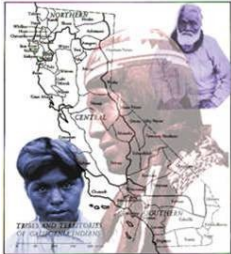


# Tribal Transportation News



A Publication of the Western TTAP  
Published by the National Indian Justice Center



## High Friction Surface Treatments

U.S.DOT –Federal Highway Administration (FHWA)

Horizontal curves made up only 5 percent of our Nation's highway miles in 2008. Yet, more than 25 percent of highway fatalities in the United States occur at or near horizontal curves each year. While some of the factors contributing to these crashes include excessive vehicle speed or distracted driving and driver error, at some locations, the deterioration of pavement surface friction may also be a contributing factor. Variable friction creates the need to consider pavement improvements for surface characteristics, particularly for friction, at certain locations in order to increase safety.

High friction surface treatments (HFST) are the site-specific application of very high-quality, durable aggregates using a polymer binder that restores and maintains pavement friction where the need for a safer pavement surface is the greatest. Maintaining the appropriate amount of pavement friction is critical for safe driving. Vehicles traversing horizontal curves require a greater side force friction, and vehicles at intersections require greater longitudinal force friction.

In locations such as sharp horizontal curves and where vehicles may brake excessively, the road surface of standard pavements may become prematurely polished, thereby reducing the available pavement friction. This loss of friction contributes to vehicles losing control or skidding at high speed, causing drivers to turn abruptly or brake excessively. Negotiating a sharper curve requires an increased friction demand, and that greater demand causes greater shear forces on the surface aggregate, thereby leading to even more polishing of the surface aggregate.

The HFST technology is unique in its ability to address site-specific issues. While the largest numbers of problem locations are likely to be on the local and collector systems, there are also high-volume intersections, interchange ramps, and selected segments of Interstate alignments where these treatments would also be beneficial. This innovation has application to State departments of transportation (DOTs), counties, cities, tribes and federal lands agencies across the country.

### BENEFITS

- **Reduce crashes, injuries and fatalities.** Kentucky placed HFST on 26 curves and to date has seen an average reduction from 6.2 to 1.9 crashes per year at those locations. Additionally, the National Cooperative Highway Research Program (NCHRP) 617 indicates a crash reduction of 20 percent for all intersection crashes.
- **Benefits outweigh costs.** A recent before-and-after study from South Carolina DOT for a series of curve instal-

(Continued on page 4)

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Western TTAP 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 storytelling 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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If you would like to join our TTAP Mailing List and subscribe to our quarterly publication of *Tribal Transportation News*, go to [www.nijc.org/ttap.html](http://www.nijc.org/ttap.html) and click on - [join our mailing list](#). You can also call Barry Litchfield at (707) 579-5507 x 224.

# Tools for Improving Pedestrian Safety

## It's Up to All of Us: A Pedestrian Safety Public Education Campaign and California Department of Public Health's Communication for Pedestrian Safety: Risk, Response & Change by Raquelle Myers, Western TTAP

Specific California data concerning race and pedestrian injuries and fatalities is difficult to determine since the implementation of Proposition 209 which generally prohibits state agencies from collecting racial data. Effective January 1, 2002, the California Highway Patrol Statewide Integrated Traffic Records System (SWITRS) database began using the following racial categories: Asian, Other, Black, White, Hispanic, and Blank.<sup>17</sup> Data about the American Indian/Alaska Native (AI/AN) pedestrian injuries and fatalities may be found in the NCSA Fatality Analysis Reporting System (FARS). We currently know the following about AI/AN pedestrian data in California:



**Figure 1 Excerpted from Native Child and Youth Pedestrian Safety in California: Fact Sheet available on the Western TTAP Transportation Safety Webpage located at [www.nijc.org/ttap\\_trans\\_safety.html](http://www.nijc.org/ttap_trans_safety.html)**

Based upon the available information, it is imperative that California tribal communities focus on strategies for improving pedestrian safety particularly among tribal youth and elders. Effective tools have been developed by the California Department of Public Health (CDPH) that Tribes can use to address pedestrian safety concerns.

It's Up to All of Us is a pedestrian safety public education campaign that incorporates tools for communities to engage the community and implement strategies for improving pedestrian safety. "It's Up to All of Us" is funded by the California Office of Traffic Safety through a collaborative project with the CDPH Pedestrian Safety Program. The campaign draws on CDPH's longstanding work in the use of public education campaigns to influence individual and community behavior through norm change. Campaign materials are available free of charge and include a series of 18 media templates. Materials can be used "as is" or customized to address local needs. Download the campaign materials from:

<http://www.cdph.ca.gov/HealthInfo/injviosa/Pages/ItsUp2Us.aspx>.

The National Indian Justice Center received funding from CDPH to adapt the media templates to include culturally relevant graphics and messaging. Download the files at [http://www.nijc.org/ttap\\_trans\\_safety.html](http://www.nijc.org/ttap_trans_safety.html).

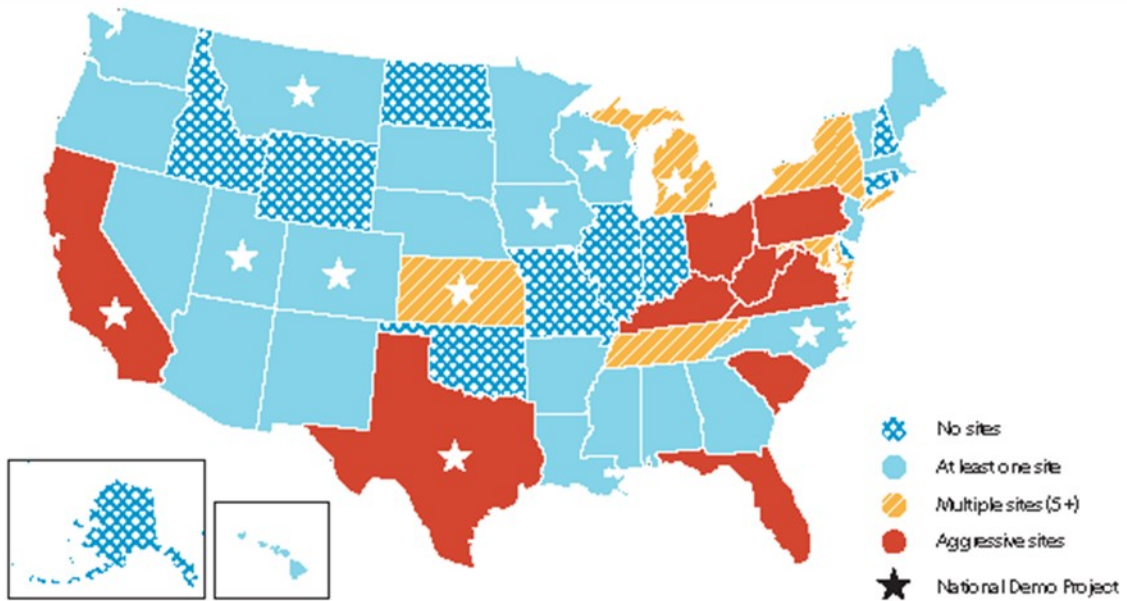
In 2009, CDPH produced a comprehensive workbook, "Communication for Pedestrian Safety: Risk, Response and Change" which provides communities with a "how to guide" for applying risk communication and norm change principles and practices to pedestrian safety. NIJC has developed a public service announcement and a workshop presentation on how Tribes may use these materials. Download the files at [http://www.nijc.org/ttap\\_trans\\_safety.html](http://www.nijc.org/ttap_trans_safety.html).



(Continued from page 1)

lations indicates a cost-benefit ratio of about 24 to 1.

- **Relatively low in cost compared to geometric improvements.** The square-foot cost of HFST is not cheap, but its durability makes it worth the cost since the treatments are long-lasting and the life-cycle cost is excellent.
- **Durable and long-lasting.** HFST provide a durable and long-lasting solution to pavement locations where insufficient friction is a contributing factor in crashes.
- **Customizable to specific State and local safety needs.** Road owners can use where most needed, such as two-lane urban or rural roads at horizontal curves, areas near steep grades, areas at or near lane changes and rural and urban intersections.
- **Produce negligible environmental impacts and minimal impact on traffic.** Project lengths are short and the materials set up very quickly so the treatments can often be applied in hours, requiring minimal impact on traffic as compared to a conventional pavement overlay project.



### CURRENT STATE OF THE PRACTICE

Shown in Figure 1, at least 39 states have applied HFST on at least one project site to date. Nine of the 39 states that have HFST installed have gone on to aggressively deploy use of HFST. Strides have been made also in the development of more versatile and accurate friction measurement equipment, which plays a part in the identification and documentation of problem sites, as well as in the documentation of friction improvement provided by HFST.

### SUPPORT AND AVAILABLE TOOLS

There are a variety of ongoing efforts to implement and evaluate HFST.

A few of the noted efforts include:

- The **Federal Highway Administration’s (FHWA) Office of Pavement Technologies and the Office of Technical Services – Resource Center** have installed and tested the friction improvements with various types of applications on surface characteristics and are now ready to share their findings via a series of reports that will be available next year. A number of case studies are documented at: <http://www.highfrictionroads.com/> as a part of this effort.
- Converting the results of the many projects into crash modification factors for these types of treatments is underway as part of the **FHWA’s Evaluation of Low-Cost Safety Improvements Pooled-Fund Study.**
- The Office of Safety has included HFST in their countermeasures recommended on curves when developing the **Roadway Departure Safety Implementation Plan in Roadway Departure Focus States.**

## Case Study: California Department of Transportation



**The California Department of Transportation Caltrans Roadway Departure Safety Plan in 2011 identified 179 locations and approximately 50 other locations where HFST has been or will be placed.**

California has placed 10 HFST applications to date. However, 50 additional applications are planned, including one at a high-speed, signalized intersection. The majority of the applications will be for the end of on-ramps and on the curves of two-lane roadways. Caltrans is moving forward with the projects as a result of information obtained from other states and information provided during webinars. Based on the information from webinars, Caltrans' specifications call for calcined bauxite only. Previously, Caltrans mainly used open-grade asphalt concrete (OGAC) to reduce wet pavement collisions along with grinding and grooving. However, OGAC could not be installed at locations where there were freezing temperatures. An additional benefit of HFST when compared with OGAC is the ability to install on any pavement surface without concern for cross drainage.



### **CASE STUDY – RTE. 105 SEPULVEDA BLVD ON-RAMP IN LOS ANGELES, CALIFORNIA. HFST INSTALLED IN FEBRUARY 2011**

The I-105 Sepulveda Blvd. on-ramp, a primary egress point from the Los Angeles Airport, was notoriously closed during rain events to prevent expected crashes. The average daily traffic is 31,000. Crashes occurred as a result of the tight curvature, the low friction, and aggressive driving by motorists. The closure of this highly utilized ramp resulted in numerous complaints to Caltrans. The latest five years of crash data showed that 68 of the 85 crashes were wet pavement crashes. Since Caltrans applied HFST to about 1,300 linear feet of the ramp, it has not been closed. The pre- and post-application friction values were 32 and approximately 60, respectively. Due to the volumes of crash data processed, post-application crash experience data is not available at this time.

*Every Day Counts (EDC), a State-based initiative of FHWA's Center for Accelerating Innovation, works with State, local and private sector partners to encourage the adoption of proven technologies and innovations aimed at shortening and enhancing project delivery.*

For more information go to: [www.fhwa.dot.gov/everydaycounts](http://www.fhwa.dot.gov/everydaycounts)



U.S. Department of Transportation Federal Highway Administration

## **KEY FACTS ABOUT CALIFORNIA AND NEVADA'S SURFACE TRANSPORTATION SYSTEM AND FEDERAL FUNDING**

### **May 2013**

The nation's roads and highways are the backbone of the U.S. transportation system, allowing Americans to travel approximately 3 trillion miles annually. But conditions on the system are deteriorating, as the need for transportation improvements far outpaces the amount of state and federal funding available. As Nevada and the nation look to rebound from the recent economic downturn, making needed improvements to roads, bridges and public transit could provide a significant boost to the state's economy by creating jobs and stimulating long-term economic growth as a result of enhanced mobility and access.

MAP-21 (the Moving Ahead for Progress in the 21st Century Act), the current long-range federal surface transportation program, was signed into law on July 6, 2012. The first long-term highway authorization enacted since 2005, MAP-21 funds surface transportation programs at over \$105 billion for fiscal years 2013 and 2014. The level of funding and the provisions of the federal surface transportation program have a significant impact on the state's highway and bridge conditions, roadway safety, transit service, quality of life and economic development opportunities.

#### ***Federal Funding for Our Nation's Surface Transportation System Generates Jobs; Making Needed Highway Improvements Assures Economic Recovery and Growth***

- Enhancing critical transportation assets will boost the economy in the short-term by creating jobs in construction and related fields. In the long-term these improvements will enhance economic competitiveness and improve the quality of life for the state's residents and visitors by reducing travel delays and transportation costs, improving access and mobility, improving safety, and stimulating sustained job growth.
- A Federal Highway Administration study concludes that for each \$1 billion of federal spending on highway construction nationwide nearly 28,000 jobs are generated annually, including approximately 9,500 in the construction sector, approximately 4,300 jobs in industries supporting the construction sector, and approximately 14,000 other jobs induced in non-construction related sectors of the economy.
- The Federal Highway Administration estimates that each dollar spent on road, highway and bridge improvements results in an average benefit of \$5.20 in the form of reduced vehicle maintenance costs, reduced delays, reduced fuel consumption, improved safety, reduced road and bridge maintenance costs and reduced emissions as a result of improved traffic flow.
- Seventy-eight percent of the \$53 billion worth of commodities delivered annually from sites in Nevada is transported by trucks on the state's highways. An additional 18 percent is delivered by parcel, U.S. Postal Service or courier, which use multiple modes, including highways.
- Sixty-seven percent of the \$1.3 trillion worth of commodities delivered annually from sites in California is transported by trucks on the state's highways. An additional 20 percent is delivered by parcel, U.S. Postal Service or courier, which use multiple modes, including highways.

#### ***Current Road and Bridge Conditions, Travel Trends and Traffic Congestion***

Americans rely almost exclusively on motor vehicles for mobility. Travel in private vehicles accounts for 88 percent of all person miles of travel. Air travel accounts for eight percent of all person miles of travel, while transit (including buses and trains) accounts for one percent.

Vehicle travel on America's highways increased by 37 percent from 1990 to 2010, while new road mileage increased by only four percent. The nation's population grew by 25 percent from 1990 to 2010.

Nevada	California
<ul style="list-style-type: none"> <li>Nineteen percent of Nevada’s roads are in poor or mediocre condition. Driving on roads in need of repair costs Nevada motorists \$538 million a year in extra vehicle repairs and operating costs – \$316 per motorist.</li> </ul>	<ul style="list-style-type: none"> <li>Sixty-one percent of California’s major roads are in poor or mediocre condition. Driving on roads in need of repair costs California motorists \$14.8 billion a year in extra vehicle repairs and operating costs – \$618 per motorist.</li> </ul>
<ul style="list-style-type: none"> <li>Fourteen percent of Nevada’s bridges are structurally deficient or functionally obsolete.</li> </ul>	<ul style="list-style-type: none"> <li>Twenty-nine percent of California’s bridges are structurally deficient or functionally obsolete.</li> </ul>
<ul style="list-style-type: none"> <li>Fifty-nine percent of Nevada’s major urban highways are congested. Traffic congestion costs American motorists \$121 billion a year in wasted time and fuel costs.</li> </ul>	<ul style="list-style-type: none"> <li>Sixty-eight percent of California’s major urban highways are congested. Traffic congestion costs American motorists \$121 billion a year in wasted time and fuel costs.</li> </ul>
<ul style="list-style-type: none"> <li>Vehicle travel on Nevada’s highways increased by 137 percent from 1990 to 2011. Nevada’s population grew by 130 percent between 1990 and 2012.</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle travel on California’s highways increased by 24 percent from 1990 to 2011. California’s population grew by 28 percent between 1990 and 2012.</li> </ul>

***Roadway Improvements Can Save Lives and Reduce Traffic Crashes***

Where appropriate, highway improvements such as removing or shielding obstacles, adding or improving medians, widening lanes and shoulders, upgrading roads from two lanes to four lanes, and improving road markings and traffic signals can reduce traffic fatalities and accidents and improve traffic flow to help relieve congestion.

According to a study conducted by the Federal Highway Administration, \$100 million spent on highway safety improvements will save 145 lives over a 10-year period.

Nevada	California
<ul style="list-style-type: none"> <li>Roadway conditions are a significant factor in approximately one-third of traffic fatalities. There were 246 traffic fatalities in 2011 in Nevada. A total of 1,443 people died on Nevada’s highways from 2007 through 2011.</li> </ul>	<ul style="list-style-type: none"> <li>Roadway conditions are a significant factor in approximately one-third of traffic fatalities. There were 2,791 traffic fatalities in 2011 in California. A total of 16,016 people died on California’s highways from 2007 through 2011.</li> </ul>
<ul style="list-style-type: none"> <li>Nevada’s traffic fatality rate of 1.02 fatalities per 100 million vehicle miles of travel is lower than the national average of 1.10.</li> </ul>	<ul style="list-style-type: none"> <li>California’s traffic fatality rate of 0.87 fatalities per 100 million vehicle miles of travel is lower than the national average of 1.10.</li> </ul>
<ul style="list-style-type: none"> <li>Motor vehicle crashes cost Nevada \$1.9 billion per year, \$938 for each resident, in medical costs, lost productivity, travel delays, workplace costs, insurance costs and legal costs.</li> </ul>	<ul style="list-style-type: none"> <li>Motor vehicle crashes cost California \$21 billion per year, \$610 for each resident, in medical costs, lost productivity, travel delays, workplace costs, insurance costs and legal costs.</li> </ul>

*Data from the U.S Census, the U.S. Department of Transportation, the Federal Highway Administration, the Bureau of Transportation Statistics, the National Highway Traffic Safety Administration and the Texas Transportation Institute was compiled and analyzed by TRIP, a nonprofit transportation research group based in Washington, D.C. Information is the latest available*

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**TRIP**  
**a national transportation research group**  
**[www.tripnet.org](http://www.tripnet.org)**

# RECENT TRANSPORTATION LEGISLATION

This information is provided expressly for educational purposes. The Western 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>)

### The 162nd 2013-2014 Session

#### New Laws Report 2010-2012

A list of all bills enacted in a calendar year during the Regular Session of the Legislature, unless otherwise noted.

To view the report go to: <http://www.leginfo.ca.gov/NewLaws.html>

## Legislation to Watch

### Assembly Bill 52

Assembly Member Gatto, introduced 12/21/12.

Last amended in the Senate 9/5/13 Status: 9/10/13 Joint Rule 61(a) suspended. The 2013 Legislative session has ended.

### Native Americans: California Environmental Quality Act.

The bill would specify that a project having a potential to cause a substantial adverse change in the significance of a tribal resource, as defined, to be a project that may have a significant effect on the environment. The bill would require a lead agency to make best efforts to avoid, preserve, and protect specified Native American resources. The bill would require the lead agency to undertake specified actions if a project may adversely affect tribal cultural resources. The bill would additionally define "unique archaeological resource" to include archaeological artifacts, objects, or sites, including those that are tribal cultural resources. The bill would require the office to revise the guidelines to include among the criteria for determining whether a proposed project has a significant effect on the environment to include the effects on tribal cultural resources, including sacred places. The bill would require the office to prepare and develop, and the secretary to certify and adopt, revisions to the guidelines relating to the identification and treatment of tribal cultural resources. By requiring the lead agency to consider these effects relative to Native Americans and to conduct additional consultations, this bill would impose a state-mandated local program.

## NEVADA LEGISLATION



(For more information, go to <http://www.leg.state.nv.us/Session/77th2013/Reports/>)

### The 77th 2013 Biennial Session

#### 77th (2013) Session: All Bills that Became Law

To visit the website go to: <http://www.leg.state.nv.us/Session/77th2013/Reports/AllBillsThatBecameLaw.cfm>

## FEDERAL LEGISLATION



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

### The 113th Session: January 2013-January 2015

Browse Public Laws 113th Congress (2013-2014) and prior congressional sessions go to:

<http://thomas.loc.gov/home/LegislativeData.php?&n=PublicLaws&c=113>





# 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)

## OCTOBER 2013

October 1-3  
**2013 Walking Summit**  
Marriott Renaissance  
Washington, DC  
For more information go to:  
<https://www.signup4.net/public/ap.aspx?EID=20133232E&TID=9pk7zkYgUCxbVaY4HapoSw%3d%3d>

October 2  
**Protecting Cultural Collections: Part 1: Prevention & Preparedness**  
Museum of Art and History  
Lancaster, CA  
For more information go to:  
<https://www.calmuseums.org/index.cfm?fuseaction=page.viewpage&pageid=781>

October 3-5  
**28th Annual California Indian Conference**  
California State University  
Sacramento, CA  
For more information go to:  
<http://www.californiaindianconference.org/>

October 9-11  
**Grant Writing and Administration**  
Flamingo Hotel and Casino  
Las Vegas, NV  
For more information go to:  
<http://www.nijc.org/pdfs/Training%20Flyers/GrantWritingFlyer-oct.pdf>

October 10-11  
**Shared-Use Mobility Summit**  
Hilton Financial District  
San Francisco, CA  
For more information go to:  
<http://www.sharedusesummit.org/>

October 16-17  
**GIS in Transit Conference**  
Keck Center of the National Academies  
Washington, DC

For more information go to:  
<http://transitgis.org/conference/2013-conferences/>

October 23-25  
**7th International Visualization in Transportation Symposium: Visualization for Big Data**  
Beckman Center  
Irvine, CA  
For more information go to:  
<http://www.trbvis.org/visualization-symposium>

October 28-November 1  
**2013 National Tribal Transportation Conference**  
Mystic Lake Casino/Hotel  
Prior Lake, MN  
For more information go to:  
<https://ttap2.mtu.edu/nttc2013/>

## NOVEMBER 2013

November 2-6  
**141st American Public Health Association Annual Meeting and Exposition**  
Boston Convention and Exhibition Center  
Boston, MA  
For more information go to:  
<http://www.apha.org/meetings/AnnualMeeting/>

November 4-5  
**California Tribal Safety Summit**  
Hyatt Regency  
Sacramento, CA  
For more information go to:  
<http://www.nijc.org/ttap.html>

November 4-7  
**Intertribal Council of Nevada (ITCN) 48th Annual Convention**  
Circus Circus Hotel & Casino  
Reno, NV  
For more information go to:  
<http://itcnccdf.org/sustaining-improving-our-tribal-communities/>

November 4-8  
**4th Annual National Tribal GIS Conference**  
Southwestern Indian Polytechnic Institute

Albuquerque, NM  
For more information go to:  
[http://www.tribalgis.com/index.php?option=com\\_content&view=featured&Itemid=40index.cfm?fuseaction=page.viewpage&pageid=781](http://www.tribalgis.com/index.php?option=com_content&view=featured&Itemid=40index.cfm?fuseaction=page.viewpage&pageid=781)

November 6  
**Protecting Cultural Collections: Part 2: Response & Recovery**  
Museum of Art and History  
Lancaster, CA  
For more information go to:  
<https://www.calmuseums.org/>

November 13  
**Protecting Cultural Collections: Part 2: Response & Recovery**  
Petaluma Historical Museum  
Petaluma, CA  
For more information go to:  
<http://www.sonomacountyhistory.org/2013/06/free-training-protecting-cultural-collections/>

## DECEMBER 2013

December 3-5  
**2013 Intertribal Association (ITA) Annual Meeting**  
**Wild Horse Pass Hotel & Casino**  
Phoenix, AZ  
For more information go to:  
[http://www.ttap.mtu.edu/announcement/2013/2013\\_ITA\\_Annual\\_Mtg\\_flyer\\_3\\_\(9-20-13\).pdf](http://www.ttap.mtu.edu/announcement/2013/2013_ITA_Annual_Mtg_flyer_3_(9-20-13).pdf)

## JANUARY 2014

January 12-16  
**Transportation Research Board (TRB) 93rd Annual Meeting**  
Washington Marriott Wardman Park, Omni Shoreham, and Washington Hilton hotels  
Washington, DC  
For more information go to:  
<http://www.trb.org/AnnualMeeting2014/AnnualMeeting2014.aspx>

# 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://flh.fhwa.dot.gov/>

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/about/region9.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)

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 566 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 Department of Transportation Division of Local Assistance

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

## California LTAP

3000 State University Drive East, Napa Hall  
Sacramento, CA. 95819  
Contact: Michelle Gianini  
Phone: (916) 278-6174, E-mail: [gianinim@csus.edu](mailto:gianinim@csus.edu)

## NEVADA



## Nevada Department of Transportation

1263 South Stewart Street  
Carson City, NV 89712  
(775) 888-7000  
<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.

## Inter-Tribal Council of Nevada

680 Greenbrae Dr., Suite 280  
Sparks, Nevada 89431  
Phone: (775) 355-0600 Fax: (775) 355-0648  
<http://www.itcn.org/ITCN%20Home.html>

## Nevada Indian Commission

5366 Snyder Avenue  
Carson City, NV 89701  
(775) 687-8333 Fax: (775) 687-8330  
<http://www.nic.nv.gov>

## Nevada LTAP

### TMCC Meadowood Campus

5270 Neil Road, Room 302  
Reno, NV 89502  
Program Director: Jim Nichols  
Phone: (775) 829-9022  
E-mail: [jnichols@tmcc.edu](mailto:jnichols@tmcc.edu)  
Program Manager: Mindy Gonzalez  
Phone: (775) 829-9046  
E-mail: [mgonzalez@tmcc.edu](mailto:mgonzalez@tmcc.edu)

# TRIBAL TRANSPORTATION RESOURCES

## CALIFORNIA

**California Department of Transportation (Caltrans) Native American Liaison Branch**  
<http://dot.ca.gov/hq/tpp/offices/ocp/nalb/>

**California Department of Transportation: Division of Mass Transportation**  
<http://www.dot.ca.gov/hq/MassTrans/>

**California Bay Delta Authority**  
<http://www.calwater.ca.gov/calfed/Tribal.html>

**California Environmental Protection Agency**  
<http://www.calepa.ca.gov/>

**California Rural Transit Assistance Program (RTAP)**  
California Association for Coordinated Transportation (CalAct) is under contract to Caltrans to implement RTAP in California .  
<http://www.calact.org/doc.aspx?13>

## NEVADA

**Nevada Department of Transportation (NDOT) Local Governmental Liaison**  
<http://www.nevadadot.com/>

**Southern Nevada Regional Transportation Commission**  
<http://www.rtcsonthernnevada.com/>

**Regional Transportation Commission (RTC) of Washoe County, Nevada.**  
<http://www.rtcwashoe.com/home>

## 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/about/region9.html>

**National Rural Transit Assistance Program (RTAP)**  
The program operates today under a cooperative agreement between the Federal Transit Administration and the Neponset Valley Transportation Management Association. Our overarching mission is to address the needs of rural, small urban and tribal transit operators across the nation .  
<http://www.nationalrtap.org/Home.aspx>

**Office of Federal Lands Highway**  
<http://flh.fhwa.dot.gov/>

**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>

## 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 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/>

# TRIBAL TRANSPORTATION RESOURCES

## **TribalGIS.com**

Is a 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-Podcasts**

An Audio Newsletter

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

To listen go to the news section at:

<http://www.ltap.org/podcasts/>

## **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/>

## **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 DOT FHWA Roadside Vegetation Management**

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

<http://www.environment.fhwa.dot.gov/ecosystems/vegmgmt.asp>

### **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>

## **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/#!documentDetail;D=NHTSA-2008-0060-0605;oldLink=false>

### **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>

### **California Climate Change Portal**

<http://www.climatechange.ca.gov/state/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**

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/)

# TRIBAL TRANSPORTATION RESOURCES

## RESOURCES (Continued)

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

Promoting Geosynthetics Use on Federal Lands Highway Projects

To view the study go to:

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

## 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 proactively 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/>

### **Interactive Highway Safety Design Model –2011 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/)

### **FHWA Office of Safety**

Local and Rural Road Safety Program

The FHWA Local and Rural Safety Program provides na-

tional leadership in identifying, developing, and delivering safety programs and products to local and officials and governments to improve highway safety on local and rural roads.

To visit the site go to:

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

### **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/fhwas09019/](http://safety.fhwa.dot.gov/local_rural/training/fhwas09019/)

### **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/fhwas09024/](http://safety.fhwa.dot.gov/local_rural/training/fhwas09024/)

### **Intersection Safety Resources**

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)

# TRIBAL TRANSPORTATION RESOURCES

## 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/>

## Roundabout Outreach and Education Toolbox

This Toolbox is designed to be a highly useable, online reference that connects transportation professionals with outreach resources from across the country to help them obtain public support for roundabouts.

To utilize the tool box go to:

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

## 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/)

## Proven Safety Countermeasures—2012

New website from the Office of Safety

To visit the website go to:

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

## Resources: Crash Modification Factors in Practice

To visit the website go to:

<http://safety.fhwa.dot.gov/tools/crf/resources/cmfs/index.cfm>

## 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/>

## MinimumReflectivity.org

Guidance for Improving Roadway Safety:

Understanding Minimum Reflectivity Standards go to:

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

## 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

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/>

# TRIBAL TRANSPORTATION RESOURCES

## SAFETY RESOURCES (Continued)

### 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/Planning/LocalPrograms/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.

### Safe Routes to School Local Policy Guide

An additional effort to bring public health considerations into the development of transportation policies and practices.

To view the guide go to:

[http://www.saferoutespartnership.org/media/file/Local\\_Policy\\_Guide\\_2011.pdf](http://www.saferoutespartnership.org/media/file/Local_Policy_Guide_2011.pdf)

### The California Safe Routes to School Technical Assistance Resource Center (TARC)

Assists local communities with creating Safe Routes to School

(SRTS) programs by providing trainings, technical assistance, and resources to implement safe and successful SRTS strategies throughout California.

To visit the website go to:

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

### Department of Labor-OSHA

OSHA Construction Focus Four Hazards Training materials

For more information go to:

[http://www.osha.gov/dte/outreach/construction/focus\\_four/index.html](http://www.osha.gov/dte/outreach/construction/focus_four/index.html)

### FHWA

Roadway Safety Noteworthy Practices Database

To visit the website go to:

<http://rspcb.safety.fhwa.dot.gov/noteworthy/>

### LTAP/TTAP Safety Toolkit

National LTAP/TTAP

To visit the website go to:

<http://www.ltap.org/resources/safety/>

### University of Minnesota Center for Transportation Studies

"Distraction Dodger" Game

Distraction Dodger is an online game designed to help teens and young adults understand the importance of concentrating on driving.

To view the game go to:

<http://www.its.umn.edu/DistractionDodger/>

### National Highway Traffic Safety Administration (NHTSA)

Emergency Medical Services

To reduce death and disability by providing leadership and coordination to the EMS community in assessing, planning, developing, and promoting comprehensive, evidence-based emergency medical services and 9-1-1 systems.

To visit the website go to:

<http://www.ems.gov/index.htm>

Everyone is a Pedestrian

A one-stop shop website safety tips and resources for local leaders, city planners, parents and others involved in improving pedestrian safety.

To visit the website go to:

<http://www.nhtsa.gov/nhtsa/everyoneisapedestrian/index.html>

### FHWA

Pedestrian Safety Guide and Countermeasure Selection System (Pedsafe)

An online toolbox that communities can use to improve



# TRIBAL TRANSPORTATION RESOURCES

pedestrian safety in their area.

To visit the website go to:

<http://www.pedbikesafe.org/PEDSAFE/index.cfm>

## Federal Government

Data.gov - Empowering People

Data.gov increases the ability of the public to easily find, download, and use datasets that are generated and held by the Federal Government.

To visit the website go to:

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

## High Friction Roads

The Transtec Group is a pavement engineering firm Surface Enhancements At Horizontal Curves (SEAHC)

To visit the website go to:

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

## 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>

### FHWA-Tribal Transportation Planning

Delivers products and services that provide information, training, and technical assistance to the transportation professionals responsible for planning for the capital, operating, and maintenance needs on Tribal lands.

To visit the website go to:

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

### FHWA-Transportation Planning Capacity Building (TPCB) Tribal Planning Resources

Offers transportation planning professionals legislative, regulatory, and general guidance; technical resources; and relevant links related to Tribal planning issues.

To visit the website go to:

[http://www.planning.dot.gov/focus\\_tribal.asp](http://www.planning.dot.gov/focus_tribal.asp)

## MORE TRANSPORTATION RESOURCES

### U.S. DOT

U.S. Research and Innovative Technology Administration (RITA)

Research Program and Project Management Website

To visit the website go to:

<http://www.transportationresearch.gov/rppm/default.aspx>

### 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)

### 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/>

### 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/>

### FHWA Soil Nail Analysis Program (SNAP) & Users Manual- Geotechnical.

FHWA-CFL/TD-10-004

A program for designing soil nail earth retaining structures, including both the nail and wall-facing elements of the structure.

To download the program go to:

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

### FHWA-Bureau of Indian Affairs (BIA)

Indian Reservation Roads Program: Stewardship Plan

To view the plan go to:

<http://www.ewu.edu/Documents/CBPA/NWTTAP/StewardshipPlan.pdf>

### FHWA In Cooperation with the Federal Transit Administration (FTA)

Planning for Transportation in Rural Areas

To view the guide go to:

[http://www.ewu.edu/Documents/CBPA/NWTTAP/RuralGuidebookfinal\\_7\\_10\\_01.pdf](http://www.ewu.edu/Documents/CBPA/NWTTAP/RuralGuidebookfinal_7_10_01.pdf)

# TRIBAL TRANSPORTATION RESOURCES

## MORE TRANSPORTATION RESOURCES (Continued)

[category=develop](#)

### **FHWA**

Office of Planning, Environment, & Realty (HEP)  
Livable Communities

To visit the website go to:

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

### **FHWA**

The Federal-aid Highway Program Policy & Guidance Center

The PGC provides a central location of laws, policies, and guidance about the *Federal-Aid Highway Program* (FAHP)

To visit the website go to:

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

### **FHWA**

INVEST (Infrastructure Voluntary Evaluation Sustainability Tool) was developed by FHWA as a practical, web-based, collection of voluntary best practices, called criteria, designed to help transportation agencies integrate sustainability into their programs (policies, processes, procedures and practices) and projects .

To visit the website go to:

<https://www.sustainablehighways.org/>

### **FHWA**

Tribal Transportation Planning

To visit the website go to:

[http://www.planning.dot.gov/focus\\_tribal.asp](http://www.planning.dot.gov/focus_tribal.asp)

### **FHWA**

**Federal-aid Essentials for Local Public Agencies**

To visit the homepage go to:

<http://www.fhwa.dot.gov/federal-aidessentials/>

Civil Rights; Title VI/Nondiscrimination 12 videos

<http://www.fhwa.dot.gov/federal-aidessentials/catmod.cfm?category=civilrig>

Finance: Administrative Requirements 9 videos

<http://www.fhwa.dot.gov/federal-aidessentials/catmod.cfm?category=finance>

Environment: NEPA Regulatory Framework and Process 17 videos

<http://www.fhwa.dot.gov/federal-aidessentials/catmod.cfm?category=environm>

Right-Of-Way 6 videos

<http://www.fhwa.dot.gov/federal-aidessentials/catmod.cfm?category=rightofw>

Project Development: Required Approvals 15 videos

<http://www.fhwa.dot.gov/federal-aidessentials/catmod.cfm?category=develop>

Project Construction and Contract Administration: Safety and Operations 14 Videos

<http://www.fhwa.dot.gov/federal-aidessentials/catmod.cfm?category=construc>

### **FHWA**

Asset Management

The mission of the Asset Management team is to provide leadership and expertise in the systematic management of highway infrastructure assets.

To visit the website go to:

<http://www.fhwa.dot.gov/asset/about.cfm>

2013 Transportation Asset Management Peer Exchange Moving Ahead for Progress in the 21st Century Act (MAP-21) Transportation Asset Management Plan (TAMP) requirements.

To view the report go to:

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

### **Strategic Highway Research Program (SHRP 2)**

Non-destructive Testing (NDT) Toolbox

Web-Based electronic repository now available.

To visit the site go to:

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

### **Rural Transit 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 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.vtppi.org/tca/>

### **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:

# TRIBAL TRANSPORTATION RESOURCES

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

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

The Research and Innovative Technology Administration (RITA) coordinates the U.S. Department of Transportation's (DOT) research programs and is charged with advancing the deployment of cross-cutting technologies to improve our Nation's transportation system. Within the Office of RD&T, the University Transportation Centers (UTC) program funds transportation research at 136 colleges and universities and provides the education and training needed to advance the nation's transportation system.

To view the UTC website go to:

<http://www.rita.dot.gov/utc/>

## **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.wti.montana.edu/>

## **ArcGIS Online—Map Services**

ArcGIS Online base maps 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 base maps in your commercial-use web applications.

Base maps included in this new business model are World Imagery Map, World Street Map, World Topographic Map, USA Topographic Maps, and DeLorme World Base map.

To visit the website go to:

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

## **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.

Top visit the web site go to:

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

## **Rural Transit Assistance Program (RTAP)- Procurement Pro**

Designed to give Indian tribes, non-profit organizations, municipalities and transportation agencies the appropriate federal clauses and certifications regarding federal procurement requirements and processes when utilizing fed-

eral funds.

To visit the website go to:

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

## **Bicyclinginfo.org**

Pedestrian and Bicycle Information Center

Provides resources and information to promote bike to work events and bike commuting.

To visit the website go to:

<http://www.bicyclinginfo.org/index.cfm>

**Traffic Sign Retroreflectivity Maintenance Program** This resource publication/package was developed to assist Ohio local agencies in their efforts to meet the national January 2012 compliance date for implementing a program that can regularly address the new sign retroreflectivity maintenance requirements.

To download the program go to:

<http://www.dot.state.oh.us/Divisions/Planning/>

[LocalPrograms/LTAP/Pages/](http://www.dot.state.oh.us/Divisions/Planning/LocalPrograms/LTAP/Pages/)

[ImplementingaTrafficSignRetroreflectivityMaintenanceProgram.aspx](http://www.dot.state.oh.us/Divisions/Planning/LocalPrograms/LTAP/Pages/ImplementingaTrafficSignRetroreflectivityMaintenanceProgram.aspx)

## **Indian Land Tenure Foundation (ILTF)**

A national, community-based organization focused on American Indian land recovery and management.

To visit the website go to:

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

## **Coordinated Technology Implementation Program (CTIP).**

Roadside Revegetation Portal-An Integrated Approach to Establishing Native Plants

To visit the website go to:

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

## **Interactive Map for Supplemental Transportation Programs**

Beverly Foundation's Interactive Map of 1038 Supplemental Transportation Programs (STP), community-based organizations providing transportation.

To visit the website go to:

<http://beverlyfoundation.org/map-of-stps-in-america/>

## **One Call - One Click Transportation Services Toolkit**

Community Transportation Association of America (CTTA)

Provides information for communities interested in working together-whether locally, regionally or statewide-to develop a one-call or one-click service for transportation.

To visit the website go to:

[http://web1.ctaa.org/webmodules/webarticles/](http://web1.ctaa.org/webmodules/webarticles/anmviewer.asp?a=2428&z=101)

[anmviewer.asp?a=2428&z=101](http://web1.ctaa.org/webmodules/webarticles/anmviewer.asp?a=2428&z=101)

## **AASHTO Systems Operations & Management Guidance**

An online tool that uses self-evaluation and best practice

# TRIBAL TRANSPORTATION RESOURCES

## MORE TRANSPORTATION RESOURCES (continued)

experience that managers can use to identify key program, process and institutional preconditions to achieve more effective SO&M.

To visit the website go to:

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

### Small Urban and Rural Transit Center (SURTC)

The purpose is to increase the mobility of small urban and rural residents through improved public transportation.

To visit the site go to:

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

### United States Transportation Facts and Figures

Find state-by-state transportation facts, comparisons and rankings.

To visit the website go to:

<http://gis.rita.dot.gov/StateFacts/>

### Transportation for Communities - Advancing Projects Through Partnerships (TCAPP)

The CAPP website provides a systematic approach for reaching collaborative decisions about adding highway capacity that enhance the environment, the economy, and the community and improve transportation.

To visit the website go to:

<http://transportationforcommunities.com/>

### CalTrans Earth

GIS interface as a resource for public use.

To visit the website go to:

<http://earth.dot.ca.gov/>

### California Department of Public Health (CDPH)

California Environmental Health Tracking Program (CEHTP)

To visit the website go to:

[http://www.ehib.org/project.jsp?project\\_key=EHSS01](http://www.ehib.org/project.jsp?project_key=EHSS01)

### National Transportation Consortium (NTC)

The NTC is a non-profit corporation created for one purpose: provide tribal governments and their enterprises a better method for buying buses and transportation services.

To visit the website go to:

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

### FHWA

National Transportation Atlas Databases 2013

To visit the website go to:

[http://www.rita.dot.gov/bts/sites/rita.dot.gov/bts/files/publications/national\\_transportation\\_atlas\\_database/2013/liner.html](http://www.rita.dot.gov/bts/sites/rita.dot.gov/bts/files/publications/national_transportation_atlas_database/2013/liner.html)

### FTA

National Transit Data Base

To visit the website go to:

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

## MAP—21

### FHWA

Federal Highway Administration website: Moving Ahead for Progress in the 21st Century

To visit the site go to:

<http://www.fhwa.dot.gov/map21/>

### FTA

Federal Transit Administration website: Moving Ahead for Progress in the 21st Century

To visit the site go to:

<http://www.fta.dot.gov/map21/>

### California DOT (CalTrans)

Enhanced National Highway System

As per the new federal authorization MAP-21, starting October 1, 2012 the existing National Highway System (NHS) has been expanded to include all Principal Arterials (i.e. Functional Classifications 1,2 and 3) to the new Enhanced NHS.

To visit the website go to:

<http://dot.ca.gov/hq/tsip/hseb/map21nhs.html>

## WEBSITE APPLICATIONS—APPS

### Heat Safety Tool App

U.S. Department of Labor (DOL), Occupational Safety and Health Administration (OSHA)

The App allows workers and supervisors to calculate the heat index for their worksite.

To download the app go to:

[https://www.osha.gov/SLTC/heatillness/heat\\_index/heat\\_app.html](https://www.osha.gov/SLTC/heatillness/heat_index/heat_app.html)

### Transportation Construction Advocate App

American Road & Transportation Builders Association (ARTBA)

Available for both Android and Apple devices.

To download the app go to:

[Google Play](#) or [iTunes](#).

### Asphalt Calculator+ App

This iPhone/iPod Touch app will calculate the amount of cubic yards needed for a given job. It will also calculate hot mix tonnage. Polyclef Software.

To download the app go to:

[Google Play](#) or [iTunes](#).

# TRIBAL TRANSPORTATION RESOURCES

## 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://www.scribd.com/doc/63745094/Culvert-Technologies-List>

Pavement Construction and Safety Training on Demand  
New free Web-based courses sponsored by the Federal Highway Administration (FHWA)

To view the courses go to:

<http://www.fhwa.dot.gov/publications/focus/13jul/13jul02.cfm>

### National Highway Institute (NHI)

NHI Training In Action 2013-Magazine

Improving the Performance of Transportation Through Training.

To View the magazine go to:

[http://www.nhi.fhwa.dot.gov/downloads/other/training\\_in\\_action\\_2013.pdf](http://www.nhi.fhwa.dot.gov/downloads/other/training_in_action_2013.pdf)

### National Highway Institute (NHI) - 2013

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

- **NEW 2013**-Introduction to NEPA and Transportation Decision-making (WBT) course 142052
- **NEW 2013**-Outdoor Advertising Control: Non-Bonus States (WBT) course 141049
- **NEW 2013**-Outdoor Advertising Control: Bonus States (WBT) course 141048
- **NEW 2013**- Geotechnical Aspects of Pavements Course 132040
- **NEW 2013**-Principles of Evacuation Planning Tutorial Course 133107

- **New 2013**-Geotechnical Aspects of Pavements Course 132040
- **New 2013**-TCCC Earthworks Series: Excavation Course 132092
- **New 2013**-TCCC Earthworks Series: Fill Placement Course 132093

To view the entire list of available courses go to:

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

### National Highway Institute (NHI) - 2013-2014

Transportation Asset Management (TAM) Courses. Moving Ahead for Progress in the 21st Century Act (MAP-21) mandates that all STATES must have asset management plans in place by 2015.

- 131106 Introduction to Transportation Asset Management
- 131106A Introduction to Transportation Asset Management with Workshop
- 131106B Development of a Transportation Asset Management Plan
- 131106C Introduction to the Development of a Transportation Asset Management Plan

To View the course details go to the NHI website:

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

### 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:

# TRIBAL TRANSPORTATION RESOURCES

## TRANSPORTATION PROGRAMS AND DEVELOPMENT (Continued)

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

### Paul S. Sarbanes Transit in Parks Technical Assistance Center (TRIPTAC)

The TRIPTAC is available to *all* Federal Land Management Agencies (FLMAs), not only those applying for or receiving funds from the Transit in Parks program. State, local or tribal governments who are working in collaboration with an FLMA to expand public lands access are also welcome to use TRIPTAC services to obtain alternative transportation information and assistance.

To view available training courses go to:

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

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

Technology Transfer Program

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>

### U.S. Small Business Administration (SBA)

Online Courses for Starting Your Business

Several **free** online courses are offered by the SBA to help prospective and existing entrepreneurs understand the basics about writing a business plan.

For more information go to:

<http://www.sba.gov/content/online-courses-starting-your-business>

### Community Transportation Association of America (CTAA)

Passenger Service and Safety PASS Basic Training Program  
The PASS Basic program consists of 6 modules and includes comprehensive training on the assistance that drivers should be providing to passengers with special need.

For more information go to:

<http://training.ctaa.org/>

### Community Transportation Safety and Security Accreditation (CTSSA)

The program is designed to promote the safety and security

of the customers of community and public transportation systems and also to promote the safety and security of the women and men who deliver these services and provide mobility for the riding public every day.

For more information go to:

<http://web1.ctaa.org/webmodules/webarticles/anmviewer.asp?a=32&z=36>

### Minnesota Local Technical Assistance Program (LTAP)

Gravel Road Maintenance and Design (Online)

This course helps supervisory personnel and operators better understand the materials, techniques, and equipment needed for maintaining gravel roads.

To enroll in the course go to:

<http://www.mnltap.umn.edu/training/topic/maintenance/gravel/online.html>

### Curbing Transit Employee Distracted Driving

The 30-minute course, was developed by FTA in conjunction with the Florida Department of Transportation It's an excellent tool to educate, inform, and increase awareness among all transit workers about the dangers and challenges associated with distracted driving.

For more information go to:

[http://www.fta.dot.gov/newsroom/12910\\_14467.html](http://www.fta.dot.gov/newsroom/12910_14467.html)

### Work-Zone Safety Tutorial

Minnesota LTAP has launched a new online free tutorial that offers a convenient opportunity for new, seasonal, or temporary staff to learn about the fundamentals of work-zone safety and the basic concepts of the work-zone area before arriving at the job site.

There is no cost to take the tutorial, and registration is not required.

To view the tutorial go to:

<http://www.mnltap.umn.edu/training/web/workzone/>

## 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)

# TRIBAL TRANSPORTATION RESOURCES

**Programs at Reducing Incidences of Distracted Driving**  
Southwest University Transportation Center at Texas A&M University

**Stormwater Pollution, Erosion, and Sediment Control Products Demonstration and Training Center**  
Illinois Center for Transportation at the University of Illinois

**Planning Transportation Projects for Better Environmental Outcomes: A New Institutional Framework and Tools Makes it Easier**  
Second Strategic Highway Research Program (SHRP 2)

**Development of Biological Agents for Invasive Species Control**  
Maryland State Highway Administration (MSHWA)

**Worker Safety in Very Short Duration Work Zone Operations: State of Practice and Risk Management Process**  
Center for Transportation Research at the University of Texas-Austin

**Post Impact Trajectory of Vehicles at Rural Intersections**  
Centre for Automotive Safety Research at the University of Adelaide

**A Guidebook for Successful Communication, Cooperation, and Coordination Strategies Between Transportation Agencies and Tribal Communities**  
National Cooperative Highway Research Program (NCHRP) Report 690

**Use of Electronic Passenger Information Signage in Transit**  
Transit Cooperative Research Program (TCRP) Synthesis 104

**Early Estimate of Motor Vehicle Traffic Fatalities in 2012**  
U.S. DOT-National Highway Traffic Safety Administration (NHTSA)

**A Web-Based Pavement Performance and Maintenance Management and GIS Mapping System for Easy Access to Pavement Condition Information: Final Report**  
Center for Transportation Research at the University of Texas at Austin

**Unpaved Road Chemical Treatments, State of the Practice Survey**  
Central Federal Lands Highway Division

**Unpaved Road Dust Management, A Successful Practitioner's Handbook.**  
Central Federal Lands Highway Division

**A Toolkit for Accelerated Bridge Construction**  
Second Strategic Highway Research Program (SHRP 2)  
**Use of Market Research Panels in Transit**  
Transit Cooperative Research Program (TCRP) Synthesis 105

**Injury Vulnerability and Effectiveness of Occupant Protection Technologies for Older Occupants and Women**  
U.S. DOT-National Highway Traffic Safety Administration (NHTSA)

**Smart Pavement Monitoring System**  
U.S. DOT-Federal Highway Administration (FHWA)

**Landslides: Investigation and Mitigation**  
TRB Special Report 247 SR247S

**Performance Specifications for Rapid Highway Renewal**  
Second Strategic Highway Research Program (SHRP 2) Renewal Project R07

**Glossary of Transportation Construction Quality Assurance Terms: Sixth Edition**  
Transportation Research Circular E-C173

**Review of Federal-Aid Highways: States' Use of Life-Cycle Cost Analysis in Pavement Selection**  
U.S. Government Accountability (GAO) GAO-13-544

**Fatigue Testing of Wood-Concrete Composite Beams**  
Mountain-Plains Consortium, North Dakota State University, Fargo

**Rural Young Drivers**  
Parliamentary Advisory Council for Transport Safety , U.K

**Understanding How Individuals Make Travel and Location Decisions: Implications for Public Transportation**  
Transit Cooperative Research Program (TCRP)

**Potential Impacts of Federal Health Care Reform on Public Transit**  
National Cooperative Highway Research Program (NCHRP) Research Results Digest 383

**Our Built and Natural Environments: A Technical Review of the Interactions Between Land Use, Transportation, and Environmental Quality (2nd Edition)**  
Environmental Protection Agency (EPA)

**Crashes Involving Cell Phones 7/11/2013: Challenges of**

# TRIBAL TRANSPORTATION RESOURCES

## PUBLICATIONS (Continued)

**Collecting and Reporting Reliable Crash Data**  
The National Safety Council

**Allergy Meds Could Affect Your Driving**  
U. S. Food and Drug Administration (FDA)

**Contractual Means of Achieving High-level Performance in Transit Contracts**  
Transit Cooperative Research Program (TCRP) Legal Research Digest 43

**Guidelines for Road Maintenance Levels**  
U.S. Department of Agriculture (USDA) -Forest Service

**Development of a Speeding-Related Crash Typology**  
U.S.DOT-Federal Highway Administration (FHWA)

**Improved Mix Design, Evaluation, and Materials Management Practices for Hot Mix Asphalt with High Reclaimed Asphalt Pavement Content**  
National Cooperative Highway Research Program (NCHRP) Report 752

**Evaluation of Alternative Snowplowable Markers and Snowplowing Procedures**  
University of Kentucky Transportation Center

**Evaluation of Wet-Nighttime Delineation**  
University of Kentucky Transportation Center

**Road Accident Investigation Guidelines for Road Engineers**  
World Road Association 2013R07EN

**Legal Aspects of Performance Based Specifications for Highway Construction and Maintenance Contracts**  
National Cooperative Highway Research Program (NCHRP) Legal Research Digest 61

**Evaluation of Mitigation for Safety Concerns on Low-Volume, Unpaved Rural Roads**  
Institute for Transportation at Iowa State University

**Driver and Pedestrian Guide to Sharing the Road Safely: Pocket Guide**  
Easter Seals Project ACTION (ESPA)

**School Transportation; Operator Education and Regulation; and Traffic Law Enforcement 2013**  
Journal of the Transportation Research Board, No. 2327

**A Pilot Study on Mitigating Run-Off-Road Crashes**  
Center for Transportation Strategies at the University of Minnesota

**2012 Rural/Urban Comparison Traffic Safety Fact Sheet**  
U.S. DOT-National Highway Traffic Safety Administration (NHTSA)

**Rural Transit Fact Book 2013**  
Upper Great Plains Transportation Institute at North Dakota State University

**Rockfall: Characterization and Control**  
Transportation Research Board (TRB)

**Transit Capacity and Quality of Service Manual, Third Edition**  
Transit Cooperative Highway Research Program (TCRP) Report 165

**Countermeasures to Address Impaired Driving Offenders**  
Transportation Research Circular E-C174

**Effect of the Implementation of the Fluvial Performance Standard on Maintenance of Bridges and Culverts**  
Oregon State Department of Transportation

**Performance of Recycled Asphalt Shingles in Hot Mix Asphalt**  
Institute for Transportation at the Iowa State University

**Forecasting Highway Construction Staffing Requirements**  
National Cooperative Highway Research Program (NCHRP) Synthesis 450

**Performance of Chip Seals Using Local and Minimally Processed Aggregates for Preservation of Low Traffic Volume Roadways**  
Colorado Department of Transportation

**Strategic Directions on Roadway Departure Crashes**  
Transportation Research Circular E-C175

**An Ecological Approach to Integrating Conservation and Highway Planning, Volume 1**  
Strategic Highway Research Program (SHRP 2) Capacity Project C06

**Guide to the Integrated Ecological Framework**  
Strategic Highway Research Program (SHRP 2) Capacity Project C06

**Early Estimate of Motor Vehicle Traffic Fatalities for the First Quarter of 2013**  
National Highway Traffic Safety Administration (NHTSA)



# TRIBAL TRANSPORTATION RESOURCES

## TRANSPORTATION NEWSLETTERS



### **NACE News—Monthly Newsletter**

National Association of County Engineers

To view the newsletter go to:

<http://www.countyengineers.org/news/Newsletters/Forms/AllItems.aspx>

### **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/anviewer.asp?a=345&z=80>

### **Nevada Department of Transportation**

Nevada Research and Technology Review

Quarterly Newsletter

To view the newsletter go to:

[http://www.nevadadot.com/About\\_NDOT/NDOT\\_Divisions/Planning/Research/Newsletters.aspx](http://www.nevadadot.com/About_NDOT/NDOT_Divisions/Planning/Research/Newsletters.aspx)

### **FHWA**

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.tfhr.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/past.cfm>

### **FHWA**

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/>

### **FHWA**

Pedestrian Forum Newsletter

Safe Pedestrians and a Walkable America

To view the newsletter go to:

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

### **FHWA**

Innovator

Accelerating Innovation for the American Driving Experience

To view current and past issues go to:

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

### **FHWA**

Quarterly Research Newsletter

Office of Planning, Environment and Realty's (HEP)

To view this issue and future issues go to:

[http://www.fhwa.dot.gov/hep/map-21\\_research/newsletter/may\\_2013/](http://www.fhwa.dot.gov/hep/map-21_research/newsletter/may_2013/)

### **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/anviewer.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/newslet.html>

### **California Department of Transportation (Caltrans)**

California Transportation Journal

To view current and past issues go to:

<http://www.dot.ca.gov/newscenter.html>

### **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/Resources/ResourceSearchResults.aspx?org=a2GSpnDbrul=&query=e-news>

### **National Indian Land Tenure Foundation (NITF)**

Message Runner

# TRIBAL TRANSPORTATION RESOURCES

## NEWSLETTERS (Continued)

An educational publication that addresses specific topics related to Indian land tenure.

To view the newsletter go to:

<http://www.iltf.org/resources/publications>

### **American Public Health Association (APHA)**

E-Newsletter

Key issues affecting public health.

To reregister to receive this newsletter go to:

<http://action.apha.org/site/PageNavigator/eNewsletters>

### **APWA Reporter**

American Public Works Association (APWA)

To view the newsletters go to:

<http://www.apwa.net/resources/reporter/>

### **Better Roads**

Better Roads serves the information needs of construction contractors and government agencies.

To view the newsletters go to:

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

### **IIHS Status Report**

Insurance Institute for Highway Safety (IIHS)

Covers research and topics in the highway safety field.

To view the newsletters go to:

<http://www.iihs.org/sr/default.aspx>

### **Rural Safety News**

University of Minnesota

Center for Excellence in Rural Safety (CERS)

To view the newsletters go to:

<http://www.ruralsafety.umn.edu/publications/ruralsafetynews/archive/>

### **Transit Lane Brief**

Small Urban and Rural Transit Center (SURTC)

To View the newsletters go to:

<http://www.surtc.org/newsletter/>

### **Berkeley Transportation Letter**

University of California, Berkeley, Institute of Transportation Studies

To view the newsletter go to:

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

## 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 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:

# TRIBAL TRANSPORTATION RESOURCES

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

## **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/>

## **FHWA Research and Technology**

Long-Term Pavement Performance (LTPP) Program  
The Long-Term Pavement Performance (LTPP) program makes the world's largest pavement performance database available annually to the public in Microsoft Access® format and available on thumb drive or DVD-ROM. The Standard Data Release (SDR) may be obtained through LTPP Customer Support Services at: E-mail: [ltppinfo@dot.gov](mailto:ltppinfo@dot.gov)  
Telephone: 202-493-3035, Fax: 202-493-3161

For more information go to:

<http://www.fhwa.dot.gov/research/tfhrc/programs/infrastructure/pavements/ltpp/getdata.cfm>

## **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>

## **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.)

## **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/>

## **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 communities can incorporate into roadway safety projects on tribal lands.

Roadway Safety Foundation

Please contact us at 202-857-1228 or

[info@roadwaysafety.org](mailto: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)

## **Every Day Counts Course for Locals**

Ohio Department of Transportation (ODOT)

For more information go to:

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

## **Rural Road Crashes – They're Preventable**

Iowa Department of Transportation

To view the DVD or obtain a copy go to:

<http://www.iowadot.gov/mvd/ods/RuralRoadCrashes.html#>

## **One Design—10,000 Bridges**

Thousands of bridges across America must be replaced. A new tool kit for designing and constructing bridges brings home the benefits of accelerated bridge construction techniques so local contractors can use typical equipment to build bridges quickly and efficiently. Developed through the second Strategic Highway Research Program, a division of the Transportation Research Board, the tool kit was demonstrated in construction of a bridge over the Keg Creek near Council Bluffs, Iowa.

# TRIBAL TRANSPORTATION RESOURCES

## VIDEOS AND DVDS (Continued)

To View the video go to:

[http://www.trb.org/StrategicHighwayResearchProgram2SHRP2/Pages/Video-One\\_Design-10,000\\_Bridges\\_536.aspx](http://www.trb.org/StrategicHighwayResearchProgram2SHRP2/Pages/Video-One_Design-10,000_Bridges_536.aspx)

### Video Demonstrations of Three SHRP 2 Products Now Available

Step-by-step demonstrations narrated by the principal investigators of three SHRP 2 products that were featured in the SHRP 2 booth at the 91st TRB Annual Meeting are now available on the SHRP 2 website

- Geotechnical Solutions for Transportation Infrastructure: a web tool that provides guidance for soil improvement, rapid embankment construction, and stabilization of the pavement working platform
- Transportation Project Impact Case Studies (T-PICS): a national database of case studies that can be used to assess the pre- and post-construction economic development and related effects of various kinds of transportation projects
- My Road Trip Advisor: a tool that predicts arrival times for travelers based on travel time reliability information

To view the videos go to:

[http://www.trb.org/StrategicHighwayResearchProgram2SHRP2/Pages/SHRP\\_2\\_Video\\_Demonstrations\\_at\\_the\\_91st\\_TRB\\_Annual\\_Meeting\\_533.aspx](http://www.trb.org/StrategicHighwayResearchProgram2SHRP2/Pages/SHRP_2_Video_Demonstrations_at_the_91st_TRB_Annual_Meeting_533.aspx)

### Recycled Materials for Local Engineers

Recycled Materials Research Center-NH T2 Center

To obtain a copy go to:

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

### Ohio Department of Transportation

Best Practices DVDS

- Culvert Replacement
- Crack Filling/Sealing
- Spray Injection Patching
- Berming
- Snow and Ice Control, Winter Formula

Ohio DOT website:

<http://www.dot.state.oh.us/Services/Pages/TrainingVideos.aspx>

For more information go to:

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

### Facing Climate Change on the Swinomish Reservation

Stories from the Pacific Northwest-Coastal Tribes

To view the video go to:

[http://vimeo.com/48120951?goback=.gde\\_3047393\\_member\\_218216587And](http://vimeo.com/48120951?goback=.gde_3047393_member_218216587And)

### Women in Transportation Video Series

U.S. Department of Transportation

To view the YouTube video go to:

<http://www.youtube.com/playlist?list=PLE0JbKk9QnJ3RXjJ5AJikY1mLrpgs2frL>

### Long-Term Pavement Performance

U.S.DOT-Federal Highway Administration

available on thumb drive or DVD-ROM. through LTPP Customer Support Services at

E-mail: [ltppinfo@dot.gov](mailto:ltppinfo@dot.gov)

Telephone: 202-493-3035, Fax: 202-493-3161

### SHRP 2 Naturalistic Driving Study Featured on Transportation TV

American Association of State Highway and Transportation Officials (AASHTO)

The Transportation TV News Update regularly tracks transportation related news on Capitol Hill and across the country. It provides weekly news updates, features and exclusives of the people making headlines in the field of transportation.

To view the videos go to:

<http://www.transportationtv.org/Pages/default.aspx?VideoId=343>

### 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.njjc.org/ttap\\_resources.html](http://www.njjc.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 send a request to: [barry@njjc.org](mailto:barry@njjc.org) or [njjc@aol.com](mailto:njjc@aol.com) or Fax a request to: 707-579-9019.

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

# TRIBAL TRANSPORTATION FUNDING RESOURCES

## Announcement

### Yurok Tribe Announces Dial-A-Ride Service for Klamath Community

From the Times Standard

The Yurok Tribe announced this week the start of a new Dial-A-Ride transit service. The Yurok Tribal Transit Service will provide a new transportation option for community members in the Klamath area. The transit vehicle is an eight-passenger 4x4 van equipped with a hydraulic wheel chair lift. The Yurok tribal transportation department has received funding to offer these transit services from the United States Department of Transportation, Federal Transit Authority.

The new Dial Ride service will provide transit services to all residents in and around the Klamath area, including services to Crescent City. The Yurok Tribe has been working on numerous projects to provide jobs and opportunities in Klamath and to improve transportation infrastructure and mobilization services that benefit the region.

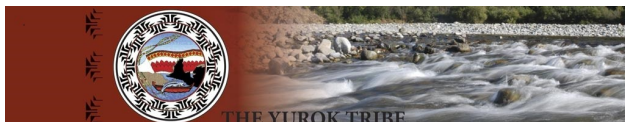
"We are pleased to offer and expand our efforts to improve transportation to the community of Klamath," said Yurok Tribe ViceChair Susan Masten.

The new transit services are a direct result of the tribe's "innovative approach" to work cooperatively with community partners and funding agencies.

"The Yurok Tribe continues to provide a multi-faceted approach for the Klamath community's growing transportation needs," said Joseph James, Yurok transportation manager.

"We look forward to continue to work for partnerships and the ability to offer more transportation infrastructure improvements and transit services to all who use and depend on it," said Peggy O'Neill, director of the tribe's Planning & Community Development Department.

For the Dial-A-Ride service, call Yurok Tribal Transit Service at 482-0731. One-way fare costs \$1 for all riders.



## CALIFORNIA



**NOTE: many of the listed transportation programs are dependant on the implementation of MAP-21.**

### CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)

#### The State-Legislated Safe Routes to School Program

**July 6, 2012**, MAP-21, the Moving Ahead for Progress in the 21st Century Act was signed into law. Under MAP-21, SRTS was consolidated into the Transportation Alternatives Program (TAP), but is eligible for Surface Transportation Program (STP) and Highway Safety Improvement Program (HSIP) funds.

September 27, 2012, Caltrans proposed funding SRTS from a \$21 million set aside in the STP. This concept was approved by the CTC as a one year policy. Future funding for SRTS will be determined through the MAP-21 Implementation process.

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

#### Memorandum of Understanding (MOU)

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 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 Department of Resources Recycling and Recovery (CalRecycle)

CalRecycle offers a variety of grant funding opportunities to assist public and private entities in safely and effectively managing California's waste stream. **Deadline to apply.**

# TRIBAL TRANSPORTATION FUNDING RESOURCES

- Beverage Container Recycling Grants
- **Farm and Ranch Cleanup Grants—Oct. 29, 2013 and Feb. 11, 2014**
- Household Hazardous Waste (HHW) Grants
- Local Enforcement Agency Grants
- **Illegal Disposal Site Abatement Grant Program- November 5, 2013, and February 4, 2014.**
- **Legacy Disposal Site Abatement Partial Grant Program- November 5, 2013, and February 4, 2014.**
- Waste Tire Cleanup grants for FY 2014/15 will tentatively be available winter 2013.
- Rubberized Pavement (TRP) Grant Program- FY 2014/15 solicitation are tentatively scheduled to be available in Spring 2014.
- Tire-Derived Aggregate (TDA) Grant Program- FY 2013/14 will tentatively be available Fall 2013.
- Tire-Derived Product Grant Program- FY 2014/15 solicitation are tentatively scheduled to be available In Spring 2014
- Used Oil Recycling Grants

Additional grant information and list of active grants can be found at:

<http://www.calrecycle.ca.gov/Grants/default.htm>

## Highway Safety Improvement Program (HSIP)

It is never too early for local agencies to analyze their roadway network to 1) identify their highest crash locations and corridors, 2) consider effective and efficient countermeasures to improve the safety of these locations/corridors, and 3) identify projects that have the highest Benefit-to-Cost ratios.

Caltrans Cycle 7 to be determined.

For more information go to:

[http://www.dot.ca.gov/hq/LocalPrograms/HSIP/apply\\_now.htm](http://www.dot.ca.gov/hq/LocalPrograms/HSIP/apply_now.htm)

## NEVADA

### Nevada Department of Transportation (NDOT)

#### Safe Routes to School Program

For more information regarding the Nevada Safe Routes to School, please visit:

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

#### Nevada Transportation Enhancement Program

The Nevada Department of Transportation (NDOT) and the Federal Highway Administration ( FHWA) share your interest in these projects and others that enhance the transportation experience in your area and make our communities more livable. The TE program was developed to fund projects that go beyond where typical transportation projects usually stop.

For more information go to:

[http://www.nevadadot.com/Projects\\_and\\_Programs/Landscape\\_and\\_Aesthetics/Landscape\\_Aesthetics\\_Program.aspx](http://www.nevadadot.com/Projects_and_Programs/Landscape_and_Aesthetics/Landscape_Aesthetics_Program.aspx)

## FEDERAL

### U.S. DEPARTMENT OF TRANSPORTATION

#### Transportation Alternatives Program (TAP)

- **Safe Routes to School Program.**
- **National Scenic Byways**

The Moving Ahead for Progress in the 21st Century Act (MAP-21) authorized the Transportation Alternatives Program (TAP) to provide funding for programs and projects defined as *transportation alternatives*, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, community improvement activities, and environmental mitigation; recreational trail projects; safe routes to school projects; and projects for planning, designing, or constructing boulevards and other roadways largely in the right-of-way of former divided highways. The TAP replaced the funding from pre-MAP-21 programs including the Transportation Enhancement Activities, Recreational Trails Program,.

For more information go to:

[http://www.fhwa.dot.gov/environment/transportation\\_alternatives/](http://www.fhwa.dot.gov/environment/transportation_alternatives/)

#### National Center for Safe Routes to School

Several potential sources of Safe Routes to School funding exist, and most programs benefit from combining a variety of these sources.

To view the sources go to:

<http://www.saferoutesinfo.org/funding-portal>

#### Federal Transit Administration

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

Federally recognize tribes may use the funding for capital, operating, planning, and administrative expenses for public transit projects that meet the growing needs of rural tribal communities. Examples of eligible activities include: capital projects; operating costs of equipment and facilities for use in public transportation; and the acquisition of public transportation services, including service agreements with private providers of public transportation services.

#### To view the MAP-21 Fact Sheet: Formula Grants for Rural Areas Section 5311 go to:

[http://www.fta.dot.gov/documents/MAP-21\\_Fact\\_Sheet\\_-\\_Formula\\_Grants\\_for\\_Rural\\_Areas.pdf](http://www.fta.dot.gov/documents/MAP-21_Fact_Sheet_-_Formula_Grants_for_Rural_Areas.pdf)

For the program information go to:

[http://www.fta.dot.gov/grants/13094\\_3553.html](http://www.fta.dot.gov/grants/13094_3553.html)

# TRIBAL TRANSPORTATION FUNDING RESOURCES

## FHWA

### **Dwight David Eisenhower Transportation Fellowship Program**

Eisenhower Tribal Colleges and Universities Fellowship Provides Students in those schools with opportunities to pursue careers in Transportation. This fellowship also serves as a feeder for other Eisenhower Fellowships. Currently funded at \$2.2M annually.

For more information go to

<http://www.fhwa.dot.gov/tpp/ugp.htm>

### **U.S. Department of Agriculture**

USDA Rural Community Development Initiative (RCDI) Funding Opportunity No.: USDA-RD--HCFP-RCDI-2013 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.

#### **FY 2013 Deadline to apply is November 12, 2013**

For grant information go to:

<http://www07.grants.gov/search-grants.html?agencies%3DUSDA|Department%20of%20Agriculture>

Further information on rural programs is available at a local USDA Rural Development web site:

[http://www.rurdev.usda.gov/BCP\\_rbeg.html](http://www.rurdev.usda.gov/BCP_rbeg.html)

Nevada:

<http://www.rurdev.usda.gov/NVHome.html>

California:

<http://www.rurdev.usda.gov/CA-Home.html>

### **FEMA: Hazard Mitigation Grant Program**

#### **FY 2013 Tribal Homeland Security Grant Program (THSGP)**

**Purpose:** The FY 2013 THSGP is one tool among a comprehensive set of initiatives authorized by Congress and implemented by the Administration to help strengthen the Nation against risks associated with potential terrorist attacks. Funding under THSGP is provided to strengthen Tribes' capacity to prepare for and respond to emergency situations.

The FY 2013 THSGP plays an important role in the implementation of the National Preparedness System (NPS) by supporting the building, sustainment, and delivery of core capabilities essential to achieving the National Preparedness Goal (NPG) of a secure and resilient Nation.

The building, sustainment, and delivery of these core capabilities are not exclusive to any single level of government, organization, or community, but rather, require the combined effort of the whole community. The FY 2013 THSGP supports all core capabilities in the Prevention, Protection, Mitigation, Response, and Recovery mission areas based on allowable costs.

For more information go to:

<http://www.fema.gov/fy-2013-tribal-homeland-security-grant-program-thsgp-0>

To view the FEMA Tribal website go to:

<http://www.fema.gov/tribal>

### **Department of Housing and Urban Development (HUD)**

#### **Indian Housing Block Grant Program (IHBG)**

Funds appropriated by Congress for the Indian Housing Block Grant Program (IHBG) are made available to eligible grant recipients through a formula. Regulations governing the formula can be found at [24 CFR Part 1000](#), Subpart D. On April 20, 2007, the Native American Housing Assistance and Self Determination Final Rule was published revising the IHBG Formula.

In brief, the formula has two components; Need and Formula Current Assisted Stock. The Need component considers population, income, and housing conditions. The Formula Current Assisted Stock component reflects housing developed under the United States Housing Act (the predecessor of the IHBG program) which is owned and/or operated by the IHBG recipient and provides funds for ongoing operation of the housing.

An Indian tribe may challenge the Need portion of the IHBG formula provided the data are gathered, evaluated, and presented in a manner that is fair and equitable for all participating tribes. Tribes have until March 30 of each year to submit challenges to their Needs data in consideration for the upcoming fiscal year.

For more information go to:

[http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/public\\_indian\\_housing/ih/codetalk/onap/ihbgformula](http://portal.hud.gov/hudportal/HUD?src=/program_offices/public_indian_housing/ih/codetalk/onap/ihbgformula)





## NATIONAL INDIAN JUSTICE CENTER

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Http://[www.nijc.org](http://www.nijc.org)

## 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.

## ANNOUNCEMENT

National Indian Justice Center is rolling out the “Tribal Prosecutor’s Handbook for Prosecution of DUIs in Indian Country.” This new handbook served as the foundation for NIJC’s “Prosecuting DUIs in Indian Country” training held in Albuquerque, New Mexico on August 1-2, 2013. The handbook and curriculum are part of National Indian Justice Center’s Tribal Traffic Safety Liaison Project.

The Tribal Prosecutor’s Handbook for Prosecution of DUI’s in Indian Country offers an effective and culturally competent resource to service providers working with American Indian and Alaskan Native (AI/NA) victims of alcohol-related motor vehicle crashes. AI/AN victims experience the same issues of victimization as others involved in DUI and DWI motor vehicle crashes. However, these issues are exacerbated as a result of multiple factors involved in prosecuting DUI/DWI cases that occur near tribal lands, factors that range from procedural to cultural.

Some of the major procedural issues for AI/AN DUI victims relate to the delays and confusion associated with establishing jurisdiction for DUI prosecution. These delays affect the number of times a victim may be required to provide a statement (and thus re-live their experience). They can also make it more difficult for service providers to provide a clear timeline of the case. Both of these negatively impact victims, who are often an integral component to a DUI prosecution. The Tribal Prosecutor’s Handbook walks students through the process of establishing jurisdiction in DUI cases as well as evaluating the timelines and procedures involved.

Due to the location of many tribal lands, the access to resources for many Tribes can be limited. Additionally, the community impacts associated with a DUI case can significantly differ from other communities. Prosecutors who are new to Indian Country may not be aware of these potential differences and the overall detrimental affect they can have on the victims and/or witnesses of their DUI prosecutions. The Tribal Traffic Safety Justice Liaison Project provides a database of available resources for both victims and prosecutors. Additionally, Tribal Prosecutor’s Handbook and curriculum offer a framework for cultural competency and working with victims in Tribal Communities. These tools will assist prosecutors and victim service providers to identify potential concerns they may need to address and recommended processes and tools for addressing them.

The Tribal Prosecutor’s Handbook and Prosecuting DUIs in Indian Country curriculum are the next phase of the Tribal Traffic Safety Justice Liaison Project’s goal to improve tribal and non-Indian justice system responses to AI/NA victims’ of DUI and DWI motor vehicle crashes on or near tribal lands.

For more information on the Project, Trainings and Resources go to: <http://www.nijc.org/TTSJL.html>

## ***WESTERN TTAP***

***For more details, please contact Western TTAP Coordinators***

***(707) 579-5507***

***Barry Litchfield, x 224***

***Email: [barry@nijc.org](mailto:barry@nijc.org)***

***Margaret Colglazier, x 225***

***Email: [tcoord@nijc.org](mailto:tcoord@nijc.org)***