

TSM&O DISSEMINATOR

TRANSPORTATION SYSTEMS MANAGEMENT & OPERATIONS

May - June 2018



District Seven
Installs **ASCT**
System

Annual TMC
Pooled-Fund
Study Meeting



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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.

LOOKING TO BE A CONTRIBUTOR FOR THE NEXT ISSUE OF THE TSM&O DISSEMINATOR?

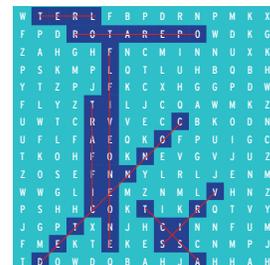
Email Jennifer Rich
(Jennifer.Rich@dot.state.fl.us)
with your story subject and title.

We'd love to have your contribution be a part of the next edition.

Photo credits: FDOT, Tampa Connected Vehicle Pilot

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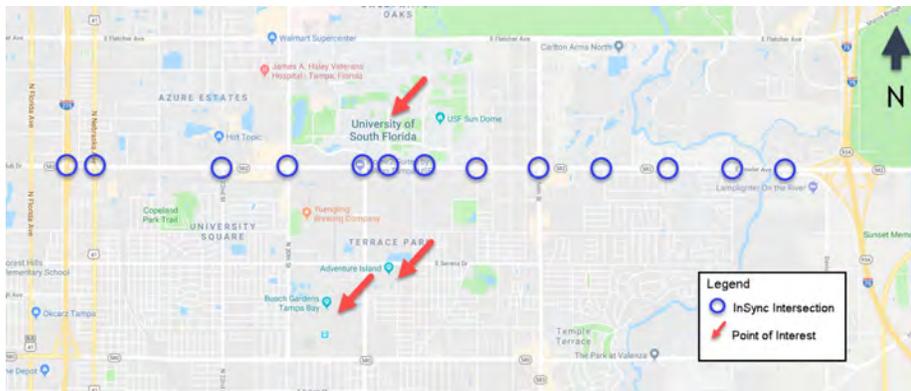
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District Seven Installs In|Sync ASCT System

By Julie Scanlon, AMS Specialist IV, District Seven, FDOT

District Seven has recently completed installation of an adaptive traffic control system (ASCT) on SR 582, Fowler Avenue. The In|Sync ASCT System, the first in Hillsborough County, includes all (13) signalized intersections on Fowler Avenue, connecting I-275 to I-75, a six-mile, six-lane divided arterial carrying 65,000 (+/-) AADT during peak periods. Fowler Avenue is a key route that serves several significant traffic attractors and generators, including but not limited to: The University of South Florida main campus (31,461 Students); Busch Gardens Theme Park/ Adventure Island Water Park; Veterans' Hospital - Tampa; Moffitt Cancer Center; the Pepsi Company; Yuengling Brewery - Tampa; and University Square Mall.



In|Sync uses advanced video and infrared detection to better manage traffic demand based on interactive, real-time vehicle counts. This system should decrease the overall delay motorists experience at these intersections. In keeping with TSM&O initiatives, the decrease in congestion and delays should reduce crashes, reduce driver frustration, and reduce travel time. The system uses cameras with video analytics to monitor real-time traffic flow as well as learn traffic and congestion patterns throughout the

day to better facilitate traffic flow and reduce delay. In|Sync will also monitor and modify the signal cycle length(s) as well as the order of phases (movements) to continually adjust to the varying traffic demands. Since the system itself can choose from a varying set of parameters, drivers may perceive a change in the signal sequence(s). For example: Whereas you may have previously observed a green left turn signal before the through traffic is released; the system can select which way to operate in order to improve coordination and traffic flow. In|Sync learns more the longer it is in operation, so, there may be some perceived differences or delays as this system adapts and learns.

District Seven Traffic Operations will continue to monitor and measure the corridor's performance in the coming months to perform a "before and after study" of this corridor. As this is a major corridor for commuters, The University of South Florida, and visitors to Busch Gardens and Adventure Island, the District is taking great care to ensure minimal public disruptions and the continual optimum performance of this corridor.

For more information please contact Ron Chin at (813) 975-6253 or by email Ronald.Chin@dot.state.fl.us.



FDOT Hosts Annual TMC Pooled-Fund Study Meeting

By Russell Allen, P.E., ITS Program Development Engineer, FDOT

On April 11 and 12, 2018, the Florida Department of Transportation (FDOT) hosted the Annual TMC Pooled-Fund Study Meeting in Tampa at the District Seven Tampa Bay SunGuide Center. The meeting was chaired by Mr. John Bassett (New York State DOT, Chair), and opening remarks were provided by Mr. Jimmy Chu with the Federal Highway Administration (FHWA), Mr. Vincenzo "Vinnie" Corazza (FDOT District Seven ITS Operations Manager), and Mr. Ron Chin (FDOT District Seven Traffic Operations Engineer). The two-day meeting was well attended with representatives from the FHWA and 17 states including California, Florida, Georgia, Illinois, Kansas, Michigan, Minnesota, Missouri, Nevada, New York State, North Carolina, Ohio, Pennsylvania, Tennessee, Utah, Washington State, and Wisconsin. A representative from the Freeway and Arterial System of Transportation (FAST) section of the Regional Transportation Commission (RTC) of Southern Nevada was also in attendance.

Guiding Principles

The goal of the TMC Pooled-Fund Study (PFS) is to assemble regional, state, and local transportation management agencies and the Federal Highway Administration (FHWA) to (1) identify human-centered and operational issues that are common among TMC operators and managers; (2) suggest approaches to addressing identified issues; (3) initiate and monitor projects intended to address identified issues; (4) disseminate results; and (5) assist in solution deployment. (ref. <https://tmcpfs.ops.fhwa.dot.gov/tmcpfscharter.htm>).

For more information on the TMC PFS, visit <https://tmcpfs.ops.fhwa.dot.gov/index.htm>

Meeting at a Glance

The meeting kicked off with presentations on the preliminary results of two projects: Capability and Usage Guidelines for Color Changeable Message Signs (CMS) and Consideration of Current and Emerging TMC Data. Links to all current projects can be found at <https://tmcpfs.ops.fhwa.dot.gov/currentprojects.htm>.

Next, Jimmy Chu (FHWA) provided updates on membership and the financial status of the group. Mr. Chu also mentioned that Colorado DOT recently expressed interest in joining the group, which would be a great benefit to the program. Currently, there are a total of 23 agency members in the group.

Next on the agenda ... elections. Congratulations to Mr. Alex Wassman (Missouri DOT) for being elected as the new Co-Chair. Alex will work alongside John Bassett to help guide the success of the PFS group.

After elections, the group spent time networking and sharing ideas while eating local barbecue and southern cooking at Lupton's BBQ. Everything on the menu was absolutely delicious, and the owner made it a point to come thank us personally for choosing his establishment.



Alex Wassman, Missouri DOT.



2018 TMC PFS Annual Meeting Attendees.

Once we returned to the Tampa Bay SunGuide Center, the group jumped right into the meat of the meeting ... discussing and prioritizing proposed projects. Two projects that are currently in the procurement process and should be kicked off in the next two months are IT Security Guidelines for TMCs and Streaming Video Sharing and Distribution. There were several current and newly proposed ideas to vote on. The top five projects are listed below, but the top three were prominent in the voting results:

Rank	Project	Score
1	Performance Measures and Health Index of ITS Assets	51
2	Use of Performance Dashboards for Communicating the Benefits of Traffic Operations	49
3	Information and Analysis of TMC Staff and Staffing Contracts	46
4	Synthesis of Wrong-way Driving/Over-height Detection System	24
5	Synthesis of Freeway Service Patrol Programs and Operations	18

The top three projects were considered priorities to pursue in 2019.

The group then discussed potential locations to host the 2019 TMC PFS Annual Meeting. Candidate locations included Denver, Colorado, Kansas City, Missouri, Houston or Austin, Texas, Columbus, Ohio, and Phoenix, Arizona. Denver, Colorado was selected, with Columbus, Ohio coming in second. The meeting is tentatively scheduled for the third week of May 2019.

Day One was wrapped up with a roundtable discussion that continued the next morning where members reported on their recent and future activities, issues, and lessons learned.

Connected Vehicle (CV) Pilot Tour and Demonstration

After the Roundtable Discussion, the group traveled to the Tampa Hillsborough Expressway Authority (THEA) for an unprecedented tour. The tour began with a warm welcome from Mr. Joe Waggoner (THEA, CEO). After that, Mr. Bob Frey (THEA, Planning Director) provided an introduction to the CV Pilot project. Following Mr. Frey, Mr. Steve Novosad (HNTB, Systems Engineer Lead) gave an overview of the Pilot project and briefed the group on the planned demonstration.

After all the presentations, the TMC PFS members were split into three groups. Each group rotated between ride-alongs on the Express Way, lunch, and a tour of the City of Tampa Traffic Management Center which is collocated at the THEA building. Everyone I talked to said that 'this was truly an amazing experience.'

More Presentations and Fun from Florida

After the THEA tour, the group once again returned to the Tampa Bay SunGuide Center where the FDOT group presented on Wrong Way Driving Mitigation, Arterial Management, InSync Implementation, and Automated Traffic Signal Performance Measures (ATSPM). After the presentations, FDOT District Seven provided a tour of the Tampa Bay SunGuide Regional Transportation Management Center.

The entire group had a great experience in Tampa and was thankful for the hospitality that FDOT showed, especially the District Seven staff. Before returning to home, members exchanged contact information for future correspondence.

A Special Thank You!!!

I would like to personally say thank you to all who made this meeting memorable. It takes a special group of individuals to work together as a team to pull off something like this. I cannot thank them enough for the time and effort they spent making sure everything went smoothly. Your hospitality was appreciated and recognized by all who attended.

I would like to extend a special thank you to the following people: Ron Chin, Susan Shaffer, Rick Napora, Dwayne Dempsey, Ismael Velez, Vinny Corazza, and Romona Burke (FDOT District 7 Traffic Operations); Sue Chrzan (THEA); and Brandon Campbell (City of Tampa, Traffic Management). These folks were indispensable in setting up the meeting spaces; providing transportation to and from the airport, hotel, THEA, and other venues; coordinating meals and tours and providing updates on the numerous transportation activities in which Florida is currently engaged.

For more information please contact Russell Allen at (850) 410-5626 or by email Russell.Allen@dot.state.fl.us.

District Four SIRV Operator Receives Honorary Certificate

By Nicole Forest, TSM&O Incident Management Program Manager, FDOT

On Thursday, March 29, 2018 Kenneth Rudominer, District Four Severe Incident Response Vehicle (SIRV) Operator, was patrolling southbound in the newly opened I-75 Express Lanes when he heard a Road Ranger advise over the radio, of a wrong-way driver. His next actions proved vital, as he successfully stopped the wrong-way driver and prevented what could have been a tragic crash.

The account of that Thursday evening is a harrowing one, as the wrong-way driver was traveling northbound in the southbound express lanes. Rudominer, hearing the Road Ranger dispatch, quickly jumped into action and cautiously proceeded southbound until he observed the wrong-way driver approaching him near Griffin Road. Rudominer immediately activated his emergency equipment, both visual and audio, and strategically positioned his vehicle in the express lanes to protect other southbound vehicles. The wrong-way driver, upon seeing Rudominer's SIRV Truck, stopped in the left-most lane, allowing Rudominer to re-position his truck directly in front of the wrong-way driver to prevent him from continuing against traffic.

Upon making contact with the driver, it was observed that the motorist was disoriented and possibly inebriated. Rudominer requested Florida Highway Patrol (FHP) presence and set up appropriate Maintenance of Traffic measures to protect both the involved driver and on-coming traffic. FHP responded and the driver was arrested.

Due to Rudominer's attention to duty and quick thinking that night, he prevented a tragedy and saved lives. SIRV Operations Manager, Tom Mangan, expressed gratitude in his professional training. "Kenneth's bravery should absolutely be commended. He is a valuable member of our team." For his outstanding service, Rudominer was award with an honorary certificate.



Kenneth Rudominer receives honorary certificate.



For more information please contact Nicole Forest at (954) 847-2631 or by email Nicole.Forest@dot.state.fl.us.

Transportation Officials Convene for Connected Vehicle Demonstration in Tampa

By Sue Chrzan, Director of Public Affairs & Communications, Tampa Hillsborough Expressway Authority

On Thursday, April 12, representatives of 18 transportation agencies from across the United States joined the Tampa Hillsborough Expressway Authority (THEA) for a demonstration of innovative connected vehicle technology that THEA is deploying to improve safety and mobility in downtown Tampa. FDOT ITS Program Development Engineer Russell Allen arranged the visit to showcase Florida's leadership in connected vehicles.

Attendees rode in cars equipped with devices that "talk" to the roadway and other connected vehicles to help prevent crashes and keep traffic moving. The demonstration took place on the downtown end of the Lee Roy Selmon Expressway's Reversible Express Lanes (REL), which was closed to traffic during the event.



Steve Novosad and meeting attendees prepare to take a ride during a CV demonstration in downtown Tampa.

Attendees included officials from the California, Florida, Georgia, Illinois, Kansas, Michigan, Minnesota, Missouri, Nevada, New York, North Carolina, Ohio, Pennsylvania, Tennessee, Utah and Wisconsin state Departments of Transportation, the Regional Transportation Commission of Southern Nevada and the Federal Highway Administration. The officials were in Tampa for a meeting of the Transportation Management Center (TMC) Pooled Fund Study, a group that conducts TMC-related research, operational tests, technology transfer, and training.

THEA is now equipping approximately 1,600 privately-owned automobiles with connected vehicle technology as part of the Tampa Connected Vehicle Pilot. Volunteers' automobiles will be able to communicate with downtown traffic and pedestrian signals to enhance safety, improve traffic flow, and even reduce emissions of greenhouse gases. Hillsborough Area Regional Transit (HART) will also equip 10 buses and 10 TECO Line streetcars with the technology.

THEA is now recruiting volunteer drivers for the pilot. As an incentive, participating drivers will receive a 30 percent toll rebate on the REL, up to a maximum of \$550. Area residents who are interested in participating are encouraged to take the online prescreening questionnaire at www.TampaCVPilot.com to see if they are eligible.

The Tampa Connected Vehicle Pilot aims to demonstrate the safety, mobility, and environmental benefits of connected vehicle technology. Tampa is one of just three sites deploying the technology as part of the U.S. Department of Transportation's Connected Vehicle Pilot Deployment Program. The other two sites are New York City and the Interstate 80 corridor in the state of Wyoming. The THEA project is the only one that involves residents driving their own cars.



For more information please contact Sue Chrzan at (813) 272-5986 or by email sue@tampa-xway.com.

The Benefits of Using Florida 511

By Bernadette Morris, FL511 Marketing, Sunshine Communications

The Florida Department of Transportation's (FDOT) 511 Traveler Information System is a state-of-the-art system providing real-time data on current traffic conditions. The 511 system includes an Integrated Voice Response (IVR) system, website, mobile app, and social media. Here's a sampling of benefits that help ensure travelers have a safe and efficient trip:

- 1. Wealth of Travel Data.** The Florida 511 Traveler Information System - or FL511 for short - includes real-time information on congestion, traffic hazards, severe weather, construction, road closures, and other factors which can affect a trip. Upcoming enhancements to FL511 include an Advanced Traveler Information System that streamlines administrative protocol, providing a faster, more-robust travel information system. Plans are also underway to integrate Helios road weather information in to the FL511 website and mobile applications.
- 2. Live Traffic Views.** FL511 has access to more than 3,200 video cameras placed on roadways throughout Florida - particularly in major metropolitan areas - so travelers can see live traffic conditions. This allows a traveler to plan a trip from home using the website, and/or view conditions as a passenger once on the road. Work is currently underway to enhance streaming video capabilities from the FDOT Districts in the FL511 website and mobile applications.
- 3. Multiple Platforms.** FL511 is available on its website, on mobile devices, by telephone and features a Twitter feed and text alerts. It is a bilingual service in English and Spanish. The mobile app is available for Apple and Android devices, which is downloadable at the Apple App and Google Play stores for free.
- 4. Free and Available 24/7.** This power-packed traveler information system is free, available 24/7, and updated constantly. It is a service of the Florida Department of Transportation and the state of Florida to provide a safe, pleasant and efficient trip for travelers, and improve driving conditions on Florida roads.
- 5. Emergency Evacuation Information.** During emergencies, FL511 usage rises dramatically. In 2017, more than six million people in Florida were ordered to evacuate during Hurricane Irma. It was during this storm that FDOT and FL511 worked together to double operational capacity, allowing up to 50,000 simultaneous users to access the system, helping travelers safely evacuate and then return to the state. It also assisted the power companies, fuel companies, first responders and many others. The doubled capacity has since been approved to become a permanent enhancement to FL511.
- 6. Personalized Services.** FL511 offers 'My Florida 511' personalized services, to allow users to know about traffic conditions before leaving their home. People who register for a FL511 account can receive text messages or email alerts for daily commutes; notifications for incidents, construction and congestion; travel time increases and traffic speed changes; and other useful information. Users can also save camera views by clicking "Traffic Map" on the mobile app.



FREE TRAFFIC INFO

FLORIDA 511

DOOR-TO-DOOR DIRECTIONS • TRAVEL TIMES
PERSONALIZED ALERTS • TRAFFIC CAMERA VIEWS

Florida's Official Source
For Real-Time Traffic Info

FREE APPS FL511.COM ALERTS CALL 511 #FL511

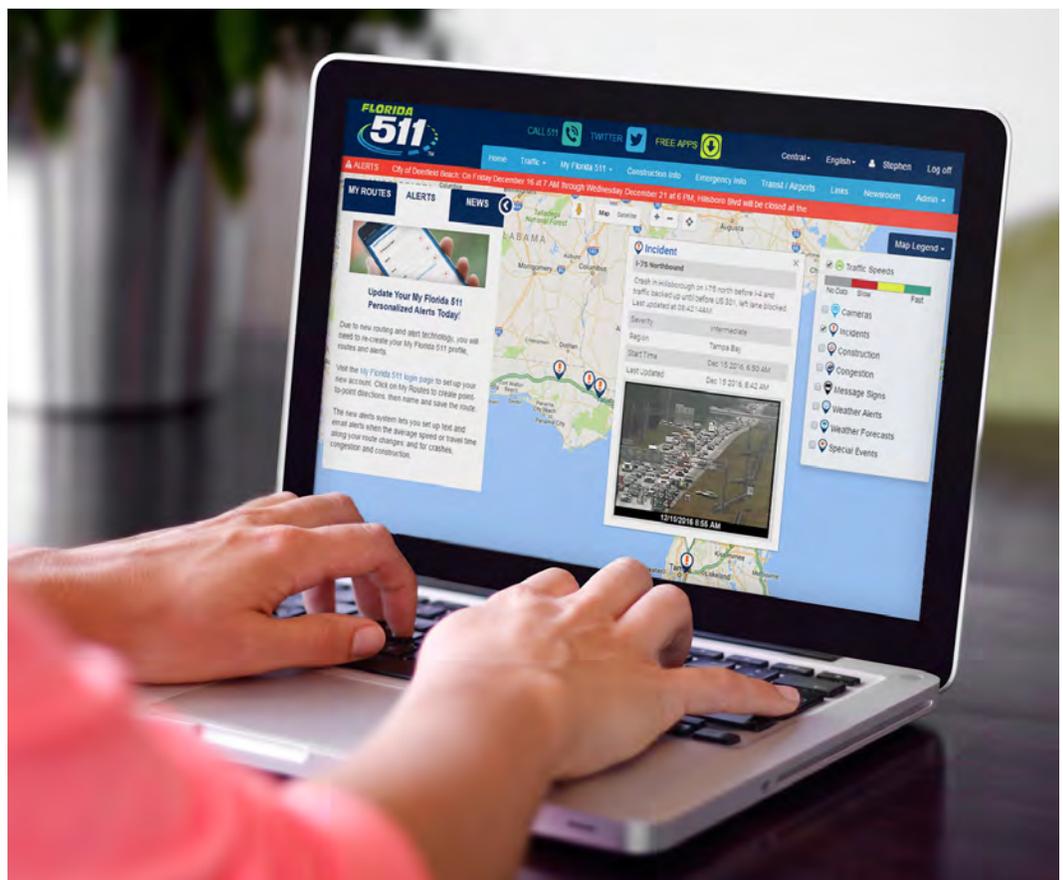
7. 'Drive Mode' Features for Mobile App. One of the primary features of the mobile app is Drive Mode. New to FL511, users can enter Drive Mode to get a quick view of local incidents and traffic speeds. Then, enter their destination and receive up to three routes with travel times based on current traffic conditions. Drive Mode also provides the driver audible alerts of incidents occurring along the route reducing the opportunity for distracted driving.



8. Website and Mobile App Work Together. Travelers can create personalized routes on the website and utilize those routes on their mobile app. The mobile app provides a suggested route plus up to two alternate routes, each with driving directions, travel times and incidents. Options include "highways," "no highways," "toll," and "no toll." Travelers can add way points (which are additional destinations and stops) along the route. Additional refinements will integrate road closure and detour information and their respective icons into the FL511 website and mobile applications.

9. Connects with Transit Agencies and Airports. A recent study by FDOT showed that 14 percent of FL511 users changed their mode of travel based on the information they received from FL511. Users interested in learning more about other travel and commute modes in their area can click on links to 32 transit agencies and 21 airports. FL511 users can also be transferred to any of these agencies by calling 511 and asking the system to "transfer my call."

10. Many Helpful Links. The Florida 511 Traveler Information System partners with hundreds of agencies and organizations around the state and the southeastern U.S., including seaports, tourism agencies, evacuation management agencies, regional transportation organizations, parking officials, major event venues, rest areas/ weigh stations, other states' 511 systems and other partners. Recent developments have led to the approval of FL511 to incorporate truck parking information into the system to convey the location of the nearest available truck parking facility to users via the website and mobile application.



For more information please contact Russell Allen at (850) 410-5626 or by email Russell.Allen@dot.state.fl.us.

District Six Participates in TSM&O Leadership Forum

By Javier Rodriguez, TSM&O Program Engineer, District Six, FDOT

District Six was recently invited to participate in a leadership forum to share its experience in the emerging field of Transportation Systems Management and Operations (TSM&O).

The forum is part of a national effort sponsored by the Federal Highway Administration (FHWA), who in partnership with the American Association of State Highway and Transportation Officials (AASHTO), is working to promote TSM&O program principles and best practices across the country. The forum's goal was to equip attendees with the knowledge and tools required to implement the TSM&O strategies that will improve their own regional transportation systems.

The first forum was held in Atlanta, Georgia and focused on the southeastern United States. It was a two-day, interactive workshop attended by 32 inter-disciplinary leaders from a total of six states, including Alabama, Georgia, Florida, North Carolina, South Carolina and Tennessee. The group represented the fields of traffic engineering, law enforcement, freight, maintenance, and regional operations. FDOT District Six was asked to share its experience implementing TSM&O strategies, such as managed lanes and integrated corridor management projects.

The District's experience was made part of the forum's official curriculum and was given to attendees as a case study for discussion. They used this and other materials during their two-day peer-exchange sessions which also covered a variety of topics and facilitated group exercises.

FDOT District Six staff spoke about the importance of multi-agency collaboration when planning TSM&O strategies. It illustrated this point by highlighting their experience launching 95 Express as a pilot project almost ten years ago! It shared how the project presented the transportation, transit and tolling partners with their first opportunity to work as one unit and launched a multi-modal project that has enhanced the transportation landscape of south Florida. The District credited the 95 Express team's performance management and adaptability skills for sustaining the project's long-term success. They also talked about the importance of integrating business processes and organizational workflows when developing TSM&O strategies with a multi-agency team. They cited FDOT's Regional Concept of Transportation Operations (RCTO) initiative as a good example of this because it resulted in a handbook that guided the expansion of the express lanes network.

District Six also shared its experience launching and operating integrated corridor management projects that have connected US-1 with I- 95 and the Florida's Turnpike. It also highlighted its recent expansion efforts into arterial management through its traffic signal partnerships with Miami-Dade and Monroe Counties during the past year. It concluded its presentation by noting that FDOT has championed the TSM&O Program from the beginning and that it remains committed to its growth and success.

For more information please contact Javier Rodriguez at (305) 640-7307 or by email Javier.Rodriguez2@dot.state.fl.us.



Regional Operations Leadership Forum, Atlanta GA.

Farewell to Elizabeth Birriel



After 25 years of service to the Florida Department of Transportation, Elizabeth Birriel will be leaving to pursue professional ventures in the private sector. Elizabeth began her career in April 1993 working in District Seven (Tampa) in the Maintenance Division as a Roadway Survey Engineer. After several years, she accepted a position in the Central Office State Maintenance Office as a Maintenance Management Engineer followed by a move to District Three (Chipley) where she assumed the duties of Midway Assistant Operations Engineer. She greatly enjoyed her 10 years in Maintenance but after having completed her Master's Degree in Transportation Engineering at the University of South Florida, she accepted a position in the Central Office Traffic Operations Office where she worked in several capacities for the following 15 years. At different times during her years in Traffic Operations she was the Deputy State Traffic Operations Engineer managing the Incident Management Program, managing the ITS Program and later managing the Traffic Engineering Research Lab (TERL). Elizabeth is thankful for the opportunity to have been part of the Florida Department of Transportation for the past 25 years, assisting in the Department's mission of providing safe and efficient transportation to the traveling public.

New Manager at the TERC

By Trey Tillander III, P.E., Director, Traffic Engineering & Operations Office, FDOT

I am pleased to announce that the new Manager of the Traffic Engineering Research Lab (TERL) is Derek Vollmer. Derek is a registered Florida Professional Engineer and received his Bachelor's Degree in Electrical Engineering from the University of Louisiana at Lafayette and a Master's Degree in Electrical Engineering from Florida State University. Derek started his career in transportation as an FSU research associate at the TERC writing test procedures for traffic controller communication protocols. He then worked as a consultant at the TERC testing Intelligent Transportation System (ITS) devices, updating ITS specifications, and representing the Department on national communication protocol committees. In 2013, he joined the Department to manage the State's Advanced Transportation Management Software project, the SunGuide software. He made great strides working with his peers to enhance and improve the software. In his spare time, Derek enjoys beekeeping, gardening, and playing table tennis.

Derek and Fred Heery, State Transportation Systems Management and Operations (TSM&O) Engineer, will be working on a transition plan as Derek moves from the TSM&O section to the TERC. The transition will likely be a several month process, so we ask for your support during this time. Derek will manage a very talented team and great facilities at the TERC and I'm confident you will enjoy working with Derek in his new role. Please join me in congratulating Derek.



ITS Florida has two scholarship programs that are now accepting applications for award in 2018 at our annual meeting.



The ITS Florida Anne Brewer Academic Scholarships are available to two groups: one to a full-time undergraduate or master's student and two to graduate (Ph.D.) students (at the time of the Scholarship Awards). Students from any accredited Florida university or college are eligible. Principal course work shall include a major in a field directly related to transportation, ITS systems, transportation engineering, or a related field subject to the approval of the Awards Committee. The scholarship amounts are one \$2,500 and one \$1,500 scholarship for graduate (Ph.D.) students and \$2,000 for a bachelor's or master's degree. The number of scholarship awards may fluctuate depending on available funding and qualifying students.

For the requirements, and documentation needed,
visit: https://fs16.formsite.com/ITSFlorida/Scholarship_Academic.com/index.html

The Erika Birozak Training and Certification Scholarship is available to public and private sector nominees in which their respective organizations are members of ITS Florida. The scholarship assists those seeking to advance their skill set through additional training and certification courses, to better serve their organizations and the ITS industry in Florida. This scholarship amount is up to \$1,000 reimbursement for successfully completing approved coursework within one year.

For the documentation needed,
visit: https://fs16.formsite.com/ITSFlorida/Train_Cert_Scholarship/index.html

ITS Florida Awards - Deadline September 7, 2018

Award Descriptions

The ITS Florida Awards are presented each year to leaders in ITS. The Award categories include:

- **ITS Florida Member of the Year Award**

This award is to recognize an ITS program, project, or other accomplishment that is of significant benefit to the transportation industry and to the traveling public during this calendar year. The award can be for any public or private sector member of ITS Florida. The overall criterion for award consideration is that the work provides (is providing) improved transportation for Floridians.

- Additional criteria for nomination and selection are: (1) the work is operational or about to be operational; (2) the work is of major significance to improve transportation in Florida (3) the work is a major innovation in any aspect of ITS; or (4) the work is of state or national significance.

- **ITS Professional of the Year Award**

This award is to recognize that person, or persons (although generally one person per year), who has contributed significantly to the ITS community during this calendar year. The person nominated should be noted for contributing to the ITS mission/goals of ITS Florida.

- The criteria for the ITS Professional of the Year Award include: (1) the person has contributed to ITS mission; (2) the person has been instrumental in project management, project completion, project planning, development of planning, financial, or other strategies; and (3) the person has had a key role in some significant program or project, which may include activities of ITS Florida itself.

- **ITS Florida President's Award**

This individual award recognizes superior career achievements in ITS and extraordinary service to ITS Florida. It may not be awarded annually. This is ITS Florida's highest award and should be given only for truly superlative performance and accomplishment.

- **ITS Champion Award**

This award may be given to an individual (ITSFL member or not) who has made significant contributions to advance the cause of ITS in Florida. This award should be given only for rare and conspicuous service.

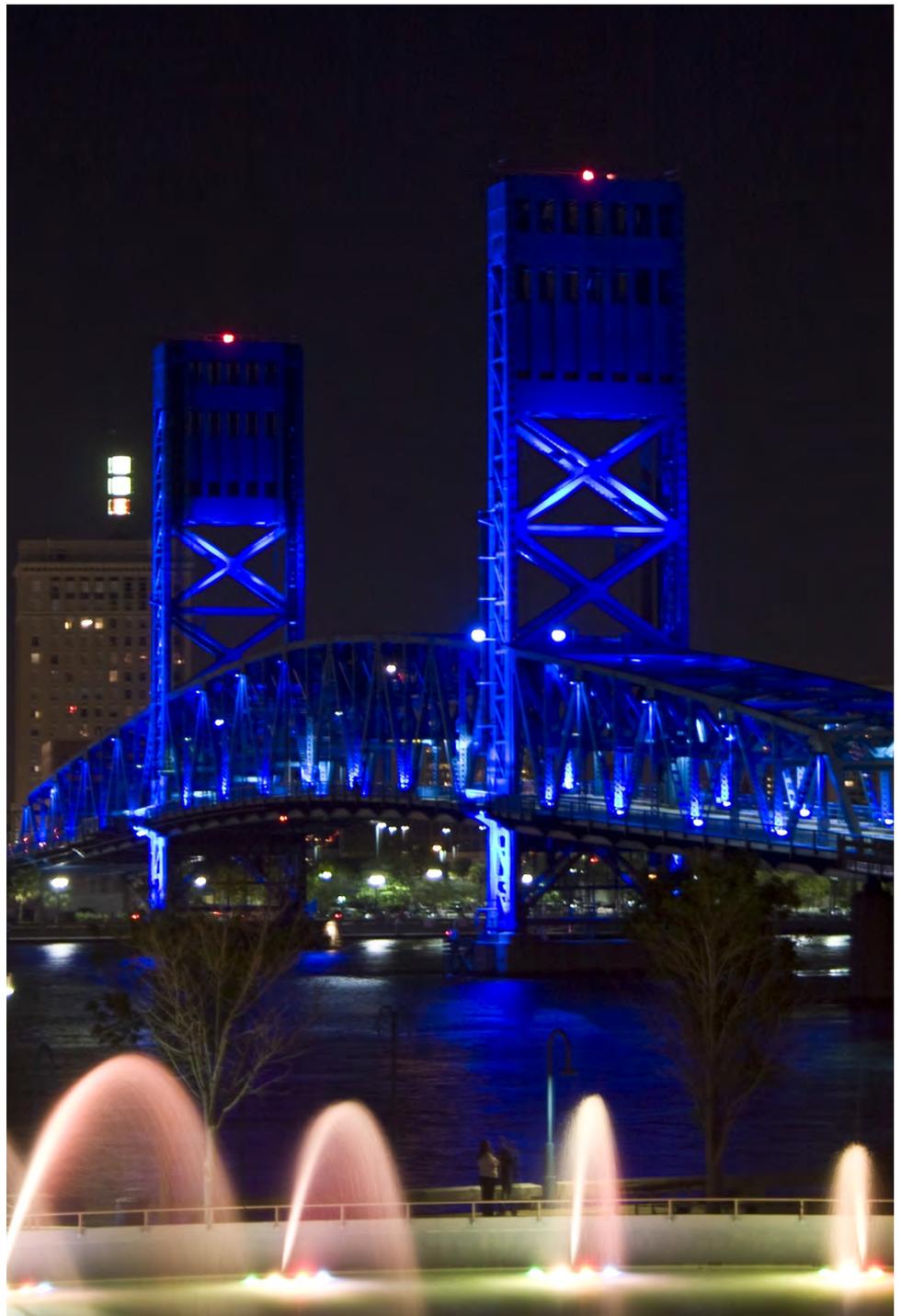
- **Certificate of Outstanding Achievement**

This is an "open-ended" class of awards that may be given by ITS Florida for outstanding service by individuals or organizational units. Past award have been given to individuals who have performed superior service as, for example, chairs of ITSFL conferences; to FDOT districts for deploying new, integrated RTMCs; and for individuals who have provided outstanding service, such as volunteers serving at ITS conferences. The awards may be formal plaques or framed certificates, at the discretion of the Board of Directors.

- **Honor Roll**

ITS Florida occasionally identifies a person in the transportation business who has greatly contributed to ITS during their career. Persons who have retired or who are about to retire are considered candidates. Any member may nominate a candidate for the ITS Florida Honor Roll with a letter describing their accomplishments and contributions.

Nominations for ITS Florida awards must include sufficient information to enable the Awards Subcommittee to assess the proposal. Please submit your nominations via: https://fs16.formsite.com/ITSFlorida/Awards_complete/index.html



New State Traffic Studies Engineer

By Alan S. El-Urfali, P.E., State Traffic Services Program Engineer, FDOT

I am pleased to announce the appointment of Javier Ponce, P.E., as the new State Traffic Studies Engineer for the Traffic Engineering & Operations Office.

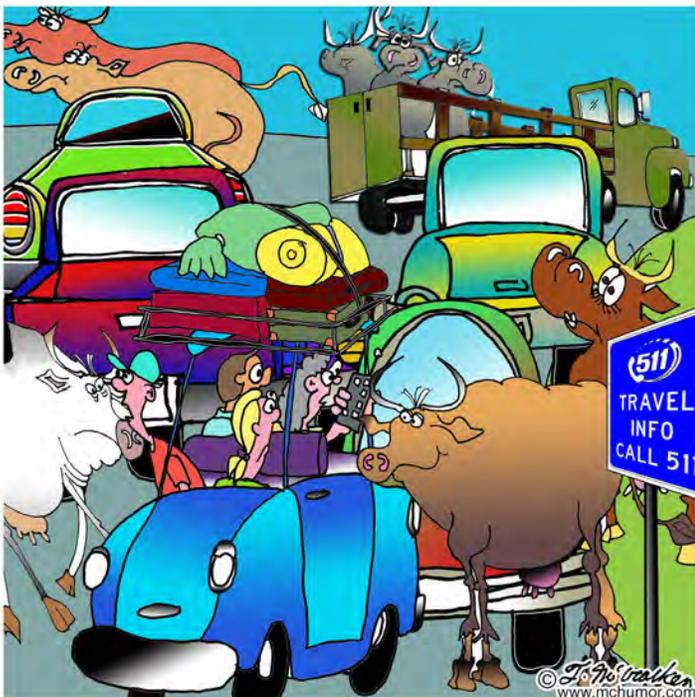
Javier comes to this position with a wealth of experience from FDOT's Roadway Design Office Pavement Management section where he served for six years honing his knowledge of departmental data, management, design, specifications and analysis. Javier obtained his Bachelor of Science in Civil Engineering from Florida State University in the spring of 2012 and his Master of Civil Engineering degree just recently, this spring of 2018.

In Javier's role, he is looking to expand on his expertise and broaden his horizons working with his counterparts in the Districts, developing and administrating the statewide traffic studies program. He will also be representing the Traffic Engineering and Operations Office on several Departmental technical committees and safety coalitions.

Please join me in extending a warm welcome to Traffic Operations.



Break Time



"MOM. WHEN WILL WE BE MOOVING?"

W	T	E	R	L	F	B	P	D	R	N	P	M	K	X
F	P	D	R	O	T	A	R	E	P	O	W	D	K	G
Z	A	H	G	H	F	N	C	M	I	N	N	U	X	K
P	S	K	M	P	L	O	T	L	U	H	B	Q	B	H
Y	T	Z	P	J	F	K	C	X	H	G	G	P	D	W
F	L	Y	Z	T	I	L	J	C	O	A	W	M	K	Z
U	W	T	C	R	V	V	E	C	C	B	K	O	D	N
U	F	L	F	A	E	O	K	O	F	P	U	I	G	C
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W	W	G	L	I	E	M	Z	N	M	L	V	H	N	Z
P	S	H	H	C	O	K	T	I	K	R	Q	T	V	Y
J	G	P	T	X	N	J	H	C	I	N	N	F	U	M
F	M	E	K	T	E	K	E	S	S	C	N	M	P	J
T	D	O	W	D	Q	B	A	H	J	A	H	H	A	H
Connected Operator THEA SIRV														
FL511 Traffic ASCT TERL														

New FMS/AMS Specialist

By Fred Heery, Sr., P.E., State TSM&O Program Engineer, FDOT

I am pleased to announce the appointment of Eugene Jules to the position of FMS/AMS Specialist for the Transportation Systems Management and Operations program.

Eugene holds a Bachelor of Science Degree in Finance from Florida State University. Prior to joining our office, he was working as a Federal Project Analyst for FDOT and before that, he was with the department in the Office of Comptroller in the Disbursement Operations Office as a Senior Financial Services Accountant.

Eugene will be a great asset to TSM&O. Please join me in welcoming Eugene to his new position.



Eugene Jules

New Traffic Control Device Specialist



William Geitz

By Elizabeth Birriel, P.E., Traffic Engineering Research Lab Manager, FDOT

I am pleased to announce the appointment of William Geitz as the Traffic Control Device Specialist for the Traffic Engineering and Operations Office.

William served in the US Navy for six years and has an A.S. Degree from Pensacola Junior College in Electronic Engineering Technology. With over eight years of technical experience in the field, he will be an asset to our office.

Please join me in welcoming William to our office and his new role.

Congratulations

District Five TSM&O is pleased to congratulate Noemi Rodriguez Bonilla for successfully passing the April 2018 Professional Engineer examination. Noemi currently works as the ITS PM on several projects in the District, including the District Five I-75 FRAME CV project, the PedSafe/Greenway CV project, SR 434 CV Pilot project, and the Osceola County ATMS Phase Four project to mention a few. Since joining the TSM&O group a short year and a half ago, Noemi's hard work, dedication to learning new technologies and team spirit have made her an invaluable asset to our team. We congratulate her on this success and the many more successes we are sure are to come! We are sure that Sarai (pictured right with mother) is just as happy as we are that mom no longer needs to spend late nights studying.

Congratulations Noemi!



Noemi Rodriguez Bonilla

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