

Florida Technology Transfer Quarterly

A Traffic Engineering and Safety Workforce Training Update



Florida Transportation Technology Transfer Center



Would we see our roads differently if cars weren't cars?

Turn to Page 4 to read about FDOT District 7's unique safety campaign



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Mark Your Calendars

March 20-22	National Bike Summit, Washington, DC League of American Bicyclists bikeleague.org/conferences/summit12
March 24-30	"Forgotten Coast Tour" Bike Florida www.bikeflorida.org/bf2012/2012.php
April 2-6	Annual Meeting & Trade Show, Tampa APWA Florida Chapter florida.apwa.net
April 13-27	National Work Zone Awareness Week Federal Highway Administration safety.fhwa.dot.gov
May 20-26	National Public Works Week APWA apwa.net/about/npww

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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. 31694
Product Demonstration Showcases	EXT. 31687
Safety Resource Center	EXT. 31680
Occupant Protection Resource Center	EXT. 31681
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Florida Technology Transfer Quarterly, published by the Florida Transportation Technology Transfer (T2) Center at the University of Florida Engineering School of Sustainable Infrastructure & Environment, facilitates information exchange relating to roads, bridges, general surface transportation, and safety.

Our programs are sponsored through partnerships between the Florida Department of Transportation (FDOT) and the Federal Highway Administration (FHWA) and include the Local Technical Assistance Program (LTAP), the Product Demonstration Showcase (PDS) Program, the Pedestrian/Bicycling Safety Resource Center, and the Center for Transportation Training (CTT), which offers Construction Training Qualification Program (CTQP) courses.

Interested parties may receive this publication at no cost by sending name, agency, address, city, state, zip code, phone, and email to t2assist@ce.ufl.edu. Newsletter content and accuracy is the exclusive responsibility of the Florida T2 Center.

Circulation: 16,037



Announcing the Florida Occupant Protection Resource Center

Protecting Florida's Young People from the Avoidable Consequences of Unsafe Practices

We are happy to announce the opening of Florida's Occupant Protection Resource Center (OPRC), promoting child passenger safety activities by providing information, educational materials, child safety seats, and booster seats to qualified advocacy groups* around the state. Thanks to the Florida Department of Transportation (FDOT) Safety Office for the vision, foresight, and funding to make this one-stop shop a reality, enabling Florida's youngest residents to be the safest anywhere. Despite great strides in the United States, thousands of young people continue to suffer unnecessary fatalities or serious injuries because they have not been properly restrained in a child safety seat, booster seat, or seat belt.

The OPRC collection of materials will be constantly expanded to offer a wide variety of resources and information on child passenger safety issues, the latest child safety seat recalls, relevant laws and policies, and correct installation of safety seats and booster seats. It will also provide steps for how qualified advocacy groups can obtain child safety seats and booster seats at an affordable price and will be a source for dates and times of local checkpoints where parents can learn how to correctly install their particular child safety seat. In addition, the OPRC will have an extensive collection of free child safety-related educational and promotional materials available by request to qualifying organizations to help support child passenger safety. Pertinent occupant protection-related articles from the State of Florida and around the country will be available for viewing and downloading from the website. Parental guides, activity books, and informational videos have been ordered and will be available. The website is scheduled for launch during the first quarter of 2012.

The OPRC will operate in conjunction with the Safe Kids Coalition, a worldwide organization dedicated to providing programming for the education about, as well as the awareness and avoidance of, preventable injuries to young people. The OPRC website will focus its resources to provide general information on the need for and the importance of promoting proper occupant restraint

use for children, youth, and young adults.

This new center will also be a central source for information on upcoming activities related to child passenger safety, particularly National Highway Traffic Safety Administration (NHTSA) sponsored events, such as the Child Protection Safety (CPS) week which is scheduled for the third week in September. The OPRC invites any organization involved with child passenger safety or occupant protection to submit resources, links, and upcoming area events to be included on the website to help make this new Resource Center a complete one-stop-shop for what is available and what is happening in Florida related to occupant protection. Additionally, please feel free to call us at 352.273.1681 or email us at dwlewis@ad.ufl.edu with your suggestions on how we can improve this valuable resource.

Occupant protection and child passenger safety are high priorities for the FDOT, and protecting passengers from avoidable injury and death will be the primary goal of the OPRC. The Florida T2 Center encourages all Florida residents to get involved with the OPRC and use the available resources. Working together, we can make Florida's roads and travel systems the safest.

* Please contact the OPRC to see if your advocacy group qualifies to receive child passenger safety seats. 🍊



Unique Safety Campaign — Should your agency run it?

See The Blindspots campaign provides a new take on pedestrian and bicyclist awareness

In October 2011, Florida Department of Transportation (FDOT) District 7 launched their See The Blindspots campaign, a very innovative initiative designed to grab the attention of citizens and reduce pedestrian and bicyclist fatalities by educating the public on the high number of injuries and fatalities recorded in Florida, especially in the Tampa Bay area.

This inventive campaign uses direct, conversational language to present data on “the bone crushing truth” of fatalities in the Sunshine State. According to the campaign website, Florida leads the nation in pedestrian fatalities, with nine pedestrians killed every week, and one pedestrian injured every seven hours in Tampa. Even the bicyclist fatality rate is more than twice the national average, with Hillsborough County nearly tripling the national average.

What are the statistics in your area? View the 2010 Florida Highway Safety and Motor Vehicles Traffic Crash Statistics Report at flhsmv.gov/hsmvdocs/CS2010.pdf to find out. Unfortunately, the numbers may be worse than you think. The campaign website laments, “If getting hit by a car were a deadly disease, Florida would be in the middle of a full-blown epidemic with no cure in sight.”

But the campaign proposes an antidote: knowledge. It does not place blame, but rather names all of us as being responsible for the data—whether on foot, two wheels, or four. The root of the cause, as the website asserts, is the fact that the majority of Floridians are not even aware of the basic pedestrian safety laws. We, as transportation and public works professionals, must work to educate our citizens and tourists. Besides launching the illuminating website, the campaign has also created a television commercial and several posters (as seen on the cover). These images compare pedestrians and bicyclists

to imposing forces such as tanks, trains, and elephants, in order to highlight the impact vehicles can have, placing further emphasis on the need for attention to safety laws from all parties. What can your agency do to help reduce pedestrian and bicycle injuries and fatalities in your jurisdiction?



The goal is to raise so much awareness that pedestrian fatalities are reduced by 20% before the year 2015. The website recognizes “Florida’s ongoing effort to improve engineering, education, enforcement, and emergency services” as an immense help towards solving the problem, but it warns that such changes can only take us so far. Now, it is up to us as transportation and public works professionals who are responsible for Florida’s roadways to ask, “What can we do to improve the statistics?” The campaign encourages each of us to take ownership of our actions and spread the word to citizens and visitors about the dangers of ignorance. It urges us to consider the vast number of people traveling on our roadways each day and to make the roads safer for them. As the website declares, “It’s time for all of us to open our eyes and See The Blindspots.”

Please visit seetheblindspots.com to view the full campaign, share it with your colleagues, and see if your agency would benefit from running something similar. The campaign materials are already developed and can be made available throughout Florida. The FDOT may be able to assist in expanding it to other state districts, but why stop there? This campaign could go national! It’s time to explore what your agency can do to

See The Blindspots. 🍊

Every Day Counts (EDC) Exchanges

Still accepting registrations for four remaining events

There is still time to register for these FREE, nationally broadcast learning sessions, but space is limited! Contractors, consultants, FDOT professionals, local public agency representatives, and tribal members are invited to participate from Tallahassee, Ocoee, or Davie to hear about “market-ready” EDC technologies from national subject matter experts on the following topics:

- **Geosynthetic Reinforced Soil (GRS)**
February 16, 2012
- **Flexibility in ROW**
April 19, 2012
- **In Lieu Fees / Mitigating Banking**
June 21, 2012
- **Adaptive Signal Control Technologies (ASCT)**
August 16, 2012

Each session will include the opportunity to ask these experts questions about the scheduled topics. Visit www.t2ctt.ce.ufl.edu/EDCExchange for more information or to register.

If you have further questions, please contact

Karen Brunelle,
FHWA Florida Division's EDC Coordinator, at 850.553.2218 or karen.brunelle@dot.gov.

You are also invited to share information or learn more about EDC initiatives in other states and cities by participating in the online “Community of Practice” forum available on the EDC website. Just visit www.fhwa.dot.gov/everydaycounts and click **EDC Forum**.

Did you miss the first EDC Exchange? Visit www.fhwa.dot.gov/everydaycounts to view the information on that session. 🍊



FDOT Receives National Recognition

“Making Roadways Safer for Motorcycles” video earns FDOT National Roadway Safety Award

Last November, the Roadway Safety Foundation (RSF) and the Federal Highway Administration (FHWA) recognized nine exemplary highway projects and programs from across the country as winners of the biennial National Roadway Safety Awards. Winners are credited for reducing fatalities and injuries on our nation’s roadways through excellence and innovation in operations, planning, and design. Each of the National Roadway Safety Award recipients was evaluated on innovation, effectiveness, and efficient use of resources.

The Florida Department of Transportation (FDOT) received recognition for its “Making Roadways Safer for Motorcycles” video, a collection of live action segments, which are designed to assist the viewer with understanding how motorcycles differ from cars and other

standard four-wheeled vehicles, when interacting on the roadways. The video’s facts and images are aimed at educating road design, construction, and maintenance officials on what they can do to make the roadway system the safest it can be.

Congratulations to FDOT for its outstanding work and on receiving such a prestigious accolade. Cinematographer Robert Seidler and The Florida T2 Center team developed the video and curriculum as part of an FDOT grant.

To view the video and curriculum, visit our website www.t2ctt.ce.ufl.edu/t2ctt/Motorcycle_Safety_Materials.asp where you can download materials to share or to use in your organization.

Visit www.roadwaysafety.org/programs/roadway-safety-awards for more information about the awards. 🍊



FACERS Annual Awards

Each year, the Florida Association of County Engineers and Road Superintendents (FACERS) honors a Public Works Employee, Small Agency or Rural* Engineer, Large Agency or Urban* Engineer, a Team Project of the Year, and Local Agency/State Agency Collaboration for projects completed in the previous year. Awards are open to all individuals in public works, transportation, and engineering in Florida's counties and cities.

Nominees and nominators are not required to be FACERS members. The Awards Committee sends a letter to all nominees informing them of their nomination. Winners are recognized statewide at the annual FACERS conference and are featured in the Florida Technology Transfer Quarterly. The Engineer award recipients may also qualify for national recognition.

*Small Agency/Rural is defined as having a population less than 100,000. Large Agency/Urban is defined as having a population of 100,000 or more.

How do I nominate someone?

If you have a nominee in mind for an award, enter them and brag! Make sure the effort was completed in 2011, and then fill out the form below and send it by email (t2@ce.ufl.edu) or fax (352.392.3224) along with a brief description of each of the following elements:

- Outline of need/timeliness
- Impact on the agency budget
- Impact on the community
- Innovations used
- Leadership needed to successfully complete the project

Alternatively, you can submit the form online by visiting t2ctt.ce.ufl.edu/2012FACERSawardnominations and typing the necessary information into the required fields. Then just click submit, and you're done!

Nominee / Team Leader Information:

Name _____ Position _____

Agency Name _____ Phone _____

Address _____ City, State, Zip _____

Email _____

Nominated For (e.g., Public Works Employee): _____

Project Name _____ City/County _____ Date Finished _____

Your Information: By signing below, I certify that this individual/team has participated in a local project that has had a major impact toward improving our local services and protecting our citizens' best interests.

Name _____ Position _____

Agency Name _____ Phone _____

Address _____ City, State, Zip _____

Email _____

Signature _____ Date _____





2012 Meeting & Trade Show - Tampa, FL

Tentative Agenda

Monday, April 2

8:30 am – 5:00 pm	Registration Open
9:00 am – 5:00 pm	Equipment Rodeo Set-up
9:00 am – 5:00 pm	Exhibit Hall Set-up
9:00 am – 12:30 pm	Technical Sessions AM
10:15 am – 11:15 am	1st Timers Session
12:30 pm – 2:30 pm	Opening Session
2:45 pm – 3:45 pm	Technical Sessions PM
2:45 pm – 4:45 pm	Public Works Director Roundtables
5:00 pm – 6:30 pm	President's Reception
7pm	Tampa Bay Lightning Game

Tuesday, April 3

7:30 am – 5:00 pm	Registration Open
8:00 am – 12:00 pm	Exhibitor Move-in (bulk space only)
8:00 am – 9:00 am	Keynote Presentation
8:00 am – 1:00 pm	Golf Tournament
9:00 am – 11:15 am	Technical Sessions AM
9:00 am – 3:00 pm	Equipment Rodeo
1:00 pm – 6:00 pm	Exhibitor Move-in (10' x 10' booth space)
1:30 pm – 3:45 pm	Technical Sessions PM
6:30 pm – 9:30 pm	Off-site Party

Wednesday, April 4

7:30 am – 4:00 pm	Registration Open
9:00 am – 10:00 am	Coffee & Danish (in exhibit hall)
9:00 am – 4:00 pm	Exhibit Show Open
10:00 am – 4:00 pm	Student Expo
12:30 pm – 1:30 pm	Lunch with Exhibitors
4:00 pm – 8:00 pm	Exhibitors Move-out
8:00 pm – 9:30 pm	Young Professionals Networking Reception (35 & under)

Thursday, April 5

8:00 am – 5:00 pm	Registration Open
8:00 am – 11:15 am	Branch Officer Training
9:00 am – 11:15 am	Technical Sessions AM
11:30 am – 2:30 pm	Awards / Scholarship Luncheon
3:00 pm – 4:30 pm	Executive Committee Meeting
5:00 pm – 6:30 pm	Farewell Reception

Technical Sessions

Monday:

- Erosion and Sedimentation Control Certification Course
- Buoyant Flow Control Devices: An Innovative Tool for Reducing Stormwater Management Pond Size Requirements in Florida
- EMI Debris Management Certification: note this is a 2-day session
- Advantages and Benefits of utilizing Evothrm Warm Mix Asphalt
- Legislative Update
- The Public Organization and Organizational Development
- Erosion and Sedimentation Control Certification Course
- Lee's Summit MO Case Study: Smart Traffic Signals
- Dealing with the New Normal - Making the Most of Reduced Re-surfacing Budgets
- Public Organizations Leadership and Ethics
- LAP Specification Update
- Innovative Approach to Regional Transportation Planning in Florida
- FEMA Resource Typing and Professional Qualifications: How They Work to Make Emergency and Disasters Easier to Cope With
- Public Works Directors Roundtable
- MicroPaver Roundtable
- Ending Long Term Care of Your Landfills
- Sustainable Municipal Initiatives to Save Resources and Money

Tuesday:

- City of Gainesville Gets Collaborative
- Sustainability: Simple Solutions to a Complex Problem
- Understanding Pavement Project Selection
- Political Economy
- Can You Improve Your Municipal Waste Collection Program? Think Automation!
- Erosion and Sedimentation Control Certification Exam
- Design-Build Methodology: A City of Tampa Case Study
- Mobile LiDAR Data Collection
- Mix of Fixes Strategy
- Synergistic Opportunities for Integration of Solid Waste Conversion Technologies with Public Works
- FBPE Laws and Rules
- Generation X and Y
- Understanding Preservation Treatments
- Successful Private-Public Fleet Management
- Lessons Learned from Pavement Management Case Studies
- FBPE Laws and Rules
- Hillsborough Public Facilities Repair and Maintenance Program
- Achieving Quality Roads Through Better Specifications
- Strategic Planning

Thursday:

- Branch Officer Training
- Providing Excellent Customer Service
- National Environmental Policy Act (NEPA)
- Curing Low Morale in the Workplace
- Advanced Technologies to Reclaim Roadways
- New Alternatives for Calculating Parks & Recreation LOS
- Solid Waste in Florida, the Tide is Changing
- Owner-Customized Project Delivery: Why Settle for Less?
- Water Quality Project Prioritization Tool to Address TMDL

Visit florida.apwa.net for information or to register.

Suppliers, call or email about booth space:

727.548.7200 or info@corporateevents-tampabay.com 

Streamlining the LAP Process Continues

FDOT and FACERS work together to improve operations and document changes

For the last year, a team of Florida Department of Transportation (FDOT) staff has been working with Florida Association of County Engineers and Road Superintendents (FACERS) representatives through a Community of Practice to streamline the process for administering Local Agency Program (LAP) projects. FDOT's website now includes a comprehensive list of resources to assist with the development of these LAP projects. As changes are made

to the LAP process, the updates are documented in the "Asked and Answered" section. The website also includes a description of the Local Agency Program Information Tool (LAPIT) intended to streamline documentation for LAP projects. Visit www.dot.state.fl.us/projectmanagementoffice/lap to access these helpful resources and stay informed about LAP. 🍊

Submitted by John Goodknight, PE, PhD



Go Green and Keep in Touch

with the Florida Technology Transfer Quarterly — Electronic Edition

One of our goals at the T2 Center is to grow the list of folks who receive our newsletter electronically. We always have more material than we can fit into one issue, so we will be introducing short email newsletter updates between hardcopy issues. Receiving these communications will keep you updated with timely information, articles, and training calendars.

Join the growing list already receiving newsletters by email. If you would like to continue receiving our carefully selected information, please send us an email at t2assist@ce.ufl.edu with your name, organization, and email address. As soon as the newsletter is available, you will receive an email with a link to the electronic version on our website. Thanks in advance for being green and helping us to keep you informed! 🍊

The University of Florida's New School

Announcing the Engineering School of Sustainable Infrastructure & Environment (ESSIE)

The University of Florida has recently established the Engineering School of Sustainable Infrastructure & Environment (ESSIE). The University has named Dr. Kirk Hatfield as the inaugural Director of ESSIE, the first school formed within the College of Engineering. At the cutting edge of integrating civil, coastal, oceanographic, and environmental engineering sciences, the school will pioneer research, education, and sustainable, environmentally responsible, and world-friendly engineering technologies.

As part of this new school, the Florida T2 Center will be furthering its mission to transform engineering research and technology into common practice and will continue to foster a safe, efficient, environmentally sound transportation system by improving skills, knowledge, and safety. We are proud to be involved in the university's ongoing efforts to strive for excellence.

Please visit www.essie.ufl.edu for more information about ESSIE. 🍊

April is National Distracted Driving Awareness Month

www.focusdriven.org

May is Bicycle Safety Month

www.bikeleague.org/index.cfm

May is also Motorcycle Safety Awareness Month

www.nhtsa.dot.gov

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 organizations. Visit www.pedbikesrc.ce.ufl.edu for descriptions, illustrations, and ordering information.

Books

- A Resident's Guide for Creating Safe and Walkable Communities
- Cycling Skills Clinic Guide **NEW**
- Florida Bicycle/Pedestrian Law Enforcement Guide
- Florida Bicycling Street Smarts
- How to Develop a Pedestrian Safety Action Plan
- Pedestrian Safety Guide for Transit Agencies
- Pedestrian Safety Workshop: A Focus on Older Adults
- Pedestrian Safety Workshop: A Focus on Older Adults Instructor Guide
- PEDSAFE: Pedestrian Safety Guide and Countermeasure Selection System
- Practice Bike Safety
- Statewide Bicycle Facilities Study
- The Guide to Bicycle Rodeos
- Traffic Safety

Publications

- A Kid's Guide to Safe Walking
- Bicycle Safety
- Bicycle Safety: What Every Parent Should Know ***E/S**
- Bicyclist Make Safe Choices/Rules of the Road
- Bike Riding Dangers
- CROSSWALK COUNTDOWN!
- Crosswalk, Corners and Critters Coloring Book **NEW**
- Crosswalk, Corners and Critters Memory Cards **NEW**
- Crosswalk Safety ***E/S**
- Easy Steps to Properly Fit a Bicycle Helmet
- EL EQUIPO ADECUADO
- Florida Specifier
- GOT GEAR?? Safe to the Xtreme **NEW**
- How To Fit & Wear Your Bicycle Helmet ***E/S**

- I'm A Safe Walker
- I'm Safe - On My Bike
- I'm Safe on My Bike Coloring Book **NEW**
- I'm a Safe Walker Coloring Book **NEW**
- I'm Safe! Paint Sheet - Bike ***E/S**
- I'm Safe! Paint Sheet - Pedestrian ***E/S**
- I'm Smart About People
- Kids Physical Activity ***E/S**
- Know the Rules - Going To & From School ***E/S**
- Let's Walk to School Coloring Book
- Neighborhood Safety ***E/S**
- Parent's Guide - Child Safety on Your Street
- Paul's A-Maze-ing Trip
- PEATON, PONGA ATENCION...
- Prevent Pedestrian Crashes
- Road Riders Are Drivers
- Safety Fun Activity Book ***E/S**
- Sara and Her Bike
- Secret Code
- Sprocket Man Comic Book
- Stepping Out
- Teacher's Guide - Walk With Me
- The Top Ten Rules of Bicycle Safety
- Tips for Parents and Other Adults for Teaching Pedestrian Safety to Children ***E/S**
- Tips for Walking Safely to School ***E/S**
- Walk 'n Roll Activity Book
- Walk 'n Roll Bookmark
- Walk 'n Roll Punch Cards
- Wear Your Helmet
- What's Wrong with This Picture?
- You Can Teach Your Child to Walk Safely ***E/S**
- You Can't Stop a Train

Reflective

- Be Safe Be Seen Reflective Wristlet
- SRTS Reflective Wrist Band
- Reflective Zipper Pull

Stickers

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

Posters

- Are You A Safe Walker?
- Bicyclist Poster II (Spanish)
- Bicyclist Poster (Spanish)
- Pedestrian Poster: Intoxicated (Spanish)
- Pedestrian Poster: Sidewalks (Spanish)
- I'm Safe On My Bike

Tattoos

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

Other

- Brain Erasers **NEW**
- 4-Pack Crayola Crayons
- Whistles **NEW**

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



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 352.273.1694, and we will print a copy for you to check out of our Media Center.

- Bridge Evaluation Quality Assurance in Europe
- Safety Impacts of Pavement Edge Drop-offs
- The Transportation Planning Process Key Issues
- Statewide Opportunities for Integrating Operations, Safety, and Multimodal Planning
- Women's Issues in Transportation Volume 2: Technical Papers-Summary of the 4th International Conference
- Sustainable Public Transportation: Environmentally Friendly Mobility
- An Agency Guide on Overcoming Unique Challenges to Localized Congestion Reduction Projects
- A Comprehensive Framework for Off-Highway Vehicle Trail Management
- Applying Instructional Design Practices to Evaluate and Improve the Roadway Characteristics Inventory
- Integrated Database and Analysis System for the Evaluation of Freeway Corridors for Potential Ramp Signaling
- The Relationship of Title VI Requirements to Planning Processes in Florida
- Recommendations for Meeting the Transportation Needs of Michigan's Aging Population
- Determination of Personal Exposure to Traffic Pollution While Travelling by Different Modes
- A Primer on Work Zone Safety and Mobility Performance Measurement
- Recording and Presentations from October 31 Webinar on Work Zone Process Reviews
- U.S. DOT Releases 2011 Update to ITS Benefits, Costs, Deployment, and Lessons Learned Desk Reference

FDOT Summary of Final Research Reports New topics available!

Access the FDOT website www.dot.state.fl.us/research-center for these summaries and final reports. Go to the Research Center Topics drop-down menu in the lower left corner of the page and click on Completed Research. Summaries are listed by category.

Construction

BDK-84-977-08 Evaluation of the Hybrid Slurry Resulting from the Introduction of Additives to the Mineral Slurry

Materials

BDK75 977-10 Base Course Resilient Modulus for the Mechanistic-Empirical Pavement Design Guide

Planning

BDK84 977-12 The Relationship of Title VI Requirements to Planning Processes in Florida

Public Transportation

BDK85 977-21 Improving Value of Travel Time Savings Estimation for More Effective Transportation Project Evaluation

BDK85 977-15 Expanding the Google Transit

Feed Specification to Support Operations and Planning

Roadway Design


BDK82 977-01 Operational and Safety Impacts of Restriping Inside Lanes of Urban Multi-lane Curbed Roadways to 11 Feet or Less to Create Wider Outside Curb Lanes for Bicyclists

Structures

BDK78 977-07 Long-Term Maintenance Monitoring Demonstration on a Movable Bridge

Traffic Engineering and Operations

BDK83 977-09 Aging Driver and Pedestrian Safety Human Factors Studies

BDK80 977-08 An Integrated Database and Analysis System for the Evaluation of Freeway Corridors for Potential Ramp Signaling 

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

February 8–10, 2012 Crestview
 February 15–17, 2012 Orlando
 February 29 – March 2, 2012 Punta Gorda
 March 28–29, 2012 North Miami Beach
 March 28–30, 2012 Temple Terrace
 April 11–13, 2012 Gainesville
 April 18–20, 2012 Crestview

Advanced MOT - Refresher

February 7, 2012 Crestview
 February 14, 2012 Orlando
 February 24, 2012 Fort Myers
 February 28, 2012 Punta Gorda
 March 14, 2012 North Miami Beach
 March 27, 2012 Temple Terrace
 April 10, 2012 Gainesville
 April 17, 2012 Crestview

Asphalt Mix Design

March 19–22, 2012 Gainesville

Asphalt Paving Level 1

February 6, 2012 Jacksonville
 February 20, 2012 Chipley

Asphalt Paving Level 2

February 7–9, 2012 Jacksonville
 February 21–23, 2012 Chipley

Asphalt Plant Level 1

February 22–24, 2012 Gainesville
 April 4–6, 2012 Gainesville

Asphalt Plant Level 2

April 17–19, 2012 Orlando

Backhoe Safety/Hands-on

February 21, 2012 Sarasota
 February 23, 2012 Pensacola

Bucket Truck Safety/Hands-on

March 13, 2012 Pensacola

Chainsaw Safety/Hands-on

February 29, 2012 Palatka

Drilled Shaft Inspection

March 19–21, 2012 Orlando

Earthwork Construction Inspection Level 1

February 28–29, 2012 Tampa

March 27–28, 2012

April 10–11, 2012

Earthwork Construction Inspection Level 2

March 1–2, 2012 Tampa
 March 29–30, 2012 Pompano Beach
 April 12–13, 2012 Orlando

EDC Exchanges for Market-Ready Technologies - FREE

February 16, 2012 Tallahassee, Ocoee, Davie
 April 19, 2012 Tallahassee, Ocoee, Davie

FDOT Concrete Field Inspector Specification

February 6–8, 2012 Chipley
 April 23–25, 2012 Pompano Beach

Final Estimates Level 1

March 7, 2012 West Palm Beach
 March 12, 2012 Lakeland
 April 11, 2012 Gainesville

Final Estimates Level 2

March 8–9, 2012 West Palm Beach
 April 12–13, 2012 Gainesville

Forklift-Powered Industrial Truck - Safety/Hands-on

February 21, 2012 Pensacola

Gradall Hands-On

April 24–26, 2012 Pensacola

Intermediate Maintenance of Traffic

February 7–8, 2012 North Miami Beach
 February 15–16, 2012 Temple Terrace
 February 21, 2012 Punta Gorda
 March 7–8, 2012 Punta Gorda
 March 7–8, 2012 Tallahassee
 March 21–22, 2012 Crestview
 March 21–22, 2012 Gainesville
 March 21–22, 2012 Orlando
 April 25–26, 2012 North Miami Beach
 May 2–3, 2012 Punta Gorda
 May 2–3, 2012 Temple Terrace

Intermediate MOT - Refresher

February 14, 2012 Temple Terrace
 March 6, 2012 Punta Gorda
 March 6, 2012 Tallahassee

Pompano Beach

Orlando

March 20, 2012

March 20, 2012

March 20, 2012

April 11, 2012

May 1, 2012

May 1, 2012

Limerock Bearing Ratio (LBR) Technician

February 14–15, 2012 Gainesville

Motor Grader Operator Safety/Hands-on

March 13–15, 2012 Pensacola

Nuclear Density Gauge Safety and HazMat

February 27, 2012 Tampa
 April 9, 2012 Orlando

OSHA Competent Person

February 28, 2012 Lakeland

Pile Driving Inspection

April 2–4, 2012 Orlando

Pilot/Escort Flagging

February 16, 2012 Orlando
 March 1, 2012 Gainesville
 April 5, 2012 Gainesville
 April 17, 2012 Fort Myers
 April 19–12, 2012 Orlando
 May 3, 2012 Gainesville

Pilot/Escort Flagging Refresher

February 9, 2012 Gainesville
 March 8, 2012 Gainesville
 April 12, 2012 Gainesville
 May 3, 2012 Gainesville

Qualified Aggregate Sampler

February 13, 2012 Gainesville

Quality Control Manager

February 16–17, 2012 Chipley
 April 26–27, 2012 Pompano Beach

Tractor Mower Operator Safety

February 22, 2012 Pensacola



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University of Florida Engineering School of
Sustainable Infrastructure & Environment
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Upcoming Workshops

For the dates and locations of these upcoming workshops, see page 11.

Advanced Maintenance of Traffic	Earthwork Construction	Limerock Bearing Ratio (LBR) Tech
Advanced MOT - Refresher	Inspection Level 2	Motor Grader Operator Safety/ Hands-on
Asphalt Mix Design	EDC Exchanges for Market- Ready Technologies - FREE	Nuclear Density Gauge Safety and HazMat
Asphalt Paving Level 1	FDOT Concrete Field Inspector Specification	OSHA Competent Person
Asphalt Paving Level 2	Final Estimates Level 1	Pile Driving Inspection
Asphalt Plant Level 1	Final Estimates Level 2	Pilot/Escort Flagging
Asphalt Plant Level 2	Forklift-Powered Industrial Truck Safety/Hands-on	Pilot/Escort Flagging Refresher
Backhoe Safety/Hands-on	Gradall Hands-On	Qualified Aggregate Sampler
Bucket Truck Safety/Hands-on	Intermediate Maintenance of Traffic	Quality Control Manager
Chainsaw Safety/Hands-on	Intermediate MOT - Refresher	Tractor Mower Operator Safety
Drilled Shaft Inspection		
Earthwork Construction Inspection Level 1		