

Technology Transfer Quarterly

Florida's Traffic Engineering and Safety Workforce Training Update



Florida Transportation Technology Transfer Center



Volume 25, Number 01
February 2010

Florida's transportation and public works personnel take part in a Road Safety Audit and also learn about low cost safety solutions and intersection safety. See page 4 for your training opportunities.



Florida Transportation Technology Transfer Center

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Congratulations to the Florida T² Workshop Voucher Winners

Last summer we asked our newsletter readers and website visitors to fill out a Florida T² Center Service Evaluation online. Participants were entered into a drawing for three T² workshop vouchers, each worth a free registration to any Florida T² Center workshop offered in 2010.

And the winners are as follows:

Joe Bodi
Engineering Assistant II
City of Destin
Myra Glisson
Project Manager
Polk County Infrastructure Management Department
Deb Lambert
Executive Assistant
JEA Construction Engineering Services, Inc.

Congratulations and thanks to all the folks who took the time to provide input on our services. The comments and information will help us provide better services to you, our clients. ■■■

Florida Technology Transfer Quarterly

Established 1984

Voice	352.392.2371
Workshop Registration	EXT. 31670
Workshop Development	EXT. 31685
Traffic Safety Courses	EXT. 31685
Pilot/Escort Program	EXT. 31670
CTT and CTQP Courses	EXT. 31669
Customer Service	EXT. 31674 or 31676
Media Center	352.392.9537 EXT. 1544
Product Demo. Showcases	EXT. 31687
Safety Circuit Rider Program	EXT. 31697
Safety Resource Center	352.392.9537 EXT. 1544
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Florida Technology Transfer Quarterly, published by the Florida Transportation Technology Transfer (T²) Center at the University of Florida, Department of Civil and Coastal Engineering, facilitates information exchange relating to roads, bridges, general surface transportation and safety.

Our programs are sponsored through partnerships between the Florida Department of Transportation and the Federal Highway Administration and include the Local Technical Assistance Program (LTAP), Safety Circuit Rider Program (SCR), the Product Demonstration Showcase Program (PDS), and the Pedestrian/Bicycling Safety Resource Center.

Interested parties may receive this publication at no cost by completing and returning the FaxBack form on the inside back cover. Newsletter content and accuracy is the exclusive responsibility of the Florida T² Center.

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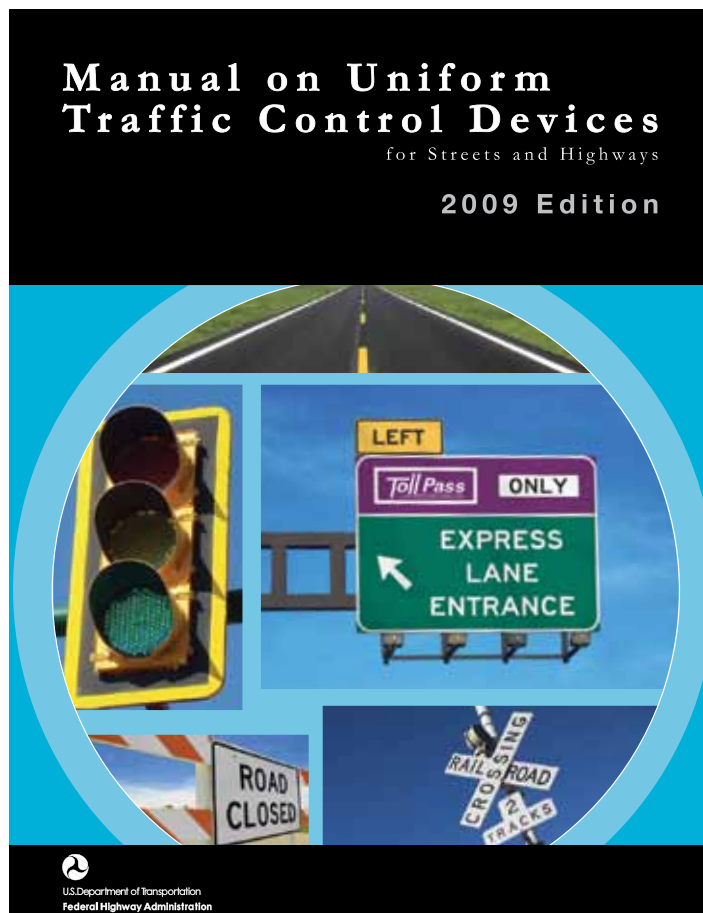


FHWA Releases MUTCD 2009 Edition

A comprehensive update to the Manual on Uniform Traffic Control Devices (MUTCD), the first since 2003, has been released. The MUTCD is the national standard for all traffic control devices, including traffic signs, pavement markings, signals and other devices used to regulate, warn or guide traffic. The 2009 edition features new and updated requirements such as changes in highway signs, bike lanes, and the color of high-visibility garments worn by road workers. Visit mutcd.fhwa.dot.gov for an overview of the new rules and recommendations plus a free download for part or all of the manual.

New provisions include the following:

- Replacing highway signs with brighter, larger and more legible signs that are easier to understand at freeway speeds (States will begin using the new signs as existing ones wear out.)
- Adding different lane markings for lanes that do not continue beyond an intersection or interchange to give drivers more warning to move out of the lane if they do not intend to turn
- Expanding flashing yellow arrow signals at some intersections to give a clearer indication that drivers can turn left after yielding to opposing traffic
- Changing the formula used to calculate crosswalk times to give walkers more time.
- Identifying electronic toll collection lanes with purple signs
- Adding overhead lane use control signs to reduce driver confusion on unfamiliar multi-lane roadways ■■■



City of St. Petersburg Wins 2009 National Roadway Safety Award

The City of St. Petersburg was awarded the 2009 National Roadway Safety Award for its innovative use of a pedestrian-activated, LED crosswalk beacon that flashes solar-powered, rectangular, rapid flashing amber LEDs to alert motorists when a pedestrian is preparing to use the crosswalk. Thirty-three units have been installed and have increased driver yielding to pedestrians from less than 2% to more than 82%. There has been a 17% drop in pedestrian crashes citywide in the last two years. Tests of the device in Florida communities, New Mexico, Illinois and Washington DC, have shown similar results. Only the standard traffic light and High-Intensity Activated Crosswalk, both of which are significantly larger and use a solid red indication, have produced better results in tests conducted by the Federal Highway Administration (FHWA).

The National Roadway Safety Award is presented biennially by FHWA and the Roadway Safety Foundation for making verifiable and significant strides towards improving safety on the nation's highways.

Source: Florida SRTS Update, November 6, 2009 ■■■

Build a Better Mousetrap Competition

Florida's entry deadline is March 31, 2010.

We know that Florida has the most innovative public works and transportation employees in the nation! The best way to show the rest of the nation is to enter the national Build a Better Mousetrap Competition. Entries are real world examples of best practices, tips from the field, and wonderful, home-grown ideas that work. The competition is a great way for innovative and local ideas to be shared with others. Sharing ideas also results in even greater improvements and development of additional ideas. The competition represents a great opportunity for local transportation workers and all of our audience to obtain some well-earned recognition for their hard work and innovations! Ideas completed in the last year can also be submitted for a FACERS award (see page 9 for details).

State prizes include the following:

- an award certificate
- a free T² workshop voucher
- a gift certificate
- mention in our T² Center quarterly newsletter and website

To enter visit www.t2ctt.ce.ufl.edu/t2ctt/Mousetrap_20101.asp?SnID=943058298

Every entry submitted to our Florida T² Center and forwarded to the national level competition will be included in the annual electronic booklet. To view the 2009 national entry booklet go to www.ltapt2.org/resources/downloads/NationalEntryBooklet.pdf

Enter today and best of luck! ■■■

Free Training Continues

Planning and Designing for Our Aging Population with the Safe Mobility for Life Program

We are pleased to announce that additional, free training will be available in 2010 from the Florida Department of Transportation's Safe Mobility for Life Training Course: Planning and Designing for our Aging Population – Phase 2. The program was developed to enhance the safety, access, and mobility of Florida's mature drivers and pedestrians, with the added benefit of improving safety for everyone.

By 2020, one in four Florida residents will be over the age of 65 and half of those will be 75 or older. To meet the needs of this aging population as well as younger drivers, this Florida-specific training presents problems associated with mature drivers and our current roadways. Options and alternative solutions are also provided to the planning, design, and operation of Florida roadways and transportation facilities today and in the future for safer state and local roadways.

The one-day course will raise awareness for engineers, planners, public works personnel, local elected officials, and other associated professionals. The workshop is based on the Federal Highway Administration's Highway Design Handbook for Older Drivers and Pedestrians.

The 2010 target locations are Bartow, Chipley, Deland, Ft. Lauderdale, Ft. Myers/Naples area, Lake City, Miami, Tampa, Orlando, and Sarasota.

Visit t2ctt.ce.ufl.edu for exact dates and locations and to register, or call the Florida T² Center at 352.273.1670. ■■■

Free Registration

for Select Transportation Safety Courses

Thanks to a Florida Department of Transportation Safety Office grant, qualifying local agencies can receive tuition waivers to attend or host one or more of the following courses:

- Road Safety Audits (RSAs) for Local Governments
- Low Cost Safety Improvements for Rural Roads
- Intersection Safety

Course sessions are currently being scheduled through September 30, 2010. Please contact Jaime Carreon at 352.273.1697 to see if your agency qualifies for this assistance. Visit our website at t2ctt.ce.ufl.edu/ and click on "Training" for course listings and information. ■■■

New Safety Presentations Available

The Federal Highway Administration (FHWA) has produced and made available the following PowerPoint presentations with speaker notes:

- Safety at Signalized Intersections
- Safety at Unsignalized Intersections
- Safety Aspects of Roundabouts
- Red-Light Running
- Intersection Safety

The presentations cover the nature and magnitude of the various safety problems included in the titles, applicable crash data, typical crash types, countermeasures available to address intersection crashes and identification of relevant reference materials. The material was developed for use by state or local personnel, FHWA staff or anyone else asked to make a presentation on general intersection safety and can be tailored to any desired length and to address any audience. To view the presentations, visit safety.fhwa.dot.gov/intersection/ and click on the subject from the left-hand menu, then scroll down to "Presentations." ("Intersection Safety" presentation is found under the "Resources" menu option.) ■■■

New FACERS Members

1 Year **free** Membership

The Florida Association of County Engineers and Road Superintendents (FACERS) recently voted to offer a free, yes, **free**, one year membership to any new member for the 2010 membership year. This includes all classes of membership: Active (county public works /engineering), Municipal (city public works/engineering), and Sustaining (consultant, university, state, and all others). Go to FACERS.org to sign up. ■■■

More Rural Highway Safety Resources

The Rural Highway Safety Clearinghouse facilitates research, training and outreach activities related to rural transportation safety. Funded by the Federal Highway Administration, the Clearinghouse website provides links to safety publications and other resources grouped by safety topics, data, statistics, driver behavior, safety planning, seat belts and work zone safety.

The site also encourages sharing information about rural safety publications and other resources as well as collecting best practices and the latest in rural safety research. To learn more, visit www.ruralhighwaysafety.org ■■■

Spotlight on

Wayne Rilko, CTT Instructor

Instructors who teach classes leading to a qualification or certification must be aware that the trainees attend to gain the knowledge and skills necessary to both pass the exam and perform the course-related duties. Wayne Rilko, primary instructor for the Center for Transportation Training (CTT), is particularly suited to offer an enhanced qualification/certification training experience for all CTT course attendees.

Most important to Wayne is to make sure each technician who earns a qualification has a working knowledge of what is required of him or her. Wayne says he gets a great feeling when, at the conclusion of the session, even the seasoned veterans say they learned something. With his thorough understanding and command of the material, excellent presentation skills and a sense of when the class is getting it or not, each trainee is provided with an ideal training environment.

Prior to joining the University of Florida in 2003, Wayne spent 19 years working for a contractor in southwest Florida. Back in the 1990s, he enjoyed the Construction Training and Qualification Program (CTQP) courses as a trainee and even participated in many pilot courses during the program's infancy. The program grew and the University of Florida asked him to become a full-time CTQP instructor. At first, he was a bit hesitant to leave his job, but accepted the university's offer and has not looked back.

He now teaches thirteen different CTQP asphalt, concrete, geotech, aggregate and management courses across the state, in addition to seven American Concrete Institute (ACI) courses. Traveling has allowed Wayne to become very familiar with a wide variety of projects and to be involved in the latest construction techniques and procedures. Wayne warns the trainees that when they return to their job after passing the exam, their boss will expect them to actually perform the duties associated with that qualification/certification. With Wayne Rilko as their instructor, the trainees have the best possible opportunity to receive quality instruction. ■■■



Your Suggestions Count

On The Job

Many bosses truly appreciate workers who share ideas on how to improve workplace efficiency. Here's how you can help:

Focus on your job duties. You know your job better than anyone else, so look for ways to streamline a process or improve service delivery, saving time and money.

Present your ideas. When you present your plan, include information such as how the changes can be made, any costs required and resulting associated benefits. If co-workers also work on the same project, ask them to submit their ideas to strengthen the overall plan. Bosses may need you and your co-workers to assist in the implementation.

Record your ideas. The dullest pencil is sharper than the sharpest mind, so write down your ideas and suggestions when they occur to you.

Be open minded. Listen to other people's suggestions too, and support their good ideas and plans. Working together can develop stronger working relations which will benefit you when submitting ideas. ■■■

2010 National Work Zone Awareness Week

April 19-23, 2010

To learn more, visit www.workzonesafety.org/news_events/awareness_week/2010 ■■■

National Bike Month

May 2010

Please visit www.bikeleague.org/programs/bikemonth/ for more information. ■■■

New at the T² Media Center

Our Media Center offers more than 7,000 publications, 1,000 videos, and 175 CDs for loan. To request any of the items on these pages, please mark the items you want to borrow and fax with the FaxBack form on the inside back cover to 352.392.3224. Descriptions of the materials can be found on our website: t2ctt.ce.ufl.edu where you can also request a full catalog on CD, or browse the electronic catalog. Call 352.392.9537 ext. 1544 for assistance.

New CDs

- ☐ **Finite Element Modeling Approach and Performance Evaluation of Fiber Reinforced Polymer Sandwich Bridge Panels**
C253.01 KS DOT
- ☐ **Data Mining the Kansas Traffic-Crash Database**
C254.01 KS DOT

New DVDs

- ☐ **The Crumbling of America**
D0053.01 A&E TELEVISION NETWORKS
- ☐ **Traffic Enforcement for Bicyclist Safety**
D0054.01
- ☐ **A.C.C.E.S.S. Matters**
D0055.01 EASTER SEALS

New Publications

- ☐ **Quality Management of Pavement Condition Data Collection**
NCHRP0401.01 NCHRP
- ☐ **Security 101: A Physical Security Primer for Transportation Agencies**
NCHRP525.01 TRB
- ☐ **Cost-Effective Performance Measures for Travel Time Delay, Variation, and Reliability**
NCHRP618.01 TRB
- ☐ **Procedure Guide for Right of Way Cost Estimation and Cost Management**
NCHRP625.01 TRB
- ☐ **Texturing of Concrete Pavements**
NCHRP634.01 TRB
- ☐ **Construction and Maintenance Practices for Permeable Friction Courses**
NCHRP640.01 TRB
- ☐ **Guidance for the Design and Application of Shoulder and Centerline Rumble Strips**
NCHRP641.01 NCHRP
- ☐ **Motorcycle Helmet Use and Head and Facial Injuries**
NHTSA0509.01 NHTSA

- ☐ **Prevent Pedestrian Crashes: Parents and Caregivers of Elementary School Children**
NHTSA051.01
- ☐ **Cathodic Protection for Life Extension of Existing Reinforced Concrete Bridge Elements**
N-SYN398.01 NCHRP
- ☐ **Factors Related to Fatal Single-Vehicle Run-Off-Road Crashes**
P2808.01
- ☐ **Low-Cost Safety Enhancements for Stop-Controlled and Signalized Intersections**
P8146.02 FHWA
- ☐ **Objectives and Strategies for Improving Safety at Unsignalized and Signalized Intersections**
P8157.01 FHWA
- ☐ **A Technical Guide for Conducting Pedestrian Safety Assessments for California Cities**
P8158.01 UNIVERSITY OF CALIFORNIA BERKELEY, INSTITUTE OF TRANSPORTATION STUDIES, TECHNOLOGY TRANSFER PROGRAM
- ☐ **Design and Evaluation of Jointed Plain Concrete Pavement with Fiber Reinforced Polymer Dowels**
P8160.01 FHWA-HRT-06-106
- ☐ **A Guide to Planning Resources on Transportation and Hazards**
P8161.01 TRB
- ☐ **Improving the Safety of Mobile Lane Closures**
P8163.01 NCHRP
- ☐ **Highway Safety Issues of Older Drivers in Kansas**
P8166.01 KS DOT

- ☐ **Incidence of Pedestrian and Bicyclist Crashes by Hybrid Electric Passenger Vehicles**
P8168.01 NHTSA
- ☐ **Intersection Safety Needs Identification Report**
P8171.01
- ☐ **Balancing Infrastructure Reinvestment with System Expansion**
P8174.01 FTA
- ☐ **Zone Guide for Pedestrian Safety**
P8177.01 NHTSA/FHWA
- ☐ **Development and Implementation of a Performance-Related Specification for SR 9a Florida**
P8181.01 NHTSA/FHWA
- ☐ **The National Incident Management System**
P8184.01
- ☐ **Guide to Concrete Overlays**
P8185.01
- ☐ **Integrating Context Sensitive Solutions into Transportation Practice Guide**
P8186.01 ICF INTERNATIONAL
- ☐ **Dangerous by Design**
P8190.01 TRANSPORTATION FOR AMERICA
- ☐ **Blading Aggregate Surfaces**
P8191.01
- ☐ **Using Bicycles for the First and Last Mile of a Commute**
P8195.01 CALIFORNIA DOT-U S DOT
- ☐ **Guidebook for Rural Demand-Response Transportation: Measuring, Assessing, and Improving Performance**
TCRP136.01 TRB

FDOT Summary of Final Reports

Materials

- ☐ BD544-39 Attenuating Mass Concrete Effects in Drilled Shafts

Public Transportation

- ☐ BD549-31 Incorporating Transit and Other Multimodal Strategies into the Florida Department of Transportation Development of Regional Impact Review Process

Structures

- ☐ BDB12 Long-term Performance of Epoxy Concrete Filled Open Metal Grate Decking

Florida's Pedestrian and Bicycling Safety Resource Center

Free Materials for Safety Activities

Our pedestrian and bicycling resources are just the thing your organization needs to conduct successful ped/bike events and educational activities to help the public learn safe walking and bicycling practices. Materials are free to qualifying organizations.

Resources include videos (DVD and VHS), CDs, passive reflectors, posters, pamphlets, punch cards, coloring books, book marks, flyers, activity books, reports and stickers! Some items are available in several languages. More items are on the way, so remember to visit pedbikesrc.ce.ufl.edu for a list of what's new, descriptions, illustrations and ordering information. Our current inventory includes the following items:

Posters:

- Pedestrian Poster: Caution (Spanish)
- Bicyclist Poster (Spanish)
- Pedestrian Poster: Crosswalks and Signals (Spanish)
- Pedestrian Poster: Sidewalks (Spanish)
- Pedestrian Poster: Intoxicated (Spanish)

Publications (Pamphlets, booklets and brochures):

- Bicycle Safety
- Bicycle Safety: What Every Parent Should Know
- Parent's Guide - Child Safety on Your Street
- Crosswalk Safety
- How To Fit & Wear Your Bicycle Helmet
- Kids Physical Activity
- Road Riders Are Drivers
- Stepping Out

Publications (Flyers, Checklists and Tip Sheets):

- Easy Steps to Properly Fit a Bicycle Helmet
- Know the Rules - Going To & From School (English)
- Know the Rules - Going To & From School (Spanish)
- Road Riders Are Drivers
- Laws for Bicyclists Sharing the Roadway
- Neighborhood Safety
- Tips for Parents and Other Adults for Teaching Pedestrian Safety to Children
- Tips for Walking Safely to School
- Bikeability Checklist
- Peligro en el Camino (Spanish)

Publications (Punch Cards):

- Walk - n - Roll To School

Publications (Bookmarks):

- I'm A Safe Walker
- Top Ten Rules of Bicycle Safety
- Wear Your Helmet

Publications (Activity Books and Comic Books):

- I'm Safe - On My Bike (English and Spanish)
- I'm Safe! Walk With Me Activity Sticker Book (English and Spanish)

Safety Fun Activity Book (English and Spanish)

- Walk 'n Roll Activity Book
- Sprocket Man Comic Book

Publications (Questionnaires):

- Walkability Survey

Publications (Reports):

- Pedestrian Safety Guide for Transit Agencies
- A Resident's Guide for Creating Safe and Walkable Communities
- How to Develop a Pedestrian Safety Action Plan
- How To Fit & Wear Your Bicycle Helmet

Books:

- Florida Bicycle/Pedestrian Law Enforcement Guide
- Florida Bicycling Street Smarts
- Laws for Pedestrians
- Teacher's Guide - Walk With Me

Toolkits:

- Safe Ways to School Toolkit

Videos (DVDs):

- I'm Safe - Walk With Me
- I'm Safe - On Wheels
- Disney's Safety Hits Volume 1
- Disney's Safety Hits Volume 2 – only available for loan
- Elementary School Helmet Safety Program
- Step to Safety with ASIMO

Videos (VHS):

- Bike 'n Ped Driver Ed
- Middle School Helmet Safety Program
- Courtesy Promotes Safety

CDs:

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



APWA 2010 Meeting & Trade Show

Florida Chapter

50th Anniversary Celebration

Monday, May 3

8.30 AM – 5.00 PM	Registration Open
9.00 AM – 5.00 PM	Rodeo Set-up
9.00 AM – 5.00 PM	Exhibit Hall Set-up (decorator)
9.00 AM – 10.30 AM	1st Timers Session & Branch Officer Training
10.45 AM – 11.45 AM	Technical Sessions AM
12.15 PM – 2.30 PM	Opening Session (welcome, lunch & keynote speaker)
2.45 PM – 3.45 PM	Technical Sessions PM
3.00 PM – 4.30 PM	Executive Committee Meeting
5.00 PM – 6.30 PM	President's Celebration (food, drinks & entertainment)

Tuesday, May 4

7.30 AM – 5.00 PM	Registration Open
8.00 AM – 12.00 PM	Exhibitor Move-in (bulk space only)
8.00 AM – 1.00 PM	Golf Tournament
9.00 AM – 11.15 AM	Technical Sessions AM
9.00 AM – 3.00 PM	Rodeo
9.00 AM – 4.00 PM	Spouse Program
1.00 PM – 6.00 PM	Exhibitor Move-in
1.30 PM – 3.45 PM	Technical Sessions PM
6.30 PM – 9.30 PM	Special Event Night (food, drinks & entertainment)

Wednesday, May 5

7.30 AM – 4.00 PM	Registration Open
8.00 AM – 4.00 PM	Exhibit Show Open
8.00 AM – 10.00 AM	Coffee & Danish (in exhibit hall)
9.00 AM – 4.00 PM	Spouse Program
10.00 AM – 4.00 PM	Student Job Fair
12.30 PM – 2.00 PM	Lunch w/Exhibitors
2.00 PM – 4.00 PM	Reception w/Exhibitors (in exhibit hall)
4.00 PM – 8.00 PM	Exhibitors Move-out

Thursday, May 6

8.00 AM – 3.00 PM	Registration Open
9.00 AM – 11.15 AM	Technical Sessions AM
11.30 AM – 2.30 PM	Awards / Scholarship Luncheon
5.30 PM – 7.30 PM	Celebration Honoring Past Presidents

Friday, May 7

9.00 AM – 10.00 AM	50th Anniversary Celebration Breakfast
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Join us at the Orange County Convention Center and Rosen Centre, Orlando.

Earn CEUS and PDHS.

Visit <http://florida.apwa.net> for information or to register. Suppliers, contact 727.548.7200 or CorporateEvents@tampabay.rr.com about booth space.

Technical Session Program

Monday, May 3

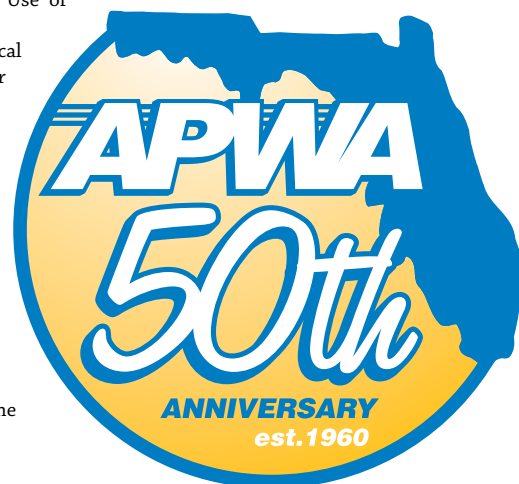
First Timers & Branch Officer, District Rep. and Committee Chair Training
Innovation in Stormsewer Technology; Creating Lifecycle Cost Benefits
Buried Treasure; A Map to Finding Untapped Financial Resources for Your Community
Innovation 101; Tips, Tricks and Traps
'Titledown' Florida takes Construction Management to the Web
Empowering Public Service Personnel to Manage Operations More Effectively with Affordable GPS Technologies
Good Web verses Bad Web; Tips for Effective Internet Communication of Public Works Programs
APWA Center for Sustainability; A New Vision for Public Works
Alternative Project Delivery Methods; One Size Doesn't Fit All
SR 699(Gulf Boulevard) Context Sensitive Engineering Solutions; Using Innovative Design and Public Interaction
A Wise Investment; Developing an Internal Heavy Equipment and Maintenance Activity Training Program

Tuesday, May 4

Florida Department of Transportation; Seeking Sustainable Solutions in Challenging Times (Panel-Forum Two Hour Session)
Training on Your Terms; Your Florida T² Center and Workforce Development (Two Hour Super Session with Panel)
Sustainable Systems Integration Model; An Alternative Planning Tool for a Sustainable Community
Developing Your Business Case; Meeting Solid Waste Cost of Service
Federal Standards, Programs & Funding for Electrical Infrastructure Systems; The Remote Control & Monitoring of Roadway Lighting and Power Consumption
Hillsborough County's ITS/ATMS Program; Definition, Prioritization & Implementation
Landscape Irrigation Problems; Mistakes that Waste Water and Money
Strategic Thinking, Tactical Action; A Case Study of Polk County's Utility Enterprise Information Systems Implementation
On the Road Again; 100% Recycled Asphalt "Going Green"
Creatively Revitalizing Your Community; The Fort Myers Downtown Utility & Streetscape Improvement Program (Two Hour Super Session with Panel)
Executing a Complete Multi-Divisional Efficiency Study
Successful Pavement Management Implementation for Public Agencies
Using GIS for Managing TMDL Programs
Non-Destructive Pipe Inspection and Integrity Management
Renewable Construction Materials from Electrical Generation; Reusing Byproduct Materials
Underground Facilities Damage Prevention and Safety; Sunshine State One-Call Technological Advances
The Changing Role of Reclaimed Water; The Evolution of a Problem to an Asset
Sustainable Public Works; Innovative Options for Meeting Florida's New Recycling Goal of 75% by 2020

Thursday, May 6

The Future of Transportation in America; Discussion of the Federal Surface Transportation Bill with a Florida Context
Water Sustainability and Conservation; Reducing Irrigation Water Usage (Panel-Forum Two Hour Session)
Enhancing Public Works Through the Use of Social Media
Right of Way Acquisition Basics for Local Public Agencies; Don't Jeopardize Your Public Funding
Evaluating the Short-Circuiting Potential of Stormwater Ponds
Water Sustainability and Conservation; Reducing Irrigation Water Usage
Flood Emergency Action Plans For Bridges; A Simple Risk Analysis Tool
Improving Utility Options for Rehabilitating Pressure Pipe; Meeting the Needs of Water/Wastewater Utilities
Natural Channel Design; Towards the Achievement of Water Quality Goals



FACERS ANNUAL AWARDS

Every year the Florida Association of County Engineers and Road Superintendents (FACERS) honors a Public Works Employee, Rural* Engineer, Urban* Engineer and a Team Project of the Year for projects completed in the previous year. Awards are open to all individuals in public works and engineering in Florida's cities and counties. There is no requirement to be a FACERS member. Nominees receive a congratulatory letter. Winners receive statewide recognition at the annual FACERS conference and are featured in the Technology Transfer Quarterly newsletter. The engineering award recipients may also qualify for national recognition.

*Rural agencies are defined as having a population less than 100,000. Urban agencies have a population of 100,000 or more.

How do I nominate someone?

Nominating someone for the FACERS award is easy! Choose the method of submittal that best fits your schedule and style. Please attach text briefly describing the project. An awards committee member may call for more details. The following should be included:

A brief description of the project

Leadership

Need – timeliness

Impact on the agency budget

Innovation

Impact on the community

Online: Go to FACERS.org and enter the information, then press submit.

Download: Go to FACERS.org to download the nomination form. Type or print the information and:

Email the completed form to t2@ce.ufl.edu or Fax the completed form to 352.392.3224

Nominee / Team Leader Information:

Name: _____

Position: _____

Email: _____

Phone: _____

Agency Name: _____

Address: _____

City: _____

Zip: _____ Best time to call: _____

Nominated for (check one):

☐ Team Project

☐ Public Works Employee

☐ Rural Engineer

☐ Urban Engineer

Project Name: _____

County: _____ Date finished: _____

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.

Your Information:

Name: _____

Position: _____

Email: _____

Phone: _____

Agency Name: _____

Address: _____

City: _____

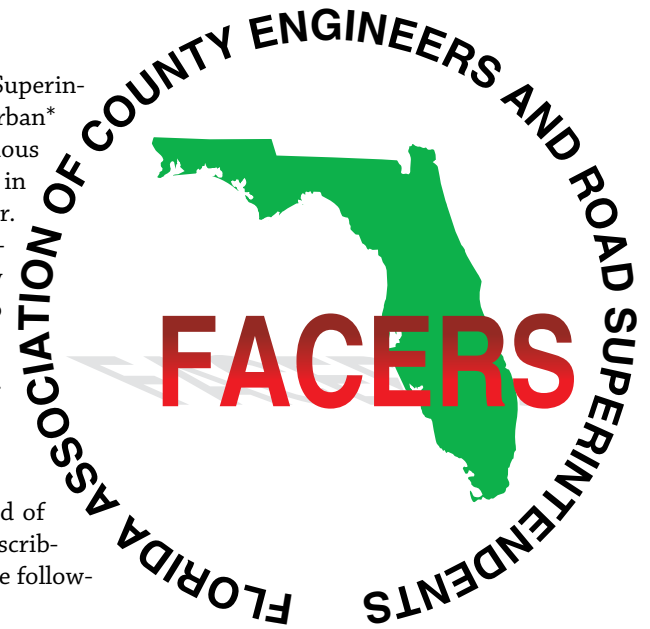
Zip: _____

Signature: _____

Date: _____

For assistance, please call Janet Degner at 352.273.1676

The deadline for applications is April 19, 2010.



Upcoming Workshops

through July 2010

For a list of all courses or to register, visit our website at t2ctt.ce.ufl.edu or T² workshops, email t2workshops@ce.ufl.edu or call 352.273.1670 and CTT and CTQP courses, email ctt@ce.ufl.edu or call 352.273.1669. We look forward to serving you.

Advanced Maintenance of Traffic

March 24 - 26, 2010	Tallahassee
April 7 - 9, 2010	Naples
April 12 - 14, 2010	Port Charlotte
April 14 - 16, 2010	Gainesville
April 21 - 23, 2010	Pompano Beach
May 12 - 14, 2010	Orlando
June 2 - 4, 2010	Gainesville
June 2 - 4, 2010	Tallahassee
June 16 - 18, 2010	Pompano Beach
July 14 - 16, 2010	Orlando
July 28 - 30, 2010	Naples

Advanced Maintenance of Traffic (MOT) Refresher

March 23, 2010	Tallahassee
April 6, 2010	Naples
April 13, 2010	Gainesville
April 20, 2010	Pompano Beach
May 11, 2010	Orlando
June 1, 2010	Gainesville
June 1, 2010	Tallahassee
June 15, 2010	Pompano Beach
July 13, 2010	Orlando
July 27, 2010	Naples

Asphalt Mix Design

May 17 - 20, 2010	Gainesville
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Asphalt Paving Level 1

March 9, 2010	Panama City
March 30, 2010	Miami
May 3, 2010	Gainesville
June 8, 2010	Clearwater
July 12, 2010	Orlando

Asphalt Paving Level 2

March 10 - 12, 2010	Panama City
March 31 - April 2, 2010	Miami
May 4 - 6, 2010	Gainesville
May 19 - 21, 2010	Miami
June 9 - 11, 2010	Tampa
July 13, 2010	Orlando

Asphalt Plant Level 1

April 7 - 9, 2010	Gainesville
May 12 - 14, 2010	Gainesville
July 7 - 9, 2010	Gainesville

Asphalt Plant Level 2

June 2 - 4, 2010	Gainesville
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Chainsaw Safety in Disaster Recovery

March 11, 2010	Fort Myers
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Concrete Batch Plant Operator

March 1, 2010	Lakeland
April 12, 2010	Orlando

Drilled Shaft Inspection

March 15 - 17, 2010	Davie
May 17 - 19, 2010	Orlando
July 19 - 21, 2010	Orlando

Earthwork Construction Inspection Level 1

March 22 - 23, 2010	Orlando
April 19 - 20, 2010	Miami
April 26 - 27, 2010	Panama City
May 10 - 11, 2010	Davie
June 14 - 15, 2010	Gainesville
July 26 - 27, 2010	Orlando

Earthwork Construction Inspection Level 2

March 24 - 25, 2010	Orlando
April 21 - 22, 2010	Gainesville
April 28 - 29, 2010	Panama City
May 12 - 13, 2010	Davie
June 16 - 17, 2010	Gainesville
July 28 - 29, 2010	Orlando

FDOT Concrete Field Inspector Specification

April 5 - 6, 2010	Lakeland
May 25 - 26, 2010	Davie

Final Estimates Level 1

March 24, 2010	West Palm Beach
April 23, 2010	Orlando
May 7, 2010	Lakeland
May 26, 2010	West Palm Beach
June 18, 2010	Fort Myers
June 21, 2010	Tampa

Final Estimates Level 2

March 25 - 26, 2010	West Palm Beach
May 27 - 28, 2010	Tampa
June 22 - 23, 2010	Tampa

Intermediate Maintenance of Traffic

March 17 - 18, 2010	Orlando
March 24 - 25, 2010	Gainesville
March 30 - 31, 2010	Saint Petersburg
May 5 - 6, 2010	Cape Coral
May 12 - 13, 2010	Gainesville
May 19 - 20, 2010	Orlando
May 27 - 28, 2010	Saint Petersburg
July 20 - 21, 2010	Saint Petersburg
July 21 - 22, 2010	Gainesville
July 27 - 28, 2010	Port Charlotte

Intermediate Maintenance of Traffic Refresher

March 16, 2010	Orlando
March 23, 2010	Gainesville
March 29, 2010	Saint Petersburg
May 4, 2010	Cape Coral
May 11, 2010	Gainesville
May 18, 2010	Orlando
May 26, 2010	Saint Petersburg
July 19, 2010	Saint Petersburg
July 20, 2010	Gainesville
July 26, 2010	Port Charlotte

Limerock Bearing Ratio (LBR) Technician

March 3 - 4, 2010	Gainesville
June 24 - 25, 2010	Gainesville

Pile Driving Inspection

April 13 - 15, 2010	Orlando
June 7 - 9, 2010	West Palm Beach

Pilot/Escort Flagging Training

February 10, 2010	Gainesville
February 24, 2010	Ft. Myers
March 13, 2010	Tallahassee
March 27, 2010	Orlando
April 5, 2010	Milton
April 17, 2010	Tampa
May 21, 2010	Gainesville

Qualified Aggregate Sampler

March 5, 2010	Gainesville
May 7, 2010	Gainesville

QC Manager

April 7 - 8, 2010	Lakeland
May 27 - 28, 2010	Davie

Florida escort rules changed February 1, 2010

Florida Administrative Code rules for escorting over dimensional loads have been updated and are effective February 1, 2010. View the changes and the final rule at flrules.org and type "14-26.012" into the "By Rule Number" search box.



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Upcoming Workshops

For the dates and locations of these upcoming workshops, see page 10.

Advanced Maintenance of Traffic 11 Classes	Concrete Batch Plant Operator 2 Classes	Intermediate Maintenance of Traffic 10 Classes
Advanced Maintenance of Traffic (MOT) Refresher 10 Classes	Drilled Shaft Inspection 3 Classes	Intermediate Maintenance of Traffic Refresher 10 Classes
Asphalt Mix Design 1 Class	Earthwork Construction Inspection Level 1 6 Classes	Limerock Bearing Ratio (LBR) Technician 2 Classes
Asphalt Paving Level 1 5 Classes	Earthwork Construction Inspection Level 2 6 Classes	Pile Driving Inspection 2 Classes
Asphalt Paving Level 2 6 Classes	FDOT Concrete Field Inspector Specification 2 Classes	Pilot/Escort Flagging Training 7 Classes
Asphalt Plant Level 1 3 Classes	Final Estimates Level 1 6 Classes	Qualified Aggregate Sampler 2 Classes
Asphalt Plant Level 2 1 Class	Final Estimates Level 2 3 Classes	QC Manager 2 Classes
Chainsaw Safety in Disaster Recovery 1 Class		