Zero Fatalities--A Goal for Life
by Doyt Y. Bolling, Director, Utah LTAP Center &
Robert Hull, Traffic & Safety Engineer, UDOT

With ever increasing miles traveled on the road ways of Utah and the nation, the risk of having a crash rises. A high percentage of these crashes result in fatalities. In response, major efforts are being launched both nationally and within Utah to reduce crashes and eliminate fatalities on our road ways. Although the number of fatalities has been dropping each year, there are still too many occurring. If one thinks of his own family and circle of friends, just how many fatalities would you consider acceptable within this circle? The obvious answer is zero!

Zero Fatalities Program

In 2006, several organizations came together to introduce the goal of reaching zero fatalities in Utah.

The Zero Fatalities program is a united effort of the federal government, state agencies, and public and private businesses to attack the top five contributing factors that contribute to fatalities on Utah roads:

1. Drowsy Driving,
2. Distracted Driving
3. Aggressive Driving
4. Impaired Driving, and
5. Not Buckling-up.

If you were to ask yourself how many and how often have you contributed to any of these driving behaviors, what would your answer be? The Zero Fatalities Program is an extensive public education program designed to convince adults, teens, children, community, business and political leaders that we need to change today’s driving behaviors. We need to adopt the philosophy of Zero Fatalities for ourselves, our families, and our communities.

Zero Fatalities Program Initiatives

Through powerful TV and radio commercials, public events, Internet content, driver education classes,
and local media stories, drivers are being encouraged to adopt a philosophy of zero fatalities. The Zero Fatalities Program has been presented to and received endorsements from politicians, planning organizations, law enforcement officials, drivers education instructors, high school counselors and students, private businesses, city councils, and other community leaders.

**Why the Zero Fatalities Program?**

Over the past five years there has been a steady decline of fatalities in Utah. Even though there are more people living in Utah and people are driving more, fewer people are losing their lives on Utah’s roads. In 2000, 373 people lost their lives on Utah’s roads. Fortunately, more people are living each year, because the number of fatalities in Utah has consistently dropped every year; most recently to 282 fatalities in 2005—a 24 percent decrease, compared to 2000. While a 24 percent reduction in fatalities is great progress, is that cause to celebrate? Should we be happy that 282 people died on Utah roads last year, instead of the 373 deaths five years ago? Obviously not! The loss of just one life is too many.

This is the philosophy of Zero Fatalities. It’s a goal we can all live with. It’s the only way we’ll get to zero.

**What can we do?**

UDOT has identified the top five causes of fatalities on Utah’s roads. *Every single cause is human error and can be avoided.* Fatal crashes are preventable—not inevitable. In addition, UDOT has formally joined forces to create a comprehensive coordinated approach to improve safety. The Utah Comprehensive Safety Plan is the culmination of the joint efforts of many Utah agencies, organizations, community groups, businesses, and associations.

The Utah LTAP Center is an active member of the Utah Safety Leadership Team and is a committed participant in the Zero Fatalities Program. In addition, the Utah LTAP Center stands ready to be of assistance in improving safety on our roads. Conduct of safety workshops, safety information, and technical assistance can be obtained by contacting the Utah LTAP Center at 1-800-822-8878 or our Web site [www.utaht2.usu.edu].

When someone in our community is killed in a violent crime, the result is breaking news coverage, public outcries and a concerted effort to shun those who committed such a crime. However, when someone causes a fatal crash by falling asleep at the wheel, driving recklessly or unbuckled, our community just accepts it as just a “tragic accident.” Why? The loss of just one life is unacceptable. We need to be as vigilant at ridding our communities of unsafe driving behavior, just as we do with violent criminals. We won’t stop until we reach Zero Fatalities—it’s a goal we can all live with! We need your support as well. Please go to the Zero Fatalities Web site [www.ZeroFatalities.com] for further information and what you can do.
NAE4-HA Honors Utah Construction Career Days Team

The National Association of Extension 4-H Agents (NAE4-HA) recently awarded the Utah Construction Career Days team with their highest national honor for 2006, the Team Award for Excellence in Teen Programming. They will be officially recognized during the NAE4-HA Awards Banquet scheduled for October 24, in Milwaukee, Wisconsin. Team members include:

- Vernon Parent, Utah State University Extension/4-H
- Keri Shoemaker, Utah State University/Utah LTAP Center
- N. Dee Hadfield, Utah State University/Utah LTAP Center
- Larry Stephenson, Washington County School District

The committee expressed the following in their letter of recognition: "It is a pleasure for this committee to witness the expertise and professionalism of our colleagues around the nation. Please know that your efforts are appreciated and recognized for the contribution they make to our clientele—especially the youth and volunteers who participate in our 4-H programs. Your efforts also build Youth Development, in general, and those of us who serve its ranks as professionals."

Congratulations for an honor well deserved!
The Utah Transportation Enhancement Program is starting a new round of selecting applications for bike and pedestrian facilities, roadway beautification and preservation of Utah’s surface transportation environment and history in our counties, cites and towns across the State. Please take a few moments to read or pass this information along to your Local Government staff, active self starters, mayors or council officials in your community.

The application process has changed from last year. The Utah Transportation Enhancement Program will now require pre-registration of applications by e-mail. Pre-registration will end Friday, December 8, 2006. Pre-registration only requires that section-1 (excluding section 1.5 and 1.6) of the application be filled out. This provides a summary of the project and the contact person to receive official communication. Cost estimates are not a requirement at this stage.

More detailed registration and application information can be downloaded from the UDOT Local Government Web page [www.udot.utah.gov/localgovernment]. (Please note the “/” between gov and localgovernment). Click on “Transportation Enhancement Program” in the Subtopics section or type “Enhancement Program” into the UDOT Web page [www.udot.utah.gov] search engine to access the Transportation Enhancement Web page. Once on the page, look for “Down Load” area off to the left of the Web page where you can then save the application as an Adobe or Word file. It may also be sent as e-mail or by post mail by contacting the UDOT Transportation Enhancement Program Engineer, George Deneris; gdeneris@utah.gov (801-957-8520).

Transportation Enhancement money is intended for improving the surface transportation system or more formally--The TE Program Purpose: to strengthen the cultural, aesthetic, and environmental aspects of the Nation’s intermodal transportation system. Any federal, state, tribal, citizen group, local government, or individual may apply for enhancement funding.

There are twelve recognized areas for acceptable application. Most of us see these every day in the form of bike and pedestrian pathways or trail-ways, street landscaping or beautification, and tourist welcome centers. The Utah program branched out last year to fund a state-wide public safety education program for bike commuters (learn more at www.slcbikecollective.org.) and 3-year media safety education of the driving public through the Department of Public Safety. The full list of twelve areas can be further studied at http://www.enhancements.org/12_activities.asp that includes

Important Dates to Remember!

Enhancement Registration Ends Friday, Dec. 8, 2006

Final Application Due Thursday, Feb. 1, 2007

Enhancement Project Application Workshops

Salt Lake City
UDOT Region 2 Office
2010 South 2760 West
Tuesday, Nov. 7, 2006
12:30 pm

Richfield
UDOT Region 4 Office
345 South 350 West
Wednesday, Nov. 8, 2006
12:30 pm

or group smaller projects together. Application requests can range from $50,000 to $1,125,000. The maximum federal funding share varies from 80% to 50% depending on total project costs.

It is important to note that a governmental body is required for projects sponsorship. Sponsors can also team up to share a project
in-depth information about the full potential of the program.

Two workshops will be provided to give those interested an overview of the application and selection process (see the information box on page 4). UDOT will also help assess if the Transportation Enhancement Program is right for your project. You may call (801) 957-8520 for individual appointments at the UDOT Complex.

An individual 30-minute workshop can be provided after pre-registration. These sessions focus on your application and make recommendations on the best approach to meet the requirements set forth in the Enhancement Program. So register now to get your project considered for selection!

by LaMar A. Mabey, M.B.A., C.P.M., UDOT Local Government Right-of-Way Manager

After many years of updating and working on UDOT’s new Right-of-Way Operations Manual, the Federal Highway Administration (FHWA) gave final approval for the manual in January 2006. With the manual now in place, all local agencies (counties or cities) must follow the guidelines as it relates to their federally funded projects.

This manual provides direction and guidance to personnel who carry out UDOT’s right-of-way program. Its content is applicable to UDOT staff, right-of-way consultants and local agency personnel who acquire right-of-way on jointly funded projects. The manual addresses all major right-of-way functions including valuation, acquisition, condemnation, relocation, property management and contracting for right-of-way services. It also covers important UDOT administrative processes and the role of right-of-way personnel assigned to self-directed project teams under UDOT’s project development process.

The provisions of this manual comply with Utah and Federal statutes and regulations. FHWA has reviewed and accepted the manual as meeting the requirement (23 CFR 710.201) that each State DOT maintain a manual that describes its policies and practices for all phases of the right-of-way program.

The manual is an authoritative and a stand-alone guide, which references other UDOT manuals and authorities and also includes electronic links to forms and other materials that can be referenced in that manner. It includes all State and Federal requirements for executing the right-of-way program. Staff and consultants who work under its scope are required to comply with its provisions. However, the Department recognizes that projects sometimes present situations that cannot be anticipated or addressed in formal policy. Complex or unique cases involving acquisition, relocation or other phases should be individually considered. Right-of-way staff will inform the Project Manager and other leadership positions about special situations as soon as they are identified. This will enable prompt decisions to resolve issues. Decisions on such cases will comply with laws, meet the intent of this manual and be fair to all parties.

This manual will be updated as necessary to conform to changes in law, regulations and UDOT organization. It will also be revised to incorporate better practices identified through Quality Control/Quality Assurance (QC/QA) activities. The Department will certify to the Federal Highway Administration every five years that the manual conforms to existing practices and that procedures comply with Federal and State laws and regulations.

Each person using the manual has a responsibility to contribute to its improvement. Users are invited to make suggestions, supported by comments, to the UDOT Local Government Right-of-Way Manager.

An electronic copy of the UDOT Right-of-Way Operations Manual 2006 is available on the UDOT Website at [www.udot.utah.gov/index.php/m=c/tid=808]. For information on right-of-way issues on local government projects please contact LaMar A. Mabey, UDOT Local Government Right-of-Way Manager by phone at (801) 965-4238 or e-mail [lmabey@utah.gov].
Lessons Learned the “Hard Way” from Katrina
by Pam Pyle, Utah LTAP Center, Program Coordinator

At the National LTAP Symposium in St. Petersburg, Florida a wake-up call was issued during the workshop on emergency response. Marie Walsh, Ph.D, Director of Louisiana LTAP and Amy Whitten of the Whitten Group of Mississippi discussed what was learned after the hurricane "Katrina" disaster.

Poor planning exacerbated the scope of this disaster, and the following were desperately needed:

• More communication between agencies (by phone, radio, etc.).
• More resource and debris management thru planning and preparation.
• An adequate fuel supply (having plans for acquisition, storage and distribution).

- Including the services of external agencies in planning (what each can provide, their costs, support they need, and up-to-date contact information).

While there will always be the ongoing problems of a reduced workforce, restricted budgets, demographic changes in communities, and the incomplete recovery of the area, much can be done to prepare before disaster strikes.

The question “how will things work when there are no systems in place?” is best answered with pre-planning! This is a vital ingredient to a successful recovery. In planning, we must be relentless players of the “what if” game. We must teach our first responders and others to expect things that no one anticipated and to react accordingly.

Should disaster strike, we should plan on “being on our own” for at least a week. Communication is a key to effective disaster response and recovery. Text messaging and a formal phone tree to locate staff in the aftermath of a disaster speeds response times.

Planning is meant to prepare us for disaster! We cannot make projections about how long something will last or how long something will take, we just need to be prepared to deal with whatever reality we’re faced with!

The Utah LTAP Center is working closely with other State agencies and local communities to make disaster preparation and planning easier and more effective (see the box on page 10 about the State Mutual Aid Program). More information on this topic will be included in future issues of the LTAP newsletter.
Access Management--A Tool to Reduce Congestion, Improve Safety, Mobility & Economic Vitality

by Doyt Y. Bolling, Director, Utah LTAP Center &
Tim Boschert, Transportation Planner, Utah Department of Transportation

The 7th Annual Conference on Access Management, sponsored by the Transportation Research Board Committee on Access Management, was recently held in Park City, Utah August 13–16, 2006. This conference also served as the summer meeting for several TRB committees. Conference chair, Tim Boschert, reports that the conference schedule included 19 concurrent sessions showcasing 50 papers and presentations, and 9 workshops attended by 191 transportation engineers and planners from across North America and Northern Europe. Utah's Lieutenant Governor, Gary R. Herbert, was a special guest speaker at the opening session, followed by Carlos Braceras, UDOT Deputy Director, and Christine Johnson, FHWA Director of Field Service–West, as the keynote speaker.

The conference presentations and networking provided further exposure concerning the education, outreach and familiarization of access management information and techniques. The theme of the conference was, “Safe and Efficient Highways.” Session papers and presentations were grouped according to the Access Management Manual (a TRB publication). The manual is a definitive source of years of research and findings promoted by the TRB Committee on Access Management.

The multi-faceted merits and benefits derived from planned and managed access were clearly presented at the conference. The information and state-of-access management practice that was presented at this conference offers community planners, elected officials, and transportation engineers the opportunity to reduce congestion, improve safety, enhance businesses, and maintain the service levels of many of our streets and highways. As a result of the meeting, those dealing with many of the fast growing areas of Utah are well positioned to assure these benefits are realized and degradation of highway safety and street capacity doesn’t occur.

Utah was well positioned to host the Conference on Access Management. Recently, the Utah Department of Transportation had updated its State rule for access management (contained in R930-6) as well as promoted a program to extol the benefits and techniques of access man-

Do you have conditions like this in your community?
States with active access management programs have identified the following benefits through the application of various access management practices.

Access Management benefits cited are:
- reduction in traffic conflicts and accidents,
- reduced traffic congestion,
- preservation of traffic capacity and level of service,
- improved economic benefits to businesses and service agencies, and
- potential reductions in air pollution from vehicle exhausts.

The TRB committee and its members have been busy researching and generating papers, presentations and guidebooks concerning access management techniques and best practices. For those unable to attend the conference or need to know more, please visit the links (see the box on page 7).

An Example of Access Partnering

The photo on the left, taken before access partnering, illustrates the problems of too many access points.

The photo on the right, taken after access partnering, shows the simplicity of reducing the number of access points.

The Utah LTAP Center is working with UDOT to conduct several Access Management workshops for local agencies in Utah this winter. The schedule for these workshops will be posted in the next newsletter and on the Utah LTAP Web site (http://www.utaht2.usu.edu) in January, 2007. A copy of the new TRB Access Management Manual has been placed in the Utah LTAP library for reference purposes.

The Utah LTAP Center is proud to sponsor the 6th Annual Concrete Pavement Workshop, January 31, 2007 at Little America in Salt Lake City. This year's workshop will focus on the cost savings of concrete pavements. This is a must attend workshop for engineers, designers, contractors, and inspectors/technicians involved with concrete pavement.

Plan to attend this workshop for professional development hours and interaction. Topics to be included are the U.S. cement outlook, concrete maintenance, demonstrations, etc. For details call toll-free 1-866-647-5935 or 801-556-9561 or e-mail mcintyre@utahacpa.com.

The cost for this one-day workshop is $85. Registration is available online at http://www.utaht2.usu.edu.
Fall Brings New LTAP Training Opportunities

The days are getting shorter and cooler, but that won't stop us from training!! So, join us for any and all of the following LTAP Center offerings, or request one of our on-demand workshops! Additional workshops may be added, and changes may occur in those listed here, so please check our Web site for up-to-date details on available workshops.

To streamline your workshop registration needs, we have provided a training registration form below. You can also register for specific workshops online at our Web site [www.utaht2.usu.edu].

Land Use Development Management Act (LUDMA)
- October 26, 2006 (SLC)
  Cost: TBD
  Time: TBD

Winter Maintenance
- October 16, 2006 (Woods Cross)
- October 17, 2006 (Vernal)
- October 18, 2006 (Richfield)
- October 23, 2006 (Smithfield)
- October 26, 2006 (Ogden)
  Cost: $20/person
  Time: 1-4 pm

Heavy Equipment Safety (Classroom)
- October 30, 2006 (Tooele)
- November 6, 2006 (St. George)
  Cost: $65/person (includes lunch)
  Time: 8 am–5 pm

Technique of Heavy Equipment Operation (Hands-On)
- October 31-November 1, 2006 (Tooele)
- November 2-3, 2006 (Tooele)
- November 7-8, 2006 (St. George)
- November 9-10, 2006 (St. George)
  Cost: $250/person (lunch on your own)
  Time: 7:30 am–5 pm each day

ATSSA Traffic Control Technician (TCT)
- October 16, 2006 (Ogden)
  Cost: $75/person
  Time: 8 am–4 pm

ATSSA Traffic Control Supervisor (TCS)
- October 17-18, 2006 (Ogden)
  Cost: $185/person
  Time: 8 am-4 pm

ATSSA Flagging
- November 13, 2006 (SLC)
  Cost: $40/person
  Time: 8 am–12 noon

Administrative Workshop
- November 16, 2006 (SLC)
  Cost: TBD
  Time: TBD

Signs & Pavement Markings
- November 1, 2006 (Logan)
- November 6, 2006 (SLC)
- November 7, 2006 (Ogden)
- December 11, 2006 (Price)
- December 12, 2006 (Moab)
- December 14, 2006 (St. George)
  Cost: $60/person (Includes Lunch)
  Time: 9 am-4 pm

APWA Construction Inspection
- December 12-14, 2006 (SLC)
- February 6-8, 2007 (Washington City)
  Cost: $200/person (Lunch on your own)
  Time: 8 am–4 pm each day

CEU credits are available for many of these courses through Utah State University. Ask your instructor for more information and the application form.
Partner Happenings
What You Should Know...

Utah League of Cities & Towns

For more information, please call the League at (801) 328-1601 or 1-800-852-8528 or visit their Web site [www.ulct.org].

Water Conference
October 5-6, 2006 (Springdale)
The focus of the conference is on the role of water in the planning process. Registration, hotel and agenda information is available on-line.

Utah Association of Counties

For more information, please call UAC at (801) 265-1331 or visit their Web site [www.uacnet.org].

Annual Convention
November 15-17, 2006 (St. George)
Registration and convention information will be available on-line at the UAC Web site.

ITE, Utah Chapter

For information on ITE activities, please contact Dan Bergenthal by e-mail at [Dan.Bergenthal@slcgov.com]. ITE, Utah Chapter monthly luncheons are generally held on the third Tuesday of each month starting at 12 noon at the Chinese Gourmet in Murray (4425 S. State).

Monthly Luncheons
• October 17, 2006
• November 21, 2006

Annual ITE Christmas Party
• December 2006
Location, date and time to be announced!

APWA, Utah Chapter

For more information, please visit their Web site [www.apwa.utah.org].

Southern Utah Branch Meetings
St. George Holiday Inn at 12 noon
• October 3, 2006
• November 7, 2006
• December 5, 2006

Utah County Branch Meetings
Ruby River at 12 noon
• November 9, 2006

Chapter Membership Meeting
Classic Choice Catering at 11:30 am
• November 16, 2006

APWA/ASCE/UCEA Fall Conference
• October 4-5, 2006 (West Valley City)
Cost: $80 (includes breakfast and lunch)
Purpose: To provide training relative to a wide spectrum of public works professionals.

Attendees: public works directors, civil engineers, consultants, streets crews and inspectors.
General and break-out sessions will be held. Break-out sessions are divided into four areas: design/maintenance; resources/community planning; development; and stormwater and drainage.

Utah Local Governments Insurance Trust

For information, please call Marilynn Beesley at 1-800-748-4440 or visit the Trust Web site [www.ulgt.org].

Citizen Planner Workshops
• October 26-27, 2006 (Price)
• November 17-18, 2006 (Morgan)
• December 14-15, 2006 (Trust)
Time: 8 am-4:30 pm (each day)
Cost: $40 for Trust members; $65 for non-members (includes supplies, manuals, continental breakfast and lunch)
Attendees: elected officials, planning commissioners, board of adjustment members and office staff for all governmental entities in the State of Utah (Participants who complete the training receive a Citizen Planner Certificate from the University of Utah.)
Topics: Land Use Law, The Planning Commission; The General Plan; The Public Meeting; Land Use Regulation; Subdivisions; The Appeal Authority.

State of Utah Mutual Aid Program
Going On-line

Share our strength in dealing with disaster through the State of Utah Mutual Aid Resource List Program! This Web site will facilitate the coordination of resources for mutual aid requests and to assist state-wide and local planning initiatives. For more information please contact Pam at 1-800-822-8878.
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The Utah LTAP Center Advisory Board meets at least twice annually to make recommendations and evaluate the effectiveness of the program.

2006 UDOT Engineering Conference
"Spanning to New Horizons"
November 13-15, 2006
South Towne Expo Center

Register TODAY to participate in the 2006 UDOT Engineering Conference. Participants and vendors are still welcome to register and get involved in this important annual event!

Visit the Web site www.udot.utah.gov for the Conference agenda, registration, lodging, and vendor information. Don't forget that a spouse program will be part of the Conference!
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
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RMAUPG
Annual Meeting
to be Held in
Park City, Utah
October 16–18, 2006

The Rocky Mountain Asphalt User/Producer Group (RMAUPG) will be holding its annual meeting at the Yarrow Resort in Park City, Utah this year and you are invited! This annual event includes a golf tournament, combined subcommittee meeting, and general sessions.

An agenda, registration form and exhibitor registration form can be found on-line at www.rocky-mountainasphalt.com.

For more information, please call Judy at 303-471-6286.

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