LTAP MATTERS
Montana’s Answers To Technical Education of Roads & Streets
Vol. 26, No. 2

Spring 2008
From the Director

Springtime is slowly making its way to Montana. Keep survival kits updated and as summer approaches, plenty of water on hand, as road crews head out to grade and reshape roads.

Last fall LTAP started development of a planning calendar for new and existing county road supervisors. Throughout the winter, several experienced road supervisors provided input. We appreciate any further comments in developing this calendar to assist all with the safety of Montana roads.

### Training Opportunities

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Any Down Time | Gravel | Culverts | Signing | Equipment Maintenance

Road Supervisor Annual Calendar

LTAP Matters is published by the Local Technical Assistance Program at Montana State University, Bozeman, Montana. LTAP is housed under the Department of Civil Engineering, College of Engineering.

We can be reached at the following:

Phone: (800) 541-6671 (406) 994-6100
FAX: (406) 994-5333
E-Mail (Internet): MTLTAP@coe.montana.edu

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Local Technical Assistance Program

**Steven Jenkins, P.E.**
Director
stevenj@coe.montana.edu

**Genevieve Albert**
Administrative Associate/Conference Coordinator
galbert@coe.montana.edu

**Michele Beck**
Graphic Designer/Librarian
mbeck@coe.montana.edu

**Kali Vergeront**
Student Assistant

**As always, drive safely,**
Steve Jenkins, Director, Montana LTAP

On our website, we list upcoming training courses, registration forms, library information, our contact information, newsletters, various links, and MACRS information. Please go to: [www.coe.montana.edu/ltap](http://www.coe.montana.edu/ltap)

The Local Technical Assistance Program/Tribal Technical Assistance Program (LTAP/TTAP) is a nationwide network of 58 centers - one in every state, seven serving Native American tribal governments and one in Puerto Rico.

The LTAP/TTAP Mission is to foster a safe, efficient, and environmentally sound surface transportation system by improving skills and increasing knowledge of the transportation workforce and decision makers.
Highways for Life: MacDonald Pass

The Montana Department of Transportation (MDT) was awarded $320,000 through the Highways for LIFE (HfL) program sponsored by the Federal Highways Administration through the SAFETEA-LU highway bill.

The purpose of Highways for ‘LIFE’ is to advance Longer-lasting highway infrastructure using Innovations to accomplish the Fast construction of Efficient and safe highways and bridges, (thus the acronym LIFE). And it’s innovation that is the key to finding our way out the highway challenge. Innovations is an inclusive term used by HfL to convey all of the following: technologies, materials, tools, equipment, procedures, specifications, methodologies, processes or practices used in the financing, design or construction of highways. The three goals of HfL are to:

- Improve safety during and after construction,
- Reduce congestion caused by construction, and
- Improve the quality of the highway infrastructure.

Specifically, HfL is focused on accelerating the adoption of innovations in the highway community.

This project involves retrofitting dilapidated corrugated steel pipe (CSP) with culvert liners on US 12, MacDonald Pass in Powell County. By lining the existing culverts with plastic and polymer compound liners rather than excavating and replacing them, the work will lengthen the useful life of the culverts while requiring one day’s closure of a single lane of the four-lane highway. Traditional culvert replacement requires the closure of half of the highway for four days. The plan reduces construction time by 70 percent. This practice will minimize the potential vehicle conflict between opposing traffic, work zone equipment, and personnel.

Specifically, this project involves the use of compact multiple diameter directional drilling equipment to install two different types of culvert lining. The first method being investigated uses new directional drilling techniques with the installation of a plastic lining into the existing culvert. The second method involves a polymer compound curing process to line the existing culvert. The polymer is cured using either hot water or steam. The culvert lining provides structural integrity, preventing the potential for catastrophic failure of corroded culverts. By preventing culvert failure the roadway surface life will be prolonged. The expected life of both culvert linings is in excess of 50 years.

Contact Craig Abernathy at cabernathy@mt.gov or 406-444-6269 for more information.

The Advisory Board meets annually to make recommendations and evaluate the effectiveness of the Montana LTAP program.

Debbie Arkell
City of Bozeman

Bob Burkhardt
Federal Highway Administration

Kelly Elser
Town of Sheridan

Fred Hansen
MACo

Jim Rearden
City of Great Falls

Russ Albers
Teton County

Eric Griffin
Lewis and Clark County

Russ Huotari
Richland County

Sue Sillick
Montana Dept of Transportation

Thomas Danenhower
MMIA

Alec Hansen
Montana League of Cities & Towns

Lynn Miller
Montana Dept of Transportation

Permission was granted to reprint this article from MDT Solutions, Winter 2008.
The 2008 MACRS Conference held in Helena, Montana, set record attendance by participants and vendors. “I was impressed by the increase from last year’s numbers. There were 30 additional participants and 15 more vendor individuals, with a total of almost 300 attendees,” said Genevieve Albert, Montana LTAP Conference Coordinator.

“We were very fortunate to have a free pre-conference on Monday morning by Harold Blattie, MACo, discussing budgeting for counties,” outgoing President Jim McCarthy commented. “It was well attended in spite of the snow storm that hit the western portion of the state.”

The afternoon pre-conference highlighted promotional speaker DJ Vanas, Native Discovery, Inc., who offered participants numerous ideas of how to work with others, as well as set and attain goals for themselves with insightful examples.

The Tuesday session included a visit from Governor Brian Schweitzer, as well as field representatives and comments from Senator Baucus, Senator Tester, Representative Rehberg, and Director Jim Lynch from the Montana Department of Transportation. The afternoon session dealt with funding possibilities and the importance of collecting road condition inventories.

On the Wednesday evening banquet agenda, twenty-two Roads Scholars were announced and came forward to receive their certificates and Roads Scholar jackets. Retiring member Jack Knorr, a former MACRS President and active member on the MACRS Executive Board, graciously accepted a plaque honoring his dedication in helping the MACRS organization.

The evening entertainment was Vince Yannone, Wildlife Biologist, who brought in a variety of mounted Montana fish species, each with an interesting story. After pulling on long leather gloves, Vince produced a raven from one of the cages that had a tether to keep the bird from flying away. From the other cage, he handled a Great Horned Owl that had been injured and told several anecdotal stories about birds he had doctored back to health.
At the MACRS business meeting on Thursday morning, the mission statement that had been developed over the past two years by Russ Huotari, MACRS Training Committee Representative, passed:

“The Montana Association of County Road Supervisors mission is to facilitate education, and to share ideas; thus helping to enable a safe, efficient, and consistent transportation system for each County throughout the State of Montana.”

The business meeting concluded with the election of officers and representatives for 2008-2009:

**PRESIDENT**
Wayne Waarvik
Road Superintendent
Valley County
PO Box 1024
Glasgow, MT 59230-1024
(406) 228-4233
Fax: 406-228-4231
vcroads@hotmail.com

**1ST VICE PRESIDENT & SECRETARY/TEASURER**
Jerry Forman
Road Supervisor
Custer County
5125 Valley Drive East
Miles City, MT 59301-1142
(406) 232-1970
j.forman@co.custer.mt.us

**2ND VICE PRESIDENT**
Shawn Norick
Road Foreman
Liberty County
PO Box 655
Chester, MT 59522
406-759-5623
road@co.liberty.mt.gov

**DISTRICT #1**
Bill Meisner
Road Foreman
Ravalli County
244 Fairgrounds Road
Hamilton, MT 59840
(406) 363-2733
cordept@qwest.net

**DISTRICT #2**
Mitch Urdahl
Road Foreman
Gallatin County
201 W. Tamarack
Bozeman, MT 59715
406-582-3250
roaddept@gallatin.mt.gov

**DISTRICT #3**
John Stokes
Road Administrator
Pondera County
PO Box 171
Valier, MT 59486
(406) 279-3651
pocova@3rivers.net

**DISTRICT #4**
Wayne Buck
Road Foreman
Rosebud County
PO Box 1117
Forsyth, MT 59327
406-346-2261
randbroad@rangeweb.net

**DISTRICT #5**
Clay Moore
Road & Bridge Foreman
Yellowstone County
3321 King Avenue East
Billings, MT 59101
(406) 256-6812
kimpeterson@co.yellowstone.mt.gov
tmiller@co.yellowstone.mt.gov

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**Mo getting ready for the big “5 - 0”**

**Russ Albers, Chouteau County, and Tom Gossack, T&E**

**Ladies ready to depart for the Helena Trolley Tour**

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More Photos from MACRS Activities
## 45th Annual Petersen Asphalt Research Conference

**July 14-16, 2008**

Laramie, Wyoming

The conference will present current research aimed at understanding and improving asphalt pavement performance, with topics ranging from fundamental compositional research to applied field engineering. Participants will also have the opportunity to participate in an open-mike discussion session. The conference is organized by the Western Research Institute (WRI). Contact: Steve Salmans at WRI, 307-721-2306 or e-mail at ssalmans@uwyo.edu; or Ernie Bastian at FHWA, 202-493-3075 or e-mail at ernest.bastian@fhwa.dot.gov. Information is available online at www.petersenasphaltconference.org.

## LTAP 2008 Annual Training Calendar

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10: Winter Survival & Work Zone Tech - Columbus
15-17: MACRO - Loss Control Conference, Bozeman, MT

**February 2008**

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5: Work Zone Tech - Helena, MT
6&7: Traffic Control Supervisor - Helena, MT
25: Flagging Certification - Missoula
27: Flagging Certification - Kalispell

**March 2008**

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4: Flagging Certification - Billings
31-4: April 3: MACRS Spring Conference, Helena, MT

**April 2008**

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March 31-April 3: MACRS Spring Conference, Helena, MT
14-18: Helena: MACRS Workforce Development Training
28-30: Glasgow: MACRS Workforce Development Training

**May 2008**

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1: Hill County Road Dept Training
5-6: LTAP Region 5 & 8, Denver, CO
13-14: Richland County Road Dept Training

**June 2008**

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3: Montana LTAP Advisory Board Meeting - Bozeman, MT

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14-17: Nat’l LTAP Conference; Breckenridge, CO
Training on Request: Summer Survival

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Training on Request: Summer Survival; Forklift; Mowing

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3-4: 19th Annual APWA Equipment Training & Snow Rodeo, Great Falls, MT
21-25: MACo Annual Conference, Hamilton, MT

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8,9, 10: League of Cities & Towns - Missoula, MT
MACRS District Meetings

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MACRS Planning Meeting, Lewistown, MT
Training on Request: Winter Maintenance & Winter Survival

**December 2008**

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Training on Request
* Winter Travel-Survival
* Winter Maintenance
* Leadership

Some dates and locations are subject to change. Call Genevieve Albert, LTAP, 1-800-541-6671 to confirm.
Calendar of Events 2008

Montana LTAP Workshops:

Workforce Development
April 28 - 30, 2008
Glasgow, MT
Day 1 & 2: Gravel Roads
Day 2 PM: Forklift Certification
Day 3: Safety Engineering, Summer Survival, & Leadership
To register for any of these classes, contact Genevieve Albert, Montana LTAP Conference Coordinator, at 1-800-541-6671. Information and brochures are on-line at www.coe.montana.edu/ltap.

Fall Conferences

19th Annual Equipment Operator Training & Snow Rodeo - Great Falls, MT
September 3 and 4, 2008
For questions, please contact Genevieve Albert, Montana LTAP Conference Coordinator, at 1-800-541-6671. Information and brochures will be available July 2008 at www.coe.montana.edu/ltap.

MACo Annual Conference - Hamilton, MT
September 21-25, 2008
To register for the MACo Conference, please contact Montana Association of Counties, 2715 Skyway Drive; Helena, MT 59602-1213 - Email: maco@maco.cog.mt.us - Phone: 406-444-4360 - FAX: 406-442-5238

League of Cities and Towns - Missoula, MT
October 8-10, 2008
Montana League of Cities and Towns  208 N. Montana Avenue - Suite 201
Helena, Montana 59601 - 406-442-8768; P.O. Box 1704; Helena, Montana 59624-1704
E-mail: mlct@mt.net
The Hilton Garden Inn has been selected as the Conference Hotel. Room reservations can be made with the Hilton Garden Inn Missoula, 3720 North Reserve Street, at (406) 532-5300.

Out of State Conferences

Pacific Northwest Snowfighters Winter Maintenance Conference
May 20-22, 2008
Kennewick, Washington
capps.wsu.edu/conferences/pns

Pacific Northwest Bridge Maintenance Conference
October 7-8, 2008
Seaside, Oregon
capps.wsu.edu/bridge

Big Sky Bicycling

Just out from MDT is the 2008 Bicycling the Big Sky map. The most recent traffic data as of July 2007 is in this new edition.

Highway features of interest to bicyclists include traffic volumes, shoulder width, and rumble strips. There is also Montana bicycle laws, safety recommendations and contact information.

Pam Langve-Davis, MDT’s bicycle and pedestrian coordinator can be contacted at 406-444-9273 or e-mail at plangve-davis@mt.gov. Bicycling the Big Sky is also available at MDT offices or bicycle shops.

For more information on bicycle and pedestrian program information, go to http://www.mdt.mt.gov/travinfo/bikeped/.

Pamphlets and other safety resource materials include Montana bicycle and pedestrian laws, Share the Road bumper stickers and posters, Walk and Ride Safe brochures for parents and children, helmet fitting information, the A to Z by Bike booklet and traffic safety coloring books.
**2008 Montana Roads Scholars**

At the 2008 MACRS Annual Conference, twenty-two Roads Scholars were honored with a Level I Roads Scholar certificate and jacket. For more information about Roads Scholars, visit www.coe.montana.edu/ltap/pages/roads.htm.

1. Abreu, Tina - Stillwater  
2. Bacon, Kim - Wibaux  
3. Beery, Joe - Dawson  
4. Boysun, Grant - Custer  
5. Bramsen, Calvin - Missoula  
6. Gorder, Shane - Richland  
7. Guenther, Randall - Sheridan  
8. Haines, JR - Rosebud  
9. Iverson, Greg - Flathead  
10. Keyes, Dow - Beaverhead  
11. Longmire, Mike - Missoula  
12. Mohn, Jim - Flathead  
13. Perkins, Steve - Custer  
14. Richetti, Rick - Lewis & Clark  
15. Rosaaen, Allen - Richland  
16. Salisbury, Preston - Dawson  
17. Satterthwait, Virgil - Rosebud  
18. Schaad, Duane - Treasure  
19. Stevens, Randy - Missoula  
20. Stokes, John - Pondera  
21. Tolan, Dennis - McCon  
22. Tucker, Tom - Stillwater

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**A Few Comments from Some of the 2008 Roads Scholars:**

“LTAP training is like having a ripper on a blade. When you hit a hard spot you rip it up. Problem solved. LTAP gives you some of the tools to take care of the hard spots.”

*Joe Beery, Dawson County Road Department*

“I have found the training programs provided by the LTAP program to be very beneficial in my day-to-day work. A better understanding of the physical characteristics of different road construction materials and the effects of mixture and application practices of them has helped me to be better able to prepare durable road surfaces. The interaction with other, more experienced operators allows a good interchange of work practices and ideas to address a number of environment changes.”

*Preston Salisbury, Dawson County Road Department*

“It is great to put to use what we learn at the LTAP programs that are offered to us. Attending the Winter Survival class in Glendive last spring, and also the 2007 Snow Conference taught me things that I now use every day. It does not matter if you are an “Old Timer” or just starting out, this information is a valuable tool that everyone can use.”

*Randall Guenther, Sheridan County Road Department*

“I have worked for Treasure county for the past eleven years. The training I received from LTAP has been very beneficial not only to me, but to the County and the people that live here. The training provided me with information that helps me daily at work.”

*Duane Schaad, Treasure County Road Department*

“I have been in road construction and maintenance for 20+ years. The various seminars I have attended I found insightful and useful in real life applications. The discussion with other operators at these seminars gives me an opportunity to exchange fresh ideas and unique techniques to unusual situations.”

*Tom Tucker, Stillwater County Road Department*

“Over the past 24 years I have worked for McCon County. With the assistance and training of LTAP, I have learned the importance of using the right materials and size of gravel to provide not only the technology of keeping roads packed for dust control and washboarding but also the importance of keeping a good crown on gravel roads.”

*Dennis Tolan, McCon County Road Department*

“I have been with Missoula county for nine years. Prior to that I worked for the City of Missoula Street Department. The LTAP training classes have been really beneficial at providing a lot of extra knowledge on gravel roads and safety to me and the whole crew at Missoula County. I look forward to attending more classes in the future.”

*Randy Stevens, Missoula County Road Department*

“There are a lot of important factors to building a road to make it safe. I work on Richland County’s road rebuilding crew. What I have learned over the past five years at the many LTAP courses is that the proper crown in a road, correct shoulders, backslashes, drainage, and graveling are all key in the maintenance of a road. I have the information to fix visibility problems, like blind corners and blind hills. I also have an understanding of an accurate speed limit on super curves. I encourage LTAP training for everyone.”

*Shane Gorder, Richland County Road Department*

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“As the first woman in Montana to receive a Roads Scholar, I just want to thank MACRS and LTAP for providing safety training for county road crews.”

*Tina Abreu, Stillwater County*
Impaired Driving Assessment Center Takes to Montana Roads

The Montana Department of Transportation and the Montana Highway Patrol unveiled Montana’s newest weapon against impaired drivers last June, 2007. The Mobile Impaired Driving Assessment Center (MIDAC) is used by MHP and other local law enforcement agencies as an efficient way to process DUI arrests. MIDAC is deployed to areas during events associated with a prevalence of alcohol or drug consumption and impaired driving.

MDT funded the $250,000 Center using a grant from the National Highway Traffic Safety Administration. The MHP will own, operate and maintain MIDAC. It will be available for local and tribal law enforcement to process impaired drivers when the Center is being used in or near their jurisdictions.

MIDAC is a self-propelled vehicle that, at a length of 39 feet and width of almost 8 feet, resembles an over-sized moving truck. Officers can fully evaluate the impairment level of people who have been detained for impaired driving. MIDAC is outfitted with an Intoxilyzer 8000 (blood alcohol content testing equipment), portable breath testing devices, a fully digital monitoring/surveillance system (cameras, DVD recorders), state of the art computers/data collection system and communication capability, refrigeration for storing blood evidence and a bathroom.

Preliminary data shows 119 of the 263 fatalities last year on Montana roads involved an impaired driver. Additionally, injuries in crashes involving an impaired driver were at the highest percentage of all crash injuries since 1994, tallying 19.2 percent. In 2006 alone, the economic loss due to crashes involving impaired drivers exceeded $193 million.

“Using MIDAC will help get law enforcement back on the road after arresting an offender,” said Col. Paul Grimstad of the MHP. “In the past it’s taken hours to process each arrest. MIDAC will allow us to quickly get back on the road to enforce Montana law and keep drivers safe.”

MIDAC reduces the time arresting law enforcement officers spend transporting alleged impaired drivers to the nearest jail. With the Center in close proximity to enforcement activities, officers can process suspects then return to the road to continue traffic enforcement and safety activities.

“The Department of Transportation is pleased to have this partnering opportunity with the patrol,” said Jim Lynch, MDT director. “Getting impaired drivers off the road is about saving lives, and with Montana having the highest rate of impaired driving fatalities in the nation, we have our work cut out for us.”

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Welcome to the LTAP Lending Library where publications, videos, DVD’s, and software may be borrowed for two weeks and then returned to the Library. These resources are for use by Montana county, city, and state departments. Up to three videotapes or DVD’s may be checked out from the LTAP Lending Library rent-free for two weeks. Some publications are free or for a nominal charge upon request.

Information or checkout procedures, call Genevieve Albert or Michele Beck, LTAP, 1-800-541-6671.

If you have computer access, please e-mail us at mtltap@coe.montana.edu.

You will find the latest lists for the library publications, software, DVD’s, and videos at our web site: www.coe.montana.edu/ltap. You can also keep track of upcoming workshops, past and present newsletters, and “What’s New” items that change periodically.

### Publications

**p-284 Clay Seam Mapping With Electromagnetic Induction (FHWA Nov 2005)** This report summarizes multi-phase geophysical demonstrations using various electromagnetic induction (EMI) methods on SR537 near Dulce, New Mexico. The road has had extensive surface rehabilitation due to the presence of swelling clay-rich zones in the road base. Using electromagnetic geophysical methods with rapid acquisition procedures provided a means of detecting the location of potential swelling clay-rich zones. This information was used to guide the soil boring program, thus greatly reducing the risk of missing a clay-rich zone during the site characterization planning stage and thus preventing or minimizing cost-overruns during the reconstruction phase. (94 pages)

**p-428 Long-Life concrete Pavements in Europe and Canada (August 2007) FHWA & AASHTO** This scanning study identified design philosophies, materials requirements, construction procedures, and maintenance strategies used in Europe and Canada to build long-life concrete pavements. (69 pages)

**p-520 Roadside Weed Management (2007) FHWA** This publication contains information on each State’s weed law, and weed resources, policy, and more. (369 pages)

**p-565 Promoting Geosynthetics Use on Federal Lands Highway Projects (December 2006) FHWA** This study aims to develop recommendations to identify, promote, and advance the use of geosynthetic materials across the FLH in the Roadway, Bridge/Structures, and Geotechnical areas. (103 pages)

**p-607 Erosion Control Treatment Selection Guide (December 2006) USFS** This guide presents a strategy and information to assist professional judgment in developing cost-effective erosion control treatments for conditions commonly encountered on USDA Forest Service lands. This guide focuses on erosion control treatment and does not specifically address sediment control. (53 pages)

**p-609 Environmentally Sensitive Maintenance for Dirt and Gravel Roads (March 2006) Gesford and Anderson** The manual will provide insight into using natural systems and innovative technologies to reduce erosion, sediment and dust pollution while more effectively and efficiently maintaining dirt and gravel roads. The manual will address the environment of forests, mountainous terrain, and rolling hills. (310 pages)

**p-720 Surface-Aggregate Stabilization with Chloride Materials (December 2006) USFS** This publication provides Federal, State, county, and local road managers information on the performance and cost effectiveness of road-mixing high applications of calcium and magnesium chloride that are applied in a one-time construction process. The purpose of this project was to develop guidelines for chloride-stabilization and aggregate-surfacing materials in various environments. (23 pages plus CD)

**p-808 Toolbox of Countermeasures and Their Potential Effectiveness for Pedestrian Crashes (September 2007) FHWA** This issue brief documents estimates of the crash reduction that might be expected if a specific countermeasure or group of countermeasures is implemented with respect to pedestrian crashes (4 pages)

**p-839 Ready for the Road by Joe Kolman (Jan/Feb 2008) Montana Magazine** This article interviews Director Steve Jenkins, Montana LTAP, with regards to being prepared when driving the roads of Montana, be it winter or summer. (Pages 64-68)
p-852 Safe Routes to School Guidebook (June 2007) Montana Dept. of Transportation
This guidebook discusses elements of successful Safe Routes To School programs and shows how Montana’s SRTS Program can help you make a difference in the quality of life for children and in school neighborhoods. (115 pages)

p-853 Evergreen Schools, Safe Routes to School Study (May 2007) Robert Peccia & Associates
The development of this study, coupled with the recommendations to improve student safety, are the primary subject matter included within this report. It is the hope and desire of the MDT, and the author, that this short yet succinct report will serve as a blueprint for improving student safety at the Evergreen Schools (Kalispell) over the coming years. (105 pages)

p-866 Accessible Public Rights-of-Way, Planning and Designing for Alterations (July 2007) PROWAAC
This technical assistance publication has been developed to provide guidance in the planning and design of pedestrian improvements constructed as part of an alteration project. Its text, illustrations, and case studies aim to expand the reader’s body of knowledge in accessible right-of-way design. (107 pages)

p-912 Traffic Signals (September 2007) FHWA The introduction to this issue brief provides an overview of traffic signals (purpose, warrants for signal installation, advantages, disadvantages, and factors to consider) followed by an introduction to the contents of this issue brief (crash reduction factors, presentation of the crash reduction factors, and using the Tables). (7 pages)

p-961 Commercial Motor Vehicle Size and Weight Enforcement in Europe (July 2007) FHWA This scanning study evaluated procedures and technologies for enforcing commercial motor vehicle size and weight laws in Belgium, France, Germany, the Netherlands, Slovenia, and Switzerland. (100 pages)

p-965 Toolbox of Countermeasures and Their Potential Effectiveness for Intersection Crashes (September 2007) FHWA This issue brief documents estimates of the crash reduction that might be expected if a specific countermeasure or group of countermeasures is implemented with respect to intersection crashes. (14 pages)

p-970 Toolbox of Countermeasures and Their Potential Effectiveness for Roadway Departure Crashes (September 2007) FHWA This issue brief documents estimates of the crash reduction that might be expected if a specific countermeasure or group of countermeasures is implemented with respect to roadway departure crashes and other non-intersection crashes. (14 pages)

p-1039 Manual for LS-DYNA Wood Material Model 143 (August 2007) FHWA An elastoplastic damage model with rate effects was developed for wood and was implemented into LS-DYNA, a commercially available finite element code. This manual documents the theory of the wood material model, describes the LS-DYNA input and output formats, and provides example problems for use as a learning tool. Companion report is Evaluation of LS-DYNA Wood Material Model 143 (August 2005)—p-1038 in Montana LTAP’s library. (163 pages)

p-2010 Barrier Guide For Low Volume and Low Speed Roads (November 2005) FHWA This guide is intended to provide assistance in the warranting, selection, and design of roadside barriers. The guidelines present practical and useful guidance for common conditions and situations encountered in the design of roadside barriers for Federal Lands Highway projects. (152 pages)

p-3119 2008 NHI Catalog, Training the Transportation Workforce National Highway Institute This is the National Highway Institute’s 2008 catalog listing all courses available from them, course title, outcomes, target audience, training level, fee, length, class size. (280 pages)

p-3130 2008 ARTBA Membership Directory & Buyers’ Guide This publication lists ARTBA member firms and organizations, elected leaders and the association’s operations. (276 pages)
Editorial Contributions

Welcome

LTAP welcomes contributions to LTAP MATTERS. Those wishing to submit relevant material to be published in the next newsletter can submit their ideas and articles to:

Michele Beck
Local Technical Assistance Program
Faculty Court  Unit 22
PO Box 173910
Montana State University-Bozeman
Bozeman, MT 59717-3910

(800) 541-6671 or (406) 994-6100
Fax: (406) 994-5333
email: mbeck@coe.montana.edu

The Local Technical Assistance Program Newsletter, LTAP MATTERS, is published quarterly. Funding for this program is provided by the Federal Highway Administration through the Montana Department of Transportation, Montana State University and a portion of Montana’s gas tax revenues.

This newsletter is designed to keep you informed about new publications, techniques, and new training opportunities that may be helpful to you and your community.

Present and past issues are available at www.coe.montana.edu/ltap or by calling 1-800-541-6671.

Approximately 1200 copies of this public document were published at an estimated cost of $1.37 per copy for a total cost of $2,100 which includes $1,700 for printing and $400 for distribution.

LTAP attempts to provide accommodations for any known disability that may interfere with a person participating in any service, program or activity. Alternative accessible formats of this document will be provided upon request.

Please send us any comments or concerns you may have regarding this newsletter with your name and address in order that we may respond in a timely manner.