



## Sign Retroreflectivity Requirements

### *New National Standards--What it means to you!*

excerpt from *Maintaining Traffic Sign Retroreflectivity* (2007),  
Publication No. FHWA-SA-07-020

Traffic signs provide important information to drivers at all times, both day and night. To be effective, their visibility must be maintained. The 2003 Manual on Uniform Traffic Control Devices (MUTCD) addresses sign visibility in several places, including Sections 1A.03, 1A.04, 1A.05, 2A.06, 2A.08, and 2A.22. These sections address factors such as uniformity, design, placement, operation, and maintenance. Previously, the MUTCD did not specify minimum retroreflectivity levels.

The second revision of the 2003 MUTCD introduced new language establishing minimum retroreflectivity levels that must be maintained for traffic signs. Agencies have until January 2012 to establish and implement a sign assessment or management method to maintain minimum levels of

sign retroreflectivity. The compliance date for regulatory, warning, and ground-mounted guide signs is January 2015. For overhead guide signs and street name signs, the compliance date is January 2018.

The new standard in Section 2A.09 requires that agencies maintain traffic signs to a minimum level of retroreflectivity outlined in Table 2A-3 of the MUTCD (see the partial table on page 3; the full table can be seen on-line at [http://safety.fhwa.dot.gov/roadway\\_dept/retro/sa07020/index.htm#table2a3#table2a3](http://safety.fhwa.dot.gov/roadway_dept/retro/sa07020/index.htm#table2a3#table2a3)). The Federal Highway Administration (FHWA) believes that this proposed change will promote safety while providing sufficient flexibility for agencies to choose a maintenance method that best matches their specific conditions.

Including Table 2A-3 in the MUTCD does not imply that an agency must measure the retroreflectivity of every sign. Rather, the new MUTCD language describes five methods that agencies can use to maintain traffic



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sign retroreflectivity at or above the minimum levels. Agencies can choose from these methods or combine them. Agencies are allowed to develop other appropriate methods based on engineering studies. However, agencies should adopt a consistent method that produces results that correspond to the values in Table 2A-3.

The new MUTCD language recognizes that there may be some individual signs that do not meet the minimum retroreflectivity levels at a particular point in time. As long as the agency with jurisdiction



## New MUTCD Minimum Retroreflectivity Compliance Periods

- Four years (January 2012) for implementation and continued use of an assessment or management method that is designed to maintain traffic sign retroreflectivity at or above the established minimum levels;
- Seven years (January 2015) for replacement of regulatory, warning, and ground-mounted guide (except street name) signs that are identified using the assessment or management methods as failing to meet the established minimum levels; and
- Ten years (January 2018) for replacement of street name signs and overhead guide signs that are identified using the assessment or management method as failing to meet the established minimum levels.

is maintaining signs in accordance with Section 2A.09 of the MUTCD, the agency will be considered to be in compliance.

### Maintaining Minimum Retroreflectivity (New MUTCD Section 2A.09)

There are two categories of methods that agencies can use to maintain sign retroreflectivity at or above the MUTCD minimum maintained retroreflectivity levels:

1. [Assessment methods](#) (see number 1, 2 and 5 below), and
2. [Management methods](#) (see number 3 and 4 below).

Except for those signs specifically identified in the Option portion of this Section, one or more of the following assessment or management methods should be used to maintain sign retroreflectivity:

1. [Visual Nighttime Inspection](#)—The retroreflectivity of an existing sign is assessed by a trained sign inspector conducting a visual inspection from a moving vehicle during nighttime conditions. Signs that are visually identified by the inspector to have retroreflectivity below the

minimum levels should be replaced.

2. [Measured Sign Retroreflectivity](#)—Retroreflectivity is measured using a retroreflectometer. Signs with retroreflectivity below the minimum levels should be replaced.
3. [Expected Sign Life](#)—When signs are installed, the installation date is labeled or recorded so that the age of a sign is known. The age of the sign is compared to the expected sign life. The expected sign life is based on the experience of sign retroreflectivity degradation in a geographic area compared to the minimum levels. Signs older than the expected life should be replaced.
4. [Blanket Replacement](#)—All signs in an area/corridor, or of a given type, should be replaced at specified intervals. This eliminates the need to assess retroreflectivity or track the life of individual signs. The replacement interval is based on the expected sign life, compared to the minimum levels, for the shortest-life material used on the affected signs.
5. [Control Signs](#)—Replacement of signs in the field is based on the performance of a sample of

New MUTCD Table 2A-3. Minimum Maintained Retroreflectivity Levels (1)

Sign Color	Sheeting Type (ASTM D4956-04)				Additional Criteria
	Beaded Sheeting			Prismatic Sheeting	
	I	II	III	III, IV, VI, VII, VIII, IX, X	
White on Green	$W_{\text{min}}^{\text{a}}$ ; $G \geq 7$	$W_{\text{min}}^{\text{a}}$ ; $G \geq 15$	$W_{\text{min}}^{\text{a}}$ ; $G \geq 25$	$W \geq 250$ ; $G \geq 25$	Overhead
	$W_{\text{min}}^{\text{a}}$ ; $G \geq 7$	$W \geq 120$ ; $G \geq 15$			Ground-mounted
Black on Yellow or Black on Orange	$Y_{\text{min}}^{\text{a}}$ ; $O_{\text{min}}^{\text{a}}$	$Y \geq 50$ ; $O \geq 50$			(2)
	$Y_{\text{min}}^{\text{a}}$ ; $O_{\text{min}}^{\text{a}}$	$Y \geq 75$ ; $O \geq 75$			(3)
White on Red	$W \geq 35$ ; $R \geq 7$				(4)
Black on White	$W \geq 50$				—

1 The minimum maintained retroreflectivity levels shown in this table are in units of  $cd/lx/m^2$  measured at an observation angle of  $0.2^\circ$  and an entrance angle of  $-4.0^\circ$ .

2 For text and fine symbol signs measuring at least 1200 mm (48 inches) and for all sizes of bold symbol signs

3 For text and fine symbol signs measuring less than 1200 mm (48 inches)

4 Minimum Sign Contrast Ratio  $\geq 3:1$  (white retroreflectivity  $\div$  red retroreflectivity)

<sup>a</sup> This sheeting type should not be used for this color for this application.

control signs. The control signs might be a small sample located in a maintenance yard or a sample of signs in the field. The control signs are monitored to determine the end of retroreflective life for the associated signs. All field signs represented by the control sample should be replaced before the retroreflectivity levels of the control sample reach the minimum levels.

6. Other Methods—Other methods developed based on engineering studies can be used.

Additional information about these methods is contained in the 2007 Edition of FHWA’s “Maintaining Traffic Sign Retroreflectivity” (see Section 1A.11). A full report on these methods can be found at [www.fhwa.dot.gov/retro](http://www.fhwa.dot.gov/retro).

Highway agencies may exclude the following signs from the retroreflectivity maintenance guidelines described in this Section:

1. Parking, Standing, and Stopping signs (R7 and R8 series)

2. Walking/Hitchhiking/Crossing signs (R9 series, R10-1 through R10-4b)
3. Adopt-A-Highway signs
4. All signs with blue or brown backgrounds
5. Bikeway signs that are intended for exclusive use by bicyclists or pedestrians

The Utah LTAP Center will be conducting briefings, workshops, and training courses on the sign retroreflectivity requirements and the assessment methods for Utah local agencies.

The Center will also provide copies of the New MUTCD Table 2A-3, "Minimum Maintained Retroreflectivity Levels," along with a power point CD addressing the MUTCD requirements in greater detail for local Utah agencies upon request. Please call the Utah LTAP Center at 1-800-822-8878 or e-mail us at [\[utahltap@usu.edu\]](mailto:utahltap@usu.edu)!

## Methods to Maintain Minimum Retroreflectivity

### Assessment Methods

- Visual Nighttime Inspection
- Measured Sign Retroreflectivity
- Control Signs

### Management Methods

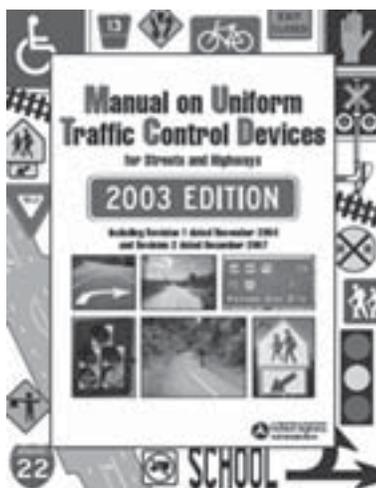
- Expected Sign Life
- Blanket Replacement

*Or, another method developed based on engineering studies.*



# Comment Period for MUTCD Notice of Proposed Amendments to Close July 31, 2008

from Hari Kalla, P.E., MUTCD Team Leader,  
FHWA, Office of Operations



The MUTCD notice of proposed amendments (NPA) was published in the Federal Register January 2, 2008. The comment period will close on July 31, 2008. The Federal Register Notice is posted on the MUTCD Web site [<http://mutcd.fhwa.dot.gov>]. Also, for the convenience of reviewers, the following documents have been posted on the MUTCD Web site:

- Proposed Text.** This is available in two formats:
- Showing Revisions from 2003 Edition--The complete proposed text of the next edition of the MUTCD, with proposed new text shown in blue and underlined, and existing 2003 text proposed for deletion shown in red and struck out, and with explanatory notes as appropriate.
  - Clean Text--The complete pro-

posed text of the next edition of the MUTCD as it would appear if adopted.

**Proposed Figures.** This includes all figures for the next edition of the MUTCD, including existing figures (incorporating proposed revisions) and proposed new figures. A "change list" of proposed revisions to figures is also available to assist in review.

**Proposed Tables.** This includes all tables for the next edition of the MUTCD, including existing tables (incorporating proposed revisions) and proposed new figures. A "change list" of proposed revisions to tables is available to assist in reviews.

Please feel free to forward all NPA related inquiries to Hari Kalla, P.E., MUTCD Team Leader, FHWA, Office of Operations by phone at (202) 366-5915, fax at (202) 366-3225 or e-mail at [[Hari.Kalla@dot.gov](mailto:Hari.Kalla@dot.gov)].



## National Work Zone Awareness Week April 7-11, 2008

Since 1999, one week each year has been set aside for a special campaign to focus on work zone awareness. This week, typically in early spring and before the construction season starts in earnest, gives state and local agencies an opportunity to educate the traveling public on the need to be aware of the dangers not only to themselves but also to the workers inside work zones.

The theme this year is "Slow Down in the Cone Zone," and features an orange ribbon in remembrance. For more information, please visit [[http://www.atssa.com/cs/root/news\\_pr/nwzaw\\_2008](http://www.atssa.com/cs/root/news_pr/nwzaw_2008)].

## Utah Construction Career Days

April 22-23, 2008

Bridgerland Applied Technology College (BATC), Logan

April 29-May 1, 2008

Davis County Fairgrounds, Farmington

You can find out more at the Utah Construction Career Days Web site [<http://www.utahccd.org/>] or contact Pam Pyle at the Utah LTAP Center by calling 1-800-822-8878.

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# Webinars & Video Conferencing Provide Convenient, Cost Effective Training

With the rising cost of gasoline making travel cost prohibitive, it takes some creativity to find a way to get the training you need to keep up on the latest in the field of transportation and public works. But, there is a way to stay current close to home and even without leaving the office! The solution is distance learning, webinars and video conferencing!

The Utah LTAP Center is here to help! By tapping into modern technology and resources it is now possible for local Utah agencies, to receive training and technical assistance through web/video conferencing and webinars. These tools provide the advantages of low or no travel costs, lower training costs, broader opportunities for participation, expanded instructor base, improved networking among participants, and personal instruction, to mention just a few.

The Center started by conducting a video conferencing peer exchange program, called WASHTO-X, on various topic areas for several of the Western State DOT's. Over the last three years of that program, participation has grown. The results of participant surveys indicate that on the average 30% indicated they plan to change the way they do business, 90% plus indicated they would attend future events and that the event expanded their network.

Persons interested in this program may go to the WASHTO-X Web site [<http://www.washto-x.org>] for downloads of past programs and a schedule of upcoming events.

Now the Center is expanding the use of this technology to provide technical assistance and training to our local agency customers. The Center is now offering Webinars on various topics monthly, in partnership with other organizations. We encourage participation in these webinars based on your respective areas of interest. The following webinar is upcoming:

## **In-Place Recycling Webinar** **April 22, 2008 (10-11 am PDT)** **Cost: FREE**

This program is hosted in partnership with NHI. Pre-registration is required. To register, go to [[https://www.nhi.fhwa.dot.gov/resources/webconference/web\\_conf\\_learner\\_reg.aspx?webConfID=13647](https://www.nhi.fhwa.dot.gov/resources/webconference/web_conf_learner_reg.aspx?webConfID=13647)]. Don't miss your chance to learn more about sustainability, cost and performance for in-place recycling.

And, the Utah LTAP Center isn't the only organization offering webinars and other web/video conference training. See below for more webinars and training opportunities for you. All you need is a computer, internet access and a phone line.

## **NHI Webinars**

<https://www.nhi.fhwa.dot.gov/resources/webconference/>

NHI hosts free webinars on "Real Solutions" featuring special guest speakers presenting solutions to issues faced in the field and how those problems were solved. For more information, go to the Web site (above) or e-mail [[Webconferencing@dot.gov](mailto:Webconferencing@dot.gov)].

## **ATSSA Webinars**

[http://www.atssa.com/cs/root/education\\_certification/atssa\\_webinars](http://www.atssa.com/cs/root/education_certification/atssa_webinars)

Check the ATSSA Web site (above) for more information about their webinar offerings.

## **ACPA Webinars**

[http://www.pavement.com/Events\\_and\\_Programs/Education\\_and\\_Training/Webinar-Training-2008.pdf](http://www.pavement.com/Events_and_Programs/Education_and_Training/Webinar-Training-2008.pdf)

ACPA is offering a series of sixteen (16) Webinars during 2008. Below are those sessions during April/May/June of 2008. You can find out more on their Web site (listed above).

- Life Cycle Cost Basics (April 4, 2008)
- Thickness Design for Municipal Pavements (April 18, 2008)
- Concrete Pavement Materials (IMCP based) (May 2, 2008)
- Curing (May 13, 2008)
- Slipform Paving Operations (June 20, 2008)

Each Webinar is held from 10-11 am CDT. The cost for ACPA Webinars is \$25/Webinar. CEU credits are available. For more information and to register, please visit their Web site (listed above).

## **ITE**

[http://www.ite.org/education/webinars\\_faqs.asp](http://www.ite.org/education/webinars_faqs.asp)

Check the ITE Web site (above) for more information about their webinar offerings.



# UDOT Local Government Programs Corner

by A. Matthew Swapp, P.E., UDOT Local Government Programs Engineer

## Annual Visits

UDOT's annual Local Government visits are scheduled to begin the last week of March. One meeting is held in each of Utah's 29 counties. County and city officials are invited to meet with UDOT staff.

This is an opportunity for local government officials to visit with the UDOT personnel about area concerns, receive updates on current programs, and receive training in specific Local Government related program areas.

The current annual visits schedule along with a typical agenda is posted on the UDOT Web site under Local Government Assistance/Annual Visits.

## UDOT Cost Estimating Form On-line

The UDOT Project Development Group has developed a project cost estimating spreadsheet that is used by UDOT for their various projects. This spreadsheet incorporates yearly inflation rates and project contingencies to help balance the recent rise project construction costs. We encourage local governments to use this same tool as they prepare estimates for their applications for federal aid project funds. Download the form at the following Web address: [www.udot.utah.gov](http://www.udot.utah.gov) (then link to "local government assistance," "non-urban fund ap-

plication form," and "concept cost estimating form." We will be discussing this tool further during our annual visits.

## Local Bridge Issues

Roughly a year ago load restriction signing was recommended by the UDOT bridge inspection team for a number of local bridges around the state. Most of those bridge locations have since been posted with appropriate advisory signing.

A number of locations however still have not been signed. During the upcoming annual visits we plan to bring up this issue and will encourage this effort to be completed.

## Transportation Enhancement Program

As many of you have been aware, the Transportation Enhancement Program has been on hold this

past year as part of a program review. No project applications were received this past January.

This has all been part of an effort to keep the financial side of the program in balance and to review the status of projects currently in the STIP.

We are happy to announce that the projects that were recommended in February 2007 by the Enhancement Advisory Committee, but that have been on hold, are now expected to go before the Transportation Commission for funding approval at their March meeting. Construction year is anticipated to be 2011.

It is our intent to accept applications for new enhancement projects this coming January 2009. An updated Transportation Enhancement application form will be placed on the UDOT Web site in mid-summer.

## UDOT Local Government Program 2008 Calendar

April 2008	Joint Highway Committee Semi-Annual Meeting in St. George (approval of recommended projects for STIP)
April 2008	Road School Meetings in St. George
April 2008	Annual Utah Transportation Commission STIP Workshop
March-May 2008	UDOT Annual Local Government Visits to Utah Counties & Cities
June 2008	UDOT, MPO, and Other projects assembled in draft STIP
July 2008	Draft STIP approved by Commission to go out for Public Comment
August 2008	STIP to FHWA and FTA for final review
October 2008	New 2009 STIP in place



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# About the Stormwater Advisory Committee (SWAC)

Dan Woodbury, SWAC Chairman, Sandy City Public Utilities

## Mission Statement

The mission of the Utah Stormwater Advisory Committee is to coordinate efforts to reduce stormwater pollution and provide adequate flood control. The committee will jointly review governing regulations, disseminate information to enhance compliance with those regulated, promote effective stormwater management training, and assist local municipalities and other interested parties to implement best management practices, consistent with their individual needs and resources.

This committee will also review any proposed stormwater regula-

tions to assess potential impacts on the regulated community.

## Role of the Storm Water Advisory Committee

The role of the SWAC is to provide local governments and their citizens and businesses with information on stormwater regulations and requirements of the State and Federal government. In addition to information, how communities and businesses may implement a stormwater program (as per the regulations) can be discussed and ideas exchanged. The concept is to allow for development and implementation of appropriate stormwater programs throughout communities in the State of Utah.

In order to be more effective the SWAC has organized three subcommittees. These subcommittees are:

1. Stormwater inspection training program development
2. Stormwater model ordinance development
3. SWAC web page development

The SWAC meets the second Wednesday of every month at the Department of Environmental Quality, Building #2, Room 201 from 10:30 a.m. until 12:00 Noon.

For more information, please contact SWAC Chairman, Dan Woodbury with Sandy City Public Utilities by phone (801) 568-7280 or e-mail [dwoodbury@sandy.utah.gov].

## Work Zones and the Public: A Dangerous Mix

excerpt from the Utah Safety Council ([www.utahsafetycouncil.org](http://www.utahsafetycouncil.org))

There's no denying it, construction work zones are here to stay in Utah. Although necessary to improve our cities and neighborhoods, work zones create potential safety hazards. Inevitably, at some point, you will encounter a work zone either on foot or in your car. To ensure your safety (and the safety of others), it's important to follow some simple safety guidelines.

The single, safest option is to avoid the work zone area. However, if you're not able to avoid the work zone, the Utah Safety Council offers the following tips for safe travel through the area:

- Obey ALL work zone signs, pavement markings and personnel.

- Be conscious of moving construction vehicles and other unexpected hazards.
- Watch where you're going and concentrate on safely getting through the work zone. Don't get distracted by construction activity.

Work zone signs and pavement markings provide important safety cues, to both drivers and pedestrians:

- Orange Work Zone Signs: Communicate the situation and how to safely proceed.
- Pavement Markings: Painted or taped lines on the pavement defining vehicle travel lanes and pedestrian paths.

### For More Information

#### Utah LTAP Center

<http://www.utahltap.org/>  
1-800-822-8878

#### Utah Department of Transportation

<http://www.dot.state.ut.us>

#### USDOT Federal Highway Administration

<http://www.tfhr.gov/safety/pedbike/issues/workzone.htm>

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# Join Us for the Corridor Safety Showcase

*April 24, 2008 in Portland, Oregon*

You are invited to participate in the National Showcase of the Corridor Safety Program on Thursday, April 24, 2008 in Portland, Oregon. This one day event will feature presentations and Q&A with Washington State Corridor Safety Program leaders and local project participants from the City of Vancouver, WA and from Skamania County, WA. The Washington State Corridor Safety Program works to reduce collisions on roadways using low-cost, near-term solutions through the use of partnerships with engineering, enforcement, education, and emergency services. The program is locally coordinated in each community and involves partnerships with local agency governments, inter-

ested citizens, businesses, schools, and any other agencies with a vested interest in the safety of their roadways.

This showcase will provide an opportunity for information to be shared about how a project is coordinated and completed from the perspectives of engineering, enforcement, and public awareness. In addition, field visits will be conducted to both urban and rural project locations to see improvements that were made and to talk with project participants.

This Showcase will run in conjunction with the National Association of County Engineers (NACE) Confer-

ence, however registration is an additional \$50 per person (includes a box lunch and showcase transportation) and you must register separately to attend. Registration forms and information is available online at [www.utahltap.org](http://www.utahltap.org).

Hotel reservations are on your own and can be made at with Conference hotel by calling the Double Tree Lloyd Center Hotel at (503) 281-6111. For further information please call (435) 797-2931 or e-mail [utahltap@usu.edu](mailto:utahltap@usu.edu). Information regarding the Annual NACE Conference can be found at [countyengineers.org](http://countyengineers.org).



# Join Us for the Maintenance Decision Support System (MDSS) Showcase

*May 28, 2008 in Omaha, Nebraska*

Since 1999, the Federal Highway Administration's (FHWA) Road Weather Management Program has invested in the development of a Maintenance Decision Support System (MDSS) to help highway maintenance agencies provide for the safety and mobility of the traveling public. Through partnerships with consortium of national laboratories and a stakeholder community of public, private and academic sector participants,

the MDSS has evolved from concept to a functioning application.

Generally speaking, MDSS is a computer-based, customizable tool that provides winter maintenance personnel with route-specific weather forecast information, treatment recommendations and training for new personnel using customized rules of practice. This translates into a safer and more efficient transportation system.

Nebraska. This program is part of the FHWA Product Demonstration Showcase program and is sponsored by the FHWA, Nebraska Department of Roads (NDOR), AASHTO, and National LTAP and TTAP programs. The showcase features demonstrations of MDSS from state and local agencies, plus discussion mobile data collection and MDSS deployment issues.

You can register and find more information on the conference (and hotel accommodations) on-line at [www.utahltap.org](http://www.utahltap.org). You can also call (435) 797-2931 or email [utahltap@usu.edu](mailto:utahltap@usu.edu).

You are invited to learn more at the MDSS Showcase on May 28, 2008 at the Scott Conference Center in Omaha,

# Spring Into LTAP Workshops

Below you will find a current list of the workshops being offered by the Utah LTAP Center. You can also request one of our on-demand workshops! Check our Web site for up-to-date information as workshops and locations are added!

## ADA Training

- April 23, 2008 (St. George)\*
- May 29, 2008 (Vernal)

Cost: \$40

Time: 8 am-12 pm

\*as part of Road School the cost is \$25/person

## ATSSA Flagger Training

- April 7, 2008 (Logan)--AM
- April 23, 2008 (St. George)--PM\*
- May 12, 2008 (Moab)

Cost: \$40

Time: 8 am-12 noon (AM session), 1-5 pm (PM session)

\*as part of Road School the cost is \$25/person

*Participants will need to download and bring a copy of the UDOT Flagger Handbook found on UDOT's Web page (search under "Flagger Handbook").*

## ATSSA Traffic Control Technician (TCT)

- April 24, 2008 (St. George)
- May 5, 2008 (Logan)
- May 13, 2008 (Moab)

Cost: \$100.00 (state and local personnel); \$125.00 (out-of-state or private sector personnel)

Time: 8 am-4 pm (lunch on your own)

## ATSSA Traffic Control Supervisor (TCS)\*

- May 6-7, 2008 (Logan)
- May 14-15, 2008 (Moab)

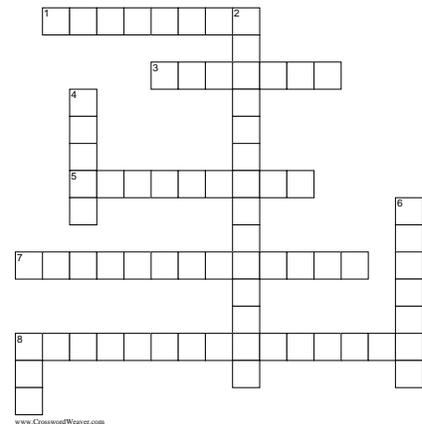
Cost: \$250.00 (state and local agency personnel); \$275.00 (out-of-state or private sector personnel)\*\*

Time: 8 am-4 pm each day (lunch on your own)

\*TCT course is required before taking this course

\*\*TCS Certification is an additional cost (\$105 for ATSSA members; \$130 for non-members)

## Test Your Flagger Knowledge



### ACROSS

- 1 It is not typical to use flaggers on these roads.
- 3 A factor influencing a driver's behavior
- 5 A distraction for a flagger
- 7 Not an approved option for communicating between flaggers
- 8 When flagging at night, the flagger's clothing shall be this.

### DOWN

- 2 A sign with 8 sides.
- 4 The federal standards and guidelines for Flagger.
- 6 Sign set up ahead of you when you are flagging.
- 8 Color of Flags used for Emergencies

## Road Safety Audit (RSA)

- April 14-15, 2008 (SLC)
- April 16-17, 2008 (Washington City)\*

Cost: \$60

Time: 8 am-4:30 pm (each day)

\*April 16th will run from 12 noon-4:30 pm only

## Workshop Registration

Use on-line registration at our Web site [[www.utahltp.org](http://www.utahltp.org)] OR...

1. Circle the bullet beside the workshop date you want to register for.
2. Complete the form (left).
3. Fax the entire page to the LTAP Center at (435) 797-1582.

## Questions?

**Call 1-800-822-8878!**

### Utah LTAP Center Spring 2008 Workshop Registration Form

Name: \_\_\_\_\_

Agency/Supervisor Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ FAX: \_\_\_\_\_

E-mail: \_\_\_\_\_

Total Workshops Registered For: \_\_\_\_\_ Total Amount Due: \_\_\_\_\_

Method of Payment (Please check one) **Federal Tax ID #87-6000528**

Check enclosed  Agency PO (Number: \_\_\_\_\_)

Credit Card (Visa/MC/Discover) #: \_\_\_\_\_ Exp. date: \_\_\_\_\_

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# Partner Happenings

## What You Should Know...



### Utah League of Cities & Towns

If you desire more information on League activities, or to register for a League sponsored event, please call the Utah League of Cities & Towns directly at (801) 328-1601 or 1-800-852-8528 or go to their Web site [[www.ulct.org](http://www.ulct.org)].

#### Mid-Year Conference

- April 9-11, 2008 (St. George)
- The complete agenda, registration and hotel information is available on-line!

#### Road School

- April 22-25, 2008 (St. George)
- Presented in cooperation with the Utah LTAP Center, UDOT and the counties, this conference is specifically for public works department personnel from throughout the state. Workshops present state-of-the-art techniques, money-saving alternatives, EPA compliance regulations, safety procedures, and management skills. The conference provides an opportunity to exchange ideas, as well as to visit with vendors offering new equipment and techniques.

The complete agenda, registration and hotel information are now online!

**EVERYTHING** you need  
to know about  
**ROAD SCHOOL**  
can be found right here...

<http://www.ulct.org/ulct/training/roadschool.jsp>

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### Utah Association of Counties

For more information on UAC activities, or to register for a UAC sponsored event, please call them directly at (801) 265-1331 or go to their Web site [[www.uacnet.org](http://www.uacnet.org)].

#### UAC Management Conference

- April 16-18, 2008 (Salt Lake City)
- Cost: \$285 for County Officials; Guest Price for Lunch only \$25; Guest Price for Dinner only \$30 (or \$55 for both); \$570 for non-county officials.
- The keynote speaker this year is Larry H. Miller. He will be speaker about public/private partnerships that work. Registration forms and information are available on-line at the UAC Web site.



### ITE, Utah Chapter

For information on ITE activities, please contact Andy Powell by e-mail at [[Andy.Powell@URSCorp.com](mailto:Andy.Powell@URSCorp.com)]. ITE, Utah Chapter monthly luncheons are generally held on the third Tuesday of each month starting at 12 noon at the Chinese Gourmet Restaurant in Murray (4500 South State Street).

#### ITE Monthly Luncheons

- April 15, 2008
- June 17, 2008

#### Annual Intermountain Section Meeting

- May 15-17, 2008 (Jackson Hole, WY)
- For registration information, please visit [[www.westernite.org/Sections/intermountain/index.html](http://www.westernite.org/Sections/intermountain/index.html)]. In combination with their annual section meeting, ITE also hosts a workshops each year. This year's workshop is "Traffic Impact Analysis" and is presented by the Northwestern University Center for Public Safety Course. The course runs from May 13-15, 2008.



### APWA, Utah Chapter

For more information on APWA activities please visit their Web site [<http://utah.apwa.net>]. Chapter meetings will be held at The Gathering Place in West Jordan at Gardner Village (1100 W 7800 South) or Ruby River in Provo.

#### Monthly Luncheons

- 11:30 am lunch, 12 noon speaker
- April 24, 2008 (The Gathering Place)
  - May 15, 2008 (Ruby River)
  - June 26, 2008 (Lake City International)

#### Annual Golf Tournament

- May 20, 2008 (TBA)

#### Annual Awards Banquet

- May 22, 2008 (Thanksgiving Point)
- 6:00 pm social, 6:30 pm dinner



### Utah Local Governments Insurance Trust

For information on training and other Trust activities, please call 1-800-748-4440. You can also check out the Trust Web site at [[www.ulgt.org](http://www.ulgt.org)].

#### Special Events

- May 14, 2008 (9-10am)--Trust
- Cost: free
- Brent Halladay, Assistant Fire Marshall, will be speaking on Special Events (including fireworks).

#### Police Liability

- May 20, 2008 (9am-3pm)--Trust
  - May 21, 2008 (9am-3pm)--Washington City
- Cost: \$55/person
- Jack Ryan will teach on Police Liability

# Don't Forget Public Works Week...May 18-24, 2008

Pre-registration for these programs is required. Please Contact Marilynn Beesley (800) 748-4440 x1302 or mbeesley@ulgt.org to register.



"Serving Utah Municipalities"

## Utah Risk Management Mutual Association

For more information or to register for URMMA training activities, please call Joanne Glantz at (801) 225-6692. You can also check out their Web site at [www.urmma.org].



## Utah Safety Council

For more information or to register for Utah Safety Council training activities, please call (801) 478-7878 or 1-800-933-5943 or e-mail [safety@utahsafetycouncil.org]. You can also check out their Web site at [www.utahsafetycouncil.org]. All workshops are offered at their location (1574 W 1700 S, Lower Level, Salt Lake City) and some are even offered on-line. Online registration forms and scholarship applications are available at their Web site.

### First Aid, CPR and AED for Business

- April 18, 2008
- May 16, 2008
- June 19, 2008

This course supplies participants with the most up-to-date First Aid, CPR and AED training.

### Traffic Safety Management Seminar

- April 16, 2008

Cost: \$25 per person

This one-day course, sponsored by the Utah Network of Employers for Traffic Safety

(NETS), will cover the seven components of a workplace traffic safety program. These include gaining management commitment, assessing risks, developing an action plan, designing policies, providing employee training and evaluating programs. Tuition is for cost of materials only.

### Safety Inspections

- May 29, 2008

Cost: \$210 (member), \$299 (non-member)

This workshop provides an overview of the safety and health inspection process, and then examines specific techniques to improve the process. Participants learn to develop and use checklists in continuous and formal safety inspections.

### Dynamics of Fleet Safety Instructor Course

- June 4, 2008

Cost: \$260 (member), \$370 (non-member)

The typical on-the-job vehicle crash with minor injuries costs an employer \$7,500. For just a fraction of that cost, you can train your fleet to drive safely and avoid collisions. The Dynamics of Fleet Safety program is designed for safety supervisors and managers of all types of fleets - trucks, buses and motor coaches, cars, vans, motorcycles and forklifts - from a wide range of industries. Created by fleet safety managers, for fleet safety managers. You'll get the complete Dynamics of Fleet Safety instructor kit.



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## Blue Stakes of Utah

For more information on the services and activities of Blue Stakes of Utah, please visit their Web site or contact their notification center.

# Advisory Board

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Utah Department of Transportation

**Kevin Womack, P.E., Ph.D**  
Utah State University

The Utah LTAP Center Advisory Board meets at least twice annually to make recommendations and evaluate the effectiveness of the program.

Utah LTAP Center

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# THANKS!



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### About the Utah LTAP Center

The Utah LTAP Center is an integral part of a nationwide Local Technical Assistance Program (LTAP) financed by the Federal Highway Administration, state departments of transportation and local transportation agencies. The Center bridges the gap between research and practice by translating the latest state-of-the-art technology in transportation into implementable products and information for the special use of local transportation agencies and personnel.

### About *On the Move*

*On the Move* is published quarterly by the Utah LTAP/Transportation Technology Transfer Center at Utah State University. Subscriptions are free and are available by contacting the Utah LTAP Center. Articles may be submitted to the editor at the above address. To obtain permission to reprint any articles from *On the Move*, please call the Center.

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