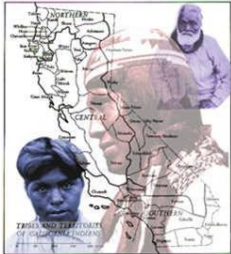


# Tribal Transportation News



A Publication of the California/Nevada TTAP  
Published by the National Indian Justice Center



## Transportation and Climate Change Developing Technologies, Policies, and Strategies

By Jonathan D. Rubin and Robert D. Noland



The rapid increases in the speed, efficiency, and accessibility of the transportation system over the past century have enabled unprecedented levels of social interaction and economic productivity throughout the world. Transportation for personal mobility and for the movement of freight is integral to the high standard of living in developed nations and to fostering growth in developing nations.

Transportation activity, however, is a major user of the world's carbon-rich fossil fuels and a major source of carbon dioxide (CO<sub>2</sub>) and other greenhouse gas (GHG) emissions associated with climate change. In the past 40 years, the developed world has mitigated many of the adverse environmental and public health impacts from transportation emissions—particularly in reducing the tailpipe pollutants from the burning of gasoline and diesel fuels.

### Challenging Endeavor

Yet the recent oil release in the Gulf of Mexico starkly and dramatically emphasizes that the environmental impacts of oil use remain a vexing problem. Addressing the transportation sources of climate change, in particular, is a challenging and complicated endeavor—climate change is possibly the greatest environmental and social challenge worldwide. Nonetheless, previous success in mitigating environmental problems instills a confidence that the transportation sector can reduce its significant contributions to climate change.

GHG emissions accumulate in the atmosphere; reducing emissions therefore offers the best strategy for preventing the buildup of GHGs to levels that pose a major risk to human and natural systems. Significantly reducing GHG emissions from transportation will require actions that go beyond increasing vehicle fuel efficiency and that encompass initiatives in all of the major passenger and freight modes.

Transportation GHG emissions consist largely of CO<sub>2</sub> from petroleum combustion (93 percent of emissions) but also include non-CO<sub>2</sub> emissions of methane and nitrous oxide from fuel combustion, as well as hydrofluorocarbons from vehicle air conditioning units—see Table 1. Globally, the transportation sector is responsible for 23 percent of energy-related GHG emissions, with approximately three-quarters from road vehicles (2). In the United States, the transportation sector produces 34 percent, reflecting the higher per capita consumption of carbon-based fuels compared with the rest of the world (see Figure 1). Transportation also exerts an indirect effect on climate change by inducing land use changes in agriculture, settlement patterns, housing, and business locations.



Photo: Wikimedia Commons

Traffic near Siam Square in Bangkok, Thailand. Expanding personal transportation networks play a major role in the growth of developing nations.

**TABLE 1 Total U.S. Greenhouse Gas Emissions by the Transportation Sector, 2007**

	Million metric tons in CO <sub>2</sub> -equivalent warming potential
Carbon Dioxide	1,902.5
Methane	5.1
Nitrous Oxide	56.2
Hydrofluorocarbons	72.7
Total	2,036.5

(Source: *Transportation Energy Data Book*, Edition 28, Table 11.4. [www-cta.oml.gov/data/tedb28/Edition28\\_Full\\_Doc.pdf](http://www-cta.oml.gov/data/tedb28/Edition28_Full_Doc.pdf).)

(Continued on page 4)

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CA/NVTAP is administered by the NIJC. If you would like to submit an article or graphic (jpg or tiff format) for publication in Tribal Transportation News, please send a text file (PC format) to Barry Litchfield, TTAP Coordinator/Editor, [barry@nijc.org](mailto:barry@nijc.org), along with a cover email giving us permission to print your article. We appreciate your submissions!

*The National Indian Justice Center is located in Santa Rosa, California. NIJC's building also houses the administrative offices of the California Indian Museum and Cultural Center, the Intertribal Court of California and the Regional Tribal Justice Center. Construction is currently underway for the California Indian Museum and Cultural Center, which will include a story-telling venue, Native plants garden, California Indian foods, a small Native village, audio-visual displays that highlight California Indian history and the contributions of California Indians, as well as Edward Curtis prints and traveling exhibits. If you are in the area, please come visit and tour the facilities.*



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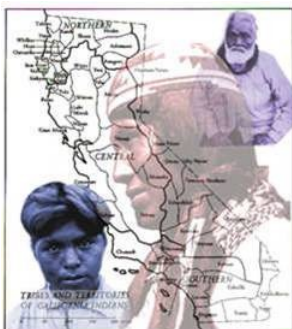
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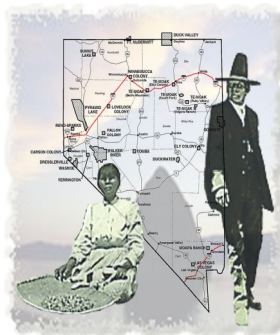
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# ROAD SAFETY 365 A Safety Workshop for Local Governments

The FHWA Office of Safety, in cooperation with Federal, State, and local stakeholders, has developed a one-day workshop for improving the physical factors of local and rural roadways that may contribute to crashes. Road Safety 365: A Workshop for Local Governments was developed incorporating notable adult learning approaches for conveying information and conducting exercises. It is designed to provide local and rural agencies with practical and effective ways to incorporate safety solutions into daily activities and the project development process.

Using examples, case studies, and hands-on activities, the course demonstrates how to integrate safety solutions into rural and local transportation projects at all stages of the project development process - planning, design, construction, implementation, operations, and maintenance. The course provides practical guidance in identifying road safety issues and implementing low-cost countermeasures. It also presents the benefits and potential cost savings of integrating safety improvements into daily operations and maintenance activities - not just on an occasional basis, but 365 days a year.

The Road Safety 365 workshop audience ranges from decision-makers to road crews. It is aimed primarily at local and rural road and public works supervisors. Others who would benefit from this training include: elected officials, public safety advocates, State Department of Transportation personnel, law enforcement, consultants, regional and rural development organizations, municipal associations, town safety committees, local planning commissions, metropolitan/rural planning organizations, university extension offices, and Local Technical Assistance Program (LTAP) and Tribal Technical Assistance Program (TTAP) personnel. After completing the workshop, participants should be able to identify safety issues on their road network and the countermeasures and available resources to address them.

This one-day workshop was developed for LTAP and TTAP Center delivery to local practitioners. Demonstrating how personnel who adopt a safety attitude/culture in performing their duties can have a significant impact on making their roadways safer, the workshop is divided into nine modules that cover all aspects of improving safety on rural roadways.

For additional information about this workshop, please contact Rosemarie Anderson at [rosemarie.anderson@dot.gov](mailto:rosemarie.anderson@dot.gov). Contact your local LTAP or TTAP for a schedule of workshops.





(Continued from page 1)

### Body of Evidence

This issue of *TR News May-June 2010* brings together leading experts to provide an overview of transportation's role in GHG buildup and in energy use. Several articles highlight recent reports published by the Transportation Research Board and by other units of the National Research Council (NRC). NRC is releasing reports in two series, *America's Energy Future* and *America's Climate Choices*, that present the perspective of all the major energy-consuming sectors.<sup>1</sup>

As explained in the NRC reports summarized in this issue, a strong and credible body of evidence documents that the earth is warming and that this warming is caused largely by human activities, especially through the release of GHGs from the burning of petroleum and other fossil fuels. Many models of emissions trends and climate risks indicate that GHG emissions may need to be reduced worldwide by 50 to 80 percent—perhaps by even more—by the middle of this century. To achieve these deep reductions will require actions that cut across all energy-using sectors to effect a marked departure from the current trajectory of increasing emissions, as one of the new NRC reports makes clear.

### Mix of Transportation Strategies

The article<sup>3</sup> by Fulton notes that no single transportation technology or policy action offers a promising means of achieving such deep reductions; instead, a mix of different technologies, policies, and strategies is necessary. The mix likely will involve sustained increases in the fuel economy of all kinds of vehicles, switching to fuels with lower GHG emissions per mile, and reducing the demand for energy and emissions-intensive transport services, with a range of actions from shifting modes to changing urban form.

The spectrum of actions includes the deployment of intelligent transportation systems that improve operational efficiency (see article<sup>3</sup> by Barth and Boriboonsomsin), and public policies that promote less energy-intensive patterns of land use (see article<sup>3</sup> by Gómez-Ibáñez and Humphrey). As Frankel and Menzies point out, these outcomes require many well-informed and complementary policy choices.

Because CO<sub>2</sub> emissions from transportation are roughly proportionate to the amount of petroleum consumed, the price of gasoline, diesel, and alternative fuels can affect emissions through fuel demand and supply. Despite recent spikes in the price of petroleum, however, U.S. transportation fuel costs have been relatively low. The low price, along with rising incomes, has favored heavier and larger personal vehicles that tend to use more fuel and produce greater quantities of GHG emissions.

### Regulatory Approaches

To counter this, the U.S. government has taken several actions. For example, federal tax incentives and other policy initiatives are spurring the introduction of vehicles with battery-powered electric drives. As explained by Turrentine, this poses many challenges, including integration with the electricity infrastructure. In addition, the U.S. Environmental Protection Agency and the National Highway Traffic Safety Administration have promulgated new performance regulations to increase the fuel economy of cars and light trucks and to reduce vehicle emissions of GHGs, including substances besides CO<sub>2</sub> (see article<sup>3</sup> by Noland).

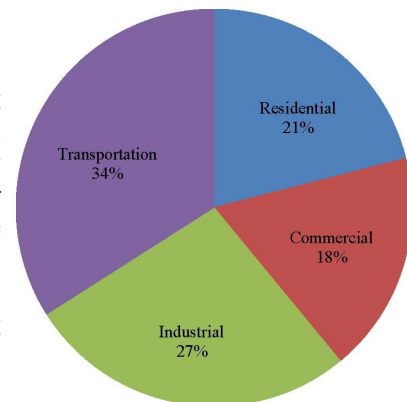
At the state level, California is pioneering an approach to control GHG emissions by regulating fuels, seeking to spur the development and use of low-carbon fuels such as advanced biofuels. In his article, Sperling explains California's low carbon fuel standard, which accounts for the total emissions from fuels, from production to consumption, to achieve net GHG reductions—a critical challenge for all mitigation policies.

### Modal Initiatives

Freight activity and its modal distribution also may need to change substantially, depending on progress in boosting energy efficiency and diversifying the energy supply, especially in the trucking sector (see article<sup>3</sup> by Mintz). The international maritime sector, instrumental in providing cheap transportation for global trade,

**FIGURE 1 U.S. carbon dioxide emissions from fossil fuel consumption by the energy-use sector, 2007.**

(Source: *Transportation Energy Data Book*, Edition 28, Table 11.5. [www-cta.ornl.gov/data/tedb28/Edition28\\_Full\\_Doc.pdf](http://www-cta.ornl.gov/data/tedb28/Edition28_Full_Doc.pdf).)



emits as much CO<sub>2</sub> as some of the world's most prosperous countries—and therefore is becoming a target of policy interventions, as discussed by Corbett, Winebrake, and Wang.

The aviation sector is becoming a major contributor to transportation emissions globally, and international efforts to control emissions are under way. Aviation depends on liquid fuels with a high energy content, prompting research to develop biofuels for this vital and safety-conscious sector (see article<sup>3</sup> by Anger and Putnam).

### Opportunities for Innovation

The research challenge is beginning, with many issues needing more informed and careful analysis, as Meyer and Godwin point out<sup>3</sup>. Meeting the challenge of climate change will provide opportunities for innovation—extensive and intensive innovation in technologies, practices, and policies. Although this issue of *TR News* can cover only a sample of the needs for research and innovation, the articles reflect the importance of a large, varied, and vibrant transportation research community going forward.



Photo: Ohio Department of Transportation

The changes in land use in the areas surrounding roadways and other transportation networks indirectly contribute to climate change.

### Acknowledgments

Members of several TRB committees were instrumental in developing, assembling, and reviewing the articles in this issue of *TR News*, including the TRB Special Task Force on Climate Change and Energy, the Transportation Energy Committee, the Alternative Transportation Fuels and Technology Committee, the Climate Change Joint Subcommittee, and the Transportation and Sustainability Committee. Appreciation is expressed to TRB Senior Program Officer Thomas R. Menzies, Jr., for his work with the committee chairs and authors and with TRB senior staff and the magazine's editorial board in shaping the final content of this issue.

### References

1. *Emissions of Greenhouse Gases Report*. DOE/EIA-0573, U.S. Energy Information Administration, December 2009.
2. Kahn Ribeiro, S., S. Kobayashi, M. Beuthe, J. Gasca, D. Greene, D. S. Lee, Y. Muromachi, P. J. Newton, S. Plotkin, D. Sperling, R. Wit, and P. J. Zhou. Transport and Its Infrastructure. In *Climate Change 2007: Mitigation—Contribution of Working Group III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change* [B. Metz, O R. Davidson, P. R. Bosch, R. Dave, and L. A. Meyer (eds.)], Cambridge University Press, Cambridge, United Kingdom, and New York, 2007.
3. *Climate Change: Curbing Transportation's Contributions*, *TR NEWS May-June 2010*: <http://onlinepubs.trb.org/onlinepubs/trnews/trnews268.pdf>

Rubin is Professor, Margaret Chase Smith Policy Center, University of Maine, Orono, and Chair of the TRB Committee on Transportation Energy. Noland is Professor, E. J. Bloustein School of Planning and Public Policy, Rutgers, The State University of New Jersey, New Brunswick, and Cochair, TRB Special Task Force on Climate Change and Energy.

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## NEW TOOLKIT AVAILABLE TO ADVANCE ROAD SAFETY AUDITS (RSA) ON TRIBAL AND FEDERAL LANDS

### ANNOUNCEMENT

**Road Safety Audit  
Train-the-Trainer Session  
May 25-26, 2011  
Harrah's Rincon  
Valley Center, CA**

Registration for this and the Summit are now posted at [www.nijc.org/ttap\\_trans\\_safety.html](http://www.nijc.org/ttap_trans_safety.html)

The Federal Highway Administration (FHWA) defines an RSA as a "formal safety performance evaluation of an existing or future road or intersection by an independent, multidisciplinary team." RSAs have proven to be a leading tool for improving safety on and along roadways. As such, the use of RSAs has grown tremendously throughout the United States. A decade ago, few States had experience conducting RSAs; now each State has had some experience with the RSA process. To promote the use of RSAs by tribal governments and Federal Land Management Agencies (FLMAs), FHWA has provided training and technical assistance and has led RSAs for tribal govern-

ments and FLMAs, including the U.S. Forest Service, National Park Service, U.S. Fish and Wildlife Service, and Bureau of Land Management.

The implementation of RSAs for tribal governments and FLMAs showed that these partners often face unique conditions, staffing, and funding constraints that do not allow needed resources to be devoted to improving roadway safety. In order to advance implementation of RSAs on tribal and Federal lands, the FHWA Office of Federal Lands and FHWA Office of Safety partnered to develop the RSA Toolkit for Tribal Governments and FLMAs.

The toolkit is intended to assist tribal governments and FLMAs to use RSAs to address their safety issues. It provides information about identifying an RSA champion, building supportive partnerships, identifying available funding sources for an RSA program and improvements, outlining tools to conduct RSAs, and identifying resources to examine safety issues and select countermeasures.

The toolkit provides worksheets and other sample materials to facilitate parts of the RSA process - requesting assistance, scheduling an RSA, analyzing safety data, conducting field reviews, and documenting issues and suggestions. The toolkit also includes examples of programs and of similar agencies' experiences to highlight successes and struggles in implementing RSAs and improving safety for all road users. According to John Baxter, Associate Administrator for the FHWA Office of Federal Lands Highway, "Our case studies have shown that RSAs are an effective tool for improving safety on our Federal and tribal lands. The RSA toolkit will help Federal agencies and tribes institutionalize their use. We are looking forward to hearing some of the success stories that are likely to come out of this effort."

RSAs are a widely accepted tool for improving safety. They are:

- Accepted by the FHWA Resource Center as a Market Ready Technology.
- Included in Highways for Life as a Vanguard Technology.
- Selected by the American Association of State and Highway Transportation Officials (AASHTO) Technology Implementation Group as a "technology" to promote to member states.
- Identified as one of the nine safety "Proven Countermeasures" by the FHWA office of Safety.



The new toolkit is available now and can be downloaded from the Office of Safety website: <http://safety.fhwa.dot.gov/rsa/resources/toolkitflh/>





## TRIBAL ROAD FATALITIES SOAR WHILE FUNDING LAGS

Road fatalities in Indian Country are three times the national average because road projects in these areas are inadequately funded, tribal leaders told federal officials earlier this fall.

In a field hearing of the Senate Indian Affairs Committee in Polson, Montana, committee representative Sen. Jon Tester, D-Mont <[http://www.whorungov.com/Profiles/Jon\\_Tester](http://www.whorungov.com/Profiles/Jon_Tester)> heard from government officials and tribal representatives from as far as California and Arizona who said more money was needed for reservation roads and the system needed to be better administered.

Some 73 percent of the 28,000 miles of roadways under the Bureau of Indian Affairs are unpaved and considered inadequate, Assistant Secretary of Indian Affairs Larry Echo Hawk said. While road fatalities across the nation are going down, such deaths in Indian Country are skyrocketing. The annual fatality rate on Indian roads is three times the national average, said John Baxter of the Federal Highway Administration.

“Why have fatalities increased? Because the funding is not coming,” said Timothy Rossette, environmental health chief of the Chippewa-Cree Tribe of Montana. The \$450 million annual Indian Reservation Roads Program covers 126,000 miles of roads, including the 28,000 miles covered by the BIA.

Several tribal representatives told Tester, that the formula to split the funding between the tribes is too complicated and the criteria in which roadways can be included varies widely from region to region. They said that because the funding formula includes vehicle miles traveled, tribes in urban areas often include interstates and other relatively heavily traveled roadways in the inventories they submit as a way to get more money. As a result, rural tribes often get a tiny piece of the pie for reservations that often have much worse infrastructure problems than their urban counterparts, tribal members representing those areas. All it would take is an administrative fix, not an act of Congress. “It comes down to what’s right and what’s wrong, and what’s going on is wrong,” Rossette said.

But there is disagreement between the tribes on how to fix it. Tribal representatives from Montana, Wyoming and the Dakotas implored the federal government to simplify the funding formula. John Smith, transportation director of Wyoming’s Eastern Shoshone and Northern Arapaho Tribes, said the funding allocation should be based on population and miles of road instead of vehicle miles traveled. Other tribes say they have been unjustly vilified. Jacque Hostler, a transportation official representing the North Coast Tribal Chairmen’s Association and 110 tribes in California, said tribes in her state have been mischaracterized. “California should not be judged as building roads to Disneyland,” she said. “While there are a handful of urban tribes with large casinos located on or near interstates, there are thousands of tribal dirt and gravel and unimproved roads that provide access to tribal reservations, villages and communities.”

Lyle Deere, Vice President of the Intertribal Transportation Association (ITA) and Transportation Planner for the Osage Nation Roads Department said, “It seems there is a reservation position to return the IRR program to what it was intended, reservation only. My contention is the IRR program has evolved to include all of Indian Country, not just a portion.”

### **Future of Q10 ~**

Echo Hawk said federal officials have held 10 listening sessions in different parts of the country on what should be done with the funding formula, but there has not been consensus. The BIA and the Federal Highway Administration have proposed changing how roadways are classified in the funding formula, but more work has to be done for that proposal to gain acceptance, officials said.

Mike Black, Director, Bureau of Indian Affairs and Leroy Gishi, Chief, Division of Transportation, Bureau of Indian Affairs were both in attendance at the National Tribal Transportation Conference in Albuquerque, NM. Both noted that the comments from the Q10 consultation meetings are in the review process. Gishi also explained that 2011 would be a transition year for Q10, with final impacts not being realized until FY 2012.

### **Extension of SAFETEA-LU ~**

Meanwhile, the U.S. House of Representatives recently voted to extend federal highway and transit funding in the form of a continuing resolution for another nine months, running from January 1, 2011-September 30, 2011. The measure was part of a \$1.2 trillion federal spending bill, which will now head to the Senate for approval. This continuing resolution is the latest in a series, which have been enacted to keep transportation spending afloat since SAFETEA-LU (Safe, Accountable, Flexible, Efficient Transportation Equity Act) expired on September 30, 2009.

*(Continued on page 32)*

# LET'S MOVE IN INDIAN COUNTRY

In the recently-published report to President Barack Obama on “Solving the Problem of Childhood Obesity within a Generation,” the susceptibility of Native American/Alaskan Native children to childhood obesity and related diseases, such as juvenile diabetes, is given special attention. A study of four year-olds found that obesity is more than two times more common among Native American/Alaskan Native children (31%) than among white (16%) or Asian (13%) children. This rate is higher than any other racial or ethnic group studied. In 2002, more than 100,000 Native American and Alaskan Native adults, or nearly 15 percent of those receiving care from the Indian Health Service (IHS) were estimated to have diabetes.

Indian country comes in various forms, from rural reservation communities to urban dwellers and remote Alaskan villages to Oklahoma’s Tribal areas. Elected Tribal leaders and other community leaders such as school officials have the ability to spur action in the areas of health, wellness, nutrition and physical activity. Throughout our country’s history, Native communities have provided some of the best examples of healthy food and sustainable community-based practices and many groups in Indian country are continuing to lead by example by following traditional paths that have existed long before the country was born.

Given the magnitude of the crisis, an interagency collaboration between the First Lady’s *Let’s Move!* Initiative, the Departments of the Interior (AS-IA, Bureau of Indian Affairs, and Bureau of Indian Education), Agriculture, and Health and Human Services (IHS) to reduce disproportionately high obesity rates and improve the health of Native youth has been formed. Through concrete policy changes called for in the President’s Childhood Obesity Task Force Report targeted actions will be taken to improve access to healthier foods and increase physical activity in BIE and public schools as well as addressing prenatal and very early childhood care in the IHS hospital system.

## **Our goals for Let’s Move Indian Country are as follows:**

- *Creating a Healthy Start on Life*  
*Certify All Federally-Run HIS Obstetrics Facilities as Baby Friendly Hospitals by 2012.*
- *Creating Healthier Schools*  
*Increase the number of schools serving high populations of Native youth that meet the Healthier US School Challenge criteria by 2012.*  
*Increase the number of targeted schools and afterschool programs accessing Child Nutrition Programs.*  
*Support school transformation efforts at 5 pilot schools in the Bureau of Indian Education.*
- *Increasing Access to Healthy, Affordable Food*  
*Develop school/community gardens throughout Indian Country utilizing USDA programs or Technical Assistance.*
- *Increasing Physical Activity*  
*Engage 50,000 people in Indian Country in the President’s Active Lifestyle Award (PALA) program by 2012.*
- *Creating Healthy, Comprehensive Food Systems Policies*  
*Certify All Federally-Run HIS Obstetrics Facilities as Baby Friendly Hospitals by 2012.*

Government alone will not be able to solve this problem, we need your help, expertise, and commitment on the ground. This movement looks to recognize the already existing efforts in Indian country and then identify areas where public/private sector partnerships can support. Let’s Move in Indian Country recognizes the inherent sovereignty of each of these communities and wishes to work with each individual community to reduce childhood obesity and health related illnesses. Here are some existing programs and resources that individuals and communities can access to begin or enhance their work toward the goal of ending childhood obesity within a generation.

The LMIC initiative is led by Dr. Susan Karol, Chief Medical Officer for the Indian Health Service, who can be reached at [susan.karol@ihs.gov](mailto:susan.karol@ihs.gov) or (301) 443-1083.





# RECENT TRANSPORTATION LEGISLATION

This information is provided expressly for educational purposes. The CA/NV TTAP hopes to inform and educate tribal communities about legislation that may impact California and Nevada tribal communities and their tribal transportation programs. The following legislation was current at the time of publication. Legislation may change or be repealed. For further information, please check the status of the legislation at the respective website sources noted below.

Due to the overwhelming number of pending transportation related bills in the California, Nevada, and Federal Legislatures we have created a downloadable file on the NIJC Website that lists each bill, the sponsor, the status, and a brief summary.

To view and download the file go to: [http://www.nijc.org/ttap\\_legislation.html](http://www.nijc.org/ttap_legislation.html)

## STATE LEGISLATION



## CALIFORNIA LEGISLATION

(For more information, go to <http://www.leginfo.ca.gov/bilinfo.html>)

**State Implementation of the American Recovery and Reinvestment Act of 2009, Economic Recovery Pothole**

Go to:  
<http://www.recovery.ca.gov/>

**21 Bills Pending  
12 Bills Tribal Specific**

## NEVADA LEGISLATION



(For more information, go to <http://www.leg.state.nv.us/bills/bills.cfm>)

**State Implementation of the American Recovery and Reinvestment Act of 2009**

Nevada's Federal Stimulus Funds Website Go to:  
<http://www.leg.state.nv.us/75th2009/federalstimulus/>

**7 Bills Pending  
0 Bills Tribal Specific**



## FEDERAL LEGISLATION

(For more information go to: <http://Thomas.loc.gov>)

**22 Bills Pending  
8 Bills Tribal Specific**

**Presidents Signature Extends Highway and Transit Programs for 7 Months**  
From the AASHTO Journal

President Barack Obama signed into law a measure that extends until Sept. 30 federal highway and transit programs that had been slated to expire tonight. The seven-month extension averts a suspension of reimbursements from the U.S. Department of Transportation to the states for their ongoing surface transportation improvement projects, as occurred last March when a similar extension was delayed, and allows states to continue to commit projects just in time for the construction season to begin in earnest.

The new law extends until the end of this federal fiscal year the 2005 highway and transit authorization law -- the Safe, Accountable, Flexible, Efficient, Transportation Equity Act: A Legacy for Users, commonly known as "SAFETEA-LU." Expenditure authority for the Highway Trust Fund would also continue through Sept. 30. This is the seventh short-term extension of SAFETEA-LU, which expired Sept. 30, 2009.

A video of Secretary LaHood's remarks is available at [bit.ly/LaHoodAASHTO0302](http://bit.ly/LaHoodAASHTO0302).

LaHood also posted a [blog entry](#) Wednesday on his remarks at the Washington Briefing.

A video of House Transportation and Infrastructure Committee Chairman John Mica, R-Florida remarks is available at [bit.ly/MicaAASHTO0302](http://bit.ly/MicaAASHTO0302)

# TRANSPORTATION EVENTS CALENDAR

Please visit the **National Indian Justice Center** web site to view more upcoming transportation events. Go to: [www.nijc.org/ttap\\_events.html](http://www.nijc.org/ttap_events.html)



## APRIL 2011

April 4-9  
**NATIONAL WORKZONE AWARENESS WEEK**

April 10-13  
**2011 APWA North American Snow & Pacific Northwest Snowfighters Conference**  
Spokane Convention Center  
Spokane, WA  
For more information go to:  
<http://sites.apwa.net/snow/2011/Home/home.aspx>

April 13-15  
**Tribal Transportation 101 Tribal Court Management**  
Riviera Hotel & Casino  
Las Vegas, NV  
For more information go to:  
<http://www.nijc.org/training.html>

April 16  
**GIS Mapping**  
National Indian Justice Center  
Santa Rosa, CA  
For more information go to:  
[www.nijc.org/ttap\\_events.html](http://www.nijc.org/ttap_events.html)

April 17-21  
**National Association of County Engineers (NACE) 2011 Annual Conference**  
Hilton Minneapolis Hotel  
Minneapolis, MN  
For more information go to:  
<http://www.countyengineers.org/events/annualconf/Pages/default.aspx>

April 18-21  
**18th Annual Northwest Tribal Transportation Symposium**  
Northern Quest Resort & Casino  
Spokane, WA  
For more information go to:  
<http://www.ewu.edu/NWTTAP/Events-Calendar.xml>

## MAY 2011

May 15-21  
**NATIONAL PUBLIC WORKS WEEK**

May 23-24  
**California Tribal Transportation Safety Summit**  
Harrah's Rincon Hotel and Casino,  
Valley Center, CA  
For more information go to:  
[http://www.nijc.org/ttap\\_trans\\_safety.html](http://www.nijc.org/ttap_trans_safety.html)

May 25-26  
**Road Safety Audit (RSA) Train The Trainer Session**  
Harrah's Rincon Hotel and Casino,  
Valley Center, CA  
For more information go to:  
[http://www.nijc.org/ttap\\_trans\\_safety.html](http://www.nijc.org/ttap_trans_safety.html)

## JUNE 2011

June 5-8  
**International Bridge Conference**  
Lawrence Convention Center  
Pittsburgh, PA  
For more information go to:  
<http://www.internationalbridgeconference.org/>

June 5-10  
**Community Transportation Association (CTTA) Expo**  
Indiana Convention Center  
Indianapolis, IN  
For more information go to:  
<http://web1.ctaa.org/webmodules/webarticles/annviewer.asp?a=2217&z=100>

June 27-29  
**2011 APWA Sustainability in Public Works Conference**

Hilton Portland & Executive Tower.  
Portland, OR  
For more information go to:  
<http://sites.apwa.net/sustainability/2011/Home/AttendeesHome.aspx>

## JULY 2011

July 7-8  
**earthmine Partner Conference**,  
Doubletree Hotel & Executive Meeting Center  
Berkeley, CA  
For more information go to:  
<http://www.earthmine.com/conference/index.html>.

July 10-13  
**TRB Joint Summer Meeting**  
Future Directions for the Federal Transportation Programs  
Boston, MA  
For more information go to:  
[http://www.trb.org/Calendar/Blurbs/2011\\_TRB\\_Joint\\_Summer\\_Meeting\\_164066.aspx](http://www.trb.org/Calendar/Blurbs/2011_TRB_Joint_Summer_Meeting_164066.aspx)

July 11-13  
**2011 National Summit for Rural Traffic Safety Culture**  
Western Transportation Institute  
Big Sky, MT  
For more information go to:  
<http://www.ruraltscsummit.org/>

July 24-27  
**TRB 10th International Conference on Low-Volume Roads**  
Hilton Walt Disney World  
Lake Buena Vista, FL  
For more information go to:  
<http://www.trb.org/LowVolumeRoadsConference/LVR10.aspx>

## AUGUST 2011

August 1-4  
**National LTAP/TTAP Annual Conference**  
Park Plaza Hotel  
Boston, MA  
For more information go to:  
<http://www.facebook.com/event.php?eid=160716183965138>

# TRIBAL TRANSPORTATION PARTNERS DIRECTORY

## FEDERAL



### **Federal Highway Administration**

United States Department of Transportation  
1200 New Jersey Ave, SE  
Washington, DC 20590

<http://www.fhwa.dot.gov/index.html>

Federal Highway Administration (FHWA) is charged with the broad responsibility of ensuring that America's roads and highways continue to be the safest and most technologically up-to-date. Although State, local, and tribal governments own most of the Nation's highways, FHWA provides financial and technical support to them for constructing, improving, and preserving America's highway system.

### **Central Federal Lands Highway Division**

Federal Highway Administration  
12300 West Dakota Ave.  
Lakewood, CO 80228  
(720) 963-3500

<http://www.cflhd.gov/index.cfm>

The Central Federal Lands Highway Division (CFLHD) operates as part of the Federal Lands Highway Program, serving the needs of all central states. CFLHD actively administers the surveying, designing and constructing of forest highway system roads, parkways and park roads, Indian reservation roads, defense access roads, and other Federal lands roads. CFLHD also provides training, technology, deployment, engineering services, and products to other customers.



### **Office of Federal Lands Highway**

Federal Highway Administration  
1200 New Jersey Avenue, SE  
Washington, DC 20590  
(202) 366-9494

<http://www.fhwa.dot.gov/flh/index.htm>

The Office of Federal Lands Highway (FLH) provides program stewardship and transportation engineering services for planning, design, construction, and rehabilitation of the highways and bridges that provide access to and through federally owned lands.

The primary purpose of the FLHP is to provide financial resources and technical assistance for a coordinated program of public roads that service the transportation needs of Federal and Indian lands.



### **Federal Transit Administration**

1200 New Jersey Avenue, SE  
4<sup>th</sup> & 5<sup>th</sup> Floors East Building  
Washington, DC 20590

<http://www.fta.dot.gov/>

### **FTA Region 9 Offices**

Federal Transit Administration  
201 Mission Street Suite 1650  
San Francisco, CA 94105  
(415) 744-3133

[http://www.fta.dot.gov/regions/regional\\_offices\\_909.html](http://www.fta.dot.gov/regions/regional_offices_909.html)

Federal Transit Administration (FTA) is one of 10 modal administrations within the U.S. Department of Transportation. Headed by an Administrator who is appointed by the President of the United States, FTA administers federal funding to support a variety of locally planned, constructed, and operated public transportation systems throughout the U.S., including buses, subways, light rail, commuter rail, streetcars, monorail, passenger ferry boats, inclined railways, and people movers.

### **Rural Transit Assistance Program (RTAP)**

The mission is to address the needs of rural, small urban and tribal transit operators across the nation.

Union Station Business Center  
Ten G Street NE, Suite 710  
Washington, DC 20002  
Main: 202-248-5043  
Fax: 202-289-6539

<http://www.nationalrtap.org/>



# TRIBAL TRANSPORTATION PARTNERS DIRECTORY

**National Local Technical Assistance Program Association (NLTAPA)** is a not-for-profit organization representing and serving the 58 LTAP and TTAP Member-Centers in the United States and Puerto Rico. All staff of Member-Centers are entitled to Association services and opportunities to Serve. [www.nltapa.org](http://www.nltapa.org)

## **Bureau Of Indian Affairs**

There are millions of acres of land held in trust by the United States for American Indians, Indian tribes, and Alaska Natives. There are 561 federal recognized tribal governments in the United States. Developing forestlands, leasing assets on these lands, directing agricultural programs, protecting water and land rights, developing and maintaining infrastructure and economic development are all part of the agency's responsibility. In addition, the Bureau of Indian Affairs provides education services to approximately 48,000 Indian students.

## **Bureau of Indian Affairs**

1849 C Street, N.W.  
Washington DC 20240  
(202) 208-7163  
[www.bia.gov](http://www.bia.gov)



## **Pacific Regional Office**

Bureau of Indian Affairs  
2800 Cottage Way  
Sacramento, CA 95825  
(916) 978-6000

## **Western Regional Office**

Bureau of Indian Affairs  
400 N. 5th Street, 2 AZ Center, 12th Floor  
Phoenix, AZ 85004  
(602) 379-6600

## **CALIFORNIA**



The Native American Liaison Branch was created in 1999 in the Department of Transportation to serve as a liaison between the Department, federal, state, local, and regional transportation agencies to establish and maintain government to government working relationships with Tribal Governments throughout California.

## **California Department of Transportation**

Division of Transportation Planning, Native American Liaison Branch  
1120 N Street  
Sacramento, CA 95814  
(916) 653-3175  
<http://www.dot.ca.gov/hq/tpp/offices/orip/na/index.html>

## **California Local Technical Assistance Program (LTAP)**

California Technology Transfer Program  
University of California Berkley  
RFS 1301 S 46<sup>th</sup> St., Bldg 155  
Richmond, CA 94804  
(510) 665-3608  
<http://www.techtransfer.berkeley.edu/>

## **NEVADA**



## **Nevada Department of Transportation**

1263 South Stewart Street  
Carson City, NV 89712  
(775) 888-1433  
<http://www.nevadadot.com>

The Nevada Department of Transportation is responsible for the planning, construction, operation and maintenance of the 5,400 miles of highway and over 1,000 bridges which make up the state highway system.

## **Nevada Local Technical Assistance Program (LTAP)**

Nevada Transportation Technology Transfer Center  
Nevada T2 Center/257  
University of Nevada  
Reno, NV 89557  
(775) 784-1433  
<http://www.t2.unr.edu/>

# TRIBAL TRANSPORTATION RESOURCES

## CALIFORNIA

**California Department of Transportation (Caltrans) Native American Liaison Branch**

<http://www.dot.ca.gov/hq/tpp/offices/orip/na/index.html>

**California Department of Transportation:**

Division of Mass Transportation

<http://www.dot.ca.gov/hq/MassTrans/>

**California Department of Transportation**

Caltrans Economic Recovery Website

<http://www.dot.ca.gov/Recovery/>

**California Bay Delta Authority**

<http://www.calwater.ca.gov/calfed/Tribal.html>

**California Environmental Protection Agency**

<http://www.calepa.ca.gov/>

## NEVADA

**Nevada Department of Transportation (NDOT)**

Local Governmental Liaison

<http://www.nevadadot.com/>

**Nevada Department of Transportation**

NDOT Information Related to the American Recovery and Reinvestment Act

<http://www.nevadadot.com/projects/Stimulus/default.asp>

**Southern Nevada Regional Transportation Commission**

<http://www.rtesouthernnevada.com/>

## FEDERAL

**US DOT Federal Highway Administration (FHWA)**

<http://www.fhwa.dot.gov/>

**US DOT Federal Transit Administration (FTA)**

<http://www.fta.dot.gov/>

**FTA Region 9 Offices**

[http://www.fta.dot.gov/regions/regional\\_offices\\_909.html](http://www.fta.dot.gov/regions/regional_offices_909.html)

**Office of Federal Lands Highway**

<http://www.fhwa.dot.gov/flh/index.htm>

**Central Federal Lands Highway Division**

<http://www.cflhd.gov/>

**Bureau of Indian Affairs**

<http://www.bia.gov/>

**US DOT/FHWA Federal Lands Highway**

Coordinated Technology Implementation Program

The Federal Lands Highway Coordinated Technology Implementation Program is a cooperative technology deployment and sharing program between the FHWA Federal Lands Highway office and the Federal land management agencies. It provides a forum for identifying, studying, documenting, and transferring new technology to the transportation community.

For more information go to:

<http://www.ctiponline.org/>

**National Transportation Library (NTL)**

Follow link: VDOT One Search

<http://ntl.bts.gov/exit/vdot.html>

## ENVIRONMENTAL

**US Environmental Protection Agency Region 9**

<http://www.epa.gov/region09/tribal/index.html>

**US EPA American Indian Environmental Office**

<http://www.epa.gov/indian/>

**US DOI National Park Service American Indian Liaison Office**

<http://www.nps.gov/aiilo/>

**US DOT FHWA Roadside Vegetation Management**

A technical resource for the care of the land and vegetation management.

<http://www.fhwa.dot.gov/environment/vegmgt/index.htm>

**US DOT FHWA Livability Initiative**

This webpage is intended to provide information on the FHWA Livability Initiative as well as provide updates on the HUD/DOT/EPA Partnership for Sustainable Communities.

To view this website go to:

<http://www.fhwa.dot.gov/livability/index.cfm>

## ORGANIZATIONS

**California Indian Basketweavers Association**

<http://www.ciba.org/>

**California Indian Manpower Consortium, Inc.**

<http://www.cimcinc.org/>

**California Indian Museum & Culture Center**

<http://www.cimcc.org/>

**National Indian Justice Center**

<http://www.nijc.org/>

**Center for Excellence in Rural Safety**

Launched a new interactive Web tool called Safe Road

# TRIBAL TRANSPORTATION RESOURCES

## RESOURCES (Continued)

Maps. It was developed by CERS researcher Tom Horan and his team at Claremont University. Visit the CERS home page for links to the releases and to Safe Road Maps: [www.ruralsafety.umn.edu](http://www.ruralsafety.umn.edu).

### **Office of Indian Energy and Economic Development**

Tribal Energy and Environmental Information Clearinghouse (TEEIC)

The site includes information about energy resource development and associated environmental impacts and mitigation measures; guidance for conducting site-specific environmental assessments and developing monitoring programs; information about applicable federal laws and regulations; and federal and tribal points of contact.

<http://teeic.anl.gov/>

### **TribalGIS.com**

Is a newly established technical forum for (and by) Tribal GIS Professionals across the country.

For more information go to:

[www.tribalgis.com](http://www.tribalgis.com)

### **LTAPP/TTAP Interchange**

An Audio Newsletter

Aims to share news between centers and the LTAPP/TTAP community.

To listen go to the news section at:

<http://ltapt2.org>

### **California Tribal Transportation Coalition (CTTC)**

Formed to ensure that California tribes are not left out of the next Federal Transportation Authorization bill.

For more information go to:

<http://www.californiatribes.org/>

### **Community Transportation Association of America**

Technical Assistance for Rural and Tribal Communities

For more information go to:

<http://web1.ctaa.org/webmodules/webarticles/anmviewer.asp?a=49&z=36>

### **National Association of County Engineers**

To visit the website go to:

<http://www.countyengineers.org/>

### **Northern California APWA Chapter**

To visit the web site go to:

<http://northernca.apwa.net/>

### **Nevada LTAP**

To visit the website go to:

<http://www.t2.unr.edu/>

## ENVIRONMENT AND CLIMATE CHANGE

### **General Climate Change Information**

Arnold & Porter Climate Change Litigation Summary Chart

<http://www.climatecasechart.com/>

### **US EPA**

State and Local Government Climate Change Actions

<http://www.epa.gov/statelocalclimate/local/local-examples/action-plans.html>

### **National Highway Traffic Safety Administration (NHTSA)**

Final Environmental Impact Statement Corporate Average Fuel Economy Standards, Passenger cars and Light Trucks, Model Years 2011-2015.

To view the document go to

<http://www.regulations.gov/search/Regs/home.html#documentDetail?R=0900006480744272>

### **Columbia River Crossing**

<http://www.columbiarivercrossing.org/Default.aspx>

### **Intercounty Connector**

<http://www.iccproject.com/>

### **FHWA—Travel Modeling**

Using GIS in Planning and Environment Linkages (PEL) go to:

<http://gis.fhwa.dot.gov>

### **2009 California Climate Adaptation Strategy Discussion Draft**

A first-of-its-kind multi-sector strategy to help guide California's efforts in adapting to climate change impacts is now available for public comment.

For more information and to view the draft go to:

<http://www.climatechange.ca.gov/adaptation/index.html>

### **Multicultural Environmental Leadership Development Initiative (MELDI)**

University of Michigan

Staff conduct research on environmental workforce dynamics and provides resources to help enhance the leadership and career development opportunities available to students, activists and environmental professionals.

For more information go to:

<http://meldi.snre.umich.edu/>

### **California Research Bureau**

Environment, Growth Management, and Transportation Supplement

For more information and links go to:

<http://www.library.ca.gov/sitn/crb/docs/20090504.pdf>

### **AASHTO—Center for Environmental Excellence**



# TRIBAL TRANSPORTATION RESOURCES

The new web page offers background and an overview of GIS technology and its importance for environmental applications in transportation.

For more information go to:

[http://environment.transportation.org/environmental\\_issues/gis/](http://environment.transportation.org/environmental_issues/gis/)

## **FHWA-Central Federal Lands Highway Division**

Promoting Geosynthetics Use on Federal Lands Highway Projects

To view the study go to:

<http://www.cflhd.gov/programs/techDevelopment/geotech/promogeoflhp/>

## **SAFETY RESOURCES**

### **Tribal Road Safety Audits: CASE STUDIES**

Sponsored by FHWA (Office of Safety and Office of Federal Lands)

Road Safety Audits (RSAs) are an effective tool for pro-actively improving the future safety performance of a road project during the planning and design sates, and for identifying safety issues in existing transportation facilities.

For additional information and resources on RSA's go to:

<http://safety.fhwa.dot.gov/rsa/>

### **Arizona Department of Transportation**

By Esther Corbett & Robert Mickelson at the Intertribal Council of Arizona, Inc.

592 Building Tribal Traffic Safety Capacity

[http://www.azdot.gov/TPD/atrc/Publications/project\\_reports/PDF/AZ592.pdf](http://www.azdot.gov/TPD/atrc/Publications/project_reports/PDF/AZ592.pdf)

And,

592 Tribal Traffic Safety Funding Guide

[http://www.azdot.gov/TPD/atrc/Publications/project\\_reports/PDF/AZ592s.pdf](http://www.azdot.gov/TPD/atrc/Publications/project_reports/PDF/AZ592s.pdf)

### **Insurance Institute Highway Loss**

Fatality Analysis Reporting System (FARS)

From the US DOT.

[http://www.iihs.org/research/fatality\\_facts\\_2008/default.html](http://www.iihs.org/research/fatality_facts_2008/default.html)

### **National Institute for Occupational Safety and Health (NIOSH)**

Construction Equipment Visibility

<http://www.cdc.gov/niosh/topics/highwayworkzones/BAD/default.html>.

### **Vista Training Programs**

Backhoe-Loader Instructor Kit

[http://www.vista-start-smart.com/html/backhoe-loader\\_instructor\\_kit.html](http://www.vista-start-smart.com/html/backhoe-loader_instructor_kit.html)

### **Interactive Highway Safety Design Model**

#### **NEW 2010 Release**

Analysis tools for evaluating safety and operational effects of geometric designs on two-lane rural roads. The software and associated documents are available for free downloading at:

<http://www.ihsdm.org>

### **Work Zone Law Enforcement**

Safe and Effective Use of Law Enforcement in Work Zones

For more information go to

[http://safety.fhwa.dot.gov/wz/law\\_enforce/](http://safety.fhwa.dot.gov/wz/law_enforce/)

### **U.S. Department of Transportation**

Rural Safety Initiative

Rural roads carry less than half of America's traffic yet they account for over half of the nation's vehicular deaths. It is time to put a national focus on a local problem.

For more information on the Characteristics of Rural Crashes go to:

<http://www.dot.gov/affairs/ruralsafety/ruralsafetyinitiativeplan.htm>

### **FHWA Office of Safety**

FHWA safety officials, transportation officials and safety experts strongly recommend better use of nine tools that are keys to reducing roadway fatalities each year.

For more information go to:

<http://safety.fhwa.dot.gov/policy/memo071008/>

Safety Circuit Rider Programs-Best Practices Guide

This guide is intended to provide state DOT and LTAP/TTAP centers with an easy -to- use resources for implementing or enhancing a Safety Circuit Rider (SCR) program.

Available on-line at:

[http://safety.fhwa.dot.gov/local\\_rural/training/fhwasa09019/](http://safety.fhwa.dot.gov/local_rural/training/fhwasa09019/)

Basic Course Slides on Retro-reflectivity, go to:

[http://safety.fhwa.dot.gov/roadway\\_dept/night\\_visib/retrotoolkit/moreinfo/intro/](http://safety.fhwa.dot.gov/roadway_dept/night_visib/retrotoolkit/moreinfo/intro/)

Nighttime Visibility Policy/Guidance

[http://safety.fhwa.dot.gov/roadway\\_dept/night\\_visib/policy\\_guide/](http://safety.fhwa.dot.gov/roadway_dept/night_visib/policy_guide/)

Sign Visibility: Training, Technical Guidance, & Research go to:

[http://safety.fhwa.dot.gov/roadway\\_dept/night\\_visib/sign\\_visib/](http://safety.fhwa.dot.gov/roadway_dept/night_visib/sign_visib/)

Maintenance of Drainage Features for Safety

A guide for local street and highway maintenance personnel

To view the guide go to:

[http://safety.fhwa.dot.gov/local\\_rural/training/fhwasa09024/](http://safety.fhwa.dot.gov/local_rural/training/fhwasa09024/)

Intersection Safety Resources

# TRIBAL TRANSPORTATION RESOURCES

## SAFETY RESOURCES (Continued)

To visit the web page go to:

<http://safety.fhwa.dot.gov/intersection/resources/>

### Intersection Safety Presentations

30 and 60 minute presentations on the topic of safety at intersections. The presentation is intended to relay safety issues at intersections (including the typical types of crashes) along with some techniques to address these issues.

To view the presentations go to:

<http://safety.fhwa.dot.gov/intersection/resources/intsafpst092609/>

### Work Zone Mobility and Safety Program

#### Work Zone Training Compendium

The U.S. Federal Highway Administration has released a compendium of information on available work zone training and guides.

To view the training program go to:

[http://www.ops.fhwa.dot.gov/wz/outreach/wz\\_training/index.htm](http://www.ops.fhwa.dot.gov/wz/outreach/wz_training/index.htm)

### Roundabouts

Roundabouts are circular intersections. Roundabouts reduce traffic conflicts (for example, left turns) that are frequent causes of crashes at traditional intersections. Unlike a traffic circle or a rotary, a roundabout's incoming traffic yields to the circulating traffic

For more information visit the website at:

<http://safety.fhwa.dot.gov/intersection/roundabouts/>

### Roadway Worker Safety Website

The U.S. Federal Highway Administration's Office of Operations has launched a new page on its Work Zone Safety website designed to be a central source of data and links to information and technical resources on roadway worker safety.

To visit the website go to:

<http://www.ops.fhwa.dot.gov/wz/workersafety/index.htm>

Training, Tools, Guidance and Countermeasures for Locals  
Local and Rural team is continuously looking for new ways to meet the needs of local and rural road owners and operators. Insuring that tools meet the needs of the users and that they have the resources and training they need to effectively use the tools is a critical part of the solution.

To visit the web site go to:

[http://safety.fhwa.dot.gov/local\\_rural/training/](http://safety.fhwa.dot.gov/local_rural/training/)

### Local & Rural Road (LRR) Safety Peer-to-Peer (P2P) Program

Open to public highway agencies seeking to adequately address safety problems on their local and rural road network. To visit the website go to:

[http://safety.fhwa.dot.gov/local\\_rural/training/p2p/](http://safety.fhwa.dot.gov/local_rural/training/p2p/)

### Cornell Local Roads Program

#### Work Zone Safety and Flagger Tutorial

The purpose of this tutorial is to provide the fundamentals of work zone safety and to explain the concepts of flagging in a work zone. It is not intended to replace comprehensive instruction of the topic.

To view the tutorial go to:

<http://www.clrp.cornell.edu/flaggingtutorial/flagtutorial.htm>

### The National Work Zone Safety Information Clearinghouse

The National Work Zone Safety Information Clearinghouse is dedicated to providing the transportation construction industry and the general public with comprehensive information to improve motorist, worker and pedestrian safety in roadway work zones.

Now a new international section in six languages.

For more information go to:

<http://www.workzonesafety.org/>

### AAA Foundation

#### 2009 Traffic Safety Culture Index

Investigates the public's traffic safety knowledge, attitudes, behaviors, and experiences.

To view the index go to:

<http://www.aaafoundation.org/pdf/2009TSCIndexFS.pdf>

### MinimumReflectivity.org

#### Guidance for Improving Roadway Safety:

Understanding Minimum Reflectivity Standards go to:

<http://minimumreflectivity.org/index.asp>

### National Highway Traffic Safety Association (NHTSA)

State traffic safety information for the year 2008

To access the data for each state go to:

<http://www-nrd.nhtsa.dot.gov/departments/nrd-30/nca/STSI/USA%20WEB%20REPORT.HTM>

### Federal Transit Administration

#### Transit Bus Safety

Online resources and tools, designed to help rural and small urban transit bus providers develop and strengthen their programs.

To access the website go to:

<http://bussafety.fta.dot.gov/splash.php>

### Utah DOT and the Utah Highway Safety Office

#### Zero Fatalities

To visit the web site go to:

<http://ut.zerofatalities.com/>

### The National Work Zone Safety Information Clearinghouse

# TRIBAL TRANSPORTATION RESOURCES

Traffic Management & Work Zone Safety Power Workshop at International Bridge Conference

The workshop was packed with timely information related to night work, federal regulations, worker protection and the latest strategies in temporary traffic control.

To view the workshop go to:

[http://www.workzonesafety.org/news\\_events/wz\\_conferences/power\\_workshop2010\\_PA](http://www.workzonesafety.org/news_events/wz_conferences/power_workshop2010_PA)

## **Crash Modifications Clearinghouse (CFM)**

The CMF Clearinghouse is funded by the U.S. DOT-FHWA and maintained by the University of North Carolina Highway Safety Research Center. A CMF is an estimate of the change in crashes expected after implementation of a countermeasure.

To visit the website go to:

<http://www.cmfclearinghouse.org/>

## **Impact Teen Driver**

Impact Teen Drivers was organized for the purpose of providing awareness and education to teenagers, their parents, and community members about all facets of responsible driving, with the goal of reducing the number of injuries and deaths suffered by teen drivers as a result of distracted driving and poor decision making.

To view the website go to:

<http://www.impactteendrivers.org/>

## **Road Safety Foundation**

To visit the web site go to:

<http://www.roadwaysafety.org/about-us/>

## **Center For Disease Control (CDC)**

Native American Road Safety

To visit the web site go to:

<http://www.cdc.gov/Motorvehiclesafety/native/index.html>

## **Distraction.gov**

The official U.S. Government website for distracted driving.

To visit the website go to:

<http://www.distraction.gov/index.html>

## **Safety Edge Resources**

The Ohio LTAP Center is committed to providing our local roadway agencies the necessary information for implementing the Safety Edge on their paving projects across our state.

To visit the website go to:

<http://www.dot.state.oh.us/Divisions/Quality/LTAP/Pages/SafetyEdge.aspx>

## **Newly Revised Emergency Procedures for Rural Transit Drivers Training Module**

National RTAP

The *Emergency Procedures* module offers the most current training on preparedness for hazards and threats that transit operators may encounter. The free module contains a Learner's Guide, a Self-paced eLearning Course Disc, an Instructor's

Guide, a disc with videos and a trainer's PowerPoint presentation. Email [info@nationalrtap.org](mailto:info@nationalrtap.org) or call 888-589-6821 to order.

## **CONSULTATION**

### **TRB Committee on Native American Transportation Issues**

TRB has provided links to examples of federal, state and non-governmental organization online resources related to tribal consultation policies and guidelines.

To view the resources go to:

<http://sites.google.com/site/trbcommitteeabe80/WELCOME/links>

## **MORE TRANSPORTATION RESOURCES**

### **U.S. DOT**

ARRA Transportation Spending Map  
American Recovery and Reinvestment and Act is supporting 9,722 projects with \$30.1 billion of investment. To view the map go to:

<http://rithqnwws019.rita.dot.gov/dot/index.html>

### **FHWA-National Highway Specifications**

Clearinghouse and electronic library. Current specifications, construction manuals and drawings.

For more information go to:

[www.specs.fhwa.dot.gov](http://www.specs.fhwa.dot.gov)

### **The FHWA has established a web site with information about the Economic Recovery**

For more information go to:

<http://www.fhwa.dot.gov/economicrecovery/index.htm>

### **FHWA Implementation Guidance for the ARRA Act.**

To view these procedures go to:

[http://www.nijc.org/ttap\\_funding.html](http://www.nijc.org/ttap_funding.html)

### **FHWA Resource Center**

#### **Planning Team**

The Planning Technical Service Team at the Federal Highway Administration (FHWA) Resource Center helps support the planning process through the provision of training, technical assistance, technology deployment, and partnerships.

For more information go to:

<http://www.fhwa.dot.gov/resourcecenter/teams/planning/index.cfm>

### **Rural Technical Assistance Program (RTAP)**

National RTAP proudly serves tribal communities residing in rural areas. Tribes are encouraged to access all of the National RTAP best practices, reports, training videos, workbooks, surveys and direct one-on-one technical



# TRIBAL TRANSPORTATION RESOURCES

## MORE RESOURCES (Continued)

assistance through our resource center.

To visit the center go to:

<http://www.nationalrtap.org/Tribal.aspx>

### **Victoria Transportation Policy Institute**

Transportation Cost and Benefit Analysis

A guidebook for quantifying the full costs and benefits of different transportation modes. A comprehensive study of transportation benefit and costing research, and a guidebook for applying this information in planning and policy analysis.

To view the guide book go to:

<http://www.vtpi.org/tca/>

### **FHWA Federal-Aid Program Administration**

The guide is intended to provide basic information for FHWA and State personnel involved in the administration of the Federal-Aid Highway Program. It is not intended to be an eligibility guide, but contains basic descriptions and historical information on active and inactive programs.

This guide should be of interest to FHWA, State highway agencies, local governments, and private sector personnel interested in a basic understanding of Federal-Aid programs, projects, or other program characteristics. In addition to basic information, sources of additional information are provided.

For more information go to:

<http://www.fhwa.dot.gov/federalaid/>

### **Partnership for Mobility Management**

The Partnership for Mobility Management is a joint effort of technical assistance partners that work with local, state and regional leaders and organizations to realize the possibilities of improving transportation options for all Americans wherever they live and to assist those especially in need of alternative transportation options.

For more information visit the website at:

<http://web1.ctaa.org/webmodules/webarticles/anmviewer.asp?a=1790&z=95>

### **Research and Innovative Technology Administration (RITA): University Transportation Centers**

The Safe, Accountable, Flexible, Efficient Transportation Equity Act (SAFETEA-LU) enacted on August 10, 2005, authorized up to \$76.7 million per year from Federal FY2005-2009 funds for grants to establish and operate up to 60 University Transportation Centers (UTCs) throughout the United States.

To view the website and list of UTC's go to:

<http://utc.dot.gov/about/index.html>

### **Montana State University, Western Transportation Institute, (WTI)**

The country's largest National UTC focused on rural transportation issues. Because we live and work in rural communities, we understand the critical roles rural transportation plays in the lives of people, in the environment and in the economy.

To visit the website go to:

<http://www.westerntransportationinstitute.org/default.aspx>

### **ArcGIS Online—Map Services**

ArcGIS Online basemaps published and hosted by Esri are now freely available to all users regardless of commercial, noncommercial, internal, or external use. This means that you no longer have to pay a subscription fee for including ArcGIS Online basemaps in your commercial-use web applications.

Basemaps included in this new business model are World Imagery Map, World Street Map, World Topographic Map, USA Topographic Maps, and DeLorme World Basemap.

To visit the website go to:

<http://www.esri.com/software/arcgis/arcgisonline/standard-maps.html>

### **Go! Exploring the World of Transportation**

A dynamic online magazine for teens ages 13–19 on careers in transportation. Published by the Institute for Transportation, Iowa State University.

To visit the web site go to:

<http://go-explore-trans.org/go/gonew/>

## TRANSPORTATION PROGRAMS AND DEVELOPMENT



### **FHWA Resource Center**

The Mission to: advance transportation technologies and solutions through training, technical assistance, technology deployment, and partnerships.

For more information go to:

<http://www.fhwa.dot.gov/resourcecenter/>

The FHWA has developed an extensive list of resources that focus specifically on the latest culvert technology. To view this list go to: [http://njjc.org/datasheets/ttap/TTAP\\_ResourceList.asp](http://njjc.org/datasheets/ttap/TTAP_ResourceList.asp)

### **National Highway Institute (NHI) - 2010**

The NIH in partnership with the Transportation Curriculum-Development Council has developed a number of FREE web-based trainings that can be completed in one, two, or three hours. Whether you are working in the field, have limited time for training, or just want to expand your skill set on

# TRIBAL TRANSPORTATION RESOURCES

a specific topic these web-based courses provide an ideal way to enhance your knowledge on key areas.

To view the list of available courses go to:

<https://www.nhi.fhwa.dot.gov/home.aspx>

TCCC HMA Paving Field Inspection  
NHI Course 131129 Web-based Training

This course will explain the important tasks involved in HMA paving and describe the proper procedures for executing them.

This training is recommended for TCCC Levels I, II, and III. 4.5 Hours FREE

To register for the course go to:

<http://www.nhi.fhwa.dot.gov/Home.aspx>

TCCC Plan Reading Series  
NHI Course 134108 Web-based Training

The ability to read plans is essential for anyone involved in highway and/or bridge construction. This training contains modules covering both basic plan reading instructions, as well as in-depth instruction for those seeking more information on and/or a review of highway plan reading.

8.0 Hours CEU: 0 Fee: FREE

For more information go to:

[http://fhwapap07.fhwa.dot.gov/training/course\\_detail.aspx?num=FHWA-NHI-134108&cat=t&num=134](http://fhwapap07.fhwa.dot.gov/training/course_detail.aspx?num=FHWA-NHI-134108&cat=t&num=134)

TCCC Flagger Training  
NHI Course 133118 Web-based Training

This course is a basic training and is designed for those learning the first steps in performing flagger duties. The training provides flaggers with a better understanding of the importance of their flagging duties on a project. This training does not cover individual State flagger training or certification requirements. For more information on your State's flagger training requirements, contact your State's safety office.

1 hour CEU: 0 Fee: FREE

For more information go to:

<http://gallery.mailchimp.com/fcf27858b524c94e746bc5dcf/files/133118.pdf>

TCCC Maintenance of Drainage Features for Safety  
NHI Course 380108 Web-based Training

Module 1, Effects of Drainage, describes common roadway safety hazards and how to recognize drainage problems. Module 2, Safe Drainage Features and Work Zones, covers solutions to common roadway safety issues and work zone safety.

1 hour CEU: 0 Fee: FREE

For more information go to:

<http://gallery.mailchimp.com/fcf27858b524c94e746bc5dcf/files/380108.pdf>

**National Highway Institute (NHI).**

The Office of Real Estate Services will present the ROW and OAC core training modules to a large audience, nationwide. You are welcome to invite State, local, other Federal, and other FHWA staff to join you in your Division office conference room for training. We will cover the basics of the ROW and OAC program requirements, in approximately 18 to 20 web conference sessions, lasting 2 hours each to be held each Tuesday from January 4 through May 31, 2011. You can sign-up for some presentations and not others.

We requested Web conferencing capability for 150 sites on Tuesdays from 1:00 to 3:00 eastern, starting January 4. This training will provide introductory and basic training, prior to the 2011 PEAR 2, providing us more flexibility to develop the Right-of-Way Boot Camp for PEAR 2.

If you have questions, email Kathy Facer at:

[Kathleen.facer@dot.gov](mailto:Kathleen.facer@dot.gov)

## **Office of Professional and Corporate Development (OPCD)**

For more information go to:

<http://www.fhwa.dot.gov/opd/>

## **National Transportation Training Resource (NTTR)**

The National Transportation Training Resource (NTTR) is an online database of information about learning resources for the public-sector transportation workforce. The NTTR is a tool for training managers and frontline transportation professionals.

To visit the website go to:

<http://www.nttr.dot.gov/>

## **FHWA Wildlife Vehicle Collision Reduction Study Training Course**

A national study was conducted on the causes and impacts of wildlife vehicle collisions (WVCs). This study also provides recommendations and solutions for reducing these collisions.

To view the course go to:

[www.environment.fhwa.dot.gov/WVCtraining/index.asp](http://www.environment.fhwa.dot.gov/WVCtraining/index.asp)

## **National Cooperative Highway Research Program (NCHRP)**

Report 667

Model Curriculum for Highway Safety Core Competencies presents course materials, including the instructor's guide and student workbook, for a fundamental highway safety training course. The course is designed to address the core competencies highway safety practitioners should have or acquire. An accompanying CD-ROM includes a brochure and short Microsoft PowerPoint presentation for marketing the training course.

To view the report go to:

[http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp\\_rpt\\_667.pdf](http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_667.pdf)

# TRIBAL TRANSPORTATION RESOURCES

## PROGRAMS AND DEVELOPMENT (Continued)

### CA/NV TTAP and National Highway Institute

The CA/NV TTAP can work with the National Highway Institute to bring classroom and/or webinar training to your community. You may also request training specifically from NHI (see the message below). Check out the NHI catalog using the link below and let us know the Title and NHI coding number for any training that you are interested in and we will work to get it scheduled in your area.

<https://www.nhi.fhwa.dot.gov/home.aspx>

### LTAP/TTAP Academy

The goal of the Academy is to provide both new and current LTAP/TTAP staff with a broad overview of the national program and opportunities for continued professional development. For more information go to:

<http://www.ltapt2.org/resources/>

### Southwestern Indian Polytechnic Institute

National Indian Community College and Land Grant Institution serving American Indian and Alaskan Native students.

For more information go to:

<http://www.sipi.edu/>

### University of California, Berkeley, Institute of Transportation Studies.

Technology Transfer Program  
California LTAP Center

To visit the website go to:

<http://www.techtransfer.berkeley.edu/>

### Michigan Transportation Institute-Center for Technology and Training

Sign Retro Management Selection Tool helps you estimate how much it will cost your organization to implement different Federal Highway Administration sign retroreflectivity maintenance methods using your organization's specific costs and implementation scenarios.

To register for the tool go to:

<http://ctt.mtu.edu/ToolRegistration.html>

## PUBLICATIONS



The following are the most recent publications received and entered into the National Indian Justice Center (NIJC) data base. The NIJC web site has the complete

list of publications going back several years. To view the Tribal Transportation (TTAP) Resources data base go to:

[http://nijc.org/datasheets/ttap/TTAP\\_ResourceList.asp](http://nijc.org/datasheets/ttap/TTAP_ResourceList.asp)

## U.S. DOT-FHWA

### National Resources Conservation Service (NRCS)

Roadside Weed Management

The new reference features a state-by-state analysis of noxious weed law for all land managers. It also offers expert essays on the issues common to the "war on weeds" waged by all federal, State, and local agencies across the country.

Copies may be ordered directly from the FHWA warehouse by faxing your request for Pub. No. FHWA-HEP-07-017 to:

(301) 386-5394, attention -- Johnny Booze.

### FHWA Road Safety Audit Guidelines

FHWA-SA-06-06

The primary purpose of this guideline is to provide a foundation for public agencies to draw upon when developing their own Road Safety Audit (RSA) policies and procedures and when conducting RSAs within their jurisdiction.

To view the guide go to:

[http://safety.fhwa.dot.gov/rsa/guidelines/documents/FHWA\\_SA\\_06\\_06.pdf](http://safety.fhwa.dot.gov/rsa/guidelines/documents/FHWA_SA_06_06.pdf)

### Highway Safety Information System Brochure

A brochure that describes the Highway Safety Information System, which is a roadway-based system that provides data on accident, roadway, and traffic variables.

For more information go to:

<http://www.fhwa.dot.gov/publications/research/safety/hsis/11031/11031.pdf>

### Safety Evaluation of the Safety Edge Treatment

A summary of a report that explores the safety impact of safety edge treatments. The treatments are designed to minimize pavement-shoulder drop-off crashes.

For more information go to:

<http://www.fhwa.dot.gov/publications/research/safety/hsis/11025/11025.pdf>

### Road Safety Audit Toolkit for Federal Land Management Agencies and Tribal Governments

FHWA-FLH-10-0011

The FHWA has included the RSA as one of its nine proven safety countermeasures. FMLAs and Tribes often face unique conditions, staffing, and funding constraints that do not allow resources to be devoted to improving roadway safety. This RSA Toolkit is intended to be used by FLMAs and Tribes to overcome these obstacles.

To download the toolkit go to:



# TRIBAL TRANSPORTATION RESOURCES

<http://safety.fhwa.dot.gov/rsa/resources/toolkitflh/>

## **Intersection Safety: A Manual for Local Rural Road Owners**

This document provides information on effectively identifying intersection safety issues in local areas, choosing the countermeasures that address them, and evaluating the benefits of those treatments.

To view the manual go to:

[http://safety.fhwa.dot.gov/local\\_rural/training/fhwasal108/fhwasal108.pdf](http://safety.fhwa.dot.gov/local_rural/training/fhwasal108/fhwasal108.pdf)

## **Roadway Departure Safety: A Manual for Local Rural Road Owners**

This document provides information on effectively identifying roadway departure safety issues in local areas, choosing the countermeasures that address them, and evaluating the benefits of those treatments.

To view this manual go to:

[http://safety.fhwa.dot.gov/local\\_rural/training/fhwasal109/fhwasal109.pdf](http://safety.fhwa.dot.gov/local_rural/training/fhwasal109/fhwasal109.pdf)

## **Roadway Safety Information Analysis: A Manual for Local Rural Road Owners**

This document was developed to provide data collection and analysis techniques as well as other processes applicable to the local practitioner to help improve the safety of local rural roads.

To view the manual go to:

[http://safety.fhwa.dot.gov/local\\_rural/training/fhwasaxx1210/lrro\\_data.pdf](http://safety.fhwa.dot.gov/local_rural/training/fhwasaxx1210/lrro_data.pdf)

## **TRANSPORTATION RESEARCH BOARD—TRB**

### **Travel Forecasting Volume 1**

Journal of the Transportation Research Board, No. 2175

Contains 16 papers that explore mixed logic models, multi-agent transport simulations, travel time forecasting and dynamic origin–destination estimation for freeways, real-time short-term traffic speed level forecasting, multimodal and multiactivity travel planning, and comparison of agent-based transit assignment procedure with conventional approaches.

To view the report go to:

<http://trb.metapress.com/content/n4550l57116j/?p=1e6b0824402947feb95b552fe6917b29&pi=9>

### **Travel Forecasting 2010 Volume 2**

Journal of the Transportation Research Board, No. 2176

Contains 10 papers that explore integrating an activity-based travel demand model with dynamic traffic assignment and emission models, interaction between land use allocation and transportation, a large-scale Global Positioning System-based household travel survey, travel survey coverage, integrating transportation and land use, calibration and validation of first hybrid accessibility-based model, estimating price

elasticities of ferry demand, issues related to changing equilibrium assignment algorithms, an intelligent transportation system as the evaluation tool in a regional demand modeling environment, and an accelerated procedure of multiclass highway traffic assignment for a statewide transportation model.

To view the report go to:

<http://trb.metapress.com/content/tn540w51n103/?p=e61820a055dc4eeb8fad8db30ecee8a&pi=3>

### **Maintenance Services and Surface Weather**

Journal of the Transportation Research Board, No. 2169

Contains 19 papers that explore variable speed limit systems in work zones, the safety of mobile lane closures, temporary rumble strips for short-term work zones, the joint merge in construction zones, real-time measurement of travel time delay in work zones, short-term speed limit devices in work zones, simulation models for assessing the impacts of highway work zone strategies, and estimating operational impacts of freeway work zones on extended facilities.

To view the report go to:

<http://trb.metapress.com/content/uu1637756535/?p=08c9e2264aea472dfe60fc62b1203d5&pi=9>

### **Operational Effects of Geometrics and Access Management 2010**

Journal of the Transportation Research Board, No. 2171

contains eight papers that explore acceleration and deceleration zones at traffic control intersections, using Global Positioning System data to model operating speed and deceleration on two-lane rural roads, interchange treatments to preserve service life of narrow overpass and underpass roadways, parallel flow intersection and displaced left-turn intersection designs, offset improvements for left-turn lanes, public transit provisions in a state highway access management code, safety impacts of access management features in the Las Vegas, Nevada, Valley, and access management at major arterial intersections.

To view the report go to:

<http://trb.metapress.com/content/p51t261q1541/?p=2c5b9256cf4c4bbb8054e17ed373f334&pi=4>

### **Transit 2010, Volume 1**

Journal of the Transportation Research Board, No. 2143

Includes 21 papers that explore network connectivity; bus schedule adherence; soft costs in major fixed guideway projects; data-processing framework for transit performance analysis; referenda and funding options; subway productivity, profitability, and performance; bus dwell time; short headway transit services; and travel time variability on bus rapid transit systems.

To view the report go to:

<http://trb.metapress.com/content/u6qw52636233/?p=111d6dbdd378435991d2626827291c21&pi=16>

# TRIBAL TRANSPORTATION RESOURCES

## PUBLICATIONS (Continued)

### Planning 2010

Journal of the Transportation Research Board, No. 2174

Contains 19 papers that explore wide-area congestion and incident monitoring; sustainability at state transportation agencies; governance of metropolitan planning organizations; estimating a state transportation infrastructure funding shortfall; micro-simulation analysis of paratransit patron accessibility; using aggregated federal data to model freight in a medium-sized community; and using intelligent transportation system technologies to improve shuttle ridership .

To view the report go to:

[http://trb.metapress.com/content/m348k4h16235/?sortorder=asc&p\\_o=10](http://trb.metapress.com/content/m348k4h16235/?sortorder=asc&p_o=10)

Highway Safety: Planning; Young Drivers; Older Drivers; Indian Nations; Roundabouts; Traffic Law Enforcement; and Trucks and Buses

Journal of the Transportation Research Board, No. 2078

Includes 18 papers that explore safety-conscious planning in midsized metropolitan areas, safety and accessibility effects of pay-as-you-drive strategies, driver injury severity causes in single-vehicle-deer crashes, road hazards detection by novice teen and experienced drivers, effect of passenger age and gender on fatal crash risks of young drivers, actual and perceived behavior of older drivers on freeways, and older driver behavior related to fatal crashes.

To View the report go to:

<http://trb.metapress.com/content/h141705t2m25/?p=10a9b5a46079487c9e025421d32b065a&pi=9>

Highway Safety: Behavior, Management, and Roundabouts

Journal of the Transportation Research Board, No. 2182 Contains 18 papers that explore ways to monitor drinking, technology to tell novice drivers how to drive, driving and crash histories of illegal street racing offenders, seat belt use on school buses, and speed enforcement cameras.

To view the report go to:

[http://trb.metapress.com/content/t832717p2135/?sortorder=asc&p\\_o=0](http://trb.metapress.com/content/t832717p2135/?sortorder=asc&p_o=0)

Information Systems, Geographic Information Systems, and Advanced Computing 2010

Journal of the Transportation Research Board, No. 2183

Contains 14 papers that explore origin-destination matrix generation; a household travel data simulation tool; an urban travel route and activity choice survey; augmenting transit trip characterization and travel behavior comprehension; improving data quality, accuracy, and response in on-board surveys; and assessing the quality of origin-destination matrices derived from activity travel surveys.

To view the report go to:

<http://trb.metapress.com/content/n2qx4922781r/?p=78dc2215ac314cd78579e27f7f471813&pi=8>

Human Performance, Simulation, and User Information Research

Journal of the Transportation Research Board, No. 2185

Contains 10 papers that explore driver response to adaptive lane departure warning system, changes in spatial attention with dual-task driving, characterization of longitudinal driving behavior, characterizing individual driver response to yellow change interval at signalized intersections, driving simulator study of steering adaptation patterns, simulator fidelity and validity in a transfer-of-training context, effect of simulator motion cuing on steering control performance, safety effectiveness of advance street name signs, roadway guide signs at an international airport, and modeling travelers' responses to incident information provided by variable message signs.

To view the report go to:

<http://trb.metapress.com/content/jnk864271133/?p=3282886e48ec444cbbd7f309cc660b8d&pi=17>

Bicycles 2010

Journal of the Transportation Research Board, No. 2190

Contains 6 papers that explore the influence of the built environment on route selection for bicycle and car travel; automated bicycle counts; multimodal travel choices of bicyclists; effects of gender on commuter cycling and accident rates; on-street bicycle facility configuration effects on bicyclist and motorist behavior; and parking lane width effect on bicycle operating space.

To view the report go to:

<http://trb.metapress.com/content/q133866m3338/?p=333555389e1e44d6b7472e0a3a27665b&pi=4>

Traffic Signal Systems 2010

Journal of the Transportation Research Board, No. 2192

Contains 18 that explore simulation-based optimization of the maximum green setting, wireless magnetometer vehicle detectors at signalized intersections, management of signalized arterial capacity, arterial signal coordination, crosstalk detection in loop detectors at signalized intersections, railroad-preempted intersections, and providing automated performance measures at signalized intersections with existing video detection equipment.

To obtain a copy of the report go to:

<http://trb.metapress.com/content/g267883174q1/?sortorder=asc>

Vehicle Safety; Truck, Bus, and Motorcycle

Journal of the Transportation Research Board, No. 2194

Contains 13 papers concerned with the safety of trucks, buses and motorcycles.

To obtain a copy of the report go to:

<http://trb.metapress.com/content/q8v524012h51/?p=4ab44cdf3bf84c40955f43916907ac21&pi=8>

# TRIBAL TRANSPORTATION RESOURCES

## Research and Education 2010

Journal of the Transportation Research Board, No. 2199

Contains 6 papers that explore student understanding of sight distance in geometric design, learning styles in an engineering laboratory, design of transportation curriculum materials with examples, traffic control game for teaching high school students, outsourcing decision making in a department of transportation, and performance measures for road infrastructure research programs.

To view the report go to:

<http://trb.metapress.com/content/r4580260u745/?p=2dc70a547e544ad9a97dbf429422a0b0&pi=3>

## Highway Design 2010

Journal of the Transportation Research Board No. 2195

Contains 18 Papers

To view the report go to:

<http://trb.metapress.com/content/u475w1g33282/?p=7c8de05863994903a7867fec10582cce&pi=7>

## Pedestrians 2010

Journal of the Transportation Research Board, No. 2198

Contains 17 papers concerned with the following aspects of pedestrians: incorporating bicycle and pedestrian topics in university transportation courses; high-visibility school crosswalks; safety effectiveness of leading pedestrian intervals; driver and pedestrian behavior at uncontrolled crosswalks; and many more.

For more information go to:

[http://trb.metapress.com/content/u748hnq788v4/?sortorder=asc&p\\_o=10](http://trb.metapress.com/content/u748hnq788v4/?sortorder=asc&p_o=10)

## Intelligent Transportation Systems and Vehicle-Highway Automation 2010

Journal of the Transportation Research Board, No. 2189

Contains 12 papers that explore real-time parking information, capability-enhanced probe vehicle surveillance system with vehicle-to-vehicle communications, in-vehicle and infrastructure-based collision warnings to nonviolating drivers, emergency response technology and an integrated active transportation system, and a rural variable speed limit system.

To view the report go to:

<http://trb.metapress.com/content/u61036235454/?p=9e82cb68b7544f19a5a62647a7704ea0&pi=13>

## NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP)

### Selected Studies in Transportation Law CD

Environmental Law and Transportation Vol.3

This material should be helpful to any person who has an interest in environmental legal requirements applicable to transportation project development, construction, or operations.

To obtain a copy go to:

[http://nijc.org/datasheets/ttap/TTAP\\_ResourceList.asp](http://nijc.org/datasheets/ttap/TTAP_ResourceList.asp)

Review of Canadian Experience with the Regulation of Large Commercial Motor Vehicles Report 671

Review of Canadian Experience with the Regulation of Large Commercial Motor Vehicles examines the process used in Canada to harmonize heavy truck size and weight regulations across the country. The report provides insights on how lessons learned from the Canadian experience might be applied in the United States.

To view the report go to:

[http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp\\_rpt\\_671.pdf](http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_671.pdf)

Practice Under the Environmental Provisions of SAFETEA-LU

Legal Research Digest 54

State highway departments and transportation agencies have a

continuing need to keep abreast of operating practices and legal elements of specific problems in highway law.

To view the report go to;

[http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp\\_lrd\\_54.pdf](http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_lrd_54.pdf)

Crossing Solutions at Roundabouts and Channelized Turn Lanes for Pedestrians with Vision Disabilities Report 674

Provides practitioners with useful information related to establishing safe crossings at roundabouts and channelized turn lanes for pedestrians with vision disabilities.

To view the report go to:

[http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp\\_rpt\\_674.pdf](http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_674.pdf)

Women's Issues in Transportation

Summary of the 4th International Conference, Volume 1: Conference Overview and Plenary Papers

To view the report go to:

<http://onlinepubs.trb.org/onlinepubs/conf/cp46.pdf>

Continuing Project to Synthesize Information on Highway Problems: 2011

Research Results Digest 350

A staff digest of the progress and status of NCHRP Project 20-05, "Synthesis of Information Related to Highway Problems," for which the Transportation Research Board is the

agency conducting the research.

To view the report go to:

[http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp\\_rrd\\_350.pdf](http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rrd_350.pdf)

# TRIBAL TRANSPORTATION RESOURCES

## PUBLICATIONS (Continued)

### TRANSIT COOPERATIVE RESEARCH PROGRAM

Annual Report of Progress 2010

TRB's Transit Cooperative Research Program (TCRP) has released its annual report, which provides background and an overview of the program, status of each of TCRP's projects, and a summary of some of the program's accomplishments.

To view the report go to:

<http://onlinepubs.trb.org/onlinepubs/tcrp/TCRPAnnual2010.pdf>

Transit Agency Compliance with Title VI: limited English Proficiency Requirements  
Research Results Digest 97

To view the report go to:

[http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp\\_rrd\\_97.pdf](http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp_rrd_97.pdf)

Reconciling Security, Disclosure, and Record-Retention Requirements in Transit Procurements

Legal Research Digest 32

The report explores federal and state requirements concerning record retention and disclosure, as well as practices transit agencies have adopted to meet their responsibilities in balancing these competing public policy interests.

To view the report go to:

[http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp\\_lrd\\_32.pdf](http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp_lrd_32.pdf)

### NATIONAL COOPERATIVE FREIGHT RESEARCH PROGRAM (NCFRP)

Guidance for Developing a Freight Transportation Data Architecture Report 9:

Guidance for Developing a Freight Transportation Data Architecture explores the requirements and specifications for a national freight data architecture to link myriad existing data sets, identifies the value and challenges of the potential architecture, and highlights institutional strategies to develop and maintain the architecture.

To view the report go to:

[http://onlinepubs.trb.org/onlinepubs/ncfrp/ncfrp\\_rpt\\_009.pdf](http://onlinepubs.trb.org/onlinepubs/ncfrp/ncfrp_rpt_009.pdf)

## CALIFORNIA

### Best Practices for Rural Smart Growth

Caltrans Division of Research and Innovation

Smart growth is a development strategy that encompasses economic, environmental and social objectives to manage the growth of a community.

To view the report go to:

[http://www.dot.ca.gov/newtech/researchreports/preliminary\\_investigations/docs/rural\\_smart\\_growth\\_preliminary\\_investigation\\_7-21-10.pdf](http://www.dot.ca.gov/newtech/researchreports/preliminary_investigations/docs/rural_smart_growth_preliminary_investigation_7-21-10.pdf)

## OTHER PUBLICATIONS

### Center for Transportation Studies at the University of Minnesota

Advanced LED Warning Signs for Rural Intersections Powered by Renewable Energy

A new Advanced Light-Emitting Diode (LED) Warning System was developed and deployed at a rural, through/stop intersection with limited intersection sight distance due to a severe vertical curve. This warning system actively detects vehicles on all approaches and activates LED blinker warning signs for the conflicting movements.

To view the report go to:

<http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=1980>

### Highway Safety Manual

American Association of State Highway and Transportation Officials (AASHTO) released the 1st Edition, Volume 1 and 3 2010.

To view the introduction go to:

<http://www.highwaysafetymanual.org/Documents/HSMP-1.pdf>

To purchase a copy go to:

<http://www.highwaysafetymanual.org/Pages/default.aspx>

If you would like a copy of a specific section from the list in the Table of Contents please contact:

barry@nijc.org or, nijc@aol.com Fax no. 707-579-9019

### University of Minnesota Institute of Child Development & MDOT

Improving the Ability of Drivers to Avoid Collisions with Snowplows in Fog and Snow

The goal of this work is to understand how the processing of motion under the conditions created by blowing snow causes drivers to fail to detect that they are approaching a vehicle ahead.

For more information go to:

<http://trid.trb.org/view.aspx?type=MO&id=789729>

## TRANSPORTATION NEWSLETTERS

### Institute Of Transportation Studies

University of California Berkeley News *BITS*

For more information go to:

<http://www.its.berkeley.edu/>

### Global Transport Knowledge Partnership (GTKP)

International Newsletter

For more information go to:

<http://www.gtkp.com/default.asp>

### NACE News—Monthly Newsletter

National Association of County Engineers

To View the newsletter go to:



# TRIBAL TRANSPORTATION RESOURCES

<http://www.naco.org/NACETemplate.cfm?Section=News1&template=/ContentManagement/ContentDisplay.cfm&ContentID=31476>

## Community Transportation Association of America

Tappy Grams is an electronic newsletter that describes new and timely publications on transportation-related information.

To view the newsletter go to:

<http://web1.ctaa.org/webmodules/webarticles/anmviewer.asp?a=1729&z=76>

## Nevada Department of Transportation

Nevada Research and Technology Review

Quarterly Newsletter

To view the newsletter go to:

[http://www.nevadadot.com/reports\\_pubs/Research\\_Pubs/ResearchNewsletter.asp](http://www.nevadadot.com/reports_pubs/Research_Pubs/ResearchNewsletter.asp)

## Public Roads Magazine

Reading *Public Roads* is the easiest way to keep up-to-date

on developments in federal highway policies, programs, and research and technology.

To view the site go to:

<http://www.tfhrcc.gov/pubrds/index.htm>

## FHWA

Safety Compass Quarterly Newsletter

Highway Safety Solutions for Saving Lives

To view current and past issues go to:

<http://safety.fhwa.dot.gov/newsletter/>

## FHWA

Focus Magazine

Accelerating Infrastructure Innovations

To view current and past issues go to:

<http://www.fhwa.dot.gov/publications/focus/10jan/index.cfm>

## Office of Safety

Road Safety Audits (RSA) Newsletter

An outreach resource to provide you with the most current information on RSAs. Our regular features will include an overview of State RSA programs, current resources to assist you in performing RSAs, and a compilation of RSA-related news stories.

To view the newsletter go to:

<http://safety.fhwa.dot.gov/rsa/newsletter/>

## Resource Center

Centered on Service Newsletter

Success stories from the RC Technical Service Teams to bring you lessons learned, state-of-the-art technologies, and improved processes.

To view the newsletters go to:

<http://www.fhwa.dot.gov/resourcecenter/success/cos.cfm>

**Community Transportation Association of America**  
FAST MAIL Monthly Newsletter. The latest news and updates from the Community Transportation industry .

To view the newsletter go to:

<http://web1.ctaa.org/webmodules/webarticles/anmviewer.asp?a=1009&z=37>

## U.S. Environmental Protection Agency

District 9, San Francisco, CA

Tribal Programs Newsletter

To view the tribal web site and newsletter go to:

<http://www.epa.gov/region09/tribal/index.html>

## FHWA

Pedestrian Forum Newsletter

Safe Pedestrians and a Walkable America

VOL. 50, Spring 2010

To view the newsletter go to:

[http://safety.fhwa.dot.gov/ped\\_bike/pedforum/2010/spring2010.cfm](http://safety.fhwa.dot.gov/ped_bike/pedforum/2010/spring2010.cfm)

## California Department of Transportation (Caltrans)

California Transportation Journal

To view current and past issues go to:

<http://www.dot.ca.gov/ctjournal/2009-3/>

## Transportation Research Board

TR News

To view current and past issues go to:

<http://www.trb.org/Main/Public/Search2.aspx?SearchTerm=tr%20news>

## National Rural Transportation Assistance (RTAP)

E-NEWS

To sign up for national RTAP communications go to:

<http://www.nationalrtap.org/>

## VIDEOS AND DVDS



## Environmental Justice in Transportation for California Tribes Video Workbook

Produced by the National Indian Justice Center.

Available at: 707-579-5507 or,

<http://nijc.org/publications.html>

## Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users.

The Forest Service, Bureau of Land Management and

# TRIBAL TRANSPORTATION RESOURCES

## VIDEOS AND DVDS (Continued)

Federal Highway Administration have jointly developed training videos to show how the various programs authorized within SAFETEA-LU can benefit public lands and their neighboring communities.

The training video can be found at: <http://www.fs.fed.us/eng/safetea-lu>

### **FHWA LTAP/TTAP Clearinghouse**

Operators Pre-Start Motor Grading Inspection  
Promotes motor grader safety and productivity for county and city road agencies.

-AND-

Roadway Safety + Training Program Version 9 Is a standard method of providing worker awareness training for road workers. The RSP+ download includes interactive Macromedia modules, Trainee Booklets, Toolbox Pamphlets, printable screen guides, and an Instructor Manual. Most are provided in 3 languages.

Download program from [www.workzonesafety.org](http://www.workzonesafety.org)

To obtain copies of the videos contact Sarah Crane at 202-289-4434, or e-mail [scrane@artba.org](mailto:scrane@artba.org)

### **FHWA Office of Safety Design**

Two informational videos on DVD.

FHWA-SA-08-007. Median Barriers—A Solution to Cross-Median crashes.

FHWA-SA-07-024. The previously released video, Rumble Strips—A Sound Investment.

Order from FHWA Report Center – publication number [Report.center@fhwa.dot.gov](mailto:Report.center@fhwa.dot.gov).

### **FHWA Office of Safety**

2009 Road Safety Audit (RSA) Video

FHWA has created a new video on Road Safety Audits (RSAs). The new RSA video focuses on the benefits of using a multidisciplinary approach to improve safety. For more information or to view the video go to:

<http://safety.fhwa.dot.gov/rsa/video2009/>

### **A Road Construction Industry Consortium Training Program Roadway Safety-Roadway Safety**

Awareness Program provides an overview of common hazards in highway and road construction and simple prevention measures.

To download Version 9.0 go to: [http://www.workzonesafety.org/training/courses\\_programs/rsa\\_program/overview](http://www.workzonesafety.org/training/courses_programs/rsa_program/overview)

### **FHWA office of Safety**

Modern Roundabouts: A Safer Choice (FHWA-SA-10-023)

The video explains the many benefits of roundabout intersections and is intended primarily for decision makers in state and local transportation agencies to overcome the

common barriers and reasons for not considering roundabouts as intersection alternatives. It is presented in a non-technical manner and can be used at public meetings for proposed roundabout projects.

For more information go to:

<http://safety.fhwa.dot.gov/intersection/roundabouts/>

### **Zero Fatalities Utah DOT**

Reggie P. Shaw Video

His vehicle drifted across the highway centerline and side-swiped an oncoming vehicle on Sept. 22, 2006. The officers investigated and found out that Shaw was text messaging during the time of his accident.

To view the video go to:

[http://ut.zerofatalities.com/?utm\\_medium=email&utm\\_source=Transportation%20Research%20Board&utm\\_campaign=TRB+E-Newsletter+-+08-25-2009&utm\\_content=Web&utm\\_term](http://ut.zerofatalities.com/?utm_medium=email&utm_source=Transportation%20Research%20Board&utm_campaign=TRB+E-Newsletter+-+08-25-2009&utm_content=Web&utm_term).

### **U.S.DOT FHWA**

Transportation Planning Capacity Building Program  
Technical assistance information and training tools.

To obtain a copy of the CD go to:

[http://www.nijc.org/ttap\\_resources.html](http://www.nijc.org/ttap_resources.html)

### **Tribal School Zone Safety: Video and Toolkit**

To obtain a free DVD, Please contact:

Chimai Ngo, 202-366-1231

### **Roadway Safety Foundation**

New Run-Off-Road/Rumble Strip Brochure and Recognize-React-Recover DVD

To obtain free copies of the brochure and DVD go to:

<http://www.roadwaysafety.org/run-off-road-dvd-2/>

### **Sign Retroreflectivity Informational Presentations**

The Center for Technology & Training at the Michigan Tech Transportation Institute has developed a web based informational presentation designed to help local agencies begin the discussion of sign retroreflectivity with decision-makers.

To download the videos go to:

<http://ctt.mtu.edu/SignRetroPresentations.html>

### **Road Safety Audit (RSA) Software**

Is intended to be a guiding and process tracking tool enabling the use of RSA prompt lists at variety of detail levels, while providing a way to accompany each safety issue raised with a discussion and assessment

To download the software go to:

<http://safety.fhwa.dot.gov/rsa/software/>

### **Rumble on the Reservation**

This 11-minute DVD highlights rumble strips as a cost-effective crash countermeasure that American Indian

# TRIBAL TRANSPORTATION RESOURCES

communities can incorporate into roadway safety projects on tribal lands .

Roadway Safety Foundation

Please contact us at 202.857.1228 or

info@roadwaysafety.org to order free copies

## **Dine Biitah: “Among the People”, Scenic Byway**

Threads its way through over a hundred miles of Navajo land, people, culture and natural beauty.

To obtain a copy go to:

[http://www.nijc.org/ttap\\_resources.html](http://www.nijc.org/ttap_resources.html)

## **The Safety Edge: Your Angle for Reducing Roadway Departure Crashes**

FHWA-SA-10-033

Informational DVD to introduce you to a cost-effective treatment that has proven to provide results by saving lives.

To obtain a copy of the DVD go to:

[http://www.nijc.org/ttap\\_resources.html](http://www.nijc.org/ttap_resources.html)

## ANNOUNCEMENTS



### **Native American Liaison Branch**

Individuals, contractors, corporations, utilities, cities, counties, Native American Tribes, and other government agencies proposing to conduct any activity within, under, or over the State highway right of way need an encroachment permit.

An *encroachment* is defined in the Streets and Highways Code as any tower, pole, pole line, pipe, pipeline, billboard, stand or building, or any structure, object of any kind or character not particularly mentioned in the section, or special event, which is in, under, or over any portion of the highway. “Special event” means any street festival, sidewalk sale, community-sponsored activity, or community-approved activity.

For more information go to:

<http://www.dot.ca.gov/hq/traffops/developserv/permits/>



### **Ordering Information**

Printed copies of our in-house publications are available on a first-come, first served basis. Priority is given to Tribal Transportation Personnel. PDF versions of most of our publications are available on our website: [http://www.nijc.org/ttap\\_resources.html](http://www.nijc.org/ttap_resources.html)

All our videos, publications and CD-ROMs in our lending library are loaned for a four-week period. Two titles may be borrowed at a time.

To order or borrow materials, please e-mail or fax a request to: [barry@nijc.org](mailto:barry@nijc.org) or, [nijc@aol.com](mailto:nijc@aol.com) Fax no. 707-579-9019

To view past issues of publications, videos and development programs, please visit our website library: at: [http://nijc.org/datasheets/ttap/TTAP\\_ResourceList.asp](http://nijc.org/datasheets/ttap/TTAP_ResourceList.asp)

### **Do You Have A Transit Advertising Policy?**

#### **Developing and Implementing a Transit Advertising Policy Transit Cooperative Research Program (TCRP) Legal Research Digest 33**

This research project was commissioned to provide a comprehensive review and analysis of the advertising issues regularly encountered by mass transit agencies across the country.

The report can be viewed and downloaded at:

[http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp\\_lrd\\_33.pdf](http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp_lrd_33.pdf)

# TRIBAL TRANSPORTATION FUNDING RESOURCES

## FUNDING



## CALIFORNIA

**NOTE: many of the listed transportation programs are dependant on the extension of SAFETEA-LU or the passage of the Re-authorization Transit Bill.**

### CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)

#### California Department of Transportation: Transportation Planning Funding Grants

The Transportation Planning Grants are intended to promote strong and healthy communities, economic growth, and protection of our environment. These planning grants support closer placement of jobs and housing, efficient movement of goods, community involvement, in planning, safe and convenient pedestrian and bicycle mobility and access, smart or strategic land use, and commute alternatives. The final results of these grants should lead to the adoption, initiation, and programming of transportation improvements that improve mobility, access and economic vitality.

For more information on these grants go to:  
<http://www.dot.ca.gov/hq/tpp/grants.html>

#### California Department of Transportation: The State-Legislated Safe Routes to School Program

California Safe Routes to School program is contained in the Streets & Highway Code Section 2330-2334.

For more information on this program go to:  
<http://www.dot.ca.gov/hq/LocalPrograms/saferoutes/sr2s.htm>

#### California Department of Transportation (CALTRANS)

The California Department of Transportation (Caltrans), in consultation with the Governor's Office of Small Business Advocate, have entered into a Memorandum of Understanding (MOU) with the U.S. Small Business Administration (SBA), to offer a technical assistance surety bond guarantee program to promote increased small business participation in Caltrans, State highway and transit projects.

This initiative provides a viable means to advance the

unimpeded participation of all willing, ready, and able construction contractors and subcontractors, professional architectural and engineering firms, suppliers and truckers, without regard to race, ethnicity, gender, or physical disability to participate in the State's Contracting Program.

For more information contact a Small Business Development Center in your area, or call Linda Madden 919-324-8384; e-mail [Linda\\_Madden@dot.ca.gov](mailto:Linda_Madden@dot.ca.gov)

### California Integrated Waste Management Board (CIMWB)

CIMWB offers a variety of grant funding opportunities to assist public and private entities in safely and effectively managing California's waste stream. Additional grant information and list of active grants can be found at: [www.ciwmb.ca.gov/grants](http://www.ciwmb.ca.gov/grants)

## NEVADA

### Nevada Department of Transportation: Safe Routes to School Program

For more information regarding the Nevada Safe Routes to School, please visit:  
<http://www.walknevada.com/>

### Nevada Department of Transportation: 2010-11 Landscape Aesthetics Community Match

#### Program Procedures Manual

The State Transportation Board approves the Landscape and Aesthetics Community Match Program to Help communities add landscape and aesthetic treatments to State Highway (retrofitting) and improve the appearance of Nevada's highways. The program provides for a variety of projects, such as landscaping, scenic beautification, transportation art, and community gateways. The program provides funding for fifty percent of a landscape and aesthetic project, up to a maximum, of \$500,000 from the applicant and \$500,000 from the program. The minimum application accepted for the program is \$100,000, of which \$50,000 comes from the program. More information on the Landscape and Aesthetic Program may be found at: [www.nevadadot.com](http://www.nevadadot.com) under Public Involvement, Landscape and Aesthetics Master Plan, Related Links, #1.

### Nevada Department of Transportation Transportation Systems Projects Project Submittal Program

A Transportation Improvement Project can increase roadway capacity (additional lanes); increase the safety of the roadway (right/left turn lanes, passing lanes, pull



# TRIBAL TRANSPORTATION FUNDING RESOURCES

outs); enhance an intersection (signals, stop signs, lighting); upgrade the roadway (realignment, reconstruction, overlay, drainage); or any other project that improves the roadway. Projects such as welcome and gateway community signs are eligible projects. Repair and reconstruction of bridges are also included. Primary reasons for a project can be safety issues, congestion relief, bridge repair/replacement, new development (both residential and commercial) or maintenance of the roadway.

Applications can be for projects located on or near federal/state highway or non-federal/state highway that has been given a functional clarification. Federal and State Agencies, Tribal governments, county, city and local governments, local public agencies or private non profits can apply.

**Dates:** Completed applications are due the first Monday in January (Tuesday if Monday is a holiday). Applications received after January will be held until the next Evaluation cycle in January the following year.

For information contact: Sandi Stanio, Program Development. (775) 888-7122, or e-mail: [sstanio@dot.state.nv.us](mailto:sstanio@dot.state.nv.us)

To view the program go to:

[http://www.nevadadot.com/business/forms/pdfs/Plan\\_PROJECT\\_APP.pdf](http://www.nevadadot.com/business/forms/pdfs/Plan_PROJECT_APP.pdf)

## FEDERAL

### DEPARTMENT OF TRANSPORTATION

#### Federal Safe Routes to School Program (SRTS)

The Federal Safe Routes to School program (SRTS) was authorized by SAFETA-LU (the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users). This federal program has different eligibility and local match requirements than the state-legislated program. For more information on this program go to:

<http://www.dot.ca.gov/hq/LocalPrograms/saferoutes/srts.htm>

#### Federal Transit Administration

#### Public Transportation On Indian Reservations (FTA 5311 )

The goals of the Tribal Transit Program: 1) to enhance the access of public transportation on and around Indian reservations in nonurbanized areas to health care, shopping, education, employment, public services, and recreation; 2) to assist in the maintenance, development, improvement, and use of public transportation systems in rural and small urban areas; 3) to encourage and facilitate the most efficient use of all Federal funds used to provide passenger transportation in nonurbanized areas through the coordination of programs and services; and 4) to provide for the

participation of private transportation providers in nonurbanized transportation to the maximum extent feasible.

For more information go to:

[http://www.fta.dot.gov/funding/grants/grants\\_financing\\_3553.html](http://www.fta.dot.gov/funding/grants/grants_financing_3553.html)

#### The Paul S. Sarbanes Transit in Parks Program

Was established to address the challenge of increasing vehicle congestion in and around our national parks and other federal lands. America's national parks, wildlife refuges, and national forests were created to protect unique environmental and cultural treasures, but are now facing traffic, pollution and crowding that diminishes the visitor experience and threatens the environment. To address these concerns, this program provides funding for alternative transportation systems, such as shuttle buses, rail connections and even bicycle trails. The program seeks to conserve natural, historical, and cultural resources; reduce congestion and pollution; improve visitor mobility and accessibility; enhance visitor experience; and ensure access to all, including persons with disabilities. Eligible recipients also include state, tribal, or local governmental authorities with jurisdiction over land in the vicinity of an eligible area acting with the consent of the FLMA. Eligible project areas include any federally owned or managed park, refuge or recreational area open to the general public, including: National Parks, National Wildlife Refuges; Bureau of Land Management recreational areas; Bureau of Reclamation recreational areas; and National Forests. Eligible projects may also include the communities and land surrounding these federal lands.

For more information go to:

<http://www07.grants.gov/search/search.do;jsessionid=X0XYN1pGyTz9L8DLr8hxGpM8rZb1MXnjTySMdpQ4TRb268ZfQhPL!1042892693?oppId=78033&mode=VIEW>

#### National Park Service: Preserve America Grants

Preserve America grants support planning, development, and implementation of innovative activities and programs in heritage tourism such as surveying and documenting historic resources, interpreting historic sites, planning, marketing, and training. Successful applicants will emphasize creative projects that promote and preserve the community's cultural resources. Successful projects will involve public-private partnerships and serve as models to communities nationwide for heritage tourism, education, and economic development.

Your project must fit one of the following categories:

- Research and Documentation
- Education and Interpretation
- Planning
- Marketing
- Training

# TRIBAL TRANSPORTATION FUNDING RESOURCES

## FUNDING (Continued)

Designated Preserve America Communities and Neighborhoods, State Historic Preservation Offices, Tribal Historic Preservation Offices and Certified Local Governments that have applied for Preserve America Community designation are all eligible to apply for Preserve America grants. Individuals, nonprofits, and for-profit businesses are not eligible for funding.

For more information go to:

<http://www.nps.gov/history/hps/hpg/preserveamerica/faqs.htm#5>

## FHWA

### Surface Transportation Environment and Planning Cooperative Research Program

The STEP is the primary source of funds for FHWA to conduct research and develop tools and technologies to advance the state of the practice regarding national surface transportation and environmental decision-making.

In FY 2010, FHWA sought partnerships that leveraged limited research funding in STEP with other stakeholders and partners in order to increase the total amount of resources available to meet the nation's surface transportation research needs.

The proposed FY2011 STEP funding levels are subject to the completion of the FY2011 Department of Transportation (DOT) appropriations process. The anticipated FY2011 STEP research efforts are preliminary and subject to change. In FY 2010, STEP addressed national research priorities that included:

- (1) Conducting research to develop climate change mitigation and adaptation strategies;
- (2) Improving state of the practice regarding livability and the impact of transportation on the environment;
- (3) Developing and/or supporting accurate models and tools for evaluating transportation measures and developing indicators of economic, social, and environmental performance of transportation systems;
- (4) Developing and deploying research to address congestion reduction efforts;
- (5) Developing transportation safety planning strategies for surface transportation systems and improvements;
- (6) Improving planning, operation, and management of surface transportation systems and rights of way;
- (7) Enhancing knowledge of strategies to improve transportation in rural areas and small communities;
- (8) Strengthening and advancing State/local and tribal capabilities regarding surface transportation and the environment;

- (9) Improving transportation decision-making and coordination across borders;
- (10) Conducting research to promote environmental streamlining/stewardship;
- (11) Disseminating research results and advances in state of the practice through peer exchanges, workshops, conferences, etc;
- (12) Meeting additional priorities as determined by the Secretary; and
- (13) Refining the scope and research emphases through active outreach and in consultation with stakeholders.

The number of stakeholders with an interest in environment and planning research is enormous and diverse, including these three tiers:

*Tier 1 - Federal Agencies and Tribes:* There are at least a score of Federal agencies with strong interest in transportation planning and environmental programs including: the Departments of Commerce, Defense, Homeland Security, Agriculture, Energy, Interior (DOI) and Housing and Urban Development, the Environmental Protection Agency (EPA), and the Centers for Disease Control and Prevention (CDC).

Within each of these agencies, there are many discrete organizations/programs with an interest - e.g., National Park Service, U.S. Fish and Wildlife Service and Bureau of Land Management within the DOI. Within the US Department of Transportation (USDOT), FHWA partners with the Federal Transit Administration (FTA) on virtually all planning and environmental work, including research. The FHWA also coordinates with the Federal Railroad, Aviation, Research and Innovative Technology, National Highway Traffic Safety and Maritime Administrations, and with the Office of the Secretary of Transportation on Global Climate Change as well as other issues. There are over 500 federally recognized Native American Tribes, which have a major interest in research affecting their planning and environmental needs.

For more information go to:

<http://www.fhwa.dot.gov/HEP/STEP/index.htm>

### Field Testing, Marketing, and Crash Analyses for Mini-Roundabouts

#### Contract No. DTFH61-09-C-00027.

The objectives of the contract include before vs. after evaluation of 10 mini-roundabouts to be implemented in the United States. FHWA is looking for Agencies who are willing to fund and construct mini-roundabouts soon. The traffic operational effects of the mini-roundabouts will then be evaluated by the research team for the FHWA. Possible 100% Federal funding for constructing mini-roundabouts if approved through the state's Highway Safety Improvement Program.

# TRIBAL TRANSPORTATION FUNDING RESOURCES

If you wish to participate contact:

Wei Zhang, FHWA 202-493-3317, [wei.zhang@dot.gov](mailto:wei.zhang@dot.gov)

Joe Bared, FHWA 202-493-3314, [joe.bared@dot.gov](mailto:joe.bared@dot.gov)

## U.S. Department of Agriculture

### USDA Rural Development Grants

The mission is to increase economic opportunity and improve the quality of life for rural residents. Rural Development fosters growth in homeownership, finances business development, and supports the creation of critical community and technology infrastructure. Further information on rural programs is available at a local USDA Rural Development web site:

<http://www.rurdev.usda.gov/rbs/busp/bprogs.htm>

## FEMA: Hazard Mitigation Grant Program

Hazard mitigation is any sustained action taken to reduce or eliminate long-term risk to people and property from natural hazards and their effects. This definition distinguishes actions that have a long-term impact from those that are more closely associated with immediate preparedness, response, and recovery activities. Hazard mitigation is the only phase of emergency management specifically dedicated to breaking the cycle of damage, reconstruction, and repeated damage. As such, States, Territories, Indian Tribal governments, and communities are encouraged to take advantage of funding provided by HMA programs in both the pre- and post-disaster timeframes. Together, these programs provide significant opportunities to reduce or eliminate potential losses to State, Tribal, and local assets through hazard mitigation planning and project grant funding. Each HMA program was authorized by separate legislative action, and as such, each program differs slightly in scope and intent.

The Hazard Mitigation Grant Program (HMGP) may provide funds to States, Territories, Indian Tribal governments, local governments, and eligible private non-profits following a Presidential major disaster declaration. The Pre-Disaster Mitigation (PDM), Flood Mitigation Assistance (FMA), Repetitive Flood Claims (RFC), and Severe Repetitive Loss Pilot (SRL) programs may provide funds annually to States, Territories, Indian Tribal governments, and local governments. While the statutory origins of the programs differ, all share the common goal of reducing the risk of loss of life and property due to natural hazards.

For more information go to:

<http://www.fema.gov/government/grant/hmgrp/index.shtm>

## Department of Commerce, Economic Development Administration

Economic Development Assistance Programs

-AND-

Planning and Local Technical Assistance Programs

EDA's mission is to lead the Federal economic development agenda by promoting innovation and competitiveness, preparing American regions for growth and success in the worldwide economy. In implementing this mission pursuant to the Public Works and Economic Development Act of 1965, as amended (42 U.S.C. § 3121 et seq.) (PWEDA), EDA advances economic growth by assisting communities and regions experiencing chronic high unemployment and low per capita income to create an environment that fosters innovation, promotes entrepreneurship, and attracts increased private capital investment.

Applications are accepted on a continuing basis and processed as received.

December 15 for funding cycle 1;

March 10 for funding cycle 2;

June 10 for funding cycle 3; and

September 15 for funding cycle 1 of FY 2012.

For more information go to:

<http://www.grants.gov/search/search.do;jsessionid=HJgnNQyZrnqvM68WJFvTsl2nBnRPFMy2HWL0Tvijy5BjJVCZLzQk!1815315262?oppId=58876&mode=VIEW>

## The Kodak American Green Ways Program

[Eastman Kodak Company](#), The Conservation Fund and the [National Geographic Society](#) team up each year to present the Kodak American Greenways Awards Program. One major element of the Program involves "seed" grant awards to organizations that are growing our nation's network of greenways, blueways, trails and natural areas.

The Program operated by The Conservation Fund invites land trusts, local governments, and other organizations to submit proposals for small greenway project grants.

Funded projects typically advance one or more of the following Program goals:

- Catalyzing new greenway projects
- Assisting grassroots greenway organizations
- Leveraging additional money for conservation and greenway development
- Promoting use and enjoyment of greenways

For more information go to:

[http://www.conservationfund.org/kodak\\_awards](http://www.conservationfund.org/kodak_awards)

## OTHER FUNDING





## NATIONAL INDIAN JUSTICE CENTER

5250 Aero Drive  
Santa Rosa, CA 95403  
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## NIJC SERVICES

The National Indian Justice Center (NIJC) provides a range of services, including regional and local training sessions under contracts with tribes, court evaluation and court planning services, and other resource services.

*(Continued from page 7)*

The need for a new surface transportation authorization bill was expressed by Senator Barbara Boxer (D-Calif.) In a Senate Committee on Environment and Public Works hearing Boxer stated, “The next highway, transit and highway safety authorization provides an opportunity to take a fresh look at these programs and make the changes necessary to ensure our transportation system will meet America’s needs in the coming years.”

“Tester asked tribal leaders to identify their priorities for the next highway spending bill, which is expected to be introduced next year. Leaders were in agreement that more money should be allocated for Indian Country.

Jefferson Keel, president of the National Congress of American Indians, said reservations make up nearly 3 percent of federal roadways but get less than 0.5 percent of total federal highway funding. He said one way for Indians to receive a more equitable share would be for Congress to clarify the ability of tribes to collect fuel taxes on their lands.

“At the end of the day it’s a matter of setting the right priorities and crafting innovative and effective means to address them,” said Boxer.

*(Contributed by Associated Press, Matt Volz, October, 2010; Logistics Management, December 13, 2010, Jeff Wilson and Karla Sisco, OSU TTAP)*

## Save The Date



CALIFORNIA  
TRIBAL TRANSPORTATION  
SAFETY SUMMIT  
MAY 23-24, 2011  
HARRAH’S RINCON  
VALLEY CENTER, CALIFORNIA  
TO REGISTER GO TO:

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## ***CALIFORNIA/NEVADA TTAP***

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