Your video library has assisted us in everything from bridge maintenance and asphalt repair to road drainage, shoulder building, and traffic control. We have received 46 various training films over the past three years.

LTAP CUSTOMER (TENNESSEE)

I have used articles and information from LTAP often. The newsletters have helped me work with local towns in designing a safer road system. Keep it up!

LTAP CUSTOMER (CONNECTICUT)
In 20 years, LTAP’s customer base and services have expanded rapidly.

Responding to the need for rural transportation assistance, the Rural Technical Assistance Program (RTAP) began as a 10-center pilot program of the FHWA and state DOTs.

After a successful first year, additional centers joined the program.

To broaden program coverage, a 50/50 match of federal funds with local funds was instituted.

RTAP was changed to the Local Technical Assistance Program (LTAP) as the Intermodal Surface Transportation Efficiency Act (ISTEA) widened the program’s scope to include urban areas with populations over 50,000.

The Tribal Technical Assistance Program (TTAP) serving American Indian tribal governments was established.

The Transportation Equity Act for the 21st Century (TEA-21) reaffirmed LTAPs commitment to serving both rural and urban areas.

LTAP established formal agreements with AASHTO, APWA, and NACE.

Significant resources are needed for LTAP to better serve local and tribal agencies and to keep up with expanding demands on the transportation system.

Utah DOT Executive

Director Tom Warne was asked: “What if we train our employees and they leave?” He responded, “What if we don’t train them and they stay?”

Roads Scholar

LTAP’s Roads Scholar programs provide a curriculum of training to enable transportation workers to study road fundamentals, safety, drainage, snow and ice removal, and training management. The courses help the participants develop professionalism and advance in their careers. Roads Scholars are recognized for their training and expertise.

Safety Circuit Rider

Many transportation workers cannot attend training events because of the travel time and cost. LTAP’s Safety Circuit Riders take safety training to local agencies with on-site workshops at convenient locations.
Due to its isolated location and limited budget, town employees have very few training opportunities. Without LTAP, the town of Parker would not have been able to provide the level of high-quality training. We look forward to working with LTAP as it continues to grow and expand in new areas.

DIRECTOR OF PUBLIC WORKS, TOWN OF PARKER (ARIZONA)

Training is the heart of LTAP

According to city, county, and tribal agencies, significant training is needed in these areas:
- safety
- work zone traffic control
- winter maintenance, including snow and ice control
- signs and signals, including Manual on Uniform Traffic Control Devices (MUTCD) training
- paved and unpaved road maintenance
- planning and design
- materials
- equipment
- environment
- information management, including geographic information systems (GIS) applications
- asset and pavement management systems
- innovative finance and statewide planning

LTAP serves these and other training needs through workshops, road shows, demonstrations, computer training, distance learning, conference seminars, and courses in the field and classroom.

LTAP centers provide more than 4,000 training events to over 115,000 participants annually. That's approximately 20 training events serving nearly 500 participants per day!

We appreciate the efforts of LTAP in setting up a training program for traffic control in work zones and tailoring it to our specific needs. I cannot think of a more valuable source of information or of a better way to communicate with other agencies that may have similar problems or solutions that have worked for them.

STREET DIRECTOR,
VILLAGE OF RUIDOSO
(NEW MEXICO)

Our LTAP center fosters communications, coordination, and understanding through regular exchange of information, expertise, and technologies. Washington DOT doesn't need to duplicate these functions. The LTAP center becomes the information hub.

By using our on-demand training program, Kentucky DOT district offices can have training presented in their location—eliminating travel costs and greatly reducing registration fees.

By having state, local, and industry employees attending courses together, communication and cooperation have been greatly improved.

KENTUCKY LTAP CENTER

LTAP maximizes resources

Through innovative partnerships, each LTAP center matches every federal dollar it receives with local funds. LTAP center matching fund sources include:
- state DOTs
- universities
- self-generated funds (such as course fees)
- Section 402 Highway Safety Program funds
- American Public Works Association state chapters
- state contractors' associations
- county associations
- local government agencies
- MPOs and RPAs
- insurance cooperatives

Tribal Technical Assistance Program center funds are matched by the Bureau of Indian Affairs.

LTAP centers also collaborate with other organizations to share resources and expertise, increase efficiency, and reduce duplication of services.
Challenges Programs problems

I think LTAP is just beginning to realize its potential for assisting governments directly and indirectly. We estimate a savings of $15,000 because of LTAP programs and services.

LTAP faces a major challenge: Due to limited resources, LTAP currently reaches only one-third of its target audience—38,000 local and tribal agencies with transportation responsibilities.

Why aren’t more transportation workers taking advantage of LTAP’s services? There are two main reasons:
1. Many potential customers are unaware of LTAP.
2. Many local transportation workers cannot afford to travel far or be away for an extended time for training.

With additional resources, LTAP can promote its services to a wider audience and deliver more customized, responsive training such as on-site workshops and distance learning.
LTAP provides local agencies with a variety of tools—training events, technology transfer resources, and personalized assistance—for improving their transportation operations. Many state DOTs also benefit from LTAP services. Each LTAP center adapts its programs to address the unique challenges faced by the customers it serves.

Many of our tribal partners are so underfunded they can’t even afford to travel to meetings and training events.

DEPUTY SECRETARY FOR OPERATIONS, WASHINGTON DOT

We’d like to see the Roads Scholar program taken to the next level. Our roads would be a lot safer if our local utilities were targeted for the Construction Zone Safety course. How can we get the word out to them?

LTAP CUSTOMER

Another challenge awaits LTAP. It is projected that nearly half of the current transportation workforce may retire by year 2010. At the same time, our roadways are becoming more and more congested and the traveling public expects smooth, safe, and delay-free travel at all times. LTAP can be a significant part of the solution by training new and current workers and assisting them in delivering a safe and efficient transportation system. LTAP is a reliable source for transportation information, training, and technical assistance—to local agencies, tribal governments, state DOTs, and many other customers.

Through innovative partnerships, customized delivery mechanisms, and additional support, LTAP can rise to meet the needs and opportunities that await.
Without this valuable resource of the LTAP Center to our municipality, the folks in Fenwick Island could still be riding on tar and chip.

CONNECTICUT
Connecticut Technology Transfer Center
Connections: Transportation Initiative
University of Connecticut
Unit 5207
Storrs, CT 06269
Contact: Dennis Shear
860-486-5600 (phone), 860-486-2390 (fax)
shear@cog.uconn.edu, http://www.uconn.edu

DELAWARE
Delaware DOT Technology Transfer Center
PO Box 778
Dover, DE 19903
Contact: Lawrence Lynch
302-760-2158 (phone), 302-730-2251 (fax)
lynn@dot.state.de.us, http://www.debit.net/transport/dot/4332/beta/2/beta/ttcenter/495/delaware/495/delaware.html

FLORIDA
Florida Transportation Technology Transfer Center
University of Florida
PO Box 116367
Gainesville, FL 32611
Contact: Gary Foster
352-392-5373 (phone), 352-392-3234 (fax)
cfoster@ufl.edu, http://cf.ufl.edu

GEORGIA
Georgia DOT LTAP Center
276 Memorial Dr. SW
Atlanta, GA 30303
Contact: Dennis Bristow
404-655-6604 (phone), 404-655-7193 (fax)
dennis.bristow@georgia DOT.gov, http://www.uga.edu/about/ourcampuses/atlanta/transportation/techtransfer/gdot/ltapcenter/2/gdotcenter/1/GeorgiaDOTLTAPCenter/1/dot_app/1/GeorgiaDOTLTAPCenter/1/index.html

HAWAII
Hawaii LTAP
Dept. of Civil Engineering
University of Hawaii
2540 Dole St.
Honolulu, HI 96822
Contact: Jolene Koyanagi
808-956-5038 (phone), 808-956-8851 (fax)
jkoy@hawaii.und.edu, http://www.hawaii.und.edu/ltap/

IDAHO
Idaho Technology Transfer Center
University of Idaho
PO Box 440411
Moscow, ID 83844
Contact: Douglas Moore
208-885-4514 (phone), 208-885-2877 (fax)
dmoore@iit.org, http://www.ise.idaho.edu/idaho2/2

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dennis.bristow@georgia DOT.gov, http://www.uga.edu/about/ourcampuses/atlanta/transportation/techtransfer/gdot/ltapcenter/2/gdotcenter/1/GeorgiaDOTLTAPCenter/1/dot_app/1/GeorgiaDOTLTAPCenter/1/index.html

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Hawaii LTAP
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University of Hawaii
2540 Dole St.
Honolulu, HI 96822
Contact: Jolene Koyanagi
808-956-5038 (phone), 808-956-8851 (fax)
jkoy@hawaii.und.edu, http://www.hawaii.und.edu/ltap/

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Contact: Douglas Moore
208-885-4514 (phone), 208-885-2877 (fax)
dmoore@iit.org, http://www.ise.idaho.edu/idaho2/2

Due to our LTAP center’s services, we’ve had fewer accidents, gravel roads are in better shape, and we’ve had fewer problems with water running on road surfaces. Our equipment is in better running condition because of maintenance programs suggested by LTAP.

ROAD FOREMAN,
DAKOTA COUNTY (NEBRASKA)

Why is LTAP needed?
The days are long gone when local agencies can solve their transportation problems merely by parking more miles of road. Today's city, county, and tribal governments juggle a multitude of increasingly complex challenges:

- enhancing roadway and work zone safety
- ensuring traveler mobility in all kinds of weather and road work
- providing safe and convenient facilities for pedestrians and bicyclists
- managing increased congestion without building more roads
- training a new workforce to replace a retiring one
- targeting training to an increasingly integrated transportation workforce
- complying with environmental laws and regulations like new storm water regulations
- managing administrative issues like compliance with new governmental accounting standards
- responding to the unique challenges of aging drivers
- incorporating new technologies to work more efficiently

Local agencies face the dual challenge of meeting these growing needs with relatively flat, even shrinking, budgets. LTAP rapidly and inexpensively delivers training and technical assistance to connect customers with current advances in transportation technology.
Serving local needs

Who is served by LTAP?

Across the country, 38,000 local agencies—small and large cities, rural and urban counties, and tribal governments—maintain nearly three million miles of roads and some 29,000 bridges. LTAP’s mission is to help these agencies tap into new technology, information, and training so they can operate more efficiently and safely.

LTAP is a direct, hands-on method for moving innovative transportation technologies out of the lab, off the shelf, and into the hands of the people who maintain our local streets and roads:

- public works directors and staff
- city and county engineers
- local highway safety officers
- transportation planners
- street and road maintenance superintendents and staff
- certified technicians
- skilled roadway laborers

LTAP was envisioned to serve local governments, but its services transcend agency boundaries. State DOTs, municipal planning organizations (MPOs), regional planning agencies (RPIAs), and private consultants to local agencies also rely on LTAP resources.

ILLONOIS
Illinois Technology Transfer Center
Illinois DOT
200 S. Dearborn Parkway, Rm. 205
Springfield, IL 62704
Contact: Willy Schricker
217-785-9048 (phone), 217-785-7206 (fax)
TLRSSDOT@t1.illinois.edu, http://www.dot.state.il.us/ltap/center.html

INDIANA
Indiana LTAP
Vision Technology I
1435 W. Renard Rd., Ste. B100
West Lafayette, IN 47905
Contact: Tom Martin
765-494-2164 (phone), 765-494-1176 (fax)
martin@tcc.purdue.edu, http://www.vision.tcc.purdue.edu/irlatap/

IOWA
Iowa LTAP
Center for Transportation Research and Education
Iowa State University
2991 S. Long Dr., Ste. 3300
Ames, IA 50010
Contact: Dave Smith
515-294-8181 (phone), 515-294-0467 (fax)
dsmith@iastate.edu, http://www.centre.iastate.edu/iriap/

KANSAS
Kansas University Transportation Center
1530 W. 15th St.
2015 Leaded Hall
Lawrence, KS 66045
Contact: Pat Weaver
785-864-5558 (phone), 785-864-3190 (fax)
weaverks@kutzt.edu, http://www.kutztnp.tku.edu/ktap/

KENTUCKY
Kentucky Transportation Center
University of Kentucky
310 Raymond Building
Lexington, KY 40506
Contact: Penny Anderson
800-432-0719 (phone), 859-257-1061 (fax)
panderson@kentucky.edu, http://www.kiuc.edu/ktcp/

LOUISIANA
Louisiana LTAP Transportation Transfer Center
4101 Girardeur Ave.
Baton Rouge, LA 70809
Contact: David Grouchy
225-767-9117 (phone), 225-767-9136 (fax)
grouchy@lsu.edu, http://www.kbtap.lsu.edu/ktap/

MAINE
Maine Local Roads Center
Maine DOT
Station: 16
Augusta, ME 04333
Contact: Peter Coughlin
207-624-3310 (phone), 207-624-3292 (fax)
peter.coughlin@maine.gov, http://mainet.gov/mdot/pt/roads/planning/tdrc/tdrc.htm

MARYLAND
Maryland Transportation Technology Transfer Center
University of Maryland
Noyes Building 800, Ste. 3102
College Park, MD 20742
Contact: Phil Telford
301-405-4023 (phone), 301-405-4021 (fax)
telford@umd.edu, http://www.mttrc.umd.edu/mttg/

MASSACHUSETTS
Baystate Roads Program
USMA Transportation Center
Marathon Hall 214
Amherst, MA 01003
Contact: Christopher Ahmadi
413-545-2004 (phone), 413-545-6411 (fax)
ahmadic@ecs.umass.edu, http://www.cs.umass.edu/ahmadic/

MICHIGAN
Michigan LTAP
Michigan Tech University
1400 Townsend Dr
Houghton, MI 49931
Contact: Tony McMichen
906-487-2100 (phone), 906-487-3400 (fax)
lapt@mtu.edu, http://www.bhktap.mtu.edu/trac/

MINNESOTA
Minnesota Technology Transfer/LTAP Program
Center for Transportation Studies
313 Washington Ave. S.
Transportation and Safety Building, Ste. 200
Minneapolis, MN 55455
Contact: Quli Magui
612-620-2077 (phone), 612-625-6381 (fax)
corina.ohanlon@umn.edu, http://www.rtsr.umn.edu/ltap/minnesota/

MISSISSIPPI
Mississippi Center for Transportation Technology
Jackson State University
PO Box 38125
Jackson, MS 39217
Contact: Lottie Moore
601-979-2339 (phone), 601-979-3703 (fax)
ojamas@cs.jsc.edu, http://www.jsc.edu/~ojamas/

MISSOURI
Missouri Local Transportation Resource Center
Civil Engineering Dept.,
University of Missouri-Rolla
1870 Miner Circle
134 Squires-Carrier Hall
Rolla, MO 65409
Contact: Mohammed Qureshi
573-341-4003 (phone), 573-341-4724 (fax)
qureshi@umr.edu, http://www.umsystem.edu/~micr/

ONTARIO
Ontario LTAP
40 Coburg Rd
PO Box 173910
Brampton, ON L7A 1J7
Contact: Steven Jenkins
416-994-6100 (phone), 416-994-1697 (fax)
MLTP@coe.mcrmonat.com, http://www.coe.montana.edu/ltap/

NEBRASKA
Nebraska Technology Transfer Center
PO Box 880560
Lincoln, NE 68508
Contact: Daniel Casey
402-472-5748 (phone), 402-472-0685 (fax)
caseyuk@bldt.nebraska.edu, http://www.etna.unl.edu/ntt/

NEVADA
Nevada Transportation Technology Transfer Center
University of Nevada
Box 237
Reno, NV 89557
Contact: Maria Ariza-Graham
775-784-1433 (phone), 775-784-1429 (fax)
magraham@unr.edu, http://www.unr.edu/ntt/

NEW HAMPSHIRE
University of New Hampshire Technology Transfer Center
33 College Rd.
Durham, NH 03824
Contact: Kathy Dobbs
603-862-5300 (phone), 603-862-5301 (fax)
dobbsrk@unh.edu, http://www.etna.unh.edu/ntt/

NEW JERSEY
New Jersey LTAP
Center for Advanced Infrastructure and Technology
College of Engineering
Rutgers, The State University of New Jersey
623 River Rd.
Piscataway, NJ 08854
Contact: Joseph Orth
jorthy@bit.rutgers.edu, http://www.bep.rutgers.edu/
A Message from the National LTAP Association’s Executive Committee

The national association representing LTAP and LTAP centers is pleased to present this progress report highlighting LTAP’s successes, as well as its continuing challenges, in providing transportation training and technical assistance to local and tribal agencies and state DOTs. LTAP’s success in delivering tangible benefits to customers through training and technical assistance. LTAP centers respond to the specific transportation needs of their customers with efficient, cost-effective solutions.

Another reason for LTAP’s success is our ongoing commitment to partnering. In 1998, after years of informal collaboration with many state DOTs, local public works chapters, and county associations, the National LTAP Association formalized formal agreements with AASHTO, APWA, and NACE. In addition, many LTAP centers have integrated their services with other transportation education efforts, such as universities, two-year programs, and trade association curricula.

The goal of these relationships is to reduce duplication of services, share training costs and expertise, and provide optimum training and information to our customers. The net result is a better-informed and trained transportation workforce. LTAP success stories are numerous (you’ll learn about some of them in this report). Even so, LTAP is reaching only about one-third of local governments. And the demand for LTAP services keeps growing! LTAP is committed to doing more. Creative partnering has provided LTAP a way of getting the most out of current resources. With critically needed additional support, LTAP will continue to improve its effectiveness, better serve its customers, and help them bridge the gap from problem to solution.

White Slocomb, Region 1
Ronald Hall, Region 2
Mike Blankenship, Region 3
James Burati, Region 4
Terry McIninch, Region 5
David Grouchy, Region 6
Duane Smith, Region 7
Frank Pelouet, Region 8
C.S. Papacostas, Region 9
Bruce Drewes, Region 10

**State and local transportation agencies must keep strong lines of communication to conduct their business effectively. AASHTO recognizes the very important role that LTAP plays in maintaining these lines of communication.**

— JOHN HORSBY,
EXECUTIVE DIRECTOR, AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO)
LTAP: Keeping Our Transportation Workforce Strong

Transportation agencies of all types across the country are experiencing an unprecedented workforce crunch. Over half of the current workforce—city and county engineers, road work supervisors, construction and maintenance workers, etc.—may be lost to retirements and cutbacks by 2010. These workers are taking with them years of experience, knowledge, and skills. At the same time, the remaining transportation workforce is experiencing increased demands and training needs.

Fifty-seven Local Technical Assistance Program (LTAP) centers are in place across the country to provide solutions to these workforce development challenges by building strategic partnerships and delivering customized training.

Customized Training

LTAP is uniquely situated to defuse the transportation workforce crisis. LTAP centers in every state and Puerto Rico and six regional centers serving American Indian tribal governments bring expertise to the people who need it through customized workshops and training materials.

Only LTAP offers training opportunities on-site or at convenient locations where local transportation workers can easily and affordably attend. LTAP is also taking advantage of new methods of technology transfer such as CD-ROMs and e-learning to leverage resources and reach more people.

The Power of Partnering

LTAP shares resources with its partners such as the American Public Works Association, the National Association of County Engineers, and the American Association of State Highway and Transportation Officials.

By taking full advantage of these partnerships, LTAP reduces duplication of effort and maximizes the impact of funding.

The retirement problem is driving the workforce issue and will for quite some time. We don’t want to be caught short.

JOE TOOLE, FEDERAL HIGHWAY ADMINISTRATION

LTAP can help pass ‘soon to retire’ technical expertise down to the next generation of transportation workers. For example, it is not uncommon for an equipment operator with no supervisory experience to be promoted to a vacated leadership position. That person has an immediate need to be trained on a new set of skills.

WEST VIRGINIA LTAP CENTER
A compromised transportation workforce would have serious repercussions for the U.S. economy. Transportation is the key to the success of virtually every business in America.

NORMAN MINETA, U.S. SECRETARY OF TRANSPORTATION /
PUBLIC ROADS MAGAZINE

Maintenance of existing roads is critically important due to the high costs and reduced construction rates of new roads. LTAP provides the training necessary for roadway maintenance.

NORTH DAKOTA LTAP CENTER

Everyone is interested in training to improve the health, safety, and security of workers in increasingly hazardous transportation occupations. LTAP training is also needed more than ever in light of increasing liability and litigation.

VERMONT LTAP CENTER

The traveling public's expectations for our roadways have increased. They demand less congestion, increased safety and efficiency, and smooth, delay-free travel.

TRIBAL LTAP CENTER SERVING UTAH, ARIZONA,
COLORADO, AND NEW MEXICO

‘Back to the basics’ training is needed to accelerate the learning curve for new workers, and ongoing training is needed for new technologies and techniques.

MICHIGAN LTAP CENTER

Transportation workers want and need more certification, licensing, and continuing education opportunities than ever before.

MISSOURI LTAP CENTER

Additional Support

At its current level of funding, LTAP is able to reach only about one-third of transportation workers with its training. Additional support is needed for LTAP to fulfill its potential as the key resource for the nation's critical transportation workforce needs and opportunities.

Contact LTAP

Contact Joe Conway at the Federal Highway Administration (703-235-0552 or joe.conway@igate.fhwa.dot.gov) for more information about the Local Technical Assistance Program. To find the LTAP center in your area, visit www.ltapt2.org.
YOU SAY "L-TAP," I SAY "T-SQUARED"

The Local Technical Assistance Program (LTAP) is a national network of centers—one in every state, six serving tribal governments, and one in Puerto Rico. LTAP centers are sometimes known as technology transfer centers, or T² centers. Centers that serve American Indian tribal governments are called Tribal Technical Assistance Program (TTAP) centers. For your LTAP or TTAP center, see the list of centers at the end of this report and the map on the back.

LTAP Customers Benefit from Partnerships

Serving Local Needs

Programs that Solve Problems

LTAP Milestones

LTAP Maximizes Resources

Challenges and Opportunities

Contact Your LTAP Center

It is important that LTAP centers around the country are working with APWA chapters to create new training opportunities far less expensively.

— JUDITH M. MUeller, PRESIDENT,
AMERICAN PUBLIC WORKS ASSOCIATION (APWA)
LTAP solutions: helping transportation workers tap into resources and training

Contact your LTAP center

There are 57 LTAP centers, one in each state and Puerto Rico and six regional centers serving American Indian tribal governments. The centers are located at universities or state DOTs.

Progress Report of the Local Technical Assistance Program with 2003 updates