____
 Organization _____
 Field Office _____
 DOT Cost Center _____
 Work Phone _____
 Street Address _____
 City _____
 State _____ Zip Code _____
 County _____
 E-mail _____

2. Payment and Fees

Registration fee: \$75 includes course materials, refreshment breaks, and lunch. Please submit your registration fee before the workshop. If necessary, billing your organization can be arranged. CEU is \$10. Please mark below.

- Check (Payable to Iowa State University)
 Purchase Order No. _____
 Visa MasterCard Discover
 Card No. _____ Exp. Date _____
 Cardholder Name _____
 Signature _____
 CEU (Optional, additional \$10)

Total: \$ _____

*Iowa State University requests this information to preregister you in a conference. No one outside the university, with the exception of participants in this conference, is routinely provided this information. If you fail to provide the required information, we cannot promise accurate registration. (Reference: Iowa Code, Chapter 22.11; Iowa Fair Information Practices Act)

3. Select a Workshop

Participation is limited to 30 per session. Register early to get your top choice.

Choose the category most appropriate to your work. In that column, mark your first (1) and second (2) choice for the date you'd like to attend. You will receive confirmation of your registration by mail informing you of the date and location of your workshop. (DOT Maintenance sessions are specifically designed for DOT staff.)

County	City	Utility	**DOT Construction and Contractors	DOT Maint.
___Feb. 8 Ames	___Feb. 8 Ames	___Feb. 8 Ames	___Feb. 8 Ames**	___Feb. 8 Ames
___Feb. 10 Iowa City	___Feb. 10 Iowa City	___Feb. 9 Iowa City	___Feb. 9 Iowa City**	___Feb. 9 Iowa City
___Feb. 11 Ottumwa	___Feb. 11 Ottumwa	___Feb. 23 Mason City	___Feb. 11 Ottumwa**	___Feb. 11 Ottumwa
___Feb. 23 Mason City	___Feb. 23 Mason City	___Mar. 1 Sioux City	___Feb. 24 Mason City**	___Feb. 24 Mason City
___Feb. 28 Storm Lake	___Mar. 1 Sioux City	___Mar. 2 Council Bluffs	___Feb. 28 Storm Lake**	___Feb. 28 Storm Lake
___Mar. 1 Sioux City	___Mar. 2 Council Bluffs	___Mar. 9 Ames	___Mar. 2 Council Bluffs**	___Mar. 2 Council Bluffs
___Mar. 2 Council Bluffs	___Mar. 10 Ames		___Mar. 9 Ames**	___Mar. 9 Ames
___Mar. 10 Ames				

**Maximum of 3 per company for each DOT Construction session.

4. Submit Registration by Mail, Fax, or Via Web Site

Mail the form to ISU Registration Services, 102 Scheman, Ames, IA 50011-1112, fax the form to 515-294-6223, or register online at www.ucs.iastate.edu/workzone

5. Special Needs and Adverse Weather

If you need accommodations for a disability or a dietary restriction or are concerned about weather cancellations, call the registration desk at 515-294-6222. Please note: Due to scheduling of multiple dates and locations, it is unlikely a session will be cancelled or postponed due to weather.

Register online at www.ucs.iastate.edu/workzone