The Florida T2 Center is your partner in providing your professional training needs. Training delivery methods include instructor-led, recorded, and online options, as well as our exciting broadcast option. This comprehensive portfolio outlines the extensive training opportunities we offer, all of which can be tailored to meet your specific needs.

The Florida T2 Center conducts required and elective training to improve and strengthen the skills of your entire organization. Most courses offer Professional Development Hours (PDHs) and/or Continuing Education Units (CEUs). You and your employees will benefit from the technical and managerial knowledge presented in these courses. Call us today at 352.273.1685 for a T2 Center training representative and 352.273.1661 for a CTQP training representative.

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Florida T2 Center Training Portfolio 2013

Florida Technology Transfer Quarterly t2ctt.ce.ufl.edu 2013 Training Portfolio
Sponsors, Partnerships, and Training Locations

Florida T2 Center training opportunities are supported in part through grants and partnerships with various offices of the Florida Department of Transportation (FDOT) and the Federal Highway Administration (FHWA). Classes are offered as part of the Local Technical Assistance Program (LTAP). Many courses can lead to qualifications through FDOT’s Construction Training Qualification Program (CTQP), the Maintenance of Traffic (MOT) training program, and the Pilot/escort training program.

The Florida T2 Center classes are conducted at convenient locations throughout the state; some are broadcast live to accommodate a wider audience, and others are available online or as recordings. Most Florida T2 Center training can also be arranged exclusively for your organization at your location, saving you time and money. Check our website t2ctt.ce.ufl.edu for current training schedules and locations. Our T2 Mobile Video Training (MVT) sessions are held at the requesting agency’s chosen facility. See page 21 for MVT scheduling details and information.

Looking for a way to save money on your CTQP Training?

Special Discount! Individual Written Exams taken in our Gainesville Business Office are only $150 per exam!

Call 352.273.1669 or visit t2ctt.ce.ufl.edu today to schedule your exam and save money!

Free Training from NHI and TCCC!

The National Highway Institute (NHI) has partnered with the Transportation Curriculum Coordination Council (TCCC) to bring you several free, web-based courses. Please visit www.nhi.fhwa.dot.gov/Home.aspx to view the entire list.

Highways for LIFE has partnered with NHI to present NHI Innovations which is a monthly web conference series that is free to participants. Visit www.nhi.fhwa.dot.gov/about/innovationseries.aspx to view upcoming conference listings or to listen to or download previous presentations. NHI also offers Real Solutions, a free monthly series which features speakers discussing problems or issues they have faced in the field and what steps they took to solve them. Participants can ask questions and receive answers. To sign up for email notifications, visit www.nhi.fhwa.dot.gov/about/realsolutions.aspx where you can also view recorded presentations, titles, and dates of upcoming events.

Training Notifications

Sign up for email announcements containing current course announcements. Contact David Page at dkpage@ufl.edu to have your name added.

Registration fees included in this portfolio are for live, instructor-led courses and online courses, as noted. The Florida T2 Center can also offer broadcasting of selected live, instructor-led courses to provide even more training options and savings! Check our website for full course schedules or call us at 352.273.1661 for a CTQP training representative and 352.273.1685 for a T2 Center training representative.
New Courses for 2013

The Florida T2 Center is excited to announce the addition of three new safety courses to this year’s training portfolio! In addition, we have added courses to the Asphalt, Design, and Heavy Equipment categories. Read on for more information.

Gradall Hands-On

Target Audience: Gradall operators, managers, operator supervisors — all skill levels

This workshop provides training for field inspectors to use the Safety Shoe, what the expectations are for this tool, and what changes or procedures will be necessary for a job. It acquaints the operator with proper road profiles, drainage issues, maintenance methods, and new techniques and technologies. The classroom session covers safety, types, maintenance, articulation, speed, road profiles, ditching, wetlands issues, etc. All participants receive a manual for future reference. The second portion of training is “hands-on”. Our instructor travels to your municipality and provides field assistance on Gradall techniques on your operator’s local roads.

$350 Public • $475 Private
Call 352.273.1685 for more information


Target Audience: State and local highway engineers and consultants involved in the design of both two-lane rural and/or multilane highways

Prior to this first edition of the HSM, there were no widely accepted tools for engineers to use to quantify the potential for reductions in crash frequency and severity when making transportation facility design and operations decisions. The HSM begins to fill this gap, providing transportation professionals with knowledge, techniques, and methodologies to quantify the safety-related effects of transportation decisions — similar to the way operational impacts are quantified in the Highway Capacity Manual and environmental impacts are calculated through the NEPA process.

This course includes both two-lane and multi-lane highways and offers a proven methodology for the safety performance of geometric design decisions like predicting capacity and level of service based upon large scale definitive research. The instructor presents crash prediction models for total crashes and cross-section-related crashes based upon lane width, shoulder width, roadside hazard, traffic volume (exposure), and other characteristics. The course also offers examples of safety performance prediction for highway segments and intersections.

$225 Public • $275 Private
Call 352.273.1685 for more info
CEU/PDH 1.4/14

Retroreflectivity

Target Audience: Field inspectors, signs/shop personnel, roadway designers, directors, and safety inspectors

This course provides training for field inspectors to perform sign retroreflectivity inspection using the methods approved by the FHWA. The 2009 MUTCD establishes new minimum levels for traffic sign retroreflectivity that must be maintained by all agencies and organizations with roadways open to the public, including parks and private roads. For traffic signs to be effective in providing important information to drivers, they must be visible during both daytime and nighttime. Agencies are now required to have an established and implemented sign maintenance program (new requirements are implemented in the next few years) that regularly addresses the new MUTCD minimum with an assessment program, a management method, or a combination of the two.

$120 Public • $200 Private
Call 352.273.1685 for more info
CEU/PDH 1.2/12

Road Safety 365: A Workshop for Local Governments

Target Audience: Local and rural road and public works supervisors, decision-makers, road crews, elected officials, public safety advocates, State Department of Transportation personnel, law enforcement, consultants, regional and rural development organizations, municipal associations, town safety committees, local planning commissions, metropolitan/rural planning organizations, university extension offices, and Local Technical Assistance Program (LTAP) and Tribal Technical Assistance Program (TTAP) personnel.

This one-day workshop is designed to provide local and rural agencies with practical and effective ways to incorporate safety solutions into daily activities and the project development process by improving the physical factors of local and rural roadways that may contribute to crashes. The course was developed by the FHWA Office of Safety as part of a package of products focused for local and rural governments.

$200 Public • $275 Private
Call 352.273.1685 for more info
CEU/PDH 0.7/7

Safety Edge

Target Audience: Asphalt contractors, city/county/state agency roadway designers/inspectors, paving contractors, paving crews, and roadway safety personnel

Pavement edge drop-off on highways has been linked to many serious crashes, including fatal collisions. Drop-offs occur when there are height differences between a paved road and the adjacent graded material. Conventional paving techniques result in vertical or nearly vertical pavement edges, which can cause safety concerns when they are exposed. To mitigate vertical drop-offs, FHWA advocates installing the Safety Edge on pavements during paving or resurfacing projects, achieved by attaching a Safety Shoe to the pavement machine. This technology allows drivers who drift off highways to return to the pavement safely.

This course includes information on how to install and use the Safety Shoe, what the expectations are for this tool, and what changes or procedures will be necessary for a job. It includes a hands-on demonstration of the installation and use of the actual Shoe.

$120 Public • $200 Private
Call 352.273.1685 for more info
CEU/PDH 1.2/12
ADA
ADA/Accessibility Requirements for Highway Design and Pedestrians

Target Audience: Designers, ADA coordinators, safety inspectors, project managers, technicians, and consultants

Learn the Americans with Disabilities Act (ADA) requirements for public agencies regarding design, construction, operation, and maintenance of pedestrian facilities within public right-of-way. The course covers extensive technical and regulatory ground, ranging from ADA/accessibility requirements, design, standards, and good practices, to ADA self-evaluations and transition plans.

$145 Public • $240 Private  7 hrs
Call 352.273.1685 for more info  CEU/PDH 0.7/7

ADA – Facilities Access

Target Audience: Facility designers, ADA coordinators, safety inspectors, project managers, technicians, and consultants

This course is an overview of the Americans with Disabilities Act (ADA) and the Florida Accessibility Code and revisions. Discussions include regulation impact on agency personnel and project staff responsibilities, building/roadway accessibility design standards/procedures, and Titles II and III ADAAG requirements.

$145 Public • $240 Private  7 hrs
Call 352.273.1685 for more info  CEU/PDH 0.7/7

Aggregates

Aggregate Base Testing Technician ACI

Target Audience: FDOT employees who perform acceptance tests to verify aggregate material quality

This American Concrete Institute (ACI) course includes information about and demonstrations of how to properly perform, record, and report the results of basic field and laboratory procedures for aggregates and soils used in road base construction.

Course with written and proficiency exams: 24 hrs
Call 352.273.1661 for pricing

Aggregate Testing Technician Level 1 ACI

Target Audience: FDOT employees who perform acceptance tests to verify aggregate material quality

This ACI course includes information about and demonstrations of how to properly perform, record, and report the results of basic field and laboratory procedures for aggregates and soils used for the production of hot-mix asphalt and ready-mix concrete.

Course with written and proficiency exams: 24 hrs
Call 352.273.1661 for pricing

Aggregate Testing Technician Level 2 ACI

Target Audience: FDOT employees who perform acceptance tests to verify aggregate material quality and who currently hold the ACI Aggregate Testing Technician Level 1 certification

This ACI course includes additional methods and procedures on how to properly perform, record, and report the results of field and laboratory procedures for aggregates and soils used for the production of hot-mix asphalt and ready-mix concrete.

Course with written and proficiency exams: 24 hrs
Call 352.273.1661 for pricing

Limerock Bearing Ratio (LBR) Technician CTQP

Target Audience: FDOT and contractor technicians who perform acceptance tests to verify aggregate material quality

Become more knowledgeable and proficient in testing and inspecting materials used for embankment, subgrade, and road base construction.

Course with written and proficiency exams: 16 hrs
$450  PDH 8
Call 352.273.1661 for more information

Qualified Aggregate Sampler CTQP

Target Audience: All employees responsible for sampling aggregates for acceptance testing

This course presents everything technicians need to know to correctly sample aggregates for laboratory testing.

Course with written and proficiency exams: 8 hrs
$350  PDH 6
Call 352.273.1661 for more information

Asphalt

Asphalt Combo – Inspection and Maintenance

Target Audience: Design, construction, and maintenance engineers and technicians involved with pavement preservation and rehabilitation techniques

This workshop teaches pavement distress evaluation techniques to determine materials, equipment, and procedures needed for effective crack sealing, asphalt patching, and utility repair for quality/cost-effective asphalt surface treatments. Ample time is allowed for questions about maintenance issues.

$175 Public • $250 Private  6 hrs
Call 352.273.1685 for more info  CEU/PDH 0.6/6
Asphalt Inspection
Target Audience: Inspectors, contractors, technicians, and personnel with construction inspection job duties
This course includes basic concepts of asphalt materials, inspection techniques, keys to obtaining high quality work on new construction and resurfacing projects, common problem areas, and how to properly correct them. This course does not lead to qualification associated with the Construction Training Qualification Program (CTQP).
$125 Public • $210 Private 6 hrs
Call 352.273.1685 for more info
CEU/PDH 0.6/6

Asphalt Mix Design CTQP
Target Audience: Technicians responsible for designing hot-mix asphalt
This course provides engineers, technicians, and inspectors with an understanding of how asphalt mixes are developed in accordance with Superpave specifications.
Course with written exam: 48 hrs
$600 PDH 24
Call 352.273.1661 for more information

Asphalt Pavement Maintenance
Target Audience: Inspectors, contractors, road crew supervisors, and personnel with construction inspection job duties
This workshop focuses on materials, construction details, and maintenance practices that help extend asphalt pavement service life. Videos and illustrations demonstrate proper maintenance techniques while citing common mistakes which arise on the jobsite. Ample time is allowed for questions about maintenance issues.
$125 Public • $210 Private 6 hrs
Call 352.273.1685 for more info
CEU/PDH 0.6/6

Asphalt Paving Basics for Florida Cities and Counties
Target Audience: Maintenance field technicians, maintenance supervisors, construction workers, inspectors, designers, and pavement management technicians
This course is patterned after the Asphalt Paving Level 1 course and can be customized to fit your needs. The class includes random sampling at the plant and roadway; hands-on demonstration of rolling straight edge, cross slope, and temperature measurement; core sampling; tack coat spread rate and hot-mix asphalt yield calculations; and nuclear density determination, if required. A simplified, alternative exam is also available upon request.
Call 352.273.1661 for pricing 8 hrs

Asphalt Paving Level 1 CTQP
Target Audience: FDOT and contractor quality control personnel responsible for verifying roadway characteristics
Learn how to use a rolling straight edge, measure cross slope, perform core sampling, calculate yields, layout core locations, and take temperatures.
Course with written and proficiency exams: 8 hrs
$350 PDH 6
Call 352.273.1661 for more information

Asphalt Paving Level 2 CTQP
Target Audience: FDOT and contractor quality control personnel, quality control managers, roadway technicians, equipment operators, and paving supervisors
Review good construction practices and equipment operation techniques necessary to place and compact a Superpave mixture that meets requirements for smoothness, texture, density, cross slope, and thickness. Topics also include project administration; surface preparation; specification requirements; hot-mix asphalt delivery, placement, and compaction; balancing production rates; and field testing and inspection.
Course with written exam: 24 hrs
$525 CEU/PDH 1.7/17
Call 352.273.1661 for more information

Asphalt Plant Level 1 CTQP
Target Audience: FDOT and contractor quality control personnel responsible for verifying asphalt material quality characteristics
Learn how to perform the tests required for quality control, verification, resolution, and acceptance of asphalt mix in accordance with standard test methods.
Course with written and proficiency exams: 24 hrs
$645 PDH 16
Call 352.273.1661 for more information

Asphalt Plant Level 2 CTQP
Target Audience: FDOT and contractor quality control personnel, quality control managers, plant technicians, and plant operators
Covers materials management, specification requirements, plant calibration, and equipment operation necessary to produce a Superpave mixture that meets design criteria and mix production requirements
Course with written exam: 24 hrs
$600 CEU/PDH 1.7/17
Call 352.273.1661 for more information

Hot-Mix Asphalt Pavement Evaluation, Preservation, and Rehabilitation
Target Audience: Design, construction, and maintenance engineers and technicians involved with pavement preservation and rehabilitation techniques
This course presents techniques to identify the causes and patterns of hot-mix asphalt pavement distress, as well as evaluation components and preservation and rehabilitation techniques.
$150 Public • $250 Private 12 hrs
Call 352.273.1685 for more info
CEU/PDH 1.2/12
Integrating Pavement Preservation Practices and Pavement Management

Target Audience: Engineers, road agency supervisors, and others involved in pavement management, maintenance, and evaluation

This condensed version of the National Highway Institute (NHI) course provides information needed for successful use of pavement management activities to support a pavement preservation program.

$150 Public • $250 Private
Call 352.273.1685 for more info
CEU/PDH 0.7/7

Long-Term Pavement Performance (LTPP) — Pavement Distress Identification

Target Audience: Engineers, road agency supervisors, and those who evaluate pavement for maintenance and/or repair

This course covers distress definitions, as used by LTPP for each pavement type, and best approaches for performing test section measurements. It incorporates classroom and field reviews, including visits to two asphalt and two concrete locations. Distresses that are observed in the field at the first location are discussed and rated by participants. The second site is used as an exam with no group discussion prior to having the participants perform the ratings.

$295 Public • $395 Private
Call 352.273.1685 for more info
CEU/PDH 1.75/17.5

Safety Edge NEW!

See page 4 for more information.

Superpave for Local Agencies

Target Audience: Engineers, supervisors, managers, and roadway personnel and crews

The Florida Department of Transportation (FDOT) now uses Superpave for all asphalt paving jobs. FDOT no longer verifies, processes, or supports any Marshall mix designs. Orient your workforce on Superpave. This workshop will also cover FDOT Design Standards and is specifically designed for county and municipal roadway professionals.

$125 Public • $210 Private
Call 352.273.1685 for more info
CEU/PDH 0.6/6

Bicycles

Community Bicycle and Pedestrian Safety Programs

Target Audience: Local safety officials and school resource officers

This course covers Earn-a-bike community programs, design and implementation of bicycle safety rodeos, strategies for bicycle enforcement, walk audits, and bicycle-friendly community assessments. It is approved by the Safety Council as an alternative transportation safety class for DUI offenders. The course duration varies depending on

$125 Public • $210 Private
Call 352.273.1685 for more info
CEU/PDH 0.6/6

Chainsaws

Chainsaw Safety

Target Audience: Chainsaw operators — all skill levels

Why does your chainsaw pull to the right when cutting a tree? How should you cut this tree safely? Need answers? This class is for you! Topics include operator safety, chainsaw maintenance, and safe use. The safety training duration varies with skill level.

$75 Public/$150 Private
Call 352.273.1685 for more information

Chainsaw Safety/Hands-on

Target Audience: Chainsaw operators — all skill levels

This course includes the Chainsaw Safety course listed above. In addition, learn the correct use of protective gear, the safe use of wedges/angles, and how to fell trees using OSHA-recommended methods. Participants will fell a tree using proper equipment and techniques and learn about chainsaw operator safety, maintenance, and safe use. The safety and hands-on training duration varies with skill level.

$195 Public • $295 Private
Call 352.273.1685 for more information

Bridges

Bridge Maintenance

Target Audience: All personnel responsible for bridge maintenance and repair — ranging from crews to engineers

This National Highway Institute (NHI) course covers bridge maintenance management and safety, as well as maintenance and repair for the bridge deck, superstructure, and structure.

$800 Public • $950 Private
Call 352.273.1685 for more info
CEU/PDH 2.8/28
**Chainsaw Safety in Disaster Recovery**

Target Audience: Chainsaw operators — all skill levels

This informative, hands-on, safety-oriented class is open to all skill levels. A limited number of hands-on slots are available. Learn the correct way to safely remove and clean up fallen trees and to properly use all safety equipment. Bring your chainsaw, and have it examined for any potential problems. Workshop emphasizes OSHA procedures and personal protection equipment (PPE). The safety and hands-on training duration varies with skill level.

- $195 Public • $295 Private
- Length varies

Call 352.273.1685 for more information

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**Concrete and Cement**

**Associate Concrete Transportation Construction Inspector ACI**

Target Audience: Chainsaw operators — all skill levels

This informative, hands-on, safety-oriented class is open to all skill levels. A limited number of hands-on slots are available. Learn the correct way to safely remove and clean up fallen trees and to properly use all safety equipment. Bring your chainsaw, and have it examined for any potential problems. Workshop emphasizes OSHA procedures and personal protection equipment (PPE). The safety and hands-on training duration varies with skill level.

- Call 352.273.1661 for pricing

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**Cement Base Applications for Pavement**

Target Audience: Engineers, public works officials, inspectors, managers, and roadway designers

Learn how Portland cement improves subgrade soils, strengthens pavement bases, serves as an effective material for backfill, and can be used to recycle worn out, flexible pavements to create environmentally friendly pavements. The course presents information on cement-modified soil, cement-treated base, soil-cement base, full-depth reclamation, and roller-compact concrete pavements, as well as the applications, design, materials engineering, construction, testing, and performance of pavements.

- $125 Public • $210 Private
- 7 hrs

Call 352.273.1685 for more information

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**Concrete Batch Plant Operator CTQP**

Target Audience: All concrete batch plant operators

Participants learn to prepare concrete design mixes in accordance with standard test methods. The course focuses on performing calculations required for batching concrete for an FDOT-approved ready-mix concrete plant.

- Course with written exam: 10 hrs
- $325 CEU/PDH 0.8/8

Call 352.273.1661 for more information

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**Concrete Field Testing Technician Grade 1 ACI**

Target Audience: FDOT employees who perform acceptance tests to verify ready-mix concrete

This ACI course includes information about and demonstrations of how to properly perform and record the results of seven basic field tests on freshly mixed concrete.

- Course with written and proficiency exams: 16 hrs

Call 352.273.1661 for pricing

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**Concrete Laboratory Testing Technician Level 1 ACI**

Target Audience: FDOT employees who perform, record, and report the results of basic laboratory procedures for aggregates and concrete.

This certification is automatically awarded to trainees who successfully complete the following courses, both of which are offered by the Florida T2 Center and are described in this portfolio:

- ACI Concrete Strength Testing Technician (see page 9)
- ACI Aggregate Testing Technician Level 1 (see page 5)

Call 352.273.1661 for pricing

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**Concrete Laboratory Testing Technician Level 2 ACI**

Target Audience: FDOT employees having either (1) at least one year (2000 hours) of approved work experience or (2) a combination of work experience and education and hold a current ACI Concrete Laboratory Testing Technician Level 1 certification
This ACI course includes information about and demonstrations of how to properly perform, record, and report the results of advanced laboratory procedures for aggregates and concrete.

Course with written and proficiency exams: 24 hrs
Call 352.273.1661 for pricing

Concrete Strength Testing Technician ACI

Target Audience: FDOT employees who perform laboratory acceptance tests to verify concrete strength

This ACI course includes information about and demonstrations of how to properly perform, record, and report the results of four basic ASTM laboratory procedures related to the determination of concrete compressive and flexural strength.

Course with written and proficiency exams: 8 hrs
Call 352.273.1661 for pricing

Concrete Transportation Construction Inspector ACI

Target Audience: FDOT employees who perform ready-mix concrete structural inspections and hold the ACI Concrete Field Testing Technician Grade I certification

This ACI course includes information about concrete construction, including plans reading, soil-cement, piling installations, formwork installation and removal, reinforcements, embedments, sampling and testing freshly mixed concrete, conveying, placing, consolidating, finishing, jointing, curing, and protecting concrete.

Course with written exam: 24 hrs
Call 352.273.1661 for pricing

FDOT Concrete Field Inspector Specification CTQP

Target Audience: FDOT and contractor Quality Control technicians who perform job site acceptance tests and inspections

This updated 2 ½ day course, based on the July 2011 Supplemental Specifications, will improve your understanding of fdot’s Standard Specification Sections 346, 347, 400, 415, and other sections relevant to the placement and field testing of ready-mix concrete.

Course with written exam: 18 hrs
$500 CEU/PDH 1.8/18
Call 352.273.1661 for more information

Design

Basics of a Good Road

Target Audience: Inspectors, contractors, road crews, and supervisors seeking basic road construction information

This course features materials, design features, compaction, paving mixes, traffic considerations, soils, road geometry, and drainage of a good road. Videos and illustrations demonstrate proper maintenance techniques while citing common mistakes arising on the jobsite. Ample time is allowed for questions on specific maintenance issues.

$125 Public • $210 Private 6 hrs
Call 352.273.1665 for more info CEU/PDH 0.6/6

Designing Facilities for Bicyclists and Pedestrians as Part of Multimodal Planning

Target Audience: Transportation planners, engineers, roadway designers, consultant firms, FDOT district/local project managers, bike/ped advisory board members, engineering and planning faculty, and graduate students

This training covers the current AASHTO design standards for bicycle/pedestrian facility planning, innovative safety and design research, FDOT-updated multimodal planning level of service tools, and a practical approach to implementing and funding bike/ped facilities. It includes best practices case studies from the U.S. and Europe and incorporates field experience at local facilities as time allows.

$150 Public • $250 Private 8 hrs
Call 352.273.1665 for more info CEU/PDH 0.7/7

Highway Design for Older Drivers and Pedestrians

Target Audience: Highway designers, traffic engineers, and highway safety specialists

This class provides practical information linking older road user characteristics to highway design and operational/traffic engineering recommendations by addressing specific roadway features. It supplements the existing standards and guidelines for highway geometry, operations, and traffic control devices.

$125 Public • $210 Private 6 hrs
Call 352.273.1665 for more info CEU/PDH 0.6/6


See page 4 for more information.

Human Factors for Transportation Engineers

Target Audience: Roadway designers, traffic engineers, and safety personnel who plan and design roadways for vehicles and pedestrians

This interactive course includes modules on information perception, decision making, driver responses, and human factors principles. It emphasizes the relationship between specific highway standards and human needs, and includes discussions and demonstrations on human skills, capabilities, and micro case studies to allow participants to apply the knowledge they have gained.

$125 Public • $210 Private 7 hrs
Call 352.273.1665 for more info CEU/PDH0.7/7
Introduction to the Florida Greenbook

Target Audience: Both technical and nontechnical city/county personnel needing knowledge of basic design requirements and minimum standards for city/county-maintained roadways.

The Florida Greenbook (Florida Manual of Uniform Minimum Standards for Design, Construction, and Maintenance for Streets and Highways) provides basic design requirements and minimum standards for city- and county-maintained roadways in the state. This class is appropriate for both technical and nontechnical personnel. Topics also include sidewalks, curbs, curb ramps, crosswalks (where feasible), bicycle facilities, and under/overpasses for vehicular and pedestrian traffic.

Call 352.273.1685 for pricing 12 hrs CEU/PDH 1.2/12

Traffic Engineering Fundamentals

Target Audience: Non-traffic engineers or technicians, engineering/planning professionals who regularly interface with traffic engineering or are new to the discipline.

This class covers signal systems and operations, analysis of roadway capacity and level of service, intelligent transportation systems, traffic control devices, roundabouts, and traffic incident management. Choose from all three days, days one and two, or day three.

All three days: 21 hrs
$545 Public • $625 Private CEU/PDH 2.1/21

Days one and two: 14 hrs
$425 Public • $550 Private CEU/PDH 1.4/14

Day three: 7 hrs
$250 Public • $350 Private CEU/PDH 0.7/7

Call 352.273.1685 for more information

Transportation Site Impact and Trip Generation

Target Audience: City, county, and state engineers and planners, consultants, and others involved in the design and approval of new land developments and modification of existing facilities.

This workshop presents the methodology, techniques, and procedures used in traffic analyses for proposed land developments, the determination of off-site and on-site transportation requirements, and an approach to the preparation of reports and findings. The workshop is based on the Institute of Transportation Engineers (ITE) methodologies and recommended practices and presents a discussion of trip generation anomalies, cautions, and case studies. Participants work in teams to analyze illustrative problems and will receive ITE’s publication, Transportation Impact Analyses for Site Development: an ITE Proposed Recommended Practice, along with presentation materials.

$275 Public • $375 Private 14 hrs
Call 352.273.1685 for more info CEU/PDH 1.4/14

Wildflowers and Noxious Weeds in Florida

Target Audience: Maintenance workers, supervisors, engineers, and employees in charge of vegetation design and care.

Learn wildflower landscape design and maintenance for roadways, intersections, and bridges. The importance of maintaining designed areas using local wildflower species is emphasized along with noxious weed control methods.

$125 Public • $210 Private 6 hrs
Call 352.273.1685 for more info  CEU/PDH 0.6/6

Earthwork

Earthwork Construction Inspection Level 1 CTQP

Target Audience: FDOT and contractor quality control technicians who perform field testing of soils used for roadway construction.

Trainees will learn how to safely and effectively sample soil materials from the roadway, take earthwork density readings, and record those findings in a density log book. Topics include nuclear gauge use and maintenance, determination of moisture levels in the soil, and utilization of the FDOT Earthwork Records System. Nuclear Safety Certification is required for qualification.

Course with written and proficiency exams: 14 hrs
$475 CEU/PDH 0.8/8
Call 352.273.1661 for more information

Earthwork Construction Inspection Level 2 CTQP

Target Audience: FDOT and contractor quality control technicians who verify that earthwork test results meet acceptance criteria and comply with standards, specifications, and contract documents.

Improve your skills in applying standards and specifications associated with earthwork sampling, testing, recording, and inspecting earthwork construction on FDOT projects.

Course with written exam: 10 hrs
$400 CEU/PDH 0.8/8
Call 352.273.1661 for more information
Geotech

Drilled Shaft Inspection CTQP

Target Audience: FDOT and contractor quality control technicians responsible for inspecting drilled shaft foundations

Recognize and become familiar with the drilled shaft construction process, equipment, nomenclature, and FDOT Standard Specifications for Road and Bridge Construction (SSRBC) Section 455.

Course with written exam: 24 hrs
$600 CEU/PDH 1.6/16
Call 352.273.1661 for more information

Geotechnical Engineering for Non-Geotechnical Engineers — The Basics

Target Audience: Non-soils engineers, technicians, inspectors, project engineers/managers, architects, landscape architects, geologists, earth scientists, civil and other engineers, construction personnel, industry tech/sales representatives, public works professionals, and engineers-in-training (no formal geotechnical education is needed)

Develop your understanding of the basics with this straightforward, practical, entry-level course which describes and analyzes each important element of soil engineering: soil classifications and behavior, field investigations, soils reports, water effects on soils, dewatering, earth pressures and stresses, soil strength and settlement, compaction of sands and clays, construction procedures, stability of cuts and fills, geosynthetics, and earthwork.

$125 Public • $210 Private
6 hrs
Call 352.273.1685 for more info
CEU/PDH 0.6/6

Pile Driving Inspection CTQP

Target Audience: FDOT and contractor quality control technicians responsible for inspecting driven pile foundations and retaining wall installations

Recognize and become more familiar with how to record and document activities related to pile driving projects. Learn more about pile driving equipment, processes, terminology, and FDOT’s Standard Specifications for Road and Bridge Construction (SSRBC) Section 455.

Course with written and proficiency exams: 24 hrs
$725
Call 352.273.1661 for more information

Crane Truck Safety

Target Audience: New or experienced operators of your equipment at your facility

This course covers crane operation and safety, OSHA, ANSI/ASME standards, training requirements, machine setup/rigging, work zones, hazardous conditions, inspections/checklists, load assessment, communication, maintenance, and much more.

$125 Public • $175 Private
6 hrs
Call 352.273.1685 for more information

Heavy Equipment

Backhoe — Safety/Hands-on

Target Audience: Backhoe operators — all skill levels

This training provides equipment operators with classroom and hands-on experience while acquainting operators with proper road profiles, drainage issues, maintenance methods, and new techniques and technologies. It also covers safety, backhoe types, maintenance, speed, aggregate types, road profiles, ditching, draining, dust control, wetlands issues, and more. The instructor provides field assistance on backhoe techniques and solving problems on your agency’s local roadways. The safety and hands-on training duration varies with skill level.

$250 Public • $350 Private
Length varies
Call 352.273.1685 for more information

Bucket Truck — Safety/Hands-on

Target Audience: Operators, managers, administrators, and supervisors — all skill levels

This workshop is held at your location using your equipment. Topics include personal safety, personal protection equipment, pre-use inspection, functional operation, and inspection of all components. It also covers the importance of routine inspection reports and unit maintenance, as mandated/required by OSHA, as well as information on mechanics, hydraulics, fluids, and the dielectric testing integrity of the mast and boom/bucket. Participants perform hands-on pre-use inspection, correct setup of a unit on available surface for maximum stability, and load capacities of the bucket on a five-degree slope. Participants earn a certificate of competency for successfully completing the course and written exam. The safety and hands-on training duration varies with skill level.

$250 Public • $350 Private
Length varies
Call 352.273.1685 for more information

Florida T2 Center Training Portfolio

2013 Training Portfolio

t2ctt.ce.ufl.edu

Florida Technology Transfer Quarterly

11
Forklift-Powered Industrial Truck — Safety/Hands-on

Target Audience: Warehouse, shop, and maintenance drivers — all skill levels
This safety workshop complies with all OSHA regulations and is held at your location using your equipment. Topics include how a forklift works, safe operating rules/techniques/procedures, load handling, and inspection. Participants earn a certificate of competency for successfully completing the written and proficiency exams. The safety and hands-on training duration varies with skill level.

$195 Public • $295 Private  Length varies
Call 352.273.1685 for more information

Front-end Loader — Safety/Hands-on

Target Audience: Front-end loader operators — all skill levels
This safety workshop complies with all OSHA regulations and is held at your location using your equipment. Topics include how a front-end loader works, safe operating rules/techniques/procedures, load handling, and inspection. Participants earn a certificate of competency for successfully completing the course and written exam. The safety and hands-on training duration varies with skill level.

$325 Public • $425 Private  Length varies
Call 352.273.1685 for more information

Maintenance of Traffic — Basic

Target Audience: Individuals working in traffic control zones on state roadways with responsibility for flagging traffic
Basic MOT training is required for every employee flagging traffic in traffic control zones. This course includes a review of Part 6E of the MUTCD, Florida Design Standard Index 600, and general information for traffic control through work zones. This training may be performed in-house by a qualified Intermediate MOT or Advanced MOT employee. Requalification is required every four years.

$90 Public • $120 Private  6 hrs
Call 352.273.1685 for more information

Front-end Loader — Safety/Hands-on

Target Audience: Front-end loader operators — all skill levels
This safety workshop complies with all OSHA regulations and is held at your location using your equipment. Topics include how a front-end loader works, safe operating rules/techniques/procedures, load handling, and inspection. Participants earn a certificate of competency for successfully completing the course and written exam. The safety and hands-on training duration varies with skill level.

$325 Public • $425 Private  Length varies
Call 352.273.1685 for more information

Gradall Hands-On NEW!
See page 4 for more information.

Motor Grader Operator — Safety/Hands-on

Target Audience: Motor grader operators, managers, and operator supervisors — all skill levels
This course and manual acquaint operators with proper road profiles, drainage issues, maintenance methods, and new techniques and technologies. Topics include safety, grader speed/types/maintenance, blade pitch, articulation, aggregate types, road profiles, ditching, draining, washboarding, dust control, wetlands issues, and more. The instructor travels to your municipality and provides field assistance on grader techniques and solving problems on your local roads. The safety and hands-on training duration varies with skill level.

$350 Public/$475 Private  Length varies
Call 352.273.1685 for more information

Maintenance of Traffic — Intermediate

Target Audience: Persons with direct control of placement, maintenance, and inspection of traffic control devices, training and placing flaggers, and drafting or generating electronic work zone control plans
Successful course completion provides Intermediate MOT qualification. Materials include in-depth analysis of Florida Design Standard Index 600 and Part 6 of the MUTCD. Requalification is required every four years.

$170 Public • $210 Private  16 hrs
Call 352.273.1685 for more info  CEU/PDH 1.5/15

Maintenance of Traffic — Intermediate Refresher

Target Audience: See Maintenance of Traffic — Intermediate
Prerequisite: Valid Intermediate Maintenance of Traffic qualification
Satisfactory completion of Intermediate Refresher training must occur on or before the participant’s Intermediate MOT qualification expiration date to extend qualification for four years. Participants who do not pass the exam must take the full, 16-hour course to requalify. This refresher course is an overview of the initial course with concentration on changes that have occurred to the Florida Design Standard Index 600 and Part 6 of the MUTCD in the past four years.

$120 Public • $160 Private  4 hrs
Call 352.273.1685 for more info  CEU/PDH 0.3/3

Tractor Mower Operator Safety

Target Audience: Tractor mower operators — all skill levels
An AEMF/FEMA-based best safety practices Industrial Mower Operator Safety Training Program. This course covers all makes and models of tractors and mowers, and includes both classroom and hands-on training.

$145 Public • $250 Private  8 hrs
Call 352.273.1685 for more information
Maintenance of Traffic — Advanced

Target Audience: All personnel with responsibility for, or authority to decide on specific maintenance of traffic requirements to be implemented on state roadways, including the engineer responsible for the work zone traffic control plan development and the work zone traffic control supervisor.

Prerequisites: One year of experience in work zone traffic control and responsibility for work zone traffic control plan development.

Successful course completion provides Advanced MOT qualification. Successful participants will be able to analyze, design, implement, and operate traffic control plans in a clear and concise manner. Requalification is required every four years.

$295 Public • $395 Private 20 hrs
Call 352.273.1685 for more info CEU/PDH 1.675/16.75

Maintenance of Traffic — Advanced Refresher

Target Audience: See Maintenance of Traffic — Advanced

Prerequisite: Valid Advanced Maintenance of Traffic qualification.

Satisfactory completion of the Advanced Refresher training must occur on or before the participant's Advanced MOT qualification expiration date to extend qualification for four years. Participants failing the exam must retake the full, 20-hour course to requalify.

This refresher course is an overview of the initial course with concentration on changes to the Florida Design Standards, Part 6 of the MUTCD, PPM, CPAM, and Florida’s Standard Specifications for Road and Bridge Construction.

$150 Public • $200 Private 4 hrs
Call 352.273.1685 for more info CEU/PDH 0.3/3

Mobile Equipment and Internal Work Zone Safety

Target Audience: Public works employees in water/wastewater, utilities, parks, irrigation, or indoor/outdoor municipal work zones, and those who operate/work near mobile equipment.

This workshop covers mobile equipment hazards, crashes, work zone perimeters/barriers, inclines, surface conditions, proximity to excavations/general stability, falling object/rollover protective structures, vehicle restraint devices, rider-passenger rules, pedestrian worker safety rules, suspended loads/rigging, trailering, equipment inspection, pre-job checklists, unattended equipment, and nighttime security.

$75 Public • $100 Private 4 hrs
Call 352.273.1685 for more information

Work Zone Training for Law Enforcement

Target Audience: Law enforcement officers.

This course covers safe and effective practices, roles, and procedures for law enforcement officers working in work zones, as well as the basic components, standards, and guidelines related to temporary traffic control in work zones.

$100 Public • $150 Private 4 hrs
Call 352.273.1685 for more information

Making Work Zones Work Better

Target Audience: Traffic engineers/construction/project engineers, contractors, utility personnel, law enforcement officers, planners, public officials, and others involved in project development, work zone operations, and safety.

Traffic mobility and safety in and around work zones continues to be a problem in Florida. Over the past 20 years, severe congestion has doubled and extreme congestion has tripled. More than 24% of all non-recurring congestion is due to work zones, and that amount is projected to increase by 50% over the next 10 years. Course topics include congestion through reduced-capacity work zones, noise requirements for nighttime construction, adequate public relations campaigns, and mitigation techniques and strategies.

$150 Public • $250 Private 8 hrs
Call 352.273.1685 for more info CEU/PDH 0.8/8
Nuclear Density Gauge Safety
Nuclear Density Gauge Safety (including HazMat)

Target Audience: Technicians who use or work near nuclear density gauges

This course covers the safe operation of portable nuclear density gauges and includes safety regulations for storing, transporting, and handling gauges. Technicians transporting and handling nuclear density gauges are required to attend the eight-hour Nuclear Density Gauge Safety course. Passing the exam fulfills this requirement. Continued gauge usage requires either successfully completing this training every three years or the Nuclear Density Gauge HazMat requalification training (below). The class is required for Earthwork Construction Inspector Level 1 qualification and is highly recommended for Asphalt Paving Level 1 technicians as they use or work near nuclear density gauges.

Course with written exam: 8 hrs
$150  CEU/PDH 0.6/6

Call 352.273.1661 for more information

Pilot/Escort Flagging Refresher

Target Audience: Refer to Pilot/Escort Flagging

Prerequisite: Valid Florida Pilot/Escort Flagging course certificate

This refresher course is an overview of the initial course with concentration on February and October 2010 changes to the Florida Administrative Code. A four-year certificate is mailed to trainees who successfully complete the exam. The course is also available online through the Florida T2 Center website (see Pilot/Escort Flagging Refresher Online).

$60  4 hrs

Call 352.273.1670 for more information

Pilot/Escort Flagging Refresher Online

Target Audience: Refer to Pilot/Escort Flagging

Prerequisite: Valid Florida Pilot/Escort Flagging course certificate

This Computer Based Training (CBT) refresher consists of approximately four hours of initial course review (self-paced) with concentration on February and October 2010 changes to the Florida Administrative Code. A four-year certificate is mailed to trainees who successfully complete the exam. Visit t2ctt.ce.ufl.edu/pero to enroll.

$60  4 hrs

Call 352.273.1670 for more information

Project Management

Construction Estimating

Target Audience: Employees responsible for making construction quantities estimates

This workshop provides agency personnel with practice and experience in making computations for estimating and measuring roadway maintenance quantities and amounts. Participants must supply their own calculator (TI36x or equivalent) and be able to use it to add, subtract, multiply, and divide.

$120 Public • $210 Private 4 hrs

Call 352.273.1685 for more information

Economic Evaluation of Public Projects

Target Audience: Engineers, managers, and technicians who assist with/analyze the financial feasibility of construction projects using public monies

This workshop provides a basic foundation in engineering economics principles and how to apply them to make realistic economic decisions between competing alternative solutions. The framework for decision making from an economic viewpoint includes the theory, knowledge, and
tools used to analyze commonly encountered engineering problems.

$200 Public • $300 Private 8 hrs
Call 352.273.1685 for more info  CEU/PDH 0.7/7

**Final Estimates Level 1 CTQP**

Target Audience: FDOT personnel, contractors, and construction inspection personnel responsible for providing proper measurements, computations, documentation, and submission of final estimates.

This course covers general responsibilities and procedures for final estimates, types and methods of proper documentation, and methods for measuring and computing pay-item quantities.

Course and written exam: 8 hrs
$350  CEU/PDH 0.6/6
Call 352.273.1661 for more information

**Final Estimates Level 2 CTQP**

Target Audience: All employees responsible for producing, reviewing, and approving monthly, progress, and final payments and/or compiling final estimates packages.

This course covers contract language, asphalt records, final plans, certifications, earthwork requirements, and fuel and bituminous adjustments. It also presents standard policies, procedures, and common practices necessary to produce optimal, accurate, and timely payments.

Course with written exam: 16 hrs
$575  CEU/PDH 1.4/14
Call 352.273.1661 for more information

**FDOT Specifications**

Target Audience: Roadway designers, specification writers, engineers, and contractors.

FDOT uses Contractor Quality Control (CQC) specifications on all projects for asphalt, concrete, and earthwork, which fundamentally changes acceptance and testing on FDOT projects and may affect your city or county. Learn a simplified process and easily customized tools that follow FDOT’s Standard Specifications for Road and Bridge Construction, become familiar with the workbook and process of selecting files to include in project packages, and learn the macro to pull it all together.

$125 Public • $210 Private 6 hrs
Call 352.273.1685 for more info  CEU/PDH 0.6/6

**Inspecting Municipal Properties**

Target Audience: Employees responsible for safety inspection of public properties.

This course covers the inspection of indoor/outdoor work areas, public properties, and access areas; emphasizes basic OSHA regulatory compliance, standard work place safety issues, desirable/undesirable working conditions, personal protective equipment (PPE) requirements, signage and markings; and presents agency inspection checklist forms and recommendations for proactive maintenance with limited resources.

$100 Public • $150 Private 4 hrs
Call 352.273.1685 for more information

**Introduction to Highway Construction Inspection**

Target Audience: Inspectors, contractors, technicians, and construction personnel.

This course provides participants with an understanding of construction processes and a useful reference for highway construction inspection. It covers chain of command, the preconstruction conference, working shop drawings, construction records, materials control, utility relocation, schedule/contract time, progress estimates, safety, contract modifications, contractor claims, acceptance of work, and final estimates.

$125 Public • $210 Private 7 hrs
Call 352.273.1685 for more info  CEU/PDH 0.7/7

**Project Manager/Inspector Fundamentals**

Target Audience: Roadway managers and inspectors.

This introduction and review course gives managers and inspectors the basic tools required for job planning. Participants will review and perform hands-on training for plans reading/review, soil borings, geometrics, field layout, survey, utilities, bridges, drainage, soils, geotechnical work zone safety, and construction safety. Participants will form teams, conduct a plans review, and an onsite/field review.

$295 Public • $395 Private 11 hrs
Call 352.273.1685 for more info  CEU/PDH 1.1/11

**Quality Control Manager CTQP**

Target Audience: FDOT, contractor, and construction inspection personnel involved in acceptance decision making.

Learn how to develop quality control plans and how to monitor adherence to those plans during the construction process.

Course with written exam: 14 hrs
$400  CEU/PDH 1.2/12
Call 352.273.1661 for more information
Safety

Building and Facility Maintenance Safety

Target Audience: City, county, and special maintenance employees

This course is a must for your maintenance crew. It reviews accident history, relative OSHA standards, work zone safety issues, basic work zone setup, vacant work zone issues, personal protective equipment (PPE), shop and work area housekeeping, power and hand tool safety, welding, fall protection, excavating issues, and property inspection and forms.

$125 Public • $200 Private 7 hrs
Call 352.273.1685 for more information

Chemical Spill Prevention, Control & Countermeasures

Target Audience: Public works, streets/roads, parks, building maintenance, wood or metal shop, fleet, and water/wastewater utility workers

The training introduces participants to basic chemical (or hazardous material) management. It covers receipt, storage, use, normal disposal, and clean-up of, as well as emergency response for, many chemical substances commonly found in cities, counties, and special districts.

$125 Public • $210 Private 8 hrs
Call 352.273.1685 for more information

Common Sense Solutions for Intersection Safety Problems

Target Audience: Elected officials, law enforcement officers, municipal workers, safety advocacy groups, roadway designers, public works employees, directors, and engineers

This class provides the basics of intersection safety problems, issues, and liability, as well as the officials’ role in making local intersections safer while protecting their governments from litigation. It also provides practical information that does not require engineering expertise for common safety problems, as well as background information on problems that do require engineering expertise.

$125 Public • $210 Private 7 hrs
Call 352.273.1685 for more info CEU/PDH 0.7/7

Community Approach to Safe Routes to School Programs

Target Audience: Community safety officials, CTST members, bike/ped coordinators, Safe Kids Coalition members, county health staff, school administrators, and interested PTA members

This course is a national Safe Routes to School (SRTS) overview covering the 5 Es (Engineering, Education, Encouragement, Enforcement, and Evaluation) and practical ways to create a community-based SRTS program. It addresses state funding applications and applying for infrastructure/non-infrastructure funds. It also includes a field exercise walk audit of a school site and shares enforcement strategies, education programs, encouragement ideas, and success stories about local walking school buses.

Call 352.273.1685 for pricing 7 hrs
CEU/PDH 0.6/6

Confined Space Entry Certification

Target Audience: Municipal water, wastewater and stormwater utility employees

This course identifies and addresses common municipal permit-required, confined space situations rarely covered by other programs. It offers a comprehensive review of Confined Space Entry policy and the most advanced permit form. It also covers implementation methods; introduces hazards specific to water, wastewater, and stormwater facilities; presents new safety products, accident prevention, and site analysis measures; and includes a field exercise.

$125 Public • $210 Private 8 hrs
Call 352.273.1685 for more information

Defensive Driving Skills and Crash Prevention for Heavy Vehicle Operation

Target Audience: Operators of heavy equipment — all skill levels

This class develops knowledge of and driving skills for dual and single axle dump trucks, ¾ ton pickups, emergency vehicles, and more. Increase your confidence level in operating vehicles with a GVWR over 26,000 lb and towing trailers/vehicles rated at 10,000 lb GVWR or less. The safety and hands-on training duration varies with skill level.

$175 Public • $295 Private Length varies
Call 352.273.1685 for more information

Fleet Maintenance Safety

Target Audience: Fleet mechanics, managers, supervisors, foremen, and safety officers

Attendees are introduced to basic and advanced fleet management safety concepts. Learn about serious injury and fatality incidents related to municipal fleet operations. The course emphasizes how you can substantially reduce the likelihood of a serious city or county garage accident through work site safety engineering, the practice of safe procedure, the use of personal protective equipment (PPE), and regular safety education.

$125 Public • $210 Private 6 hrs
Call 352.273.1685 for more information

Lockout/Tagout: Isolation and Control of Hazardous Energy at Municipal Work Places

Target Audience: Public works/utility employees, water/wastewater distribution/plant operators, and anyone exposed to hazardous energy
This course combines a total program approach to lockout/tagout principles with worksite safety engineering, safe work practices, protective devices/products, special clothing and proper use of personal protective equipment. It also presents hazardous energy sources, lockout/tagout concepts applicable to public work spaces, recent public sector lockout/tagout hazards and accidents, and available isolation and/or lockout devices.

$75 Public • $100 Private 4 hrs
Call 352.273.1685 for more information

Low-Cost Safety Improvements for Rural Roads

Target Audience: Elected officials, law enforcement officers, municipal workers, safety advocacy groups, roadway designers, street superintendents, public works employees, directors, and engineers

This class is a basic review of low-cost safety solutions for roadways, emphasizing rural roads. It provides information on common safety problems in a practical format that does not require engineering expertise.

$125 Public • $210 Private 6 hrs
Call 352.273.1685 for more information

OSHA Competent Person

Target Audience: Engineers, contractors, supervisors, inspectors, and construction and road crews

This course covers the OSHA Trenching and Excavation Competent Person requirements. Learn about soil classifications, tests, hazard recognition, and how to apply the standards.

$125 Public • $210 Private 5 hrs
Call 352.273.1685 for more information

Power Line Safety for the Municipal Worker

Target Audience: Public works/utility crews, safety/safety loss control officers, and anyone working around power utilities

This program educates workers on above- and below-ground power line configurations, activities that place them at risk of contact with high voltage lines, accident prevention methods, and safe work practices when operating new power lines. It also covers power line accident scenarios, issue/incident prevention, and ground penetrating radar. It includes a field exercise and demonstration.

$75 Public • $100 Private 4 hrs
Call 352.273.1685 for more information

Retroreflectivity - Conducting Traffic Sign Inspections NEW!

See page 4 for more information.

Road Safety 365: A Workshop for Local Governments NEW!

See page 4 for more information.

Road Safety Audits for Community Traffic Safety Teams (CTSTs)

Target Audience: Community Traffic Safety Team (CTST) members

Road Safety Audits (RSAS) for CTSTs, an abbreviated version of the full course, is available only to CTST members. The RSA is an effective tool to help reduce injuries and fatalities on your road network. This workshop provides CTST members with a step-by-step procedure for performing RSAs to recognize basic RSA concepts, evaluate risk and safety, and become familiar with common issues, which gives the team the ability to conduct audits. Simple, low-cost safety improvements can be implemented to reduce fatalities and severe crashes. An optional, onsite RSA will be conducted at a predetermined, local site.

Call 352.273.1697 for pricing 8 hrs
CEU/PDH 0.8/8

Road Safety Audits for Local Governments

Target Audience: Traffic engineers and other local government decision makers

This class introduces Road Safety Audits (RSAs) as an effective tool to reduce injuries and fatalities on your road network through low-cost safety improvements. Learn basic RSA concepts, risk, safety, and common issues. Gain experience in conducting a RSA. An onsite RSA is conducted on day 2 at a predetermined, local site.

Call 352.273.1697 for pricing 16 hrs
CEU/PDH 1.2/12

Roadside Maintenance Safety

Target Audience: Mower tractor operators, and vegetation control workers

This course teaches OSHA standards, the fundamentals of safe mower use, traffic control procedures, PPE, sprayers, accident reviews and prevention, and vegetation control. This is not a hands-on equipment course.

$120 Public • $210 Private 5 hrs
Call 352.273.1685 for more information

Safe Mobility for Life Program: Planning and Designing for an Aging Population

Target Audience: Engineers, planners, and associated professionals

By 2020, one in four Florida residents will be over 65 and half of those residents will be 75 or older. Developed by FDOT and based on FHWA's Highway Design Handbook for Older Drivers and Pedestrians, this Florida-specific training raises awareness of roadway needs related to mature drivers. It presents alternative solutions to the planning, design, and operation of roadways and associated facilities.

Call 352.273.1685 for pricing 7 hrs
CEU/PDH 0.7/7
Stormwater

Stormwater, Erosion, and Sedimentation Certification Program (NPDES)

Target Audience: Persons responsible for planning and/or inspecting stormwater runoff and containment sites

This course satisfies the EPA regulations for qualified/certified inspectors for the Florida Stormwater, Erosion and Sedimentation Control Program and covers the Florida best management practices. To become a Certified Stormwater Management Inspector, participants must successfully complete the state-approved course and exam.

$195 Public • $295 Private 13 hrs
Call 352.273.1685 for more info CEU/PDH 1.3/13

Surveying

Surveying Methods for Local Agencies

Target Audience: Individuals with limited to no surveying experience including engineers, supervisors, managers, state/local officials, road agency personnel, and others interested in learning simple surveying methods

This course covers basic surveying techniques using the hand level, rule (tape), and level rod. Participants learn how to record field measurement notes and use the notes to make simple calculations.

$125 Public • $210 Private 7 hrs
Call 352.273.1685 for more info CEU/PDH 0.7/7

Workforce Development and Management

Between You and Me: Managing Conflict at Work

Target Audience: Your entire team

In today’s workforce, some people are reluctant to get involved in a conflict situation. Who doesn’t feel uncomfortable at the thought of an unpleasant and possibly emotional confrontation? Unfortunately, conflicts are rarely self-healing conditions. Learn how to take responsibility for resolving individual conflicts by following simple, effective steps.

Public $125 • Private $210 3 hrs
Call 352.273.1685 for more information

Coaching for Success

Target Audience: Supervisors and other leaders

Learn basic leadership skills to encourage/guide employees toward accomplishing goals in the work environment. Coaching is a dynamic, face-to-face leadership style. This intensive session provides practical tips on how to be a coach and become a better manager. Lectures, group discussion, and case study reviews cover techniques that can help you become a more effective leader.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

Communicate Assertively

Target Audience: Supervisors, managers, office personnel, and engineers

Assertiveness is an acquired skill, not a personality trait that some people have and others do not. When we communicate assertively, we express our feelings, thoughts, and wishes, standing up for our legitimate rights without violating the rights of others. Learn communication skills that are essential in many day-to-day situations.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

Communication Confidence

Target Audience: Supervisors, managers, office personnel, and engineers

Most of us think we are good communicators. Listening and talking are activities we engage in all the time, so we assume we do them well. Unfortunately, that is often not the case. Learn skills and tools to improve the way your team communicates.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

Creating Possibilities

Target Audience: Supervisors, managers, office personnel, and engineers

Featuring the work of Ben Zander, world-famous conductor of the Boston Philharmonic Orchestra, this course offers a fresh approach for improving your leadership by encouraging you to become a possibility — a vision. The program expresses the importance of relating to people on your team as co-visionaries and co-leaders in the part they have to play.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

Discover the Leader in You

Target Audience: Supervisors, managers, office personnel, and engineers

Packed with practical exercises, tools, checklists, and action plans, this course will help you identify specific leadership roles that are natural for you, most critical to your organization, and most difficult for you. Learn practical tools for developing your skills. Good managing and effective leadership are not about memorizing techniques; they are about the kind of capability that begins to feel like a natural part of your being.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information
Empowerment: Unleash Potential

Target Audience: Supervisors, managers, office personnel, and engineers

Want to maximize human potential? Create a culture that fosters independent initiative, creativity, and resourcefulness through proactive leadership. Identify proactive versus reactive behavior, increase your awareness of untapped potential, and develop an action plan to maximize potential in your work group.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

From Manager to Motivator

Target Audience: Supervisors, managers, office personnel, and engineers

Inspiring employee motivation requires much more than the old-fashioned carrot-and-stick approach. Today’s managers must understand the reasons why employees work and the rewards they hope to receive. Learn the many factors affecting employee motivation. If you lead others, this workshop is for you.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

Leading the Challenge of Change

Target Audience: Supervisors, managers, office personnel, and engineers

In this world of high velocity change, we face the challenge of leading others through change every day. Why is guiding these transitions such a challenge? When people perceive that an established belief, value, or behavior is threatened, they experience fear — which then motivates them to protect themselves and resist the change! Explore the dynamics of change, the role of values and behavior in the change process, how to overcome resistance to change, and how to make change irresistible.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

Making Meetings Work

Target Audience: Supervisors, staff, and engineers

How many meetings have you attended or conducted that seemed like wastes of time? Well, no more! Learn why meetings usually don’t work, how to overcome typical meeting blunders, and how to conduct effective meetings.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

Now Hear This

Target Audience: Supervisors, managers, office personnel, and engineers

Forty percent of your average workday is spent listening to others. That’s close to half a day! Are you an effective listener? Assess your listening skills. Could you improve?

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

Power of Feedback

Target Audience: Your entire workforce

Whenever we respond to another person, we are giving feedback. Effective feedback clearly communicates what’s expected. It avoids attacks, judgments, and name-calling, and uses reinforcement to point out positive behavior that can be repeated or redirected when an employee is not contributing toward the organization’s goals.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

Powerful Public Speaking

Target Audience: Upward bound employees, engineers, supervisors, and managers

Have you ever been in an interview, a meeting, or presentation and wished you were better prepared? Has stage fright impacted your effectiveness? Learn how to reduce stage fright and deliver your message in a professional manner. You will apply public speaking basics by focusing on situation, purpose, audience, and methods.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

Quality Customer Service

Target Audience: Your entire workforce

We all have customers. How effective are you when dealing with them? When was the last time you really assessed your customer interaction? Could you improve? Would it help to review and get re-energized? This is not your ordinary customer service workshop.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

Relationship Strategies

Target Audience: Upward bound staff, supervisors, and engineers

This demanding workshop offers guidelines for understanding and adjusting to differences in people through observation of their behavior. Tools presented enable you to see yourself and your world through someone else’s eyes which increases communication effectiveness.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information
Successful Supervision in Public Works
Target Audience: Public works directors, engineers, supervisors, and superintendents

Improve the quality of supervision in your public works department. This class covers tasks related to human resources management (a responsibility for all public works supervisors), how the certification interview can be used to select supervisors with competencies in human resource management, evaluation of supervisory performance related to the management of human resources, and a training program to improve supervisory performance related to personnel management.

$125 Public • $210 Private 6 hrs
Call 352.273.1685 for more info CEU/PDH 0.6/6

Surviving the Challenge of the Problem Employee
Target Audience: Supervisors, managers, engineers, and office personnel

“Bill’s work is not up to speed, but I’m afraid he’s going to get angry if I tell him.” “Mary does good work . . . when she actually comes to work.” “The problem with Joe is his attitude. I just want to fire him!” In this workshop, supervisors will learn how to analyze and control problem employees and how to get the workplace back on track to productivity.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

Teamwork: Together Everyone Wins
Target Audience: Team members, upward bound employees, engineers, supervisors, managers, and office personnel

Many organizations today use teams to identify and solve problems. Groups can transform themselves by learning the essential elements of team development.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information

What to Do First When Everything is Important
Target Audience: Supervisors, managers, office personnel, and engineers

“It takes too much time to plan. Besides, I’ve been successful so far without planning.” “Everything I have to do is important.” In today’s work environment, supervisors often are bombarded with simply too much to do. While it is true that we don’t have enough time to do it all, it is equally true that we do have enough time. The key is knowing what to do first. Learn how to control work environments and how to manage workloads.

$125 Public • $210 Private 3 hrs
Call 352.273.1685 for more information
**Mobile Video Training**

Target Audience: Field employees, entry level employees, and supervisors

This efficient video-based and instructor-led training delivers job-related skills information directly to your office, maintenance yard, or training facility. Schedule as much training in one day as possible (7 hours), and have the instructor travel to and from your site without an overnight stay. Including other agencies can save money and train the most employees at once. Average cost per training hour decreases as the total number of training hours increases. Custom-tailored training is available.

All training materials reflect Florida's regulations and guidelines. Sessions are scheduled on a first-come, first-served basis with a small registration fee that covers all employees. Your agency provides the meeting space and breaks.

Visit [t2ctt.ce.ufl.edu](http://t2ctt.ce.ufl.edu) and complete the Request Form, then submit as directed. Limited scholarships are available. For special training or questions, contact dkpage@ufl.edu or 352.273.1685.

**Mobile Video Training Program Modules**

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<tr>
<th>1 – Work Zone Safety</th>
<th>4 – Portland Cement Concrete</th>
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<tbody>
<tr>
<td>1A. Rural Road Operations (4 hrs)</td>
<td>4A. Reinforced Portland Cement Concrete Inspection (4 hrs)</td>
</tr>
<tr>
<td>1B. Urban Streets (4 hrs)</td>
<td>4B. Portland Cement Concrete Flatwork (2½ hrs)</td>
</tr>
<tr>
<td>1C. Combination of Rural Roads and Urban Streets (4 hrs)</td>
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<td>1D. Detours (2 hrs)</td>
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<td>1E. Flagging (2½ hrs)</td>
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<td>1F. Intersection Work (2 hrs)</td>
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<td>1G. Low Speed Streets (3 hrs)</td>
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<tr>
<td>1H. Moving/Mobile Operations (2 hrs)</td>
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<td>1I. Pedestrians (2 hrs)</td>
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<td>1J. Surveyors/Locators (2 hrs)</td>
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<td>1K. Utility Work (2½ hrs)</td>
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<tr>
<td>1L. Nighttime Operations (2½ hrs)</td>
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Note: Modules 1D–1L are designed to be stand-alone training modules. When taught in combination with modules 1A, 1B, or 1C, modules 1D–1L will be treated as supplemental material, adding 30 to 45 minutes to training time.

<table>
<thead>
<tr>
<th>2 – Asphalt Pavement</th>
<th>5 – Roadside Maintenance Operations</th>
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<tbody>
<tr>
<td>2A. Asphalt Pavement Repair (2 hrs)</td>
<td>5A. Mowing Safety (1 hr)</td>
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<tr>
<td>2B. Asphalt Paving (1½ hrs)</td>
<td>5B. Roadside Vegetation Control (4 hrs)</td>
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<td>2C. Asphalt Paving Inspection (1-2 hrs)</td>
<td>5C. Shoulder and Roadside Ditch Maintenance (2 hrs)</td>
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<td>2D. Asphalt Surface Treatments (2 hrs)</td>
<td>5D. Guardrail Installation (2½ hrs)</td>
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<tr>
<th>3 – Equipment/Tool Operation and Safety</th>
<th>6 – Drainage Construction/Erosion Control</th>
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<tr>
<td>3A. Asphalt Paving Compaction Equipment Operation (2 hrs)</td>
<td>6A. Pipe Placement (1½ hrs)</td>
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<tr>
<td>3B. Backhoe/Loader Operation (1½ hrs)</td>
<td>6B. Underground Safety (2 hrs)</td>
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<tr>
<td>3C. Chainsaw Safety (1 hr)</td>
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<td>3D. Commercial Driver's License (4 hrs)</td>
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<td>3E. Crane Safety (1 hr)</td>
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<td>3F. Crawler Excavator (Crawler Backhoe) Safety (1 hr)</td>
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<td>3G. Dump Truck Operation and Preventive Maintenance (1 hr)</td>
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<tr>
<td>3H. Forklift Operation and Safety (1 hr)</td>
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<td>3I. Front End Loader (2 hrs)</td>
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<td>3J. Motor Grader (2 hrs)</td>
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<td>3K. Skid Steer Loader (Bobcat) (2 hrs)</td>
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<th>7 – Soils</th>
<th>8 – Legal Concerns</th>
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<td>7A. Soil Cement Construction in Florida (1½ hrs)</td>
<td>8A. Legal Testimony — Trial and Deposition (2 hrs)</td>
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<tr>
<td>7B. Soil Stabilization in Clay Soils (1½ hrs)</td>
<td>8B. Tort Liability — Field Responsibility (1 hr)</td>
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<tr>
<td>7C. Geotextiles and Geogrids (2 hrs)</td>
<td>8C. Tort Liability — Management Responsibility (1-2 hrs)</td>
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<td>7D. Graded Road Maintenance (1-2 hrs)</td>
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<td>7E. Erosion Control (2 hrs)</td>
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<tr>
<td>9A. Highway Safety Features (4 hrs)</td>
<td>10A. Highway Signing and Pavement Marking Maintenance (4 hrs)</td>
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| 10 – Traffic Operations | |
|-------------------------| |
| 10A. Highway Signing and Pavement Marking Maintenance (4 hrs) | |

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National Drowsy Driving Prevention Week
November 12-18, 2012
www.safetylane.org/?p=3342

ATTENTION!
The Florida T2 Center Quarterly is going electronic!
See back page for more details.

Florida Technology Transfer Quarterly — Established 1984

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Fax 352.392.3224
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Florida Technology Transfer Quarterly, published by the Florida Transportation Technology Transfer (T2) Center as part of the Transportation Research Center (TRC) in the Engineering School of Sustainable Infrastructure and Environment (ESSIE) at the University of Florida, facilitates information exchange relating to roads, bridges, general surface transportation, and safety.

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.
Sharing Success Stories — FACERS Awards Nominee

The Florida T2 Center is delighted to share success stories identified through the Florida Association of County Engineers and Road Superintendents (FACERS) annual awards and other success story submissions. Winners were reported in our August newsletter, and we can now share more complete information about each outstanding nomination. Below is a synopsis of a FACERS Local/State Agency Collaboration entry. Please contact the contributing agency for more information, or visit www.FACERS.org for information on all the award categories and to make nominations to recognize your agency’s outstanding projects and efforts. FACERS and the Florida T2 Center hope sharing these stories will provide a small thank you for a job well done and also inspire others to share their successes.

Local Agency/State Agency Collaboration Nominee

Travis Humphries, Roadway Design Project Manager
Baker County
FPI: 4287611 CR-125 from Fraser Road to 2.6 Miles North

This project was initiated because of the rate of run-offs and other crash problems on a section of CR-125 running north from Fraser Road. The project was assigned to Travis Humphries at FDOT’s District Two Roadway Design Office. The scope of work and all crash information was provided to Humphries’ team by the County and the FDOT District Safety Office.

Currently, the typical section for the roadway is 10-foot lanes with 6-foot unpaved, grassed shoulders. Initially, the county requested that this be altered to a 4-foot paved and 2-foot unpaved shoulder. However, Humphries and his team used the new 2010 Highway Safety Manual to evaluate reduction in the number of crashes if lanes on the typical section were widened to 12 feet with 2-foot paved and 4-foot unpaved shoulders. The analysis showed a crash reduction of at least one crash per year for the proposed design. The county manager and the county maintenance team were pleased with this design.

Another safety modification for this project was the addition of the Safety Edge to the 2-foot paved shoulder. The Safety Edge is a 30-degree taper with at least 2-inch depth on the edge of the shoulder, which eliminates edge drop-off, allowing run-off vehicles to return to the road more safely and reducing the potential for run-off crashes. The Safety Edge was first used in Florida in District Two. The Safety Edge is covered by a special provision, Specification 330-5.2.4, of the FDOT Standard Specifications for Road and Bridge Construction.

Baker County made other safety improvements to help prevent run-offs. The superelevation rates of the two curves within the project were corrected. Also, audible pavement markings were added to alert drivers that they are running outside the travel lane.

This project began construction in August 2012 and is expected to take 150 days with limited public impact. The project length is 2.868 miles and will be completed for $890,000. Funding was acquired through the federal High-Risk Rural Roads program. A maintenance agreement was also executed with Baker County on October 13, 2010.
### Upcoming Workshops

Visit [t2ctt.ce.ufl.edu](http://t2ctt.ce.ufl.edu) to view the full course listings or to register for any of our sessions. For more information about T2 workshops, email [t2workshops@ce.ufl.edu](mailto:t2workshops@ce.ufl.edu) or call 352.273.1670. For CTQP courses, email [ctt@ce.ufl.edu](mailto:ctt@ce.ufl.edu) or call 352.273.1669. We look forward to serving you. Training on your terms.

#### Advanced Maintenance of Traffic

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#### Intermediate MOT - Refresher

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#### Asphalt Mix Design

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#### Asphalt Paving Level 1

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#### Asphalt Plant Level 1

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#### Earthwork Construction Inspection L1

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#### FDOT Concrete Field Inspector Spec

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#### FDOT Concrete Lab Inspector Spec

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#### Final Estimates Level 2

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FDOT Summary of Final Research Reports

Access 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.

Materials

- Comparison of Resilient Modulus Values Used in Pavement Design (BDL76)
- Evaluation of Asphalt Rubber Membrane Interlayer (ARMI) Using the University of Florida’s Composite System Interface Cracking (CSIC) Test (BDK75 977-60)
- Mobile Geographic Information System Solution for Pavement Condition Survey (BDR76)
- Sealing of Cracks on Florida Bridge Decks with Steel Girders (BDK82 977-02)

Operations

- Analysis of the Status and Impact of NCTR Projects (BDK85 977-30)

Planning

- Use of Dynamic Traffic Assignment in FSUTMS in Support of Transportation Planning in Florida (BDK80 977-12)

Public Transportation

- Best Practices in Bus Dispatch (BDK85 977-25)

Roadway Design

- Pervious Pavements: Installation, Operation, and Strength (BDK78 977-01)

Safety

- Florida School Crossing Guard Program (BDK75 977-57)

Structures

- Development of a Failure Theory for Concrete (BDK83 977-02)
- Pendulum Impact Testing of an Impact-Breakaway, Wind-Resistant Base Connection for Multi-Post Ground Signs (BDK75 977-40)
- Prefabricated/Precast Bridge Elements and Systems (PBES) for Off-System Bridges (BDK83 977-13)

Traffic Engineering and Operations

- Aging Driver and Pedestrian Safety: Parking Lot Hazards Study (BDK83 977-12)
- Development of Automated Testing Tool for Traffic Control Signals and Devices (BDK83 977-08)
- Impact of Parking Supply and Demand Management on Central Business District (CBD) Traffic Congestion, Transit Performance and Sustainable Land Use (BDK77 977-07)
- Integrated Environment for Performance Measurements and Assessment of Intelligent Transportation Systems Operations (BDK80 977-11)
- Variable Speed Limit (VSL) Best Management Practice (BDK77 977-11)

New at the T2 Media Center

Below is a sample of new items added to the Media Center collection since the last newsletter. Visit t2ctt.ce.ufl.edu/t2ctt/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. Visit the website, call 352.273.1695, or email mediacenter@ce.ufl.edu for more information.

- Freeway Design
- 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
- A Review of Pedestrian Safety Research in the United States and Abroad
- Advanced Methods for Mobile Retroreflectivity Measurement on Pavement Marking
- Developing, Enhancing, and Sustaining Tribal Transit Services: Final Research Report
- A Framework for Statewide Roadway Asset Management
- Improving the Properties of Reclaimed Asphalt Pavement for Roadway Base Application
- Identifying Issues Related to Deployment of Automated Speed Enforcement
- Aging Driver and Pedestrian Safety: Parking Lot Hazards Study
- Value Pricing and Traffic Reduction Incentives
September marked the end of the OPRC’s first grant year. Since the OPRC opened five months ago, over 260,000 safety items and almost 4,300 car seats have been distributed! The second year will include ordering and distributing child safety seats as well as high-back boosters to child protective seat (CPS) instructors around the state. We will also be distributing car seats purchased through the FLHSMV $2 difference program!

The annual Kids-In-Motion (KIM) national conference was held in Florida this year, and the OPRC was there to support our Florida CPS community. New LATCH information for 2013 was presented, as well as lots of new car seats and safety products. Our Florida CPS instructors and technicians attending the conference voiced their opinions on car seat options through a car seat poll at our booth, and the same poll was emailed electronically to CPS instructors and technicians with OPRC website logins. Check out the OPRC website for the results.

Lifemeters (thermometer window clings to show temperature inside a car) were added to our resource catalog in August. A special keychain/car seat attachment for parents and caregivers that reminds them that a child is in the car will be ordered for the 2013 grant year. Busy parents and distractions that occur in and around vehicles sometimes results in a little one being left behind in a hot car (29 deaths in the U.S. just from January-September 2012, San Francisco State University statistics: www.ggweather.com/heat).

Instructor reimbursements and technician certification class scholarships will be continued for the 2013 grant year, and plans for a loan program for special needs car seats/beds are in the works. Great things are expected for year 2 of the Florida OPRC 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) with 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

**Please note, even though the 2013 grant has been awarded, order shipping may be slightly delayed until grant funds are entered and accessible to spend.

**Activity Books**
- I’m Safe! In the Car — Paint Sheet (English)
- Road Warriors Safe to the Xtreme

**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**
- Window Shade Clings
- Pens
- OPRC Magnet
- Lifemeter

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

**Publications**
- Easy Reader Tip Sheet
- Spanish Flip Book *I/T

*E/S — Available in English and Spanish
*I/T — Available to CPS Instructors and Technicians only
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.

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

Books
- A Resident’s Guide for Creating Safe and Walkable Communities
- Cycling Skills Clinic Guide
- 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
- Practice Bike Safety
- 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 Safety *E/S
- Easy Steps to Properly Fit a Bicycle Helmet
- EL EQUIPO ADECUADO
- GOT GEAR?? Safe to the Xtreme
- How To Fit & Wear Your Bicycle Helmet
- I’m Safe Walker
- I’m Safe on My Bike Coloring Book
- I’m Safe! Paint Sheet – Bike *E/S
- I’m Safe! Paint Sheet – Pedestrian *E/S
- Kids Physical Activity *E/S
- Know the Rules – Going To & From School *E/S
- Neighborhood Safety *E/S
- Parent’s Guide – Child Safety on Your Street
- Paul’s A-Maze-ing Trip
- PEATÓ & PONGA ATENCIÓN...
- Prevent Pedestrian Crashes
- Road Riders Are Drivers
- Safety Fun Activity Book *E/S
- Sara and Her Bike
- Secret Code
- Stepping Out
- 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

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!

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

Reflective
- “Be Safe Be Seen” Reflective Wristlet

Other Fun Stuff
- Brain Erasers
- 4-Pack Crayola Crayons
- Be Safe Be Seen Mood Pencils
- Be Safe Be Seen Mood Pens
- Whistles

*E/S — Available in English and Spanish
Warning! The Florida Technology Transfer Quarterly is going electronic!

After this November 2012 issue, the Florida Technology Transfer Quarterly will be sent via email only. We will continue to print and mail our annual Training Portfolio in November of each year. If you would like to continue receiving each quarterly issue, don't delay! Notify t2@ce.ufl.edu with your name, organization, and email address.

Sending your email address will guarantee receipt of your quarterly subscription, plus add you to the distribution list for our new monthly E-Newsletter. These exciting and informative monthly supplements began in March 2012 and include helpful links to articles and resources that keep you up to date with the latest news and information. We are constantly culling national and international sources for material of relevance to our Florida readership. Some topics covered in past months include MAP-21, Infrastructure, Aggregates, Stormwater, Pedestrians and Bicycles, Occupant Protection, Roadway Safety, Distracted Driving, Traffic, Upcoming Events, and many more. Subscribe today!

You can always view the current issue of the Florida Technology Transfer Quarterly by visiting t2ctt.ce.ufl.edu/t2ctt/Archive.asp where you can also browse the archive and manage your subscription. Keep in touch and stay informed!

Too Much Mail? Please help to keep our database current so we can best serve you! If this copy is a duplicate or is for someone who is no longer with your agency, write DELETE on this page and fax it to 352.392.3224. If you have several corrections, please contact us at t2@ce.ufl.edu or 352.273.1687.