

ON THE MOVE

Vol. 20, No. 1

Winter (January) 2007

Sharing Knowledge. Improving Communities.



Workforce Development: Still The Key to Success

by Doyt Y. Bolling, Director, Utah LTAP Center



When any organization, public or private, does a cost analysis of the services or products they provide, personnel costs typically register the highest on the ledger sheet. In today's market, the key to minimizing these costs resides in developing and equipping personnel to be more productive and to provide better services. The Utah LTAP Center is actively involved in a national pooled fund effort to develop a competency-based training program that will meet the current and future workforce development needs of the public and private transportation industry. The demand for versatile, highly skilled, and productive workers is not diminishing. If anything, the demand has increased while the available workforce pool has diminished.

The challenge of maintaining, renewing, and improving the knowledge, skills, and abilities (KSA's) of the workforce pool has also become even more complicated. The KSA's, as well as the cultural and generational values of today's workforce pool, are becoming quite diverse. Young people (called "Generation X") who are entering the workforce

are expected to change jobs many times during their careers. This, along with the retirement of many experienced personnel, presents a significant challenge to local, state, and Federal agencies, as well as, the transportation and public works industry.

Workforce development through training and hands-on technical assistance is a primary mission of the Utah LTAP Center. We continue to work closely with our local and national partners to develop and implement comprehensive and coordinated training programs to assist in the development of personnel engaged in the transportation and public works industry.

The organizations currently involved in this cooperative workforce development effort include: American Public Works Association (APWA), Utah Department of Transportation (UDOT), Federal Highway Administration (FHWA), Utah Association of Counties (UAC), Association of General Contractors (AGC), American Association of State Highway and Transportation

(continued on page 2)

Inside This Issue

Taking a New Look at Our Road Scholar Program.....	3
Interlocking Concrete Pavements: A Dual Purpose Pavement System	4
State & Federal Transportation Funding Opportunities for Utah's Cities & Counties	5
Work Zone Safety Update	6
Kenny Corsi Joins Utah LTAP Center Training Team	6
Road Safety Audits Update	7
Update on Statewide Mutual Aide Web Site	7
Promoting the Construction Industry to Utah Youth!	8
Utah LTAP Center Changes Web Site & E-mail Address.....	8
Warm-up With Winter LTAP Training Opportunities.....	9
6th Annual Utah Concrete Pavements Workshop (January 31, 2007)	9
Partner Happenings	10
2007 Utah Asphalt Conference (March 21, 2007)	11

Utah LTAP Center

Page 1

January 2007



(continued from page 1)

Officials (AASHTO), Utah Local Governments Trust (ULGT), Utah Risk Management Mutual Association (URMMA), the Utah League of Cities & Towns, National Highway Institute (NHI), and various other professional and industry trade associations. The goals of this effort are five-fold: (1) to provide current, well-developed training courses and programs; (2) to minimize duplication of effort; (3) to leverage training resources; (4) to facilitate the use of new technologies and state-of-the-art practices; and (5) to proactively address the development needs of a diverse workforce.

As a result of these cooperative efforts, progress is being made. These cooperative efforts include the Western Alliance for Training & Certification Program of Technicians, UDOT's Transportation Technician Training Program, APWA's Construction Inspection Course, and the Utah LTAP Center's Road Scholar Program.

As the winter training season begins, we encourage each local agency to make a special effort to assess their current personnel assets and to determine what their current and future training and personnel needs will be. The following steps are suggested for making this assessment:

- Analyze current and future job requirements with regard to KSA's.
- Inventory current staff KSA's and compare with current and future job requirements.
- Identify gaps in staff KSA's and

potential staff turnover/retirement.

- Evaluate new technologies and work methods to improve productivity.
- Develop a list of training needs and areas of needed personnel development.
- Establish a 3-5 year staffing plan to address current and future work program requirements.
- Set-up training and personnel development programs to meet work program requirements.

The Utah LTAP Center and our partners stand ready to assist local, state and Federal agencies (and the transportation industry as a whole) in meeting the staffing and workforce needs of the 21st Century. A standing program offered by the Utah LTAP Center is the ROAD SCHOLAR program. This program has recently undergone a face lift, and has been revitalized in an effort to better meet the needs of those we serve! For more information on how the Road Scholar Program can help you, please see the article on page 3 of this newsletter.

This training and development program offers a variety of training opportunities for different job levels: entry level personnel, equipment operators, technical staff, and supervisors and administrators. A summary listing of the Road Scholar course offerings follows:

Level I--Entry

- Workplace Safety
- Work Zone--Flagging Procedures
- Safe Driving Procedures
- Equipment Safety & Maintenance
- Drug Abuse & Alcohol Misuse for CDL Drivers

- Basic Math for Maintenance & Construction
- Basic Public Relations

Level II--Operator Level

- Liability & Risk Management for Equipment Operators
- Work Zone Traffic Control (includes flagging)
- Equipment Maintenance & Operation (motor-grader, backhoe & front-end loader, track hoe, and forklift equipment)
- The Basics of a Good Road
- Winter Maintenance Operations
- Gravel Road Maintenance & Rehabilitation
- Chip Seal Operations
- Roadway/Roadside Safety Operations
- Roadside Maintenance
- Vehicle Inspection Procedures
- Coaching the Maintenance Vehicle Operator
- Basics of Surveying & Staking

Level III--Technical Level

- Hot-mix Asphalt Construction
- Roadway Drainage
- Pavement Design for Local Agencies
- Sign Warrants & Traffic Operations
- Signal Systems/Intersection Design
- Surface Rehabilitation Treatments
- Concrete Pavement Maintenance & Rehabilitation
- Road Materials (selection, design and specifications)
- Geotextile Applications in Transportation
- GPS/GIS Applications
- Construction Specifications/Procedures
- Liability & Risk Management Plans

- Work Zone Traffic Control Plans
- Road Safety Audits
- Construction Inspection Procedures

Level IV--Supervisor, Program Management & Administration

- Liability & Risk Management for Administrators & Supervisors
- Work Zone Traffic Control for Supervisors
- Drug Abuse & Alcohol Misuse for CDL Supervisors
- Transportation Asset Management Systems (includes road surface, sign, sidewalks, culverts, & maintenance and equipment management)
- Managing People

- Access Management
- Geographic Information Systems
- Contract Administration
- Transportation Master Plans
- Local Agency Project Development Procedures

We also endeavor to keep the transportation and public works community in Utah informed of all appropriate training and development opportunities by posting the course offerings of our partners through our quarterly newsletter, web site, or special announcements. In this way, we attempt to serve as a clearing/coordinates house for training, personnel development and new technology relating to the transportation and public works industry. If your analysis of personnel

assets indicates there are areas of training and development that are not currently offered, the Utah LTAP Center will take the necessary steps to make such training/development opportunities available.

For more information on the Utah LTAP Road Scholar Program see the article below. You can enroll on-line at our Web site [www.utahltap.org]. You will also want to check out “what our partners are doing” (pages 10-11) for opportunities to tap into their offerings.

If you have a request and need to schedule a workshop or have a specific training or personnel development need, please call Pam Pyle at 1-800-822-8878.

Taking a New Look at Our Road Scholar Program

The Utah LTAP Center has revitalized our Road Scholar Program. This program establishes a competency-based educational training program to meet local agency needs. Those agencies and persons who are committed to expanding their knowledge, skill and abilities along with developing skill in the latest innovations will greatly benefit their respective agencies and expand their opportunities for advancement.

The Utah LTAP Road Scholar Program incorporates our training courses into a structured curriculum of half-day and one-day training sessions. The program offers four levels of achievement. Each level requires a certain number of contact hours of specific core classes to meet job duties along with elective courses to further develop the

knowledge, skills, and abilities of personnel.

A contact hour is an hour of actual instruction. The specific core classes are classified by level (I through IV). The reason for specific core classes is to ensure that training covers a range of subjects essential to local road and public works operations and management.

Road Scholar Level I requires 30 contact hours. Road Scholar Level II requires 50 contact hours including specific core classes of basic road maintenance operations, equipment operations, liability provisions and work place and equipment operation safety requirements.

Road Scholar Level III, requires 70 contact hours including specific technical core class requirements.

Road Scholar Level IV requires 100 contact hours including specific core classes associated with their respective position responsibilities.

The workshops and training courses personnel have participated in since September 2006 are eligible to be credited for the contact hours associated with the respective training course.

Certificates will be sent to supervisors to distribute to participants.

If you have any questions about this program, please call Pam Pyle at 1-800-822-8878, or check out the information available at our Web site [www.utahltap.org].

Interlocking Concrete Pavements: A Dual Purpose Pavement System



Interlocking concrete pavements not only provide a serviceable pavement surface but also can be designed to serve as a storm water drainage system. Several cities have recently taken advantage of this potential by choosing to use permeable interlocking concrete pavements (PICP).

The City of Portland, known for its leadership in environmental stewardship, recently used PICP to address a water line and storm sewer reconstruction project in an 80 year old community.

Rather than merely repave the streets with asphalt, the Portland Bureau of Environmental Services and the Portland Office of Transportation conceived a demonstration project with PICP on three blocks. The \$412,000 project included about \$100,000 of water line work.

City Engineer, different pavement slopes and pavement configurations were employed to evaluate the long-term impact slopes would have on runoff and drainage. One city block has been paved the full width in permeable pavers with a centerline crown and cross slopes of 2% (see photo on left).

Two other streets have 6 ft 10 in. (2.1 m) parking strips paved with PICP on each curb side and a 12 ft (3.7 m) center lane paved in asphalt. This provides a storm water drainage system along with a PICP parking strip as shown in the picture below.

More information is available at the ICP Institute Web site [<http://www.icpi.org/industry/>] including pavement design, construction and maintenance procedures.

The City leveraged the costs for installing the PICP with an \$80,000 grant from the U.S. Environment Protection Agency Innovative Wet Weather Program.

According to Steve Townsen, P.E., head of Engineering Services for Transportation and the Acting



The permeable pavers receive runoff into an open-grade aggregate base, or “drainage blanket,” that extends under the asphalt across the entire street. This boosts water storage and infiltration capacity.



State & Federal Transportation Funding Opportunities for Utah's Cities & Counties

by Brett Hadley, Local Government Programs Engineer, Utah Department of Transportation

The Joint Highway Committee (JHC) has set a deadline of January 24, 2007 to receive applications from local governments for Non-Urban Federal Aid on transportation projects. The selected projects will be programmed for construction in 2013 and will require a local match commitment of 7% of the cost of the project.

Only city and county roads with a functional classification of major collector or above and outside of the urbanized boundaries of Metropolitan Planning Organizations (MPO) are eligible for this funding. In addition to rural parts of the counties, only cities smaller than 5000 in population are eligible.

The application form can be downloaded on UDOT's Local Government Web site at [udot.utah.gov/localgovernment]. After arriving at the Local Government Assistance page, select "Non-Urban Fund Application Form" from the sub-topics, read the instructions, and click the "NURB Application Form" Downloads option on the left side of the screen.

The Non-Urban Sub-Committee of the JHC will then review these applications and select those projects that will be recommended to the Utah Transportation Commission to be placed on the State Transportation Improvement Program (STIP). Submit your applications to Brett Hadley's office in UDOT Systems Planning and Programming

via e-mail at bhadley@utah.gov by 5:00 pm on Wednesday, January 24, 2007.

Also, cities and counties both inside and outside of MPO boundaries should be aware that the JHC has also determined that they will not be accepting any new applications this year for the Federal Aid Bridge Off-System Fund. This is the fund set aside for cities and counties, state-wide, to repair and replace their bridges. The most recent Federal Transportation Bill has dramatically reduced the money available for this fund.

Cities and counties that have jurisdiction over specific roads that lead to State Parks may apply to the JHC for state funds to make necessary improvements and repairs to these roads. These applications must also be sent to Brett Hadley via e-mail by 5:00 pm Wednesday, January 24, 2007. The creation of this fund and the local match percentage of 50% is established in Utah Code section 72-3-207. To be eligible for this program a road must be listed in the Utah Code in sections 72-3-201 to 72-3-206.

While there is no application form per se for State Park Access Funds, a typical application consists of a cover letter and concept report that includes a brief text description of the proposed project, a plan view, a typical section, a proposed project schedule with cash flow, and a preliminary engineers estimate includ-

**The deadline for Local Government applications for Non-Urban Federal Aid on transportation projects is...
January 24, 2007
Applications can be downloaded at...
udot.utah.gov/localgovernment**

ing a line item for a minimum 10% contingency. If the application is accepted, and subsequently approved by the JHC, a project dollar amount (state aid plus sponsor match) is programmed to a specific year in the draft STIP of the coming year. Final approval of this document and the State Park Access funding is not complete until approved by the State Transportation Commission

Annual Visits to Cities & Counties

Lastly, a reminder that UDOT's Local Government Team is planning their annual visits to all 29 counties in the Spring of 2007. The county and the respective cities in each county are expected to participate. Elected officials and city

(continued on page 6)

Utah LTAP Center

Page 5

January 2007



(continued from page 5)

and county employees involved in transportation activities are strongly encouraged to attend.

We will be bringing the latest information to these meetings about how cities and counties can get their full share of State and Federal Aid for Transportation. These meetings are planned for the time period between mid March and mid May.

Letters describing the date and place for each meeting will be sent to each local government and an article concerning this will be in the next LTAP newsletter in addition to being posted at our UDOT Local Government Web site [udot.utah.gov/localgovernment]. For questions or comments concerning any of the above information please contact Brett Hadley, UDOT Local Government Programs Engineer, at 801-965-4366 or bhadley@utah.gov.

Kenny Corsi Joins the Utah LTAP Center Training Team

The Utah LTAP Center is proud to welcome Kenny Corsi of South Jordan City as their newest part time trainer. Kenny has been with South Jordan City for several years and is responsible for their streets and storm drains. He completed the ATSSA flagger instructor course in the third quarter of 2006 to qualify as an ATSSA approved Flagger Certification Trainer--easily passing the required series of Traffic Control

Work Zone Safety Update

by G. Stuart Thompson, Assistant Director, Utah LTAP Center

Workers Safety Apparel with in Rights-of-Ways of Federal Aid Highways

with information from
*Roland Stanger, Safety Engineer,
Utah FHWA Division Office*

The final rule on worker visibility garment requirement was published in the Federal Register on November 24, 2007. This rule is in response to the section 1402 of SAFETEA-LU and requires all workers to wear high visibility garments while working on or near federal-aid highways.

The FHWA is taking this action to decrease the likelihood of fatalities or injuries to workers on foot who are exposed either to traffic (vehicles using the highway for purposes of travel) or to construc-

tion vehicles or equipment while working within the rights-of-way of Federal-aid highways.

Work Zone Safety and Mobility Rule

The *Work Zone Safety and Mobility Rule* addresses:

- Work Zone Public Information and Outreach Strategies
- Work Zone Transportation Management Plans (TMPs)
- Work Zone Impacts Assessment

It is applicable to all State and local agency projects that are federally funded and encourages the application as a best practices policy for all road projects.

The Work Zone Safety and Mobility Rule was published on September 9, 2004 in the Federal Register. All state and local governments that receive federal-aid funding are required to comply with the provisions of the rule no later than October 12, 2007. The rule updates and broadens the former regulation at 23 CFR 630 Subpart J to address more of the current issues affecting work zone safety and mobility. The changes to the regulation encourage broader consideration of the safety and mobility impacts of work zones across project development, and the implementation of strategies that help manage these impacts during project delivery.

Further information is available at the Work Zone Safety and Mobility Rule site: [http://ops.fhwa.dot.gov/wz/resources/final_rule.htm].



Technician, Traffic Control Supervisor and Flagger Instructor Training!

Welcome aboard, Kenny!

Road Safety Audits Update

by **G. Stuart Thompson, Assistant Director, Utah LTAP Center**

Utah's first Road Safety Audit class for local agencies was held in the spring of 2006. Attendance was good with a diverse demographic of public works, law enforcement, risk managers, FHWA, and DOT students. FHWA and the Utah LTAP Center sponsored the training as a pilot project.

A contracting agency of FHWA Safety demonstrated a software program they had developed which aids in the quality of the reporting by providing check lists and prompts.

Those attending the training were given the opportunity to register for a group mailing list of trained auditors. The intention of the list

was to provide a pool of trained auditors to perform evaluations for requesting agencies.

Pam Pyle of the Utah LTAP Center has generated the mailing list and organized audits for various agencies. Additionally the source code for the audit software was obtained from FHWA and has been incorporated into the GIS enabled Safety Software Suite developed by Stuart Thompson and Jeff Spaulding of the Utah LTAP Center.

Any agency that wishes to have an audit performed should contact Pam Pyle at pamp@cc.usu.edu. Groups of four to six auditors will be selected and a date identified for

the audit to be performed. The Utah LTAP Center will aid in organizing the group and the requesting agency should provide background on the site (crash history, traffic counts, signal timing) and lunch for the auditors. The product is a complete report of the findings of the group with recommendations for corrections.

This project has been very successful and local agencies are encouraged to take advantage of this free service. An additional RSA class has been scheduled for the second week of April 2007. Contact Pam at pamp@cc.usu.edu or (435) 797-2918 to register.

Update on Statewide Mutual Aide Web Site

by **Pam Pyle, Program Coordinator, Utah LTAP Center**
with excerpts from the **New Hampshire LTAP Center Mutual Aide Brochure**

Recently, Pam Pyle (Utah LTAP Center), Lance Peterson (Weber County Director of Emergency Management & Homeland Security) and Will Lusk (Logan City Safety Engineer), met with Joe Thornton from the Utah Department of Emergency Services (DES) to present the Northern Utah Mutual Aide Web site proto-type.

The DES has made the decision to partner with the Northern Utah Coalition and the Utah LTAP Center to make this Web site a reality. They are now in the process of contacting first responders throughout the State for their resource equipment inventory lists. The Web site should be

up and running in the early part of 2007.

The goal of the Utah State-wide Mutual Aide Resource list is to facilitate quick response to ALL requests for assistance throughout the state, as well as support the Emergency Management Assistance Compact. This inter-regional cooperative creates a greater network between all counties and municipalities throughout the State of Utah.

This program provides for the compilation of a state-wide listing of all emergency resources as well as a simplified procedure for documenting requests and support pro-

vided to those jurisdictions in need of assistance.

The resource list enables regions and the state to directly coordinate the mobilization of resources to assist with emergencies throughout the State.

This Web site will facilitate the coordination of resources for mutual aide requests and assist state-wide and local planning initiatives.

(continued on page 8)

Utah LTAP Center

Page 7

January 2007



(continued from page 7)

By using the Web site, each participating jurisdiction has access to the following information:

- A spreadsheet of all resources in the State (all have been NIMS typed and have been cost coded for standard cost recovery accounting)
- A contact list of all designated emergency managers

- Electronic copies of FEMA's Public Assistance accounting worksheets
- Directions on how to request mutual aid in Utah

So far seven counties and the seven homeland security regions in Utah have signed and implemented mutual aid agreements. For more information or questions concern-

ing this program, please contact Pam Pyle at the Utah LTAP Center by calling (435) 797-2918 or 1-800-822-8878.

Providing aid is always optional. The needs of your community will always come first. Mutual aid agreements are reciprocal; all members help each other when at all possible.

Promoting the Construction Industry to Utah Youth!

by Keri Shoemaker, Business Manager, Utah LTAP Center
& Melissa Stark, Utah Department of Workforce Services

- **Are you facing a shortage of skilled workers in the construction industry?**
- **Are you concerned about the lack of qualified job seekers?**
- **Would you like to educate youth about viable career options?**

industry. In addition to participating in the event, students leave with a career kit that includes valuable career and training information.

Over 10,000 junior high and high school students have attended a Utah Construction Career Days event since its inception in March 2005. Don't miss your opportunity to teach Utah youth about the construction industry! Become a sponsor, an exhibitor or a volunteer!

How do you get involved? Simply contact Keri Shoemaker with

2007 Event Schedule

- March 20-21: Washington County Fairgrounds (Hurricane, UT)
- April 17-19: Thanksgiving Point (Lehi, UT)

There is a potential serious problem facing the construction industry: a shortage of skilled workers. To offset this problem, Construction Career Days have been sponsored throughout the U.S. over the past few years with great success.

Utah Construction Career Days events were created to assist in educating youth about exciting and diverse career options while dispelling negative perceptions about the industry.

These events feature professional demonstrations, interactive exhibits and hands-on activities in the most in-demand occupations in the

the Utah LTAP Center by calling (435) 797-2931 or 1-800-822-8878. You can also e-mail her at [keri@cc.usu.edu]. In addition, our dedicated Utah CCD Web site [www.utahccd.usu.edu] holds helpful information for all!

Utah LTAP Center Changes Web Site & E-mail Address

After we changed our name from the Utah T² Center to the Utah LTAP Center a few years ago, we waited to change our Web address and e-mail information! But, the time has come to make these changes too! So, here is the new information for you to bookmark and add to your e-mail address book!

NEW Utah LTAP Center Web Address
www.utahltap.org

NEW LTAP Center E-mail Address
utahltap@cc.usu.edu

Warm Up with Winter LTAP Training Opportunities

It may be cold, but that won't stop us from training!! So, join us for any and all of the following classes, 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 information.

To streamline your workshop registration, we have provided a registration form below. You can also register on-line at our Web site [www.utahltap.org].

ATSSA Flagging (Level 1)

- January 22, 2007
- February 12, 2007

Location: Columbus Center, 2530 South 500 East, Salt Lake City, UT

Cost: \$40/person

Time: 8 am–12 noon

APWA Construction Inspector Training (Level 3)

- February 20-23, 2007 (Washington)
- March 27-29, 2007 (location TBD)

Cost: \$200/person (Lunch on your own)

Time: 8 am–4 pm each day

Heavy Equipment Training (Level 1/2)

- March 26-30, 2007 (St. George)

- April 2-6, 2007 (Tooele)

"Heavy Equipment Safety" classroom

portion costs \$65/person (includes lunch) and runs from 8 am–5 pm.

The "Technique of Heavy Equipment Operation" hands-on portion costs \$250/person (lunch on your own) and runs from 7:30 am–5 pm each day.

Road Safety Audits (Level 3)

- April 12-13, 2007 (location TBD)

The following workshops will be offered during the first quarter of 2007 at a date and location yet to be determined. More information will be available at our Web site [www.utahltap.org].

- Basics of a Good Road (Level I)
- School Areas (Level I)
- Maintenance Math (Level I)
- Drainage--The Key to Roads that Last (Level I)
- ADA (Level I)

Ask about CEU credits!

6th Annual Utah Concrete Pavement Workshop

to be held January 31, 2007 at the Little America Hotel in Salt Lake City, Utah

The Utah Chapter, American Concrete Pavement Association (ACPA) and the Utah LTAP Center are sponsoring the 6th Annual Concrete Pavement Workshop on January 31, 2007 at the Little America. This is a must attend all-day workshop for engineers, designers, contractors, and inspectors/technicians involved with concrete pavement.

You can check-out the complete agenda and register for the conference on-line through the Utah LTAP Center Web site [www.utahltap.org] under "upcoming events."

Circle the bullet beside the workshop date you want to register for. Then use the form below to complete your registration and fax the entire page to the LTAP Center at (435) 797-1582. Questions? Call 1-800-822-8878!

Utah LTAP Center Winter 2007 Workshop Registration Form

Name: _____

Agency: _____

Address: _____

City/State/Zip: _____

Phone: _____ FAX: _____

E-mail: _____

Total Workshops Registered For: _____ Total Amount Due: _____

Method of Payment (Please check one)

Check enclosed (made payable to Utah LTAP Center)

Agency PO (Number: _____)

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

Federal Tax ID #87-6000528



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].

Local Officials' Day at the Legislature

- January 17, 2007 (State Capitol)

Mid-Year Convention

- April 12-13, 2007 (St. George)

Road School

- April 25-27, 2007 (St. George)



UTAH ASSOCIATION OF COUNTIES
A Unifying Voice for County Government

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].

County Officials Day at the Legislature

- January 31, 2007 (State Capitol)

Newly Elected County Officials Workshop

- February 1-2, 2007 (Marriot University Park Hotel, Salt Lake City)

UAC Management Conference

- April 18-20, 2007 (Logan)



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).



APWA, Utah Chapter

For more information on APWA activities please visit their Web site [<http://utah.apwa.net>]. Watch their Web site for an updated 2007 calendar.

Utah Chapter Meetings

To be held at Classic Choice Catering in West Jordan, Utah.

- January 25, 2007
- February 22, 2007
- March 22, 2007

Utah County Branch Meeting

To be held quarterly at Ruby River in Provo, Utah.

- March 8, 2007

Southern Utah Branch Meetings

To be held monthly at the Holiday Inn on Bluff Street in St. George, Utah.

- January 2, 2007
- March 6, 2007
- April 3, 2007

Southern Utah Branch Spring Conference & Golf Tournament

- February 7-9, 2007 at the Dixie Center in St. George, Utah (and Ledges Golf Course)

For more information about this event, please contact either Arthur LeBaron at [arthur.lebaron@c-b.com] or Tyler Hoskins at [tyler@hoskinsengineering.com].



Utah Local Governments Insurance Trust

For information on training and other Trust activities, please call Marilynn Beesley at 1-800-748-4440. You can also e-mail Marilynn through the Trust Web site [www.ulgt.org].



"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].



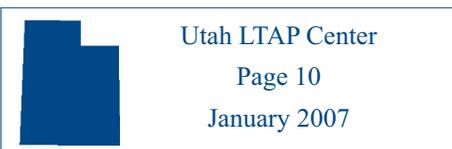
Rocky Mountain Fleet Managers Association--Utah Chapter

For more information about the RMFMA, please visit their Web site at [www.rmfm.org] or call 1-800-667-6362.



Blue Stakes of Utah

Blue Stakes will conduct Damage Prevention Awareness Seminars on the



Utah LTAP Center
Page 10
January 2007

dates, times, and locations listed below:

Damage Prevention Awareness Seminars

- **January 17, 2007 (Ogden Marriott Hotel)**
- **January 18, 2007 (Crystal Inn, Cedar City)**
- **January 18, 2007 (Dixie Center, St. George)**
- **January 23, 2007 (Salt Lake Community College/Miller Campus)**
- **January 24, 2007 (Salt Lake**

Community College/Miller Campus)

- **February 1, 2007 (Provo Marriott Hotel)**

Please note that invitations will be distributed to excavators during the month of December 2006. Contact Blue Stakes Notification Center for additional information.

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

2007 Utah Asphalt Conference

March 21, 2007 in Sandy, Utah

Plans are being finalized for the 2007 Utah Asphalt Conference to be held March 21, 2007 at the South Towne Expo Center in Sandy, Utah.

Both general and break-out sessions will be offered. Three tracks will aid participants in choosing sessions suited to their interests. These tracks will be: design/materials,

construction, and maintenance.

The cost for this conference is \$75 if received before February 16; \$85 if received after February 16. On-site check-in will begin at 7:30 am, with the conference sessions starting at 8:30 am. Lunch and breaks will be provided. Exhibitors are welcome.

Utah Asphalt Conference (March 21, 2007) Registration Form

Name: _____

Agency: _____

Address: _____

City/State/Zip: _____

Phone: _____ FAX: _____

E-mail: _____

Total Conference Registrations: _____ x 75

Total Amount Due: _____

Method of Payment (Please check one)

Check enclosed (made payable to Utah LTAP Center)

Federal Tax ID #87-6000528

Agency PO (Number: _____)

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

Complete registration form and FAX to (435) 797-1582.

Advisory Board

Glade Allred
Vernal City

Scott Anderson
Woods Cross City

Dave Beach
Utah Highway Safety Office

Todd Emery
FHWA, Utah Division

Douglas E. Folsom
Utah Local Governments Trust

Brian Hall
Utah League of Cities & Towns

Brett Hadley, P.E.
Utah Department of Transportation

W. Gary Hansen
Blue Stakes of Utah

Jim Lawrence
Tooele County

Doug Perry
Utah Association of Counties

William Rahmeyer, P.E., Ph.D
Utah State University

Trace Robinson, P.E.
West Valley City

Dean Steele
Utah Risk Management Mutual Assoc.

Abdul Wakil
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

Page 11

January 2007



We're part of...



and...



THANKS!



Utah LTAP Center
Utah State University
4111 Old Main Hill
Logan UT 84322-4111

Return Service Requested

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.

Utah LTAP Center Staff

Director	Doyt Y. Bolling
Assistant Director.....	G. Stuart Thompson
Business Manager	Keri Shoemaker
Coordinator	Pam Pyle
Field Projects Manager	N. Dee Hadfield
Network Administrator	Brian Birch
Newsletter	Julie Duersch
Phone/Fax	(435) 797-2931/797-1582
E-mail.....	utahltap@cc.usu.edu
Web site.....	www.utahltap.org

USU is an equal opportunity education institution/equal opportunity employer.

NON-PROFIT ORGANIZATION
U.S. POSTAGE PAID
LOGAN, UTAH
PERMIT#1