

# Road Ranger Smartphone App Shown at Transpo 2010

In the December issue of the SunGuide® Disseminator, the Road Ranger smartphone application was introduced. The Florida Department of Transportation also brought the application to Transpo2010 for a demonstration of its interaction with the SunGuide software.

Transpo is a biennial conference on intelligent transportation systems that brings together public and private agencies, engineers, professionals, and vendors for a few days of networking and idea sharing. The Transpo venue provides a large exhibit hall where vendors can showcase their products, and technical sessions where speakers deliver ITS industry-related presentations. Transpo2010 occurred on December 12-15, 2010, at the Sawgrass Marriott in Ponte Vedra Beach, Florida.

The Florida Department of Transportation (FDOT) Central Office occupied a booth in the exhibit hall and setup a display representing their technical programs, including the Traffic Engineering Research Lab (TERL) standards development and product evaluation activities, the Florida 511 system—FDOT's advanced traveler information system, and SunGuide—the statewide advanced traffic management system software. FDOT provided project brochures as well as several live demonstrations. A total of four monitors where in constant use, displaying the ITS Program presentation, the FL511.com web site, the SunGuide software operating at TERL via a virtual private network connection, and video encoder of a camera at TERL.

In a technical session, Peter Vega, FDOT District Two ITS Engineer, presented the Road Ranger smartphone application. Mr. Vega has been championing the Road Ranger smartphone application from its inception. This smartphone application was also included as part of the FDOT exhibit. Although it was in a demo state, the application was connected to a District Two test system and clearly showed some of the features useful to incident management operations. FDOT used a laptop, which was connected to the test system, as an operator workstation. The dialog between the operators and the Road Rangers was shown on the laptop. The demo illustrated how an operator can see the Road Ranger location through the function called automatic vehicle location. The Road Ranger smartphone application continuously updates the SunGuide software of the Road Ranger's location; the software then provides their real-time location on its operator map. Using this information, the operators can see which Road Ranger is in the best position and status to respond to an incident, allowing dispatch of the most appropriate Road Ranger to an incident.

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The SunGuide Disseminator is a publication of: Florida Department of Transportation Traffic Engineering and Operations Office 605 Suwannee Street, MS 36 Tallahassee, Florida 32399-0450 (850) 410-5600 http://www.dot.state.fl.us The Road Ranger can make minor updates to the incident with the smartphone application, saving substantial time from having to use verbal communications for each of these activities and information updates. Finally, events which are first discovered by a patrolling Road Ranger can be initially entered into the smartphone application and then used by the operators from the SunGuide operator map.

Overall, the FDOT ITS Program was a success with plenty of traffic and good questions regarding the overall program.

This article was provided by Clay Packard, FDOT Traffic Engineering and Operations Office. For information, please contact Mr. Packard at (850) 921-7368 or email to Clay.Packard@dot.state.fl.us.

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# Great News From FDOT's Road Ranger and Silver Alert Programs!

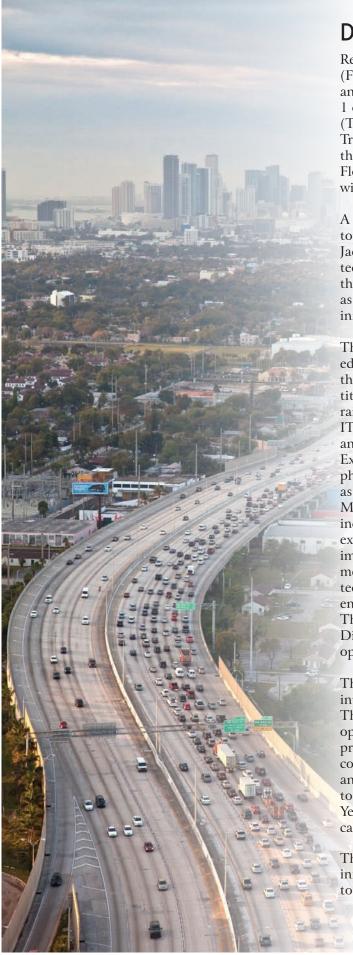
A Silver Alert that was initiated Tuesday evening, August 17, at approximately 10:30 p.m. ended successfully on Florida's Turnpike when a Turnpike State Farm Safety Patrol/Road Ranger located the vehicle and 83-year-old male driver in the Delray Beach area. The Silver Alert program allows the immediate broadcast of information to the public regarding missing elders with dementia or other cognitive impairment with the goal of returning them home safely. Once initiated, the Silver Alert information was posted on the FDOT's and Turnpike's electronic message signs, highway advisory radio system, and statewide 511 traveler information system.

Road Ranger Louis Luchessi, while on overnight patrol at approximately 12:26 a.m., rolled up to the maroon Hyundai vehicle broken down at the Turnpike's milepost 83 southbound right shoulder. Once reviewing the tag, Road Ranger Luchessi immediately advised the Turnpike's transportation management center personnel who notified Florida Highway Patrol Troop K. The Road Ranger reported that the driver was disoriented and out of gas. A trooper responded and confirmed that the gentlemen and vehicle was the 2005 Hyundai reported missing out of Miami, and dispatched emergency medical services and fire rescue to provide a medical check-up for the gentleman. The gentleman was unharmed, and the trooper transported him to the West Palm Beach Service Plaza where he was picked up by a family member.

This is the third Silver Alert to be concluded successfully on Florida's Turnpike.

This article was provided by Michael Washburn, Florida's Turnpike Enterprise. For information, please contact Mr. Washburn at (954) 934-1621 or email to Michael.Washburn@dot.state.fl.us.





# District Six Participates in Transpo 2010

Representatives from the Florida Department of Transportation (FDOT) District Six Office attended this year's Transpo 2010 event and presented on a variety of topics, including the completion of Phase 1 of 95 Express, ramp signaling, transportation management center (TMC) operations, and public information. The District's Intelligent Transportation Systems (ITS) Manager was also nominated and won the ITS Champion of the Year Award for his efforts in advancing Florida's ITS Program mission on both a regional and national level with his work on the 95 Express Project.

A panel of industry professionals selected District Six to present four topics at this regional conference, which was hosted this year in Jacksonville, Florida. As a result, the District shared a series of technical presentations detailing the mobility improvements gained through the implementation of two traffic management systems as well as on their operational models for data use at the TMC and public information in several interactive sessions.

The first scheduled presentation focused on the need to enhance public education efforts in the ITS community and the benefits of integrating this role as part of the TMC's operational model. The presentation, titled: "The Value of a PIO Program to ITS," discussed the need to raise the public's and transportation industry's general awareness of ITS benefits to ensure advancement of the program's mission, today and in the future. The second scheduled presentation titled: "95 Express Phase 1 Performance Update," detailed the completion of the phase 1 portion of the project and the mobility improvements derived as result of northbound and southbound operations on Interstate 95 in Miami-Dade County. It shared the project's latest performance data, including operational improvements, revenue, tolling, and plans for expansion. The third topic discussed the lessons learned after implementing the first ramp signaling system in Florida. It detailed the measures taken to deploy each aspect of the system, including its technical integration and on-going operational components, such as enforcement, customer service, and its use for incident management. The last topic, titled: "Data Uses in TMC Operations," shared the District's approach to managing increasing responsibilities of TMC operators in response to the program's recent expansions.

The variety of topics presented at this event showcased the growing interest surrounding the District's different initiatives and systems. The presentations were well-received and the event provided a valuable opportunity for FDOT representatives, consultants, and ITS professionals to exchange ideas on current and future program concepts. The event also served as the venue for ITS Florida to announce award winners at the annual awards ceremony. In addition to having the District ITS Manager winning the ITS Champion of the Year Award, District Six also won the grand prize in the annual calendar contest.

This article was provided by Javier Rodriguez, FDOT District Six. For information, please contact Mr. Rodriguez at (305) 470-5341 or email to Javier.Rodriguez2@dot.state.fl.us.

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# Traffic Incident Management Roundtable at Transpo 2010

I recently had the opportunity to moderate Transpo 2010's Northeast Florida Traffic Incident Management (TIM) Roundtable. The diverse panelists included Peter Vega, PE, of the Florida Department of Transportation (FDOT); Captain Keith Gaston of the Florida Highway Patrol (FHP); Greg Gaylord of Southern Wrecker and Recovery, Southern Fleet Services, and First Coast Road Rangers; and Morrison "Mo" Braren of the Jacksonville Fire-Rescue Department. All four panelists are proactively engaged in TIM actions in the greater Jacksonville area, and safety of the public and responders is among one of the top priorities for each individual and his representative agency. Pete is FDOT District Two's Intelligent Transportation Systems (ITS) Engineer and oversees Jacksonville's transportation management center (TMC) operations. Keith has served FHP for over 30 years and is currently the Jacksonville South district commander, comprising five counties and the Jacksonville Regional Communications Center. Greg has over 30 years experience in the towing/recovery industry, and serves as area chairman of the Professional Wrecker Operators of Florida. Mo has been with the Jacksonville Fire Rescue Department since 1994, where he serves as a Senior Planner for Operations and provides leadership for Duval County Emergency Management—the nation's first fully accredited local emergency management program.

The panelists began by describing their roles and how their experiences with incidents have shaped their agencies' TIM responses; they shared lessons learned and ideas for the future. They invited the audience to participate freely in the discussions for the benefit of all. Discussion topics included:

# Jacksonville's Virtual Regional TMC

Multiple entities such as FHP, Fire-Rescue, Clay County, and the Jacksonville traffic engineer all have access to information that comes through the TMC. This direct sharing of information has led to reduced incident response times, ultimately leading to quicker incident clearance and recovery times.

# Full Computer Aided Dispatch (CAD) Access

Law enforcement information is shared with response partners through the virtual regional TMC. Participants are required to gain security clearance. This information sharing has led to improved incident response times and increased data reliability for response decisions such as when and how to re-route traffic.

# SuperBowl XXXIX

As if thousands of fans converging on downtown Jacksonville during the 2005 Super Bowl did not create congestion and delays on its own, a major crash forced incident response leaders to quickly develop and implement detours to facilitate traffic. This experience led to planned detour routes for a variety of incident response scenarios.

# **TIM on Arterials**

Incidents do not only occur on freeways; they also often occur on arterials. Improved communications between response partners has improved incident responses on all major roadways in the Jacksonville area.

# **Road Rangers**

Jacksonville's Road Rangers are an active incident response resource. They continue to provide courtesy motorist services; however, their first priority is TIM.

# Move It/Move Over Laws

Safety-focused discussions at TIM team meetings and public outreach efforts have heightened responder and public awareness of these laws.

### **Emergency Management**

While emergencies are not typical events, lessons learned from hurricane evacuations and other natural and man-made disasters have led to discussions and practice improvements for overall responses for all types of incidents.

### Performance Measures

Changes to the Department of Highway Safety and Motor Vehicle's crash form will improve incident response, clearance, and recovery performance data reporting. The form will also include a box to check when secondary incidents are involved.



Finally, the panelists and audience brainstormed a series of potential discussion topics for TIM in 2011, which included further endorsement of Florida's Open Roads Policy, formalization of the proposed Class R Wreckers, standardized training modules for wrecker operators and the Road Rangers, and use of social media to educate the public on TIM issues.

Northeast Florida's TIM participants shared excellent ideas and information on not only how they created a high-performing TIM Team with shared goals, but they also discussed potential solutions and ideas for new initiatives with audience participants. The panelists' successes come from strong relationships and a mutual focus on how to enhance safety and operations for motorists and responders alike.

This article was provided by Ingrid Birenbaum, PBS&J, an Atkins company. For information, please contact Ms. Birenbaum at (954) 733-7233 or email to IngridBirenbaum@pbsj.com.

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A FREE SERVICE



RANGERS

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# ITS Florida 2010 Awards

ITS Florida held its Annual Awards Banquet at Transpo2010 in Ponte Vedra Beach on December 14th. It was a great event honoring exceptional contributions to transportation. Please join ITS Florida in congratulating our 2010 stars!

Outstanding Achievement - This is an award given for outstanding service by individuals or organizational units.

### Arun Krishnamurthy, PE, Florida Department of Transportation

Mr. Arun Krishnamurthy is in charge of ITS software, architecture, and standards. In the past year, along with managing all aspects of this program, Mr. Krishnamurthy has coordinated the development and deployment of the SunGuide® Software, a highly successful statewide advanced traffic management system software.

The successful development and statewide use of this software has provided an estimated monetary savings of \$80 million with the standardization of design, development, installation, training, maintenance life cycle, and operations costs. Florida has 14 TMCs using SunGuide®, including FDOT Districts, toll authorities, and local agencies.

### Florida Department of Transportation, District Four ITS Unit

Early in 2010, the ITS Unit developed and implemented a new inventory tracking software called the Maintenance Inventory Management System (MIMS). Using the MIMS software, which is already integrated into District Four's version of SunGuide®, a full inventory can be completed of all of the ITS Unit devices in less than one week, a time reduction of 80% from their original baseline.

### John Brown, Global-5 Communications

Global-5 Creative Director John Brown has been the creative force behind increasing ITS Florida's visibility among Florida's ITS professionals and their peers around the world. He has created a branded look for the society that instantly positions it as credible, professional and cutting-edge in line with the organization's goals and values. His work has drawn attention to ITS Florida at transportation professional events throughout the state and has had an impact on how ITS is viewed worldwide. He has volunteered hundreds of hours including the 2010 and 2011 ITS Florida Calendars.

**Member of the Year** – This award is to recognize an ITS program, project, or other accomplishments that is of significant benefit to the transportation industry and to the traveling public.

### Florida Department of Transportation, District One

The District One ITS Office made several substantial contributions to improving transportation and safety in southwest Florida, including the opening of the Regional Transportation Management Center (RTMC), commonly known as the SouthWest Interagency Facility for Transportation (SWIFT) SunGuide® Center. The opening of the SWIFT Center provided significant benefits to the motoring public along I-75 in southwest Florida. In addition, the ITS









SunGuide<sup>®</sup> Disseminator January 2011 Office contributed substantially to improving transportation by delivering several major ITS projects and continued to provide great service to its customers in the area of incident management.

**Professional of the Year** – This award is to recognize that person who has contributed significantly to the ITS community during the past year.

Adam C. Moser, PE, Pinellas County, Public Works Transportation Department Pinellas County's Smart-Tracs Arterial ITS is one of the first system's to bring full featured ITS onto the arterial roadway network providing for regional traffic management. Mr. Adam Moser is responsible for the design, project management and construction management of the Smart-Tracs corridor projects included in the County's 5 year capital improvement program. Once completed, these projects will triple the size of the County's current system.

Adam has provided innovations in the design area by developing a Pinellas County ATMS/ITS Design Guide and hosted meetings with the County's ATMS design consultants. Through this effort the plans preparation process is now more consistent and saves the County, FDOT and the consultant's time and money in the design and review process.

Adam is also involved directly with ITS Florida taking on the chairmanship of the Technical Solutions Subcommittee last year.

**Champion of the Year** – This award may be given to an individual who has made significant contributions to advance the cause of ITS in Florida. This year's recipient is:

### Rory J. Santana, PE, Florida Department of Transportation District Six

Mr. Rory Santana has excelled in every aspect of his role. He spearheaded the launch of the southbound express lanes and successfully led the completion of Phase1B in Miami-Dade County. He oversaw the development of critical project concept and components and effectively equipped his team to manage the additional southbound operations. As a result of his efforts, the project now offers a direct cross-county transit service that has significantly increased person throughput on Interstate 95 as well as enhanced operations for the incident management, public outreach and congestion mitigation services it provides. Rory's leadership continues to help materialize the goals envisioned for the 95 Express, but it is his long-standing passion for the improvement of Florida's transportation system that is driving the project to exceed public benefits and expectations.

**President's Award** – This award recognizes superior career achievements in ITS and extraordinary service to ITS Florida. This year the award goes to:

### Jay Calhoun, PE, The VANUS Group of Gannett Fleming

Mr. Jay Calhoun has been one of the most active members of ITS Florida He was a Director at Large in 2000-2001. When the Secretary/Treasurer in 2004 decided not to remain an officer, Jay stepped in and was elected Vice-President in 2005, then served as President and Past President in the next two years. He has been a willing volunteer over the years, serving in a number of committees. He is Chairman of Transpo2010. He attends most ITSA Annual Meetings and has participated in the State Chapters strengthening Workshop. Whenever ITS Florida needs a steady hand to lead a diverse number of activities, Jay has stepped in and been quietly effective in the success of that activity and ITS Florida.

Scholarship Winners – In 2007, ITS Florida took action to remember the late Anne Brewer and her contributions to ITS in Florida by naming the ITS Florida Annual Scholarship in her honor.

The Anne Brewer Annual Scholarship Program provides awards to undergraduate or graduate students attending a State University that is a member of ITS Florida. The scholarship winner must show significant scholastic aptitude in the area of Transportation and ITS. He or she must also conduct themselves in a fashion that would honor Mrs. Anne Brewer by displaying abilities in teamwork, leadership, and dedication. For the first time, there was a tie for first place.

**First Place –** Mr. Ziqi Song was presented his award at Transpo2010. He is currently obtaining his PhD in Transportation with graduation within sight. Prior to starting at the









University of Florida he received degrees from the University of Hong Kong, again specializing in Transportation. He has been a Research Assistant and Co-Instructor since 2006. He developed Pareto-improving tolling schemes that improve urban mobility and researched how to deploy HOV/HOT lanes to maximize social benefits. He also worked with FDOT to analyze driver diversion behavior in work zones to help engineers implement the work zone lane closure analysis. He has achieved an outstanding GPA 3.8 in his endeavors of advancing the field of transportation.

Mr. Lu Ma was unable to attend Transpo2010 as he was in the Netherlands and will be presented his award following his return. He is currently obtaining his PhD specifically in Travel Demand Modeling, related to Impact Land Use of Transportation. He is currently enrolled in the University of Florida and has been a Research Assistant since 2007. Mr. Ma has a Masters in Statistics. He has specifically been involved in project work in the Department of Civil Coastal and Engineers. He has received awards including a Short Stay Fellowship, Utrecht University, The Netherlands, Outstanding Achievement by the University of Florida International Center 2008 and 2010, and maintains a GPA of 4.

**Second Place** – Mr. Sujan Sikder is currently obtaining his PhD in Transportation and carries a 3.81 GPA. He is currently enrolled at University of South Florida where he earned his Masters. He has been a Graduate Research Assistant from 2009 to present as well and was a lecturer at Stamford University, Bangladesh. He has achieved some of the most prestige awards at USF including a Fellowship, the Faculty Dean's Scholarship, and the Academic Excellence Prize. His research has focused on elderly drivers, of great importance to Florida. Mr. Sujan Sikder was unable to attend Transpo2010 and will receive his award following his return from Bangladesh.

# ITS Florida 2011 Board of Directors

ITS Florida held the 2011 Board of Director election during November. At Transpo2010, the board members were announced. Please welcome the 2011 Board of Directors:

Past President:	Ken Jacobs, Pinellas County, Public Works Transportation Department	
President:	Jesus Martinez, SouthWest Research Institute	
Vice President:	Tahira Faquir, The VANUS Group of Gannett Fleming	
Secretary:	Dale Cody, Metric Engineering Inc.	A
Treasurer:	Mary Hamill, Global-5 Communications	<b>MURP</b>
Directors-at-Large:	Carlton Urban, DKS Associates	
0	Dr. Mohammed Hadi, Florida International University	
	John Easterling, Florida's Turnpike Enterprise	
Returning Directors:	Erika Birosak, TransCore	120
5	Howard Glassman, Florida MPO Advisory Council	
	Gregg Letts, AECOM	and the second
	Elizabeth Birriel, FDOT	



The Board Meetings are scheduled for the second Tuesday of each month at 1:30 p.m. 2011 will be an exciting year for ITS Florida with the 18th ITS World Congress coming to Orlando in October!

For more information on ITS Florida, please check the ITS Florida Web site at www.itsflorida.org or contact Sandy Beck, Chapter Administrator, at itsflorida@itsflorida.org. If you wish to contribute an article to the SunGuide Disseminator on behalf of ITS Florida, please email Mary Hamill at MaryKHamill@global-5.com.

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# Editorial Corner—Reducing Congestion with RISC

Imagine you are a driver on the way to work in sunny Fort Lauderdale. It's a typical Wednesday morning and you're trying to get in the office early. Just as you're doing a mental run-through of your to-do list, traffic on I-95 suddenly comes to a standstill. In the distance ahead, you see a rolled over tractor trailer and think to yourself that this is not the kind of mess that needs to happen right before rush hour. You're right, this is not the kind of mess that needs to happen, but it does. And when it does, one way to get the road opened quickly is with the Florida Department of Transportation's (FDOT) Rapid Incident Scene Clearance (RISC) program.

The purpose of the RISC program is to expedite the safe clearance of major incidents from the highways using heavy-duty, specialized equipment. This program is put in place in conjunction with Florida's "Open Roads Policy," which states that the roadways will be cleared as soon as possible with the goal of all agencies that incidents be cleared within 90 minutes of the arrival of the first responding officer. (See the inset for more detail on the RISC activation procedure.)

A real-life activation of RISC recently occurred in Broward County. On Tuesday, November 30, 2010, at 3:35 p.m., a truck caught fire on northbound I-95 before Commercial Boulevard. The vehicle, which was a compactor-type refuge truck, started spewing flames due to an electrical short in the engine compartment. The driver initially had the ability to drive or steer the vehicle off the roadway, but abandoned the vehicle in the middle lane. Florida Highway Patrol (FHP), Road Rangers, and the Severe Incident Response Vehicle (SIRV) responded and eventually closed all lanes. Fort Lauderdale Fire Rescue responded and quickly extinguished the flames. After approximately 20 minutes, an FHP commander advised the Lake Worth Regional Communications Center to activate RISC. FHP Communications contacted the Broward Regional Transportation Management Center, who contacted the RISC vendor. They gave an estimated time of arrival of 30 minutes. The RISC vendor arrived on scene and the FHP Lieutenant gave the RISC vendor a Notice to Proceed. The RISC vendor cleared the vehicle from the roadway in 17-minutes. The roadway was opened 23-minutes later, after FDOT maintenance fixed the asphalt damage.



According to the FHWA, every minute a road is closed during peak hours results in four minutes of congestion after the incident is cleared.

# **RISC Activation Procedure**

- The TMC will notify the appropriate RISC contractor to mobilize and provide the details and estimated time of arrival to FHP.
- The RISC contractor will have one hour to arrive on scene with the required equipment. Once arrived on scene, if not needed, the RISC contractor will receive a flat rate service payment of \$600.
- Once given a "notice to proceed" by the Trooper on scene, the RISC contractor will have 90 minutes to "open all travel lanes"
- The RISC contractor, in order to receive an Emergency Response and mobilization payment of \$2,500, must have both; arrived within one hour and opened all travel lanes within 90 minutes.
- If the RISC Contractor is requested to mobilize and respond with "Additional Trucks and Heavy Equipment", the RISC contractor will be paid \$600 if the equipment is not used, and \$1000 if the equipment is used.
- If the RISC contractor fails to perform the recovery within 90 minutes, no performance payment will be issued.
- Failure to clear a non-hazardous materials incident within 3-hours will result in a flat rate penalty of \$600. An additional \$600 will be assessed for each additional hour or \$10 per minute (\$600 per hour).
- The State of Florida will recover costs associated with the RISC Program from the responsible parties' insurance companies and intend the program to be financially self-sustaining by the end of the three-year contract period.

Following is a snapshot of the activation.

- 4:08 p.m.: FHP Lieutenant on the scene advised FHP Communications to activate RISC
- 4:10 p.m.: FHP Communications contacts the Broward Regional Transportation Management Center
- 4:10 p.m.: Broward Regional Transportation Management Center activates the RISC vendor
- 4:45 p.m.: RISC vendor arrives
- 5:00 p.m.: RISC vendor is given a Notice to Proceed by the FHP Lieutenant on the scene
- 5:17 p.m.: Vehicle is towed from the roadway
- 5:40 p.m.: Roadway is opened to traffic

Upon notification, it took 39 minutes to arrive, 40 minutes to clear the truck, repair the road surface, and open the roadway. Total time from start to finish was one hour, nine minutes. Without the RISC program, this incident could have taken two to three hours to clear. According to the Federal Highway Administration, for every minute a highway is closed during peak travel times, it results in four minutes of travel delay after the incident is cleared. The RISC program has helped keep travel delay to a minimum as well as help District Four adhere to the Florida Open Roads Policy.

This article was provided by Gaetano Francese, FDOT District Four. For information, please contact Mr. Francese at (954) 847-2785 or email to Gaetano.Francese@dot.state.fl.us.

# Inside the TERL

The Florida Department of Transportation (FDOT) has a goal to assure that only a safe and uniform traffic control system is implemented in the state of Florida. The Traffic Engineering Research Lab (TERL) plays a part in obtaining this goal by satisfying Florida Statute 316.0745 - Uniform Signals & Devices. Below is a look Inside the TERL at activities that help accomplish our goal.

The primary mission of the TERL is to maintain an Approved Product List (APL) of devices that have been tested and verified to meet FDOT requirements. Establishing and maintaining the APL encompasses a broad variety of activities. These activities include:



- The review of manufacturer quality assurance/quality control (QA/QC) programs, and comprehensive product evaluation and testing,
- The initial development and continuous improvement of all traffic control system product specifications,
- Maintenance and technical operations of the systems used for testing (including the design, installation, and operation of a small-scale transportation management center [TMC]) as well as the installation and integration of field devices around the TERL facility and various remote testing locations.

The primary goal of these efforts is to ensure that products sold and deployed on transportation projects in Florida are safe and reliable, are of good quality, and perform as required.

The TERL welcomes and encourages any comments and feedback regarding products listed on the APL. Is there a product you would like to have placed on the APL? Are you a maintaining agency in Florida that would like to sponsor a project to evaluate a new product; would you like to share your experiences with a product (good or bad) with us? If so, we want to hear from you.

This article was provided by Jeff Morgan and Trey Tillander, FDOT Traffic Engineering and Operations Office - TERL. For more information, please contact Mr. Morgan at (850) 921-7354 or email Jeffrey.Morgan@dot.state.fl.us.



SunGuide® Disseminator January 2011

# Announcements

# Time to Mark Your 2011 Calendar!

Time is flying and the 18th World Congress on Intelligent Transportation Systems in Orlando and ITS America's Annual Meeting & Exposition is approaching. Now is the time to mark your calendar

and make preparations to participate in this exciting conference.

We hope you will get involved; help us showcase the best of ITS here in Florida.

To learn more please visit www.itsworldcongress.org.

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# FDOT Traffic Engineering and Operations Mission and Vision Statements

# Mission: (

Provide leadership and serve as a catalyst in becoming the national leader in mobility.

# Vision:

Provide support and expertise in the application of Traffic Engineering principles and practices to improve safety and mobility.



STH ITS World

ORLANDO

Congress

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