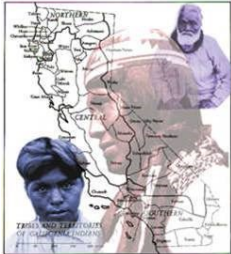


Tribal Transportation News



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High-Friction Surface Treatments Yield Positive Results



The results are in: High-friction surface treatments are cutting crashes at what used to be safety trouble spots, according to follow-up evaluations of installations across the country.

High-friction surface treatments are pavement overlay systems with exceptional skid resistance not typically provided by conventional paving materials. They involve applying polish-resistant, durable aggregates with a polymer binder to provide motorists with better traction at high-crash locations, such as horizontal curves, intersection approaches, upgrades and downgrades.

The Federal Highway Administration highlighted the technology in the second round of Every Day Counts to encourage highway agencies to mainstream it as a safety countermeasure at spot locations. By the beginning of 2015, 37 states, Washington, D.C., and Puerto Rico were using high-friction surface treatments, up from 14 two years earlier. Five states have made the treatments a standard practice.

High-friction surface treatments help motorists maintain better control in dry and wet driving conditions, reducing crashes, injuries and fatalities. They're relatively low in cost compared to geometric roadway improvements. And they can be installed quickly with minimal impact on traffic and negligible effect on the environment.

The **Missouri Department of Transportation** received a **Highways for LIFE** grant from FHWA to demonstrate the use of high-friction surface treatment on four projects in 2013 and 2014, two in Phelps County on I-44 and two in Cole County on U.S. 54 and Missouri 179. The locations had a history of wet-weather crashes.

Applying a high-friction surface treatment cost more than a traditional pavement wearing surface, but an evaluation showed that it significantly improved friction at the four locations. In the first year after the U.S. 54 project, crashes dropped from an annual average of 32 to just five. That resulted in a crash cost savings of \$966,300, nearly twice the additional cost of high-friction surface treatment placement at all four locations combined.

In 2012, the **Pennsylvania Department of Transportation** applied a high-friction surface treatment to a curve in Wilson Borough. The site was chosen because of its history of wet-weather crashes—26 over a three-year period. Since the treatment was installed, just one crash has been reported.

“I have been doing low-cost safety improvements for over 10 years and I have never seen such an immediate positive response to a safety treatment,” said Stephen Pohowsky, safety program specialist for the Pennsylvania DOT, which has used high-friction surface treatments on more than 40 projects and plans 100 more in 2015. “In our use of HFST on curves, we’ve seen a day-and-night difference in accident reduction and even

(Continued on page 4)



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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.



Table of Contents

High-Friction Surface Treatments Yield Positive Results 1
Western TTAP Staff Directory 2
Announcements 3
Tribal Nation Builds GRS-IBS 4
Tribal Peer Exchange Focuses on CM/GC 4
The War on Potholes Has a New Weapon..... 5
Sherwood Valley Bertha Keys Way Project..... 6
California's Roads Rank Sixth in the Nation for Traffic Fatality Rate..... 7
Why are They called Potholes 7
Blue Lake Rancheria Tribe, California..... 8
Mesa Eye Tracking Company Aims To Curb Distracted Driving..... 9
New Malibu Tech Helps Parents' teach Kids Safe Driving..... 10
Northern California Tribes FHWA Safety Grant Awards 11

TRANSPORTATION RESOURCES
Recent Transportation Legislation..... 12
Transportation Events Calendar..... 13
Tribal Transportation Partners Directory..... 14
Tribal Transportation Resources..... 16
Tribal Transportation Funding Resources 29

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ANNOUNCEMENTS

Gregory G. Nadeau Acting Administrator Federal Highway Administration



On May 11, 2015, Gregory G. Nadeau became the Acting Administrator of the Federal Highway Administration, where he'd served as the agency's Deputy Administrator since 2009. He has carried out all the duties of the Federal Highway Administrator since December 30, 2013, when Victor Mendez began serving as Acting Deputy Secretary of the U.S. Department of Transportation.

The National Park Service FY 2015 NAGPRA Grant Recipients

The National Park Service announced the award of eight [Native American Graves Protection and Repatriation Act](#) (NAGPRA) Repatriation grants totaling \$74,348. The grants will assist in the repatriation of individuals and sacred objects, objects of cultural patrimony and funerary objects back to the tribes.

"The work funded by these grants is a step toward addressing past violations of the treatment of human remains and sacred objects of native peoples, while restoring the ability of American Indian and Native Hawaiian peoples to be stewards of their own ancestral dead and cultural heritage," said National Park Service Director Jonathan B. Jarvis.

Enacted in 1990, NAGPRA requires museums and federal agencies to inventory and identify Native American human remains and cultural items in their collections, and to consult with culturally affiliated Indian tribes, Alaska Native villages, and Native Hawaiian organizations regarding repatriation. Section 10 of the Act authorizes the Secretary of the Interior to award grants to assist in implementing provisions of the Act.

The California Tribes award recipients:

- The Regents of the University of California, \$6,309
- Smith River Rancheria, \$14,944

The Mile Marker: A Caltrans Performance Report

This issue of the Mile Marker offers clear indicators of our continuing transformation, our focus on a safe, sustainable, integrated and efficient transportation system to enhance California's economy and liability. This is the first issue to include the performance measures identified in the Caltrans Strategic Management Plan 2015-2020.

To view this issue go to: <http://www.dot.ca.gov/ctjournal/MileMarker/2015-2/index.html>

Global Green Technical Assistance Opportunity

Does your community want greener, more equitable, and more vibrant neighborhoods? Is your community interested in increasing resilience in the face of extreme weather events? Are there significant projects on the horizon that your community wants to make sustainable?

Global Green is now accepting applications for no-cost technical assistance that can help communities achieve these goals. The assistance uses Global Green's sustainable neighborhood assessment tool, which is based on the LEED for Neighborhood Development standard, a nationally recognized method for creating neighborhoods that are walkable, bikeable, resource-efficient, and equitable. This free assistance is being provided under a grant to Global Green from EPA's Office of Sustainable Communities' Building Blocks for Sustainable Communities Program.

Eligible applicants are local and tribal governments.

The deadline for applications is July 17, 2015, at midnight PST.

For more information and the application form, visit <http://www.globalgreen.org/press/gxocudahx8g29noqxp3knsalyr3hlc>

Yurok Country Visitor Center Grand Opening

On June 17 the Yurok Tribal Council held a ribbon cutting ceremony to open the 3,500 square-foot Yurok Country Visitor Center opened in Downtown Klamath, on the corner of Klamath Blvd. and Klamath Circle. Visitors learn about the ancestral lands of the Yurok people, including much of the coastline near present-day Klamath, extending up the Klamath River for over 40 miles.

(Continued from page 1)

elimination. Quite simply, it stops crashes from occurring.”

FHWA collaborated with the **Wisconsin Department of Transportation** on a 2011 demonstration project to use a high-friction surface treatment on the Marquette interchange ramp from I-94 to I-43 in Milwaukee. In the past, vehicles had left the roadway so frequently during wet weather that the ramp often had to be shut down. In the three years after a high-friction surface treatment was applied, nine crashes occurred—a huge drop from the 219 crashes during the three years before installation.

The **Kentucky Transportation Cabinet** has installed high-friction surface treatments at 94 locations since 2010. In 2013, the agency conducted a crash analysis of 43 applications on ramps and horizontal curves from 2009 to 2012. For horizontal curve installations, yearly wet-weather crash averages declined 86 percent, dry-weather crash averages dropped 47 percent and total crashes fell 73 percent. For ramp installations, wet-weather crash averages declined 85 percent, dry-weather crash averages were down 66 percent and total crashes were 78 percent lower.

The **North Carolina Department of Transportation** applied a high-friction surface treatment in 2009 on an I-85 on-ramp from North Carolina Route 7 in Gaston County, where lane-departure crashes were a problem, particularly during wet weather. An evaluation five years later found that the treatment had significantly reduced both the frequency and severity of crashes. Total crashes declined 78 percent—from 50 during the five-year period before the treatment was installed to 11 after—and the severity of the few remaining crashes was reduced by half.

The **South Carolina Department of Transportation** used a high-friction surface treatment in 2008 on a stretch of U.S. 25 in Greenville County that experienced high crash rates, especially during inclement weather. A significant contributor to the crash problem was a concrete barrier that channeled water to the driving lane, but replacing the barrier would have cost \$5 million and taken three years. Speeding and sight distance constraints added to the location’s safety issues.

The six-month high-friction surface treatment project cost \$1 million, 80 percent less than the reconstruction project’s price tag. A before-and after study showed a 68 percent reduction in wet-weather crashes and a 56 percent drop in total crashes.

From U.S.DOT-FHWA Innovator e-Construction Newsletter, Vol. 8, Issue 48, May/June 2015

Tribal Nation Builds GRS-IBS

The Ohkay Owingeh Pueblo in New Mexico has trained staff in using geosynthetic reinforced soil-integrated bridge system technology to reconstruct small structures in its inventory. Ohkay Owingeh workers are replacing a 60-foot span with GRS-IBS using an Accelerated Innovation Deployment Demonstration grant and Tribal Transportation Program funds. To prepare for the project, Ohkay Owingeh staff immersed themselves in FHWA GRS-IBS guidance and attended a 2014 showcase in Blackwell, Oklahoma, at which the Kaw Nation and Kay County demonstrated GRS-IBS construction.



The Ohkay Owingeh workers are replacing a 60-foot span

Tribal Peer Exchange Focuses on CM/GC

The Gila River Indian Community shared its experience using the construction manager/general contractor project delivery method and accelerated bridge construction with peers during FHWA’s May 14 Southwest Tribal Transportation Workshop. The Gila River Department of Transportation used slide-in bridge construction on a project earlier this year to replace the Sacaton Bridge over the Gila River in Arizona, a first on tribal land. Workshop participants heard about the key role the construction manager played in the design of a cost-effective bridge slide that other tribal communities can replicate across the country.

From Every Day Counts (EDC) News, May 28, 2105

The War on Potholes Has a New Weapon

By Randy Rieland, Smithsonian.com, March 30, 2015

Researchers at Northeastern University have outfitted a van with sensors, microphones and cameras that can spot the early stages of potholes

If you've driven a car the past few weeks, you've hit a pothole or ten. Every year, we know they're coming, and yet we're still dumbfounded by their sheer number and capacity for destruction. and, we wonder, why does this go on? I mean, we have driverless cars, but every spring our roads still crumble like stale cake. The best we can manage, it seems, is a mad scramble of patching, little more than a blitz of damage control.

But there may be hope for a more proactive pothole strategy. A team of scientists at Northeastern University in Boston has created a special van with sensors, microphones and cameras that not only can detect every crack in a street, but also has ground-penetrating radar to pinpoint where holes are likely to form in the future.

The idea is to use this technology, called Versatile Onboard Traffic Embedded Roaming Sensors (VOTERS), to map every inch of a city's roads, identifying places where water is likely to pool and weaken the surface, and also to analyze what's happening to the soil underneath the pavement. Plus, cameras on the van can take photos of current trouble spots and prioritize which ones most need attention.

VOTERS has done all of the above in Beverly, Massachusetts, a town of about 40,000 people northeast of Boston, with impressive results. In just four days, the Northeastern van evaluated 150 miles of roads in the city. Human inspectors last assessed Beverly's streets in 2010. That took more than a year. It also ended up costing the town about \$50,000. The VOTERS approach cost half as much.

"This is absolutely the way of the future," Michael Collins, Beverly's commissioner of public services and engineering, told the *Boston Globe*.

Mean Streets

Here's how it works: As the van rolls over the road surface, a sensor records changes in air pressure inside the tire caused by bumps. A microphone senses any jostling sounds, and the radar system scans the surface between the wheels, checking for problems missed by the tires, and for pockets of air or pools of water beneath the pavement—likely signs of future problems. A video camera trained on the ground behind the van provides a picture of crack density and helps corroborate information gathered by the other devices.

The person who heads up the project, a Northeastern civil engineering professor named Ming Wang, says that the van can collect up to 50,000 data points per second. The system then rates each road using the Pavement Condition Index, the measure used by human highway inspectors.

The team can overlay those results on an aerial map of a city, creating a color-coded image—green lines for good pavement quality, yellow for adequate and red for trouble ahead. Zoom in on a red street and the image changes into a photo of that stretch of rough road taken by the van. The system's software can then estimate how much that repair would cost, according to Wang.

Nearby, in Boston, officials say they want to test the VOTERS van and compare it to assessments done by the city's street inspectors. And that may only be the beginning. Wang said that the university has plans to turn the project into a for-profit business this spring by contracting the road-scanning service to communities around the United States.

The engineer points out that, ultimately, checking the condition of our roads could be done by crowd-sourcing cars. Sensors could be embedded in the tires of new cars that could provide cities with a continuously updated supply of data on the quality of their roads.

Says Wang: "This is not a crazy idea. It could be cheap. Every car could have it—it would be that easy."

Meanwhile, in England...

Researchers at Nottingham Trent University have devised a similar road-scanning process. They've developed algorithms that can take data gathered by 2D and 3D scanners and sensors on the front of a van and identify early signs of what's known as "raveling"—the breakdown of asphalt that leads to cracks and holes.

Lead researcher Senthana Mathavan says that in a test the sensors—the same ones robots use to perceive their surroundings—were able to correctly detect raveling in 900 different spots. The thinking is that the sooner potential problems can be spotted, the more efficiently and less expensively they can be repaired—which is critical because in times of tight budgets most communities can't afford to rebuild deteriorating roads.

The device with the scanners, unfortunately, is too large and bulky to be used on public roads, but the goal is to develop a smaller version that could be attached to city vehicles, meaning more street inspections and, hopefully, fewer flat tires.

Sherwood Valley Bertha Keys Way Project

Full Depth Reclamation and Pavement Resurfacing



The completion of this long awaited project which has been in the planning stage for decades, reached a successful conclusion on May 1, 2015. In an era of diminishing budgets with no relief in sight, this project is an example of what a successful public / private partnership can accomplish and when decision makers decide to allow new ideas to take hold!

With the backing of Amy Dutschke, Pacific Regional Director and the Sherwood Valley Band of Pomo Indians, Pacific Regional Transportation Chief Steve Wilkie implemented an innovative “P-Cubed Partnership Approach”



where BIA staff, Tribal staff, AND private vendor staffs working together proved that with careful planning and dedication, almost anything can be accomplished. With the use of a pulverizer/reclaimer from our sister BIA Region, the Rocky Mountain Region, all the pieces were in place for the successful completion of this critically needed project.

The project owes much of its success to the Sherwood Valley Band’s Tribal Administrator; Ms. Scarlett Carmona who was the driving force behind the project’s success and completion. Also, not enough can be said about Western Stabilization’s Matt Brickey, whose technical assistance and tremendous expertise went above and beyond what the average private contractor was willing to do.

While the project had its issues, especially weather related (who could plan for over twenty-four inches of rain), initial paving was delayed in the Fall of 2014 which caused some damage to the treated surface. However, a second stabilization effort was successful and Bertha Keyes Way now provides tribal members with year round and safe access to their homes, water tank, cemetery as well as their daily commutes. The estimated reconstruction cost for Bertha Keys by FHWA was in the neighborhood of \$1.2 million, however using the P-cubed Partnership Approach and the use of the “Green” full depth Reclamation (FDR) process, the project was completed at a fraction of that estimated cost of full reconstruction. This is significant since this will now allow the Tribe to fund its other pavement rehabilitation needs at the main housing site in the township of Willits, California with the savings and also provide jobs for tribal members during these succeeding projects.

As mentioned, this was a Green project meaning this environmentally safe project did not require the mining and use of new materials and aggregates to stabilize the native road base material and thus eliminating the need

to excavate and haul the old roadway materials. Instead the FDR process using cement stabilization required a decreased base thickness compared to unbound aggregate base while allowing for the needed structural properties to be maintained under varying moisture conditions. The extremely stiff base inhibits fatigue cracking and rutting of the eventual asphalt surface ultimately allowing for a thinner asphalt pavement with the same strength and quality. This is important since this is the key to a sound environmental practice which is important to all of us.

This project was completed as a rehabilitation project which also reduced the damage to the environment and eliminated costs needed to mitigate environmental impacts and saving fees needed to pay various consultants to develop any environmental documents. The result of this Green approach and the P-Cubed Partnership approach has given the travelling Tribal public a paved water tank road, cemetery road, and access road that has the potential to last a life time.



To view more project details and the ribbon cutting ceremony go to:

<https://www.scribd.com/doc/268279771/Sherwood-Ribbon-Cutting-Package-5-15-2015-2>

California's Rural Roads Rank Sixth in the Nation for Traffic Fatality Rate

State's rural transportation system in need of modernization to better support economic growth

The TRIP report found that traffic crashes and fatalities on rural roads in California are significantly higher than all other roads in the state. In 2013, non-Interstate rural roads in California had a traffic fatality rate of 2.83 deaths for every 100 million vehicle miles of travel (VMT), the sixth highest rate nationally and more than four times higher than the traffic fatality rate of 0.67 deaths per 100 million VMT for all other roads in California. The report also found that rural roads and bridges in California have significant deficiencies. In 2014, 12 percent of California's rural bridges were rated as structurally deficient, the 20th highest rate in the nation. Sixteen percent of California's major rural roads were rated in poor condition in 2013, the 23rd highest rate nationally.

"As Proposition 1B coffers empty and gas tax revenues dwindle, California lawmakers are pressed to find ways to overcome the fiscal cliff in transportation funding," said Associated General Contractors chief executive officer Tom Holsman. "AGC took a strong stance in support of both Assembly and Senate Transportation Plans that address state and local transportation needs with revenues dedicated to the maintenance and repair of California's roads and highways."

Re-printed with the permission of TRIP, a national transportation research group: <http://www.tripnet.org/index.php>

Why Are They Called Potholes?

Pottery makers in 15th and 16th century England would take advantage of the ruts that wagon and coach wheels gouged into roads. Anxious for a cheap source of raw materials for making clay pots, the potters would dig into the deep ruts to reach clay deposits underneath. Teamsters driving wagons and coaches over those roads knew who and what caused these holes and referred to them as "potholes."

- Story attributed to the late trivia expert and syndicated columnist L. M. Boyd



Blue Lake Rancheria Tribe, California

By Kathie Brosemor and Jana Ganion

The Blue Lake Rancheria Tribe of California is a federally recognized Native American tribal government and community located in far northwestern California within Humboldt County, ~6 miles inland from the Pacific Ocean coastline.

The Tribe, its government, elected leaders, and staff have made significant progress implementing greenhouse gas (GHG) reduction measures while improving community resiliency. Since 2008, the Tribe has been focused on strategic climate action planning and implementation of a wide range of projects that work in concert to reduce GHGs and improve community and regional security.

The overall strategy consists of maximizing energy efficiency, and in parallel, implementing energy resiliency measures. Such measures include onsite back-up generation and emergency power, transitioning from fossil to renewable energy to ultimately achieve 100% renewable energy use on the Rancheria, zero net GHG emissions, and actions to ensure operations for critical infrastructure and resource security for business-as-usual and short- and long-term emergency situations.

The following are just a few of the illustrative climate mitigation and adaptation actions that the Blue Lake Rancheria Tribe has achieved since 2011:

- Formation of the Tribe's formal Department of Energy and Technologies, Office of Emergency Services, and Wildland Fire Department
- Completed FEMA Tribal Emergency Operation Plan, multiple facility-level emergency response plans, Tribal Flood / Dam Break Response plan, transportation and evacuation plans.
- Tribal leader and tribal staff trainings, including FEMA trainings, and CalEMA continuity of operations training, and emergency communications training.
- Energy audits and feasibility studies of conversions from fossil fuel to renewable energy (biomass, solar, hydroelectric, wind, waste-to-energy); waste characterization study
- Led a community-wide forum on "Climate Change Mitigation & Adaptation"
- Completed >15 energy efficiency programs including upgraded HVAC, fans, freezer and refrigeration and lighting replacement, gas station canopy lighting, complete tribal government office upgrade, including upgraded refrigeration/fans and replacement of all hard-wired fluorescent lighting and inefficient screw-in light bulbs
- Installation of solar arrays for low-income residences on the Rancheria

- Installation of electric vehicle charging stations
- Installation of biodiesel manufacturing using waste oil from the Tribe's kitchens
- Agreement with the American Red Cross to act as a shelter-in-place
- Implementation of a 175kW biomass distributed generation fuel cell renewable energy system



Blue Lake Rancheria: Electric vehicle charging stations in front of the Tribal Office (February, 2015) Photo Credit: Toni Ramos, Blue Lake Rancheria

Green Fuels

The Tribe has a particular focus on transition to green fuels. Partnering with Humboldt State University engineering students on feasibility, the Tribe found that biodiesel manufacturing had environmental and economic benefit. For example, using waste oil from its own commercial kitchens, the Tribe fueled its public transit buses. The transit program saved thousands per year and achieved significant GHG reductions even with a 20% biodiesel blend. Fully operational now, bus performance has also been excellent – gas mileage has remained the same and the engines are running smoothly. The other primary fuel-switching project to date has been transitioning the tribal fleet to electric vehicles and installing two Level 2 electric vehicle charging stations. The Tribe ultimately seeks to power both the biodiesel plant and the electric vehicle charging stations with renewable energy produced onsite.

Solar & Microgrid

The hope of utilizing solar and microgrid will become a reality in the next two years as the Tribe implements a ~.5 MW solar array and a microgrid control system. Estimated to be complete in 2017, the Tribe's microgrid will provide for greater demand response and peak shaving in a business-as-usual mode. In emergency situations, the microgrid will operate in islanded mode, separate from the grid, and allow the Tribe to provide the region with emergency power for as long as it is needed.



Blue Lake Rancheria: Volunteers install residential solar in the community (March, 2015) Photo Credit: GRID Alternatives

Partnerships

The Tribe's partnerships at the local, regional, state and national level are the most important component of the Tribe's ability to carry so many projects forward in a relatively short time. The local expertise in engineering and environment at Humboldt State University, the Schatz Energy Research Center, and the Redwood Coast Energy Authority have been the primary determining factor in the success of the Tribe's energy efficiency, renewable energy, and green fuels projects. On the state level, the California Energy Commission, Pacific Gas & Electric utility, and individual project partners such as GRID Alternatives have provided outstanding strategic funding and operational assistance. On the national level, the U.S. Department of Energy, Office of Indian Energy Policy and Programs, U.S. Department of Interior, Bureau of Indian Affairs, U.S. Department of Agriculture Rural Development, and other important agencies such as the National Oceanic and Atmospheric Administration, U.S. Environmental Protection Agency, and the U.S. Department of Transportation - among many others - have provided significant and ongoing support and guidance. Lastly, the Tribe has been fortunate in its public/private partnerships as well, with several private technology partners who have contributed financially, technically, and operationally to various projects.

The Climate Action Champion recognition is a true honor, and the Blue Lake Rancheria Tribe hopes that by sharing some of its work, it will generate ideas and projects in other small communities. As Vice Chairperson Arla Ramsey commented, "The Tribe hopes to serve as an example that a very great amount of climate action can be done, in a very short time, by making best use of limited resources."

We hope, on this beautiful Earth Day, that our work (and the work of our respective tribal governments, our fellow Climate Action Champions, and everyone who is

working toward a stable planet) shines light on what actions are possible – right now – to fight climate change and deal with the impacts that are already here. We wish you a very good Earth Day.

From The Briefing Room, President Obama and the Native American Community, April 22, 2015

Mesa Eye Tracking Company Aims to Curb Distracted Driving

By Lindsey Reiser, KPHO Phoenix CBS

Distracted driving is a big problem and no one seems to know how to solve it. A Mesa eye tracking company believes it has a solution. EyeTech Digital Systems in Mesa wants to put eye tracking software in your dash cam to sense if you're succumbing to distractions.

Keith Jackson, with EyeTech, said their sensors can track our eye movement and pupil size to see if you are falling asleep, texting or eating. They also have infrared light, so they can still see the driver's eyes through sunglasses and at night. Jackson said they're getting interest insurance companies and regular consumers alike. "Fleet companies, like big trucking companies, as well as anyone that's interested in preventing their teenager from being distracted while driving," Jackson said.

"We realized trying to stop the use of cell phones and that type of distracted behavior was not the direction to go in, in and of itself," said Jim Owen, the CEO for workman's compensation company Missouri Employers Mutual. He said car accidents are the number one cause of death in the workplace, and he wants to coordinate with state insurance company funds to see this technology across the U.S., including in Arizona. "Not only do it for your workplace but do it for your home, do it for your children," Owen said.

Jackson said we might only be a year or two away from seeing this on the market. "You're drowsy, put the cell phone down," Jackson said. "Prevent not just an accident but prevent a death."



New Malibu Tech Helps Parents Teach Kids Safe Driving

2016 Chevy midsize sedan offers new drivers feature to promote safe driving habits

DETROIT – It’s hard to hand the keys to a teenager for their first drive alone.

Parents know that coaching a teenager on how to learn safe driving skills is vital. According to the Insurance Institute for Highway Safety, in the United States, the fatal crash rate per mile driven for 16- to 19-year-olds is nearly three times the rate for drivers ages 20 and over.

The all-new 2016 Chevrolet Malibu will debut Teen Driver, a system that provides parents with a tool to help encourage safe driving habits for their kids, even when they are not in the car with them. Teen Driver supports safe driving habits by muting the audio of the radio or any device paired with the vehicle when front seat occupants aren’t wearing their safety belts, and it gives audible and visual warnings when the vehicle is traveling faster than preset speeds.

This feature is the first in the industry with a built-in system that lets parents view on a display how their teenager drove the vehicle. Maximum speed reached, distance driven and number of times active safety features were engaged all can be confirmed.

“We developed this system so parents could use it as a teaching tool with their kids – they can discuss and reinforce safe driving habits,” said General Motors safety engineer MaryAnn Beebe. “As a mother of two, I know anything that has the potential of keeping one’s family safer is of great value to parents.”

Malibu can keep track of the following:

- Distance driven
- Maximum speed traveled
- Over-speed warnings issued
- Stability control events
- Antilock brake events
- Forward Collision Alerts, if equipped
- Forward Collision Braking events, if equipped

To use Teen Driver, a parent needs to enable the feature by creating a PIN in the Settings menu of their available MyLink system, which then allows them to register their teen’s key fob. The system’s settings are turned on only to registered key fobs.

When active, Teen Driver automatically mutes the radio until front safety belts are fastened. Additionally, the

radio system’s maximum volume can also be set to a lower level. If the vehicle is equipped with active safety features like Forward Collision Alert, they are automatically turned On. Parents can select a maximum speed (between 40-75 mph), which, if exceeded, activates a visual warning and audible chime.

If equipped, these are the safety features that are automatically turned on and incapable of being manually turned off when Teen Driver is activated:

- Stability Control
- Front and Rear Park Assist
- Side Blind Zone Alert
- Rear Cross Traffic Alert
- Forward Collision Alert
- Daytime Running Lamps / Automatic Light Control
- Forward Collision Braking
- Traction Control
- Front Pedestrian Braking

“The first step with this technology is to make sure that all drivers and passengers within the car are safe,” said Steve Majoros, Chevrolet car marketing director. “In addition to innovative safety technologies like this, you will see efficiency, advanced connectivity and stunning design in the 2016 Malibu.”

Teen Driver is not a subscription-based service, so it remains with the vehicle permanently and will be standard on the Premier trim and optional on LT models if equipped with the Convenience Package and up-level radio. The 2016 Malibu debuts at the New York Auto Show in early April and is expected to go on sale at the end of 2015.



The all-new 2016 Chevrolet Malibu will debut a system, called Teen Driver, that provides parents with a tool to help encourage safe driving habits for their kids. The feature can mute the audio of the radio or any device paired with the vehicle when front seat occupants aren’t wearing their safety belts, and it gives audible and visual warnings when the vehicle is traveling over preset speeds.

Reprinted with permission of GM Chevrolet U.S.A.

Northern California Tribes FHWA Safety Grant Awards

Five local tribes are moving forward with transportation projects after each received grants from the United States Department of Transportation.

The Bear River Band of Rohnerville Rancheria, Blue Lake Rancheria, Cher-Ae-Heights Indian Community of the Trinidad Rancheria, Hoopa Valley Indian Tribe and Karuk Tribe are among 82 tribes nationwide to receive grant money, making Humboldt County-based tribes five out of the six California tribes to receive the grants.

The Karuk Tribe received \$872,000, not only the largest grant of the local tribes but of any tribe in the nation.

The money will be used to continue improvements to Red Cap Road, which runs through Orleans and is the main thoroughfare for the Karuk population, Sandi Tripp, director of transportation for the Karuk Tribe said.

The improvements are directed at making it possible to bike and walk safely in the rural region, Tripp said.

Red Cap Road currently has no shoulder and poor lines of sight, making biking and walking in the area a serious hazard, she said. Collision data revealed that of 36 injury traffic accidents that occurred on State Route 96 and Humboldt County roads in the community of Orleans between 2005-2015, 10 were located on Red Cap Road, Tripp said.

The project has been about five years in the making, and two years ago the tribe also received a grant that allowed them to complete a tribal safety transportation plan, which detailed the bikeway as part of the plan and allowed the tribe to apply for the grant they have now obtained, she said. The project will be bid out in May and it is expected to be complete by October of this year, Tripp said. "It will be a five-foot expanded shoulder on both sides of the road and signing and striping will be put into place," she said. Even after the road improvements are complete, Tripp said safety advancements will continue. "Our community is really tight-knit and I expect that we will put into place community groups to give out helmets and safety equipment," she said.

Klamath coordinator of the Karuk tribe, Craig Tucker, said as a long time bike commuter and former resident of Orleans he is looking forward to what the project will do for the community. "On the one hand it makes it safer for people to get around and also creates some healthy opportunities for people in that area," Tucker said. He said many people in the area do not have cars, and being able to bike or walk safely will increase mobility and options for non-drivers. Tucker said when he moved to the area he was looking forward to biking to

and from work. "I just lived a few miles away from my office and I've been a bike commuter for 25 years but I was scared to bike around because the roads were not safe for biking," he said. "It is pretty hairy biking there."

The Hoopa Valley Indian Tribe received a grant to redo an intersection in Hoopa at Highway 96, Hoopa Valley Tribe Public Information Officer Kristan Kornis said. "It is a major downtown revitalization project," Kornis said. The project will eventually include sidewalks, a median, better street lighting and a four-way stop intersection, he said. The \$460,695 grant will only cover part of the overall project, which will be done in different increments, Kornis said. The first step will be preliminary drainage work and landscaping, which is already underway, he said. The next portion of the project will be moving Tish Tang Road about 100 yards so that it intersects Highway 96 in the central shopping center area of Hoopa and comes to a four-way stop, Kornis said. "This stuff is supposedly going to be done before 2015 is over," he said.

The transportation funding did not only go to construction projects. The Bear River Band of the Rohnerville Rancheria and the Blue Lake Rancheria received \$12,500 each for the development of Tribal Transportation Safety Plans. "We are taking the opportunity in this year of funding to develop as tribal transportation plan," Matthew Mattson, executive director of tribal operations for the Bear River Band of the Rohnerville Rancheria, said. "We are going to use that plan for a basis for demonstrating needs and applying for more funds in the future."

The Blue Lake Rancheria and the Trinidad Rancheria received \$193,600 for a project titled "Comprehensive Wayfinding System Project,".



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

STATE LEGISLATION



CALIFORNIA LEGISLATION

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

New Laws Report 2010-2014

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>

The 2015-2016 Legislative Session convened on January 5, 2015.



NEVADA LEGISLATION

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

The 78th (2015) Session of the Nevada Legislature adjourned *sine die* on June 1, 2015. The legislature is now in the interim period between legislative sessions.

78th (2015) Session: All Bills that Became Law

To visit the website go to: <http://www.leg.state.nv.us/Session/78th2015/Reports/AllBillsThatBecameLaw.cfm>



FEDERAL LEGISLATION

Congress.gov

Congress.gov is the official source for federal legislative information. It replaces the nearly 20-year-old THOMAS.gov site with a system that includes platform mobility, comprehensive information retrieval and user-friendly presentation. It currently includes all data sets available on THOMAS.gov except nominations, treaties and communications. These data sets will be added throughout 2014. Until that time they are still accessible through THOMAS.gov via the link below. THOMAS.gov will be permanently retired by the end of 2014.

To access THOMAS.gov go to: <https://www.congress.gov/>

Browse Public Laws 113th Congress (2013-2015) and prior congressional sessions go to:

<http://thomas.loc.gov/home/LegislativeData.php?&n=PublicLaws&c=114>

The 114th Congress (2015-2017) convened on January 3, 2015.

Federal Transit Administration (FTA)

The FTA invites public comment on interim policy guidance the agency is proposing for the Capital Investment Grant (CIG) program. The proposed interim guidance has been placed in the docket and posted on the FTA web site. Comments are requested within 30 days of publication in the Federal Register. If adopted, this proposed interim policy guidance will complement FTA's regulations that govern the CIG program by providing a deeper level of detail about the methods for applying the project justification and local financial commitment criteria for rating and evaluating New Starts, Small Starts, and Core Capacity Improvement projects, and the procedures for getting through the steps in the process required by law.

To view the proposed interim policy go to the FTA website at: <http://www.fta.dot.gov/>

Congress Passes Two-Month Extension of MAP-21

The Senate passed HR 2353, the Highway and Transportation Funding Act of 2015, which had cleared the House on May 19. This legislation extends MAP-21 through July 31, 2015.

TRANSPORTATION EVENTS

Please visit the National Indian Justice Center web site to view more upcoming transportation events. Go to: http://www.nijc.org/ttap_calendar.html

JULY 2015

July 12-15
11th International Conference on Low-Volume Roads
Omni William Penn
Pittsburgh, PA
For more information go to: <http://www.cvent.com/events/11th-international-conference-on-low-volume-roads/event-summary-ccd33c8304e54950b646faf451364a5a.a.spx>

July 15-17
Public-Private Partnerships In Transportation Conference
Hyatt Regency
Washington, DC
For more information go to: <http://www.artbap3.org/>

July 18-22
54th Annual Workshop on Transportation Law
Intercontinental Chicago Magnificent Mile
Chicago, IL
For more information go to: <http://www.trb.org/main/blurbs/172001.aspx>

July 20-23
2015 NLTAPA National Conference
Savannah Marriott Riverfront
Savannah, GA
For more information go to: <http://www.nltapa.org/nltapa/content/2015-national-ltaptap-conference>

July 20-24
Esri User Conference
San Diego Convention Center
San Diego, CA
For more information go to: http://www.esri.com/events/user-conference?utm_source=esri&utm_medium=email

AUGUST 2015

August 2-5
International Symposium on Systematic Approaches to Environmental Sustainability in Transportation
University of Alaska
Fairbanks, AK
For more information go to: <http://cem.uaf.edu/cesticc/symposium/committees.aspx>

August 11-13
SWTA's Tribal Transit Drug and Alcohol Training
Choctaw Casino and Resort
Durant, OK
For more information go to: http://www.swta.org/news_events/details/tribal-transit-drug-and-alcohol-training

August 30-September 2
2015 International Public Works Congress & Exposition
Phoenix Convention Center
Phoenix, AZ
For more information go to: http://www.apwa.net/Congress?utm_source=Informz&utm_medium=Email&utm_campaign=Informz+Emails

SEPTEMBER 2015

September 1-3
Transit GIS Conference
Hamilton Crowne Plaza Hotel
Washington, DC
For more information go to: <http://www.urisa.org/education-events/gis-in-transit-conference/>

September 13-17
17th Annual American Indian Tourism Conference (AITC)
Sky Ute Casino Resort
Ignacio, CO
For more information go to: http://www.ajanta.org/uploads/FileLinks/2f1991368451466ca3f73783c400f1c8/AIAN-TA_Winter_2015_Newsletter_FINAL.pdf

September 16-18
International Conference on Transportation System Resilience to Climate Change and Extreme Weather Events
National Academies of Science Building
Washington, DC
For more information go to: <http://onlinepubs.trb.org/Onlinepubs/Conferences/2015/ClimateChange/CallforPresentations.pdf>

September 21-24
2015 International Conference on Ecology and Transportation (ICOET)
Raleigh Convention Center
Raleigh, NC
For more information go to: http://www.icoet.net/ICOET_2015/

September 21-24
11th National Conference on Access Management
Sheraton Seattle
Seattle, WA
For more information go to: <http://www.accessmanagement.info/Event/2015-national-conference-seattle>

September 21-24
18th Annual National Tribal Transportation Conference (NTTC)
Sheraton Myrtle Beach Convention Center & Hotel
Myrtle Beach, SC
For more information go to: <http://www.ttapnttc.com/>



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
4th & 5th 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

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 for-estlands, 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



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

Website: <http://www.cce.csus.edu/conferences/caltrans/localAssistance/index.cfm>

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
Program Manager: Heather Lara
Phone: (775) 829-9045
E-mail: hlara@tmcc.edu
Website: <http://www.tmcc.edu/ltap/>

TRIBAL TRANSPORTATION RESOURCES

CALIFORNIA

California State Transportation Agency (CalSTA)

A new state agency focused solely on transportation.

To visit the website go to:

<http://www.calsta.ca.gov/Default.htm>

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>

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 (CTIP)
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

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/>

National Rural Transit Assistance Program (RTAP)

TRIBAL TRANSPORTATION RESOURCES

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>

TribalGIS.com

A technical forum for (and by) Tribal GIS Professionals across the country.
For more information go to:
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 EPA Online Mapping Tool.

Interactive web-based mapping tool that provides the public with access and information on Environmental Impact Statements (EIS).
To visit the website go to:
<http://nepassisttool.epa.gov/nepassist/eismapper/index.html>

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>

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

TRIBAL TRANSPORTATION RESOURCES

RESOURCES (Continued)

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/

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://azmemory.azlibrary.gov/cdm/ref/collection/statepubs/id/6877>

And,

592 Tribal Traffic Safety Funding Guide

<http://azmemory.azlibrary.gov/cdm/ref/collection/statepubs/id/7181>

National Highway Traffic Safety Administration (NHTSA)

Fatality Analysis Reporting System (FARS)

<http://www-fars.nhtsa.dot.gov/Main/index.aspx>

FARS Native American Traffic Safety Facts

http://www-nrd.nhtsa.dot.gov/departments/nrd-30/ncsa/STSI/NA_Report.htm

National Institute for Occupational Safety and Health (NIOSH)

Construction Equipment Visibility

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

Interactive Highway Safety Design Model –2014 Release

Includes a Beta version of crash prediction capabilities for freeway ramps/interchanges (including ramps, C-D roads and ramp terminals based on draft HSM Par C material developed under NCHRP Project 1-45. 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/

FHWA Office of Safety

Local and Rural Road Safety Program

The FHWA Local and Rural Safety Program provides national 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/

Improving Safety on Rural Local and Tribal Roads — Safety Toolkit

The Safety Toolkit provides a step-by-step process to assist local agency and Tribal practitioners in completing traffic safety analyses, identify safety issues

To view the toolkit go to:

http://safety.fhwa.dot.gov/local_rural/training/fhwasa14072/isrltrst.pdf

Site Safety Analysis – *User Guide #1*

http://safety.fhwa.dot.gov/local_rural/training/fhwasa14073/isrltr1.pdf

Network Safety Analysis – *User Guide #2*

http://safety.fhwa.dot.gov/local_rural/training/fhwasa14074/isrltr2.pdf

Safety Circuit Rider Programs-Best Practices Guide

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

Available on-line at:

http://safety.fhwa.dot.gov/local_rural/training/fhwasa09019/

Nighttime Visibility Policy/Guidance

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/

TRIBAL TRANSPORTATION RESOURCES

Maintenance of Drainage Features for Safety

A guide for local street and highway maintenance personnel

To view the guide go to:

http://safety.fhwa.dot.gov/local_rural/training/fhwasa09024/

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

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/

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/

Proven Safety Countermeasures

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>

The National Work Zone Safety Information Clearinghouse

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.workzonesafety.org/taxonomy/term/5606/all>

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/>

3M Roadway Safety

Guidance for Improving Roadway Safety:

Understanding Minimum Reflectivity Standards go to:

http://solutions.3m.com/wps/portal/3M/en_US/NA_roadway/safety/safetyinitiatives/minimumretroreflectivity/

TRIBAL TRANSPORTATION RESOURCES

SAFETY RESOURCES (Continued)

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

Crash Modifications Clearinghouse (CFM)

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

To visit the website go to:

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

Impact Teen Driver

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

To view the website go to:

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

Road Safety Foundation

To visit the web site go to:

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

Center For Disease Control (CDC)

Native American Road Safety

To visit the web site go to:

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

Distraction.gov

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

To visit the website go to:

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

Safety Edge Resources

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

To visit the website go to:

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

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

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/>

TRIBAL TRANSPORTATION RESOURCES

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 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/>

National Highway Traffic Safety Administration (NHTSA)

Native American Data available in FARS

Native American fatalities, Native American fatalities on Tribal reservations, and all fatalities on Tribal reservations from 2007-2011

To visit the website go to:

http://www-nrd.nhtsa.dot.gov/departments/nrd-30/nca/STSI/USA_WEB_REPORT.HTM

FHWA

Horizontal Curve Safety

A focus on horizontal curves can prove to be a cost effective approach to reducing roadway departure crashes.

To visit the website go to:

http://safety.fhwa.dot.gov/roadway_dept/horcurves/

California Department of Public Health

WalkSmartCA is part of the *It's Up to All of Us* public education campaign, which is designed to educate both pedestrians and drivers on what steps they can take to keep our streets safe.

To visit the website go to:

<http://www.cdph.ca.gov/HealthInfo/injviosaf/Pages/WalkSmartCA.aspx>

California Pedestrian Safety (PedSafe) Program

PedSafe aims to create environments where these activities can happen safely by implementing a multi-faceted approach of education, media outreach and messaging, technical assistance, and training and facilitation.

To visit the website go to:

<http://www.cdph.ca.gov/programs/SACB/Pages/ItsUp2Us.aspx>

Centers for Disease Control and Prevention (CDC)

CDC's WISQARS™ (Web-based Injury Statistics Query and Reporting System) CDC's WISQARS™ (Web-based Injury Statistics Query and Reporting System)

To visit the web site go to:

<http://www.cdc.gov/injury/wisqars/>

National Road Safety Foundation (NRSF)

To Visit the website go to:

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

Animated Traffic Law

Visualizing traffic law

To visit the website go to:

<http://animatedtrafficlaw.org/atlc/>

Teens In The Drivers Seat

Texas A&M Transportation Institute

To visit the website go to:

<http://www.t-driver.com/>

TRIBAL TRANSPORTATION RESOURCES

TRANSPORTATION RESOURCES (Continued)

CONSULTATION

California Office of the Tribal Advisor

Responsible for overseeing and implementing effective government-to-government consultation between the Governor's Administration and California Tribes on policies that affect California tribal communities.

To visit the website go to:

<http://tribalgovtaffairs.ca.gov>

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

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>

U.S. DOT

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

ITS ePrimer

Provides transportation professionals with fundamental concepts and practices related to ITS technologies.

To visit the website go to:

<http://www.pcb.its.dot.gov/ePrimer.aspx>

U.S. DOT

Research Hub Website

A searchable database of the latest U.S.DOT-sponsored research, development and technology projects

To visit the website go to:

<http://ntlsearch.bts.gov/researchhub/index.do>

FHWA-National Highway Specifications

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

For more information go to:

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)

TRIBAL TRANSPORTATION RESOURCES

Planning for Transportation in Rural Areas

To view the guide go to:

http://www.ewu.edu/Documents/CBPA/NWTTAP/RuralGuidebookfinal_7_10_01.pdf

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.fhwa.dot.gov/planning/processes/tribal/>

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 17 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 19 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>

FHWA

2014 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/pubs/hif14013.pdf>

FHWA

National Transportation Atlas Database (NTAD) 2014 DVD.

To download the DVD go to:

<https://1bts.rita.dot.gov/pdc/user/products/src/products.xml?p=33653&c=-1>

FHWA

Construction

To visit the website go to:

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

FHWA-Federal Lands Highway (FLH)

Strategic Transportation Safety Plan Toolkit for Tribal Governments

To visit the web site go to:

<http://flh.fhwa.dot.gov/programs/ttp/safety/stsp-toolkit.htm>

FTA

National Transit Data Base

To visit the website go to:

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

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/>

TRIBAL TRANSPORTATION RESOURCES

MORE TRANSPORTATION RESOURCES

(Continued)

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-Transit>

Victoria Transportation Policy Institute

Transportation Cost and Benefit Analysis

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

To view the guide book go to:

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

Partnership for Mobility Management

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

For more information visit the website at:

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

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

The 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 federal funds.

To visit the website go to:

<http://webbuilder.nationalrtap.org/WebApps/ProcurementPRO.aspx>

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/ImplementingaTrafficSignRetroreflectivityMaintenanceProgram.aspx>

Indian Land Tenure Foundation (ILTF)

A national, community-based organization focused on

TRIBAL TRANSPORTATION RESOURCES

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/anviewer.asp?a=2428&z=101>

AASHTO Systems Operations & Management Guidance

An online tool that uses self-evaluation and best practice 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

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/>

U.S. Department of Housing and Urban Development (HUD)

Tribal Directory Assessment Tool (TDAT) v2.0

TDAT was designed to help users quickly identify tribes and provide appropriate tribal contact information to assist with initiating Section 106 consultation.

To visit the website go to:

<http://egis.hud.gov/tdat/Tribal.aspx>

National Center for Mobility Management

Focuses on transportation's many customer groups: current and potential riders; employers, economic development groups, and local business associations; human service agencies and their clients; taxpayers and other funders; and local governments.

To visit the website go to:

<http://nationalcenterformobilitymanagement.org/>

American Road and Transportation Builders Association (ARTBA)

Transportation Investment Advocacy Center (TIAC)

The program is aimed at helping private citizens, legislators, organizations and businesses successfully grow transportation infrastructure resources at the state and local levels through the legislative and ballot initiative processes.

To visit the website go to:

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

Ready Indian Country

The goal of Ready Indian Country is to collaborate with tribal governments to build emergency management capability and partnerships to ensure continued survival of Tribal nations and communities.

To visit the web site go to:

<http://www.ready.gov/make-a-plan/indian-country>

TRIBAL TRANSPORTATION RESOURCES

MORE TRANSPORTATION RESOURCES (Continued)

CalACT

California Association for Coordinated Transportation is a statewide, non-profit organization that has represented the interests of small, rural, and specialized transportation providers since 1984.

To visit the website go to:

<http://www.calact.org/home>

California Department of Transportation (Caltrans)

California Transportation Plan (CTP) 2040 website

CTP provides a long-range policy framework to meet our future mobility needs and reduce greenhouse gas emissions.

To visit the website go to:

<http://www.dot.ca.gov/hq/tpp/californiatransportationplan2040/index.shtml>

California Transportation Commission

California Road Charge Technical Advisory Committee and Pilot Program

The California Road Charge Technical Advisory Committee was established in 2014 by Senate Bill 1077 (Chapter 835, Statutes of 2014). SB 1077 created the California Road Usage Charge Pilot Program and tasked the Chair of the Commission, in consultation with the California State Transportation Agency (CalSTA) to convene a fifteen member Technical Advisory Committee (TAC) to study road usage charge alternatives to the gas tax, gather public comment, and make recommendations to CalSTA regarding the design of a road usage charge pilot program.

To visit the website go to:

http://www.ctac.ca.gov/meetings/Committees/Road_Charge/Road_Charge.html

Community Transportation Association of America (CTAA)

FedCentral

The site offers news and analysis of Congressional hearings, regulatory news, important resources and more

To visit the website go to:

<http://web1.ctaa.org/webmodules/webarticles/anmviewer.asp?a=2923&z=37>

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/>

FHWA

MAP-21 Performance Measurement Requirements

To visit the website go to:

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

Performance Management Questions and Answers on the Federal Highway Administration's MAP-21 website have been updated. Go to:

<http://www.fhwa.dot.gov/map21/qandas/qapm.cfm>

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>

TripSpark

TripSpark makes this possible by linking the latest technologies with a dedicated focus to help you grow your operation and meet evolving community transit needs.

To visit the website go to:

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

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

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

Life Saver Apps

Distracted driving for parents and students.

Android and iPhone.

To visit the website go to:

<http://lifesaver-app.com/>

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>

In partnership with the University of Texas at El Paso, two free web based training courses on Intelligent Compaction and Asphalt Stringless Paving

Intelligent Compaction: http://ctis.utep.edu/FHWA_TrainingCourse/

Stringless or GPS Based Asphalt Paving: http://ctis.utep.edu/FHWA_AsphaltString/

National Transit Institute (NTI)

Rutgers, the State University of New Jersey

- Assault Awareness and Prevention for Transit Operators course. Three hours FREE..

For more information go to:

<http://www.ntionline.com/courses/courseinfo.php?id=274>

National Center on Senior Transportation (NCST)

- Transit Agency Emergency Preparedness Planning for Older Adults. Free three week online course. July 6-24, 2015.

For more information go to:

<http://www.seniortransportation.net/TrainingEvents/NewsArticle/tabid/176/token/detail/nid/74/Default.aspx>

National Highway Institute (NHI) 2015

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 Highway Institute (NHI) 2015

Free web-based training:

- **New.** Applying Section 4(f): Putting Policy into Practice course 142073.
- **New.** National Traffic Incident Management Responder Training course 133126.
- **New.** Combating Roadway Departures Course 380117. The following updated training is available.
- **NEW** 130093W Introduction to Earthquake Engineering is a web based prerequisite to 130093A Displacement-Based LRFD Seismic Analysis and Design of Bridges
- 132010A entitled "Earthquake Engineering Fundamentals" is a Web-based prerequisite to 132094A and 2094B. Participants will generally be notified to take the WBT course about 1 month before the following two sessions.
- 132094A entitled "LRFD Seismic Analysis and Design of Transportation Geotechnical Features" .
- 132094B entitled "LRFD Seismic Analysis and Design of Structural Foundations and Earth Retaining Structures".

To view the course details go to:

<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/>

Federal Emergency Management Agency (FEMA)

Emergency Management Institute Tribal Curriculum

To collaborate with tribal governments to build emergency management capability and partnerships to ensure continued survival of Tribal nations and communities.

To view the course go to:

<http://www.fema.gov/training/training-tribal-representatives>

TRIBAL TRANSPORTATION RESOURCES

TRANSPORTATION PROGRAMS AND DEVELOPMENT (Continued)

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

National Cooperative Highway Research Program (NCHRP)

Report 667

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

To view the report go to:

http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_667.pdf

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/>

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

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/>

TRIBAL TRANSPORTATION FUNDING RESOURCES

PUBLICATIONS



The NIJC web site has the complete list of publications, newsletters, videos, CDs, and DVDs going back several years. To view the Tribal Transportation (TTAP) Resources data base go to:

http://nijc.org/datasheets/ttap/TAP_ResourceList.asp

Ordering Information

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

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@nijc.org or nijc@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://nijc.org/datasheets/ttap/TTAP_ResourceList.asp

Local Assistance, Office of Active Transportation and Special Programs.

The purpose of ATP is to encourage increased use of active modes of transportation by achieving the following goals:

- Increase the proportion of trips accomplished by biking and walking,
- Increase safety and mobility for non-motorized users,
- Advance the active transportation efforts of regional agencies to achieve greenhouse gas (GHG) reduction goals,
- Enhance public health,
- Ensure that disadvantaged communities fully share in the benefits of the program, and
- Provide a broad spectrum of projects to benefit many types of active transportation users.

For more information go to:

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

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

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.

Application materials forthcoming:

- Beverage Container Recycling Grants.
- Farm and Ranch Cleanup Grants.
- Household Hazardous Waste (HHW) Grants.
- Local Enforcement Agency Grants.
- Illegal Disposal Site Abatement Grant Program.
- Legacy Disposal Site Abatement Partial Grant Program.
- Waste Tire Cleanup grants. FY 2016/17 will tentatively be available winter 2015.
- Rubberized Pavement (TRP) Grant Program. FY 2015-16 will tentatively be available Summer 2015
- Tire-Derived Aggregate (TDA) Grant Program. FY 2015-16 will tentatively be available Fall 2015
- Tire-Derived Product Grant Program.

CALIFORNIA



CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)

On September 26, 2013, Governor Brown signed legislation creating the Active Transportation Program (ATP) in the Department of Transportation ([Senate Bill 99, Chapter 359](#) and [Assembly Bill 101, Chapter 354](#)). The ATP consolidates existing federal and state transportation programs, including the Transportation Alternatives Program (TAP), Bicycle Transportation Account (BTA), and State Safe Routes to School (SR2S), into a single program with a focus to make California a national leader in active transportation. The ATP administered by the Division of

TRIBAL TRANSPORTATION FUNDING RESOURCES

FUNDING (Continued)

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

<http://www.calrecycle.ca.gov/Funding/>

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 will close July 31, 2015

http://www.dot.ca.gov/hq/LocalPrograms/HSIP/prepare_now.htm

NEVADA

Nevada Department of Transportation (NDOT)

Transportation Alternatives Program (TAP)

The Nevada TAP provides federal transportation funds for projects that improve non-motorized mobility, historic preservation, scenic accessibility, safe routes to school (SRTS) and environmental/vegetation management. FY 2015 funding to be determined.

For more information go to:

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

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

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 pro-

jects 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/

RFP: IDEA Program Announcement 2015:

TRB's Innovations Deserving Exploratory Analysis (IDEA) annual program announcement solicits funding proposals for the upcoming review cycles. The announcement explains the IDEA programs, describes the types of eligible projects and their funding structures, suggests general areas for which IDEA proposals can be submitted, and provides guidelines and forms for submitting proposals.

- The Transit IDEA program has two review cycles in 2015; Transit IDEA proposals are due May 1st and November 2nd, depending on which of the two funding cycles is targeted.
- NCHRP IDEA proposals are due March 1st and September 1st, depending on which of the two funding cycles is targeted.
- The Rail Safety IDEA program has one review cycle per year; Rail Safety IDEA proposals are due September 15, 2015.

If the proposal submission due date for any IDEA program falls over a weekend or on a federal holiday, the due date automatically moves to the next business day.

The IDEA programs provide start-up funding for promising, but unproven, innovations in surface transportation systems. The programs' goals are to seek out and support new transportation solutions that are unlikely to be funded through traditional sources.

Top 3 Criteria by Which Selection Committees Evaluate IDEA Proposals:

1. **Innovation** -- Emphasize the innovation. Say it first, say it fast, and make it clear. What problem does your project address? How is your solution better than current practice?
2. **Benefits** -- Describe the expected benefits. Why is this project worth investing in?
3. **Science** -- Stick to the science. Be sure the research approach is sound and sensible

For more information go to:

[The IDEA Program](#)

TRIBAL TRANSPORTATION FUNDING RESOURCES

FHWA

Office of Federal Lands Highway (FLH) Tribal Transportation Program Safety Funding

Notice of funding for federally recognized Tribes was published in the Federal Register on June 26, 2015. The fund accepts applications for EMS, enforcement, education, planning, and engineering projects that are expected to improve transportation safety. **Applications must be submitted no later than 5:00 PM EST on August 25, 2015.** A preview of the online application is attached to this notice. For additional application information please visit the TTP Safety Fund website at :

<http://flh.fhwa.dot.gov/programs/ttp/safety/ttspf.htm>

AND

The FHWA will be hosting a webinar on **Wednesday, July 15 at 2:00 PM EST**. To join the webinar, please click this link then enter the room as a guest: <https://connectdot.connectsolutions.com/tribaltrans/>. The audio portion of the webinar can be accessed from your computer or the teleconference line: TOLL FREE 1-888-251-2909; ACCESS CODE 4442306.

Strategic Highway Research Program (SHRP2)

The objective of the SHRP2 Education Connection is to incorporate SHRP2 products into collegiate level lesson plans and curricula. FHWA anticipates awarding up to 10 cooperative agreements to help professors and instructors bring state of the practice solutions to their classrooms.

For more information go to:

<http://www.fhwa.dot.gov/goshrp2/>

Accelerated Innovation Deployment Demonstration (AID)

The final notice announces the availability of funding and requests grant applications for FHWA's Accelerated Innovation Deployment (AID) Demonstration authorized within the Technology and Innovation Deployment Program (TIDP) under the Moving Ahead for Progress in the 21st Century Act (MAP-21).

Consistent with other FHWA funding provided to tribes, federally recognized tribe identified on the list of "Indian Entities Recognized and Eligible to Receive Services from the Bureau of Indian Affairs" (published at 77 FR 47868) is eligible to apply for AID Demonstration.

All applications will be evaluated on a rolling basis and be assigned a rating of "Qualified" or "Not Qualified."

For more information go to:

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=245654>

U.S. Environmental Protection Agency (EPA)

This year, fiscal year (FY) 2015, the National Clean Diesel Campaign will issue a standalone Diesel Emissions Reduction Act (DERA) Tribal Competition Request for

Proposals (RFP) for a total of up to \$1 million.

The FY 2015 DERA Tribal RFP will close July 15, 2015. There will be a second Tribal competition webinar/teleconference AFTER the RFP opens. Please see below for details the webinar.

For information on previous years' DERA Tribal Program competitions, please visit www.epa.gov/cleandiesel/prgtribal.htm or contact Rosalva Tapia at 202.343.9534 or tapia.rosalva@epa.gov, or Connie Ruth at 734.214.4815 or ruth.connie@epa.gov.

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](http://www.ecfr.gov/g/title29/chapterI/part1000/subpartD), 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

Department of Health and Human Services

NICHD Consortium for Research on Pediatric Trauma and Injury Prevention (R24).

The purpose of this funding opportunity announcement (FOA) is to encourage multidisciplinary collaborations to target gaps in research on pediatric trauma and injury prevention. The team science approach encouraged by this FOA could be used to generate a research resource, which may include discovery-based or hypothesis-generative approaches, to advance the relevant area of biomedical research or to devise breakthrough ideas, concepts and approaches to therapies in pediatric trauma and injury prevention research.

Deadline to apply: January 7, 2017

To view the announcement go to:

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=261949>



NATIONAL INDIAN JUSTICE CENTER

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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.



The Sheraton Myrtle Beach Convention Center & Hotel is offering a special rate for the 18th Annual Conference: \$83 + tax. To make Reservations call: 888-627-8203. **Cut off date for room rate is: August 21, 2015.**

For more information visit the NTTC website at: <http://www.ttapnttc.com/>

WESTERN TTAP

For more details, please contact Western TTAP Coordinators

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