

# Work Zone Safety Workshops 2007

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

### Sponsors

Center for Transportation  
Research and Education

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

Northeast Iowa Community  
College

Western Iowa Technical  
Community College

Southwestern  
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 Center for Transportation Research and Education at Iowa State University.

### 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 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?

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. 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 \$50 is intended to encourage more 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 Center for Transportation Research and Education at 515-294-6384, [tmcdonal@iastate.edu](mailto:tmcdonal@iastate.edu). For questions about registration, contact the University Conference Services registration desk at 515-294-6222 or [ucs-info@iastate.edu](mailto:ucs-info@iastate.edu).

## Workshop agenda

7:30–8:00 a.m. Registration

8:00–10:00

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

10:15–Noon 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; completion certification awarded

3:00 p.m. Adjourn

## Workshop dates/locations

Feb. 5	Ames, Scheman Building, ISU
Feb. 6	Ames, Scheman Building, ISU
Feb. 13	Calmar, Northeast Iowa Community College
Feb. 14	Iowa City, Quality Inn & Suites
Feb. 15	Iowa City, Quality Inn & Suites
Feb. 16	Ottumwa, Indian Hills Community College
March 7	Mason City, North Iowa Area Community College
March 8	Mason City, North Iowa Area Community College
March 9	Creston, Southwestern Community College
March 27	Council Bluffs, Iowa Western Community College
March 28	Sioux City, Western Iowa Technical Community College
March 29	Storm Lake, Buena Vista University
March 30	Ames, Scheman Building, ISU

## MUTCD changes

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

## 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 rural roadways are invited to attend.

### Instructors

Pam Mix, Jasper County Engineer's Office

Brenda Boell, Office of Local Systems, Iowa DOT

Rod Halverson, Office of Local Systems, Iowa DOT

### County Sessions

Feb. 6	Ames, Scheman Building, ISU
Feb. 13	Calmar, Northeast Iowa Community College
Feb. 15	Iowa City, Quality Inn & Suites
Feb. 16	Ottumwa, Indian Hills Community College
March 7	Mason City, North Iowa Area Community College
March 27	Council Bluffs, Iowa Western Community College
March 28	Sioux City, Western Iowa Technical Community College
March 29	Storm Lake, Buena Vista University
March 30	Ames, Scheman Building, ISU



## 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, Center for Transportation Research and Education

### City Sessions

- Feb. 6 Ames, Scheman Building, ISU
- Feb. 13 Calmar, Northeast Iowa Community College
- Feb. 15 Iowa City, Quality Inn & Suites
- Feb. 16 Ottumwa, Indian Hills Community College
- March 7 Mason City, North Iowa Area Community College
- March 27 Council Bluffs, Iowa Western Community College
- March 28 Sioux City, Western Iowa Technical Community College
- March 30 Ames, Scheman Building, ISU



## 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

Roger Griffith, Iowa Association of Municipal Utilities

Various utility representatives

### Utility Sessions

- Feb. 5 Ames, Scheman Building, ISU
- Feb. 14 Iowa City, Quality Inn & Suites
- March 8 Mason City, North Iowa Area Community College
- March 27 Council Bluffs, Iowa Western Community College
- March 28 Sioux City, Western Iowa Technical Community College
- March 30 Ames, Scheman Building, ISU



## 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, such as field supervisors and managers of companies performing road construction work.

### Instructors

Mark Bortle, Office of Construction, Iowa DOT

Dan Sprengeler, Office of Traffic and Safety, Iowa DOT

### Iowa DOT Construction and Contractors Sessions

- Feb. 5 Ames, Scheman Building, ISU
- Feb. 14 Iowa City, Quality Inn & Suites
- Feb. 16 Ottumwa, Indian Hills Community College
- March 8 Mason City, North Iowa Area Community College
- March 27 Council Bluffs, Iowa Western Community College
- March 29 Storm Lake, Buena Vista University
- March 30 Ames, Scheman Building, ISU



## 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 Susan Fultz at 515-239-1076.

### Instructors

Dan Houston, Iowa DOT Traffic Technician

District traffic technicians and maintenance staff

### Iowa DOT Maintenance Sessions

- Feb. 5 Ames, Scheman Building, ISU
- Feb. 13 Calmar, Northeast Iowa Comm. College
- Feb. 14 Iowa City, Quality Inn & Suites
- Feb. 15 Iowa City, Quality Inn & Suites
- Feb. 16 Ottumwa, Indian Hills Comm. College
- March 8 Mason City, North Iowa Area Community College
- March 9 Creston, Southwestern Comm. College
- March 27 Council Bluffs, Iowa Western Community College
- March 28 Sioux City, Western Iowa Technical Community College
- March 29 Storm Lake, Buena Vista University
- March 30 Ames, Scheman Building, ISU

# Work Zone Safety Workshops 2007 Registration

Register online at  
[www.ucs.iastate.edu/online.htm](http://www.ucs.iastate.edu/online.htm)

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 \_\_\_\_\_

## 2. Payment and Fees

Registration fee: \$50 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: \$ \_\_\_\_\_

## 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. 6, Ames	___ Feb. 6, Ames	___ Feb. 5, Ames	___ Feb. 5, Ames	___ Feb. 5, Ames
___ Feb. 13, Calmar	___ Feb. 13, Calmar	___ Feb. 14, Iowa City	___ Feb. 5, Ames	___ Feb. 13, Calmar
___ Feb. 15, Iowa City	___ Feb. 15, Iowa City	___ March 8, Mason City	___ Feb. 14, Iowa City	___ Feb. 14, Iowa City
___ Feb. 16, Ottumwa	___ Feb. 16, Ottumwa	___ March 27, Council Bluffs	___ Feb. 16, Ottumwa	___ Feb. 15, Iowa City
___ March 7, Mason City	___ March 7, Mason City	___ March 28, Sioux City	___ March 8, Mason City	___ Feb. 16, Ottumwa
___ March 27, Council Bluffs	___ March 27, Council Bluffs	___ March 30, Ames	___ March 27, Council Bluffs	___ March 8, Mason City
___ March 28, Sioux City	___ March 28, Sioux City		___ March 29, Storm Lake	___ March 9, Creston
___ March 29, Storm Lake	___ March 30, Ames		___ March 30, Ames	___ March 27, Council Bluffs
___ March 30, Ames				___ March 28, Sioux City
				___ March 29, Storm Lake
				___ March 30, Ames

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

Mail the form to registration desk, University Conference Services, 102 Scheman, Ames, IA 50011-1112, fax the form to 515-294-6223, or register online at [www.ucs.iastate.edu/online.htm](http://www.ucs.iastate.edu/online.htm)

## 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.