

Florida Technology Transfer Quarterly

A Traffic Engineering and Safety Workforce Training Update

Volume 28, Number 2
May 2013



Florida Transportation Technology Transfer Center

Florida Minority Task Force on Occupant Protection

You
love
me?
**BUCKLE
UP**
and
watch me
GROW





Florida Transportation Technology Transfer Center

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Mark Your Calendars

May 20–June 2

Click it or Ticket Mobilization

National Highway Traffic Safety Administration
www.nhtsa.gov/PEAK

June 17

National Ride to Work Day

Ride to Work, Inc.
www.ridetowork.org/

June 26-28

FACERS Annual Meeting

FACERS
www.facers.org/?p=2428

August 4–10

National Stop on Red Week

FHWA
safety.fhwa.dot.gov/intersection/redlight

Florida Technology Transfer Quarterly — Established 1984

Main Phone Number	352.392.2371
Workshop Registration	EXT. 31670
Workshop Development	EXT. 31685
Traffic Safety Courses	EXT. 31685
Pilot/Escort Program	EXT. 31670
CTQP Courses	EXT. 31669
Customer Service	EXT. 31674
Media Center	EXT. 31695
HfL Demonstration Showcases	EXT. 31697
Ped/Bike Safety Resource Center	EXT. 31680
Occupant Protection Resource Center	EXT. 31671
Mailing List	EXT. 31687
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The T2 Center provides training, technical assistance, and technology transfer services through the following partnerships and programs:

- Federal Highway Administration (FHWA)
- Florida Department of Transportation (FDOT)
- Local Technical Assistance Program (LTAP)
- Center for Transportation Training (CTT)
- Highways for LIFE (HfL) Demonstration Showcases
- Pedestrian and Bicycling Safety Resource Center (SRC)
- Florida Occupant Protection Resource Center (OPRC)

Interested parties may receive the electronic publication and annual printed portfolio by sending name, agency, mailing address, phone, and email to t2@ce.ufl.edu. Newsletter content and accuracy is the exclusive responsibility of the Florida T2 Center.



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FACERS Annual Meeting June 26–28, 2013 — Marriott Tampa Waterside

In conjunction with the 2013 FAC Annual Conference and Educational Exposition
Wednesday, June 26

- 9:00am – 10:00am** Disaster and Emergency – Public Works Interagency Coordination
Lorenzo Williams, Danielle Cooper, and Brandy Davis – Orange County
- 10:15am – 11:15am** National Center for Asphalt Technology, NCAT – Update
Dr. R. “Buzz” Powell, NCAT – Auburn University
- 11:30am – 12:00pm** Exhibit Hall / Networking Opportunities***
- 12:00pm – 1:30pm** FAC Awards Luncheon or Lunch on Your Own
- 1:30pm – 2:30pm** Warm Mix Asphalt – State of the Art Presentation/Discussion
Matt LaChance, VHB
- 2:45pm – 3:15pm** GRS-IBS Bridge Case Study
Robert Barrett and Nathan Beard – GeoStabilization International
- 3:30pm – 4:30pm** Strategic Planning for Public Works Agencies
Charles R. “Chas” Jordan, City of Largo
- 4:30pm – 5:00pm** Round Table Discussion — Public Works Legal Issues

Thursday, June 27

- 9:00am – 9:50am** SmartDitch – Stormwater Drainage Solution
Mike Otway, Joshua Cockayne, and Mike Desvernine – SmartDitch
- 10:00am – 11:00am** Partnering with Elected Officials on Our Infrastructure
Chris Evers, Pavement Technology, Inc.
- 11:00am – 12:00pm** Exhibit Hall / Networking Opportunities***
- 12:00pm – 1:30pm** FAC Installation Luncheon or Lunch on Your Own
- 1:30pm – 2:30pm** Strategic Highway Safety Plan Update and Crash Data Resources
Joseph B. Santos, FDOT
- 2:45pm – 3:45pm** Sunshine 811 – Public Works Coordination
Brian Dean, Sunshine 811
- 4:00pm – 5:00pm** Round Table Discussion – Public Works Operational Issues
- 4:00pm – 5:00pm** Round Table Discussion — Public Works Legal Issues
- 6:00pm – 9:00pm:** FACERS Social — RSVP to amy.blaida@rsandh.com
Jackson’s Bistro on Harbour Island, 601 S Harbour Island Blvd, Tampa, FL 33602

Friday, June 28

- 9:00am – 12:00pm** FACERS Business Meeting

*** Note — Registration with Florida Association of Counties (FAC) is NOT required to attend the FACERS meetings; and FACERS does NOT require a separate registration to attend either. However, you must purchase a separate ticket from FAC if you want to attend the FAC lunches or Friday breakfast (or any other FAC events). You MUST RSVP if you plan to attend the FACERS Social Night.

It’s Free! Whether you can attend in person or watch the technical sessions by broadcast right from your office, the price is the same: FREE! Visit www.facers.org/?p=2428 for more information or to register for the online broadcast. You can also email itassist@ce.ufl.edu if you have any questions or need assistance.



Florida Minority Task Force on Occupant Protection

Aiming to increase seatbelt use among the African-American and Hispanic population



“You Love Me? Buckle Up and Watch Me Grow!” A simple, straightforward statement,

but when it comes from a child — someone you know and love — it makes all the difference in the world.

For years, I worried and fretted about all of the unrestrained kids I saw in trucks, cars, and vans. I preached, taught,

threatened, and begged parents

and caregivers to keep those kids safe... And then it occurred to me: If the parents weren't wearing their seatbelts and driving safely, who was going to raise those precious kids? Pondering this dilemma, I found a like-minded compatriot in Reginald Belle (Public Safety Specialist and Child Passenger Safety Instructor in Titusville) and Ralph Salvas (Occupant Protection Grant Manager at the Florida Department of Transportation in Tallahassee) and joined in their efforts to make a difference. Over the past several years, we have worked together on the Florida Minority Task Force on Occupant Protection trying to save lives.

The obvious question is why do we do this? In 2010, according to NOPUS (National Occupant Protection Use Survey — the agency that provides nationwide observational data on seatbelt use), it was found that Florida experienced 1,403 traffic deaths of drivers and passengers in seat-belt-equipped vehicles. Tragically, 55%, or 707, of these individuals killed were not even wearing their seat belts. Figure 1 compares the fatality rates between the U.S. and Florida as reported from

2001 to 2010. This shows that we need to improve our buckled-up rate as compared to the rest of the nation.

In the state of Florida, minorities are 50% more likely to die in crashes than their Caucasian counterparts, even though they travel half as many miles. This simple fact affects our entire community in numerous ways both personal and financial. For the three years 2009-2011, seat belt use in the state of Florida generally has shown a positive trend, increasing every year. In June 2011, the rate was up to 88.1 percent overall. However, research focused on ethnicity indicates that although the trend is still positive for African Americans and Hispanic groups, it lags behind all other categories. This must change.

Who are we?

The Florida Minority Task Force on Occupant Protection (FMTFOP) is a volunteer group of traffic safety experts and community partners formed to promote seat belt and child safety seat usage among Florida's African Americans and Hispanics. The Task Force is funded through a Florida Department of Transportation Occupant Protection Grant housed at the University of Florida Technology Transfer Center (T2). The various members of the Minority Task Force are volunteers. They take paid time off or vacation days from their “regular” jobs to spend time in the selected communities talking to the local businesses, daycares, and churches. It is a time-consuming but rewarding effort. Interestingly enough, the most common comment from business owners is “it’s about time somebody showed up here”. They know what is right but don’t have the knowledge or resources to convince their public. That’s an area where we help by teaching them and providing facts they can use to educate in their community. This is an important facet of our program. We can

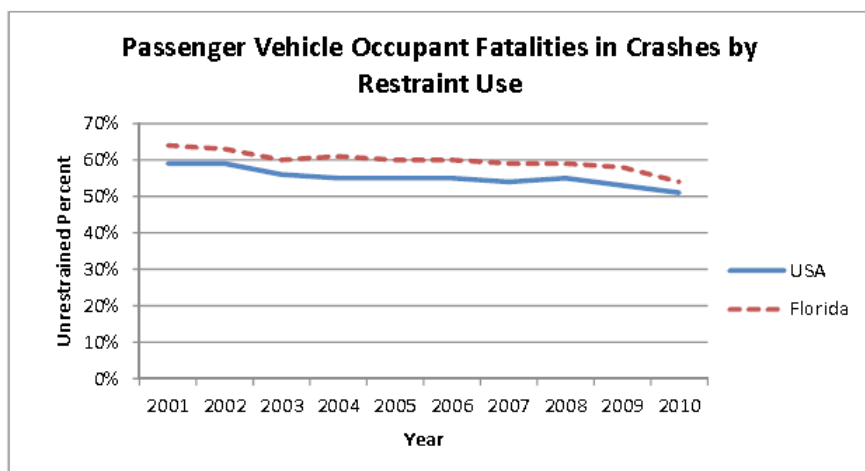


Figure 1



build a continuing presence in the community through education and enabling the leaders and volunteers to help their friends and neighbors.

The Minority Task Force has been working for the past 4 years in different areas of the state. The first focus area was centered on the I-4 Corridor, beginning in Pinellas and Hillsborough Counties. The second cycle of focus continued on the I-4 Corridor further east in Orange, Seminole and Osceola Counties. The third focus area was and still is in Duval County along the I-95 Corridor. No, we don't stand on the interstate and do the surveys. It was a simple geographic anchor that we used to define the area for the study. This year's focus area is again Duval County because of the large area it represents. Because these areas are so diverse, we have had to be flexible in our approach. We have learned from our experiences and gained insight on how to direct the educational emphasis and target areas for our community outreach.

In previous years, sites along the I-4 corridor were determined through local agencies working with the Minority Task Force. This year, a volunteer member of the Minority Task Force, Andrea Atran (FDOT District II Community Traffic Safety Team Coordinator, or CTST), helped arrange meetings with a very influential partner, the Mayor of Jacksonville (which is almost all of Duval County) and his staff. This opened many doors and afforded the team with resources that helped in the decision-making process. These are the steps I used to determine site locations for the surveys and outreach activities:

- Met with the Jacksonville Mayor's office to gather information about neighborhood locales
- Researched ethnic points of interest such as churches, daycares, restaurants, grocery stores, etc.
- Visited different neighborhoods and asked convenience store clerks and gas stations about their customers
- Worked with International Affairs Unit of the Jacksonville Sheriff's Office (JSO)
- Discussed with Officer Nuria Archbold from JSO about identifying Hispanic populations in the county
 - » Identified locations of 911 calls from Hispanics
 - » Upcoming Hispanic events organized by the Sheriff's office
 - » Correlated 911 call areas with the Hispanic stores, churches, and the other information collected
- Drove prospective areas with the FDOT Assistant

District Traffic Operations Engineer (Chris LeDew) and the CTST Coordinator (Andrea Atran) to confirm locations and the safety of the sites

- Selected 16 Hispanic and 16 African American sites (intersections) and revisited the areas to confirm that targeted populations are present.

Methods

This effort used a Pre-observational surveys – Educate through community outreach – Post-observational surveys model. The models were done twice, one for Hispanics and one for African Americans. This year, we will add a second wave of pre and post surveys at specific churches in the African American and Hispanic neighborhoods. The educational component at each of these sites will incorporate a safety day event, including a car seat checkup event.

Additionally, a new feature will be added to the mix: we are going to recruit volunteers from members of the various congregations or neighborhoods to train as Nationally Certified Child Passenger Safety Technicians. This will allow them to carry on the educational outreach efforts and continue to provide car seats and installation help for the members of their church and surrounding communities. This is a new feature of our program, and we hope to return to previous county sites to institute this aspect of the program for continuing education. Once trained, these certified technicians will be able to continue to offer their expertise to communities for buckling up teens, parents, and their kids in car seats. The newly trained technicians will be partnered for future events and assistance with the local Safe Kids Coalitions or Chapters in their area. This will help them to continue their efforts and allow them to have access to car seats, information, and experienced Instructors in Child Passenger Safety.



Data Collection

Sixteen college students were recruited from the Engineering School at the University of Florida to collect the survey data at the designated sites. The students traveled to Jacksonville after classes ended on a Monday evening so they would be ready to survey at 7 am the next morning. I conducted a training class the night before to provide direction on how to determine if safety equipment was being used correctly and how to indicate this on the survey forms. Basic equipment was provided (including clipboards, forms, pens, rain ponchos and the occasional jacket for the forgetful; yes, it can get cold in Florida).

Have you ever tried to corral 16 college students? Well, I will admit that food helps, but these kids were great. They are engineering students in various levels of their degrees at UF. In many respects, this was an eye opener for them. They realized the importance of this task and how it will affect them, not only on a personal level, but also on a professional one. Besides, it looks good on their resumes. Welcome to the real world: rain, cold, and early hours — 7 to 9 am and 4 to 6 pm were the times for the data collection. Students were paired and placed at specific sites, each recording data from a single direction. The pre and post surveys were conducted during the same time period, same day of the week. Each student kept track of their completed forms and entered the data into an Excel form upon returning to Gainesville. The data was then transferred to Dr. Dimitra Michalaka to compile and analyze.

Outreach Efforts

Primarily, we completed the outreach in a 3-day period — one for Hispanics and another for African Americans. It was intense and concentrated. We usually had 3 to 4 groups of volunteers canvassing the areas near the survey sites. We handed out materials and information to any one and every one, especially at businesses. We asked the following of the community:



Business Owners and Churches:

- Display the poster and flyer in your business
- Encourage individuals to wear their seat belts
- Encourage individuals to restrain their children in car seats or booster seats
- Distribute the Florida Minority Task Force on Occupant Protection (FMTFOP) materials to your customers

Day Care Centers:

- Encourage parents to buckle up
- Encourage parents to restrain their children in car seats or booster seats
- Read the Child Passenger Safety book to kids in your center
- Distribute flyers to parents

The majority of business owners readily agreed, as did the day care facilities. It was very satisfying. Person-to-person contact at events and in the neighborhoods near the survey sites is a great method for distributing materials. However, it is tiring.

The second wave of outreach is scheduled to commence in July and August. So far, we have a Hispanic church and a neighborhood scheduled in July and an African American church and housing development neighborhood in August. Officer Archbold with JSO has been recruiting for the child protective seat class, and so far, we have about 12 volunteers that want to participate. That is fantastic!

Results

As stated above, prior year data (2009-2011) shows seat belt use in the state of Florida as a positive trend, increasing yearly up to 88.1 percent in June 2011. From the June 2012 Seat Belt Use in Florida Final Report (page 24, first paragraph): "Although all genders,

ages, and races/ethnicities showed improvements post-Click It or Ticket! (especially among those with the most room for growth), the most notable increase in belt use was among Black occupants (4.5 percent). However, most major differentials within the groups remained. It is also important to note the introduction of child passengers to the 2012 survey design. Not only was the pre-post Click It or Ticket! belt increase in that group substantial, their new presence in the measurement likely contributed to the higher passenger use rate, in general.” I think we can feel confident that the efforts made by the Minority Task Force helped show an improvement in the surveys.

The preliminary results for this year in Duval County are very promising. The Hispanic community outreach first wave results = 8% increase in seat belt usage, and 3.9% increase in all populations. We were hoping for a 3.5% increase and are very excited about the larger numbers.

New at the T2 Media Center


Below is a sample of new items added to our Media Center collection since our last newsletter. To better serve our clients, we have begun compiling a list of links to publications, when available, which allow for quicker access to the publication. Visit t2ctt.ce.ufl.edu/T2_Media_Center.asp to view all new listings.

As always, any non-copyrighted publication can be printed and checked out to you upon request. If you find a document listed here or online that your organization would like to see in print, just email mediacenter@ce.ufl.edu with the name of and link to the document, or contact our Media Center Coordinator at 352.273.1695, and we will print a copy for you to check out of our Media Center.

- An Agency Guide on Overcoming Unique Challenges to Localized Congestion Reduction Projects
- Design of Highway Bridges Against Extreme Hazard Events: Issues, Principles and Approaches
- Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way
- Travel Better Travel Longer
- Cycling Mobility
- A Review of Pedestrian Safety Research in the United States and Abroad
- Low Cost Standard Treatments for Intersections and Roadway Departures
- Advanced Methods for Mobile Retroreflectivity Measurement on Pavement Marking
- Cost-Effective and Sustainable Road Slope Stabilization and Erosion Control
- Performance of Concrete Pavements with Longitudinal Tining, Transverse Tining, and Carpet Drag Finish
- Developing, Enhancing, and Sustaining Tribal Transit Services: A Guidebook
- Bicycle Road Safety Audit Guidelines and Prompt Lists
- Guide for Optimizing the Effectiveness and Efficiency of Roadway Lighting

Lessons Learned

Grass roots efforts do work — the operative word being work. You need dedicated volunteers to accomplish your goals. You need a great organization backing your efforts and keeping you on target (thank you, Ralph Salvas and FDOT). You must identify the correct survey areas and points of community outreach. Coordination of the survey teams, training (including survey techniques, personal behavior, and deportment), and correct data collection is vital (thank you, UF T2). The community itself is your best ally or foe. The reward is simple: you'll never know how many lives you save.

Visit fmtfop.ce.ufl.edu for more information. 

Article contributed by Dr. Morya E. Willis, Florida Occupant Protection Program Planner

- A Framework for Statewide Roadway Asset Management
- Identifying Issues Related to Deployment of Automated Speed Enforcement
- Safety Evaluation of Transverse Rumble Strips on Approaches to Stop-Controlled Intersections in Rural Areas
- Concrete Performance Using Low-Degradation Aggregates
- Preparation and Testing of Drilled Shafts with Self-Consolidating Concrete
- Durability Assessment of Recycled Concrete Aggregates for Use in New Concrete
- Estimating the Effects of Pavement Condition on Vehicle Operating Costs
- Aging Driver and Pedestrian Safety: Parking Lot Hazards Study
- Toward Designing Pedestrian-Friendly Vehicles
- Improved Corrosion-Resistant Steel for Highway Bridge Construction
- Florida's Aging Road User Strategic Safety Plan
- Analysis of Recent Improvements to Vehicle Safety
- Guide on The Consistent Application of Traffic Analysis Tools and Methods

Occupant Protection Resource Center (OPRC) Update

Gaining knowledge and experience to better promote occupant protection in Florida

Two new Florida CPS Technicians were added to the Florida roster: Alison Tillman (formerly Evans) and Paul Simpson of the Florida OPRC! It was a wonderful class in April, and the car seat event was well attended. Participating in car seat events first-hand was an eye-opening experience as to the wealth of knowledge a tech is to relay to a caregiver. Thanks to all of the technicians who work the car seat events; the safety message could not be passed on without you! Alison and Paul also visited with several techs and instructors in Miami and Ft. Myers to show our support and see how the center can better assist them.

The center will be well represented at the Safe Kids Worldwide Conference June 19-22, 2013 with Alison and Dr. Morya Willis in attendance and taking lots of notes to improve support of our Florida CPS community. Morya joined the OPRC staff as the technical expert last quarter. CPS instructors or Technicians with questions can reach her on her dedicated phone line: 352.231.6274.

Two new items were added to the promotional item listing last quarter. The Car Rescue Tools is designed to cut seats belts and break glass and comes with detailed usage instructions. We also added a MyCue system: When a child is in the vehicle, the MyCue™ Streamer is removed from its receiver on the car seat and attached to the driver's keychain, serving as both a visual and touch-and-feel reminder to the driver that a child is seated behind them. When a child is not in the vehicle, MyCue™ remains conveniently attached to the child car seat. Though literature was not reordered this grant year, there is a list of print-ready promotional literature on the OPRC website; click on LINKS -> PRINT-READY RESOURCES.

Car seat reports – CPS Instructors, please do not forget to report on the car seats given to you to distribute. You are responsible for the seats given to techs through you as well. These numbers are used as important state statistics and ensure that this program can continue to be funded in years to come. Also turn in any \$2 Difference forms before June 30.

Instructor reimbursements and technician certification class scholarships are available through September 16, 2013. Check the website or our Facebook page for more information.

Below is a list of items currently available to order at no charge through the Promotional Items portion of the website. Visit the website to order, and be sure to check back for the Printable Resources page (under the Links section) which features a list of items you can download and print right from the site. The OPRC would love to hear from you about improvements that can be made to serve you better. Please email floridaoprc@ce.ufl.edu or call 352.273.1671 to provide your valued input.

Website: www.floridaoprc.ce.ufl.edu/oprc

Facebook: www.facebook.com/FloridaOPRC

Stickers

- Be Safe, Buckle Up — 5-point Harness (English)
- Be Safe, Buckle Up — In a Booster (English)
- Be Safe, Buckle Up — In a Booster (Spanish)
- Be Safe, Buckle Up — Moose (English)
- Be Safe, Buckle Up — Moose (Spanish)

Tattoos

- Be Safe Buckle Up
- Pre-teen Car Safety

Other Fun Stuff

- Car Escape Tool **NEW!**
- Window Clings **NEW!**
- Lifemeters, available June 2013 **NEW!**
- MyCue, available June 2013 **NEW!**
- Magnet with OPRC logo

DVDs

- I'm Safe! in the Car
- 2012 Child Restraint Manufacturers' Instructions with Summary Sheets, available June 2013 ***I/T**
- Simple Steps to Child Passenger Safety (Living Legacy), available June 2013 ***I/T**

Publications

- The LATCH Manual, 2013 Edition ***I/T NEW!**
- Easy Reader Tip Sheet
- Spanish Flip Book ***I/T**

***I/T** — Available to CPS Instructors and Technicians only



**FLORIDA OCCUPANT PROTECTION
RESOURCE CENTER**
www.floridaoprc.ce.ufl.edu



Florida's Pedestrian and Bicycling Safety Resource Center

Supplying materials to make your safety event successful

Make your ped/bike events and educational activities more successful by providing items that reinforce safe walking and bicycling practices. Items listed below are available at no charge to qualifying Florida organizations. Visit www.pedbikesrc.ce.ufl.edu for descriptions, illustrations, and ordering information.

Educational

- Bike Teaching Kit **NEW!**
- Pedestrian Teaching Kit **NEW!**

Reflective

- Bike, Walk, Run Bandana **NEW!**
- Safety Vest (Adult or Child) **NEW!**
- School Bus Zipper Pull
- Bike, Walk, Run Lanyard
- Bike, Walk, Run Wristband
- Bike, Walk, Run Child Size Wristband
- Bike, Walk, Run Spoke Sliders

Stickers

- Use Your Head (Dog) (Bilingual)
- Use Your Head (Moose)
- Walk Safely!
- Walking School Bus

Tattoos

- I'm Safe - Think Before You Step
- I'm Safe - Be Safe! Wear a Helmet
- I'm Safe - Think B4 You Step
- I'm Safe - Use Your Brain! Wear a Helmet!

Other Fun Stuff

- Bike Bell **NEW!**
- Eraselets (Erasing bracelet) **NEW!**
- Light-up Whistle Lanyard
- Light-up Bicycle Magnet Pin (Adult Only)
- Bike, Walk, Run Sun Visor
- Bike, Walk, Run Rainbow Pencils
- Bike, Walk, Run Fanny Pack
- SRTS Pedometer
- SRTS Blinking Lights
- 4-Pack Crayola Crayons
- Be Safe Be Seen Mood Pencils

Activity Sheets

- Bike Riding Dangers
- GOT GEAR?? Safe to the Xtreme
- I'm Safe! Paint Sheet – Bike ***E/S**
- I'm Safe! Paint Sheet – Walk ***E/S**
- Paul's A-Maze-ing Trip
- Sara and Her Bike
- Secret Code
- Walk 'n Roll Punch Cards
- What's Wrong with This Picture?

Bookmarks

- CROSSWALK COUNTDOWN!
- I'm A Safe Walker
- Walk 'n Roll
- Wear Your Helmet
- You Can't Stop a Train

CDs

- Bicycle Safer Journey
- Safer Journey
- Walk Smart & Bike Smart

DVDs

- Walk to School — Safe is Cool **NEW!**
- Children in Traffic
- Courtesy Promotes Safety
- Disney Safety Hits Vol. 1
- Disney Safety Hits Vol. 2 (LOAN)
- Florida School Crossing Guard Training Program
- I'm Safe - On Wheels
- I'm Safe - Walk with Me
- Jello in a Jar
- Middle School Helmet Safety Program
- Pedestrian Law Enforcement Training
- Professor Helmut on Helmets
- Ride Smart: It's Time to Start
- Slow Down/Pay Up or Crash

Posters

- Be Safe Be Bright, Retro Reflectivity
- Hispanic Pedestrian Poster: Crosswalk and Signals
- Hispanic Pedestrian Poster: Caution
- Hispanic Pedestrian Poster: Sidewalks
- Hispanic Bicycling Poster
- Are You A Safe Walker?
- I'm Safe On My Bike

Books

- Florida Pedestrian Law Enforcement Guide **NEW!**
- Cycling Skills Clinic Guide **NEW!**
- Bicycle Safety
- Cycling Skills Clinic Guide
- Sprocketman Comic Book

Coloring Books

- Safety Fun (Spanish) **NEW!**
- Traffic Safety **NEW!**
- Practice Bike Safety **NEW!**
- I'm Safe on My Bike
- I'm a Safe Walker
- Safety Fun

Brochures

- A Kid's Guide to Safe Walking
- Bicycle Safety: What Every Parent Should Know ***E/S**
- Bicyclist Make Safe Choices/ Rules of the Road
- Crosswalk Safety ***E/S**
- Easy Steps to Properly Fit a Bicycle Helmet
- EL EQUIPO ADECUADO
- Getting to School Safely
- How To Fit & Wear Your Bicycle Helmet ***E/S**
- Kids Physical Activity ***E/S**
- Know the Rules - Going To & From School ***E/S**
- Neighborhood Safety ***E/S**
- Parent's Guide
- PEATÓ & PONGA ATENCIÓN...
- Prevent Pedestrian Crashes
- Road Riders Are Drivers
- Tips for Parents and Other Adults for Teaching Pedestrian Safety to Children ***E/S**
- Tips for Walking Safely to School (Spanish)

***E/S: Available in English and Spanish**



Every Day Counts (EDC) Corner

Florida's efforts to move our transportation system forward through innovations

Every Day Counts (EDC) was originally launched by the Federal Highway Administration (FHWA) in October 2010 as a state-based program designed to identify and deploy innovation aimed at shortening project delivery, enhance the safety of our roadways, and improve environmental sustainability. EDC is not about inventing the “next big thing”; rather, it is about taking effective, proven, and market-ready technologies and fostering widespread use of these advancements. By advancing 21st Century solutions, we will improve safety, reduce congestion, and keep Florida moving and competitive.

What is the Benefit to Local Agencies?

At first glance, you may think that EDC is only targeted towards State DOTs and high capacity roadways, which simply isn't true. Did you know that over 40% of the U.S. highway system consists of paved local roads? If we are going to move Florida's transportation system forward, we must examine roadways of all functional classifications. Many of the EDC initiatives are tailor-made for these local roads and the agencies that maintain them.

Sixteen EDC initiatives were initially rolled out in 2010, and many are already being implemented on local roads in Florida. We have seen an increased use of warm-mix asphalt technology, and the Safety EdgeSM is being utilized on many paving jobs where there is little or no shoulder. Accelerated Bridge Construction (ABC) is now being considered for local bridge projects. ABC uses safe and cost-effective planning, design, materials, and construction methods to reduce the onsite construction time involved in building new bridges or replacing and rehabilitating existing bridges.

While the first round of EDC summits was a success, the effort did not stop with those initiatives. The latest round of technologies (EDC2) has been introduced, and various stakeholder groups are currently formulating plans for their rapid implementation. Among the thirteen EDC2 initiatives, there are: High Friction Surface Treatments, Implementing Quality Environmental Documents, SHRP 2 National Traffic Incident Management Responder Training, Local Public Agency assistance with Federal-aid Projects, and innovative Intersection and Interchange Geometrics.



What is Florida Doing?

To champion the EDC technologies in Florida, FHWA has established a State Transportation Innovation Council (STIC). This group is composed of a diverse staff from FHWA, Florida Department of Transportation (FDOT), Florida Transportation Builders Association (FTBA), Florida Institute of Consulting Engineers (FICE), Florida Metropolitan Planning Organization-Advisory Council, and Florida representatives from the American Public Works Association (APWA) and the National Association of County Engineers (NACE). As stated above, EDC is a state-based approach, which means that the Florida STIC decides which initiatives to advance and aggressively promote. The STIC meets quarterly and takes a lead role in providing more effective review and adoption of the initiatives.

Future editions of EDC Corner will discuss some of these initiatives in depth, the ways in which they are being implemented right here in Florida, and how they can benefit local agencies. Please visit www.fhwa.dot.gov/everydaycounts for more information about the various EDC1 and EDC2 initiatives. Stay tuned to the website for the “Innovation of the Month” beginning in June. Each month, FHWA will focus on one EDC initiative and provide in-depth information via YouTube videos that provide an overview of the innovation, interviews with subject matter experts for the innovation, and a list of projects where the innovation has been used.

Would you like to be involved with implementing one or more of these initiatives? Visit fhwa.dot.gov/everydaycounts for more information on this effort and to find out what your agency can do to move Florida forward. 🍊

Upcoming Workshops

Visit t2ctt.ce.ufl.edu to view the full course listings or to register for any of our sessions. To get in touch with someone about T2 workshops, email t2workshops@ce.ufl.edu or call 352.273.1670. For CTQP courses, email ctt@ce.ufl.edu or call 352.273.1669. We look forward to serving you. Training on *your* terms.

Advanced Maintenance of Traffic

May 21–22, 2013	Pompano Beach
June 4–6, 2013	Tallahassee
June 11–13, 2013	Gainesville
June 18–20, 2013	Crestview
June 25–27, 2013	Panama City
July 9–11, 2013	Temple Terrace
July 16–18, 2013	Milton
August 6–7, 2013	Pompano Beach

Advanced Maintenance of Traffic - Refresher

June 6, 2013	Tallahassee
June 13, 2013	Gainesville
June 20, 2013	Crestview
June 27, 2013	Panama City
July 11, 2013	Temple Terrace
July 18, 2013	Milton

Asphalt Paving Level 1

May 21, 2013	Cape Coral
June 11, 2013	Temple Terrace
July 7, 2013	Orlando

Asphalt Paving Level 2

May 22–24, 2013	Cape Coral
June 12–14, 2013	Temple Terrace
July 9–11, 2013	Orlando

Asphalt Plant Level 1

July 17–19, 2013	Gainesville
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Earthwork Construction Inspection Level 1

July 16–17, 2013	Gainesville
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Earthwork Construction Inspection Level 2

July 18–19, 2013	Gainesville
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FDOT Concrete Field Inspector Specification

June 17–19, 2013	Davie
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Final Estimates Level 1

July 17, 2013	Davie
July 17, 2013	Temple Terrace

Final Estimates Level 2

July 18–19, 2013	Davie
July 18–19, 2013	Temple Terrace

Intermediate Maintenance of Traffic

May 22–23, 2013	Gainesville
May 29–30, 2013	Punta Gorda
June 5–6, 2013	Milton
June 12–13, 2013	Palm Coast
June 19–20, 2013	Pompano Beach
June 26–27, 2013	Fort Myers
June 26–27, 2013	Jacksonville
June 26–27, 2013	Temple Terrace
July 10–11, 2013	Panama City

July 10–11, 2013

Punta Gorda

July 17–18, 2013

Tallahassee

July 24–25, 2013

Gainesville

Intermediate Maintenance of Traffic - Refresher

May 21, 2013	Gainesville
June 4, 2013	Milton
June 5, 2013	Pompano Beach
June 11, 2013	Palm Coast
June 25, 2013	Fort Myers
June 25, 2013	Jacksonville
June 25, 2013	Temple Terrace
July 9, 2013	Panama City
July 9, 2013	Punta Gorda
July 16, 2013	Tallahassee
July 23, 2013	Gainesville

Intersection Capacity Analysis

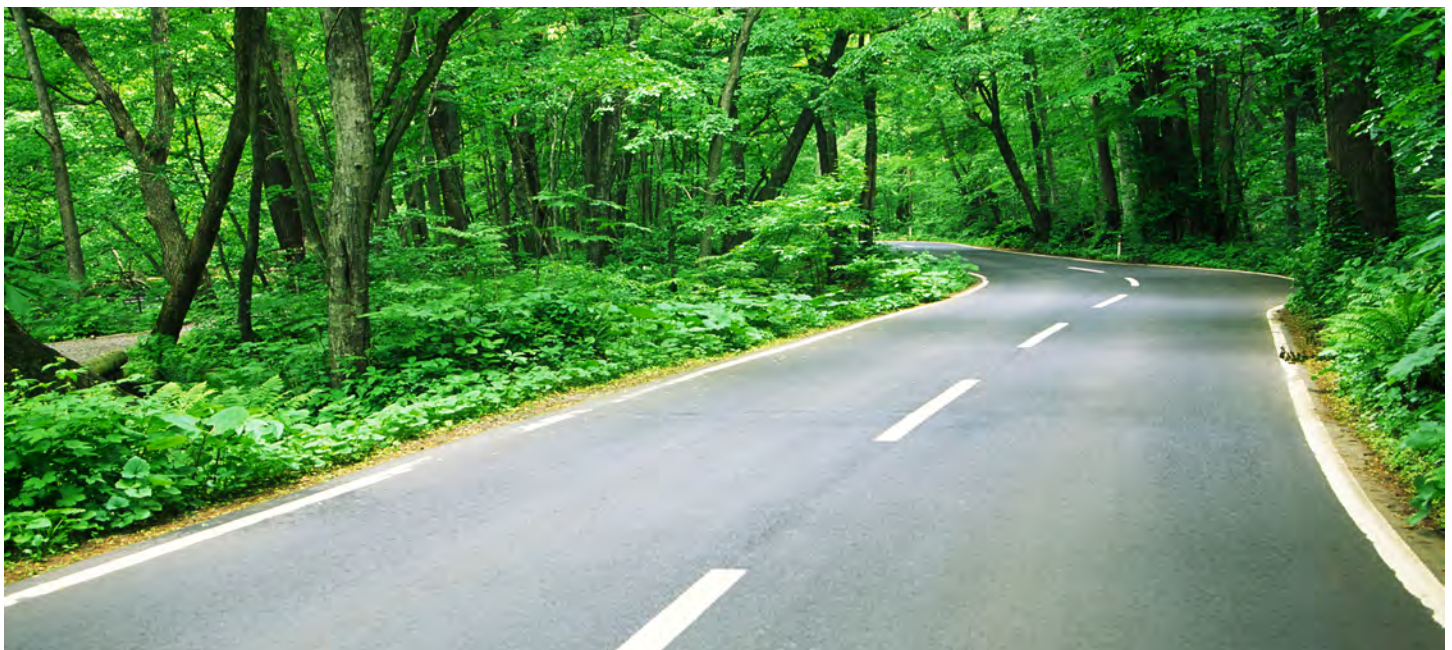
June 25, 2013	Bradenton
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Pilot/Escort Flagging

June 6, 2013	Gainesville
June 18, 2013	Orlando
June 30, 2013	Panama City
July 11, 2013	Gainesville
August 1, 2013	Gainesville

Quality Control Manager

June 20–21, 2013	Davie
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BKD75 977-35 Development of a Smear Proof Horizontal and Vertical Permeability Probe

BKD75 977-69 Redesign of FDOT State Materials Office (SMO) Testing Standards

Public Transit

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